

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131663.D
 Acq On : 16 Dec 2022 13:09
 Operator : CG\JU
 Sample : PB149631BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149631BS

Quant Time: Dec 17 04:33:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards

1) 1,4-Dichlorobenzene-d4	6.881	152	78769	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	313867	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	193712	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	374488	20.000	ng	0.00
76) Chrysene-d12	14.086	240	251940	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	179539	20.000	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.510	112	636475	134.802	ng	0.02
7) Phenol-d6	6.522	99	810288	130.961	ng	0.00
23) Nitrobenzene-d5	7.451	82	563512	67.878	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	253129	117.614	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	991457	64.534	ng	0.00
79) Terphenyl-d14	13.027	244	1265177	68.868	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.705	88	83527	39.193	ng	96
3) Pyridine	3.452	79	215561	36.431	ng	96
4) n-Nitrosodimethylamine	3.428	42	120906	37.051	ng	# 79
6) Aniline	6.545	93	272611	36.841	ng	99
8) 2-Chlorophenol	6.669	128	222429	44.454	ng	93
9) Benzaldehyde	6.434	77	11016	2.599	ng	96
10) Phenol	6.534	94	318291m	46.119	ng	
11) bis(2-Chloroethyl)ether	6.622	93	235049	45.434	ng	96
12) 1,3-Dichlorobenzene	6.822	146	243281	41.937	ng	97
13) 1,4-Dichlorobenzene	6.898	146	245754	41.999	ng	99
14) 1,2-Dichlorobenzene	7.051	146	233612	41.793	ng	97
15) Benzyl Alcohol	7.028	79	244255	43.061	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	294467	44.064	ng	99
17) 2-Methylphenol	7.140	107	202520	44.910	ng	96
18) Hexachloroethane	7.392	117	98859	41.881	ng	89
19) n-Nitroso-di-n-propyla...	7.298	70	188964	40.730	ng	96
20) 3+4-Methylphenols	7.292	107	257989	42.003	ng	# 88
22) Acetophenone	7.298	105	361531	36.757	ng	# 98
24) Nitrobenzene	7.469	77	301358	35.991	ng	97
25) Isophorone	7.710	82	529049	39.563	ng	98
26) 2-Nitrophenol	7.787	139	120669	42.260	ng	94
27) 2,4-Dimethylphenol	7.822	122	201682	46.082	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	293218	42.387	ng	99
29) 2,4-Dichlorophenol	8.034	162	205696	38.011	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	237049	35.720	ng	98
31) Naphthalene	8.192	128	642774	36.360	ng	99
32) Benzoic acid	7.957	122	131360	41.444	ng	96
33) 4-Chloroaniline	8.245	127	171211	25.838	ng	97
34) Hexachlorobutadiene	8.304	225	156541	33.469	ng	95
35) Caprolactam	8.622	113	63377m	45.274	ng	
36) 4-Chloro-3-methylphenol	8.734	107	238789	39.296	ng	99
37) 2-Methylnaphthalene	8.886	142	438774	36.293	ng	99
38) 1-Methylnaphthalene	8.986	142	409361	35.272	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	256244	35.734	ng	99
41) Hexachlorocyclopentadiene	9.039	237	284590	78.190	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	161555	36.424	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.216	196	172455	36.154	ng	97	12/19/2022
46) 1,1'-Biphenyl	9.357	154	554779	36.222	ng	98	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.381	162	446921	35.815	ng	98	
48) 2-Nitroaniline	9.481	65	158757	35.915	ng	92	
49) Acenaphthylene	9.798	152	669467	36.539	ng	99	
50) Dimethylphthalate	9.663	163	544551	36.876	ng	100	
51) 2,6-Dinitrotoluene	9.728	165	118309	38.808	ng	# 76	12/19/2022
52) Acenaphthene	9.975	154	502118m	40.908	ng		
53) 3-Nitroaniline	9.898	138	83212	28.449	ng	96	
54) 2,4-Dinitrophenol	10.004	184	144978	82.917	ng	97	
55) Dibenzofuran	10.145	168	627425	36.178	ng	98	
56) 4-Nitrophenol	10.069	139	174621	85.937	ng	# 79	
57) 2,4-Dinitrotoluene	10.133	165	166200	41.098	ng	94	
58) Fluorene	10.492	166	501652	35.581	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.263	232	145292m	35.970	ng		
60) Diethylphthalate	10.363	149	524736	37.029	ng	99	
61) 4-Chlorophenyl-phenyle...	10.480	204	273050	35.045	ng	98	
62) 4-Nitroaniline	10.522	138	117656	40.592	ng	90	
63) Azobenzene	10.645	77	573043	35.455	ng	95	
65) 4,6-Dinitro-2-methylph...	10.539	198	97102	40.938	ng	99	
66) n-Nitrosodiphenylamine	10.604	169	429844	35.504	ng	99	
67) 4-Bromophenyl-phenylether	10.975	248	165915	34.440	ng	96	
68) Hexachlorobenzene	11.039	284	186916	35.870	ng	98	
69) Atrazine	11.133	200	146301	38.053	ng	98	
70) Pentachlorophenol	11.233	266	206402	76.940	ng	98	
71) Phenanthrene	11.457	178	746216	35.749	ng	100	
72) Anthracene	11.510	178	764220	37.631	ng	100	
73) Carbazole	11.669	167	668362	40.320	ng	99	
74) Di-n-butylphthalate	11.992	149	809869	39.824	ng	99	
75) Fluoranthene	12.651	202	851346	39.608	ng	99	
77) Benzidine	12.774	184	231290	34.263	ng	98	
78) Pyrene	12.880	202	858849	34.572	ng	100	
80) Butylbenzylphthalate	13.498	149	301558	41.945	ng	99	
81) Benzo(a)anthracene	14.074	228	660727	36.315	ng	99	
82) 3,3'-Dichlorobenzidine	14.039	252	179878	34.749	ng	95	
83) Chrysene	14.116	228	621585	35.936	ng	97	
84) Bis(2-ethylhexyl)phtha...	14.057	149	365688	38.011	ng	97	
85) Di-n-octyl phthalate	14.674	149	512775	33.696	ng	98	
87) Indeno(1,2,3-cd)pyrene	17.115	276	487386	33.264	ng	98	
88) Benzo(b)fluoranthene	15.145	252	508463	42.969	ng	100	
89) Benzo(k)fluoranthene	15.174	252	513388	41.567	ng	99	
90) Benzo(a)pyrene	15.527	252	431341	42.714	ng	98	
91) Dibenzo(a,h)anthracene	17.133	278	418423	34.698	ng	100	
92) Benzo(g,h,i)perylene	17.580	276	412803	34.060	ng	98	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

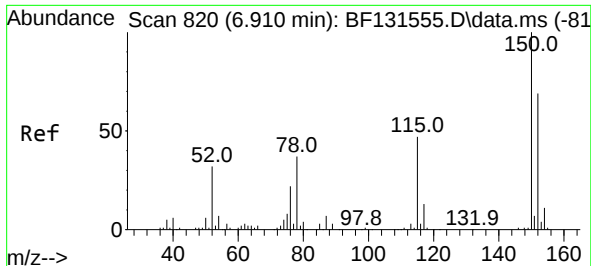
Manual Integrations

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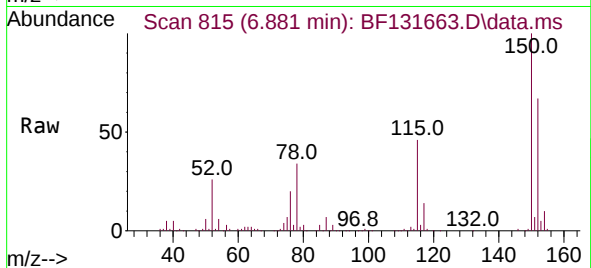
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



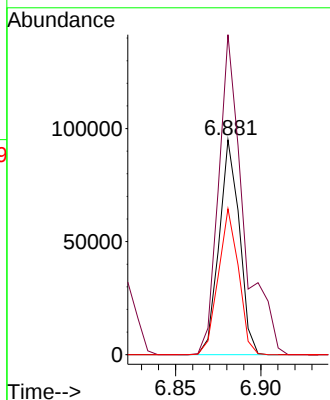
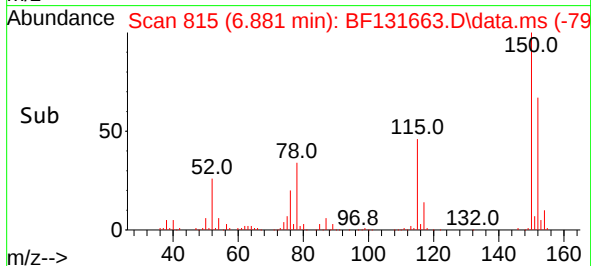
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Ion Ratio Lower Upper
152 100
150 148.9 116.7 175.1
115 67.9 54.6 82.0

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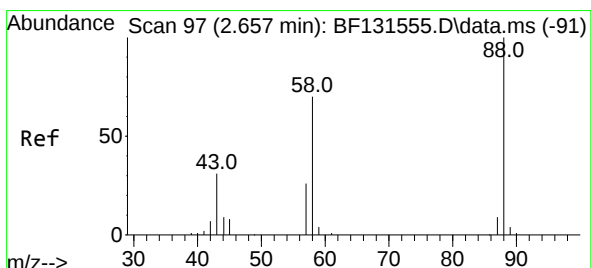
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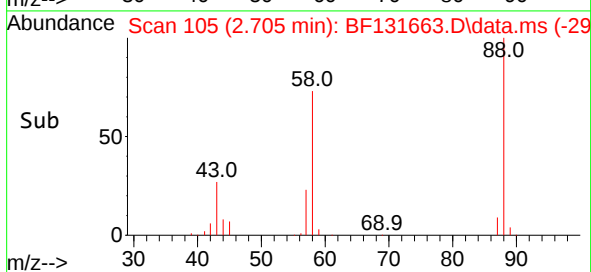
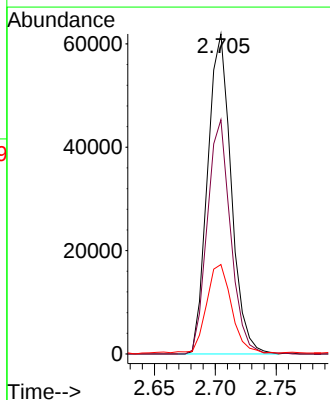
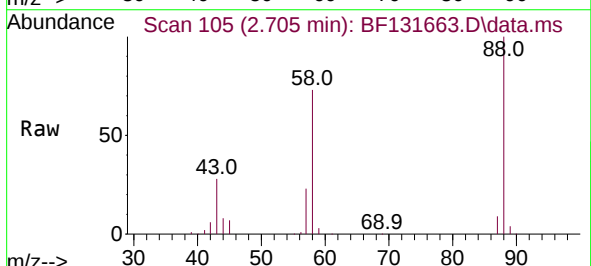


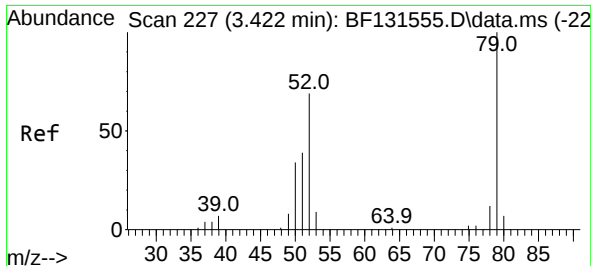
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#2
1,4-Dioxane
Concen: 39.193 ng
RT: 2.705 min Scan# 105
Delta R.T. 0.094 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion: 88 Resp: 83527
Ion Ratio Lower Upper
88 100
58 72.3 60.0 90.0
43 30.9 26.7 40.1





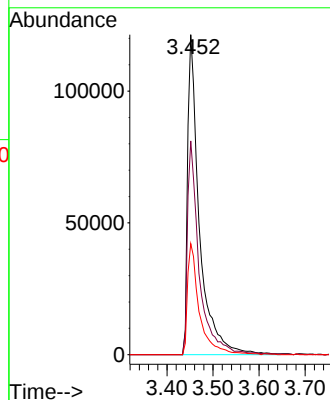
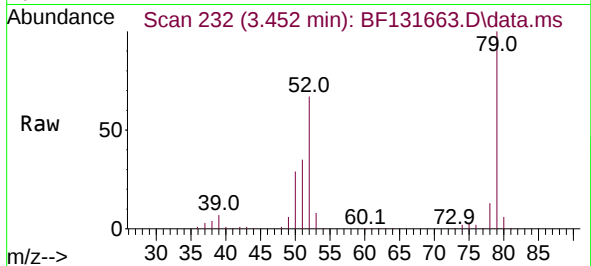
#3
Pyridine
Concen: 36.431 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS

Tgt Ion: 79 Resp: 21556
Ion Ratio Lower Upper
79 100
52 66.8 55.0 82.6
51 34.7 31.4 47.2

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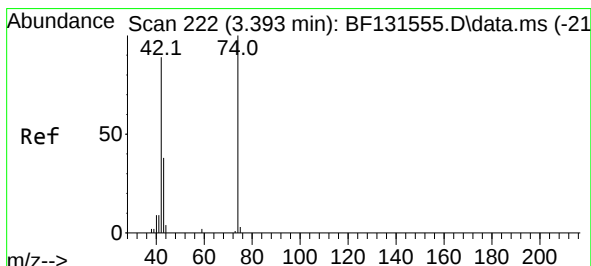
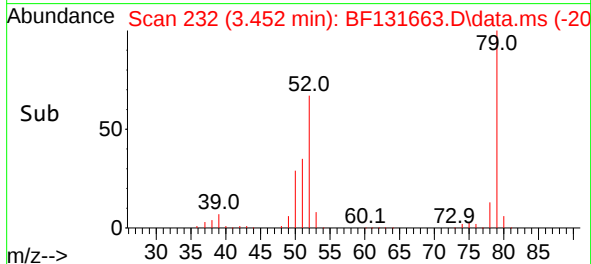
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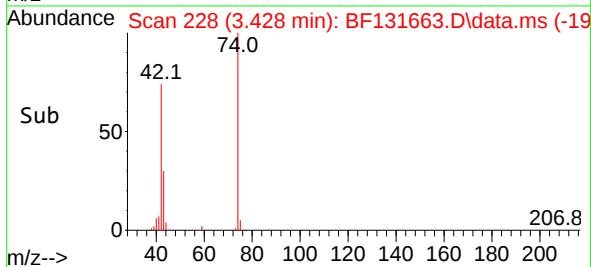
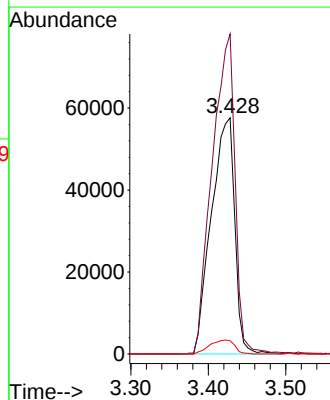
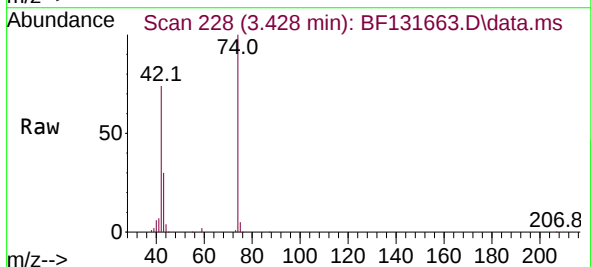
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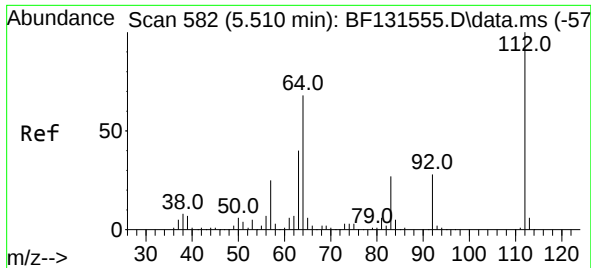
12/19/2022



#4
n-Nitrosodimethylamine
Concen: 37.051 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion: 42 Resp: 120906
Ion Ratio Lower Upper
42 100
74 135.5 90.2 135.2#
44 5.6 3.7 5.5#





#5
2-Fluorophenol
Concen: 134.802 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.018 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion:112 Resp: 63647
Ion Ratio Lower Upper
112 100
64 58.9 54.5 81.7
63 33.1 31.9 47.9

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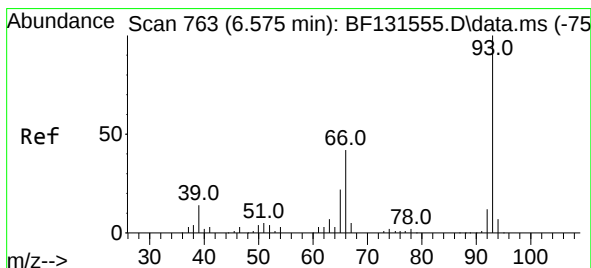
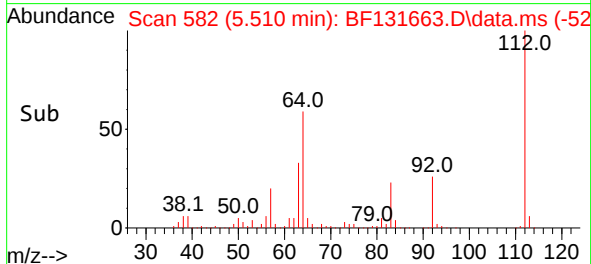
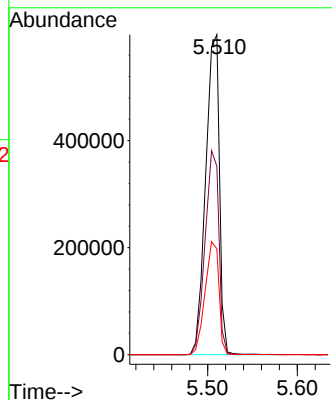
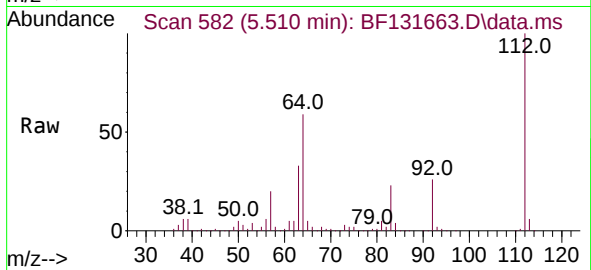
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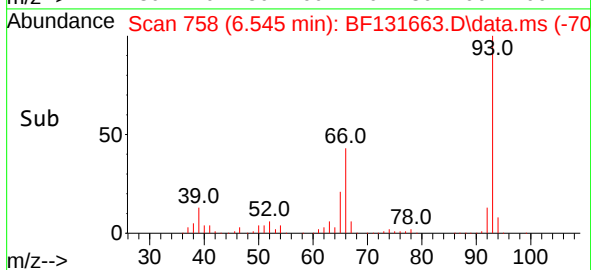
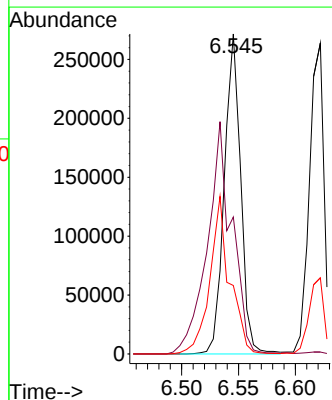
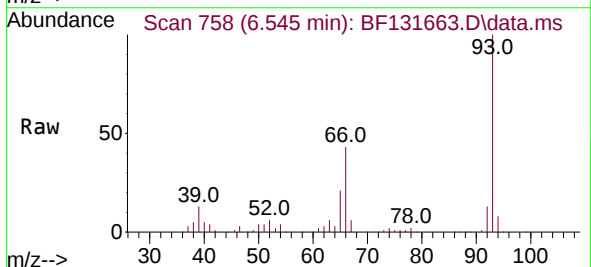
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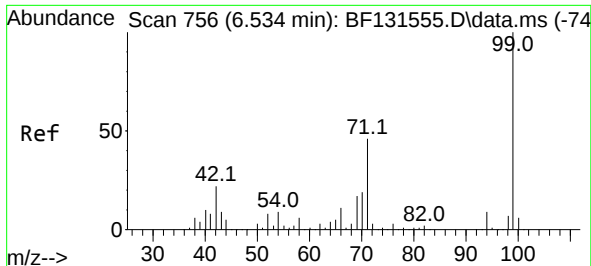
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#6
Aniline
Concen: 36.841 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion: 93 Resp: 272611
Ion Ratio Lower Upper
93 100
66 42.8 34.6 51.8
65 21.4 17.7 26.5





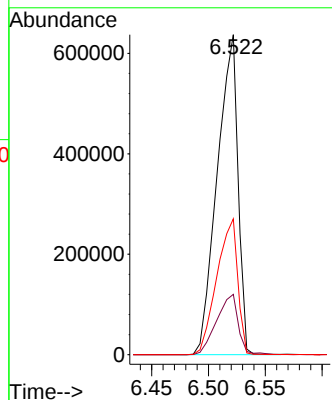
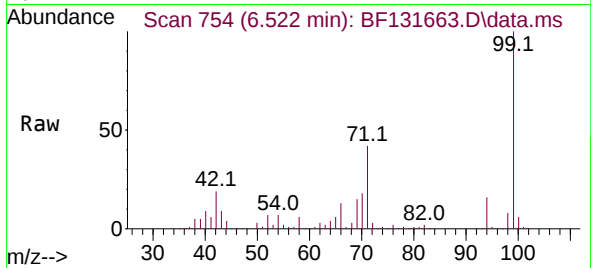
#7
Phenol-d6
Concen: 130.961 ng
RT: 6.522 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 81028
Ion Ratio Lower Upper
99 100
42 18.8 17.9 26.9
71 42.5 37.2 55.8

Manual Integrations
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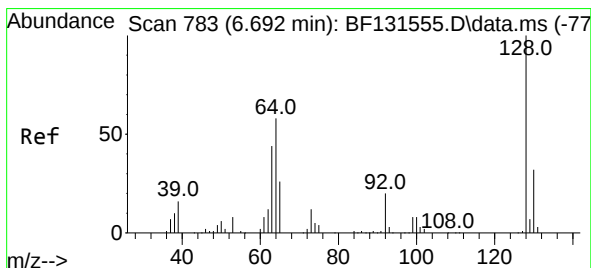
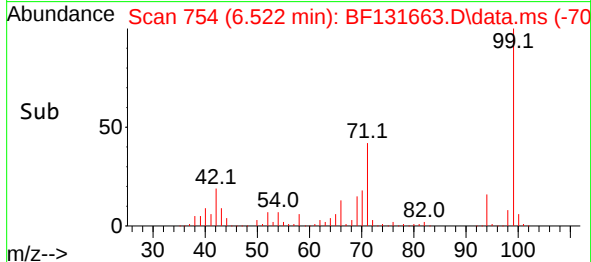
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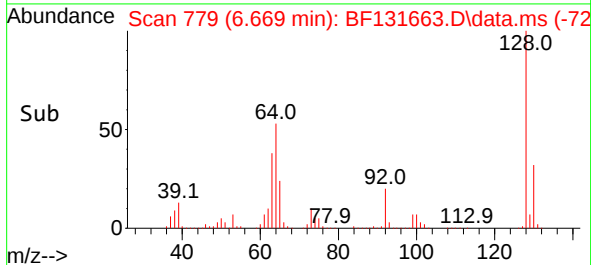
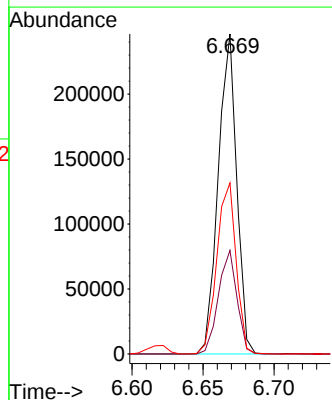
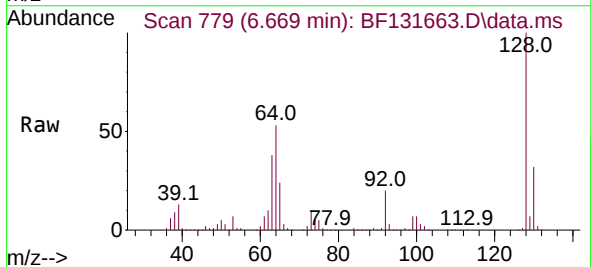
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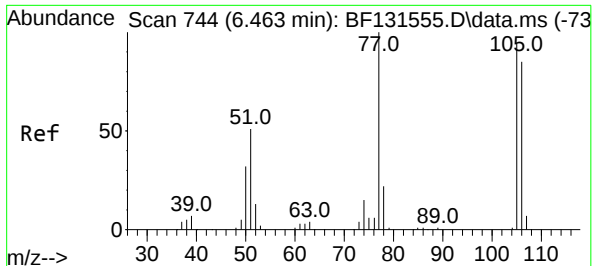
12/19/2022



#8
2-Chlorophenol
Concen: 44.454 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

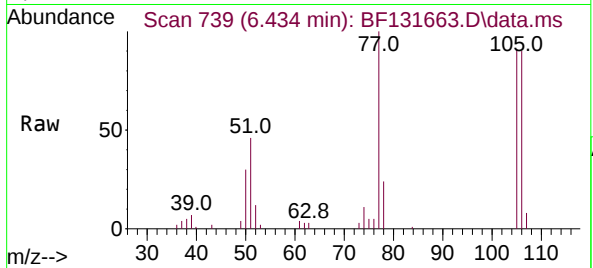
Tgt Ion:128 Resp: 222429
Ion Ratio Lower Upper
128 100
130 32.4 11.6 51.6
64 53.4 40.6 80.6





#9
Benzaldehyde
Concen: 2.599 ng
RT: 6.434 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
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PB149631BS



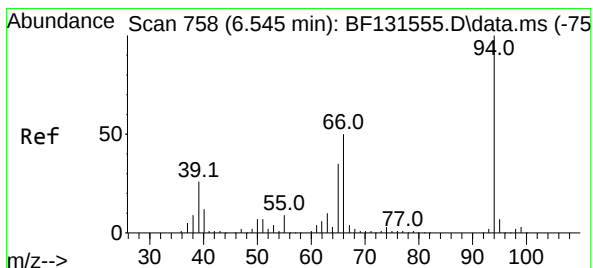
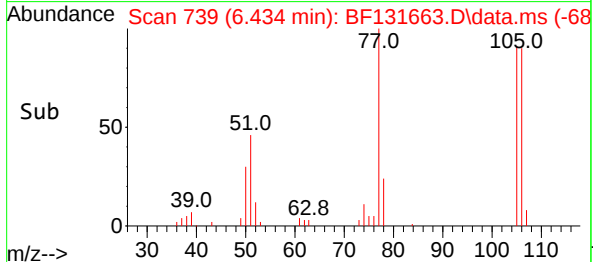
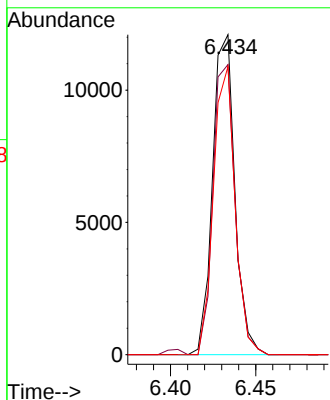
Tgt Ion: 77 Resp: 11010
Ion Ratio Lower Upper
77 100
105 90.7 73.8 113.8
106 90.1 65.2 105.2

