

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130712.D
 Acq On : 19 Oct 2022 15:52
 Operator : CG\JU
 Sample : PB148429BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148429BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022

Quant Time: Oct 19 17:01:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	83663	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	331700	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	185787	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	327378	20.000	ng	0.00
76) Chrysene-d12	13.715	240	206495	20.000	ng	0.00
86) Perylene-d12	15.086	264	155559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	653428	140.783	ng	0.02
7) Phenol-d6	6.234	99	802275	137.482	ng	0.00
23) Nitrobenzene-d5	7.145	82	506820	83.412	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	275366	151.474	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	1024904	83.562	ng	0.00
79) Terphenyl-d14	12.668	244	1171342	94.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.210	88	115162	41.012	ng	99
3) Pyridine	2.881	79	227154	45.224	ng	99
4) n-Nitrosodimethylamine	2.840	42	119936	50.679	ng	99
6) Aniline	6.239	93	276704	39.606	ng	90
8) 2-Chlorophenol	6.363	128	260680	47.759	ng	95
9) Benzaldehyde	6.122	77	140847	38.417	ng	97
10) Phenol	6.245	94	308423	45.678	ng	88
11) bis(2-Chloroethyl)ether	6.316	93	226622	46.206	ng	97
12) 1,3-Dichlorobenzene	6.510	146	270401	45.245	ng	98
13) 1,4-Dichlorobenzene	6.586	146	273262	45.071	ng	98
14) 1,2-Dichlorobenzene	6.739	146	259778	46.007	ng	97
15) Benzyl Alcohol	6.734	79	203793	48.642	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.857	45	271616	43.045	ng	# 36
17) 2-Methylphenol	6.851	107	207734	47.845	ng	94
18) Hexachloroethane	7.075	117	101474	44.241	ng	98
19) n-Nitroso-di-n-propyla...	6.998	70	169769	45.092	ng	99
20) 3+4-Methylphenols	7.010	107	267701	46.012	ng	# 80
22) Acetophenone	6.992	105	361826	45.472	ng	95
24) Nitrobenzene	7.163	77	263206	43.074	ng	100
25) Isophorone	7.410	82	474092	46.881	ng	99
26) 2-Nitrophenol	7.481	139	142999	47.720	ng	97
27) 2,4-Dimethylphenol	7.528	122	219994	52.674	ng	98
28) bis(2-Chloroethoxy)met...	7.616	93	287128	49.035	ng	99
29) 2,4-Dichlorophenol	7.728	162	219584	46.992	ng	98
30) 1,2,4-Trichlorobenzene	7.798	180	222089	44.086	ng	98
31) Naphthalene	7.875	128	752656	43.835	ng	100
32) Benzoic acid	7.710	122	121305	45.910	ng	96
33) 4-Chloroaniline	7.939	127	259558	39.024	ng	97
34) Hexachlorobutadiene	7.986	225	138717	44.366	ng	98
35) Caprolactam	8.333	113	72773m	51.762	ng	
36) 4-Chloro-3-methylphenol	8.439	107	238105	46.976	ng	97
37) 2-Methylnaphthalene	8.569	142	489970	45.345	ng	99
38) 1-Methylnaphthalene	8.663	142	469049	44.716	ng	98
40) 1,2,4,5-Tetrachloroben...	8.733	216	230546	45.738	ng	99
41) Hexachlorocyclopentadiene	8.716	237	118117	63.637	ng	99
43) 2,4,6-Trichlorophenol	8.857	196	148770	43.957	ng	98

