

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131263.D
 Acq On : 16 Nov 2022 14:02
 Operator : CG\JU
 Sample : PB149098BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149098BS

Quant Time: Nov 16 22:14:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

Supervised By :mohammad
 ahmed
 11/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	105667	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	383127	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	214291	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	386556	20.000	ng	0.00
76) Chrysene-d12	14.186	240	250163	20.000	ng	0.00
86) Perylene-d12	15.727	264	182152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	541184	90.691	ng	0.02
7) Phenol-d6	6.593	99	679706	89.931	ng	0.00
23) Nitrobenzene-d5	7.545	82	657774	96.367	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	188188	91.937	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1210251	82.649	ng	0.00
79) Terphenyl-d14	13.127	244	1363718	93.614	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	97026	35.489	ng	99
3) Pyridine	3.628	79	263729	34.129	ng	99
4) n-Nitrosodimethylamine	3.604	42	193686	43.002	ng	96
6) Aniline	6.640	93	361059m	38.085	ng	
8) 2-Chlorophenol	6.757	128	294169	43.854	ng	98
9) Benzaldehyde	6.528	77	185537	33.842	ng	97
10) Phenol	6.604	94	355097	41.998	ng	97
11) bis(2-Chloroethyl)ether	6.710	93	279685	42.247	ng	98
12) 1,3-Dichlorobenzene	6.916	146	309700	40.810	ng	98
13) 1,4-Dichlorobenzene	6.992	146	314584	40.989	ng	99
14) 1,2-Dichlorobenzene	7.145	146	308382	43.473	ng	99
15) Benzyl Alcohol	7.116	79	270003	41.127	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.245	45	527539	42.306	ng	99
17) 2-Methylphenol	7.222	107	238444	41.637	ng	99
18) Hexachloroethane	7.492	117	118172	42.354	ng	97
19) n-Nitroso-di-n-propyla...	7.392	70	219718	41.719	ng	99
20) 3+4-Methylphenols	7.375	107	302102	40.783	ng	91
22) Acetophenone	7.387	105	416776	41.732	ng	98
24) Nitrobenzene	7.563	77	327997	44.512	ng	100
25) Isophorone	7.804	82	597640	43.827	ng	99
26) 2-Nitrophenol	7.881	139	136918	46.516	ng	97
27) 2,4-Dimethylphenol	7.910	122	270066	48.386	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	338385	44.014	ng	99
29) 2,4-Dichlorophenol	8.116	162	252343	41.806	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	285764	40.380	ng	99
31) Naphthalene	8.287	128	812656	39.151	ng	98
32) Benzoic acid	8.028	122	181189	45.332	ng	94
33) 4-Chloroaniline	8.334	127	192481	23.556	ng	96
34) Hexachlorobutadiene	8.404	225	179277	40.025	ng	99
35) Caprolactam	8.710	113	78653m	44.094	ng	
36) 4-Chloro-3-methylphenol	8.810	107	270379	42.556	ng	93
37) 2-Methylnaphthalene	8.986	142	556544	40.258	ng	100
38) 1-Methylnaphthalene	9.081	142	519348	38.743	ng	98
40) 1,2,4,5-Tetrachloroben...	9.145	216	280351	40.633	ng	99
41) Hexachlorocyclopentadiene	9.134	237	357512	101.097	ng	98
43) 2,4,6-Trichlorophenol	9.257	196	191694	42.496	ng	99

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Manual Integrations

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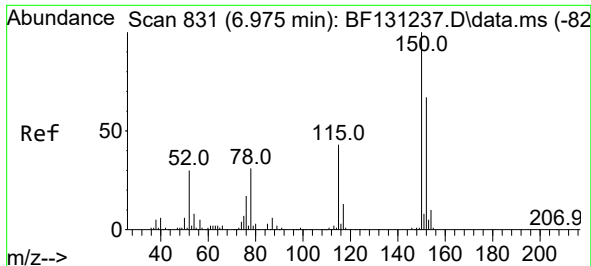
Reviewed By :Christian Giraldo 11/17/2022
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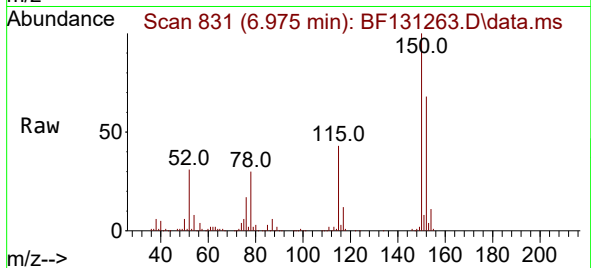
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	194571	40.195	ng	95
46) 1,1'-Biphenyl	9.451	154	675164	40.985	ng	99
47) 2-Chloronaphthalene	9.475	162	542179	40.628	ng	99
48) 2-Nitroaniline	9.569	65	194677	45.676	ng	96
49) Acenaphthylene	9.898	152	828425	40.653	ng	99
50) Dimethylphthalate	9.751	163	615818	40.132	ng	99
51) 2,6-Dinitrotoluene	9.816	165	132707	44.331	ng	96
52) Acenaphthene	10.069	154	558835	43.934	ng	99
53) 3-Nitroaniline	9.986	138	94014	30.316	ng	99
54) 2,4-Dinitrophenol	10.092	184	116948	84.096	ng	99
55) Dibenzofuran	10.245	168	724636	39.762	ng	98
56) 4-Nitrophenol	10.139	139	205765	85.225	ng	96
57) 2,4-Dinitrotoluene	10.222	165	167734	45.161	ng	92
58) Fluorene	10.586	166	566119	39.476	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.351	232	167287	40.794	ng	98
60) Diethylphthalate	10.457	149	570257	39.315	ng	99
61) 4-Chlorophenyl-phenyle...	10.575	204	286716	40.433	ng	97
62) 4-Nitroaniline	10.604	138	130736	41.557	ng	97
63) Azobenzene	10.739	77	598608	39.417	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	70060	41.576	ng	89
66) n-Nitrosodiphenylamine	10.698	169	487977	39.734	ng	100
67) 4-Bromophenyl-phenylether	11.069	248	184403	40.629	ng	96
68) Hexachlorobenzene	11.133	284	204984	41.674	ng	100
69) Atrazine	11.228	200	177886	44.189	ng	96
70) Pentachlorophenol	11.328	266	241320	84.056	ng	97
71) Phenanthrene	11.557	178	836716	39.221	ng	99
72) Anthracene	11.610	178	847410	40.663	ng	100
73) Carbazole	11.763	167	756352	40.546	ng	99
74) Di-n-butylphthalate	12.092	149	858185	39.529	ng	100
75) Fluoranthene	12.751	202	931260	39.581	ng	100
77) Benzidine	12.874	184	352025	65.665	ng	99
78) Pyrene	12.986	202	940191	43.599	ng	99
80) Butylbenzylphthalate	13.604	149	321389	43.976	ng	97
81) Benzo(a)anthracene	14.174	228	697707	40.131	ng	98
82) 3,3'-Dichlorobenzidine	14.139	252	189300	37.211	ng	99
83) Chrysene	14.216	228	661469	39.055	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	362666	39.457	ng	97
85) Di-n-octyl phthalate	14.792	149	479712	36.933	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	574835	47.770	ng	99
88) Benzo(b)fluoranthene	15.268	252	544231	42.793	ng	99
89) Benzo(k)fluoranthene	15.304	252	499437	39.614	ng	99
90) Benzo(a)pyrene	15.663	252	455037	44.760	ng	98
91) Dibenzo(a,h)anthracene	17.345	278	480409	48.660	ng	98
92) Benzo(g,h,i)perylene	17.804	276	494753	45.036	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
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PB149098BS

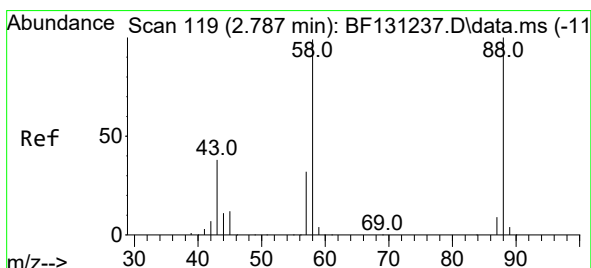
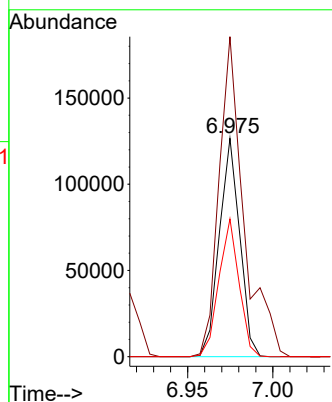
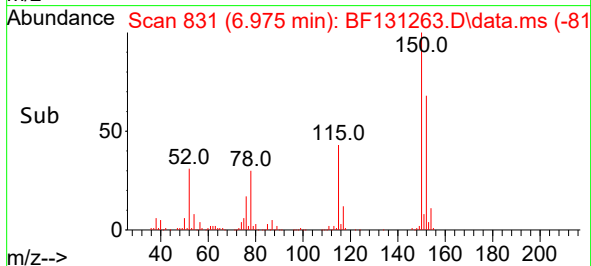


Tgt Ion:152 Resp: 10566
Ion Ratio Lower Upper
152 100
150 146.5 120.2 180.4
115 63.1 51.8 77.8

Manual Integrations
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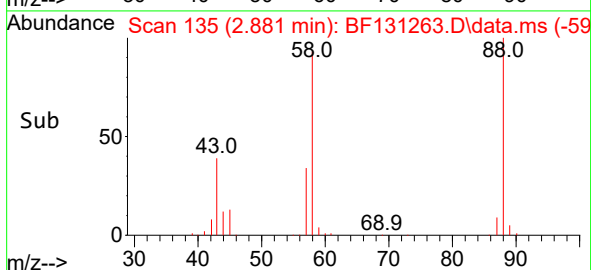
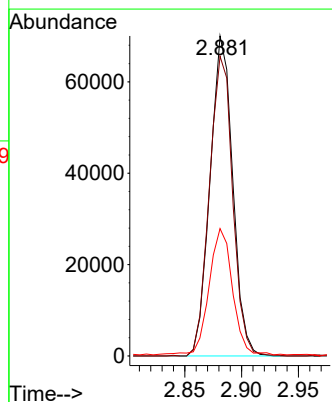
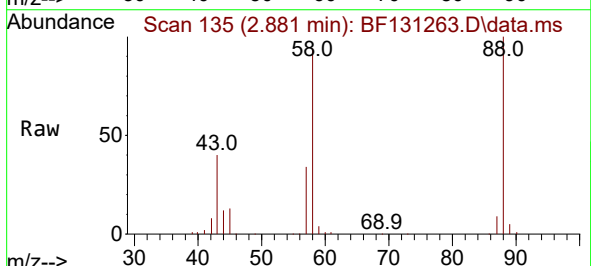
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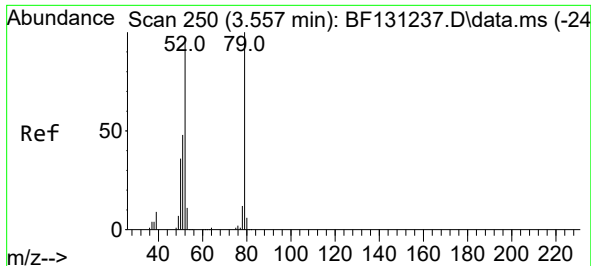
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#2
1,4-Dioxane
Concen: 35.489 ng
RT: 2.881 min Scan# 135
Delta R.T. 0.094 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion: 88 Resp: 97026
Ion Ratio Lower Upper
88 100
58 96.4 77.1 115.7
43 40.8 31.3 46.9





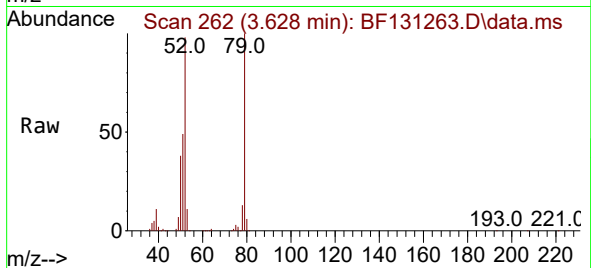
#3
Pyridine
Concen: 34.129 ng
RT: 3.628 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

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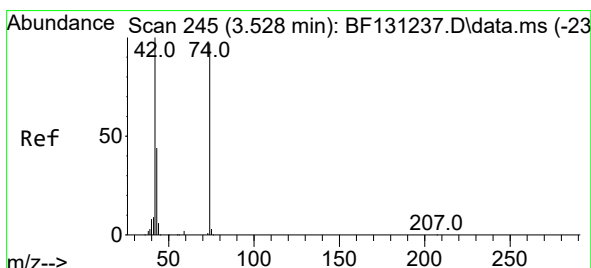
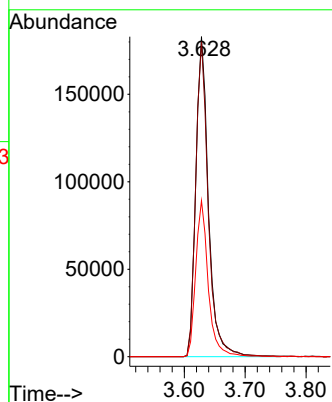


Tgt Ion: 79 Resp: 263729
Ion Ratio Lower Upper
79 100
52 98.4 77.7 116.5
51 48.8 38.7 58.1

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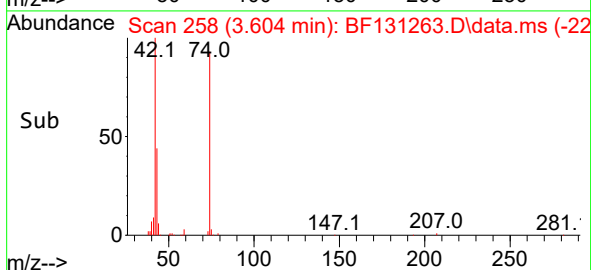
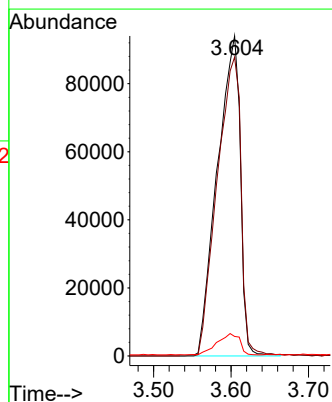
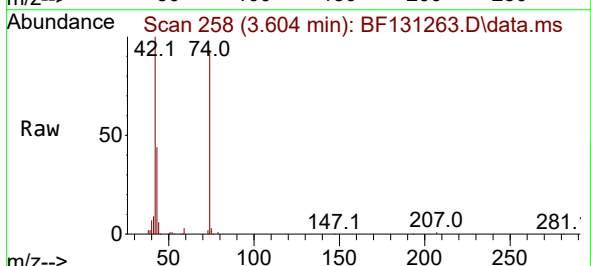
Reviewed By :Christian Giraldo 11/17/2022
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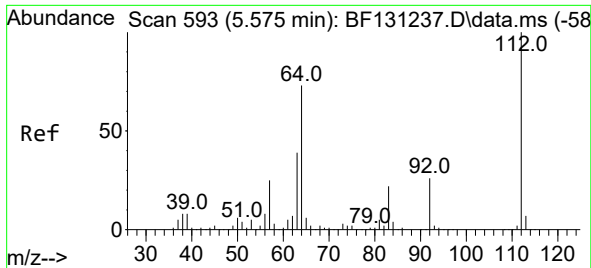
Supervised By :mohammad
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11/17/2022



#4
n-Nitrosodimethylamine
Concen: 43.002 ng
RT: 3.604 min Scan# 258
Delta R.T. 0.077 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion: 42 Resp: 193686
Ion Ratio Lower Upper
42 100
74 93.4 77.8 116.6
44 6.1 5.9 8.9





#5
2-Fluorophenol
Concen: 90.691 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.018 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

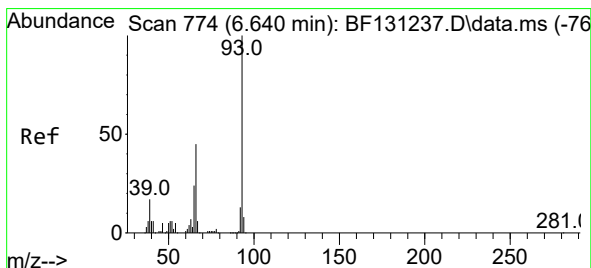
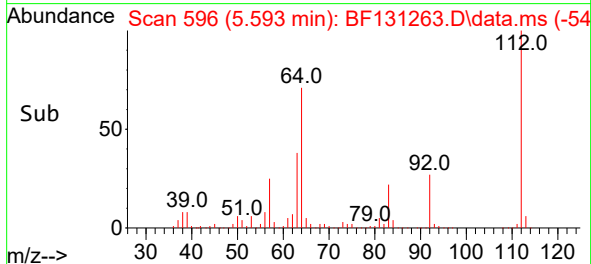
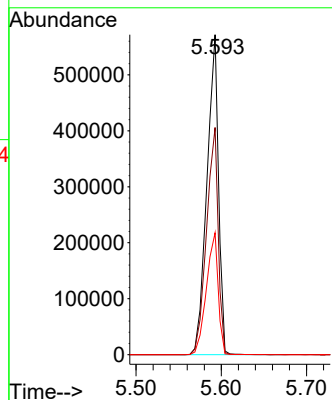
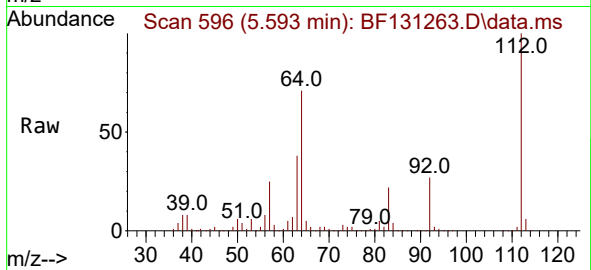
Instrument :
BNA_F
ClientSampleId :
PB149098BS

Tgt Ion:112 Resp: 541184
Ion Ratio Lower Upper
112 100
64 71.0 58.4 87.6
63 38.1 31.6 47.4

Manual Integrations
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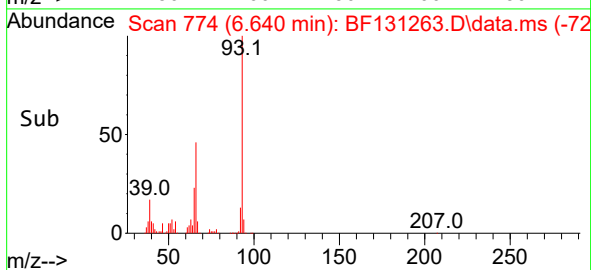
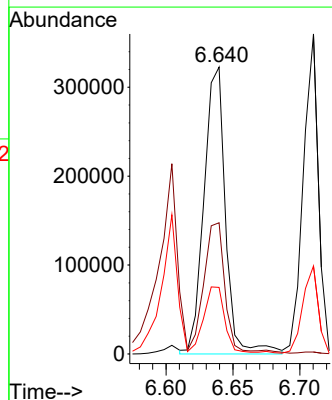
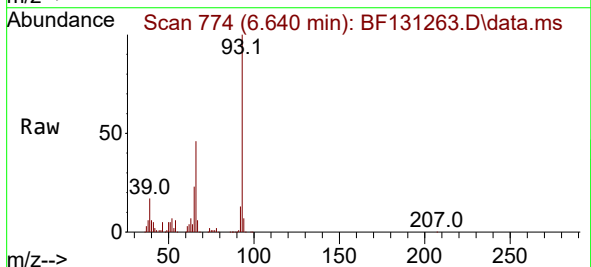
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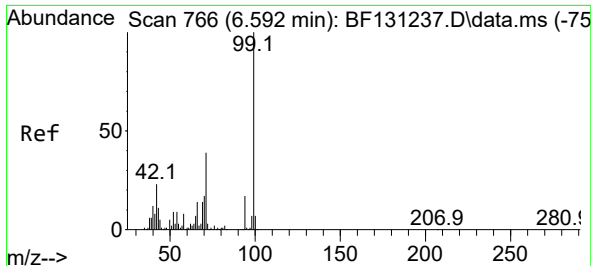
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#6
Aniline
Concen: 38.085 ng m
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

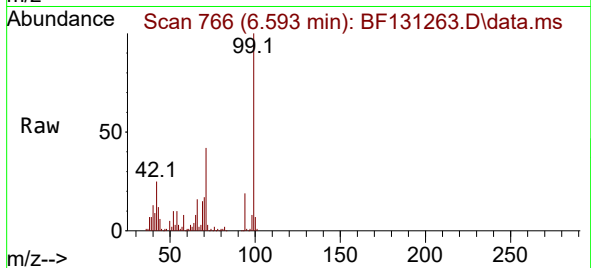
Tgt Ion: 93 Resp: 361059
Ion Ratio Lower Upper
93 100
66 45.7 36.6 55.0
65 23.2 19.3 28.9





#7
Phenol-d6
Concen: 89.931 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.001 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

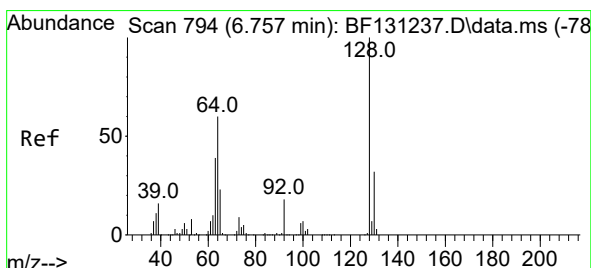
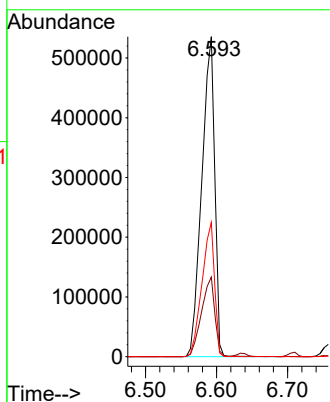
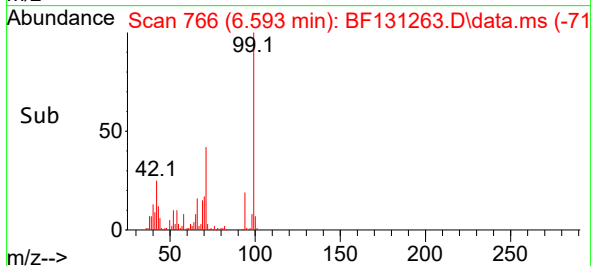


Tgt Ion: 99 Resp: 679700
Ion Ratio Lower Upper
99 100
42 24.9 18.6 28.0
71 41.9 31.1 46.7

Manual Integrations
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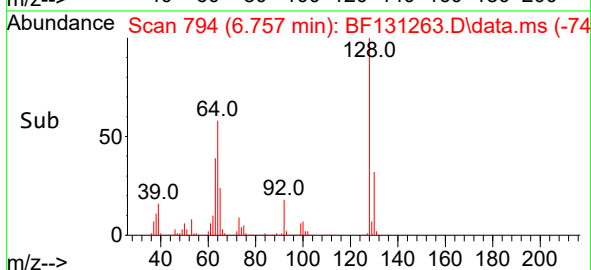
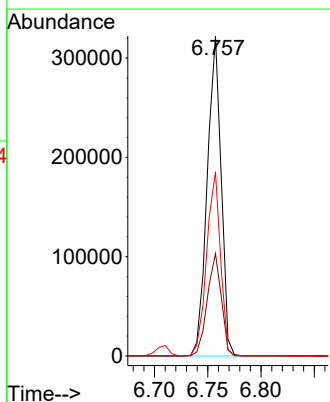
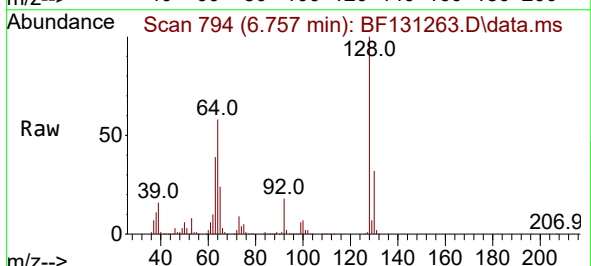
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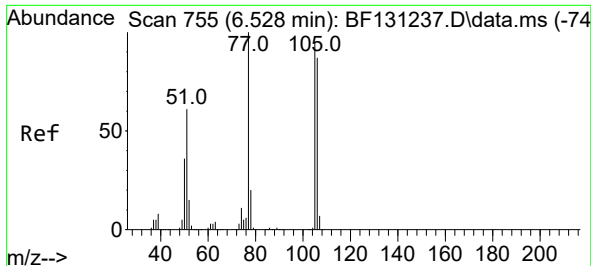
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#8
2-Chlorophenol
Concen: 43.854 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

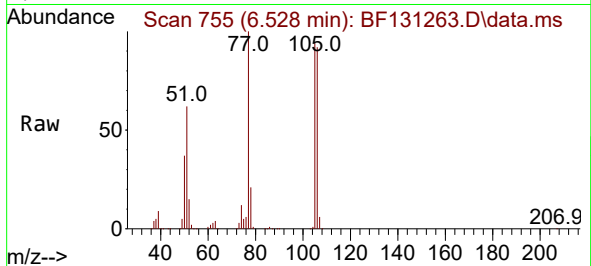
Tgt Ion:128 Resp: 294169
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 57.6 40.1 80.1





#9
Benzaldehyde
Concen: 33.842 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