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Supervised By :mohammad ahmed 12/19/2022

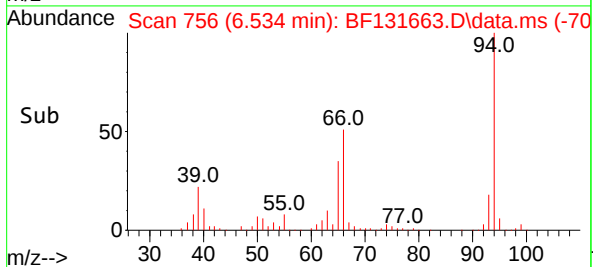
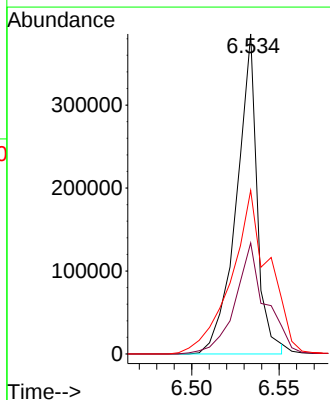
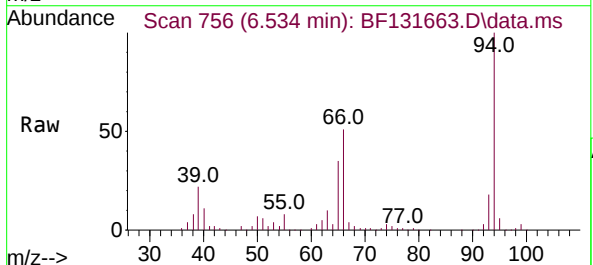
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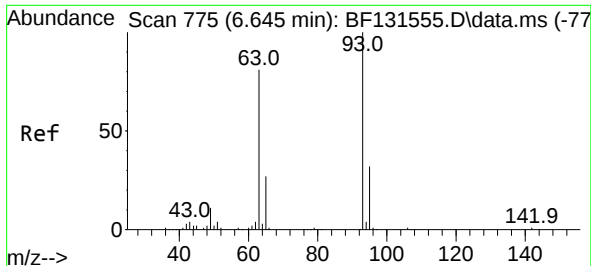
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#10
Phenol
Concen: 46.119 ng m
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion: 94 Resp: 318291
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 51.1 30.8 70.8





#11

bis(2-Chloroethyl)ether

Concen: 45.434 ng

RT: 6.622 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF131663.D

Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion: 93 Resp: 235049

Ion Ratio Lower Upper

93 100

63 76.0 60.4 100.4

95 32.4 12.3 52.3

Manual Integrations

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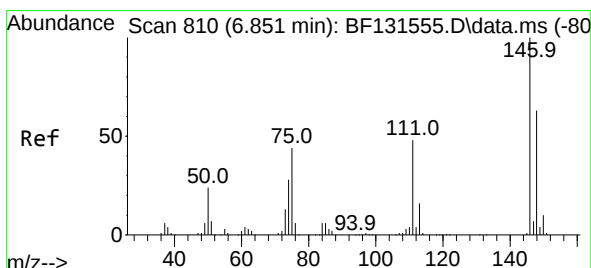
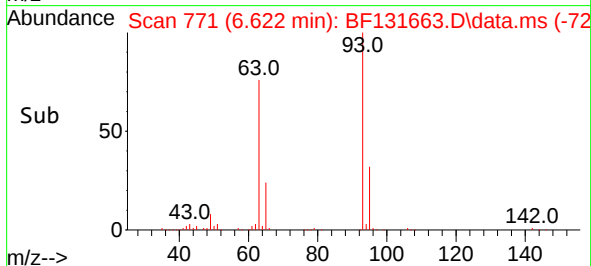
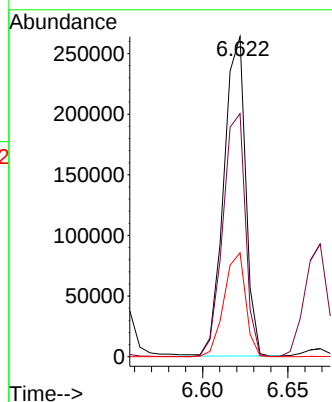
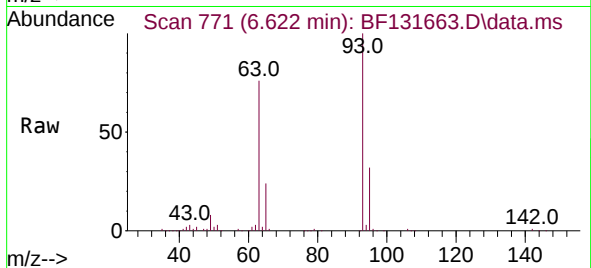
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#12

1,3-Dichlorobenzene

Concen: 41.937 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF131663.D

Acq: 16 Dec 2022 13:09

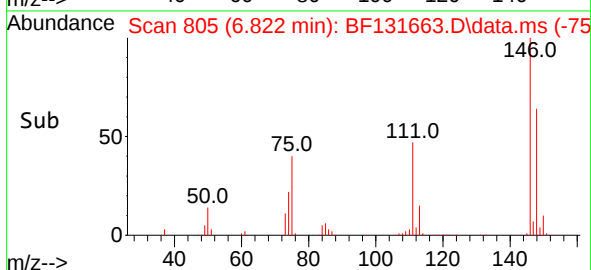
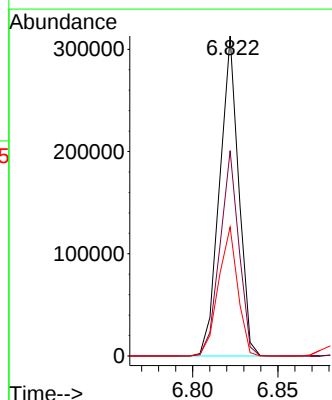
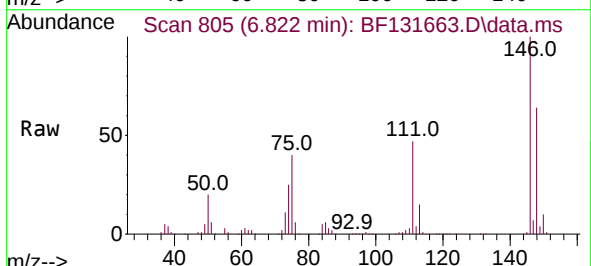
Tgt Ion:146 Resp: 243281

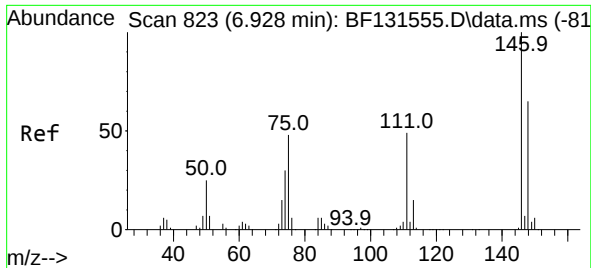
Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

75 40.3 35.1 52.7





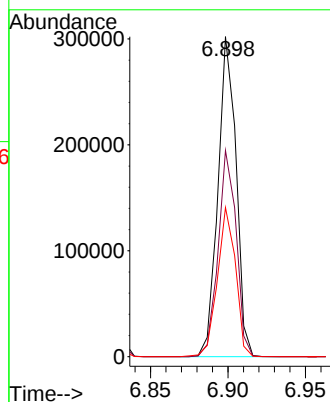
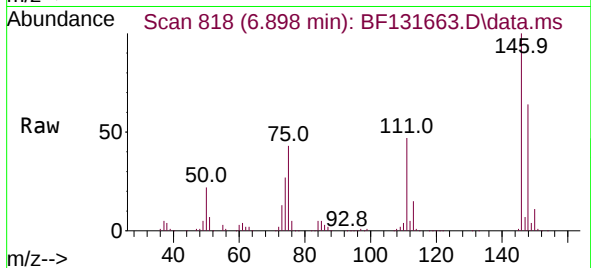
#13
1,4-Dichlorobenzene
Concen: 41.999 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS

Tgt Ion:146 Resp: 245754
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 46.6 38.9 58.3

Manual Integrations
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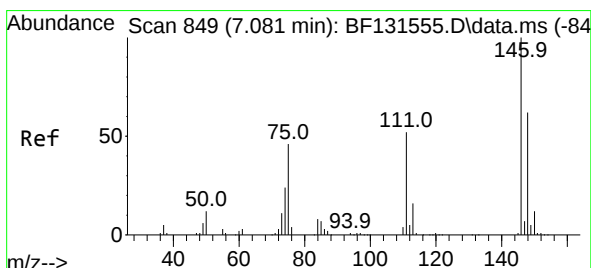
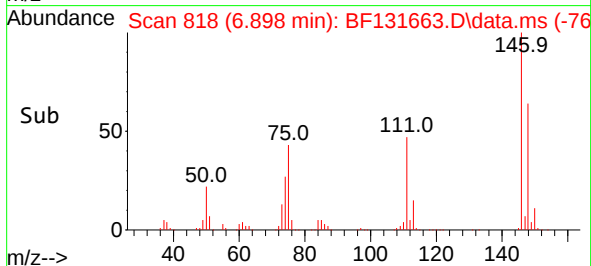
Reviewed By :Yogesh Patel 12/19/2022
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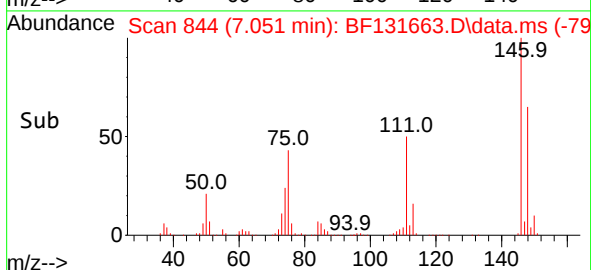
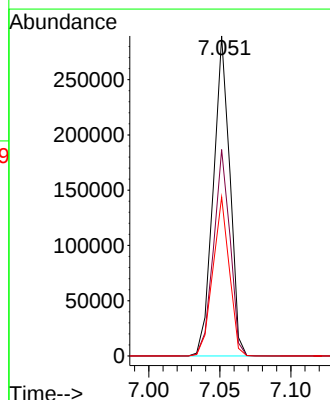
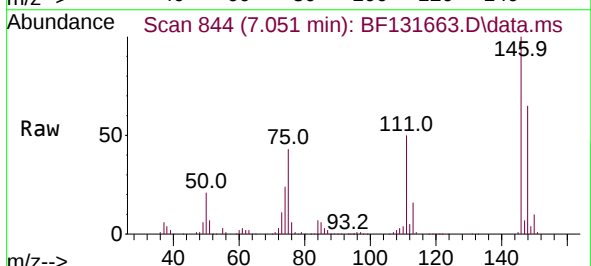
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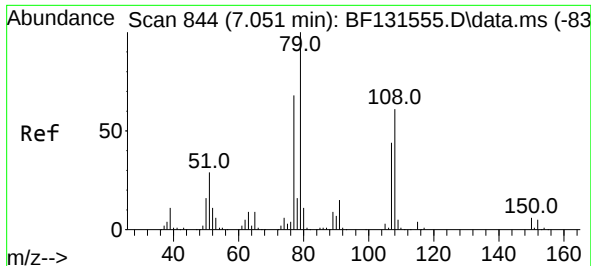
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#14
1,2-Dichlorobenzene
Concen: 41.793 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

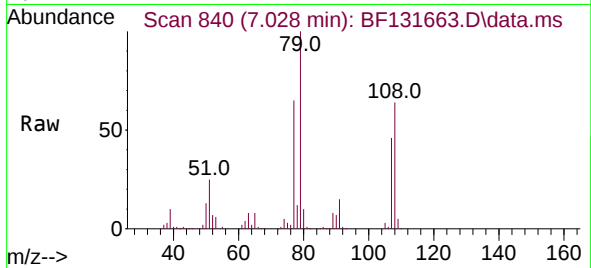
Tgt Ion:146 Resp: 233612
Ion Ratio Lower Upper
146 100
148 64.5 49.9 74.9
111 49.7 41.8 62.6





#15
Benzyl Alcohol
Concen: 43.061 ng
RT: 7.028 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



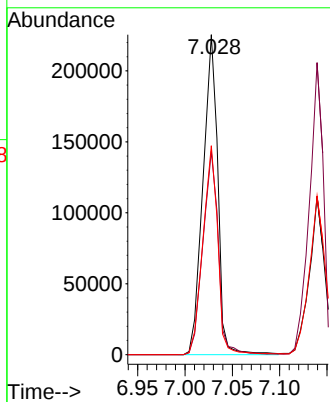
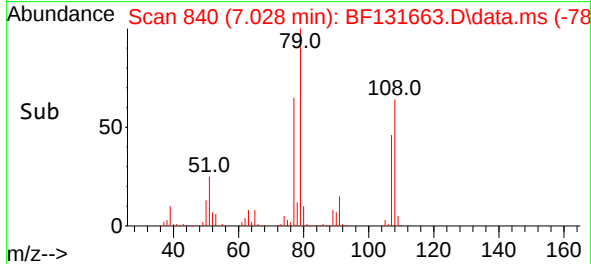
Tgt Ion: 79 Resp: 24425
Ion Ratio Lower Upper
79 100
108 63.5 49.2 73.8
77 65.3 54.5 81.7

Manual Integrations
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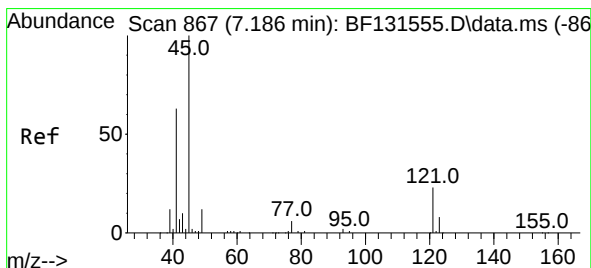
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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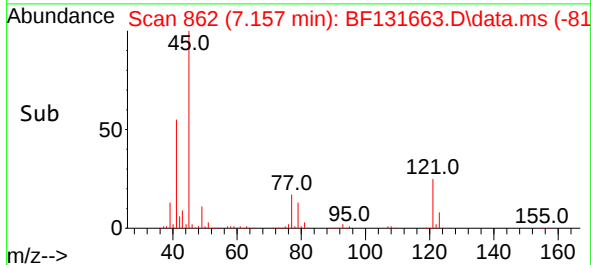
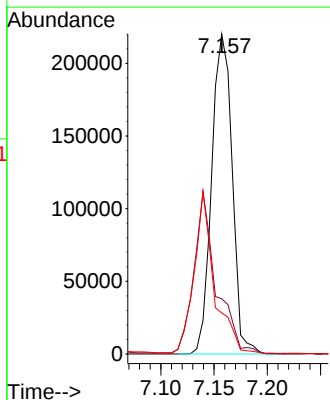
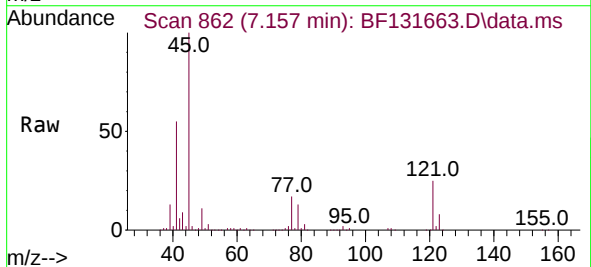


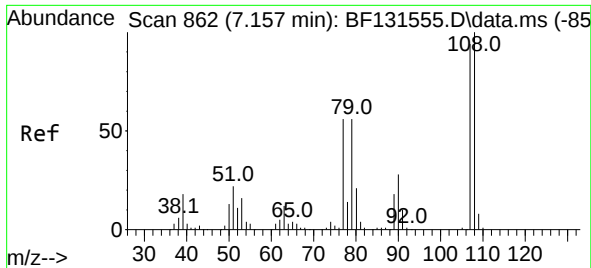
12/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.064 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

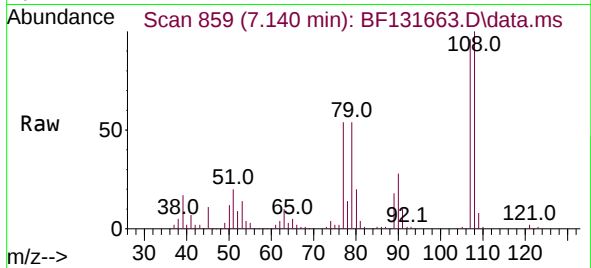
Tgt Ion: 45 Resp: 294467
Ion Ratio Lower Upper
45 100
77 17.2 0.0 37.7
79 12.8 0.0 33.6





#17
2-Methylphenol
Concen: 44.910 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



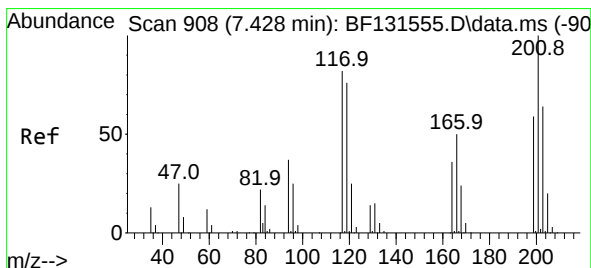
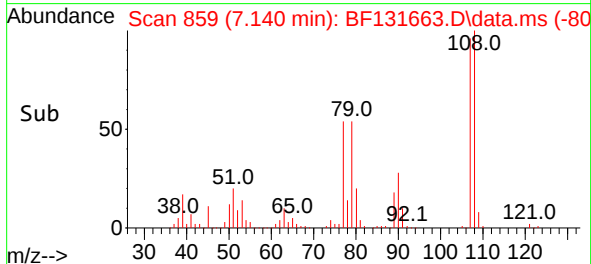
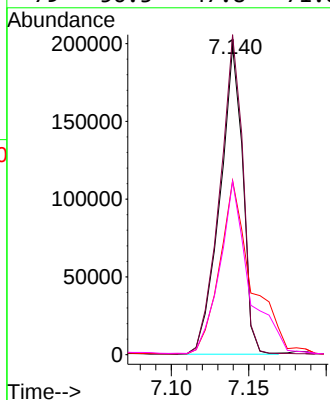
Tgt Ion:107 Resp: 202520
Ion Ratio Lower Upper
107 100
108 103.8 85.5 128.3
77 56.5 48.2 72.4
79 56.3 47.8 71.8

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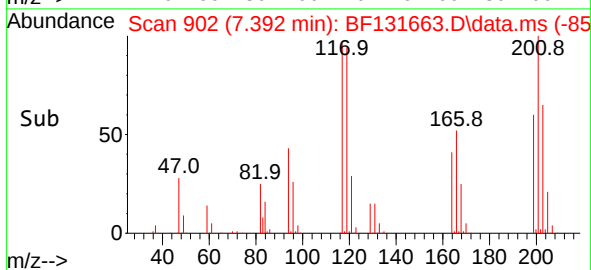
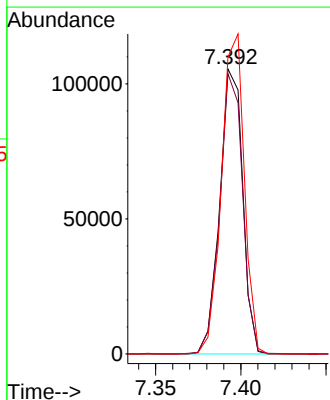
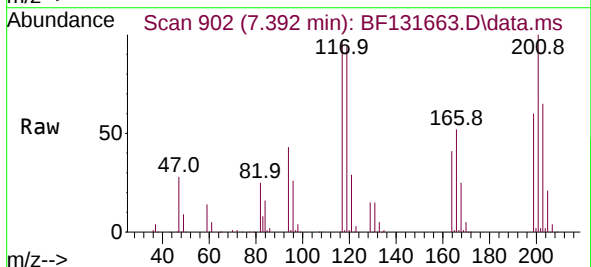
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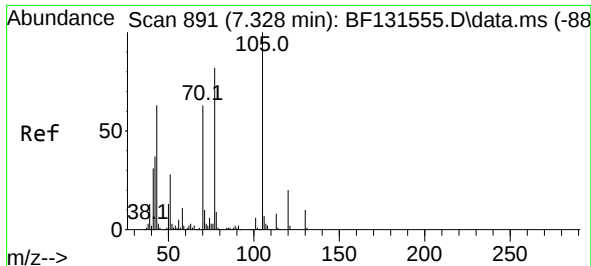
12/19/2022
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#18
Hexachloroethane
Concen: 41.881 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:117 Resp: 98859
Ion Ratio Lower Upper
117 100
119 98.3 75.0 112.4
201 104.2 98.0 147.0





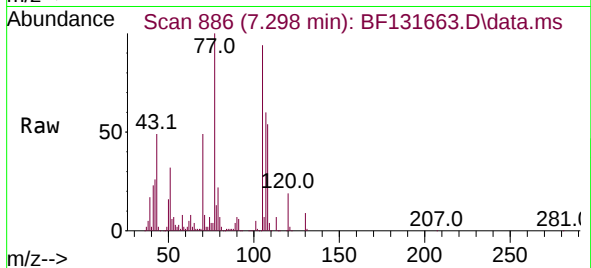
#19
n-Nitroso-di-n-propylamine
Concen: 40.730 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS



Tgt Ion: 70 Resp: 188964
Ion Ratio Lower Upper
70 100
42 54.4 46.4 69.6
101 9.5 7.2 10.8
130 17.7 13.3 19.9

Manual Integrations
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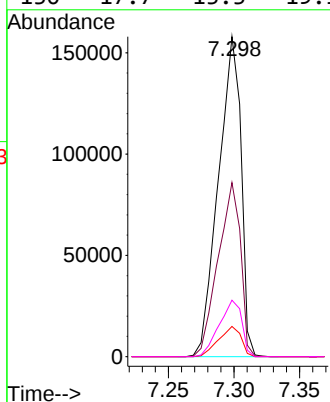
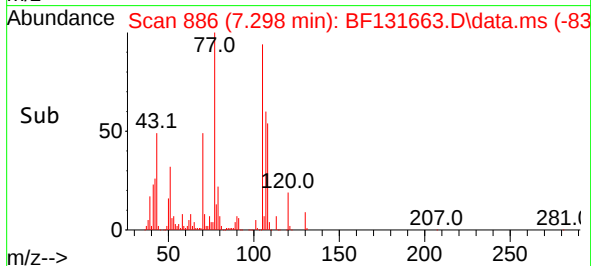
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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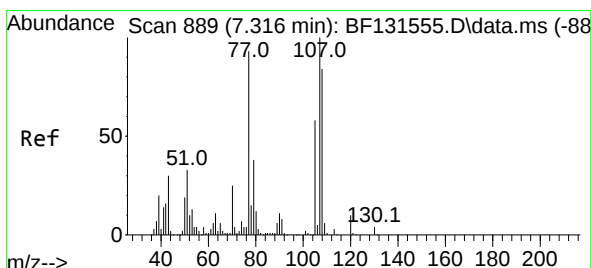
Supervised By :mohammad
ahmed

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ahmed

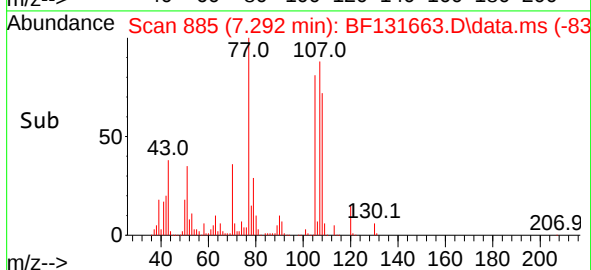
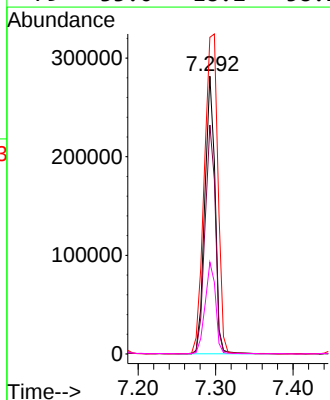
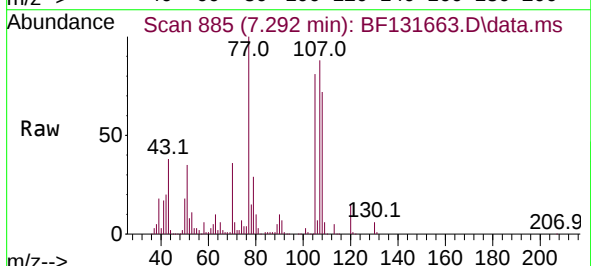


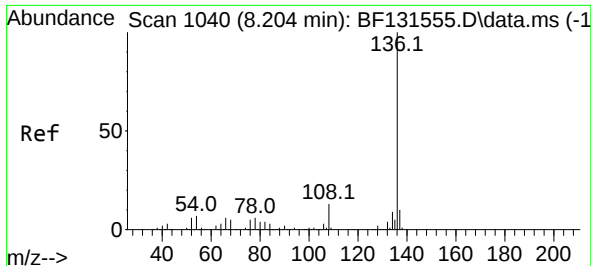
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#20
3+4-Methylphenols
Concen: 42.003 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:107 Resp: 257989
Ion Ratio Lower Upper
107 100
108 82.4 64.0 104.0
77 114.0 73.1 113.1#
79 33.0 18.2 58.2





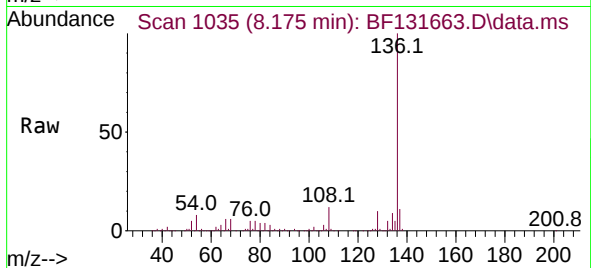
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS



Tgt Ion:136 Resp: 31386
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 7.7 6.0 9.0
68 5.6 3.8 5.8