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 ahmed

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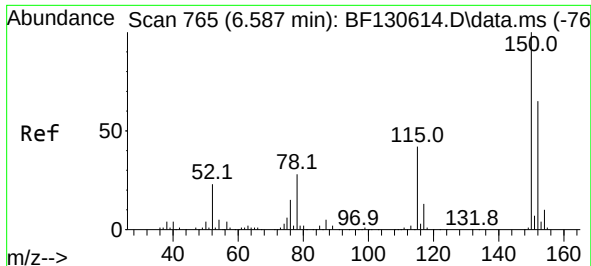
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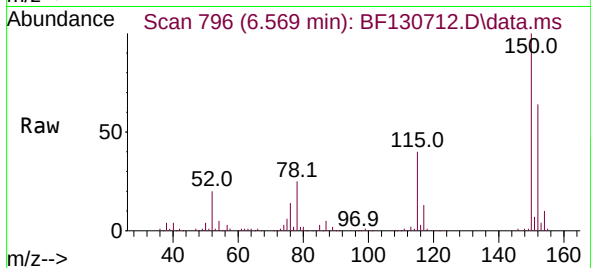
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	8.904	196	158748	42.651	ng	98	10/20/2022
46) 1,1'-Biphenyl	9.033	154	608463	45.191	ng	100	
47) 2-Chloronaphthalene	9.057	162	479341	43.560	ng	99	
48) 2-Nitroaniline	9.169	65	148102	44.709	ng	98	
49) Acenaphthylene	9.469	152	726983	44.091	ng	99	
50) Dimethylphthalate	9.345	163	578978	45.019	ng	98	
51) 2,6-Dinitrotoluene	9.410	165	130926	46.410	ng	97	
52) Acenaphthene	9.639	154	442051	44.251	ng	99	
53) 3-Nitroaniline	9.580	138	112223	36.290	ng	98	
54) 2,4-Dinitrophenol	9.698	184	124585	86.251	ng	93	
55) Dibenzofuran	9.810	168	679041	44.621	ng	99	
56) 4-Nitrophenol	9.775	139	126577	74.236	ng	95	
57) 2,4-Dinitrotoluene	9.816	165	174929	48.247	ng	# 86	
58) Fluorene	10.151	166	555227	44.378	ng	99	
59) 2,3,4,6-Tetrachlorophenol	9.939	232	124691	42.021	ng	97	
60) Diethylphthalate	10.039	149	559255	43.584	ng	99	
61) 4-Chlorophenyl-phenyle...	10.145	204	255713	45.208	ng	98	
62) 4-Nitroaniline	10.198	138	132643	44.926	ng	97	
63) Azobenzene	10.304	77	510295	42.223	ng	99	
65) 4,6-Dinitro-2-methylph...	10.227	198	92054	44.995	ng	93	
66) n-Nitrosodiphenylamine	10.269	169	486624	44.686	ng	99	
67) 4-Bromophenyl-phenylether	10.633	248	170476	46.022	ng	94	
68) Hexachlorobenzene	10.692	284	196825	47.004	ng	99	
69) Atrazine	10.804	200	162800	54.900	ng	99	
70) Pentachlorophenol	10.904	266	130522	80.088	ng	97	
71) Phenanthrene	11.110	178	798779	44.039	ng	99	
72) Anthracene	11.163	178	809402	45.692	ng	100	
73) Carbazole	11.327	167	746860	47.250	ng	100	
74) Di-n-butylphthalate	11.651	149	862719	45.057	ng	100	
75) Fluoranthene	12.292	202	827841	47.489	ng	98	
77) Benzidine	12.427	184	310258	59.443	ng	98	
78) Pyrene	12.521	202	820870	46.079	ng	100	
80) Butylbenzylphthalate	13.145	149	320561	46.796	ng	99	
81) Benzo(a)anthracene	13.710	228	612835	44.045	ng	100	
82) 3,3'-Dichlorobenzidine	13.674	252	169596	42.181	ng	98	
83) Chrysene	13.745	228	566562	42.947	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.704	149	382437	46.051	ng	99	
85) Di-n-octyl phthalate	14.310	149	516052	40.575	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.386	276	559713	48.073	ng	99	
88) Benzo(b)fluoranthene	14.715	252	519043	52.693	ng	99	
89) Benzo(k)fluoranthene	14.739	252	459671	45.830	ng	98	
90) Benzo(a)pyrene	15.039	252	421179	51.374	ng	98	
91) Dibenzo(a,h)anthracene	16.392	278	486217	50.946	ng	99	
92) Benzo(g,h,i)perylene	16.774	276	497806	56.003	ng	98	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
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Client SampleId :
PB148429BS