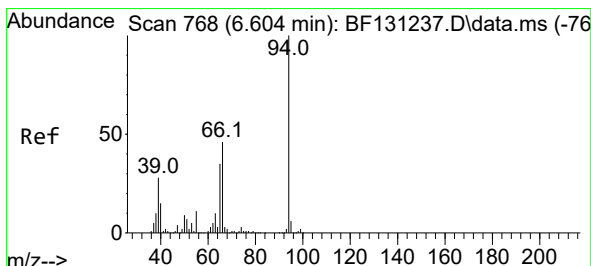
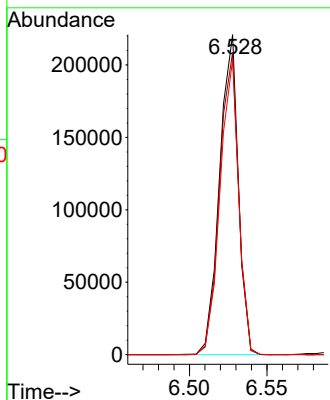


Tgt Ion: 77 Resp: 18553
Ion Ratio Lower Upper
77 100
105 94.4 74.8 114.8
106 92.1 67.3 107.3

Manual Integrations
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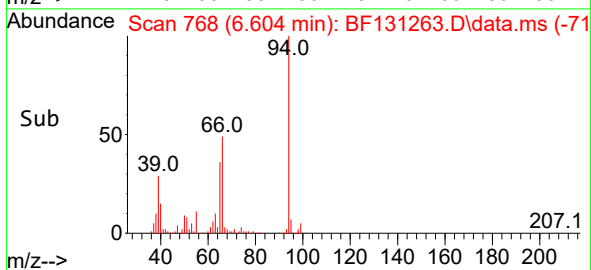
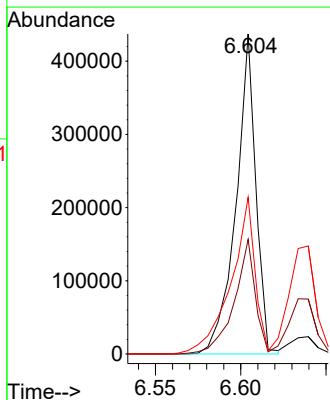
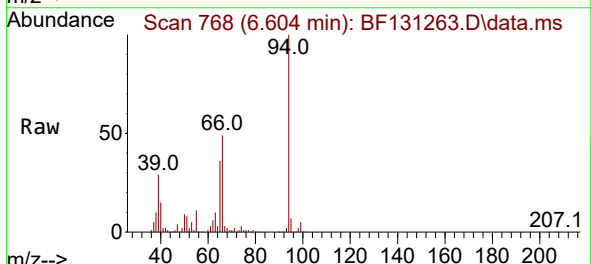
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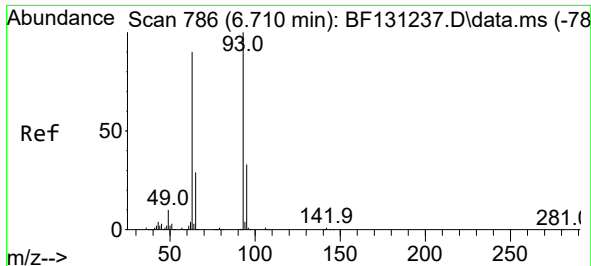
Supervised By :mohammad
ahmed
11/17/2022



#10
Phenol
Concen: 41.998 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion: 94 Resp: 355097
Ion Ratio Lower Upper
94 100
65 35.8 14.8 54.8
66 48.9 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 42.247 ng

RT: 6.710 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF131263.D

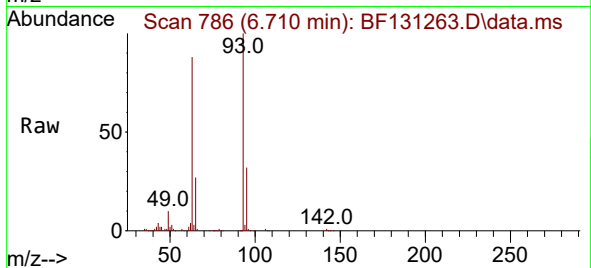
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 93 Resp: 27968

Ion Ratio Lower Upper

93 100

63 88.1 69.8 109.8

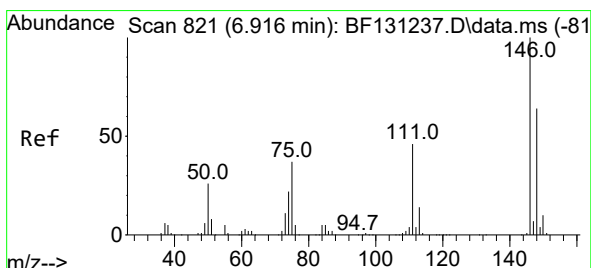
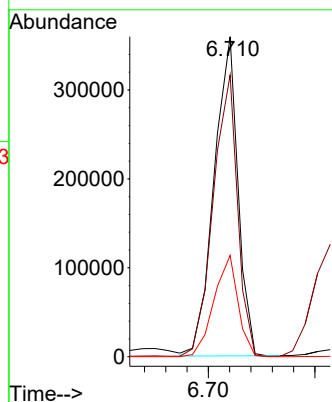
95 31.7 13.4 53.4

Manual Integrations

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Supervised By :mohammad ahmed 11/17/2022

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ahmed
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#12

1,3-Dichlorobenzene

Concen: 40.810 ng

RT: 6.916 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

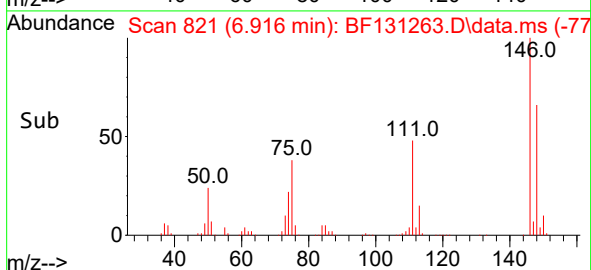
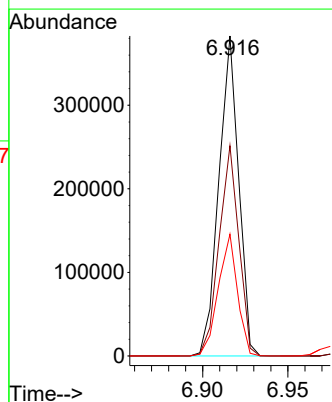
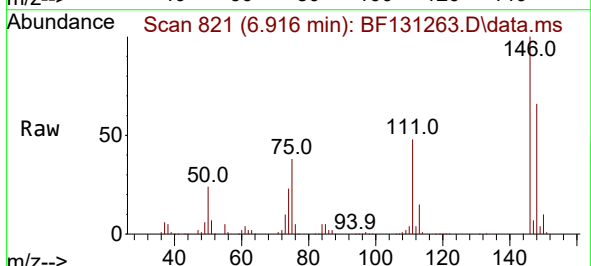
Tgt Ion:146 Resp: 309700

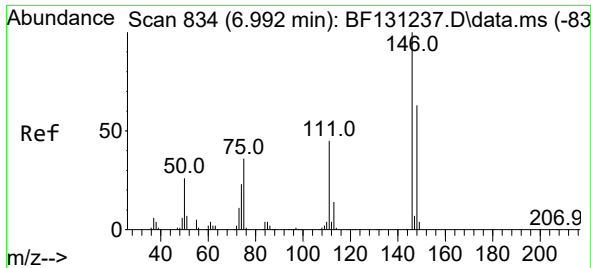
Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.6

75 38.0 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 40.989 ng

RT: 6.992 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

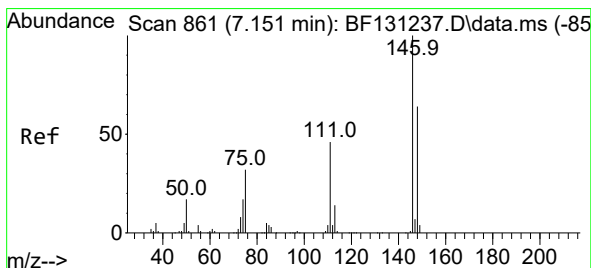
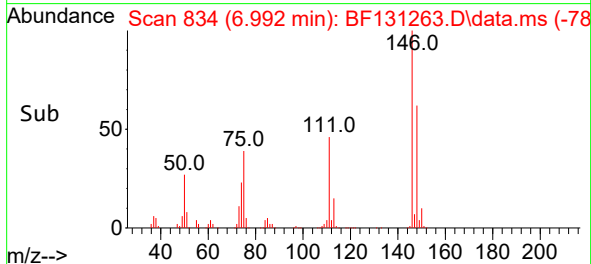
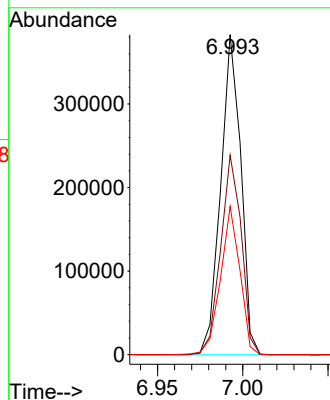
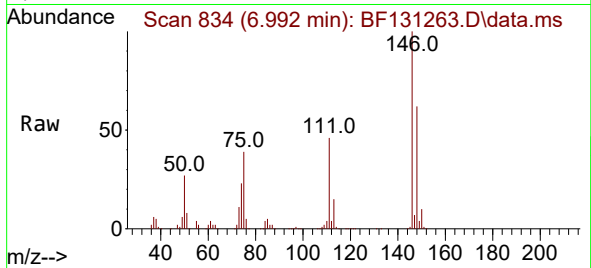
Tgt Ion:146 Resp: 314584
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.1 75.1
 111 46.3 36.3 54.5

Manual Integrations

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 ahmed
 11/17/2022



#14

1,2-Dichlorobenzene

Concen: 43.473 ng

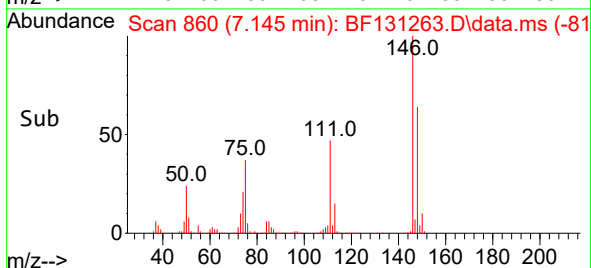
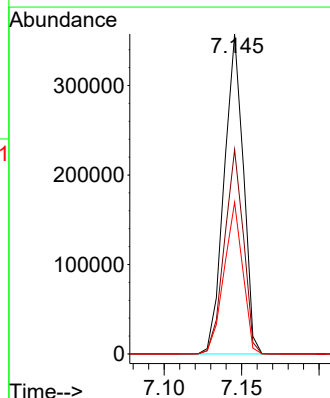
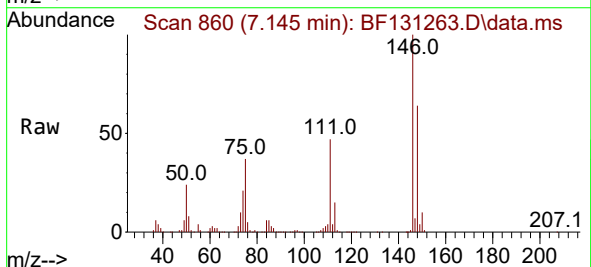
RT: 7.145 min Scan# 860

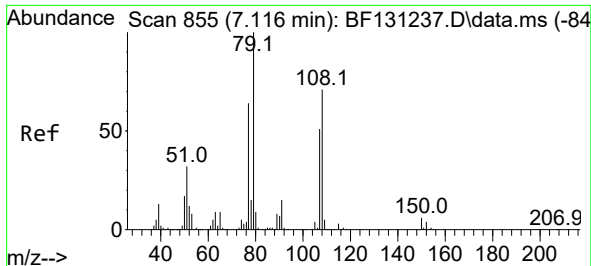
Delta R.T. -0.006 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

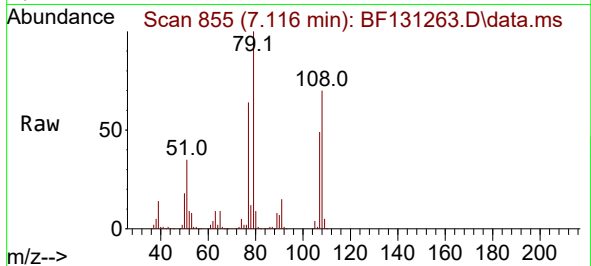
Tgt Ion:146 Resp: 308382
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 47.4 36.9 55.3





#15
Benzyl Alcohol
Concen: 41.127 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

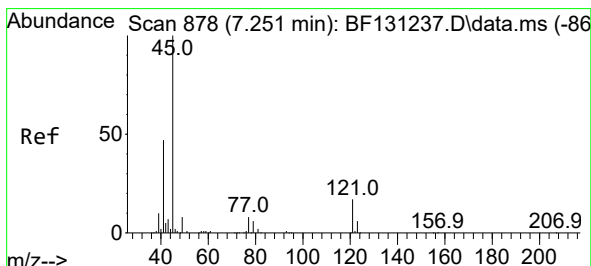
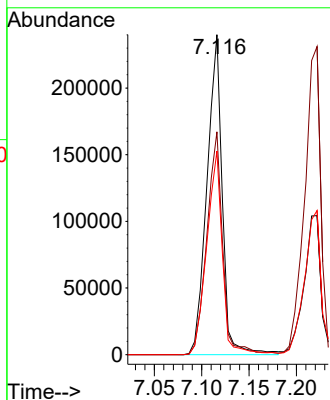
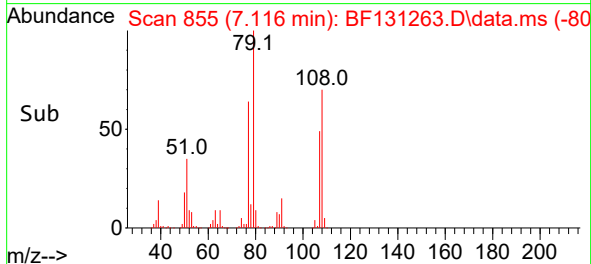


Tgt Ion: 79 Resp: 27000
Ion Ratio Lower Upper
79 100
108 69.6 56.7 85.1
77 63.6 51.4 77.2

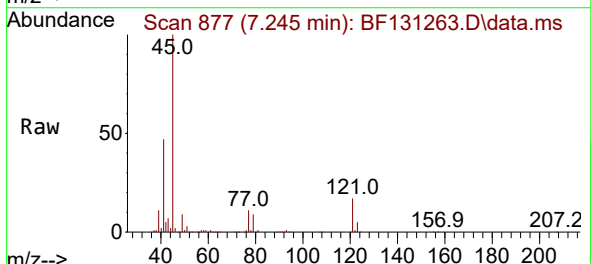
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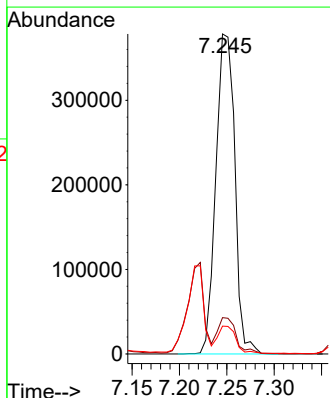
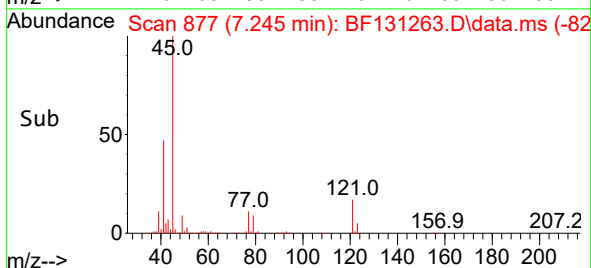
Supervised By :mohammad
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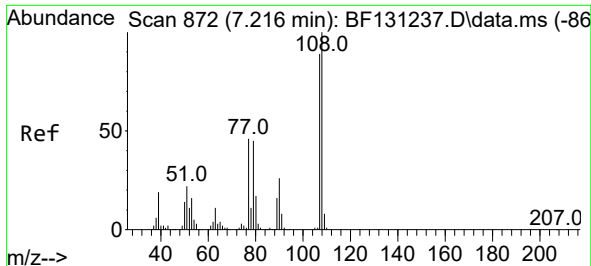


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.306 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



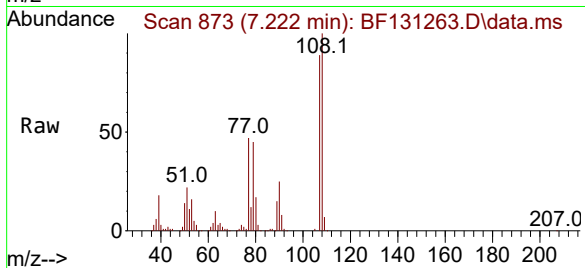
Tgt Ion: 45 Resp: 527539
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.0
79 8.7 0.0 28.5





#17
2-Methylphenol
Concen: 41.637 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

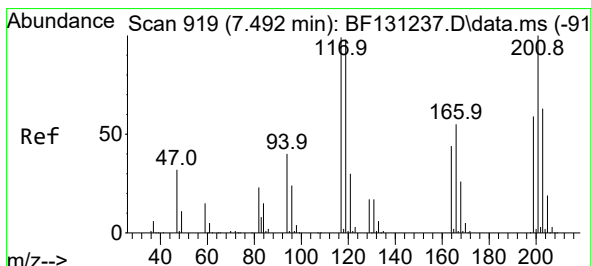
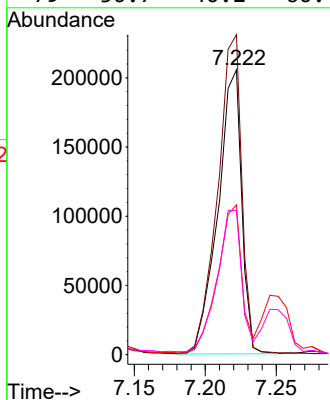
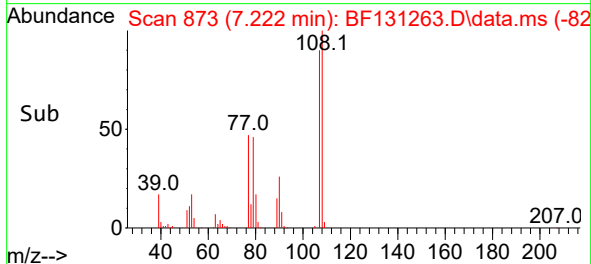


Tgt Ion:107 Resp: 23844
Ion Ratio Lower Upper
107 100
108 112.4 89.8 134.6
77 52.6 41.4 62.0
79 50.7 40.2 60.4

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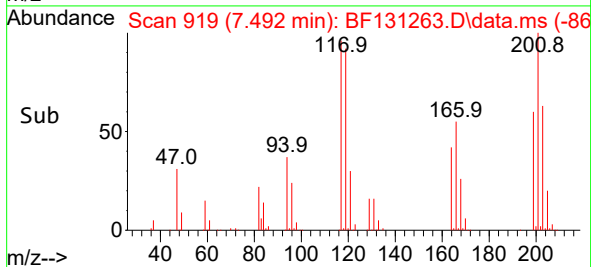
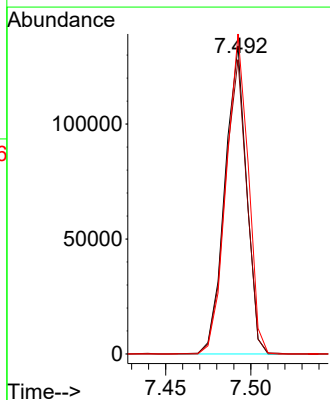
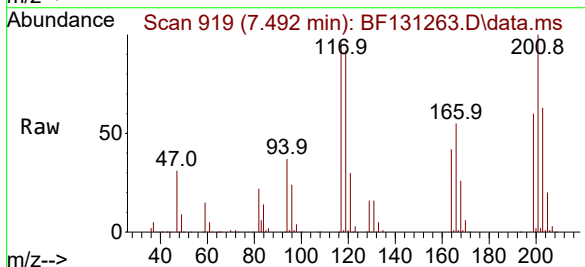
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

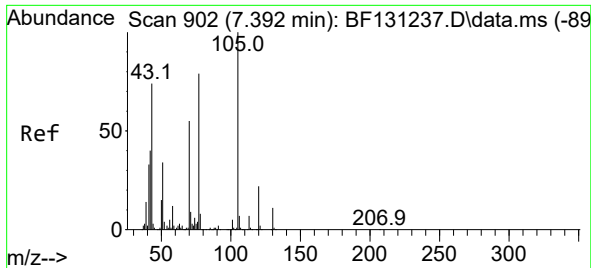
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#18
Hexachloroethane
Concen: 42.354 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:117 Resp: 118172
Ion Ratio Lower Upper
117 100
119 95.5 79.0 118.6
201 103.8 80.9 121.3





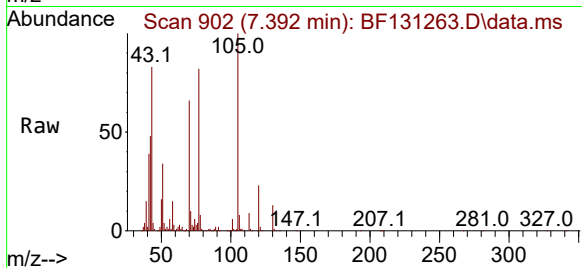
#19
n-Nitroso-di-n-propylamine
Concen: 41.719 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

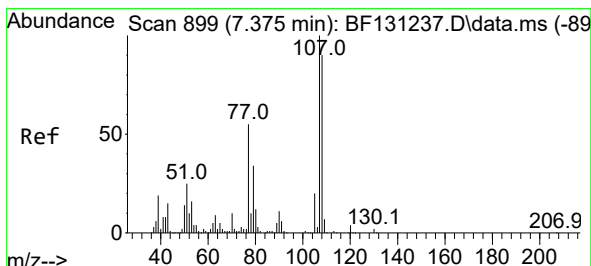
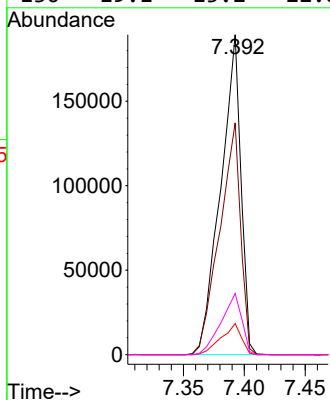
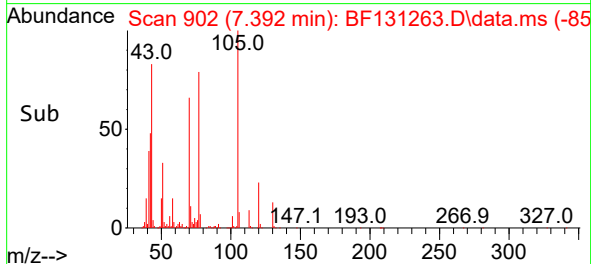


Tgt Ion: 70 Resp: 219718
Ion Ratio Lower Upper
70 100
42 72.4 58.3 87.5
101 9.7 7.2 10.8
130 19.1 15.2 22.8

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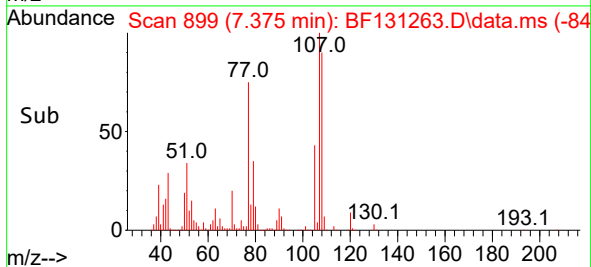
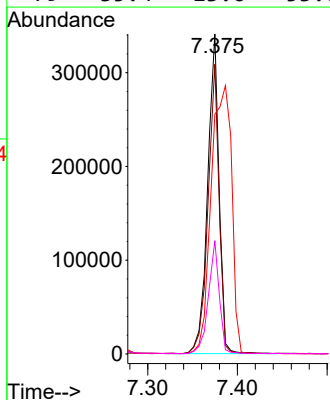
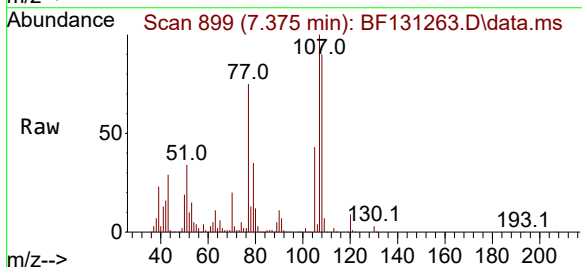
Reviewed By :Christian Giraldo 11/17/2022
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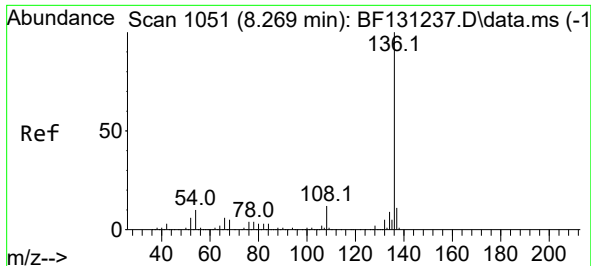
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#20
3+4-Methylphenols
Concen: 40.783 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:107 Resp: 302102
Ion Ratio Lower Upper
107 100
108 90.5 69.5 109.5
77 74.9 35.3 75.3
79 35.4 13.6 53.6





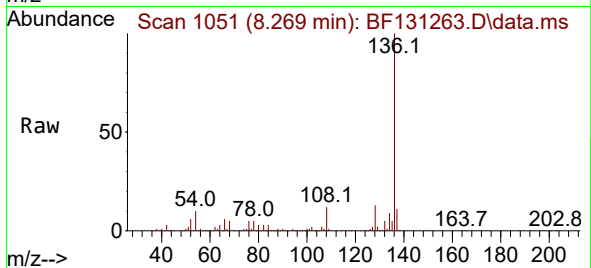
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