Manual Integrations
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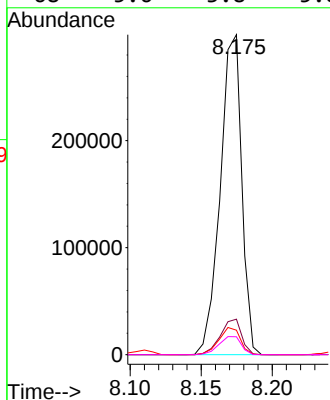
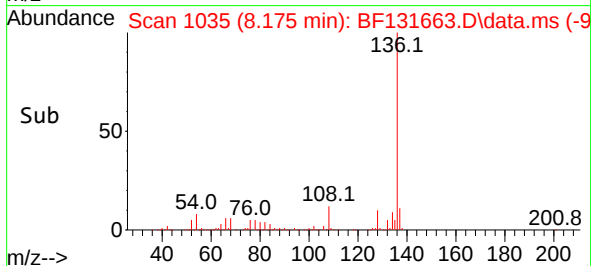
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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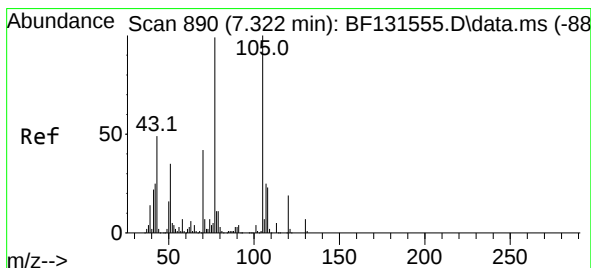
Supervised By :mohammad
ahmed

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ahmed

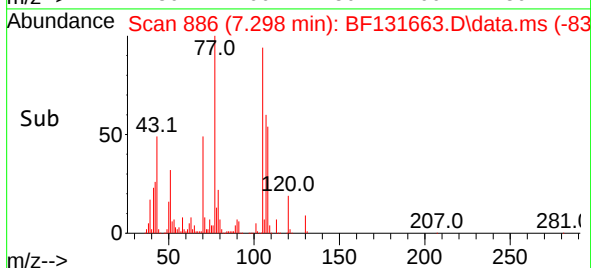
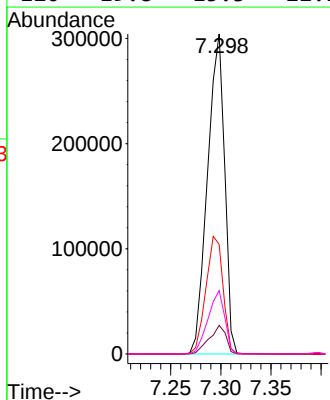
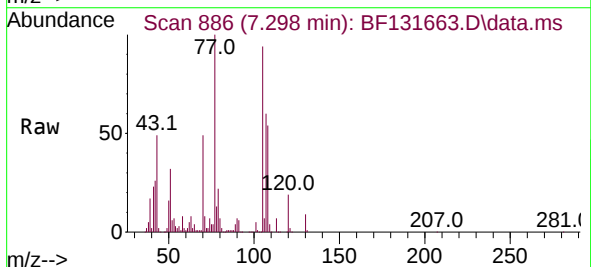


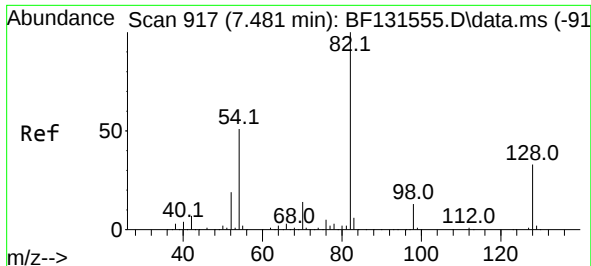
12/19/2022



#22
Acetophenone
Concen: 36.757 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:105 Resp: 361531
Ion Ratio Lower Upper
105 100
71 9.0 5.4 8.0#
51 34.3 27.8 41.6
120 19.8 15.3 22.9





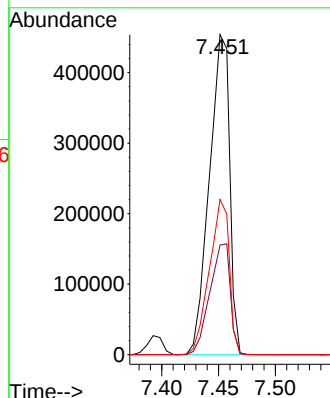
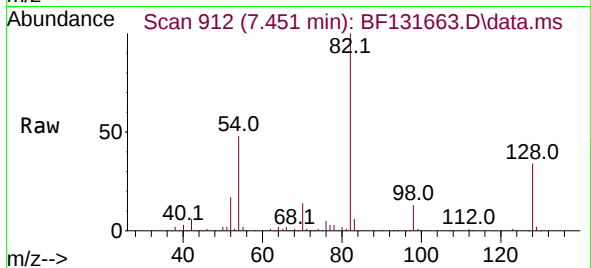
#23
Nitrobenzene-d5
Concen: 67.878 ng
RT: 7.451 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS

Tgt Ion: 82 Resp: 56351
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 48.5 40.6 60.8

Manual Integrations
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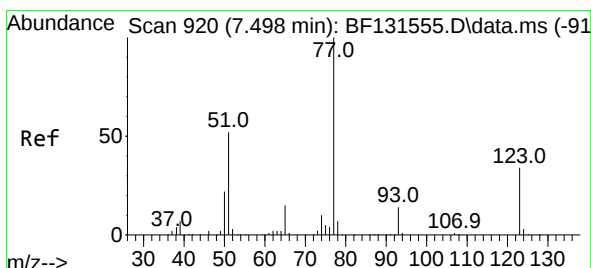
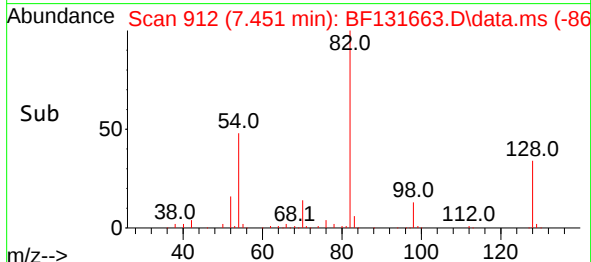
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



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Supervised By :mohammad
ahmed

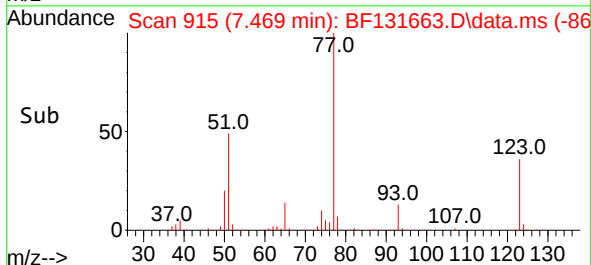
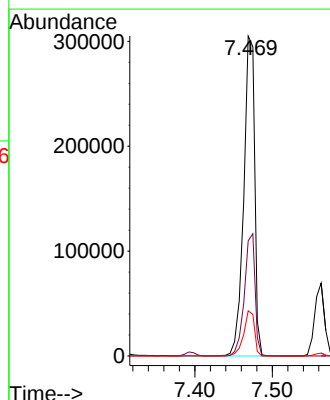
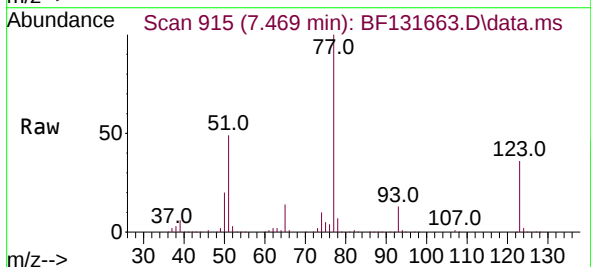
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Supervised By :mohammad
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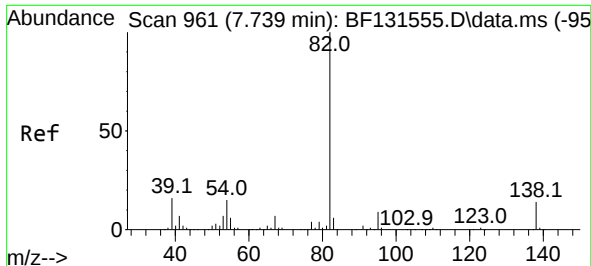
12/19/2022



#24
Nitrobenzene
Concen: 35.991 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion: 77 Resp: 301358
Ion Ratio Lower Upper
77 100
123 36.0 27.1 40.7
65 14.1 11.9 17.9





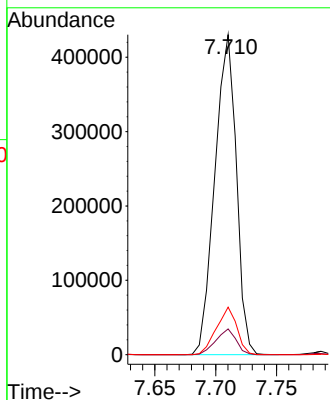
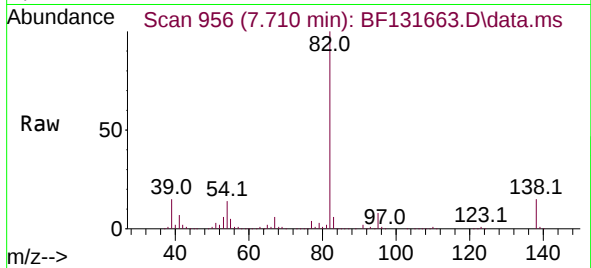
#25
Isophorone
Concen: 39.563 ng
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS

Tgt Ion: 82 Resp: 529049
Ion Ratio Lower Upper
82 100
95 8.0 6.9 10.3
138 14.9 11.4 17.0

Manual Integrations
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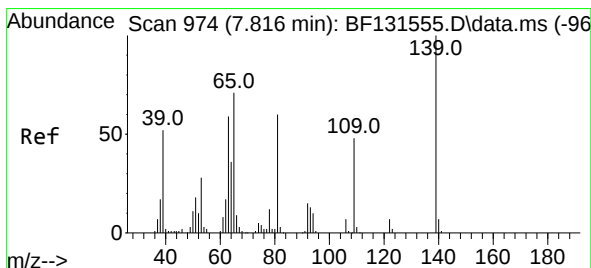
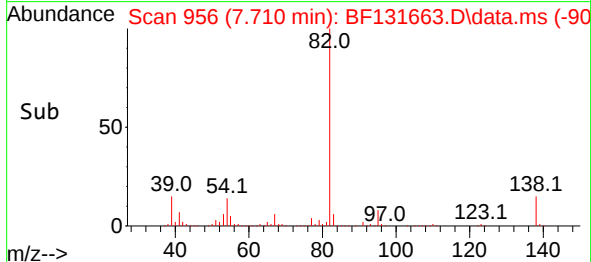
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



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Supervised By :mohammad
ahmed

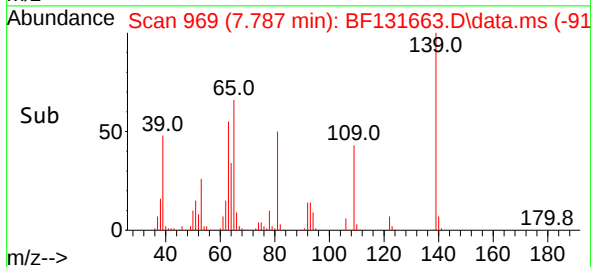
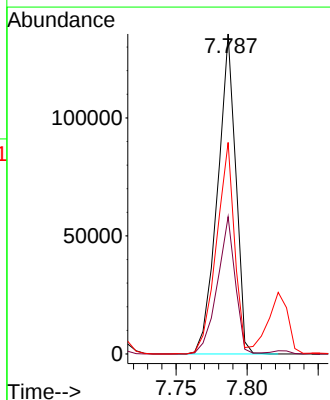
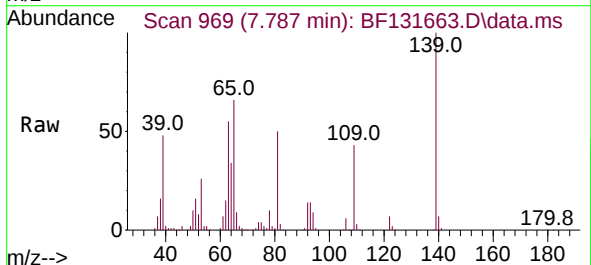
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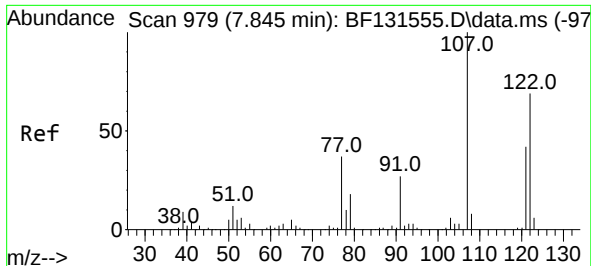
12/19/2022



#26
2-Nitrophenol
Concen: 42.260 ng
RT: 7.787 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:139 Resp: 120669
Ion Ratio Lower Upper
139 100
109 42.9 38.6 58.0
65 66.1 56.5 84.7





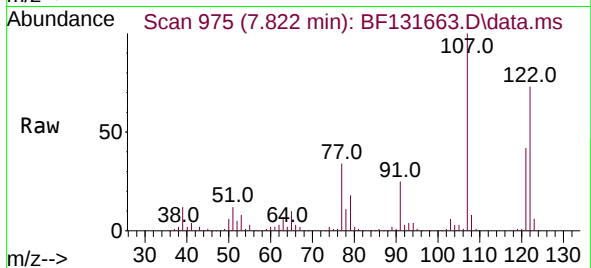
#27
2,4-Dimethylphenol
Concen: 46.082 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS



Tgt Ion:122 Resp: 20168
Ion Ratio Lower Upper
122 100
107 137.1 114.2 171.2
121 58.2 48.2 72.2

Manual Integrations
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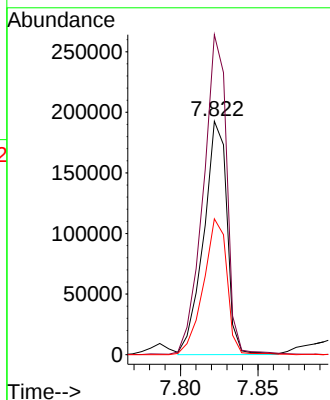
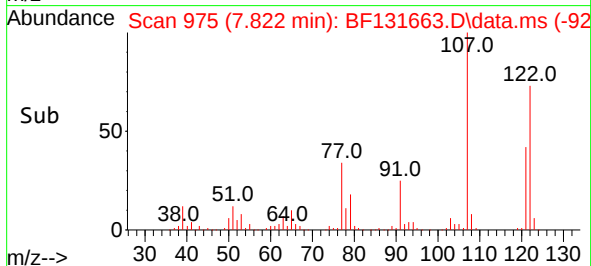
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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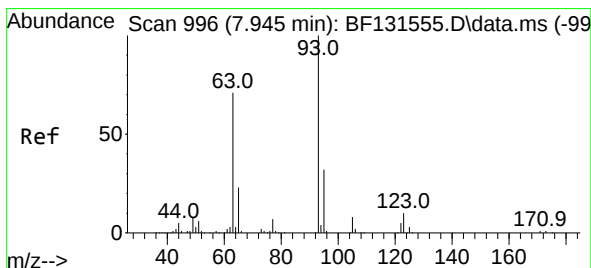
Supervised By :mohammad
ahmed

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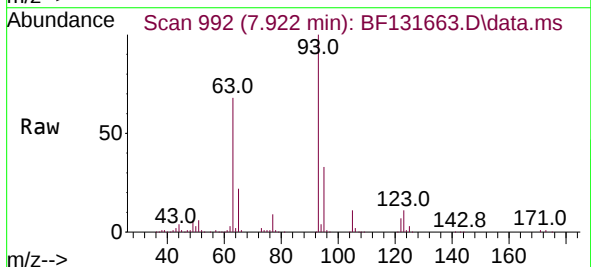
Supervised By :mohammad
ahmed



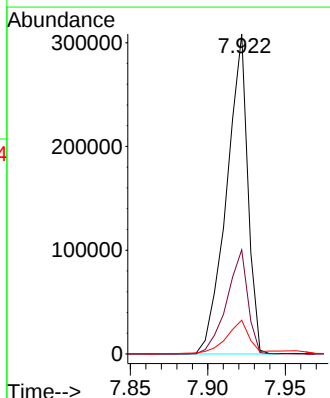
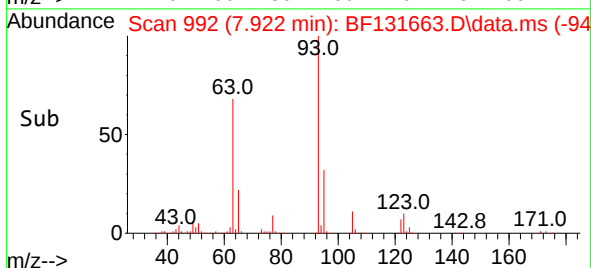
12/19/2022

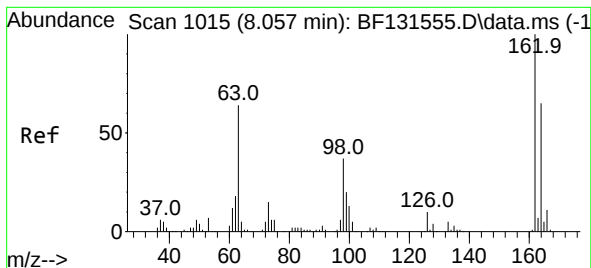


#28
bis(2-Chloroethoxy)methane
Concen: 42.387 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



Tgt Ion: 93 Resp: 293218
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 10.6 8.1 12.1





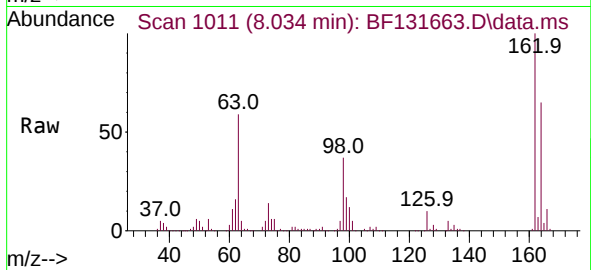
#29
2,4-Dichlorophenol
Concen: 38.011 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS



Tgt Ion:162 Resp: 205690
Ion Ratio Lower Upper
162 100
164 65.4 45.0 85.0
98 37.5 16.6 56.6

Manual Integrations
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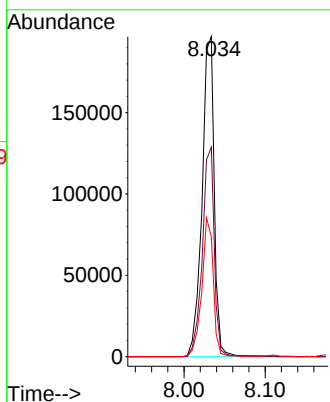
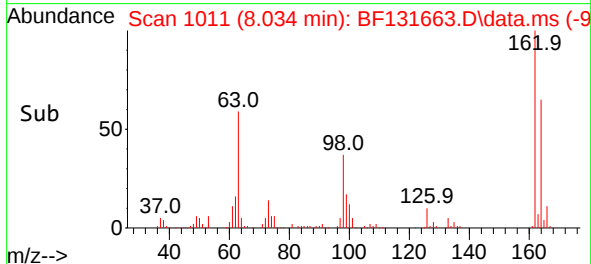
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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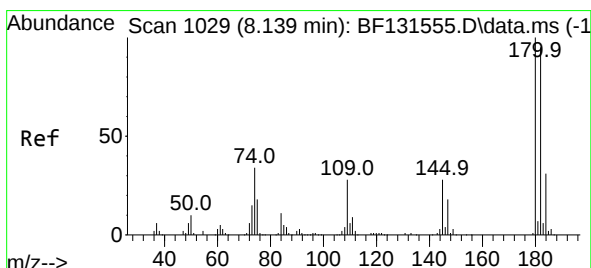
Supervised By :mohammad
ahmed

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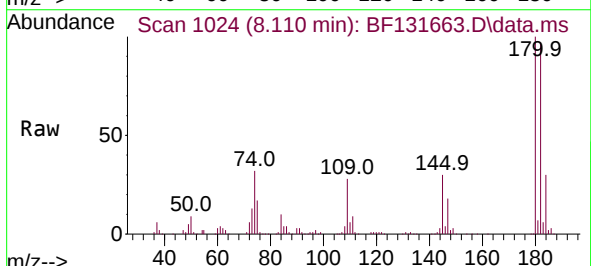
Supervised By :mohammad
ahmed



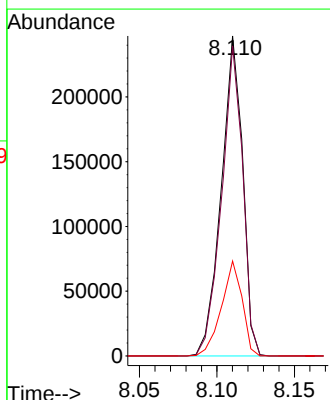
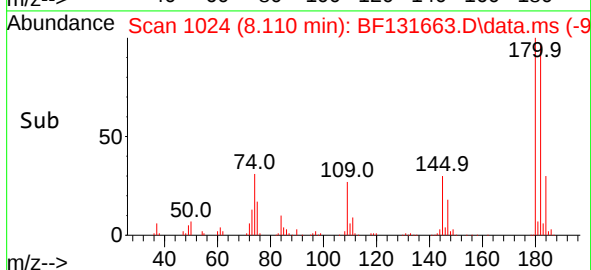
12/19/2022

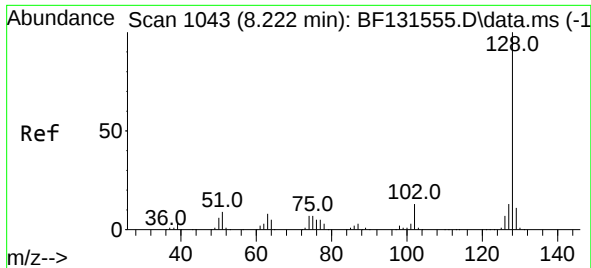


#30
1,2,4-Trichlorobenzene
Concen: 35.720 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



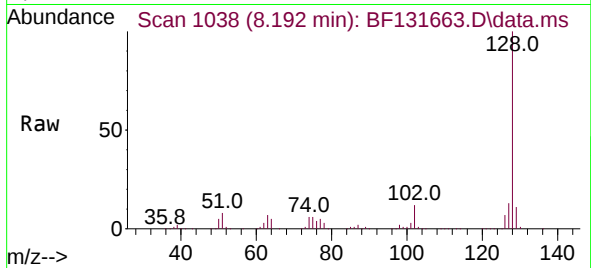
Tgt Ion:180 Resp: 237049
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.6
145 29.7 22.4 33.6





#31
Naphthalene
Concen: 36.360 ng
RT: 8.192 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



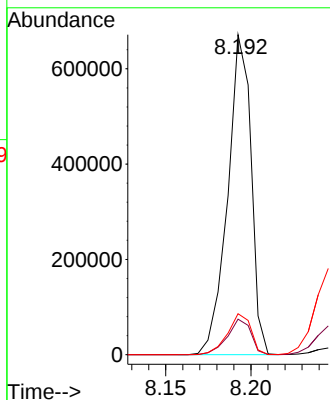
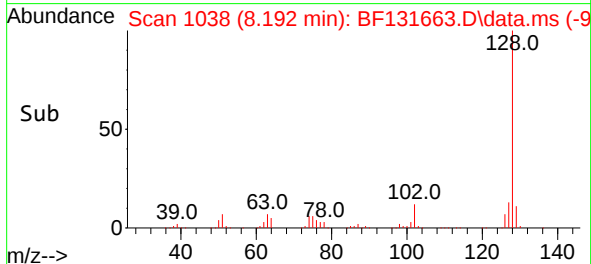
Tgt Ion:128 Resp: 642774
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.8 10.6 15.8

Manual Integrations
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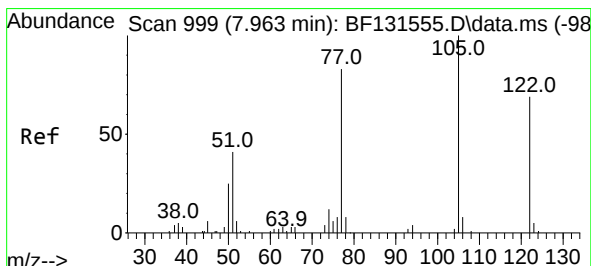
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad
ahmed

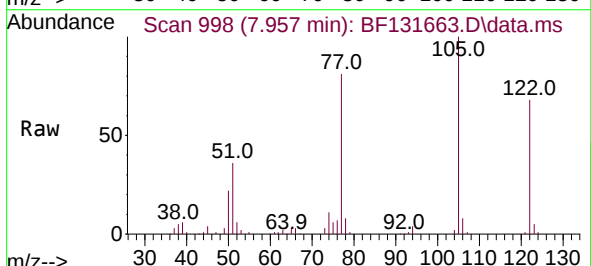
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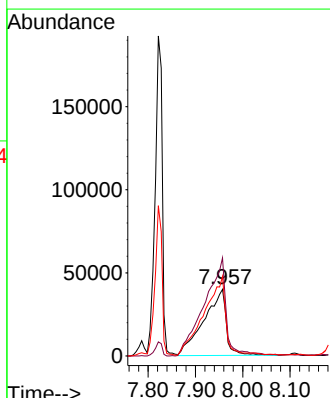
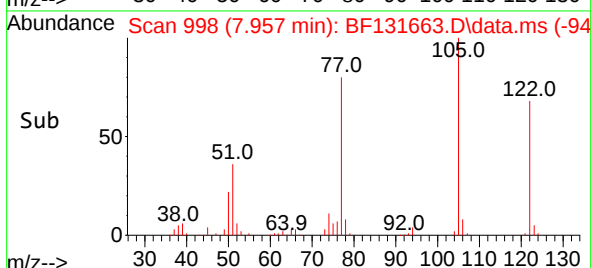
12/19/2022

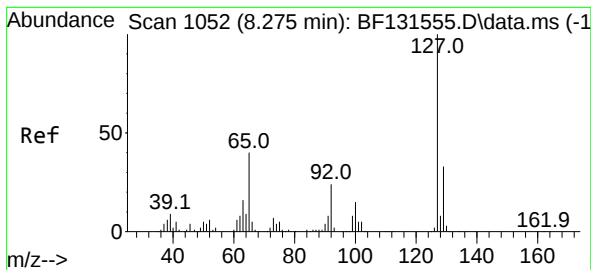


#32
Benzoic acid
Concen: 41.444 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



Tgt Ion:122 Resp: 131360
Ion Ratio Lower Upper
122 100
105 147.3 119.8 159.8
77 119.7 97.6 137.6





#33
4-Chloroaniline
Concen: 25.838 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion:127 Resp: 17121
Ion Ratio Lower Upper
127 100
129 33.4 26.4 39.6
65 37.1 31.9 47.9
92 22.4 19.1 28.7

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Supervised By :mohammad ahmed 12/19/2022