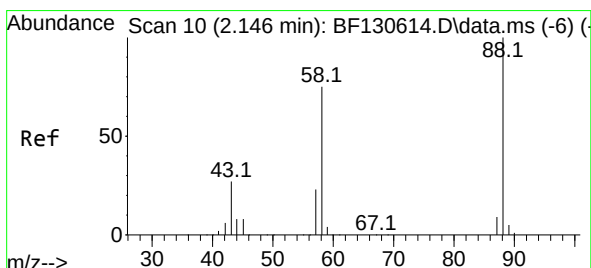
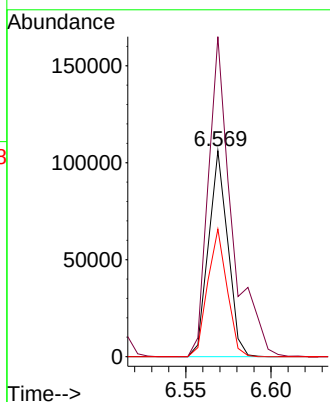
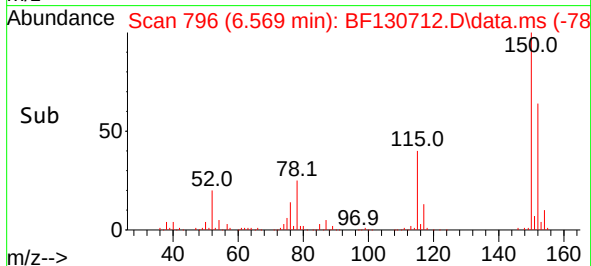
Tgt Ion: 152 Resp: 83663
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.6
115 61.9 52.2 78.4

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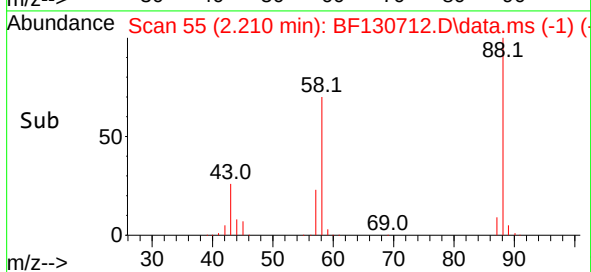
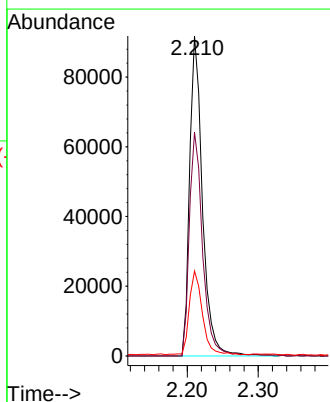
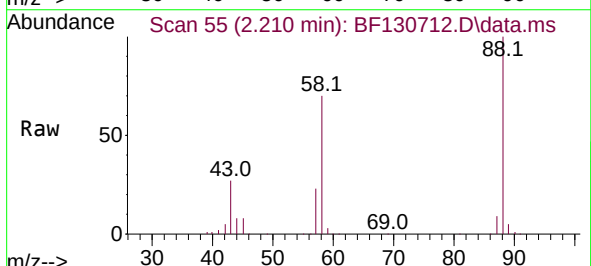
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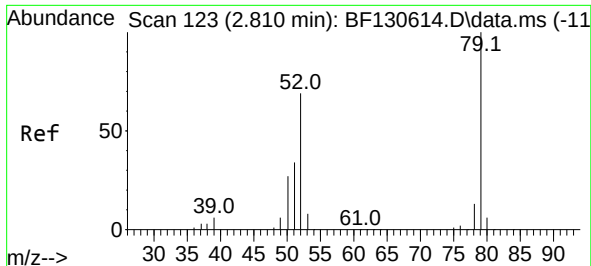
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#2
1,4-Dioxane
Concen: 41.012 ng
RT: 2.210 min Scan# 55
Delta R.T. 0.076 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