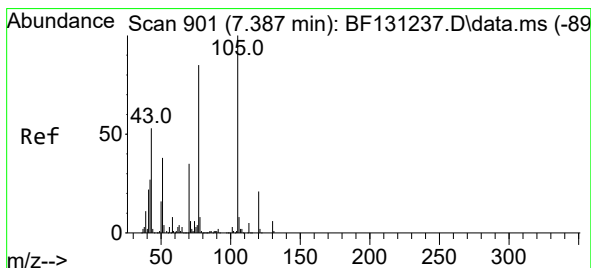
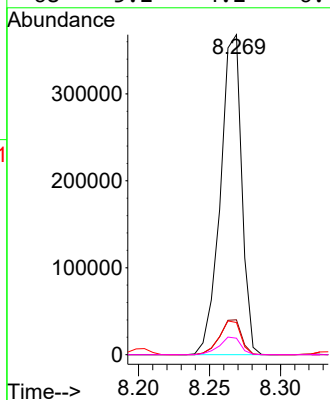
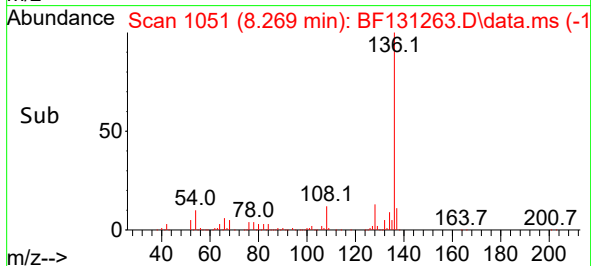


Tgt Ion:136 Resp: 38312
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.0 7.8 11.8
68 5.2 4.2 6.4

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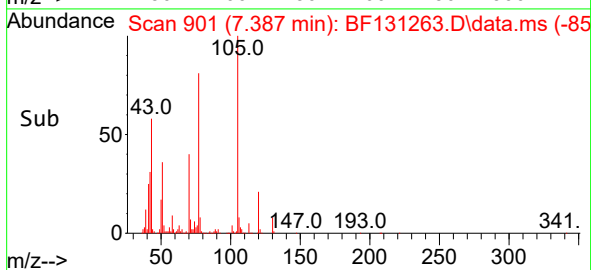
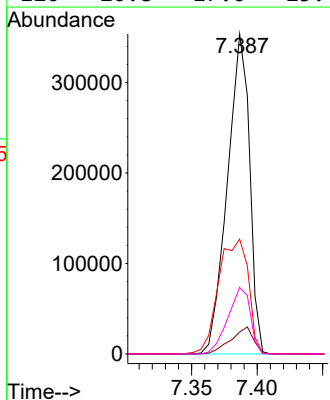
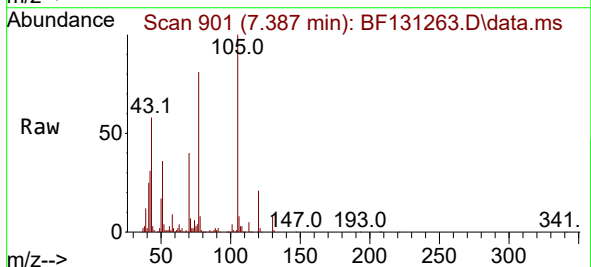
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

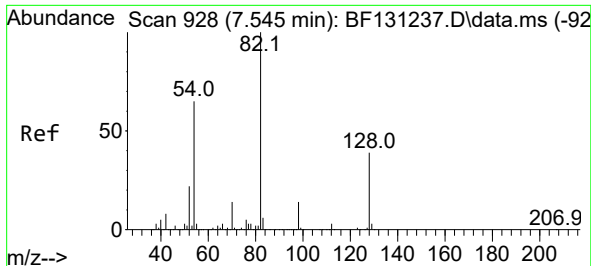
Supervised By :mohammad
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#22
Acetophenone
Concen: 41.732 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

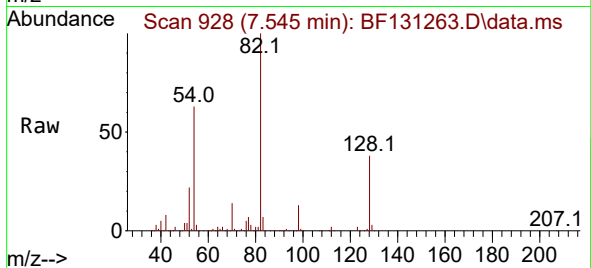
Tgt Ion:105 Resp: 416776
Ion Ratio Lower Upper
105 100
71 6.9 4.7 7.1
51 35.9 30.2 45.2
120 20.8 17.0 25.4





#23
Nitrobenzene-d5
Concen: 96.367 ng
RT: 7.545 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

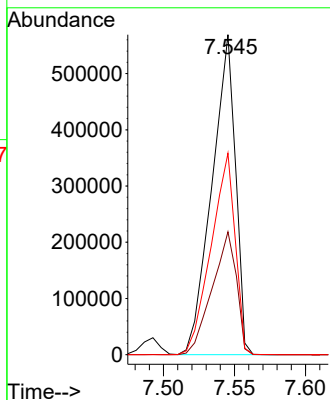
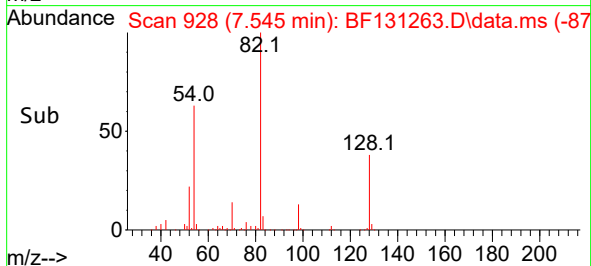
Instrument :
BNA_F
ClientSampleId :
PB149098BS



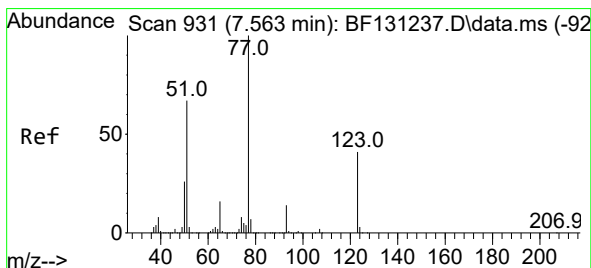
Tgt Ion: 82 Resp: 657774
Ion Ratio Lower Upper
82 100
128 38.4 31.1 46.7
54 63.0 51.8 77.6

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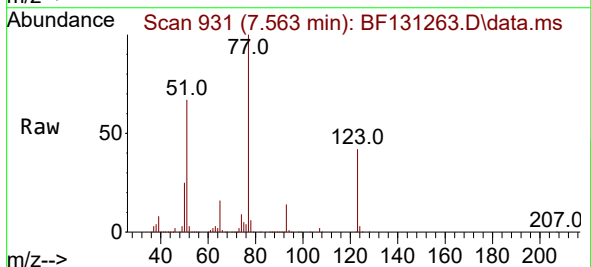
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



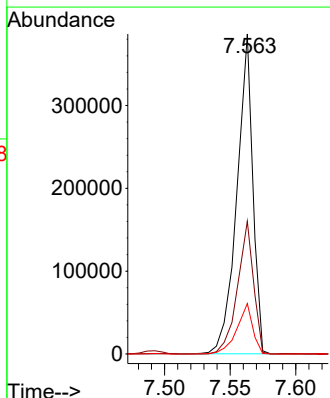
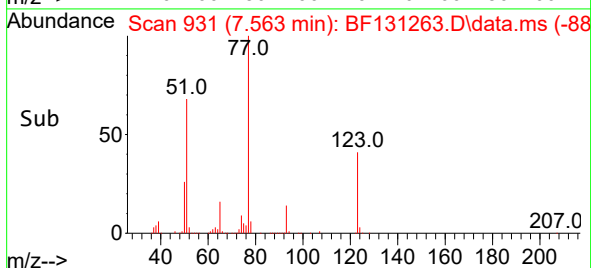
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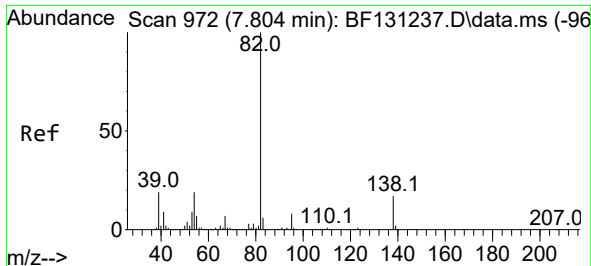


#24
Nitrobenzene
Concen: 44.512 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



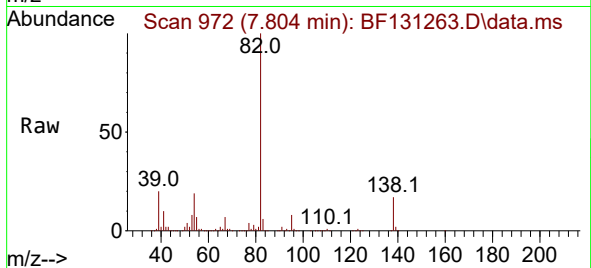
Tgt Ion: 77 Resp: 327997
Ion Ratio Lower Upper
77 100
123 41.5 33.2 49.8
65 15.7 13.0 19.4





#25
Isophorone
Concen: 43.827 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

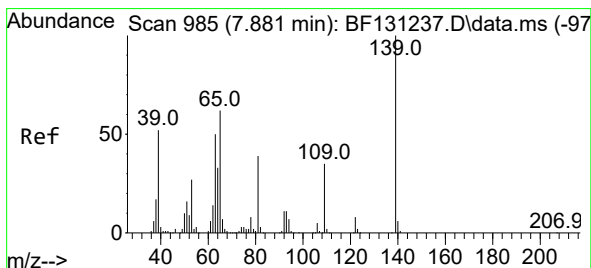
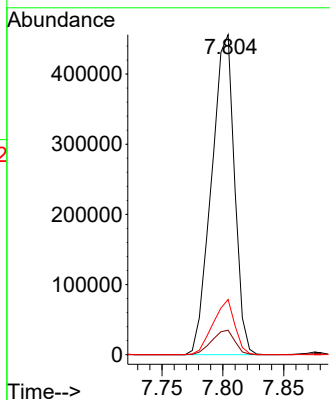
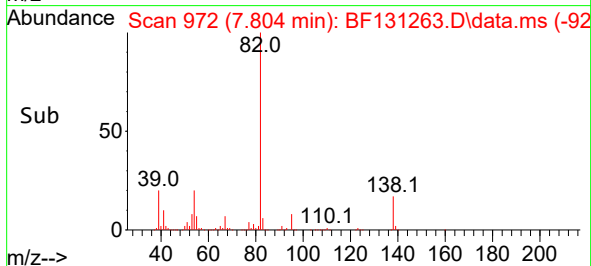


Tgt Ion: 82 Resp: 597640
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.3 13.4 20.0

Manual Integrations
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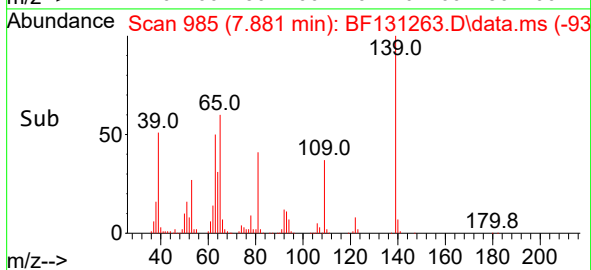
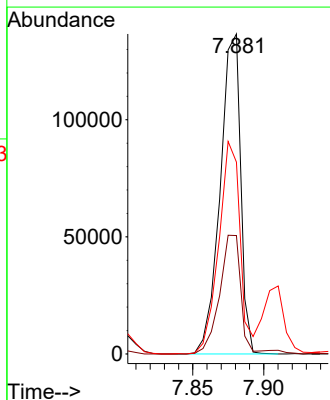
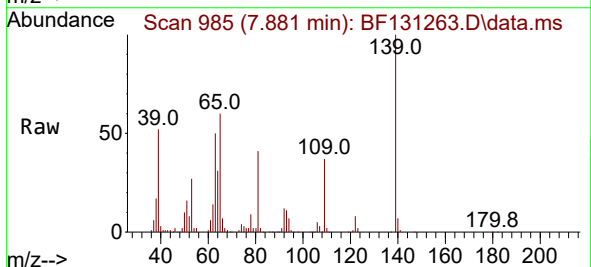
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

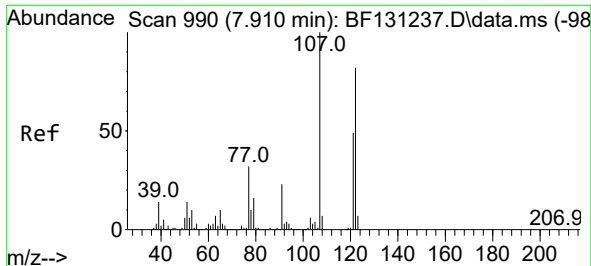
Supervised By :mohammad
ahmed
11/17/2022



#26
2-Nitrophenol
Concen: 46.516 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:139 Resp: 136918
Ion Ratio Lower Upper
139 100
109 37.0 28.0 42.0
65 59.9 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 48.386 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF131263.D

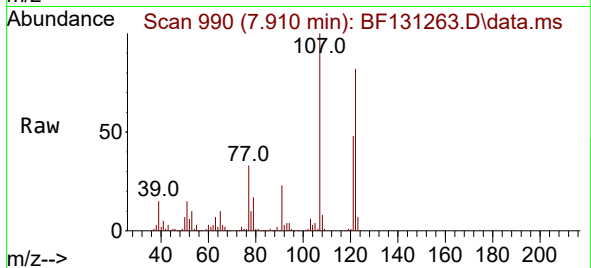
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS



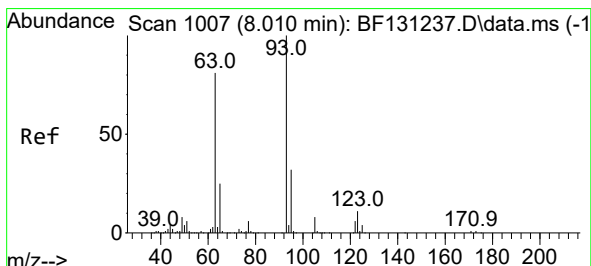
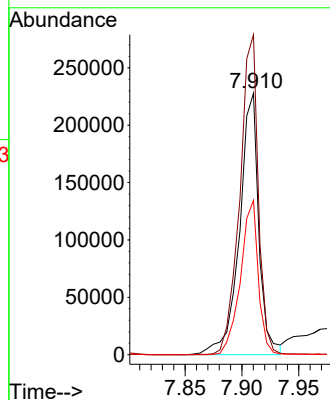
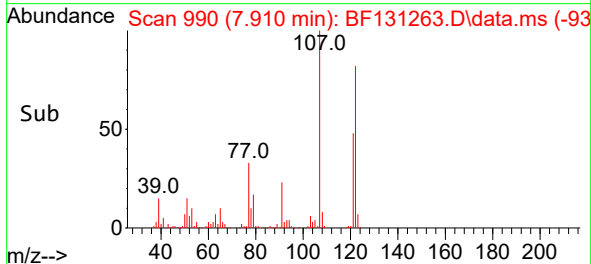
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.4	97.1	145.7
121	59.1	47.5	71.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

Supervised By :mohammad
ahmed
11/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.014 ng

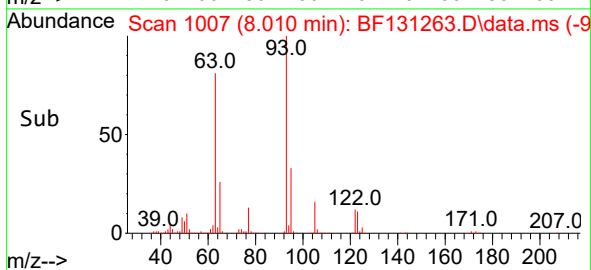
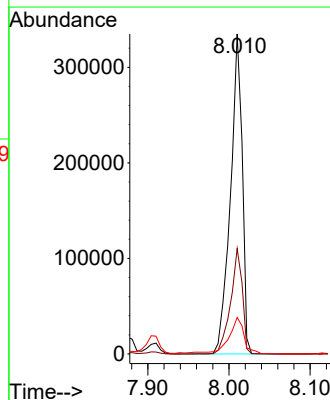
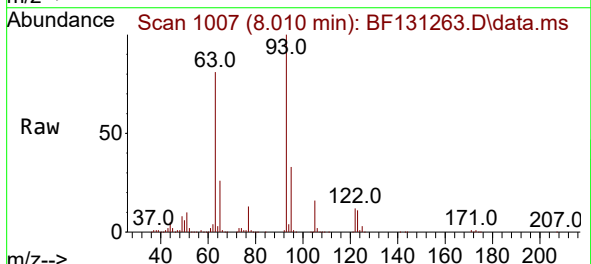
RT: 8.010 min Scan# 1007

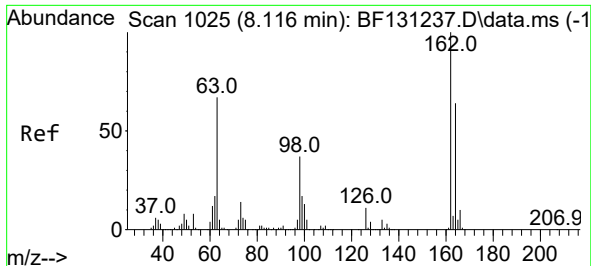
Delta R.T. 0.000 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.7	38.5
123	11.4	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.806 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

Tgt Ion:162 Resp: 25234

Ion Ratio Lower Upper

162 100

164 64.0 43.5 83.5

98 38.3 17.2 57.2

Manual Integrations

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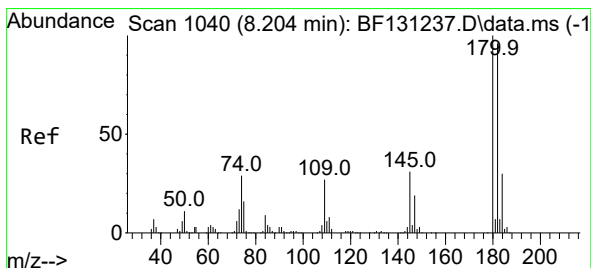
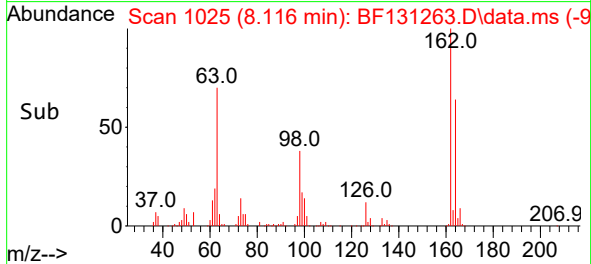
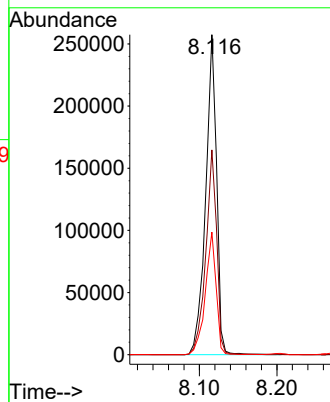
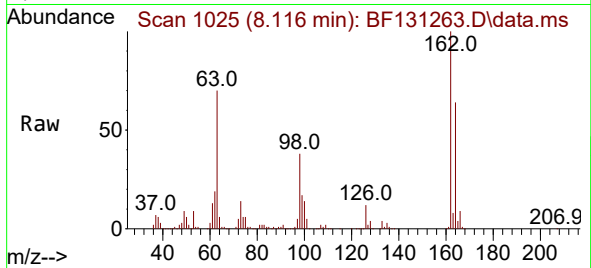
Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022

Supervised By :mohammad

ahmed

11/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.380 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

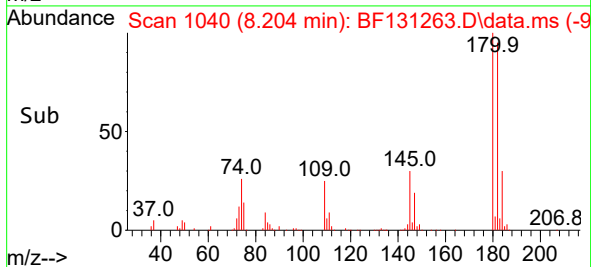
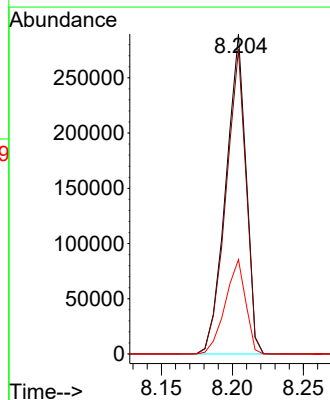
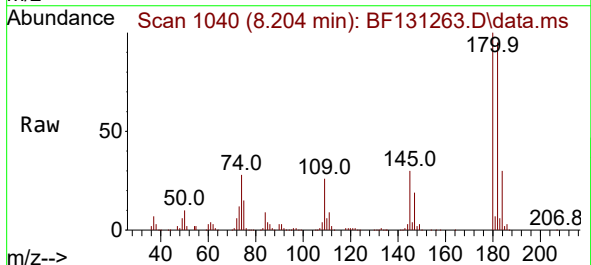
Tgt Ion:180 Resp: 285764

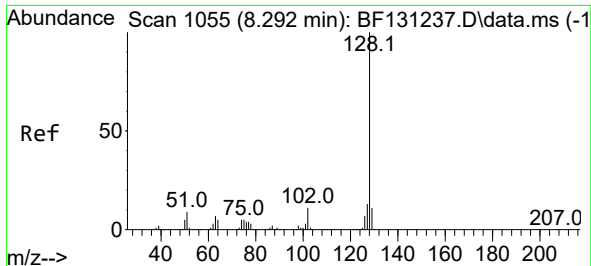
Ion Ratio Lower Upper

180 100

182 95.2 76.6 115.0

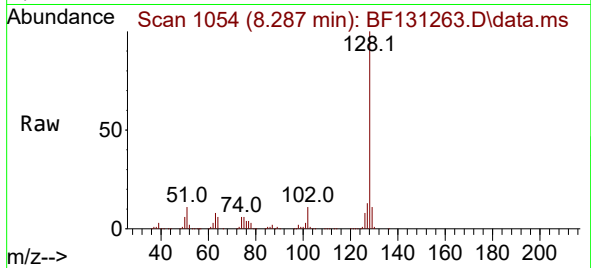
145 29.5 24.8 37.2





#31
Naphthalene
Concen: 39.151 ng
RT: 8.287 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

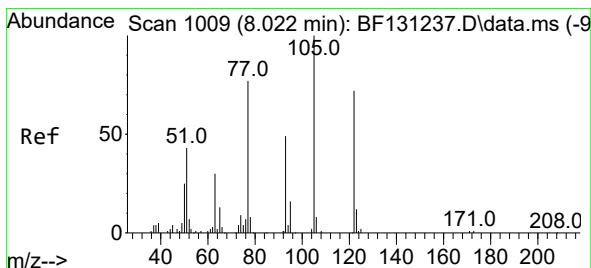
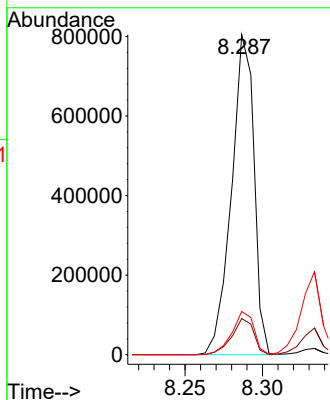
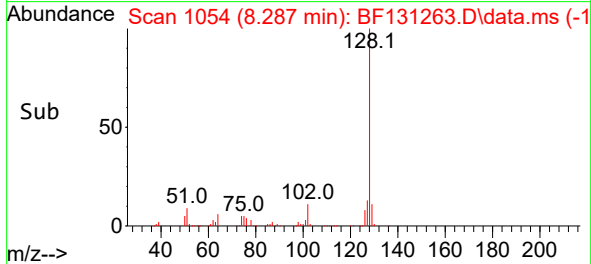


Tgt Ion:128 Resp: 812650
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.5 10.3 15.5

Manual Integrations
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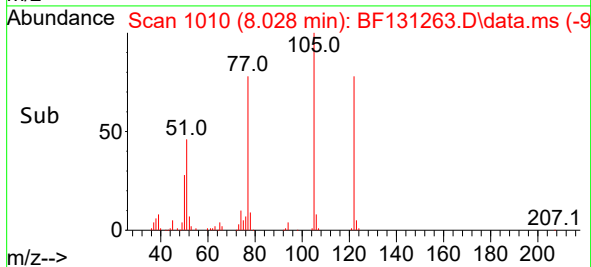
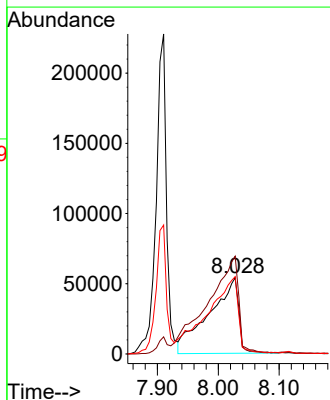
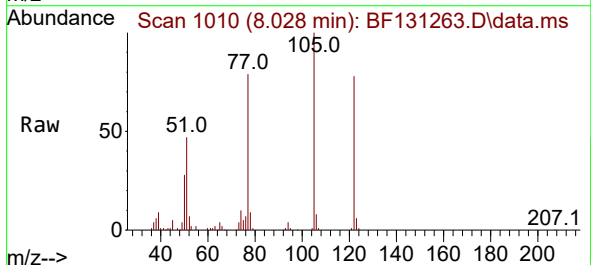
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