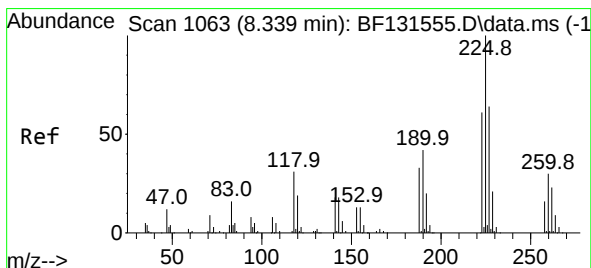
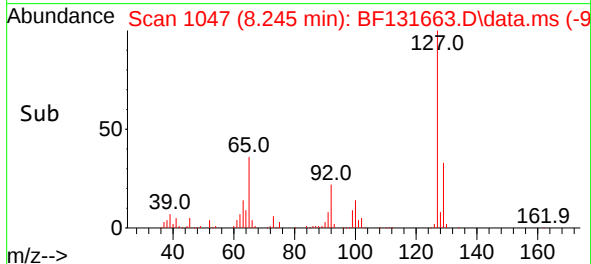
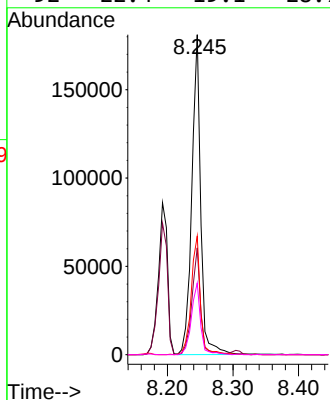
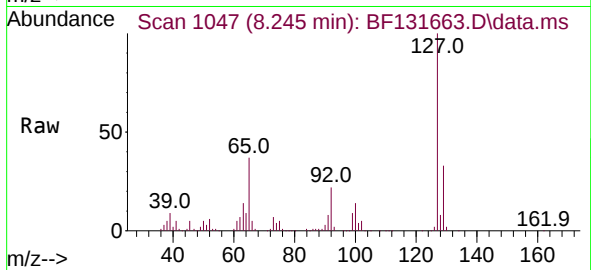
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ahmed

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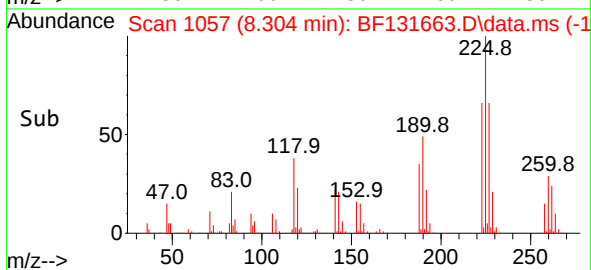
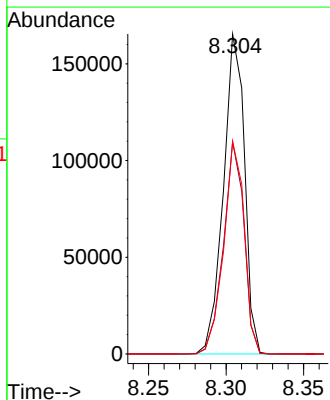
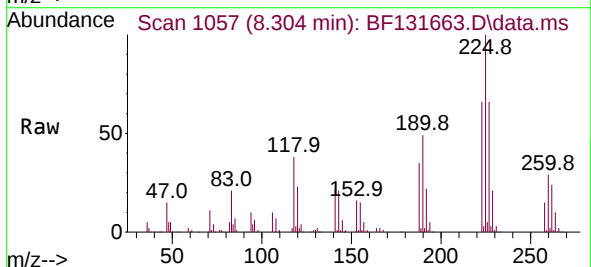
Supervised By :mohammad
ahmed

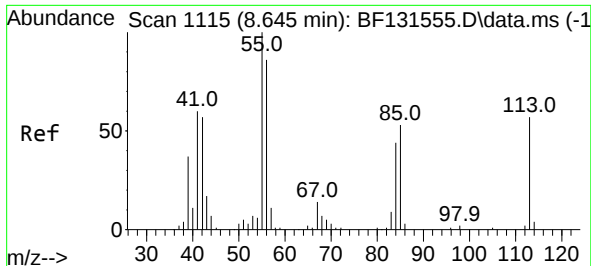
12/19/2022



#34
Hexachlorobutadiene
Concen: 33.469 ng
RT: 8.304 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

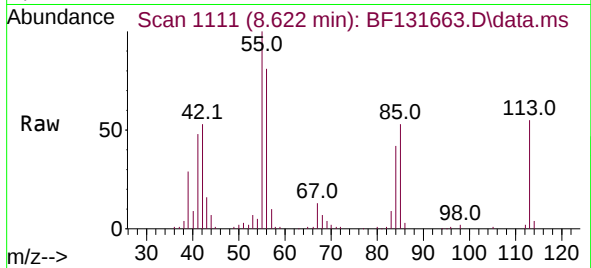
Tgt Ion:225 Resp: 156541
Ion Ratio Lower Upper
225 100
223 66.3 48.7 73.1
227 66.4 51.0 76.6





#35
Caprolactam
Concen: 45.274 ng m
RT: 8.622 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



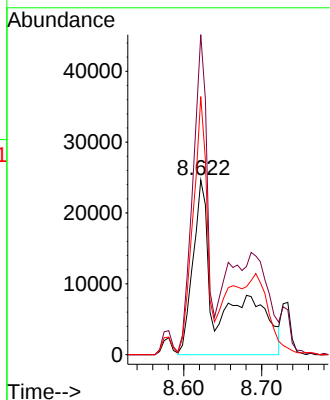
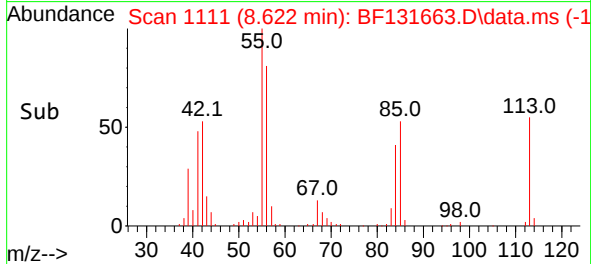
Tgt Ion:113 Resp: 6337
Ion Ratio Lower Upper
113 100
55 183.1 155.8 195.8
56 147.7 131.7 171.7

Manual Integrations
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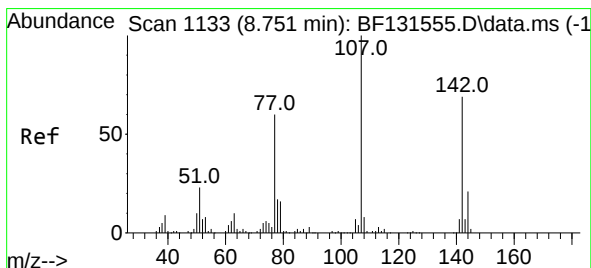
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad
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Supervised By :mohammad
ahmed

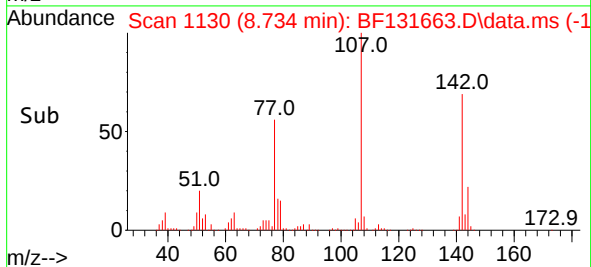
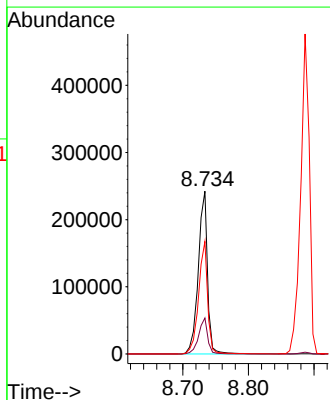
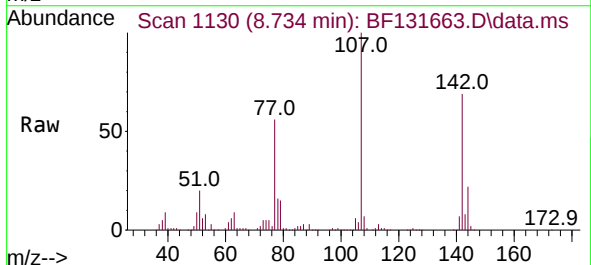


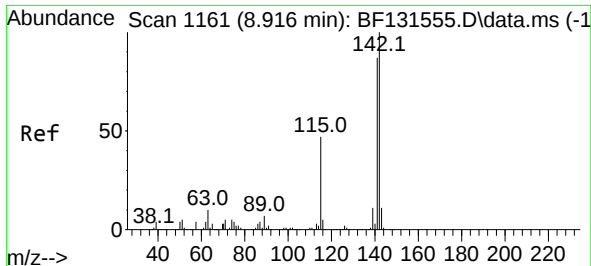
12/19/2022



#36
4-Chloro-3-methylphenol
Concen: 39.296 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:107 Resp: 238789
Ion Ratio Lower Upper
107 100
144 22.2 17.0 25.4
142 69.1 54.8 82.2





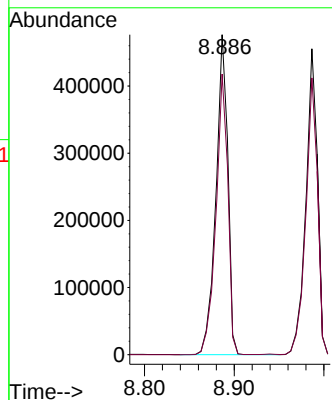
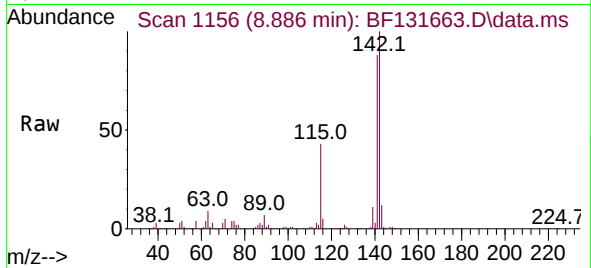
#37
2-Methylnaphthalene
Concen: 36.293 ng
RT: 8.886 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS

Tgt Ion:142 Resp: 438774
Ion Ratio Lower Upper
142 100
141 87.7 69.7 104.5

Manual Integrations
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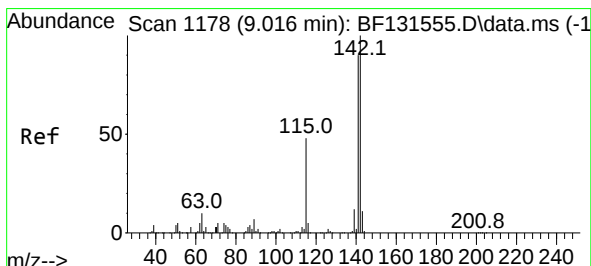
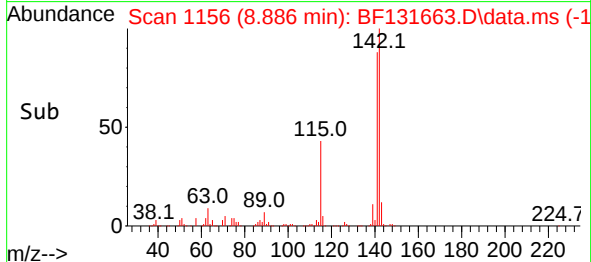
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



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Supervised By :mohammad
ahmed

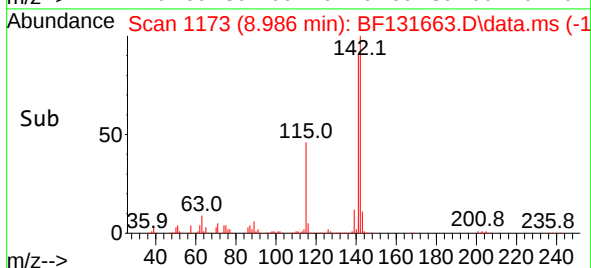
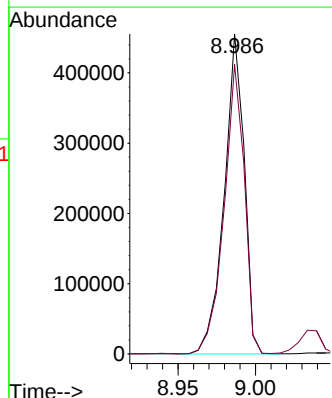
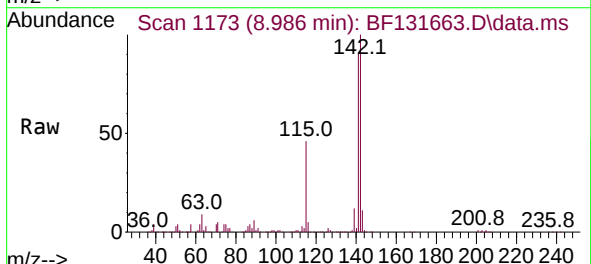
12/19/2022
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ahmed

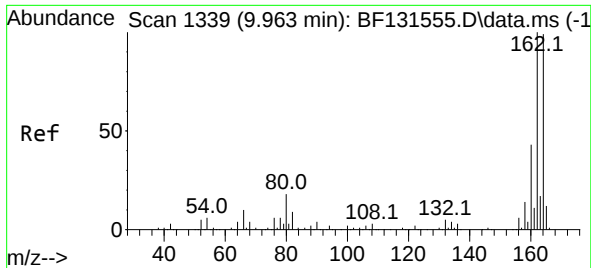
12/19/2022



#38
1-Methylnaphthalene
Concen: 35.272 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:142 Resp: 409361
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9





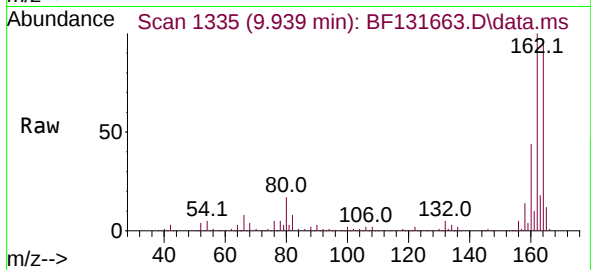
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS



Tgt Ion:164 Resp: 193712
Ion Ratio Lower Upper
164 100
162 104.1 81.0 121.6
160 45.3 35.0 52.6

Manual Integrations

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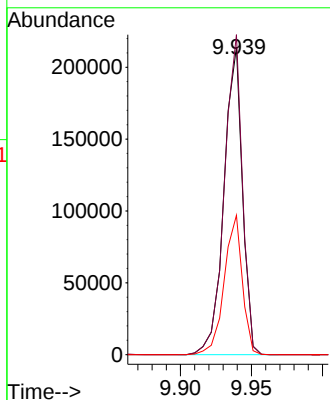
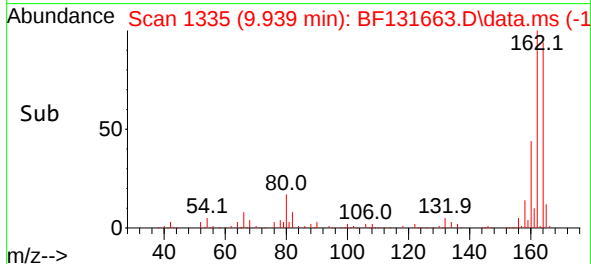
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

12/19/2022

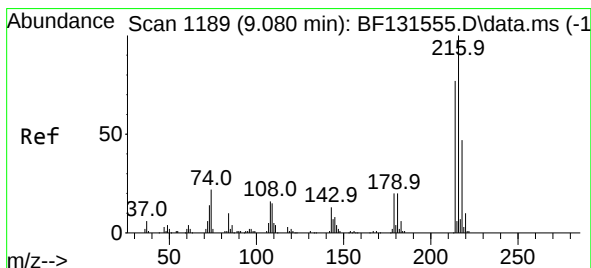
Supervised By :mohammad
ahmed

12/19/2022

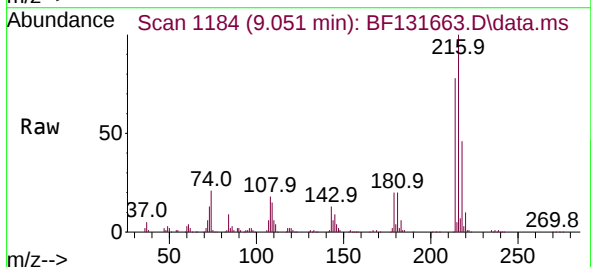
Supervised By :mohammad
ahmed



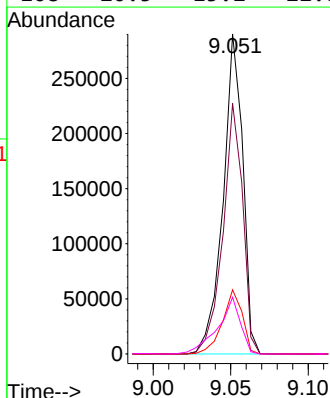
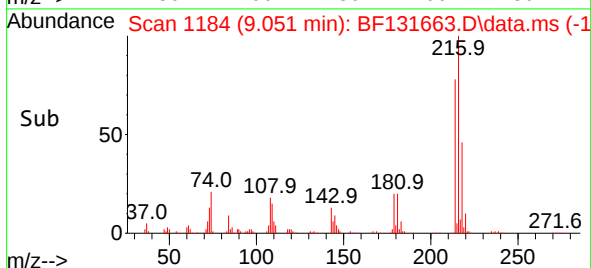
12/19/2022

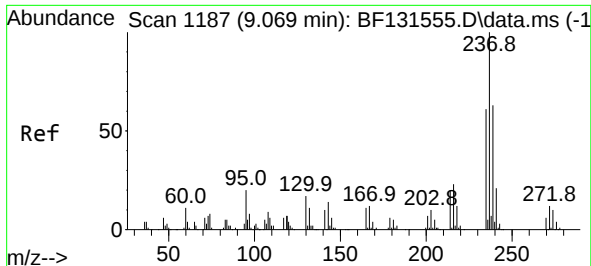


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.734 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



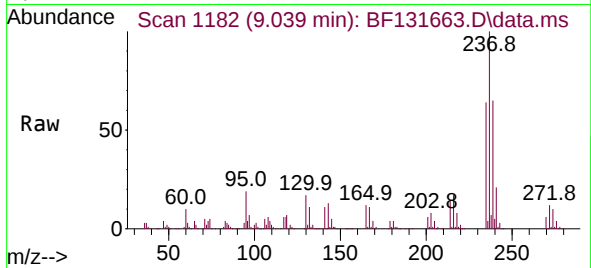
Tgt Ion:216 Resp: 256244
Ion Ratio Lower Upper
216 100
214 78.3 62.1 93.1
179 20.4 16.0 24.0
108 20.5 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 78.190 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



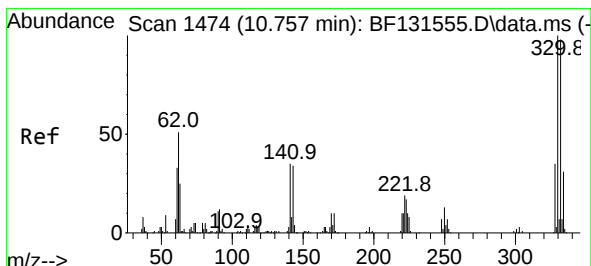
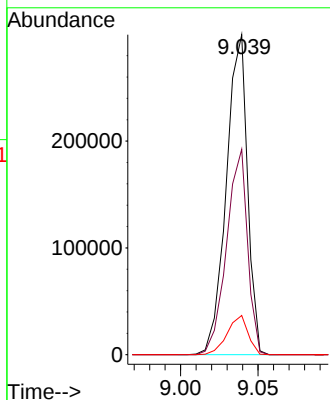
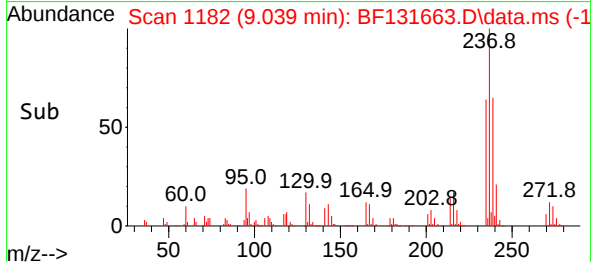
Tgt Ion:237 Resp: 284590
Ion Ratio Lower Upper
237 100
235 64.2 40.6 80.6
272 12.3 0.0 32.2

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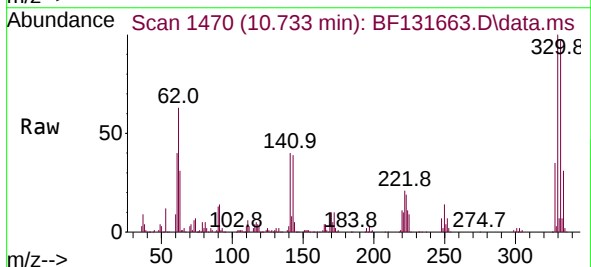
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad
ahmed

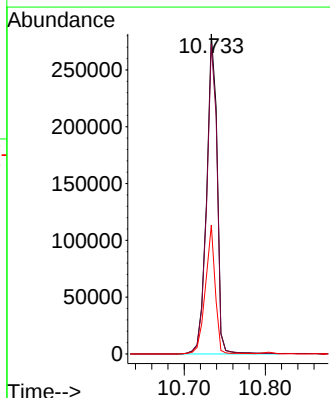
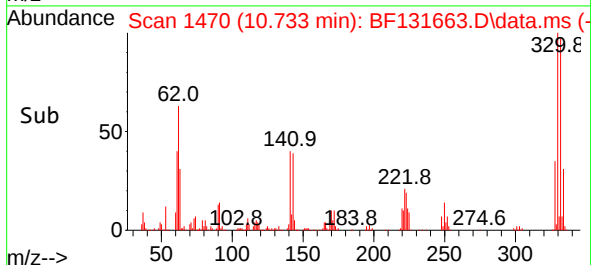
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Supervised By :mohammad
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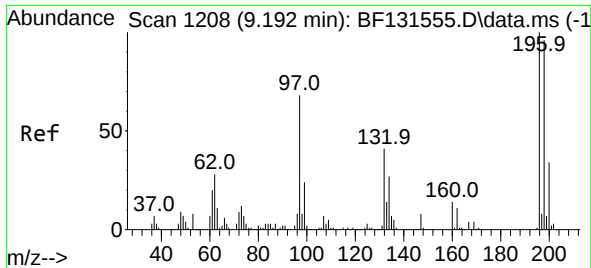


#42
2,4,6-Tribromophenol
Concen: 117.614 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



Tgt Ion:330 Resp: 253129
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 37.7 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 36.424 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion:196 Resp: 16155
Ion Ratio Lower Upper
196 100
198 93.7 76.9 115.3
200 30.7 26.9 40.3

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Supervised By :mohammad ahmed 12/19/2022

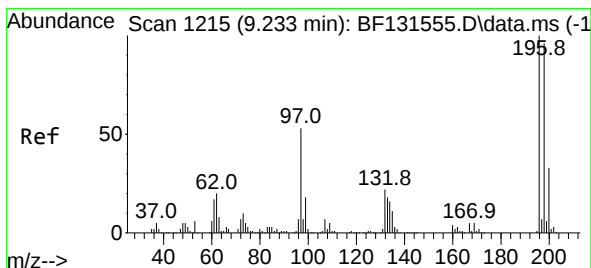
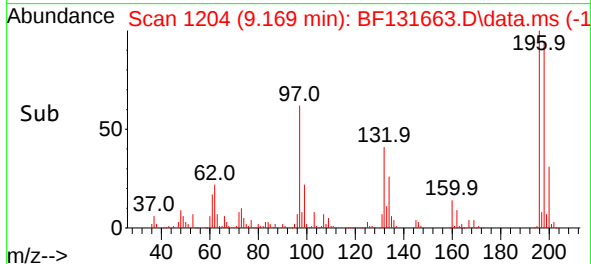
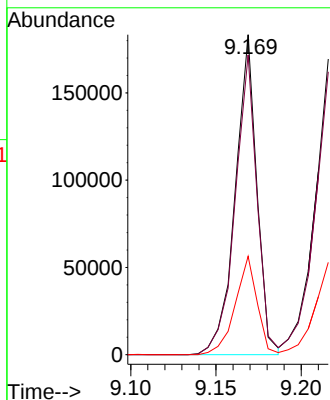
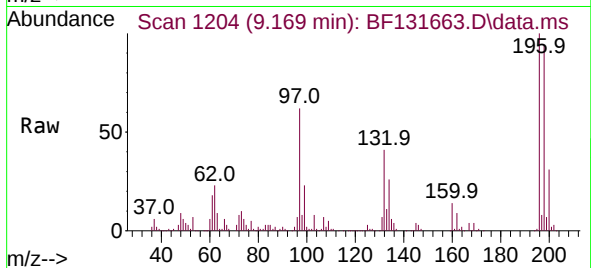
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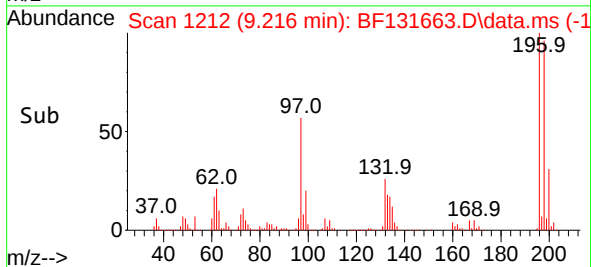
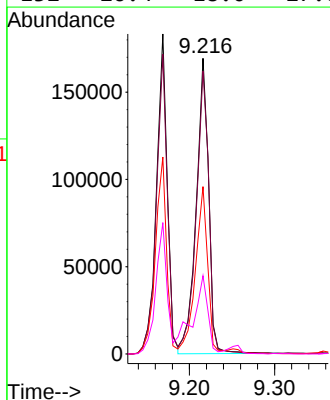
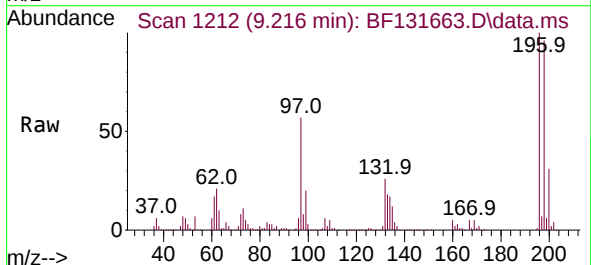
Supervised By :mohammad
ahmed

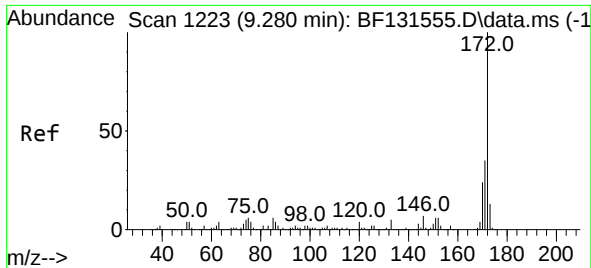
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#44
2,4,5-Trichlorophenol
Concen: 36.154 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