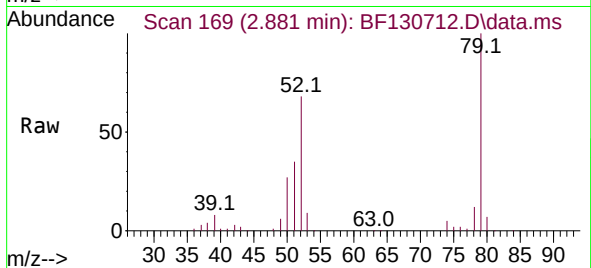
Tgt Ion: 88 Resp: 115162
Ion Ratio Lower Upper
88 100
58 72.6 58.8 88.2
43 26.5 22.2 33.4





#3
Pyridine
Concen: 45.224 ng
RT: 2.881 min Scan# 10
Delta R.T. 0.094 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
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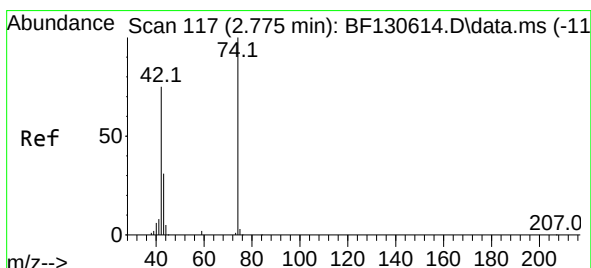
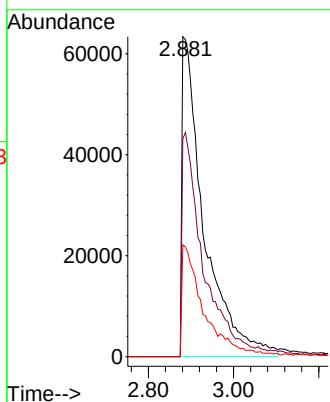
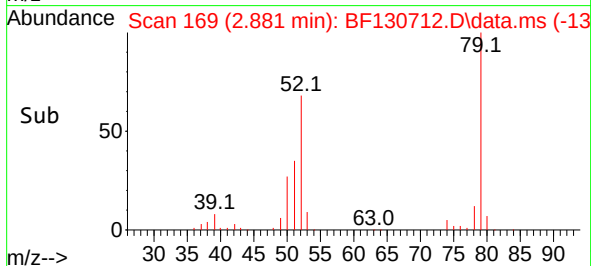
Tgt Ion: 79 Resp: 227154
Ion Ratio Lower Upper
79 100
52 68.1 54.8 82.2
51 34.9 27.4 41.2

Manual Integrations
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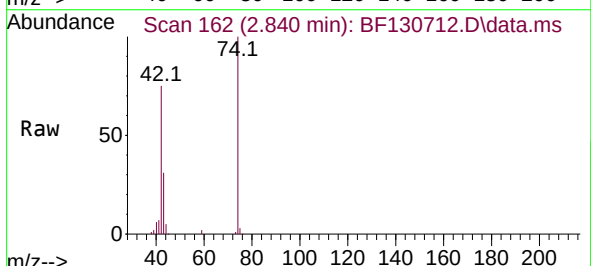
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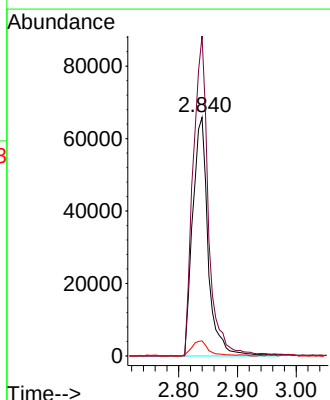
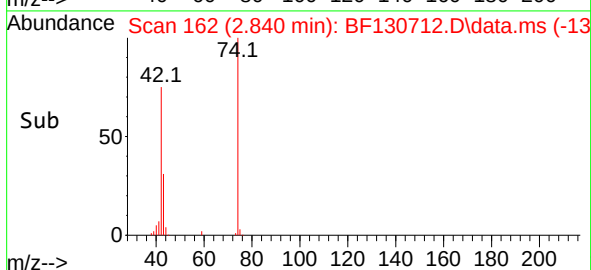
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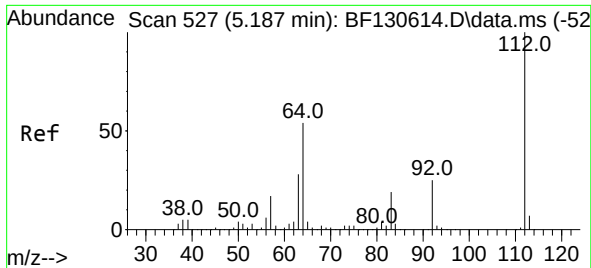