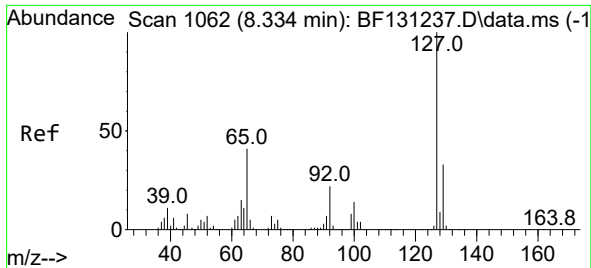
Supervised By :mohammad
ahmed
11/17/2022



#32
Benzoic acid
Concen: 45.332 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:122 Resp: 181189
Ion Ratio Lower Upper
122 100
105 128.4 116.9 156.9
77 101.4 86.9 126.9





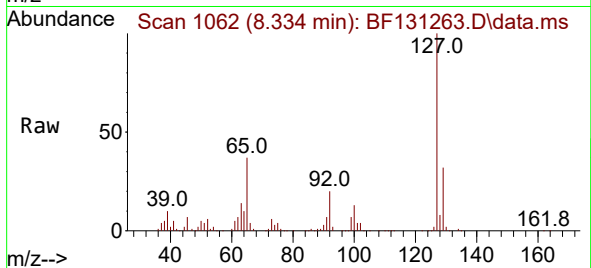
#33
4-Chloroaniline
Concen: 23.556 ng
RT: 8.334 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

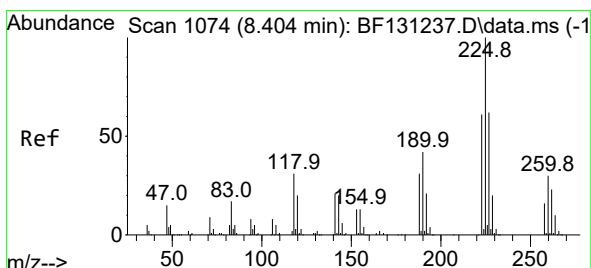
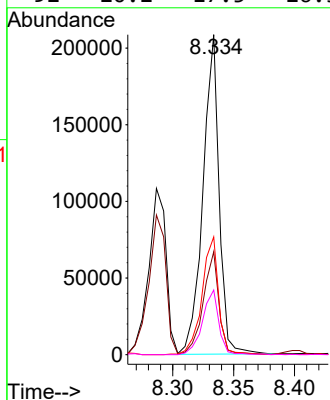
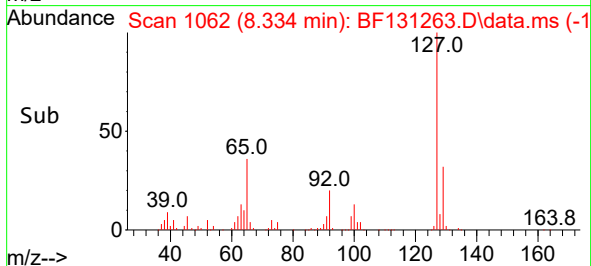


Tgt Ion:127 Resp: 19248
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0
65 36.8 32.6 48.8
92 20.2 17.5 26.3

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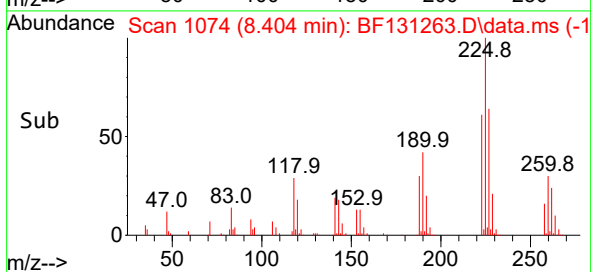
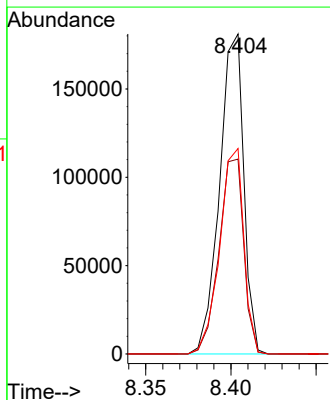
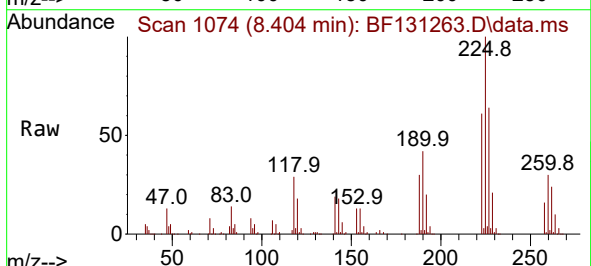
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

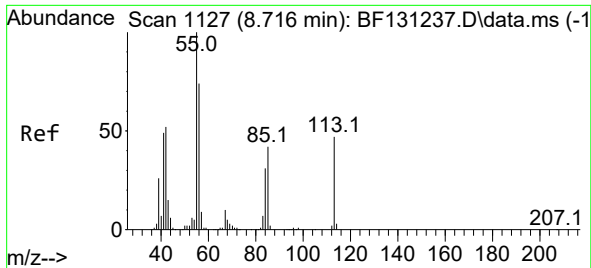
Supervised By :mohammad
ahmed
11/17/2022



#34
Hexachlorobutadiene
Concen: 40.025 ng
RT: 8.404 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

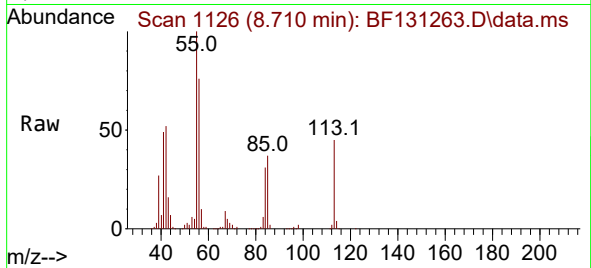
Tgt Ion:225 Resp: 179277
Ion Ratio Lower Upper
225 100
223 60.9 49.1 73.7
227 64.2 50.0 75.0





#35
Caprolactam
Concen: 44.094 ng m
RT: 8.710 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

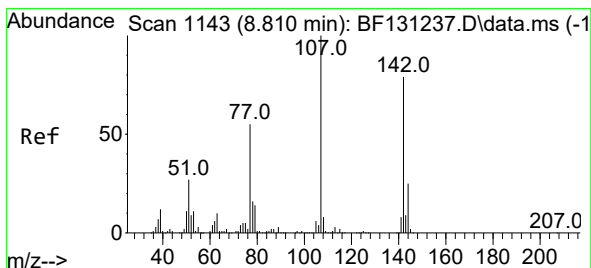
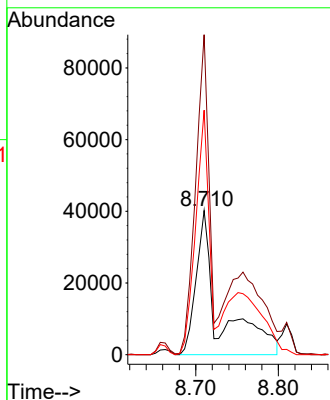
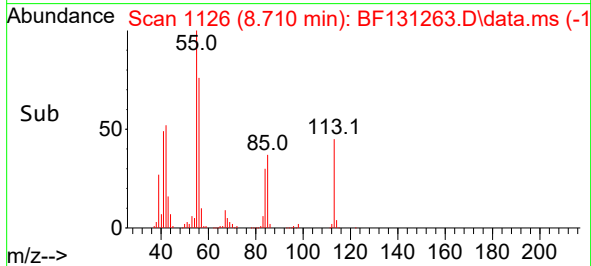


Tgt Ion:113 Resp: 7865
Ion Ratio Lower Upper
113 100
55 221.9 193.2 233.2
56 169.6 137.2 177.2

Manual Integrations
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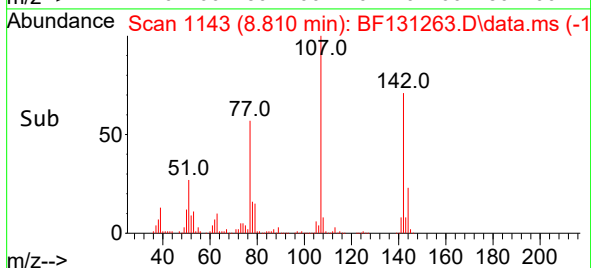
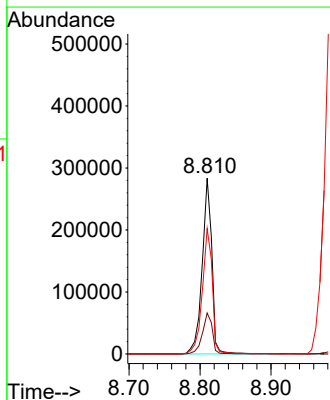
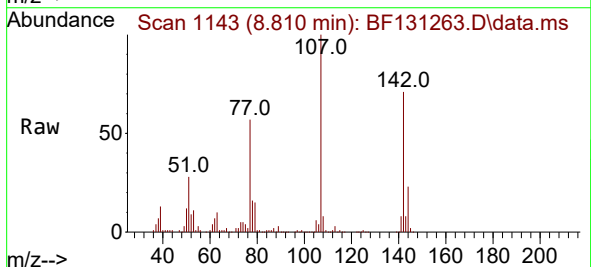
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

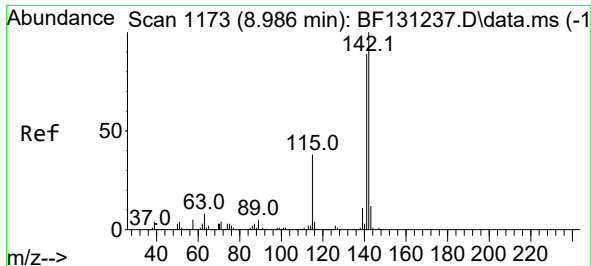
Supervised By :mohammad
ahmed
11/17/2022



#36
4-Chloro-3-methylphenol
Concen: 42.556 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:107 Resp: 270379
Ion Ratio Lower Upper
107 100
144 23.4 20.2 30.2
142 71.4 63.0 94.6





#37
2-Methylnaphthalene
Concen: 40.258 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

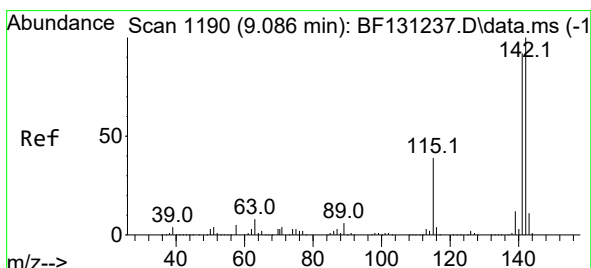
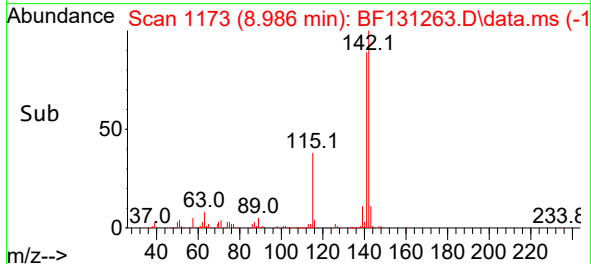
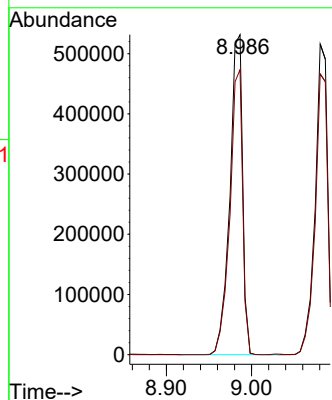
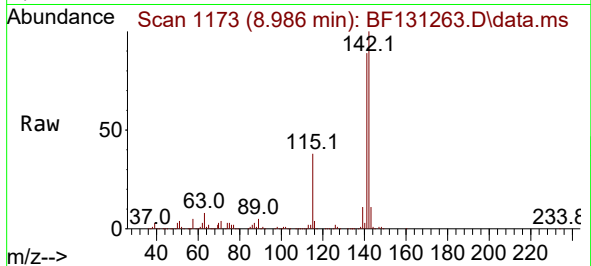
Instrument :
BNA_F
ClientSampleId :
PB149098BS

Tgt Ion:142 Resp: 556544
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6

Manual Integrations
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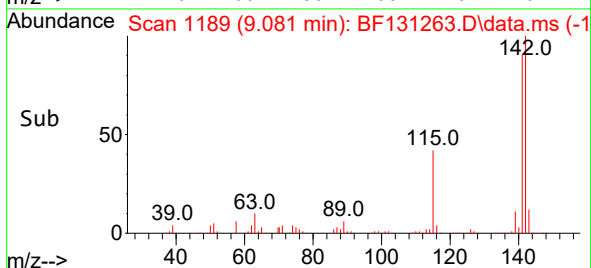
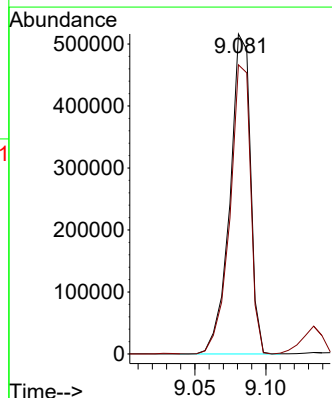
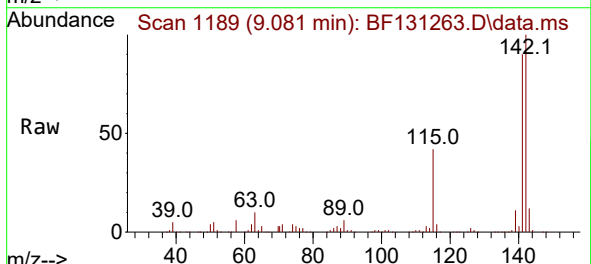
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

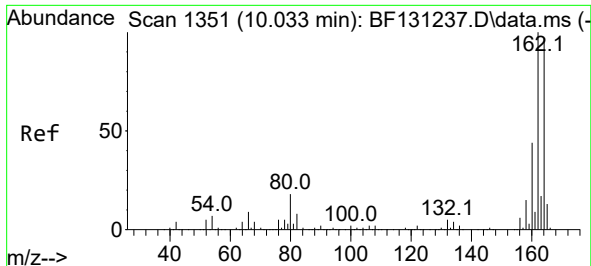
Supervised By :mohammad
ahmed
11/17/2022



#38
1-Methylnaphthalene
Concen: 38.743 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:142 Resp: 519348
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.2





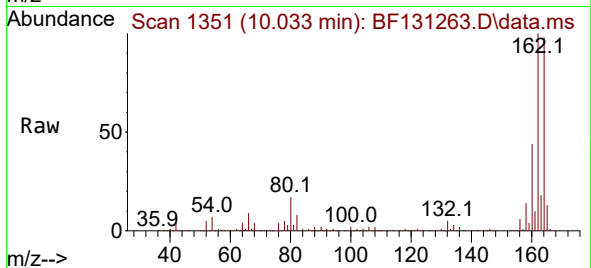
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

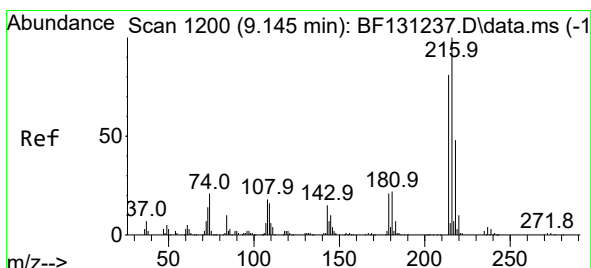
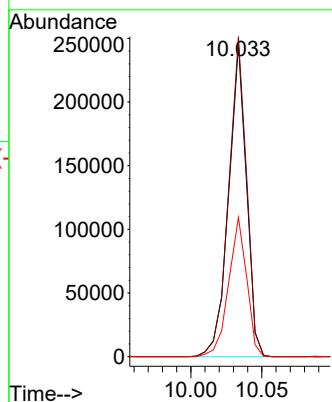


Tgt Ion:164 Resp: 21429
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 44.6 36.2 54.4

Manual Integrations
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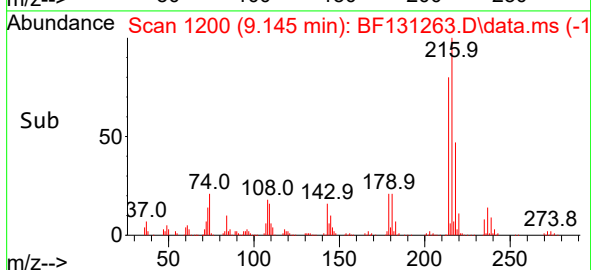
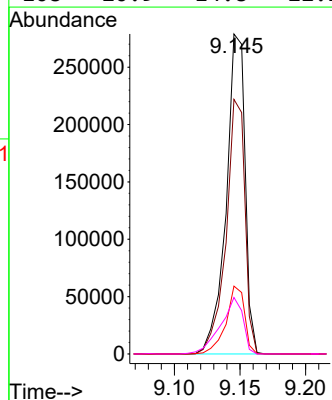
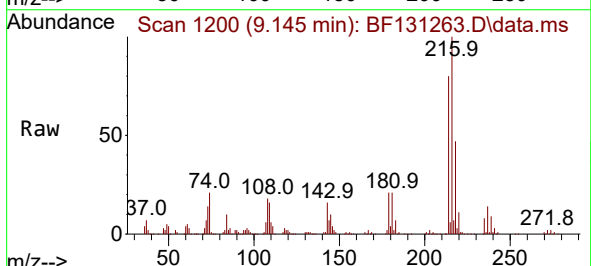
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

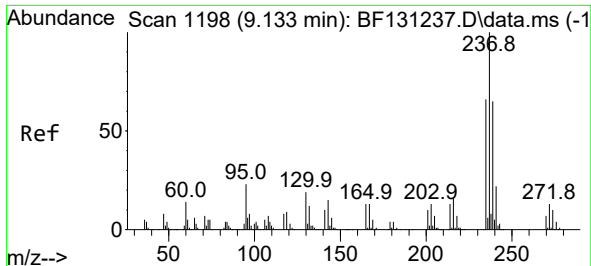
Supervised By :mohammad
ahmed
11/17/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.633 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

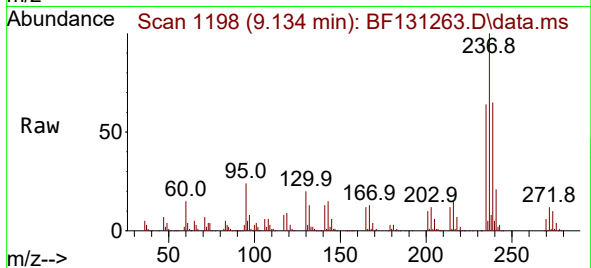
Tgt Ion:216 Resp: 280351
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.7 16.5 24.7
108 20.9 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 101.097 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

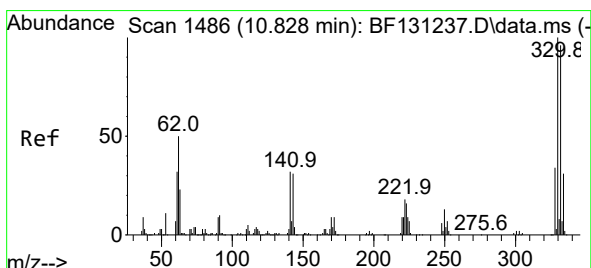
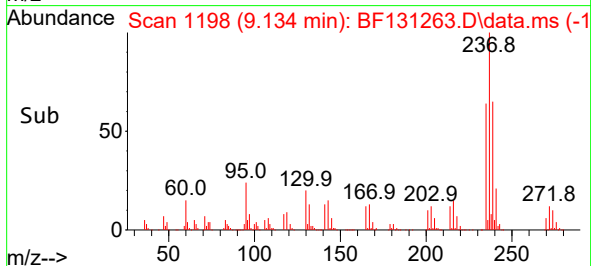
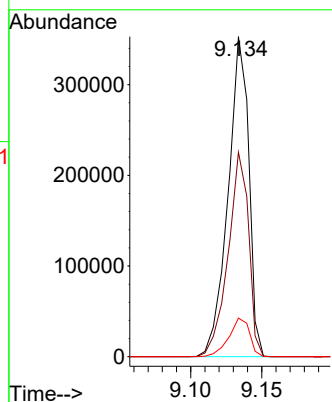


Tgt Ion:237 Resp: 357512
Ion Ratio Lower Upper
237 100
235 63.9 45.6 85.6
272 12.0 0.0 32.6

Manual Integrations
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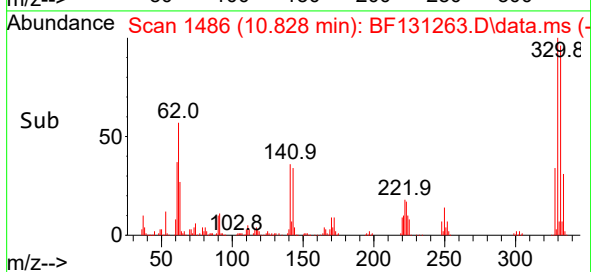
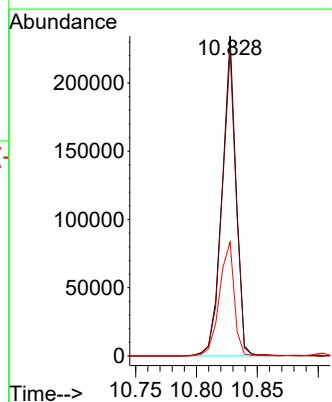
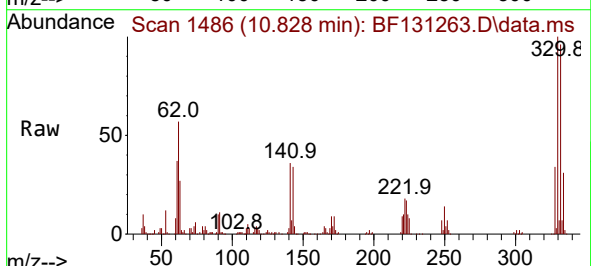
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

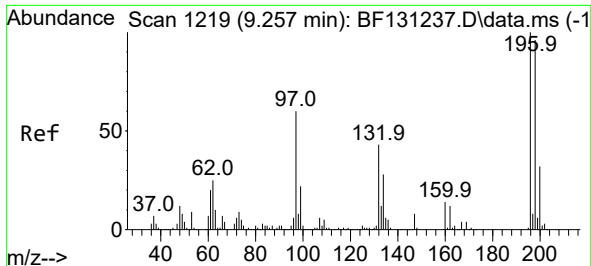
Supervised By :mohammad
ahmed
11/17/2022



#42
2,4,6-Tribromophenol
Concen: 91.937 ng
RT: 10.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:330 Resp: 188188
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 37.5 29.6 44.4





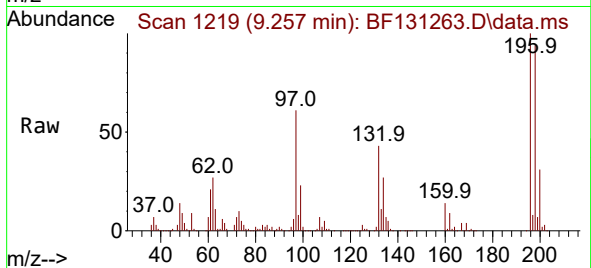
#43
2,4,6-Trichlorophenol
Concen: 42.496 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

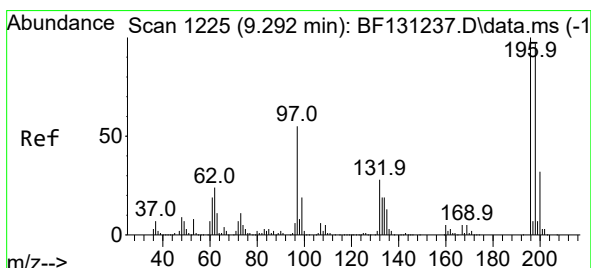
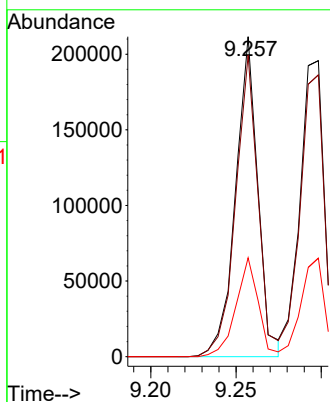


Tgt Ion:196 Resp: 191694
Ion Ratio Lower Upper
196 100
198 94.2 76.5 114.7
200 30.9 25.3 37.9

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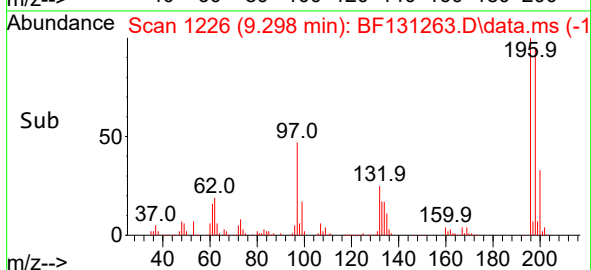
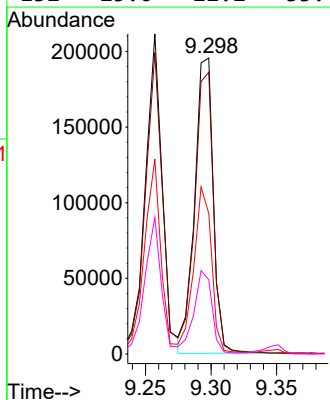
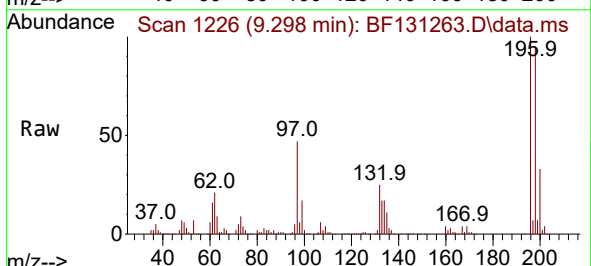
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