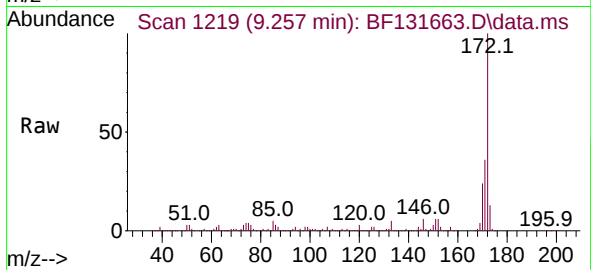
Tgt Ion:196 Resp: 172455
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 56.6 42.2 63.2
132 26.4 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 64.534 ng
RT: 9.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



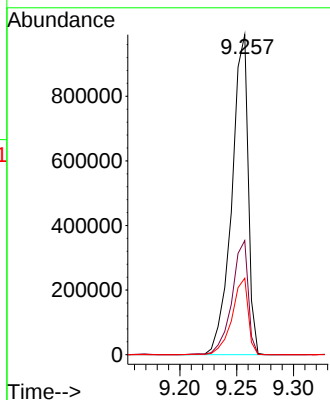
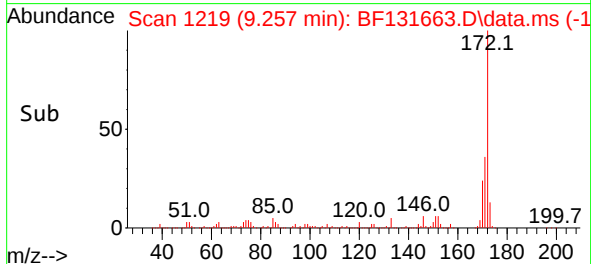
Tgt Ion:172 Resp: 99145
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.9 19.3 28.9

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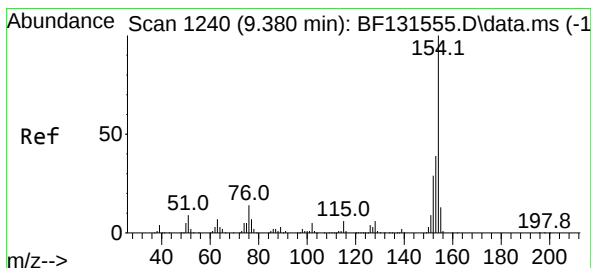
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad
ahmed

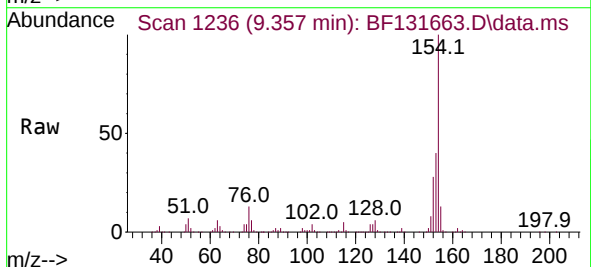
12/19/2022
Supervised By :mohammad
ahmed



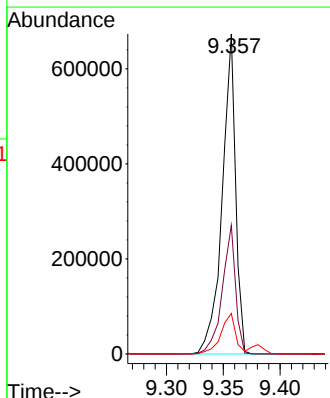
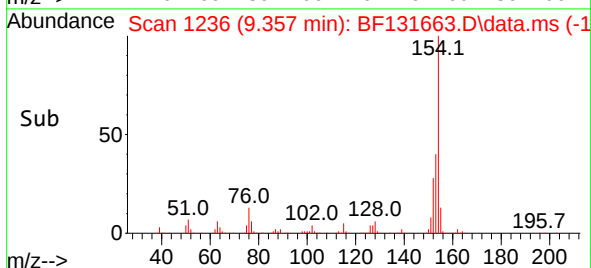
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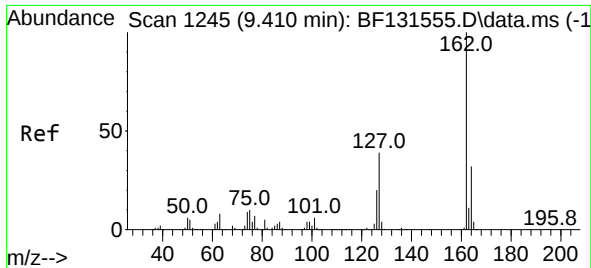


#46
1,1'-Biphenyl
Concen: 36.222 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



Tgt Ion:154 Resp: 554779
Ion Ratio Lower Upper
154 100
153 40.2 19.4 59.4
76 12.6 0.0 34.0





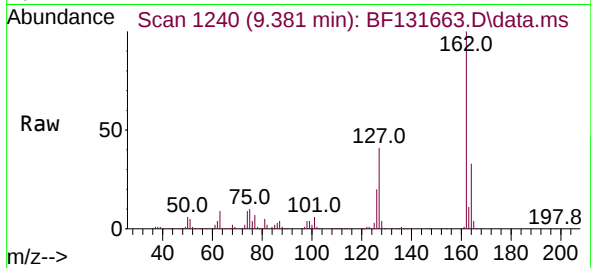
#47
2-Chloronaphthalene
Concen: 35.815 ng
RT: 9.381 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS



Tgt Ion:162 Resp: 44692
Ion Ratio Lower Upper
162 100
127 40.8 31.4 47.2
164 32.8 25.8 38.8

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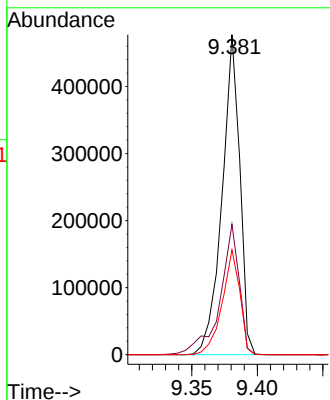
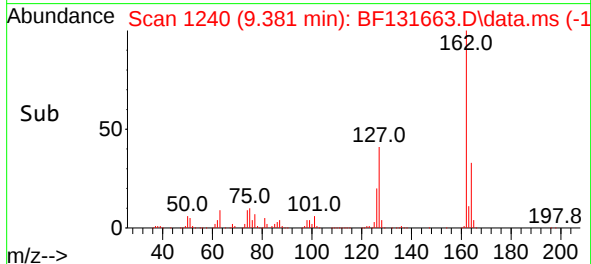
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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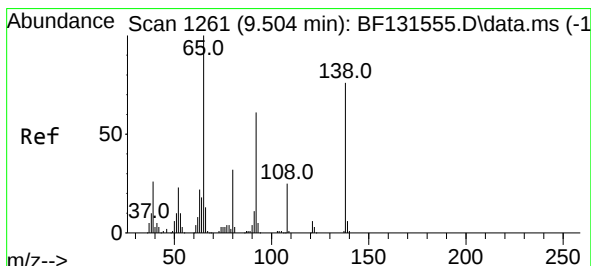
Supervised By :mohammad
ahmed

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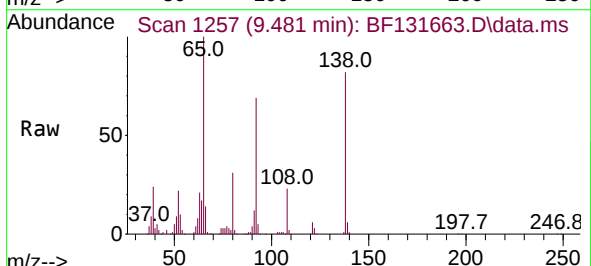
Supervised By :mohammad
ahmed



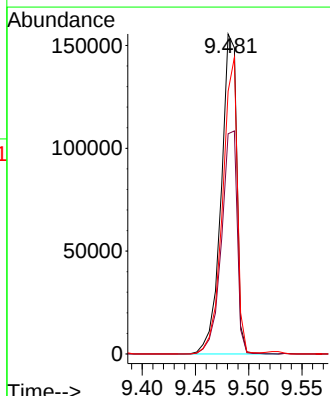
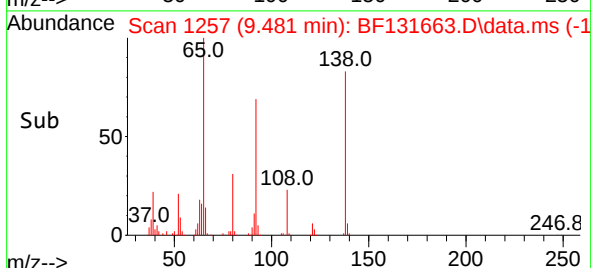
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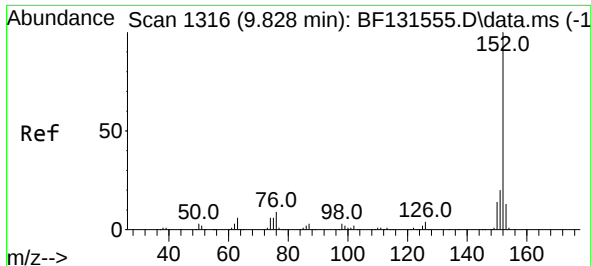


#48
2-Nitroaniline
Concen: 35.915 ng
RT: 9.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



Tgt Ion: 65 Resp: 158757
Ion Ratio Lower Upper
65 100
92 68.8 49.2 73.8
138 82.1 60.7 91.1





#49
Acenaphthylene
Concen: 36.539 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion:152 Resp: 66946
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.5 10.4 15.6

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Supervised By :mohammad ahmed 12/19/2022

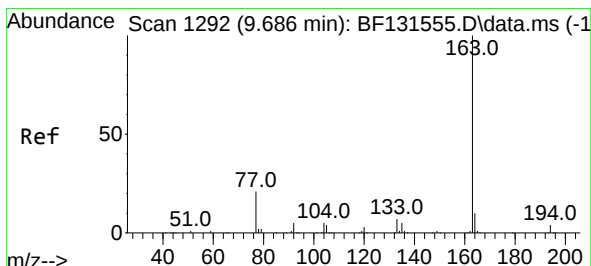
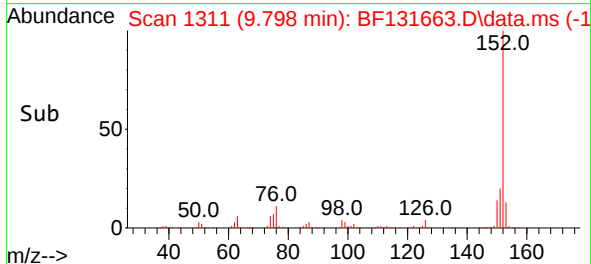
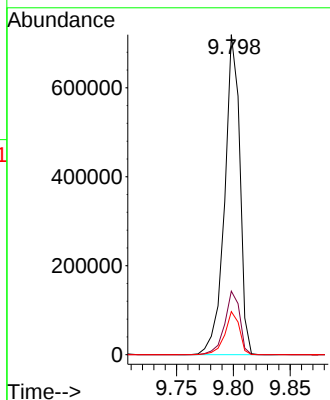
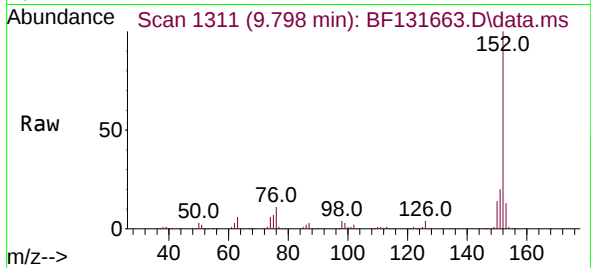
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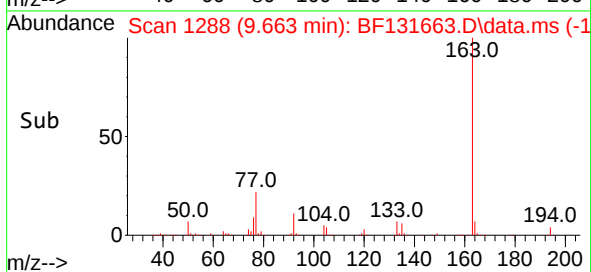
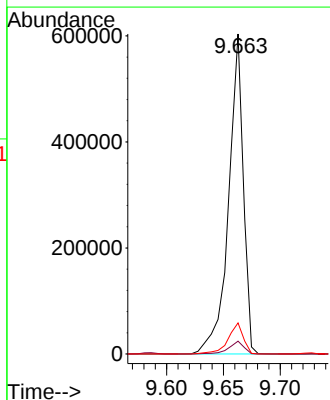
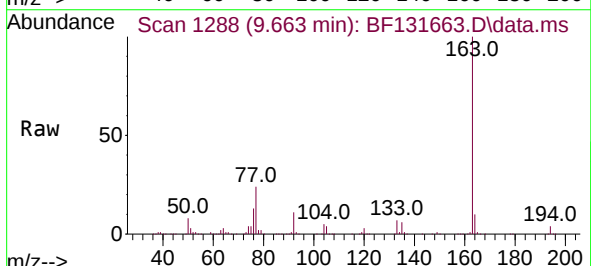
Supervised By :mohammad
ahmed

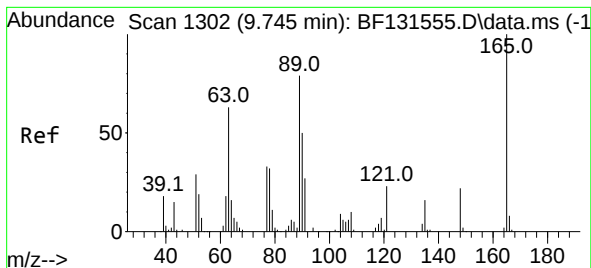
12/19/2022



#50
Dimethylphthalate
Concen: 36.876 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

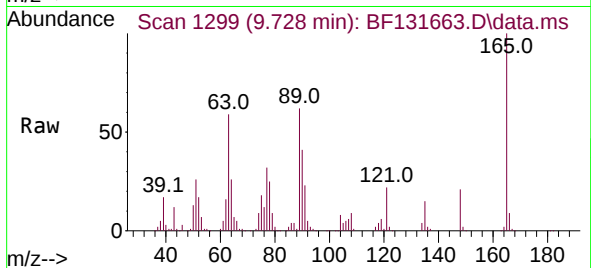
Tgt Ion:163 Resp: 544551
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 38.808 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



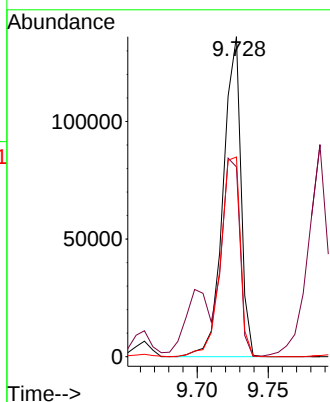
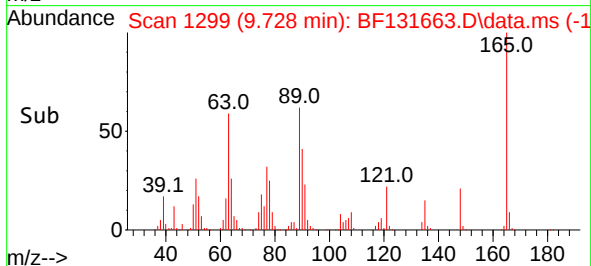
Tgt Ion:165 Resp: 118309
Ion Ratio Lower Upper
165 100
63 59.3 67.9 101.9
89 62.4 63.2 94.8

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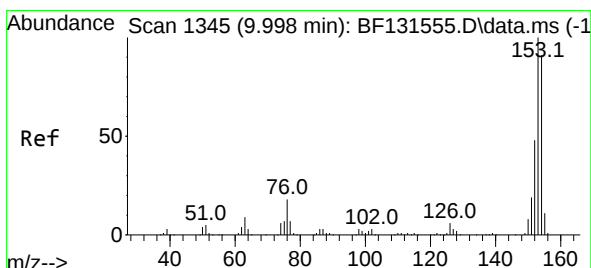
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad
ahmed

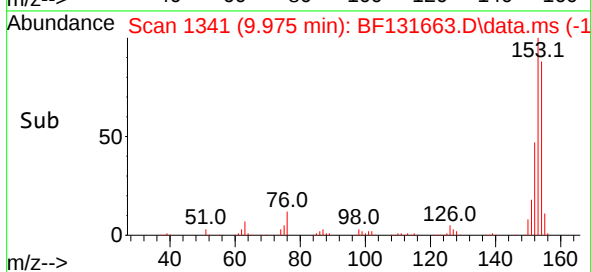
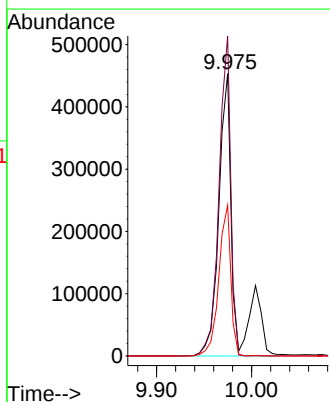
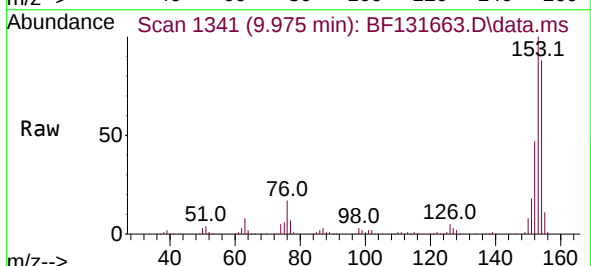


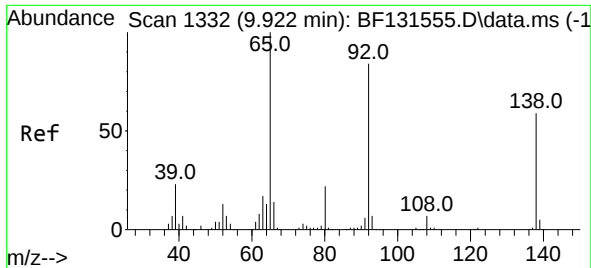
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#52
Acenaphthene
Concen: 40.908 ng m
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:154 Resp: 502118
Ion Ratio Lower Upper
154 100
153 113.4 87.9 131.9
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 28.449 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion:138 Resp: 8321
Ion Ratio Lower Upper
138 100
108 12.2 9.6 14.4
92 136.8 113.4 170.0

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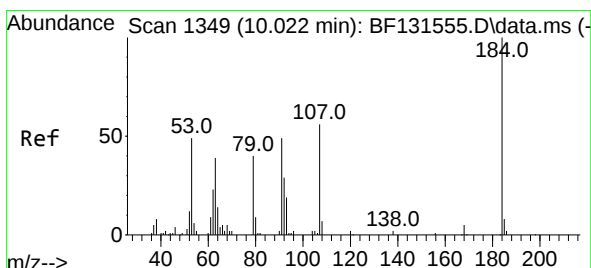
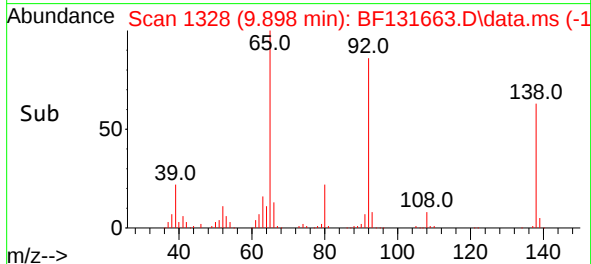
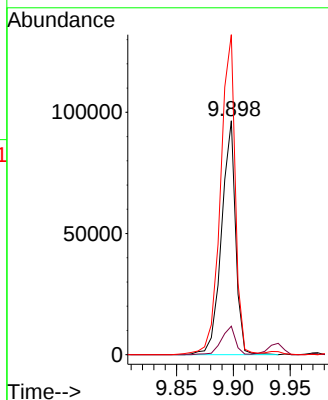
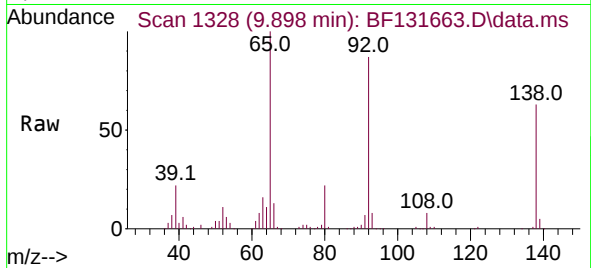
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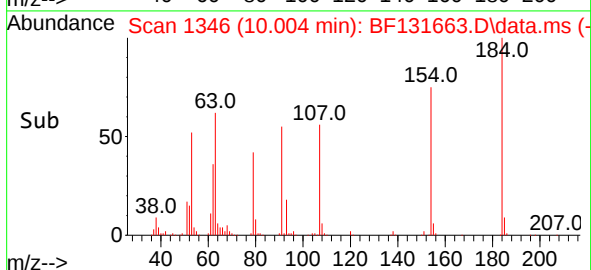
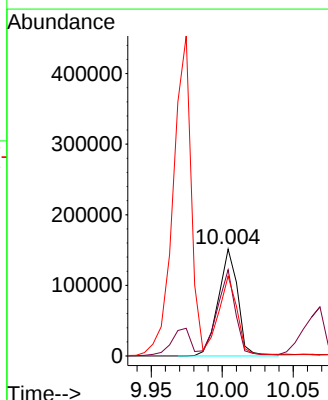
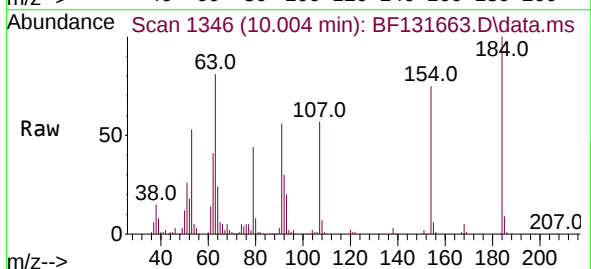
Supervised By :mohammad
ahmed

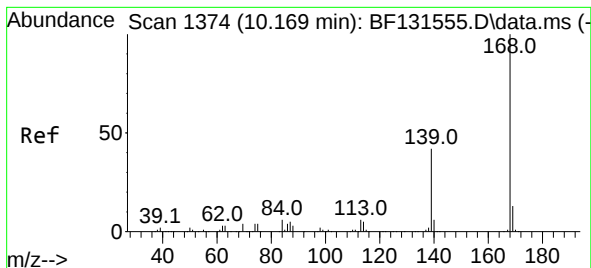
12/19/2022



#54
2,4-Dinitrophenol
Concen: 82.917 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

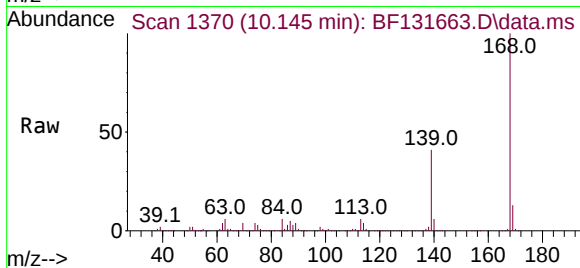
Tgt Ion:184 Resp: 144978
Ion Ratio Lower Upper
184 100
63 80.7 60.7 91.1
154 74.7 59.0 88.6





#55
Dibenzenofuran
Concen: 36.178 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



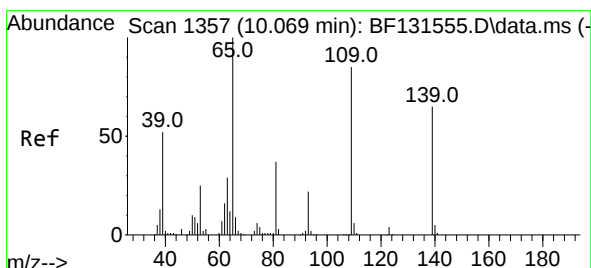
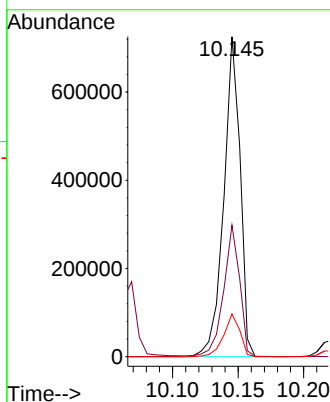
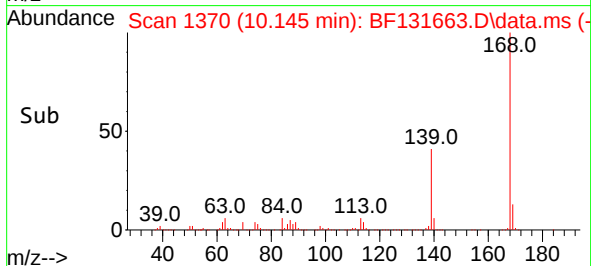
Tgt Ion:168 Resp: 627429
Ion Ratio Lower Upper
168 100
139 41.1 33.9 50.9
169 13.3 10.7 16.1

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Supervised By :mohammad ahmed 12/19/2022

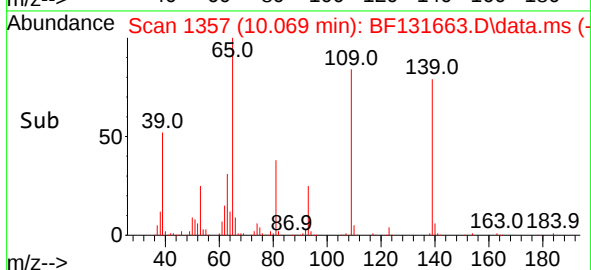
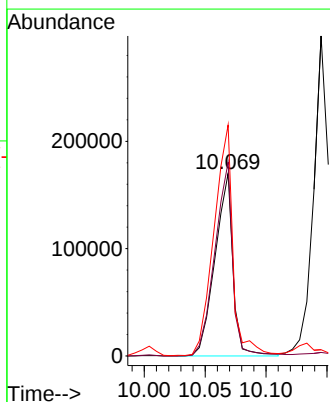
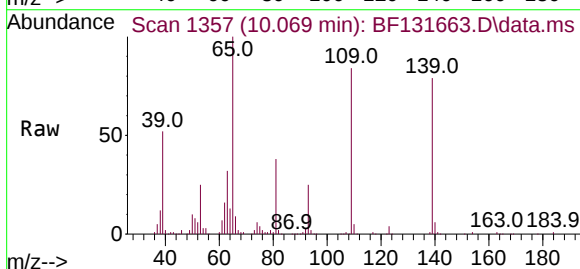
12/19/2022
Supervised By :mohammad
ahmed

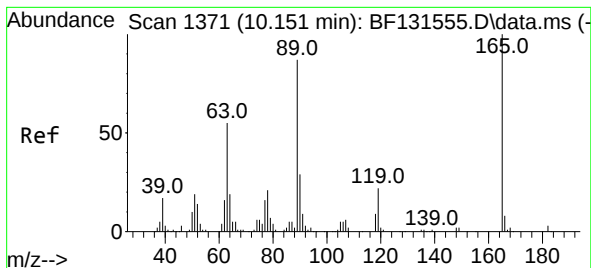
12/19/2022
Supervised By :mohammad
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#56
4-Nitrophenol
Concen: 85.937 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.012 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:139 Resp: 174621
Ion Ratio Lower Upper
139 100
109 106.1 110.2 150.2#
65 126.6 133.3 173.3#