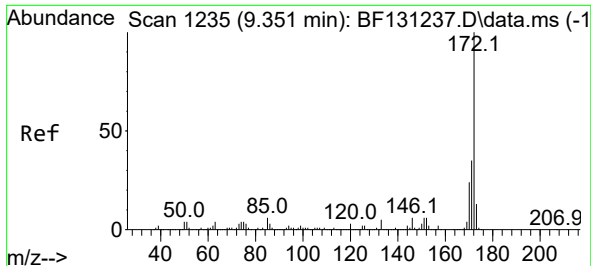
Supervised By :mohammad
ahmed
11/17/2022



#44
2,4,5-Trichlorophenol
Concen: 40.195 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

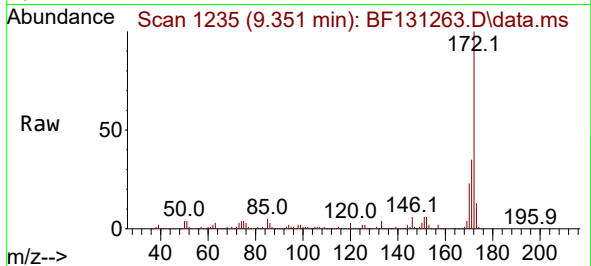
Tgt Ion:196 Resp: 194571
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.6
97 47.4 44.3 66.5
132 25.0 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 82.649 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

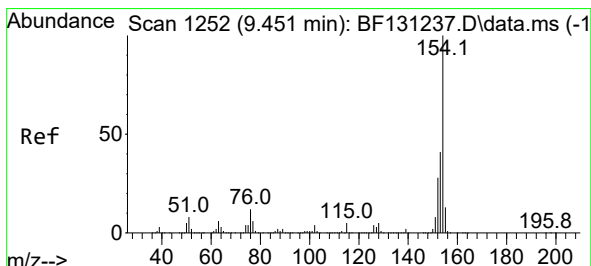
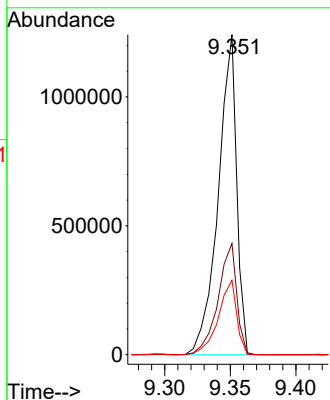
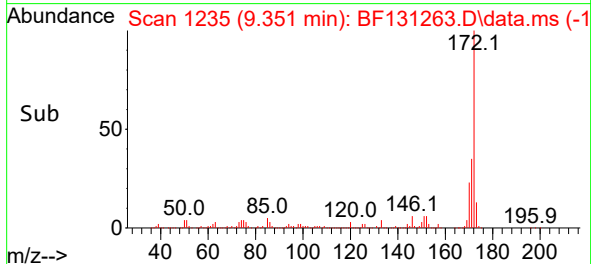


Tgt Ion:172 Resp: 121025
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.3 18.8 28.2

Manual Integrations
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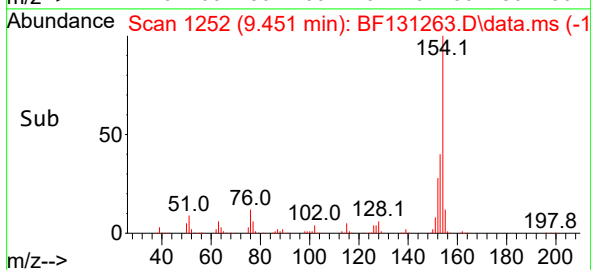
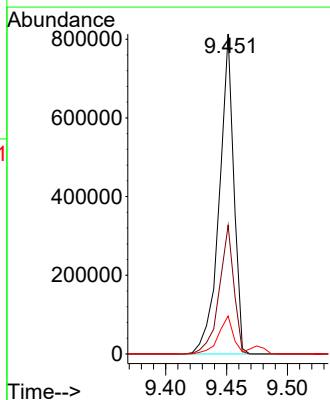
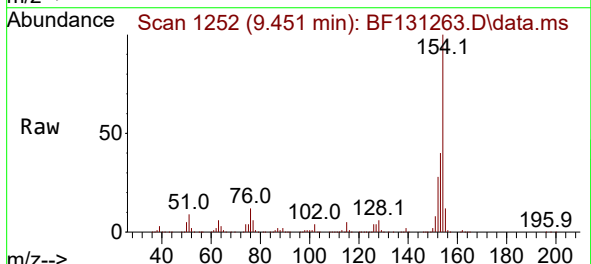
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

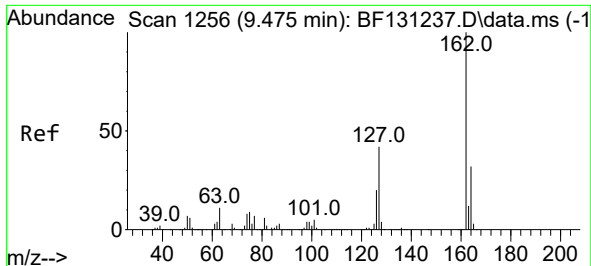
Supervised By :mohammad
ahmed
11/17/2022



#46
1,1'-Biphenyl
Concen: 40.985 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:154 Resp: 675164
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 11.9 0.0 31.6





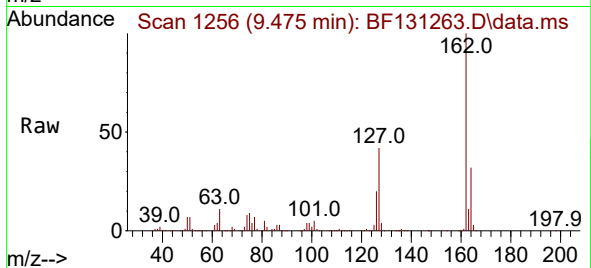
#47
2-Chloronaphthalene
Concen: 40.628 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS



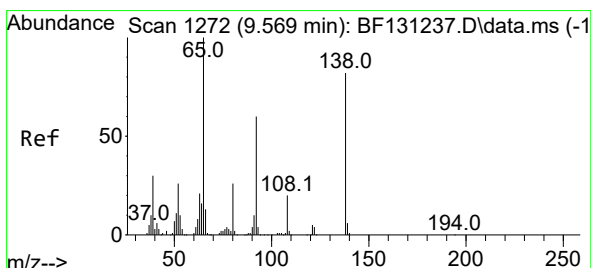
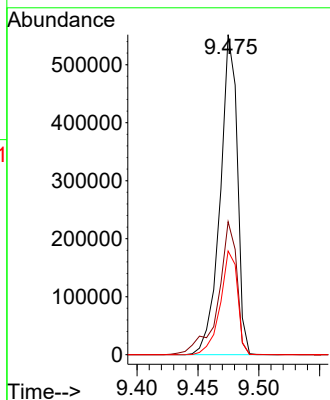
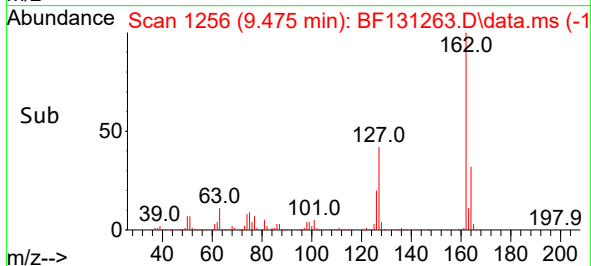
Tgt Ion:162 Resp: 542179
Ion Ratio Lower Upper
162 100
127 41.5 34.1 51.1
164 32.4 25.9 38.9

Manual Integrations

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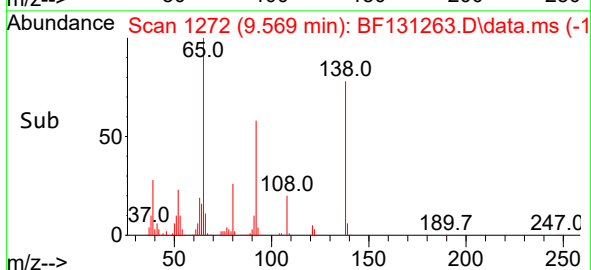
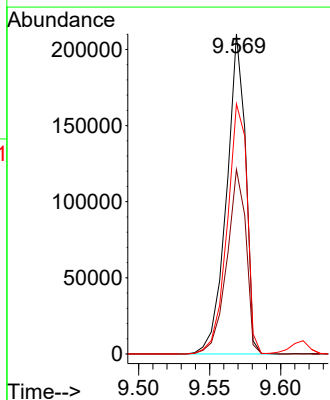
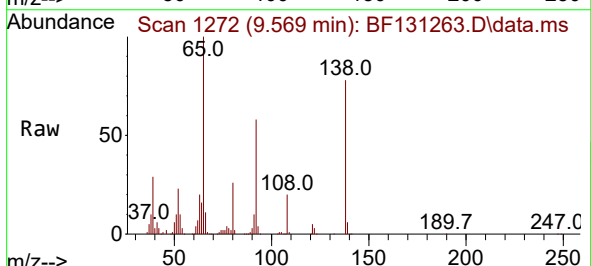
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

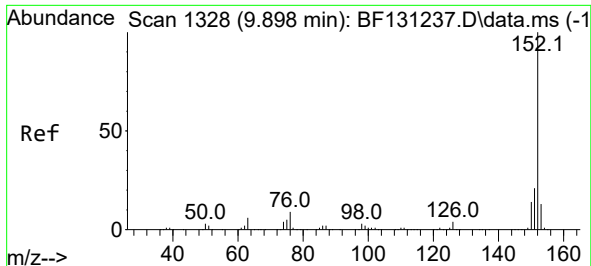
Supervised By :mohammad
ahmed
11/17/2022



#48
2-Nitroaniline
Concen: 45.676 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion: 65 Resp: 194677
Ion Ratio Lower Upper
65 100
92 57.7 48.2 72.2
138 78.1 65.8 98.8





#49

Acenaphthylene

Concen: 40.653 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF131263.D

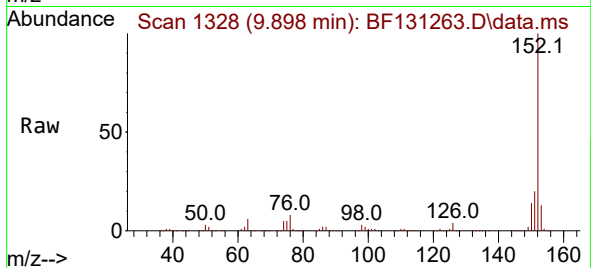
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS



Tgt Ion:152 Resp: 828425

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

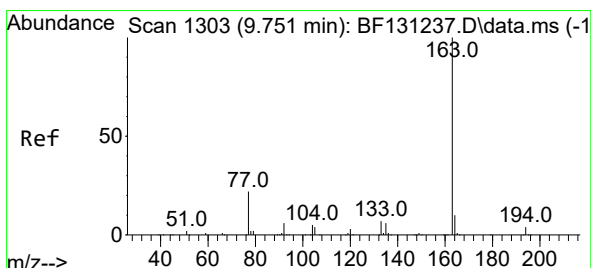
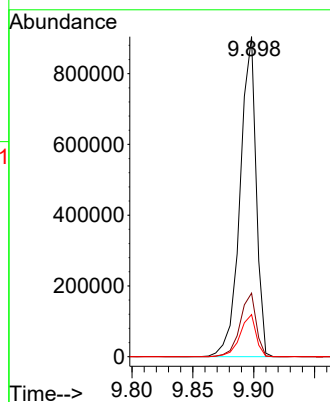
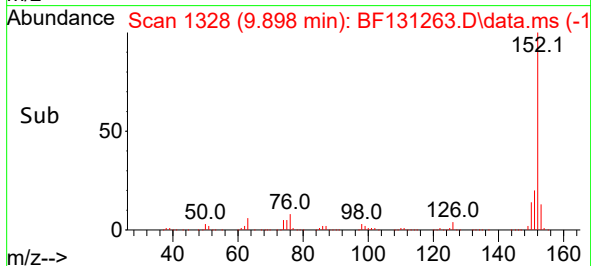
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

Supervised By :mohammad
ahmed
11/17/2022



#50

Dimethylphthalate

Concen: 40.132 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

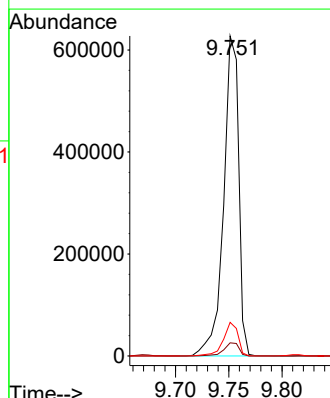
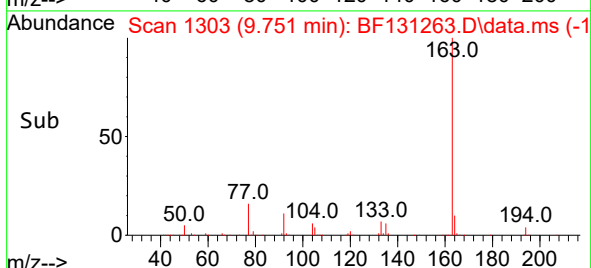
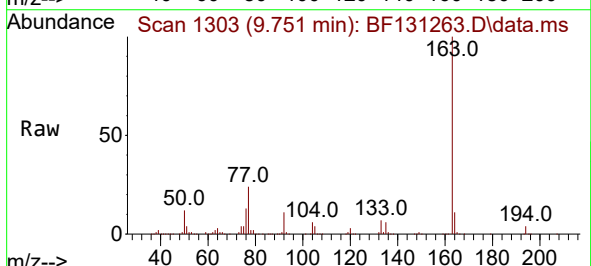
Tgt Ion:163 Resp: 615818

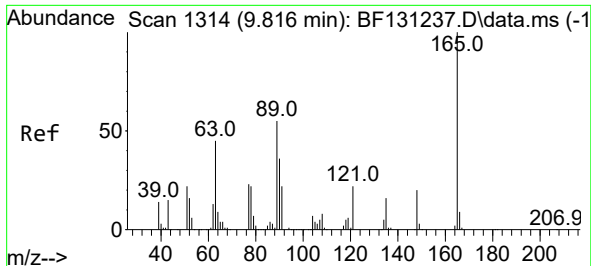
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

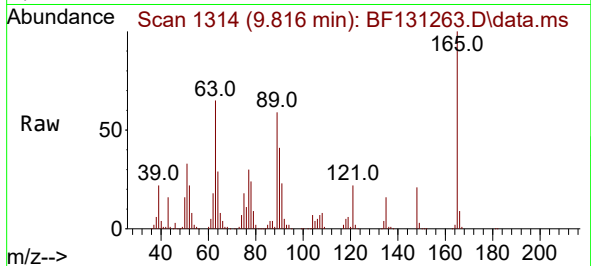
164 10.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.331 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

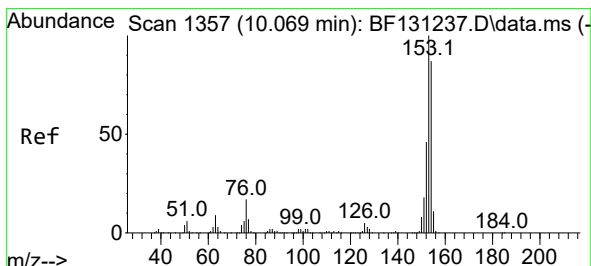
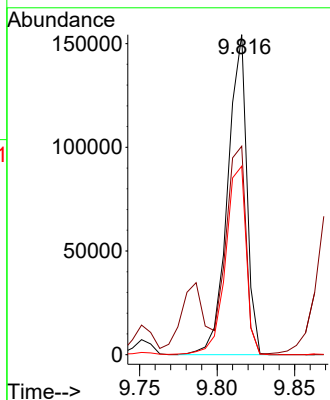
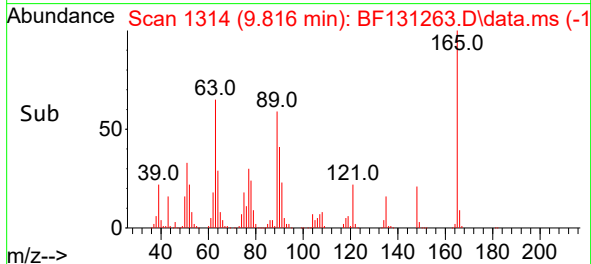


Tgt Ion:165 Resp: 13270
Ion Ratio Lower Upper
165 100
63 65.2 49.8 74.6
89 58.9 44.5 66.7

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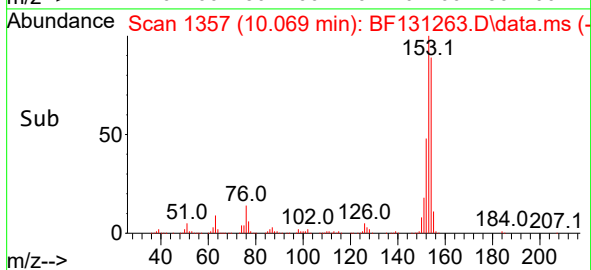
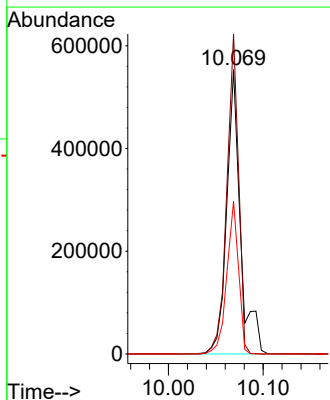
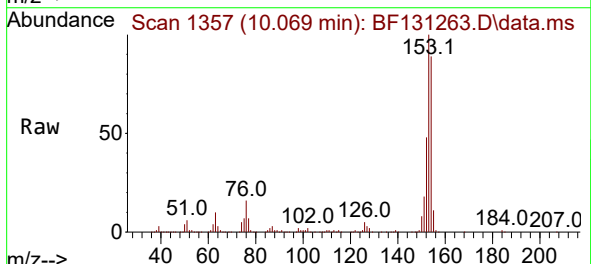
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

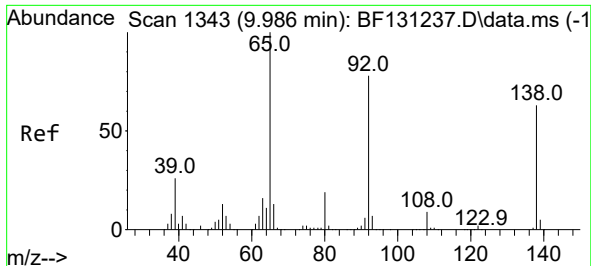
Supervised By :mohammad
ahmed
11/17/2022



#52
Acenaphthene
Concen: 43.934 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:154 Resp: 558835
Ion Ratio Lower Upper
154 100
153 112.5 91.4 137.2
152 53.7 42.4 63.6





#53
3-Nitroaniline
Concen: 30.316 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

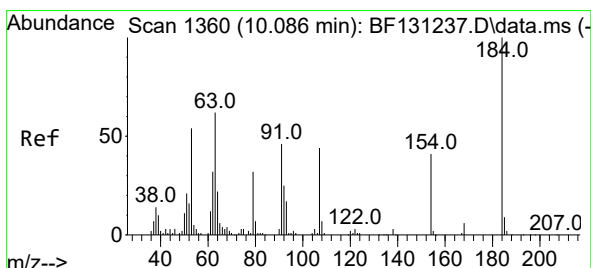
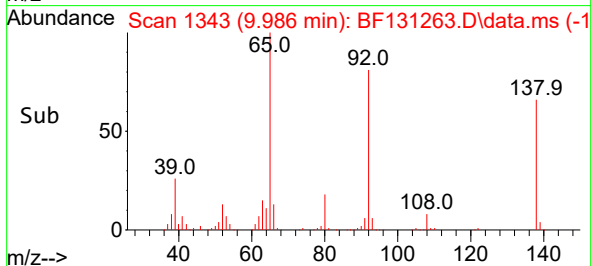
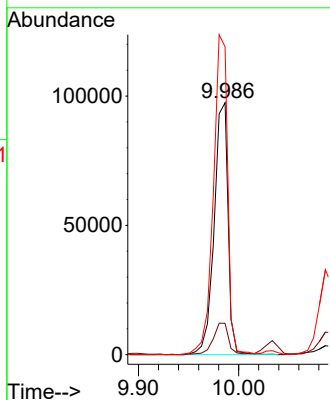
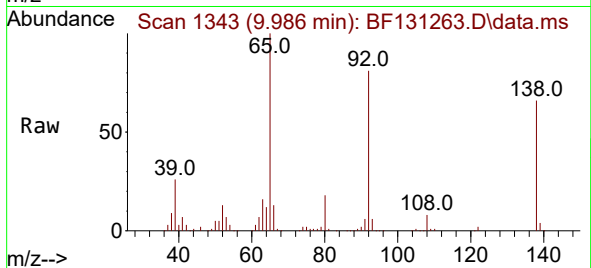
PB149098BS

Tgt Ion:138 Resp: 94014
Ion Ratio Lower Upper
138 100
108 12.5 11.4 17.2
92 122.2 98.6 148.0

Manual Integrations
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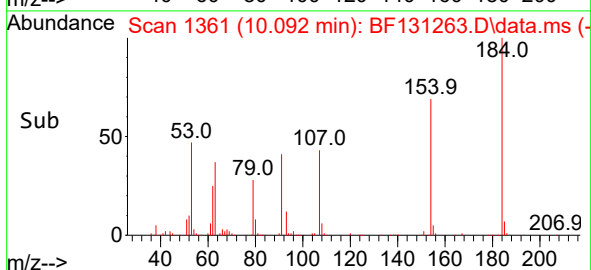
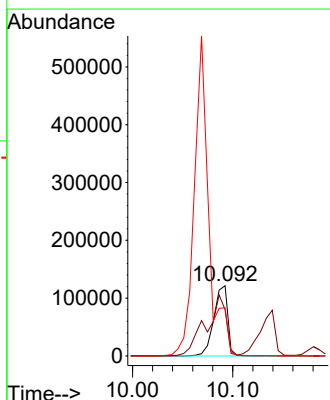
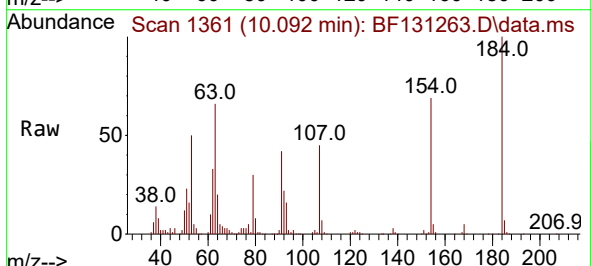
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

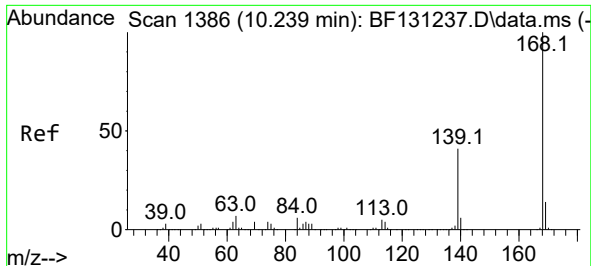
Supervised By :mohammad
ahmed
11/17/2022



#54
2,4-Dinitrophenol
Concen: 84.096 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

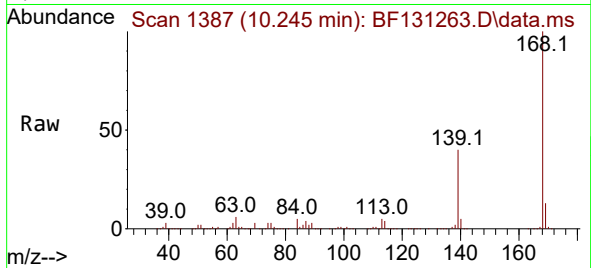
Tgt Ion:184 Resp: 116948
Ion Ratio Lower Upper
184 100
63 65.8 52.5 78.7
154 68.6 54.0 81.0





#55
Dibenzenofuran
Concen: 39.762 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

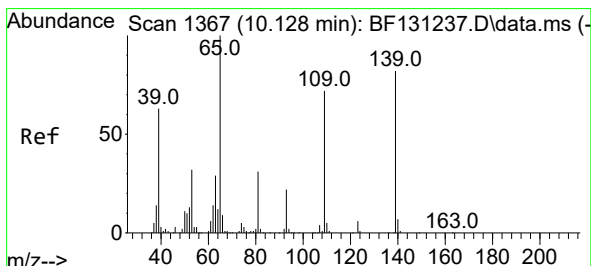
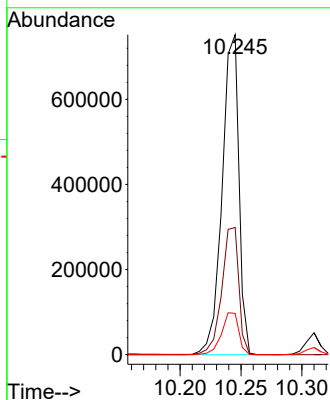
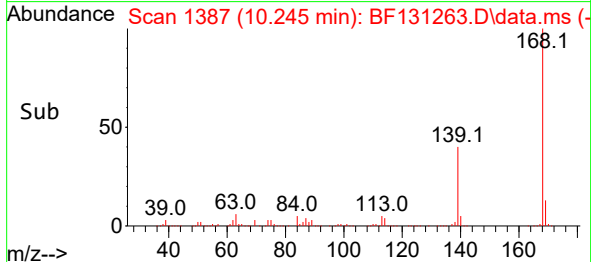