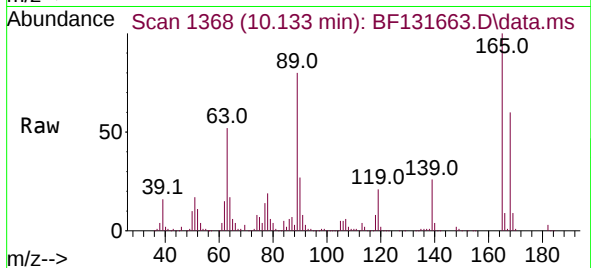
#57
2,4-Dinitrotoluene
Concen: 41.098 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS



Tgt Ion:165 Resp: 166200
Ion Ratio Lower Upper
165 100
63 52.5 44.4 66.6
89 79.6 69.6 104.4
182 2.8 2.0 3.0

Manual Integrations
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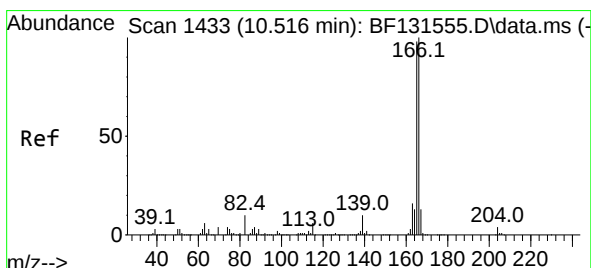
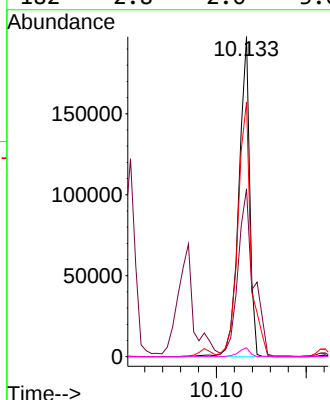
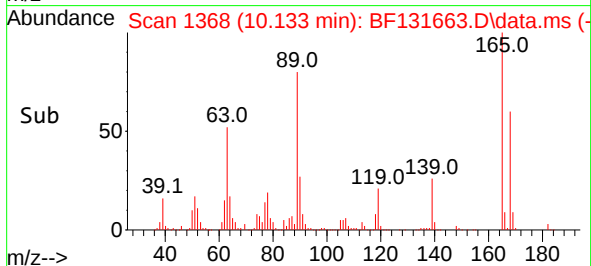
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

12/19/2022

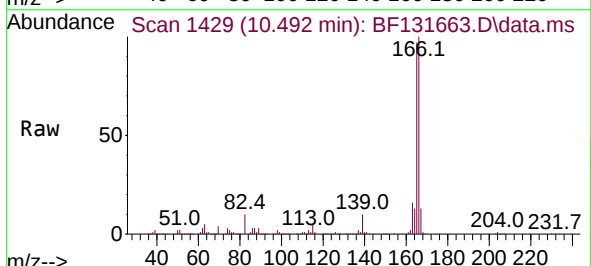
Supervised By :mohammad
ahmed

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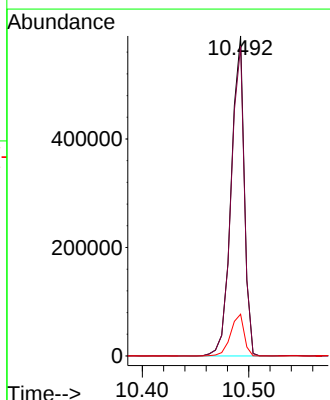
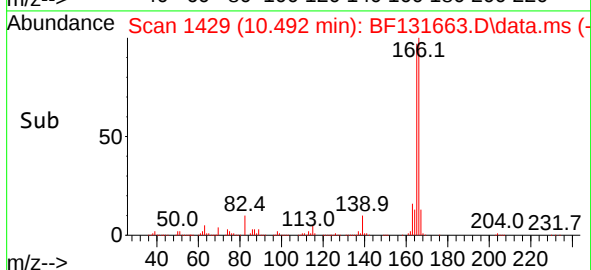
Supervised By :mohammad
ahmed

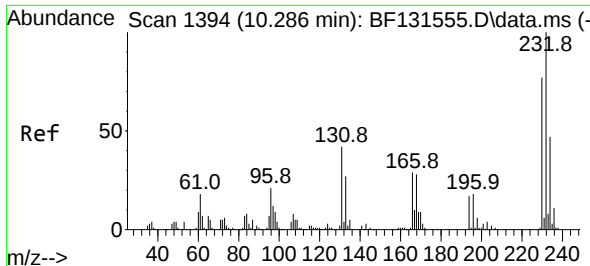


#58
Fluorene
Concen: 35.581 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



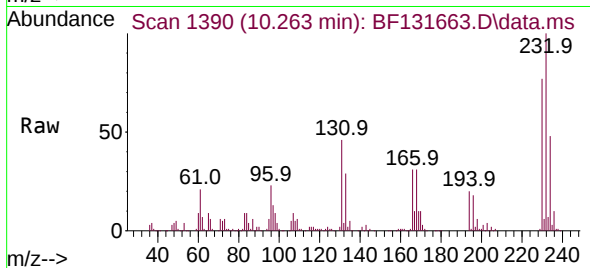
Tgt Ion:166 Resp: 501652
Ion Ratio Lower Upper
166 100
165 96.8 78.4 117.6
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.970 ng m
RT: 10.263 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



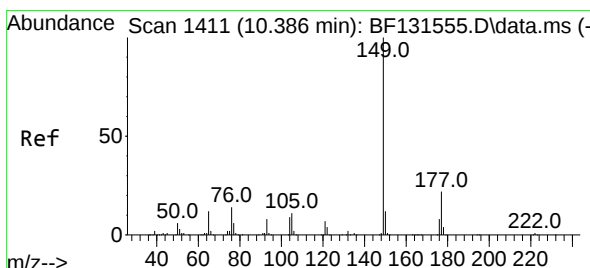
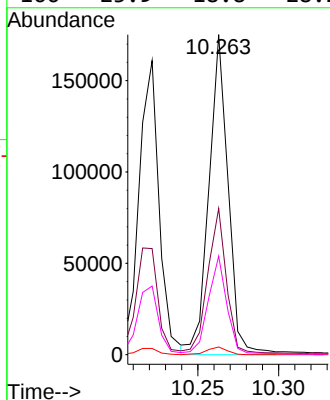
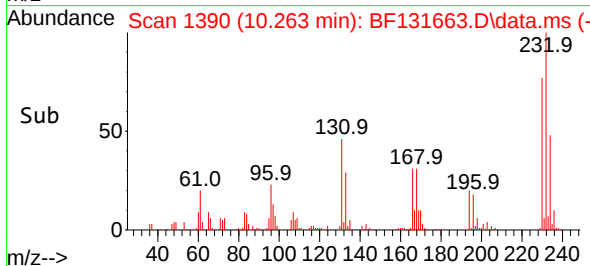
Tgt Ion:232 Resp: 145292
Ion Ratio Lower Upper
232 100
131 38.9 31.0 46.6
130 2.3 1.8 2.8
166 23.9 18.8 28.2

Manual Integrations
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Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

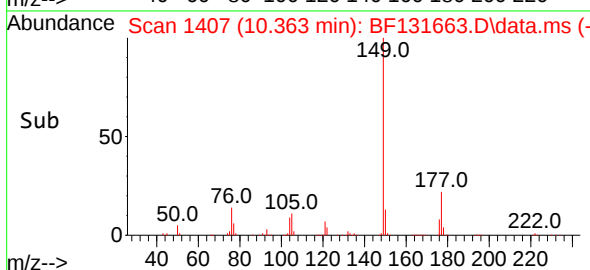
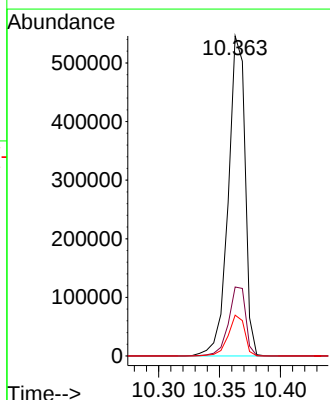
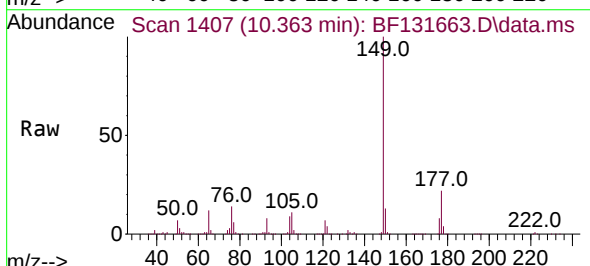
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Supervised By :mohammad
ahmed

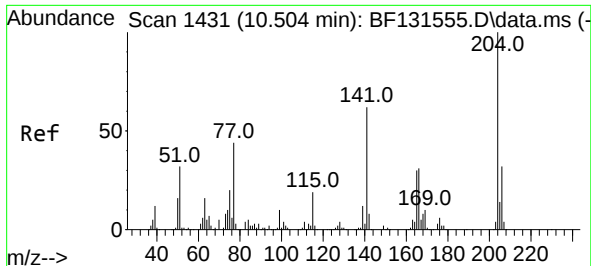
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Supervised By :mohammad
ahmed



#60
Diethylphthalate
Concen: 37.029 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

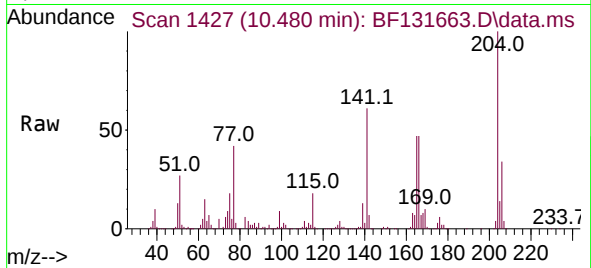
Tgt Ion:149 Resp: 524736
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.7 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 35.045 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



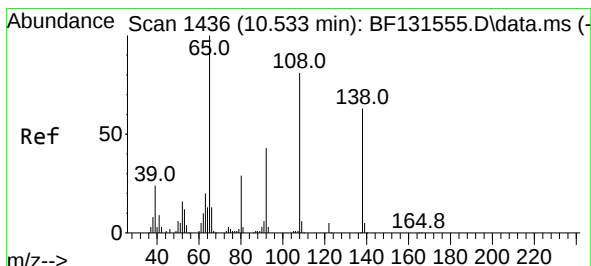
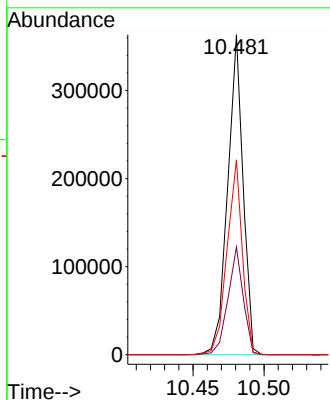
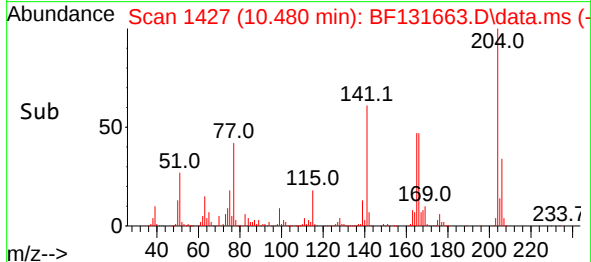
Tgt Ion:204 Resp: 273050
Ion Ratio Lower Upper
204 100
206 33.6 25.4 38.2
141 60.9 49.5 74.3

Manual Integrations
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Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

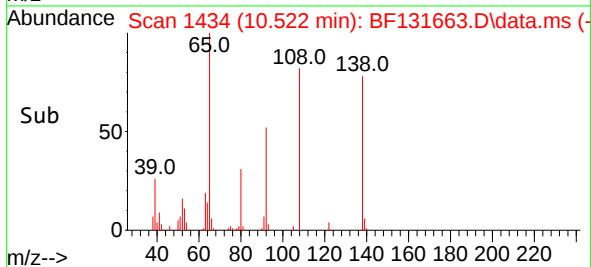
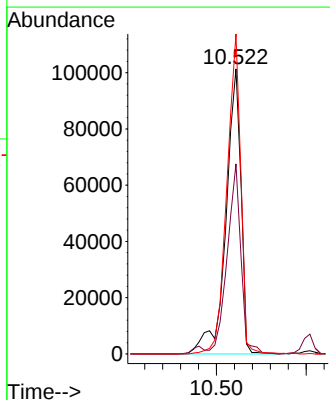
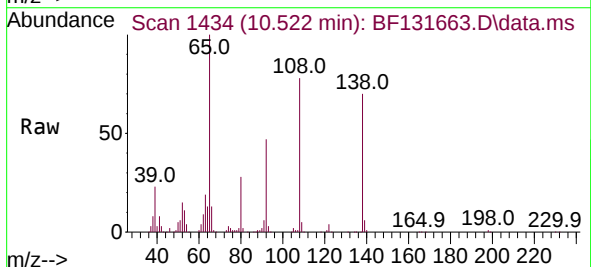
12/19/2022
Supervised By :mohammad
ahmed

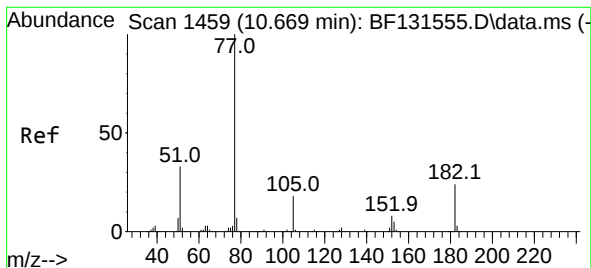
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#62
4-Nitroaniline
Concen: 40.592 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

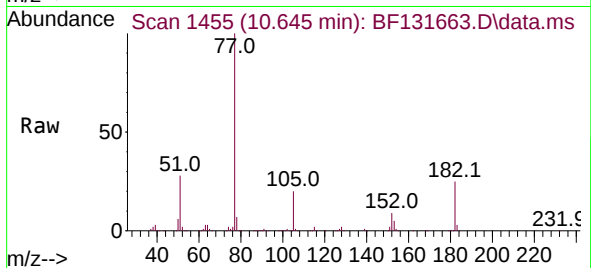
Tgt Ion:138 Resp: 117656
Ion Ratio Lower Upper
138 100
92 66.7 47.5 87.5
108 112.2 108.8 148.8





#63
Azobenzene
Concen: 35.455 ng
RT: 10.645 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



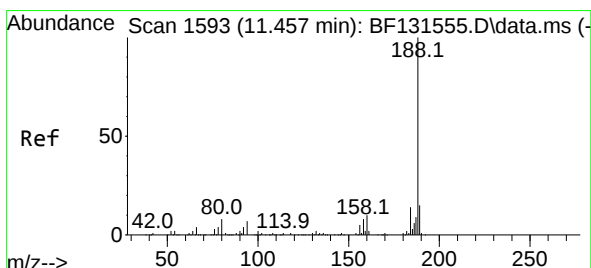
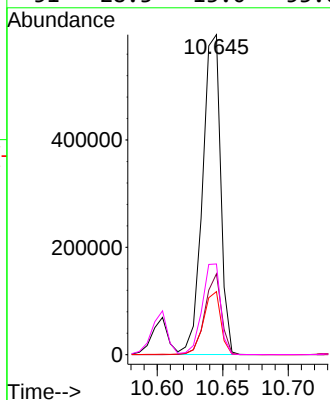
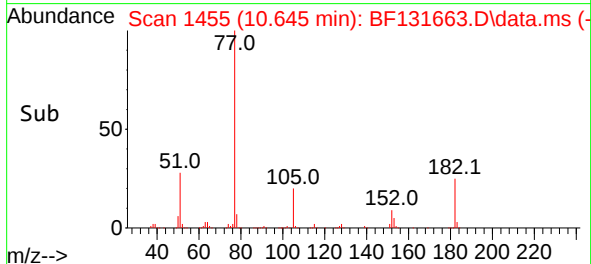
Tgt Ion: 77 Resp: 57304
Ion Ratio Lower Upper
77 100
182 25.2 3.9 43.9
105 19.7 0.0 38.3
51 28.3 13.0 53.0

Manual Integrations
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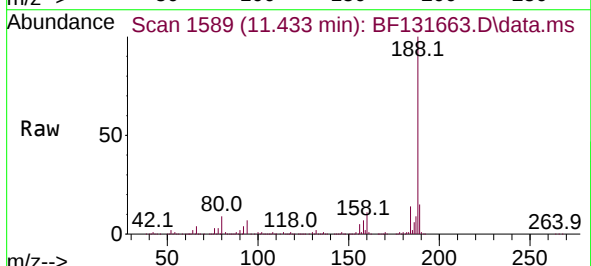
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad
ahmed

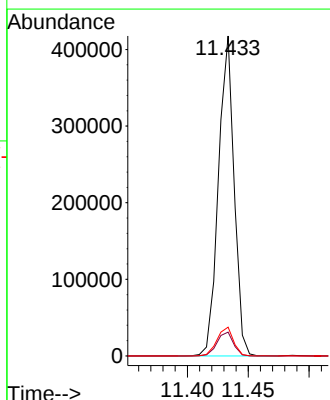
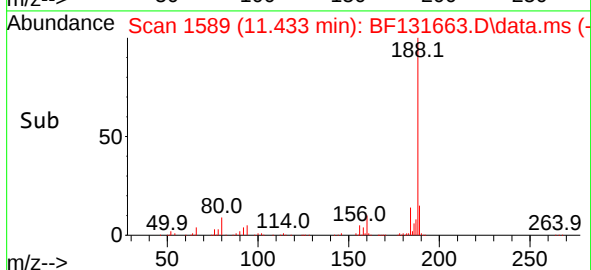
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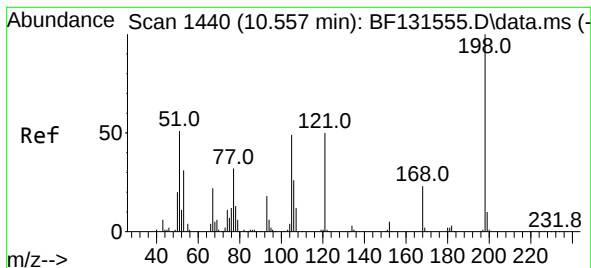


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



Tgt Ion:188 Resp: 374488
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 9.0 6.6 10.0





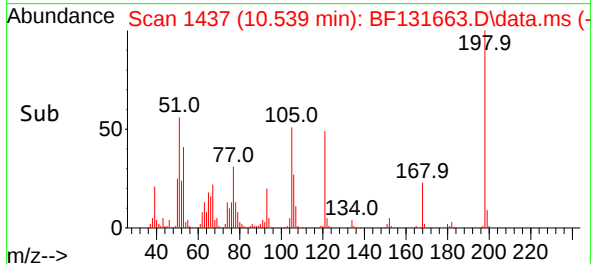
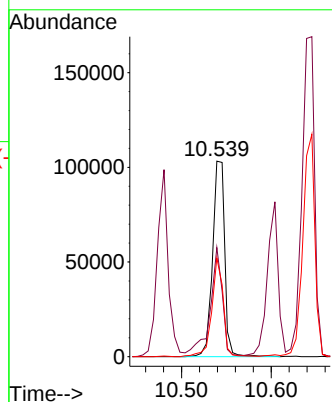
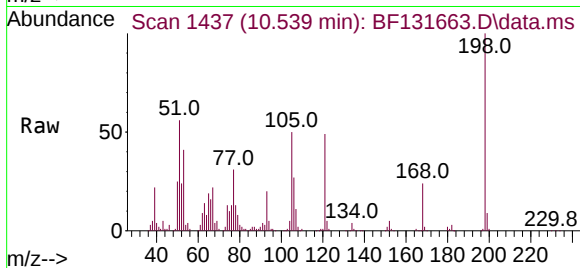
#65
4,6-Dinitro-2-methylphenol
Concen: 40.938 ng
RT: 10.539 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS

Tgt Ion:198 Resp: 97102
Ion Ratio Lower Upper
198 100
51 55.8 36.7 76.7
105 50.5 29.9 69.9

Manual Integrations
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Supervised By :mohammad ahmed 12/19/2022



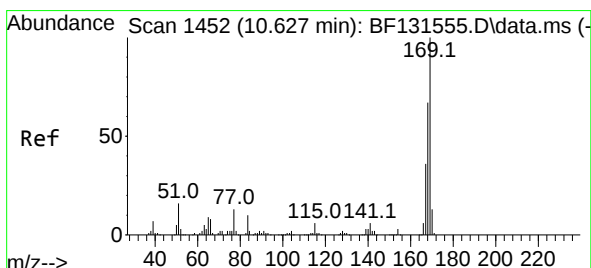
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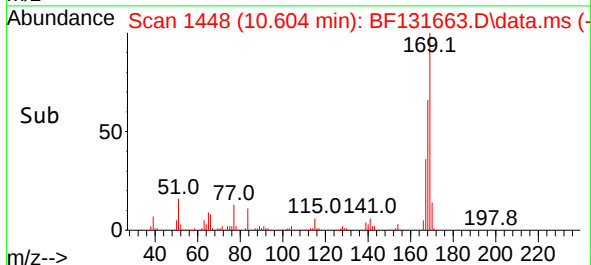
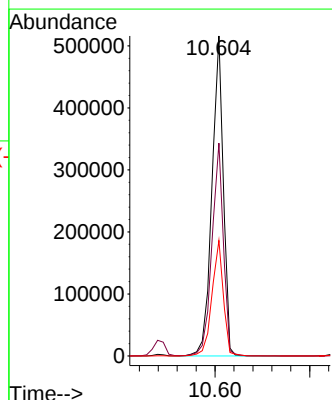
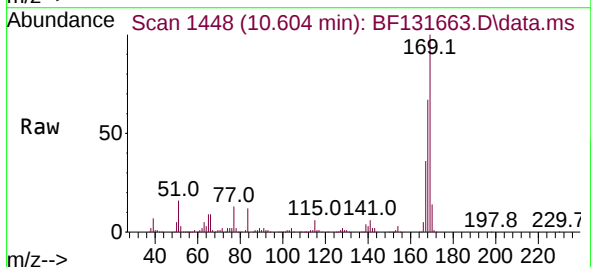
Supervised By :mohammad
ahmed

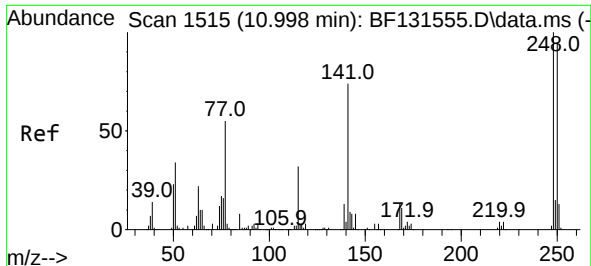
12/19/2022



#66
n-Nitrosodiphenylamine
Concen: 35.504 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

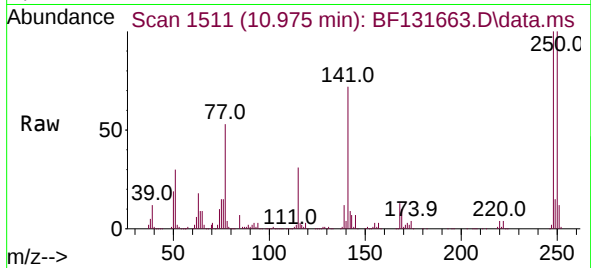
Tgt Ion:169 Resp: 429844
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.1 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 34.440 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



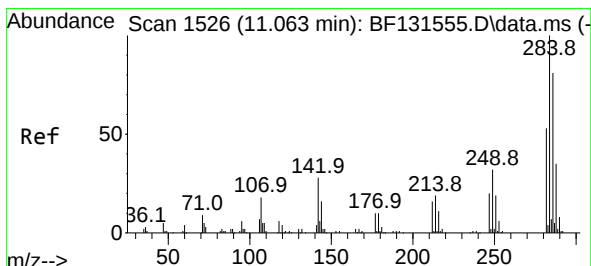
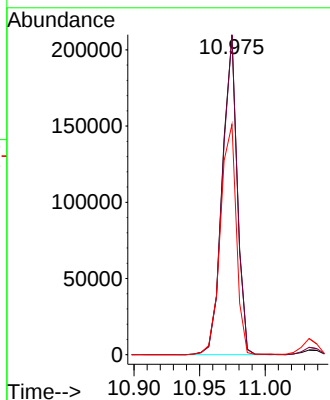
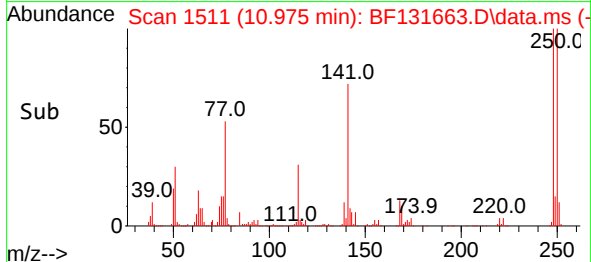
Tgt Ion:248 Resp: 165915
Ion Ratio Lower Upper
248 100
250 100.3 76.2 114.2
141 72.1 59.5 89.3

Manual Integrations
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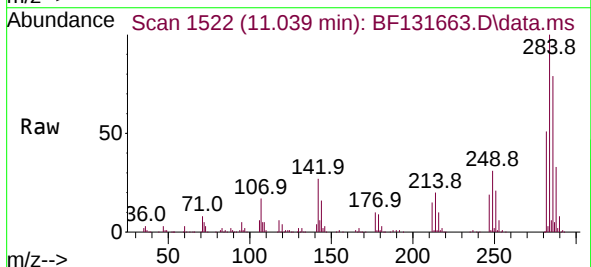
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad
ahmed

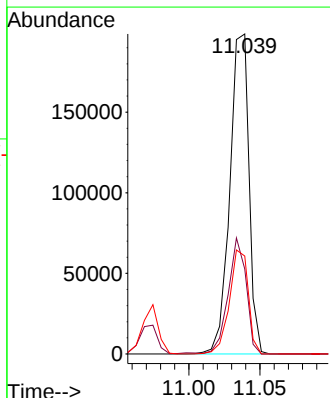
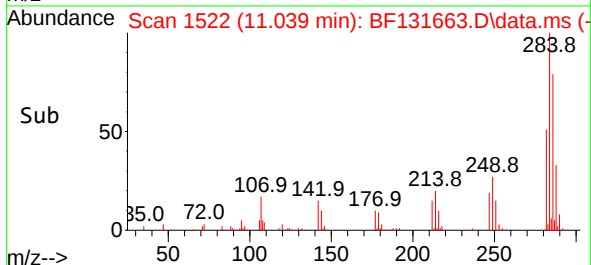
12/19/2022
Supervised By :mohammad
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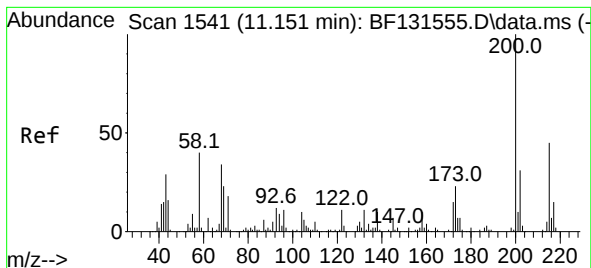


#68
Hexachlorobenzene
Concen: 35.870 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



Tgt Ion:284 Resp: 186916
Ion Ratio Lower Upper
284 100
142 26.6 22.3 33.5
249 30.6 25.4 38.2





#69

Atrazine

Concen: 38.053 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF131663.D

Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion:200 Resp: 14630

Ion Ratio Lower Upper

200 100

173 23.5 3.4 43.4

215 46.9 25.0 65.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022

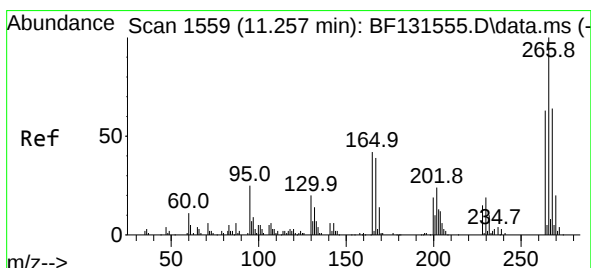
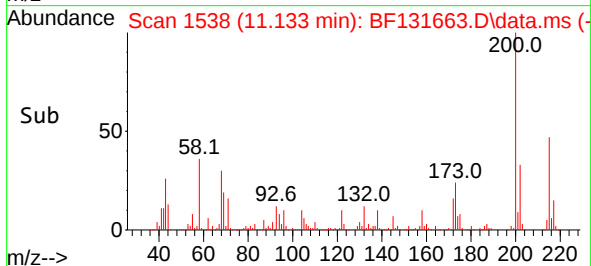
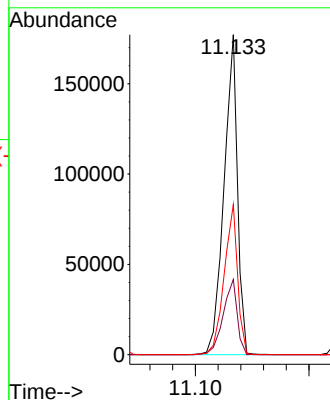
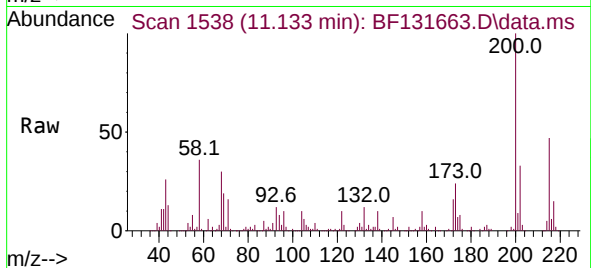
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12/19/2022

Supervised By :mohammad ahmed

12/19/2022



#70

Pentachlorophenol

Concen: 76.940 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF131663.D

Acq: 16 Dec 2022 13:09

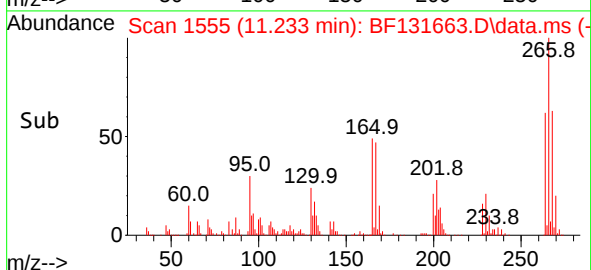
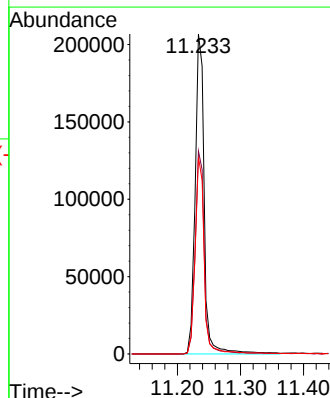
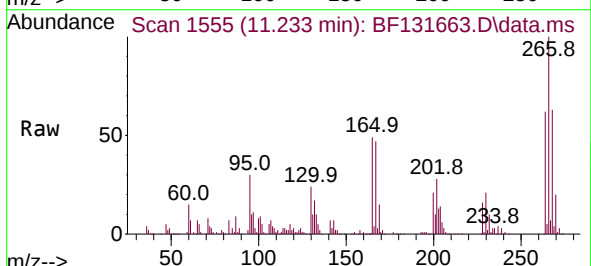
Tgt Ion:266 Resp: 206402

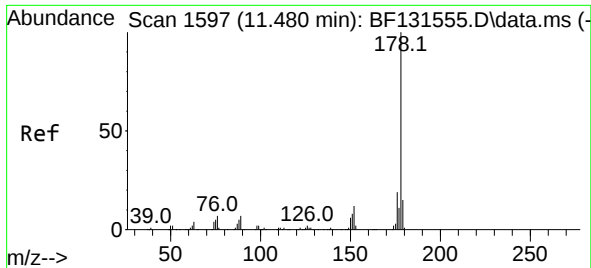
Ion Ratio Lower Upper

266 100

268 63.4 51.5 77.3

264 61.5 50.7 76.1





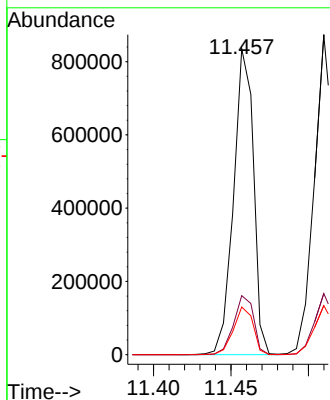
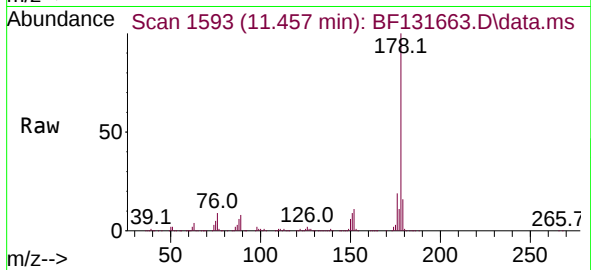
#71
Phenanthrene
Concen: 35.749 ng
RT: 11.457 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS

Tgt Ion:178 Resp: 746210
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.2 18.4

Manual Integrations
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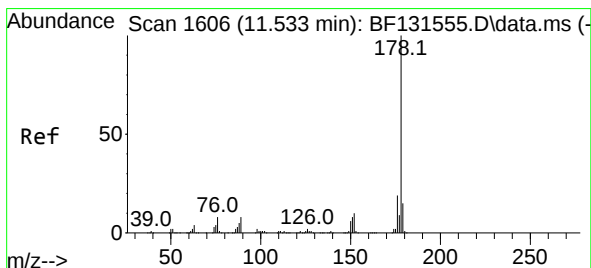
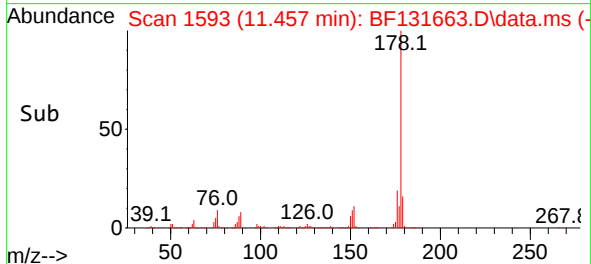
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



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Supervised By :mohammad
ahmed

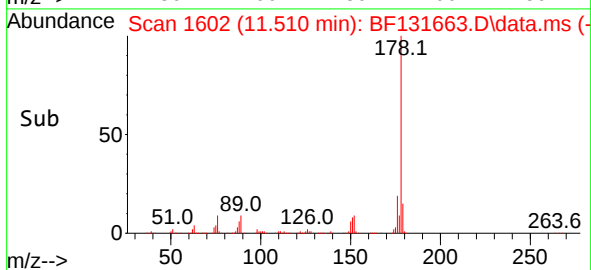
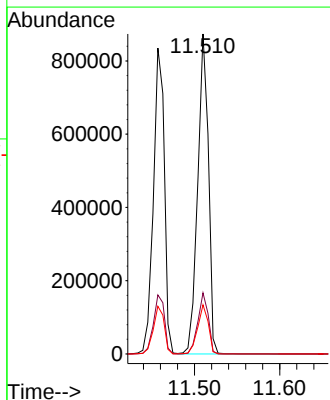
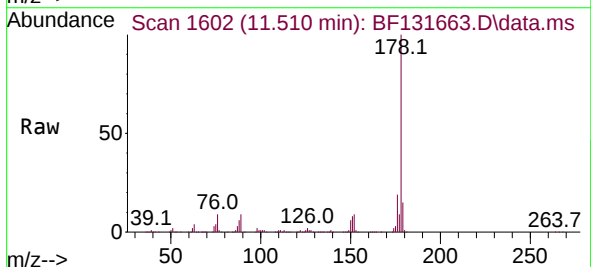
12/19/2022
Supervised By :mohammad
ahmed

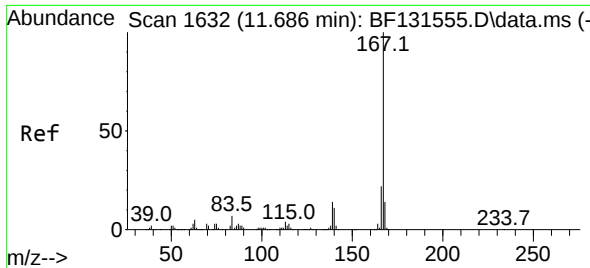
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#72
Anthracene
Concen: 37.631 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

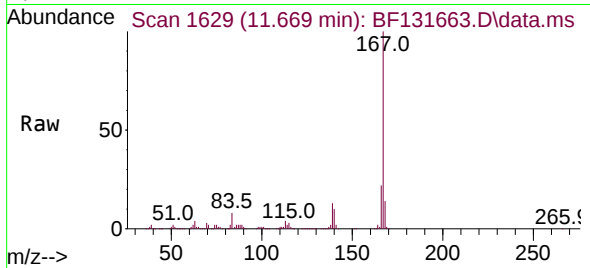
Tgt Ion:178 Resp: 764220
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 40.320 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.006 min
 Lab File: BF131663.D
 Acq: 16 Dec 2022 13:09

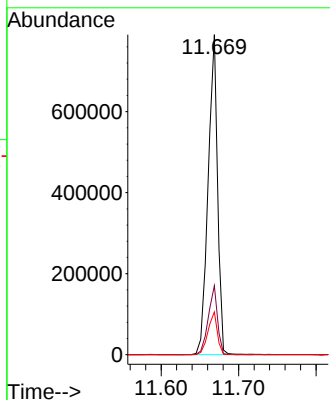
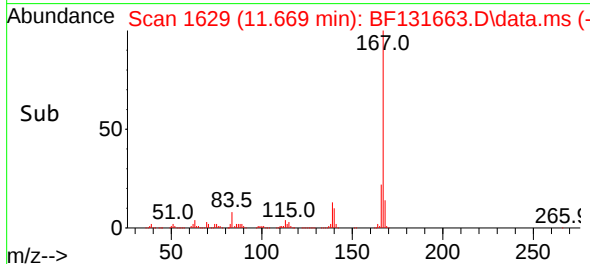
Instrument :
 BNA_F
 ClientSampleId :
 PB149631BS



Tgt Ion:167 Resp: 668362
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.3 11.0 16.4

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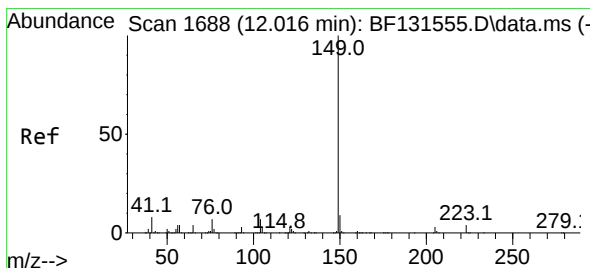
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



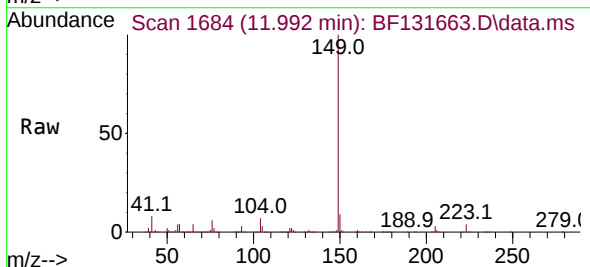
12/19/2022
 Supervised By :mohammad
 ahmed

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 Supervised By :mohammad
 ahmed

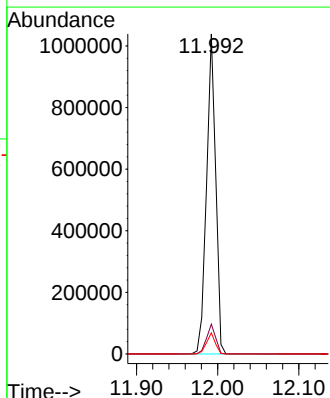
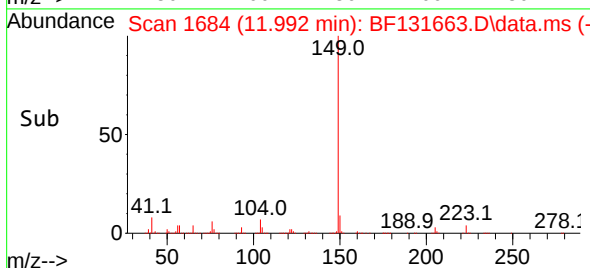
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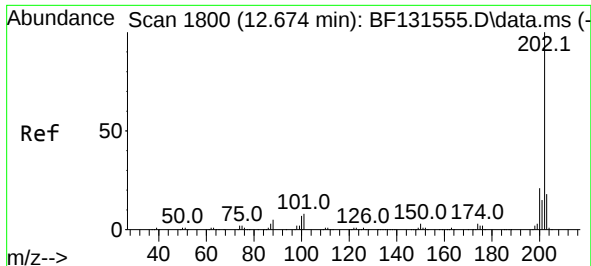


#74
 Di-n-butylphthalate
 Concen: 39.824 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. 0.000 min
 Lab File: BF131663.D
 Acq: 16 Dec 2022 13:09



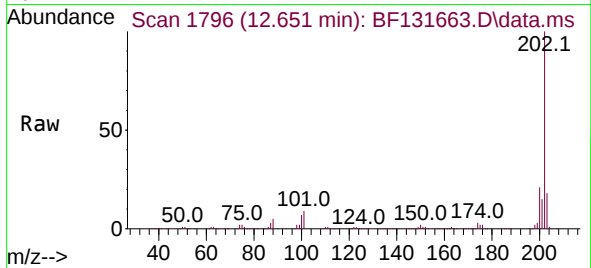
Tgt Ion:149 Resp: 809869
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 6.6 5.2 7.8





#75
Fluoranthene
Concen: 39.608 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



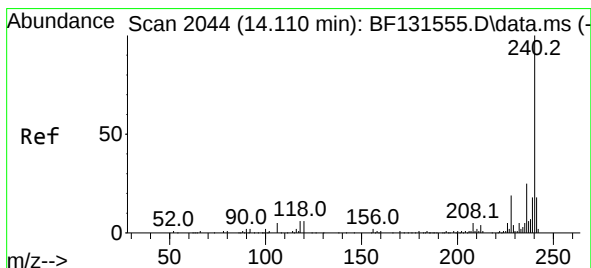
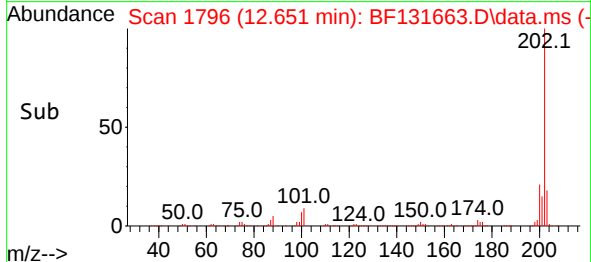
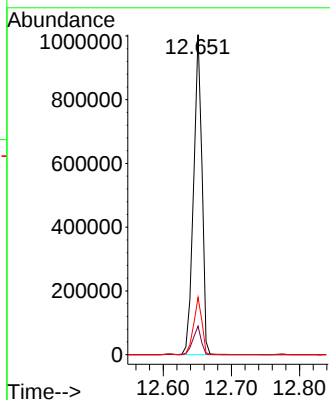
Tgt Ion:202 Resp: 851340
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.7
203 17.9 0.0 37.7

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Supervised By :mohammad ahmed 12/19/2022

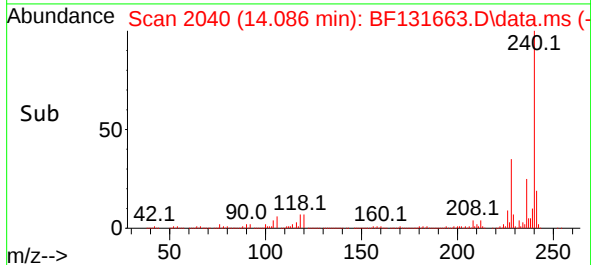
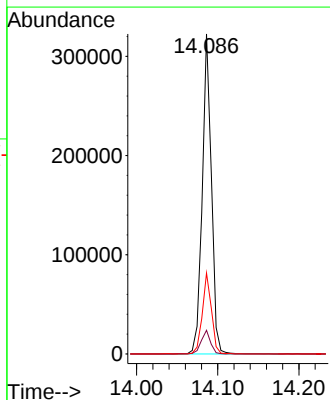
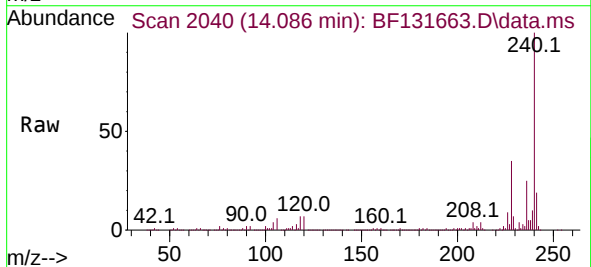
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ahmed

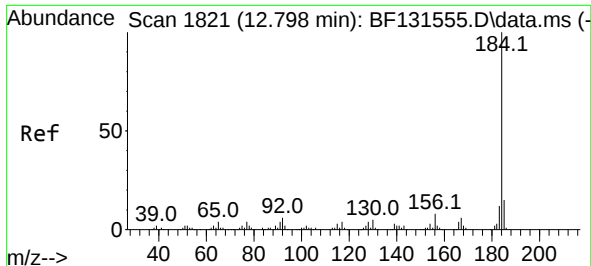
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

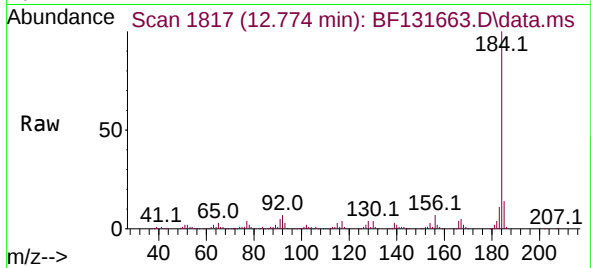
Tgt Ion:240 Resp: 251940
Ion Ratio Lower Upper
240 100
120 7.4 4.6 7.0#
236 25.3 20.2 30.2





#77
Benzidine
Concen: 34.263 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



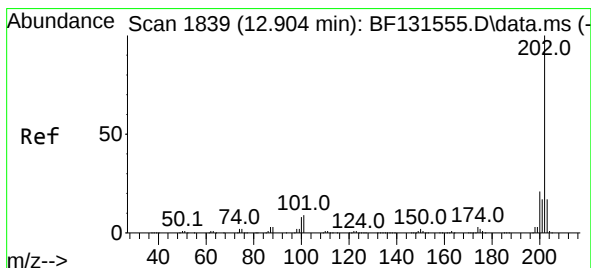
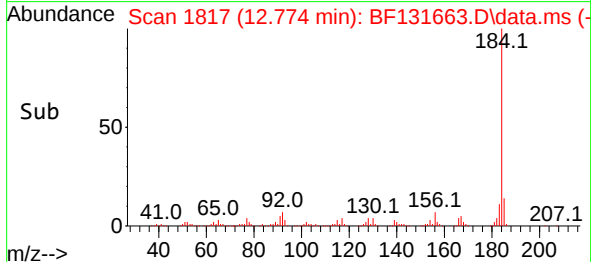
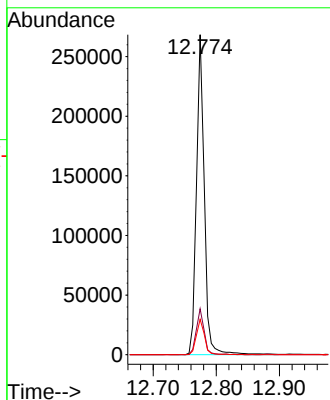
Tgt Ion:184 Resp: 231290
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 11.1 9.3 13.9

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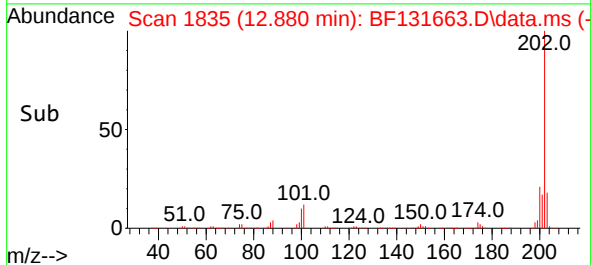
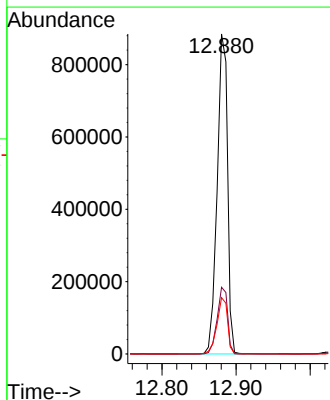
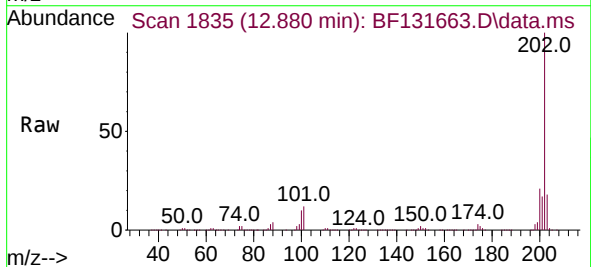
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Supervised By :mohammad
ahmed

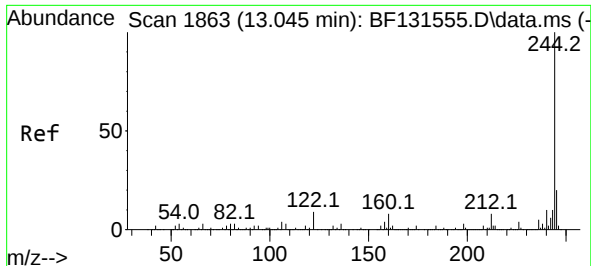
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#78
Pyrene
Concen: 34.572 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

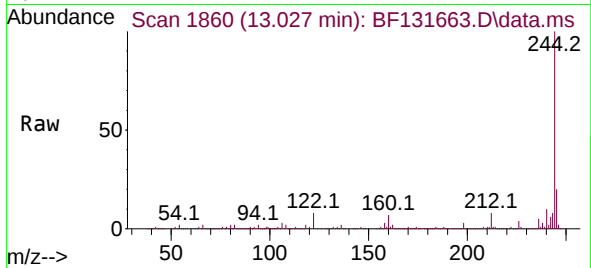
Tgt Ion:202 Resp: 858849
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 13.8 20.6





#79
Terphenyl-d14
Concen: 68.868 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



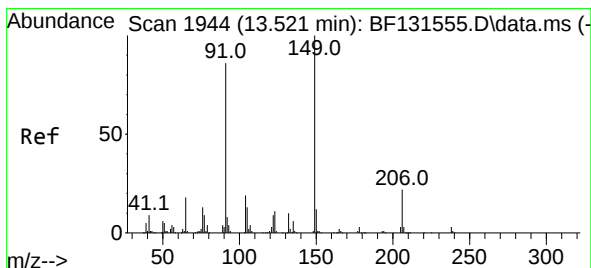
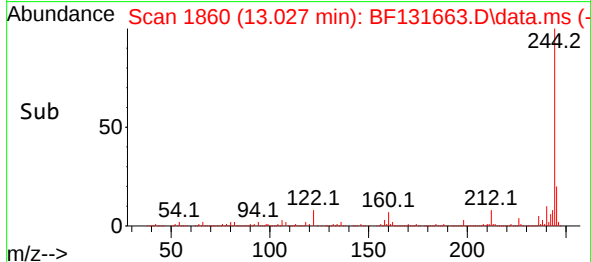
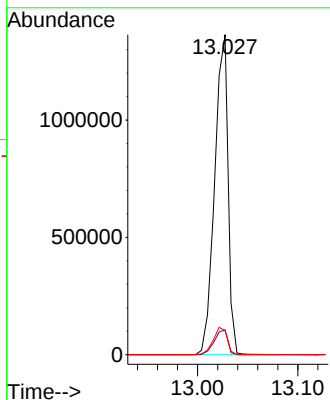
Tgt Ion:244 Resp: 126517
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 7.5 7.1 10.7

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Supervised By :mohammad ahmed 12/19/2022

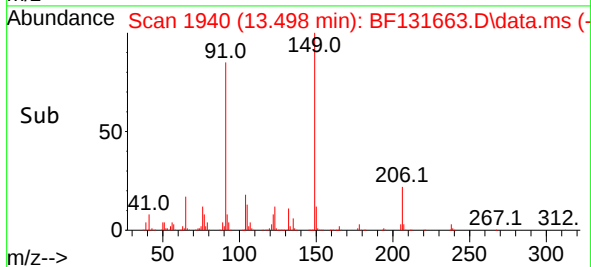
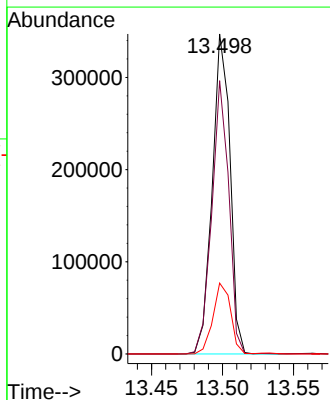
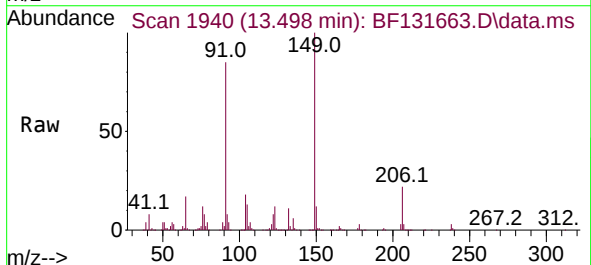
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Supervised By :mohammad
ahmed