Tgt Ion:168 Resp: 724630
Ion Ratio Lower Upper
168 100
139 39.7 32.9 49.3
169 12.9 10.8 16.2

Manual Integrations
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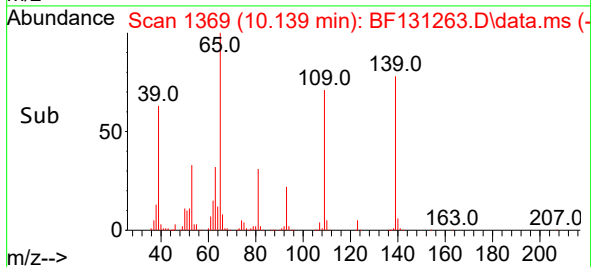
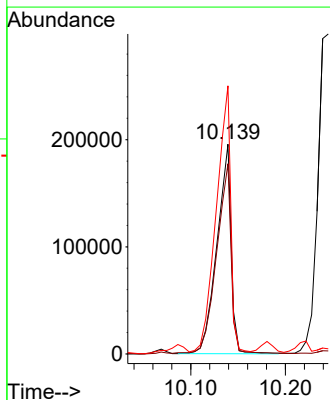
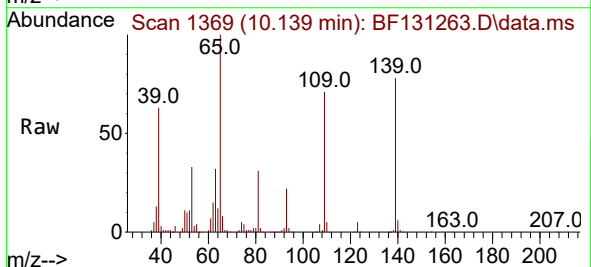
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

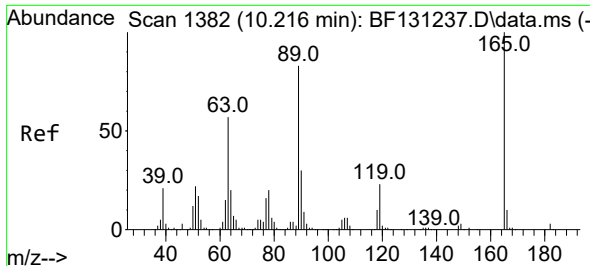
Supervised By :mohammad
ahmed
11/17/2022



#56
4-Nitrophenol
Concen: 85.225 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:139 Resp: 205765
Ion Ratio Lower Upper
139 100
109 90.7 68.1 108.1
65 127.8 101.6 141.6





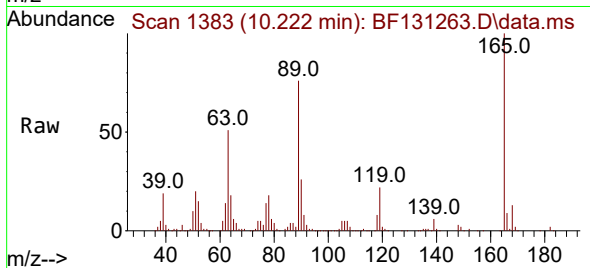
#57
2,4-Dinitrotoluene
Concen: 45.161 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

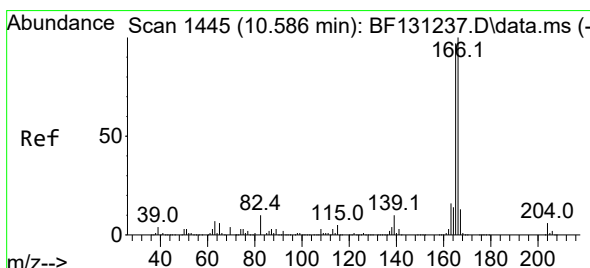
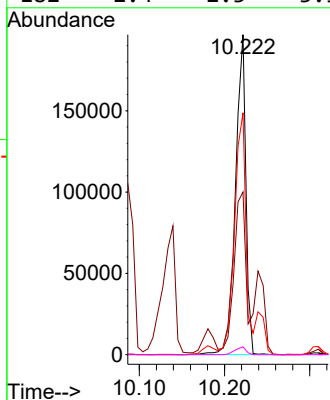


Tgt Ion:165 Resp: 167734
Ion Ratio Lower Upper
165 100
63 50.8 46.0 69.0
89 75.6 66.2 99.4
182 2.4 2.3 3.5

Manual Integrations
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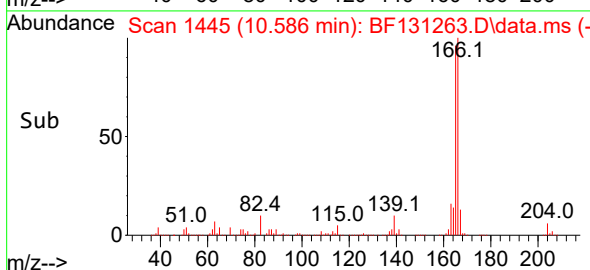
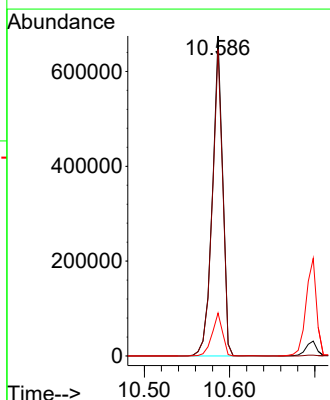
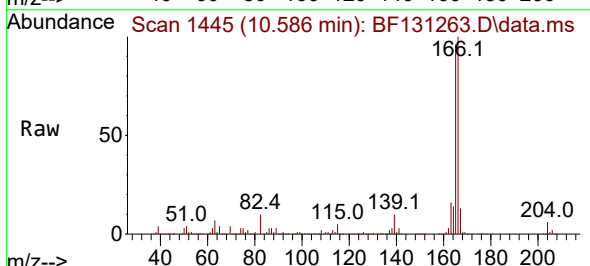
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

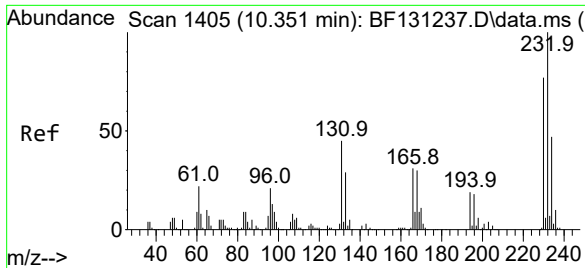
Supervised By :mohammad
ahmed
11/17/2022



#58
Fluorene
Concen: 39.476 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

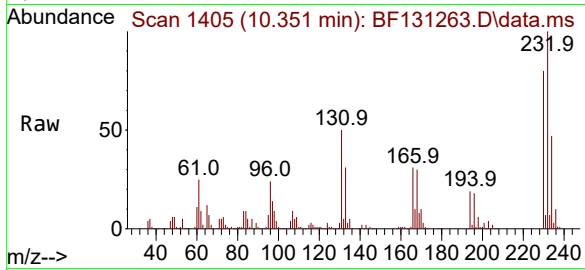
Tgt Ion:166 Resp: 566119
Ion Ratio Lower Upper
166 100
165 95.8 77.4 116.0
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.794 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

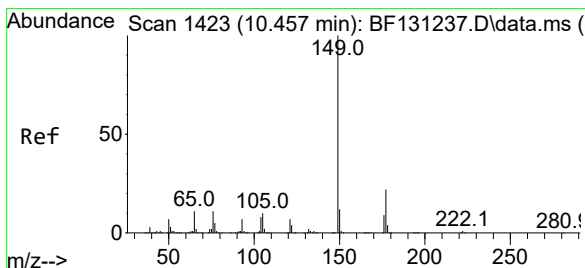
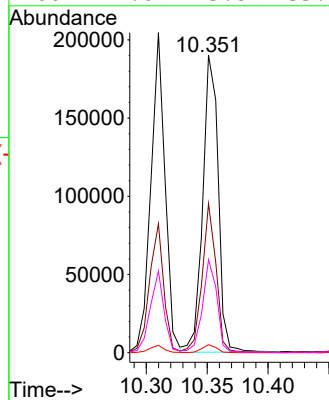


Tgt Ion:232 Resp: 167281
Ion Ratio Lower Upper
232 100
131 45.7 34.6 51.8
130 2.5 1.9 2.9
166 29.6 23.8 35.6

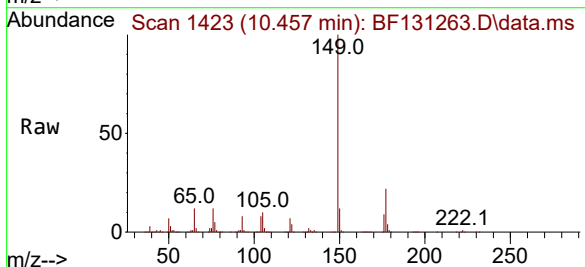
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

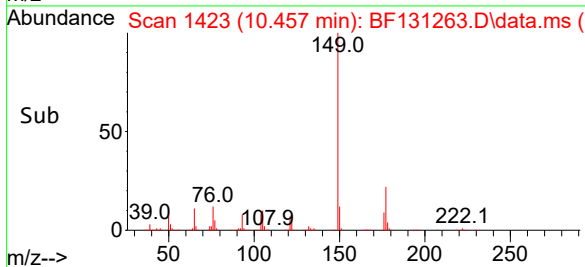
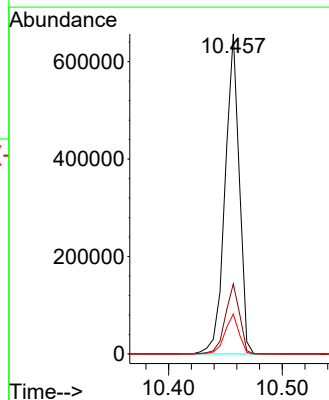
Supervised By :mohammad
ahmed
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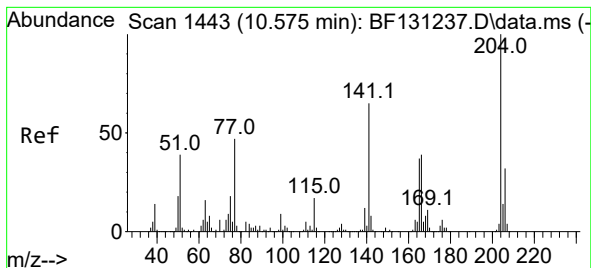


#60
Diethylphthalate
Concen: 39.315 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



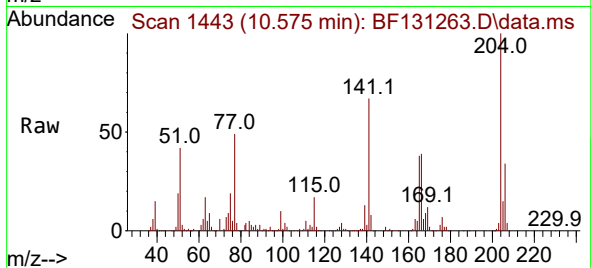
Tgt Ion:149 Resp: 570257
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.433 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

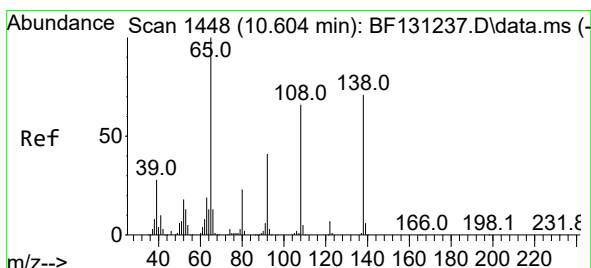
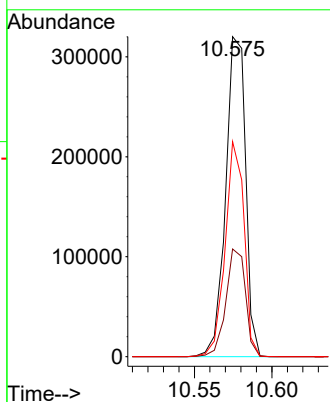
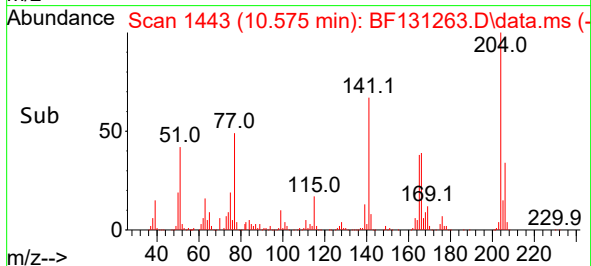


Tgt Ion:204 Resp: 286710
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.8
141 67.2 52.1 78.1

Manual Integrations
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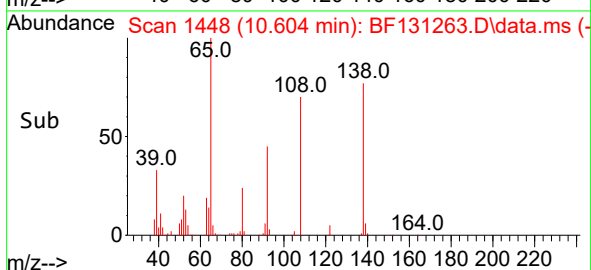
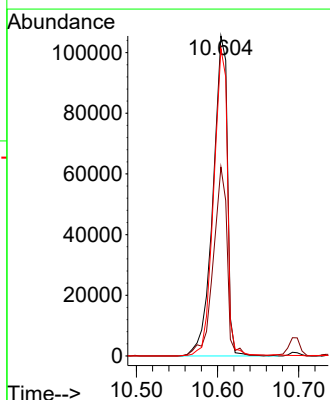
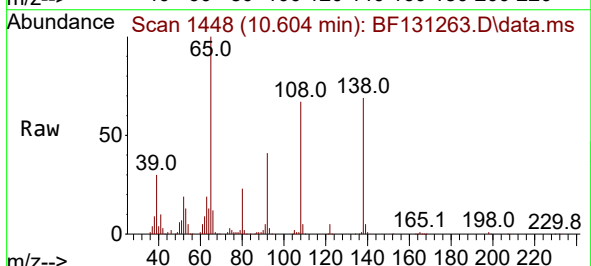
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

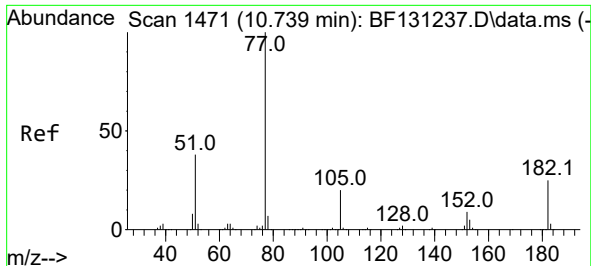
Supervised By :mohammad
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#62
4-Nitroaniline
Concen: 41.557 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:138 Resp: 130736
Ion Ratio Lower Upper
138 100
92 59.0 37.6 77.6
108 96.1 73.2 113.2





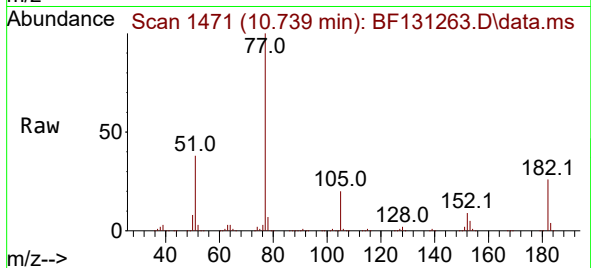
#63
Azobenzene
Concen: 39.417 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS



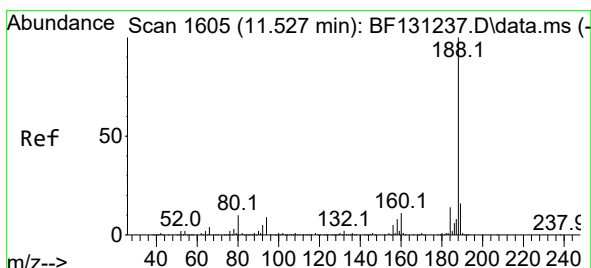
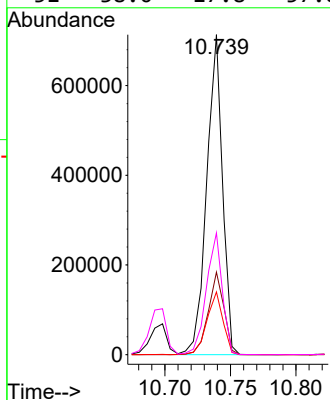
Tgt Ion: 77 Resp: 598608
Ion Ratio Lower Upper
77 100
182 25.8 5.0 45.0
105 19.6 0.1 40.1
51 38.0 17.8 57.8

Manual Integrations

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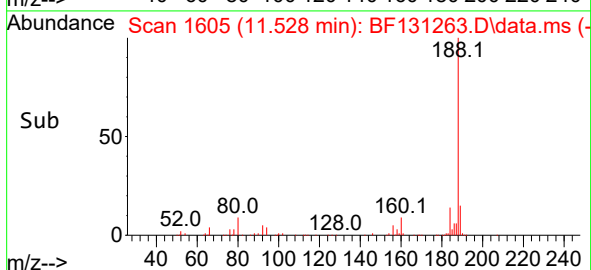
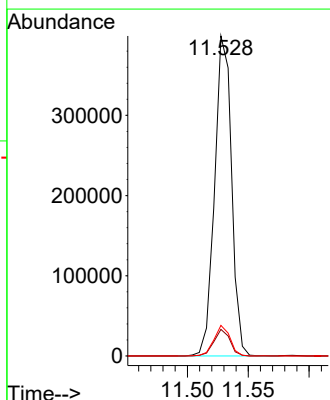
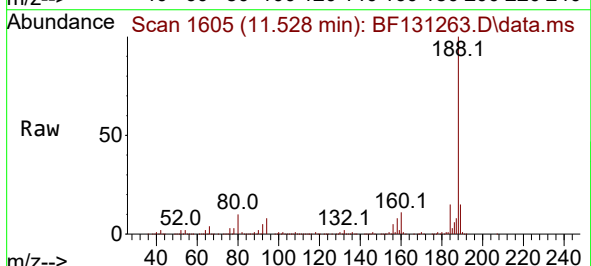
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

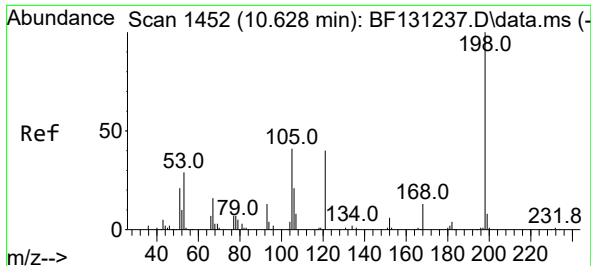
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:188 Resp: 386556
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.5 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 41.576 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

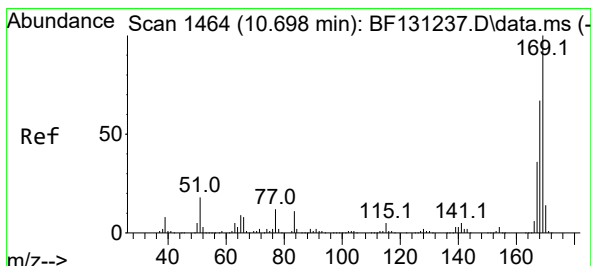
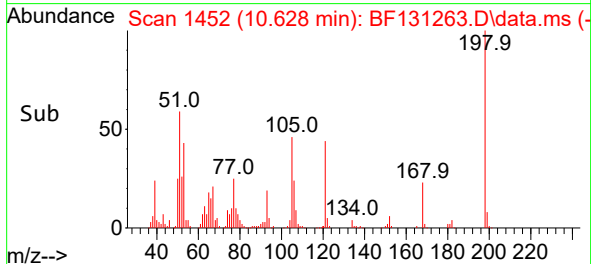
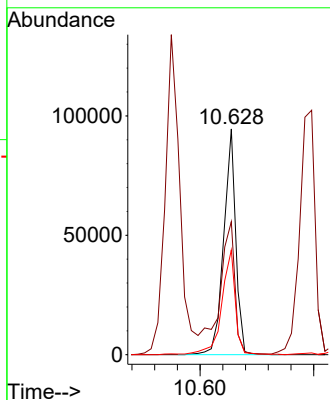
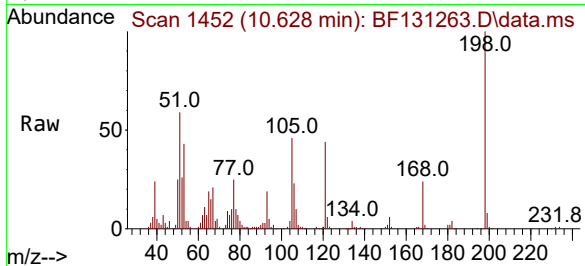
Instrument :
BNA_F
ClientSampleId :
PB149098BS

Tgt Ion:198 Resp: 70060
Ion Ratio Lower Upper
198 100
51 58.9 29.4 69.4
105 46.4 22.2 62.2

Manual Integrations
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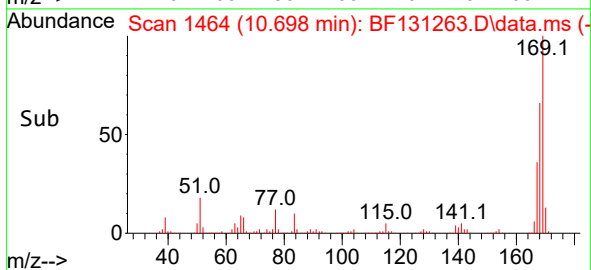
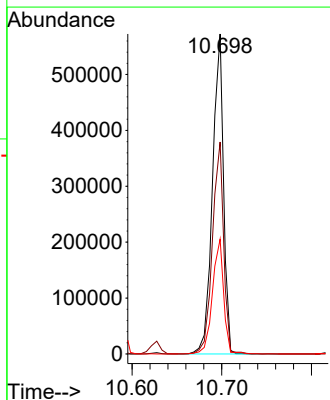
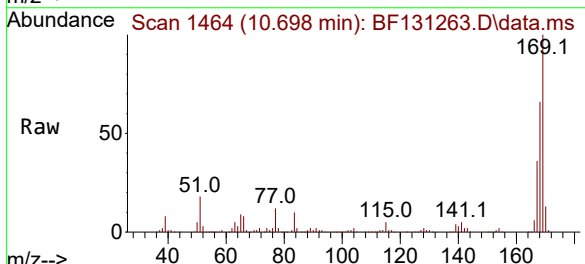
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

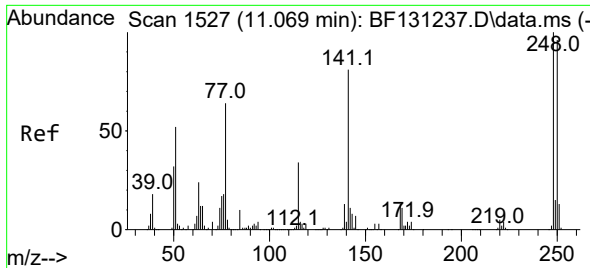
Supervised By :mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.734 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

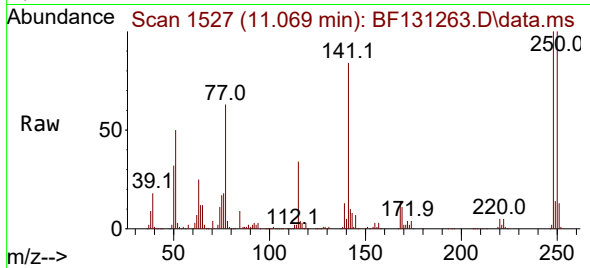
Tgt Ion:169 Resp: 487977
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 40.629 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

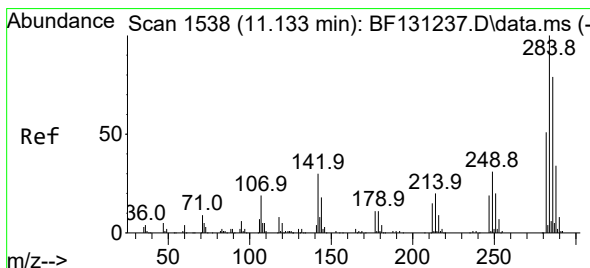
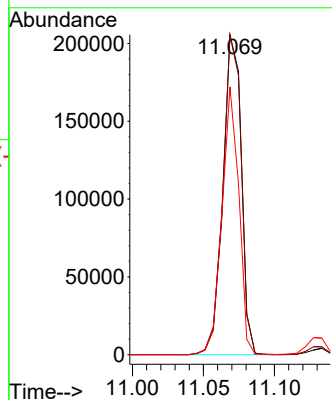


Tgt Ion:248 Resp: 18440
Ion Ratio Lower Upper
248 100
250 99.8 76.6 114.8
141 83.7 64.7 97.1