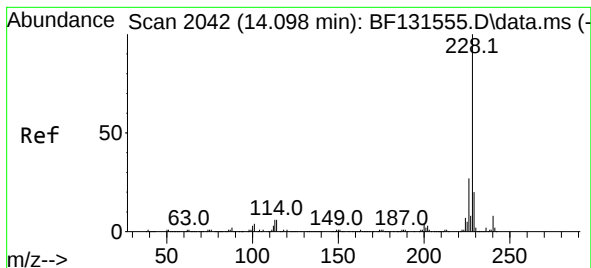
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ahmed



#80
Butylbenzylphthalate
Concen: 41.945 ng
RT: 13.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:149 Resp: 301558
Ion Ratio Lower Upper
149 100
91 85.4 69.0 103.4
206 22.2 17.8 26.8





#81

Benzo(a)anthracene

Concen: 36.315 ng

RT: 14.074 min Scan# 2042

Delta R.T. 0.006 min

Lab File: BF131663.D

Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion:228 Resp: 66072

Ion Ratio Lower Upper

228 100

226 26.3 21.5 32.3

229 19.4 15.8 23.6

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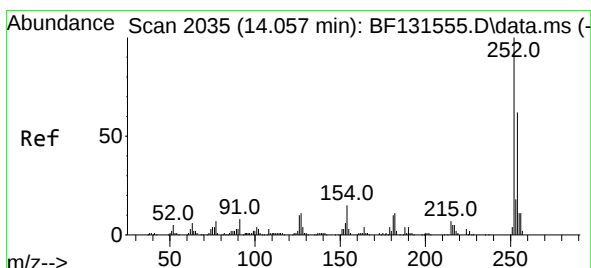
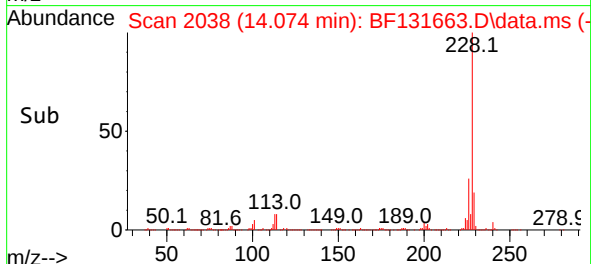
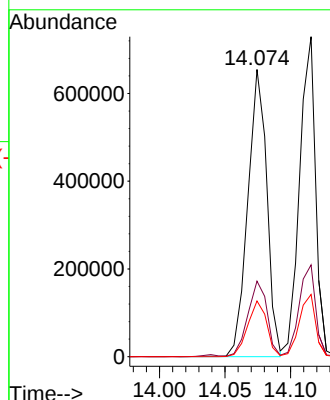
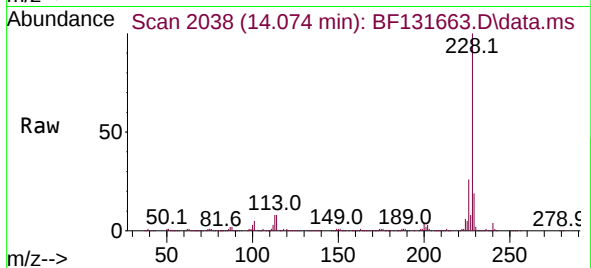
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Supervised By :mohammad ahmed

12/19/2022



#82

3,3'-Dichlorobenzidine

Concen: 34.749 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF131663.D

Acq: 16 Dec 2022 13:09

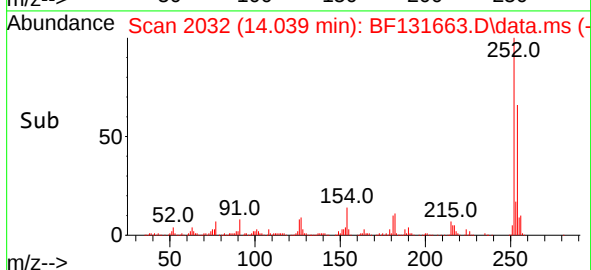
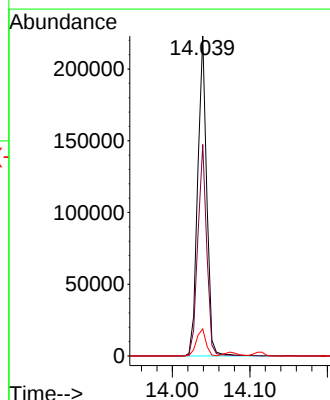
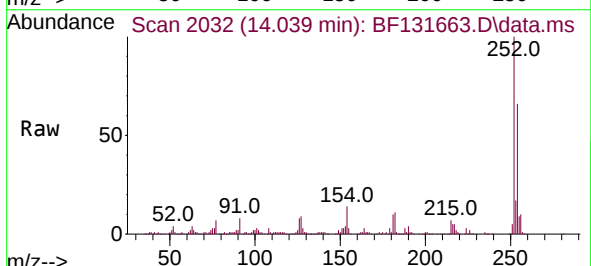
Tgt Ion:252 Resp: 179878

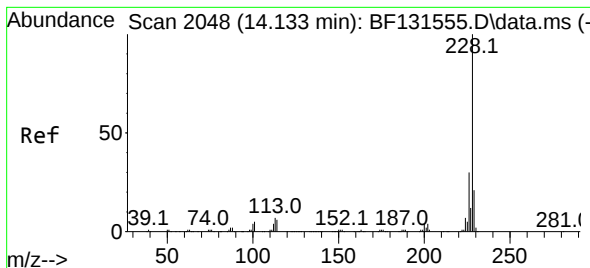
Ion Ratio Lower Upper

252 100

254 66.1 49.6 74.4

126 8.4 7.9 11.9





#83

Chrysene

Concen: 35.936 ng

RT: 14.116 min Scan# 2045

Delta R.T. 0.006 min

Lab File: BF131663.D

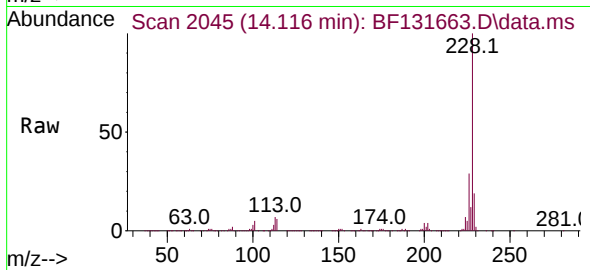
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS



Tgt Ion:228 Resp: 62158

Ion Ratio Lower Upper

228 100

226 28.7 23.9 35.9

229 19.5 16.7 25.1

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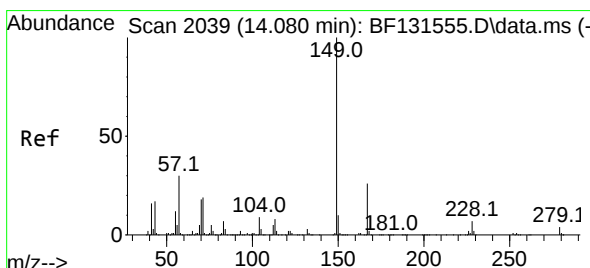
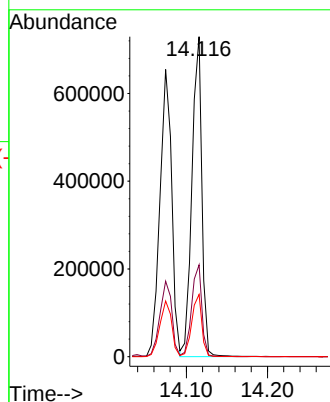
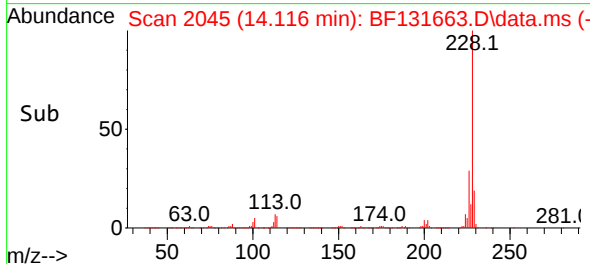
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad ahmed

12/19/2022

Supervised By :mohammad ahmed



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.011 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF131663.D

Acq: 16 Dec 2022 13:09

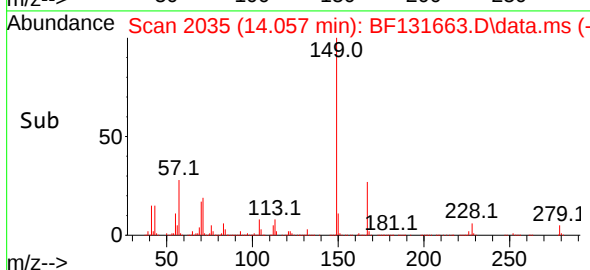
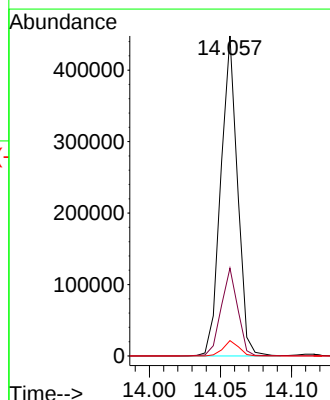
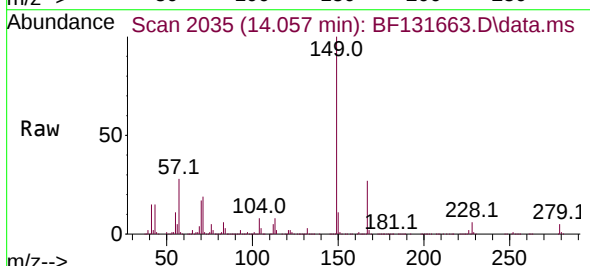
Tgt Ion:149 Resp: 365688

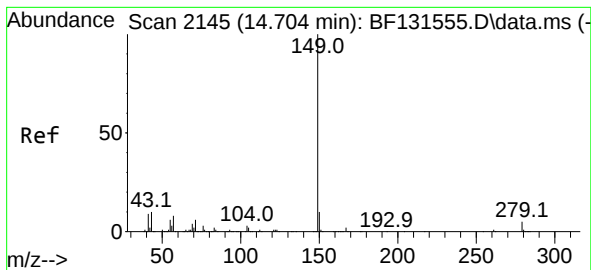
Ion Ratio Lower Upper

149 100

167 27.4 20.8 31.2

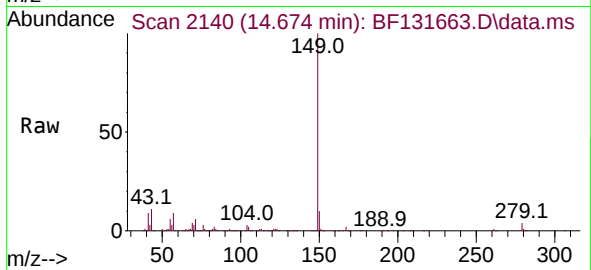
279 4.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 33.696 ng
RT: 14.674 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



Tgt Ion:149 Resp: 512775
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.6 13.0

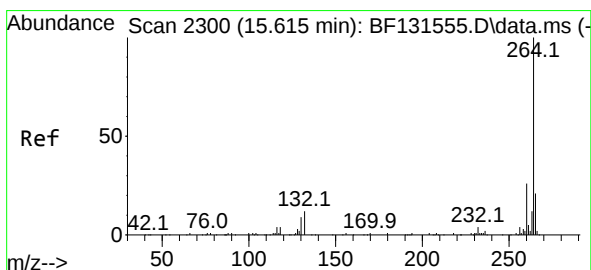
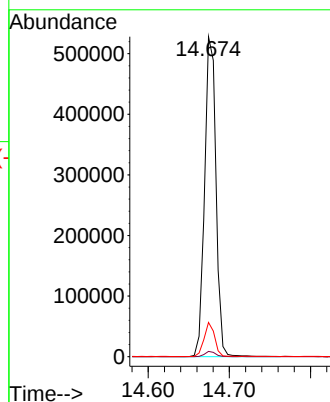
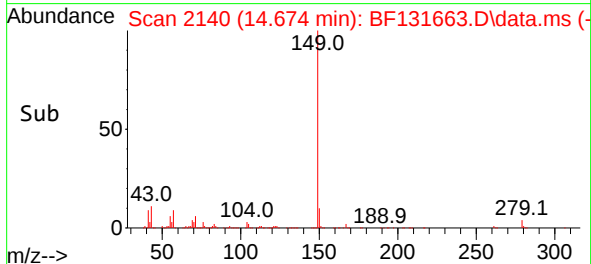
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Supervised By :mohammad ahmed 12/19/2022

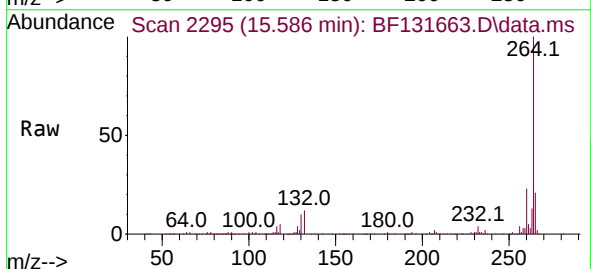
12/19/2022
Supervised By :mohammad
ahmed

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Supervised By :mohammad
ahmed

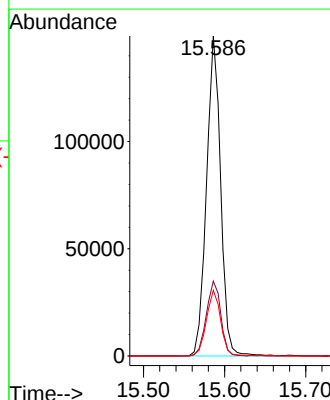
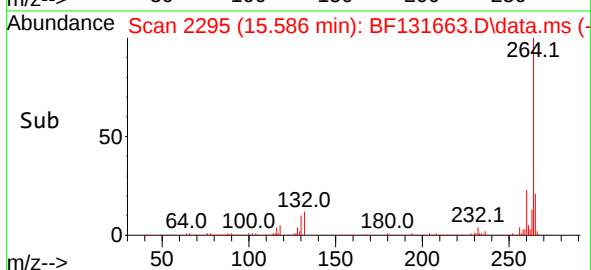
12/19/2022

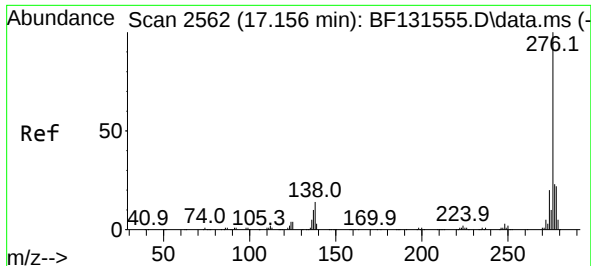


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



Tgt Ion:264 Resp: 179539
Ion Ratio Lower Upper
264 100
260 23.4 20.6 30.8
265 20.5 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 33.264 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB149631BS

Tgt Ion:276 Resp: 487380
Ion Ratio Lower Upper
276 100
138 17.7 12.7 19.1
277 24.7 20.0 30.0

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Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

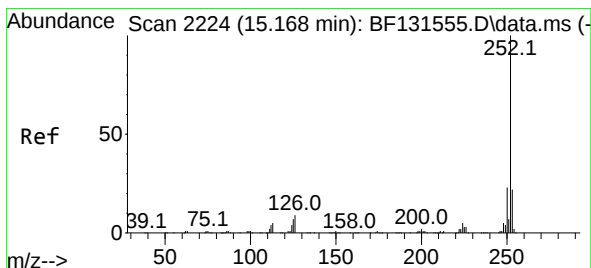
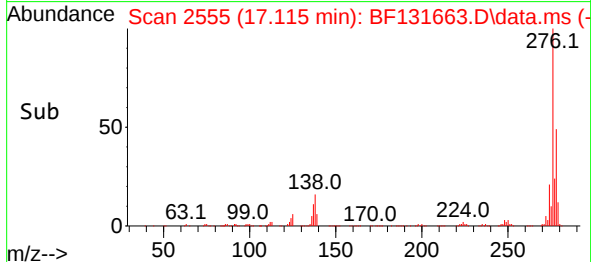
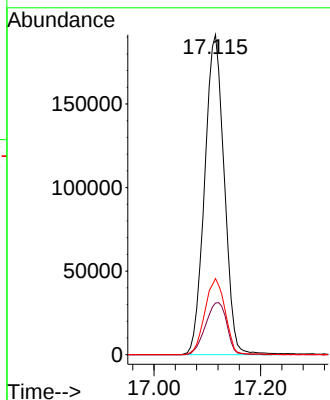
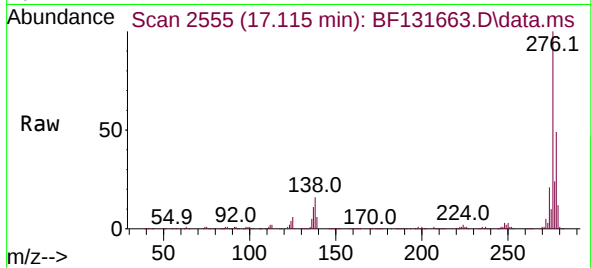
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ahmed

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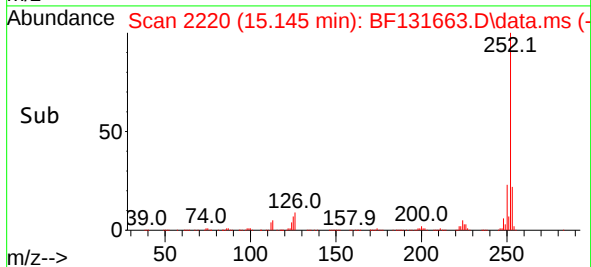
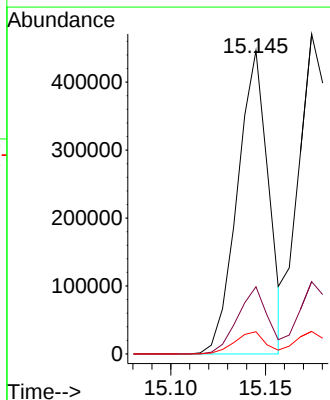
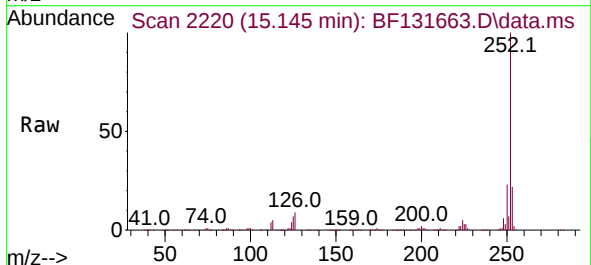
Supervised By :mohammad
ahmed

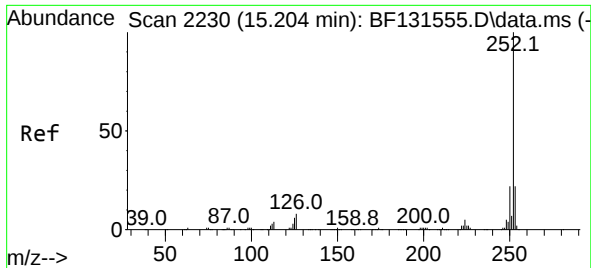
12/19/2022



#88
Benzo(b)fluoranthene
Concen: 42.969 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

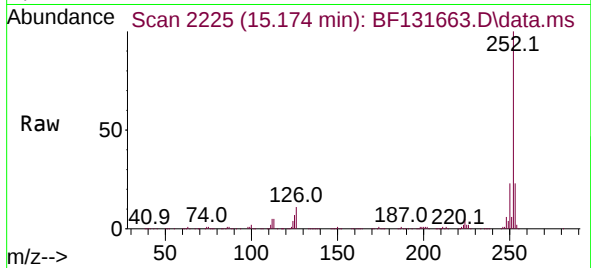
Tgt Ion:252 Resp: 508463
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.4 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 41.567 ng
RT: 15.174 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



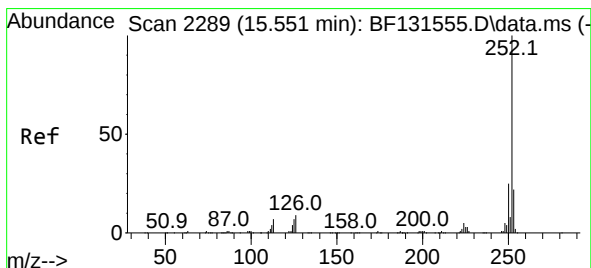
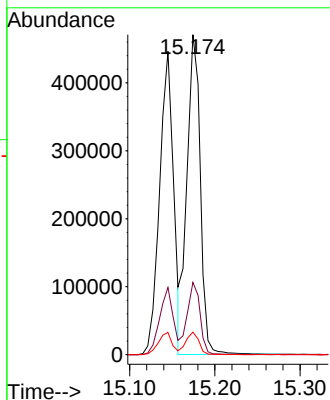
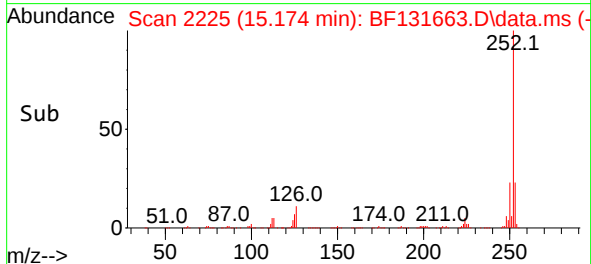
Tgt Ion:252 Resp: 51338
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 7.1 4.9 7.3

Manual Integrations
APPROVED

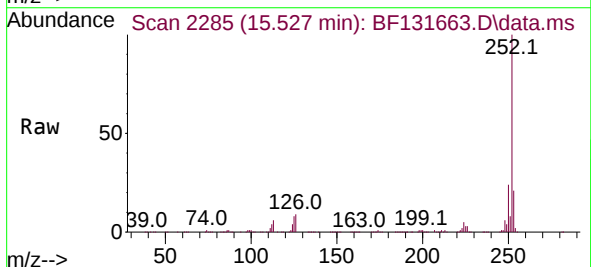
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

12/19/2022
Supervised By :mohammad
ahmed

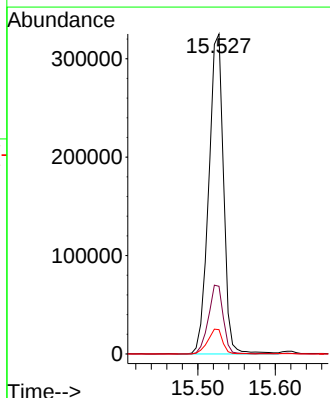
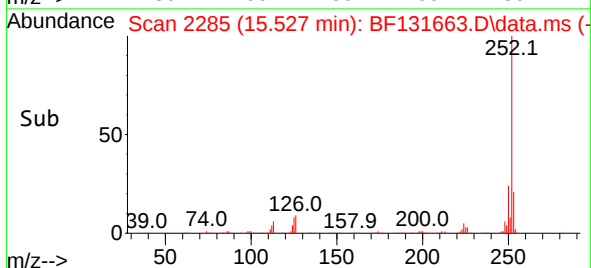
12/19/2022
Supervised By :mohammad
ahmed

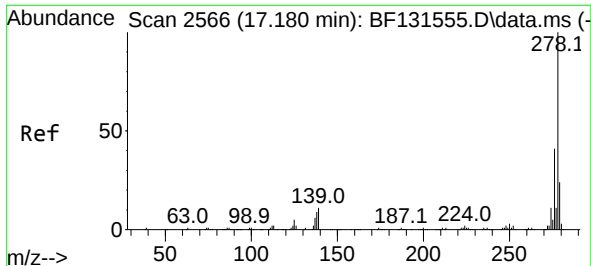


#90
Benzo(a)pyrene
Concen: 42.714 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09



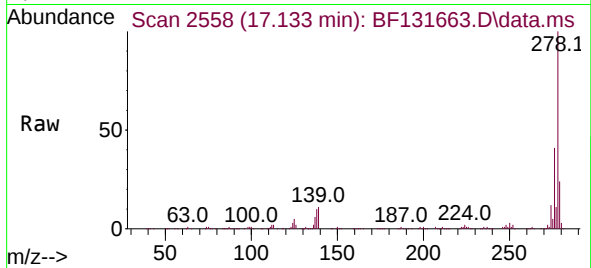
Tgt Ion:252 Resp: 431341
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 7.6 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 34.698 ng
RT: 17.133 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB149631BS



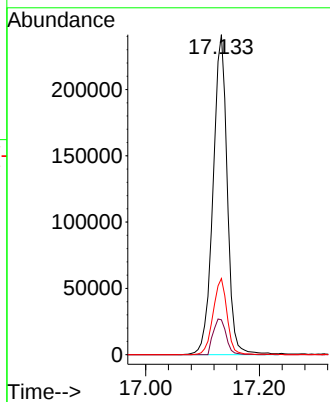
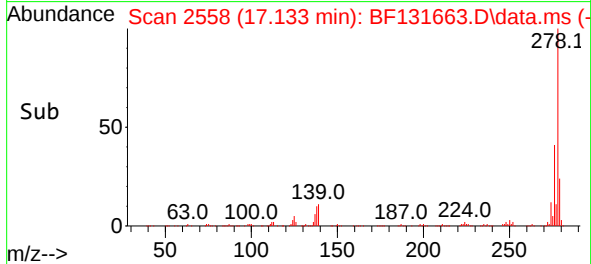
Tgt Ion:278 Resp: 41842
Ion Ratio Lower Upper
278 100
139 10.9 8.9 13.3
279 23.8 19.0 28.6

Manual Integrations
APPROVED

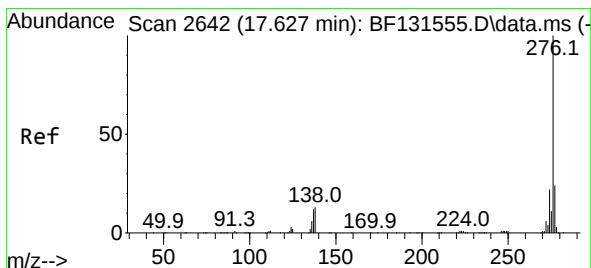
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

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Supervised By :mohammad
ahmed

12/19/2022
Supervised By :mohammad
ahmed



12/19/2022



#92
Benzo(g,h,i)perylene
Concen: 34.060 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.006 min
Lab File: BF131663.D
Acq: 16 Dec 2022 13:09

Tgt Ion:276 Resp: 412803
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 14.5 10.7 16.1