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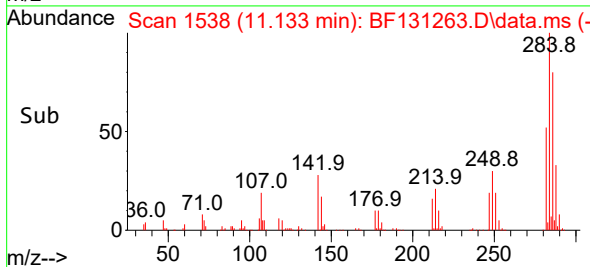
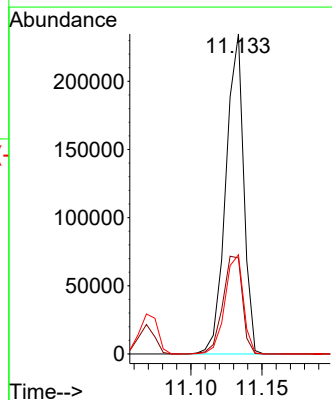
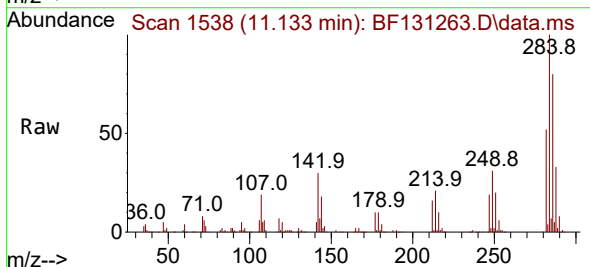
Reviewed By :Christian Giraldo 11/17/2022
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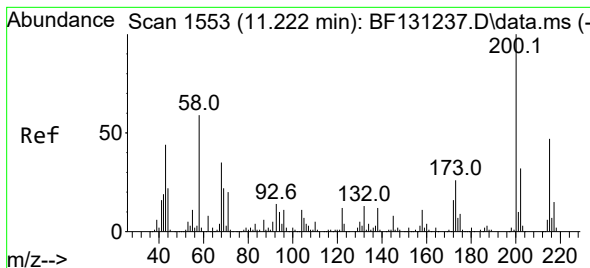
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#68
Hexachlorobenzene
Concen: 41.674 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:284 Resp: 204984
Ion Ratio Lower Upper
284 100
142 30.0 24.3 36.5
249 31.0 24.8 37.2





#69

Atrazine

Concen: 44.189 ng

RT: 11.228 min Scan# 1553

Delta R.T. 0.006 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

Tgt Ion:200 Resp: 177880

Ion Ratio Lower Upper

200 100

173 24.5 6.4 46.4

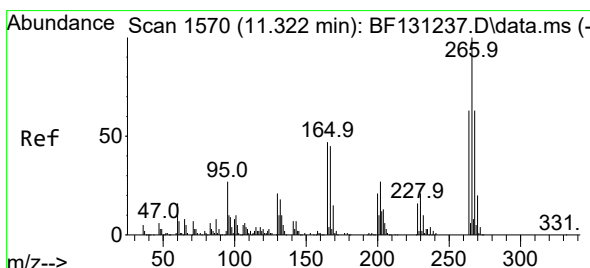
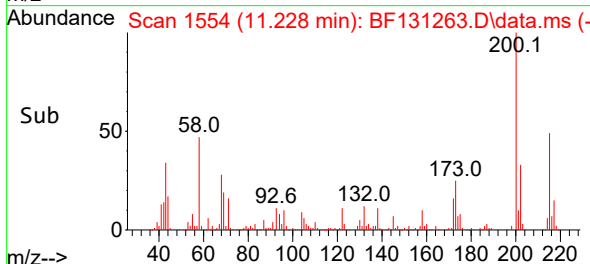
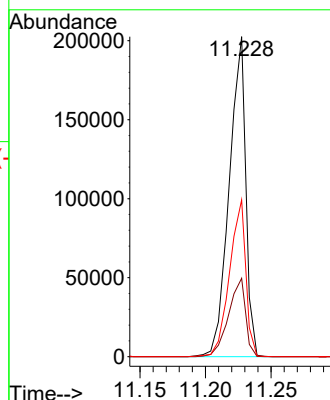
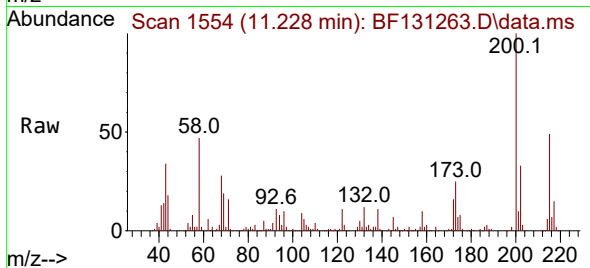
215 49.0 26.5 66.5

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ahmed
11/17/2022



#70

Pentachlorophenol

Concen: 84.056 ng

RT: 11.328 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

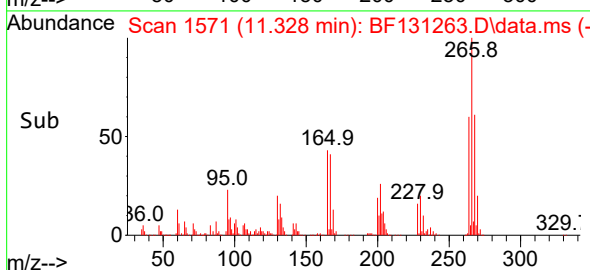
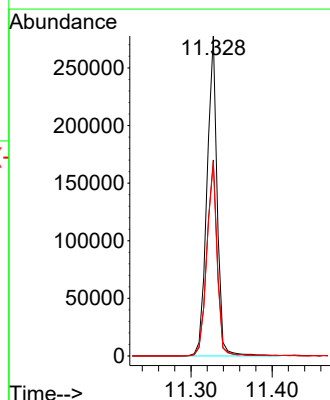
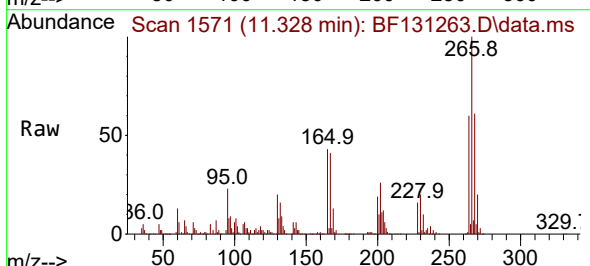
Tgt Ion:266 Resp: 241320

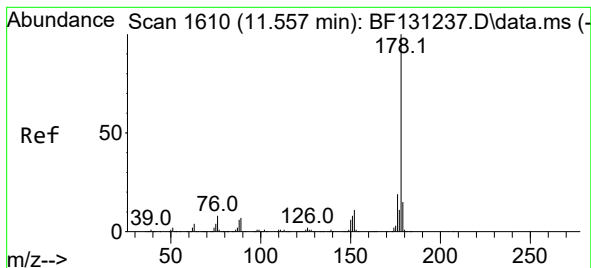
Ion Ratio Lower Upper

266 100

268 61.2 50.5 75.7

264 60.4 50.4 75.6





#71

Phenanthrene

Concen: 39.221 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

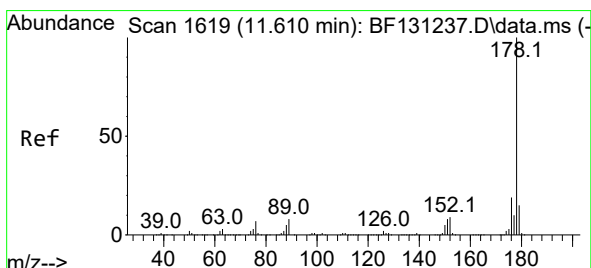
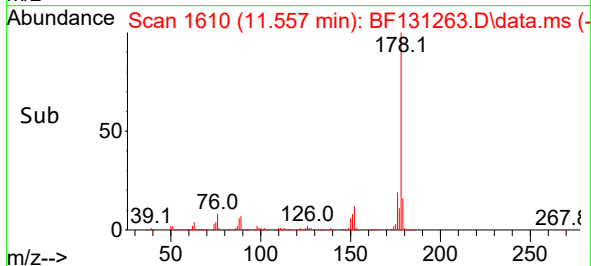
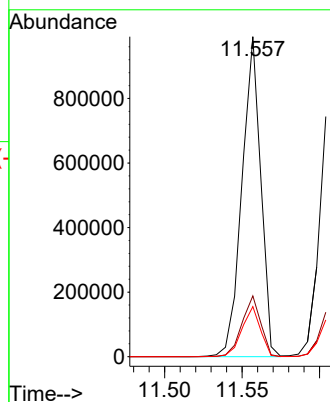
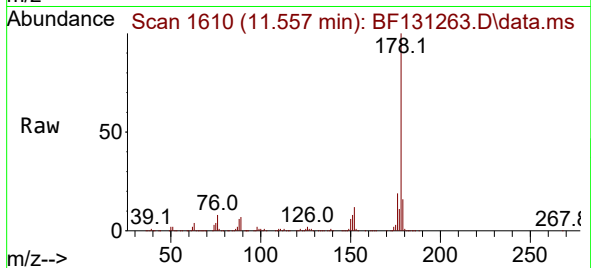
Tgt Ion:178 Resp: 836710
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.7 12.1 18.1

Manual Integrations

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 ahmed
 11/17/2022



#72

Anthracene

Concen: 40.663 ng

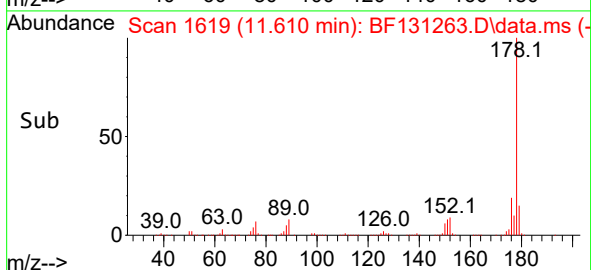
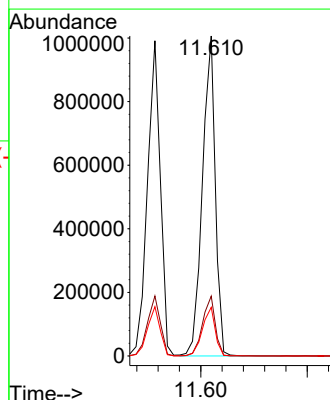
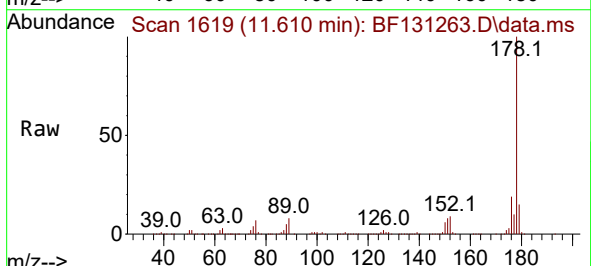
RT: 11.610 min Scan# 1619

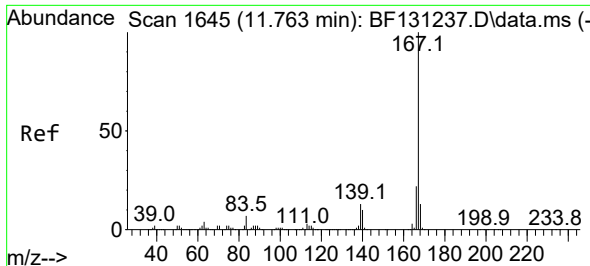
Delta R.T. 0.000 min

Lab File: BF131263.D

Acq: 16 Nov 2022 14:02

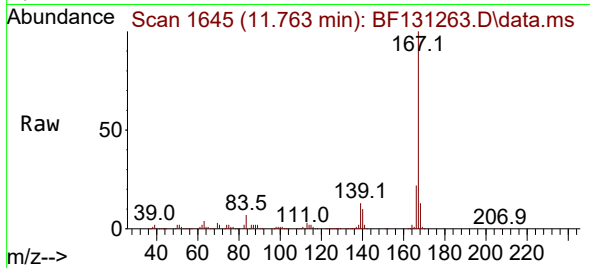
Tgt Ion:178 Resp: 847410
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 40.546 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF131263.D
 Acq: 16 Nov 2022 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB149098BS

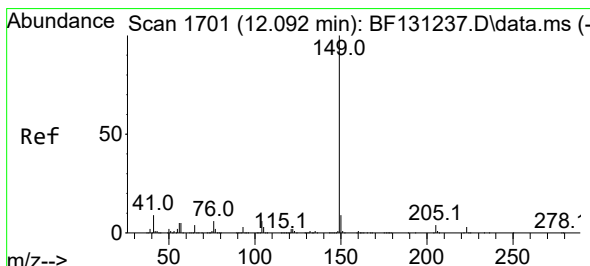
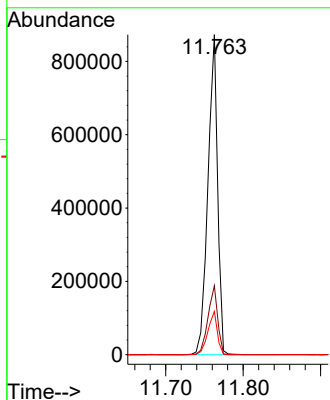
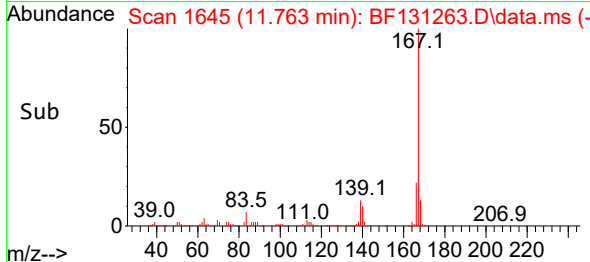


Tgt Ion:167 Resp: 756352
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.5 10.3 15.5

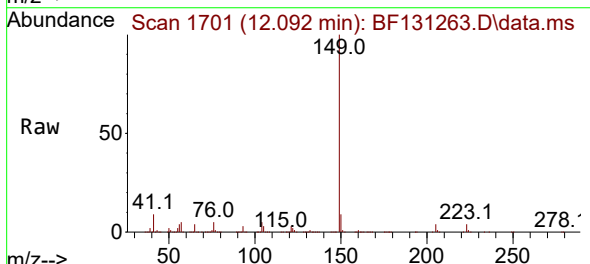
Manual Integrations
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 Supervised By :mohammad ahmed 11/17/2022

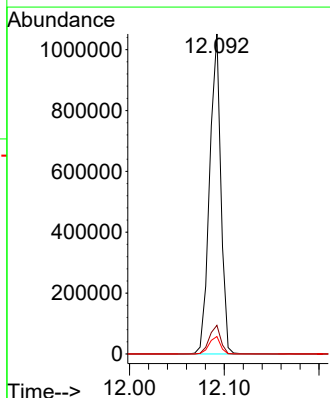
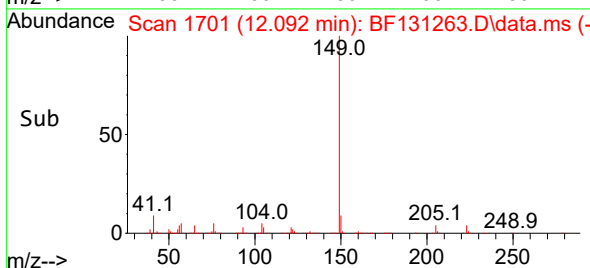
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 ahmed
 11/17/2022

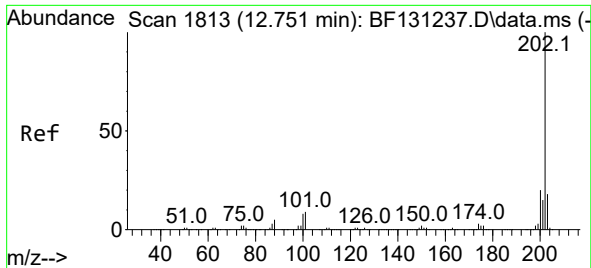


#74
 Di-n-butylphthalate
 Concen: 39.529 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: BF131263.D
 Acq: 16 Nov 2022 14:02



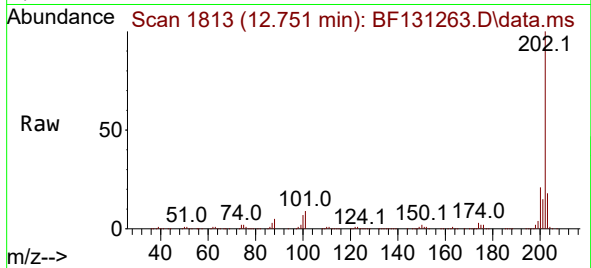
Tgt Ion:149 Resp: 858185
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.5 4.5 6.7





#75
Fluoranthene
Concen: 39.581 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

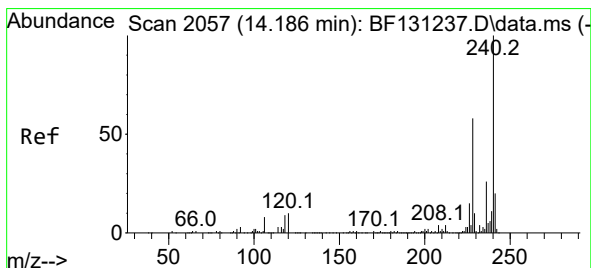
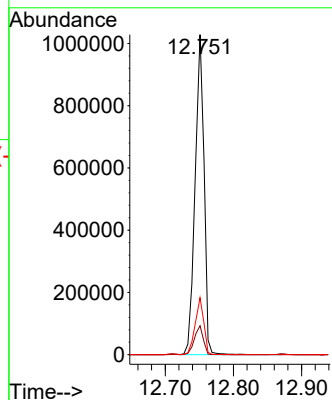


Tgt Ion:202 Resp: 931260
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.4
203 17.8 0.0 37.7

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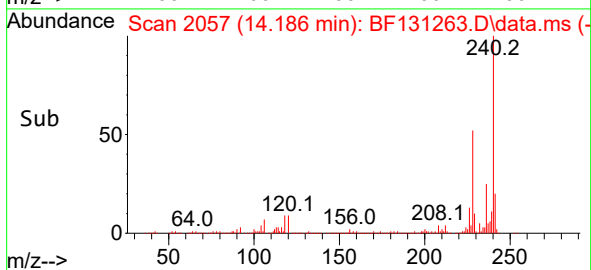
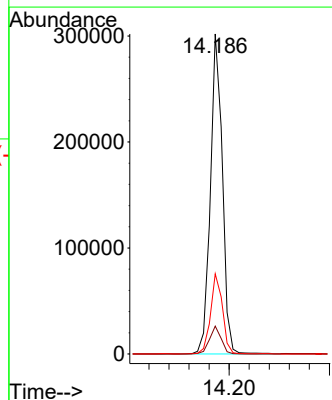
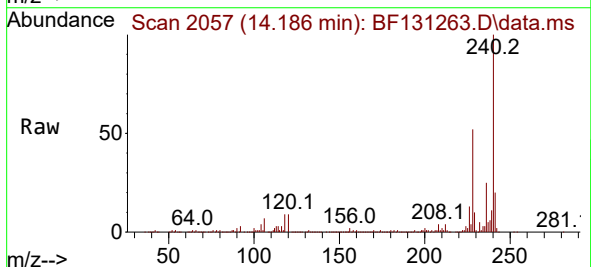
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

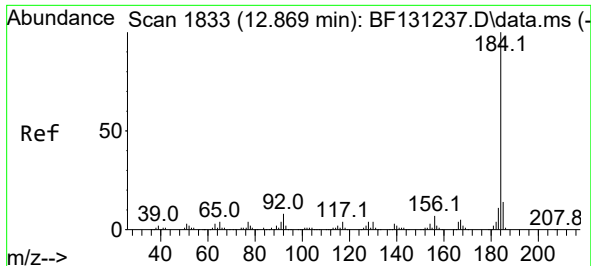
Supervised By :mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

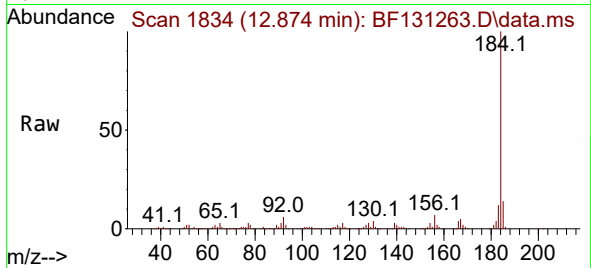
Tgt Ion:240 Resp: 250163
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.1 20.6 31.0





#77
Benzidine
Concen: 65.665 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.005 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

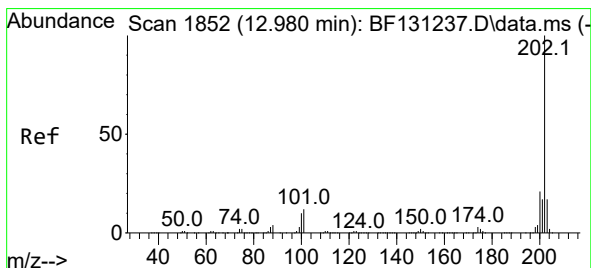
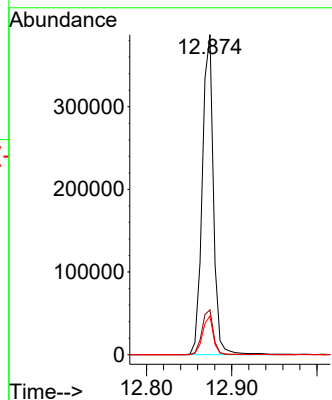


Tgt Ion:184 Resp: 352025
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 12.1 9.0 13.4

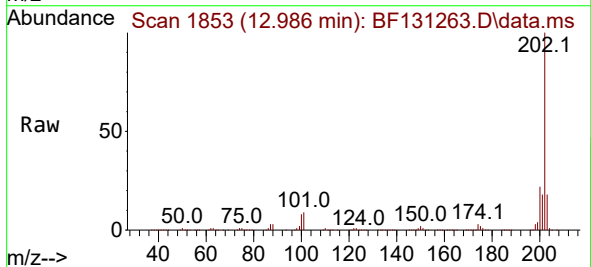
Manual Integrations
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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

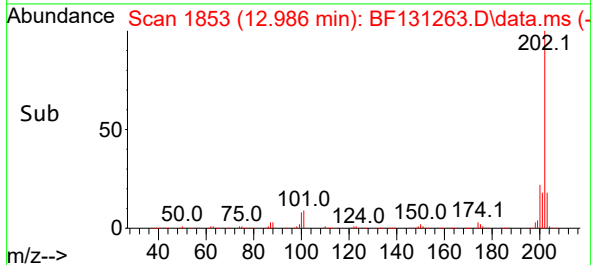
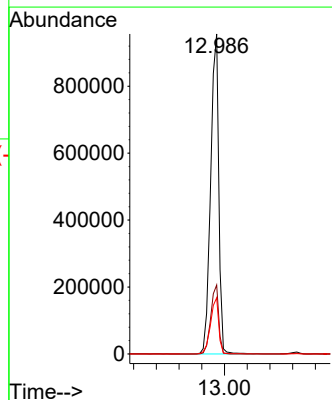
Supervised By :mohammad
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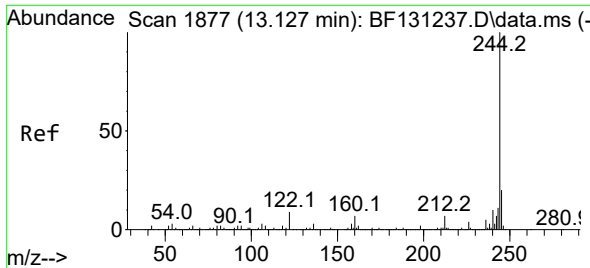


#78
Pyrene
Concen: 43.599 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



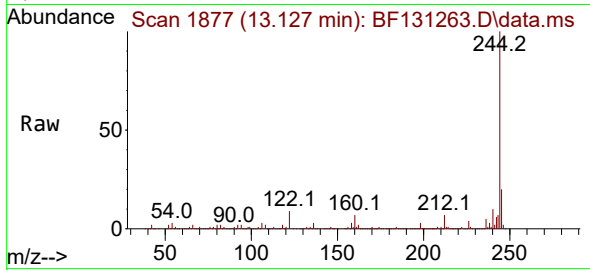
Tgt Ion:202 Resp: 940191
Ion Ratio Lower Upper
202 100
200 21.5 16.4 24.6
203 17.5 14.0 21.0





#79
Terphenyl-d14
Concen: 93.614 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

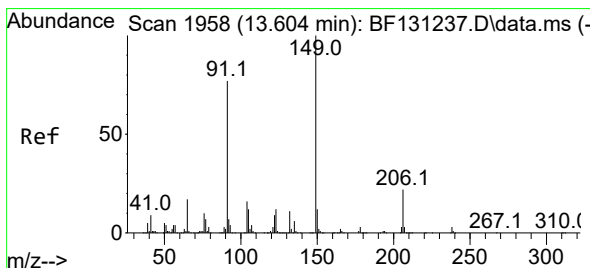
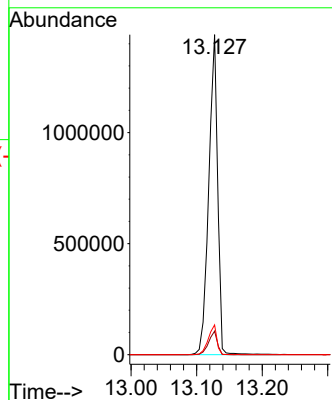


Tgt Ion:244 Resp: 1363718
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.3 7.4 11.2

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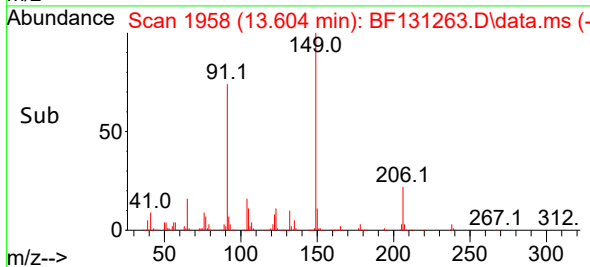
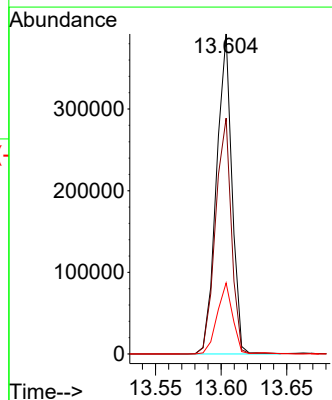
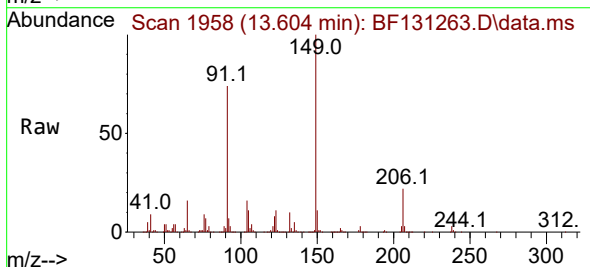
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

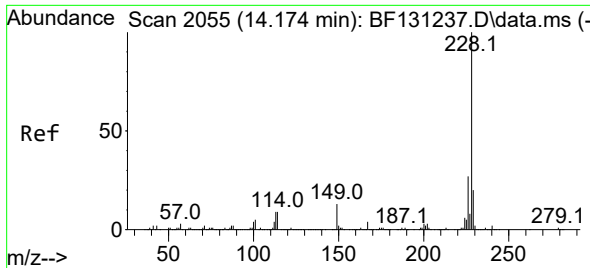
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#80
Butylbenzylphthalate
Concen: 43.976 ng
RT: 13.604 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:149 Resp: 321389
Ion Ratio Lower Upper
149 100
91 73.7 61.5 92.3
206 22.2 17.4 26.2





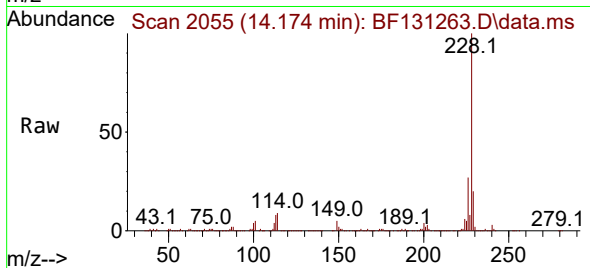
#81
Benzo(a)anthracene
Concen: 40.131 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS

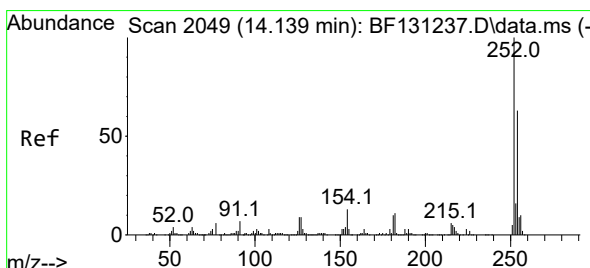
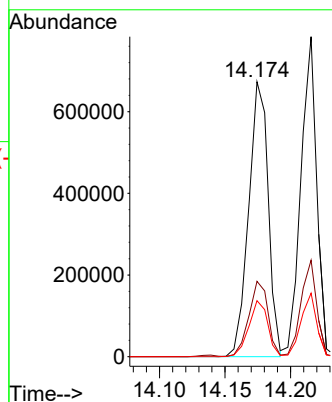


Tgt Ion:228 Resp: 69770
Ion Ratio Lower Upper
228 100
226 27.4 21.3 31.9
229 20.4 15.8 23.6

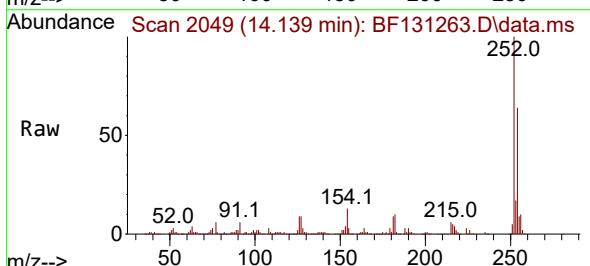
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Supervised By :mohammad ahmed 11/17/2022

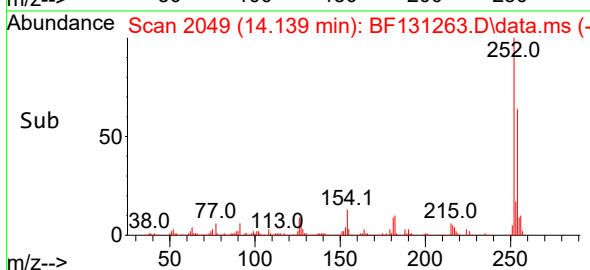
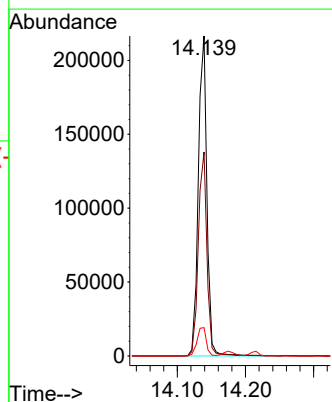
Supervised By :mohammad
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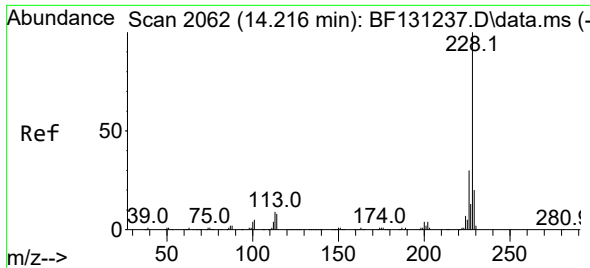


#82
3,3'-Dichlorobenzidine
Concen: 37.211 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



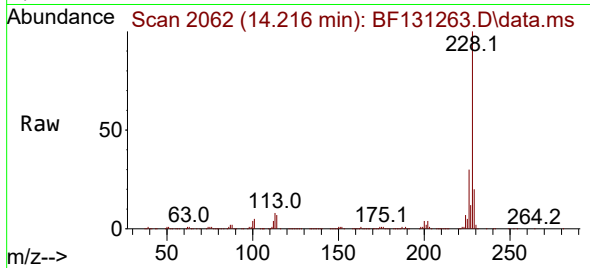
Tgt Ion:252 Resp: 189300
Ion Ratio Lower Upper
252 100
254 63.7 50.2 75.4
126 8.9 7.4 11.2





#83
Chrysene
Concen: 39.055 ng
RT: 14.216 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

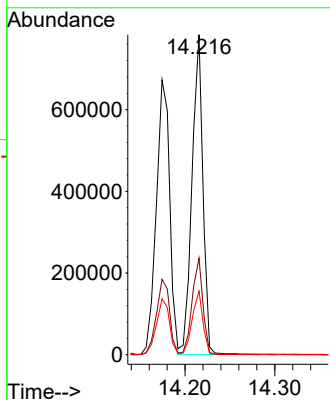
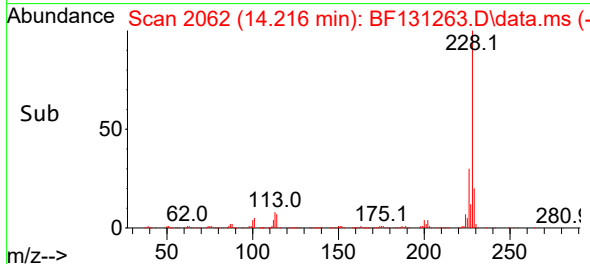
Instrument :
BNA_F
ClientSampleId :
PB149098BS



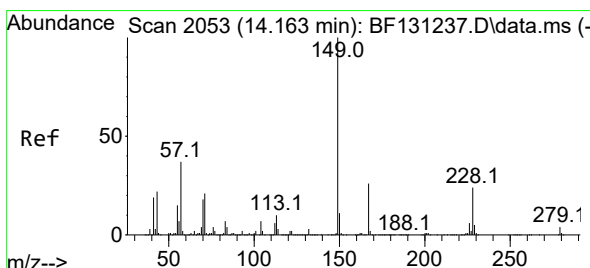
Tgt Ion:228 Resp: 661469
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 19.8 15.9 23.9

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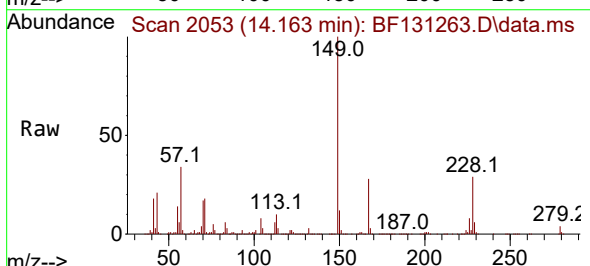
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



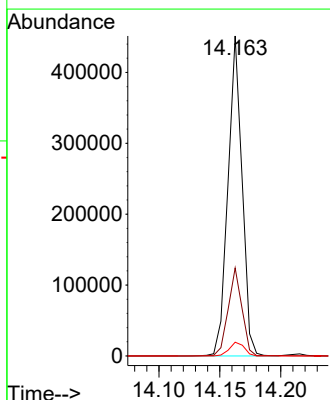
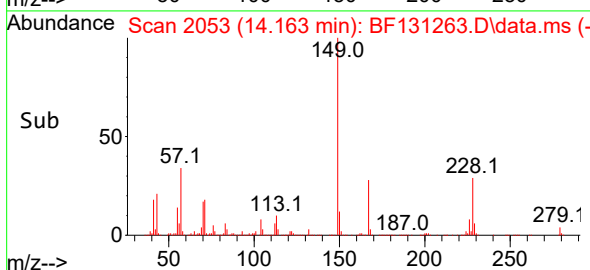
Supervised By :mohammad
ahmed
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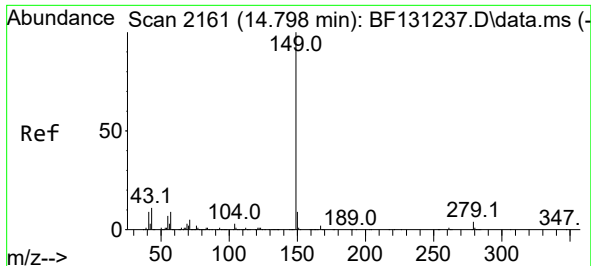


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.457 ng
RT: 14.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



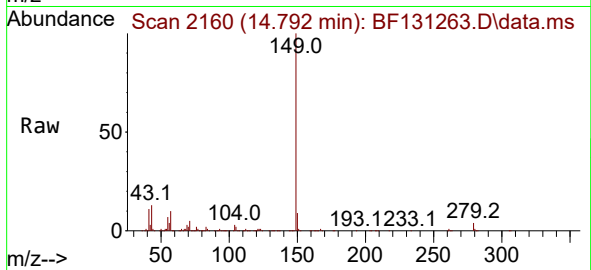
Tgt Ion:149 Resp: 362666
Ion Ratio Lower Upper
149 100
167 27.5 20.9 31.3
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 36.933 ng
RT: 14.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

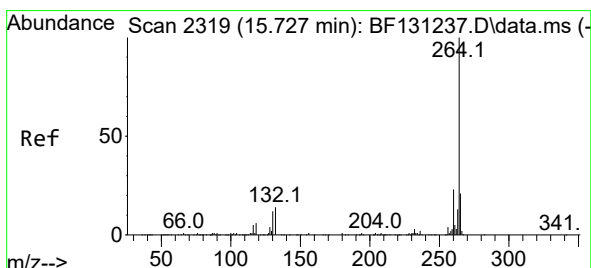
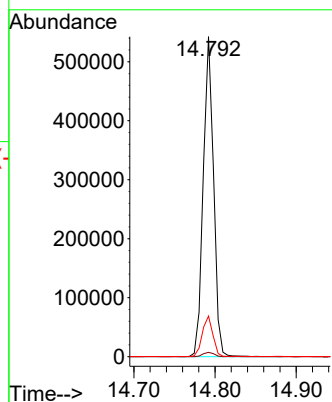
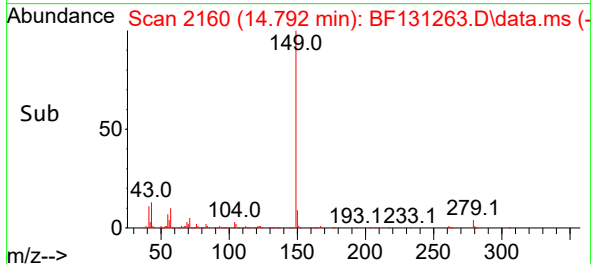


Tgt Ion:149 Resp: 479712
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.1 10.1 15.1

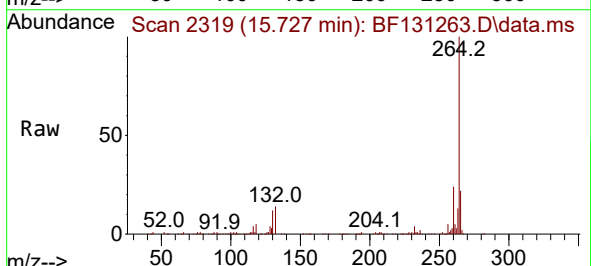
Manual Integrations
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Supervised By :mohammad ahmed 11/17/2022

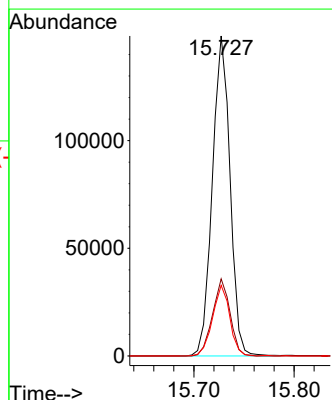
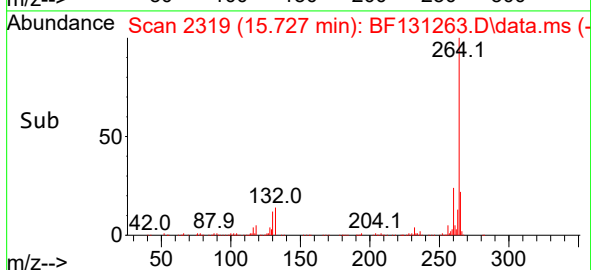
Supervised By :mohammad
ahmed
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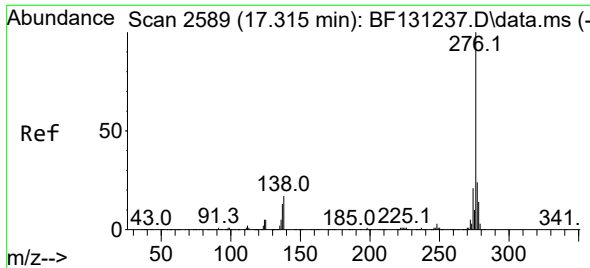


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



Tgt Ion:264 Resp: 182152
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 22.0 16.6 24.8





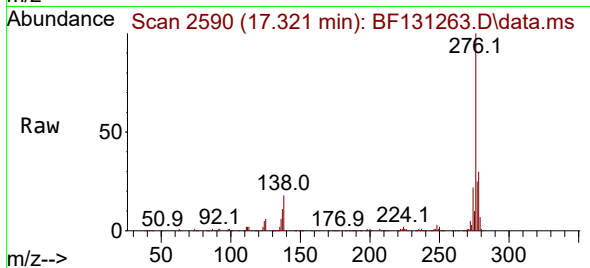
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.770 ng
RT: 17.321 min Scan# 2589
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS



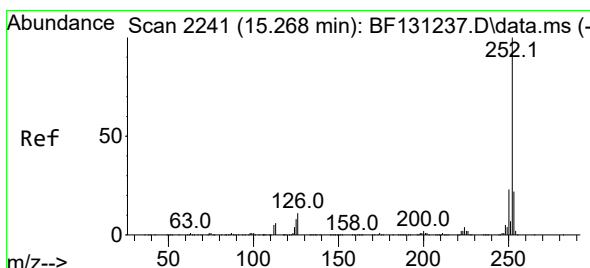
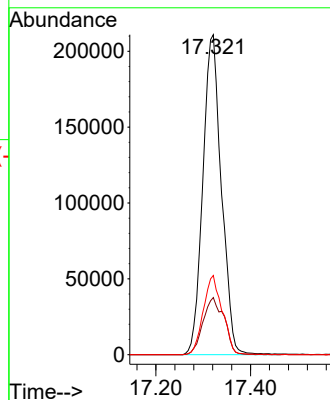
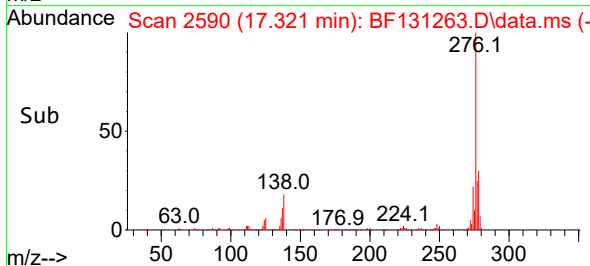
Tgt Ion:276 Resp: 574835
Ion Ratio Lower Upper
276 100
138 20.2 16.6 24.8
277 25.4 20.2 30.2

Manual Integrations

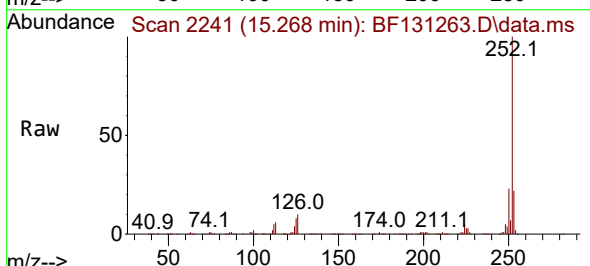
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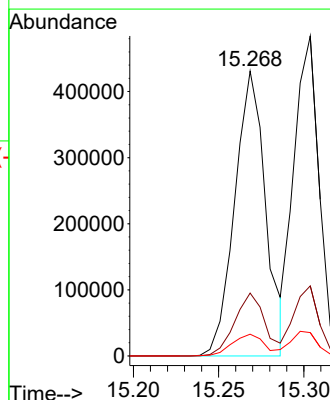
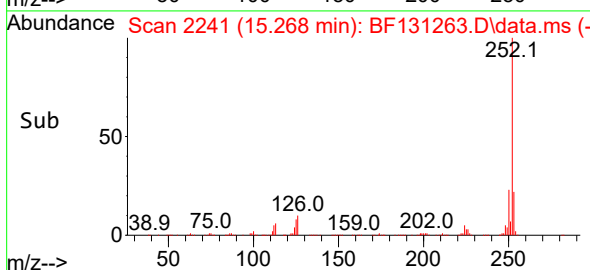
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11/17/2022

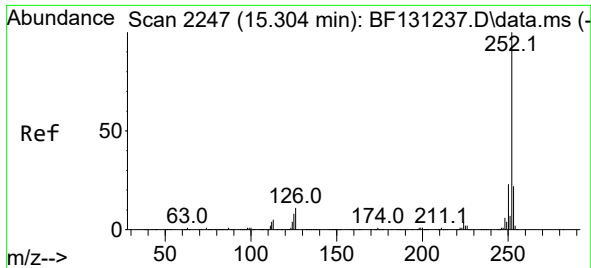


#88
Benzo(b)fluoranthene
Concen: 42.793 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



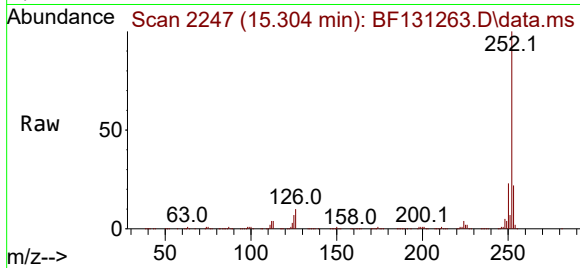
Tgt Ion:252 Resp: 544231
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.6 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 39.614 ng
RT: 15.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB149098BS

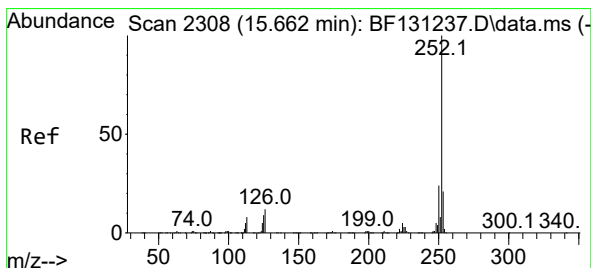
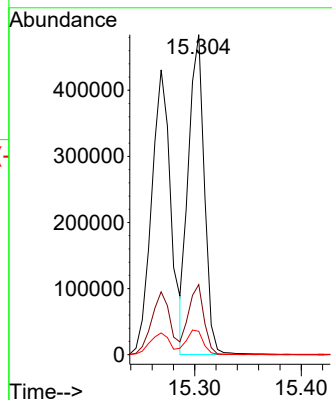
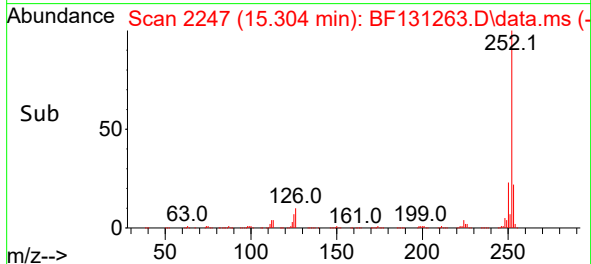


Tgt Ion:252 Resp: 49943
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.3 6.6 9.8

Manual Integrations
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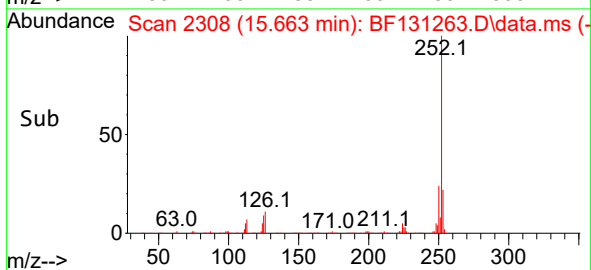
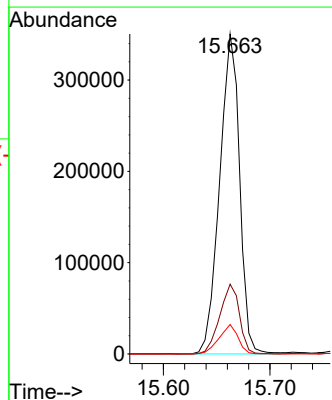
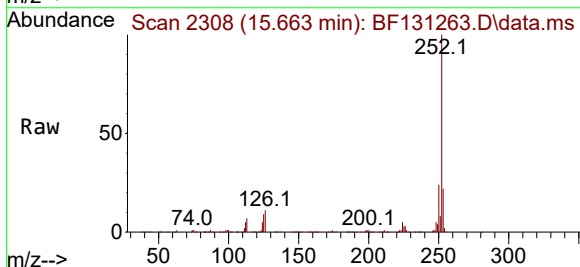
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

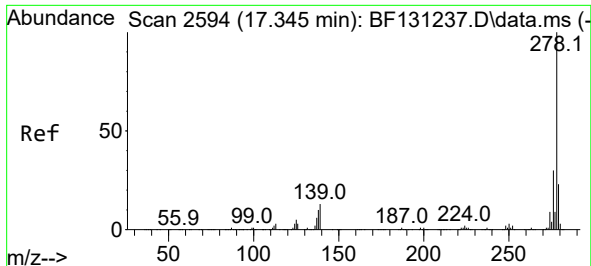
Supervised By :mohammad
ahmed
11/17/2022



#90
Benzo(a)pyrene
Concen: 44.760 ng
RT: 15.663 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Tgt Ion:252 Resp: 455037
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 9.2 7.0 10.4





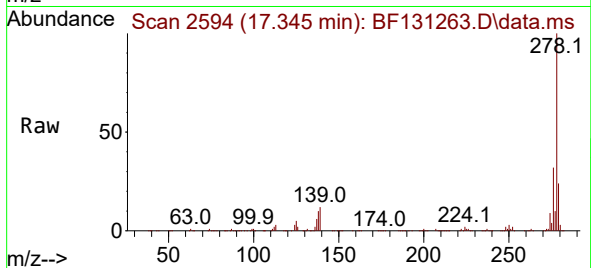
#91
Dibenzo(a,h)anthracene
Concen: 48.660 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.000 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB149098BS



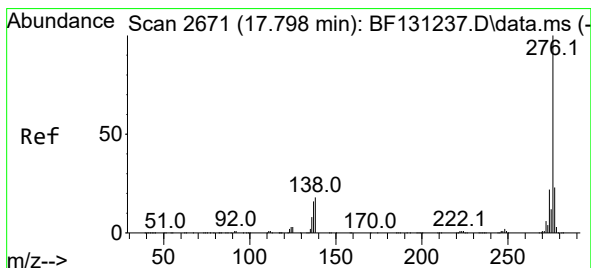
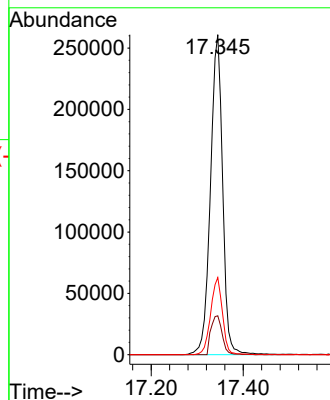
Tgt Ion:278 Resp: 480409
Ion Ratio Lower Upper
278 100
139 12.2 10.1 15.1
279 24.1 18.2 27.4

Manual Integrations

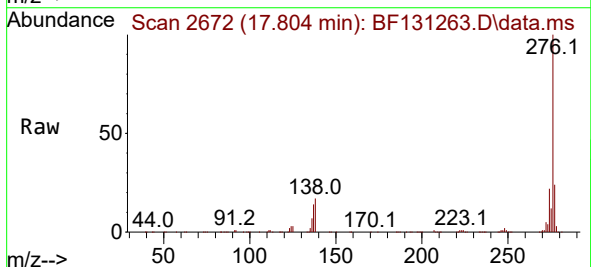
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Supervised By :mohammad ahmed 11/17/2022

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ahmed
11/17/2022



#92
Benzo(g,h,i)perylene
Concen: 45.036 ng
RT: 17.804 min Scan# 2672
Delta R.T. 0.006 min
Lab File: BF131263.D
Acq: 16 Nov 2022 14:02



Tgt Ion:276 Resp: 494753
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 16.8 14.5 21.7