#4
n-Nitrosodimethylamine
Concen: 50.679 ng
RT: 2.840 min Scan# 162
Delta R.T. 0.082 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



Tgt Ion: 42 Resp: 119936
Ion Ratio Lower Upper
42 100
74 134.1 106.2 159.2
44 6.3 5.0 7.4





#5
2-Fluorophenol
Concen: 140.783 ng
RT: 5.187 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:112 Resp: 653428
Ion Ratio Lower Upper
112 100
64 56.3 43.5 65.3
63 30.4 22.6 34.0

Manual Integrations

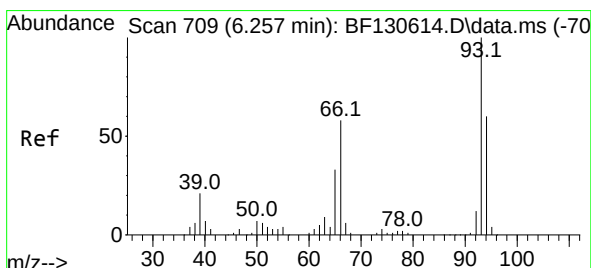
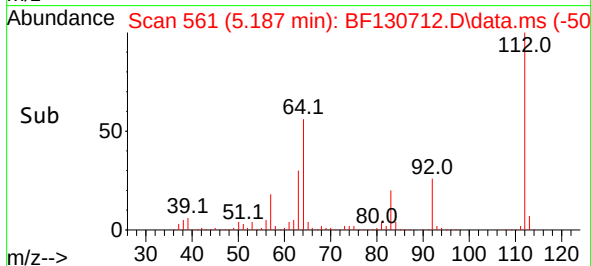
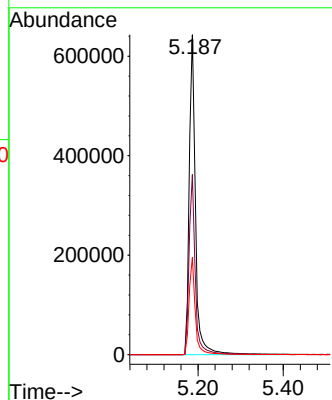
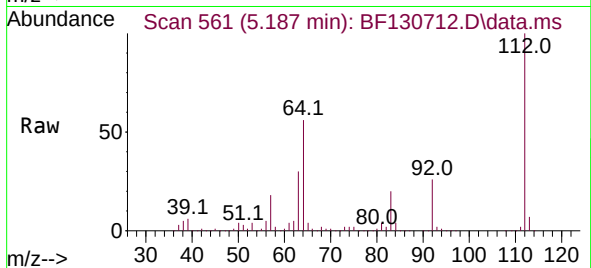
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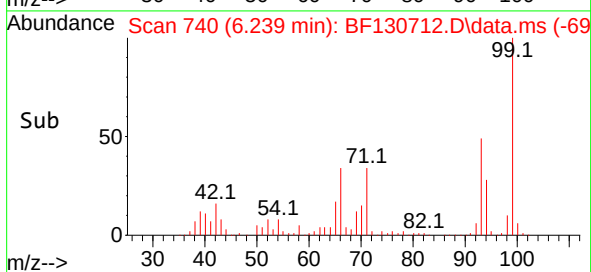
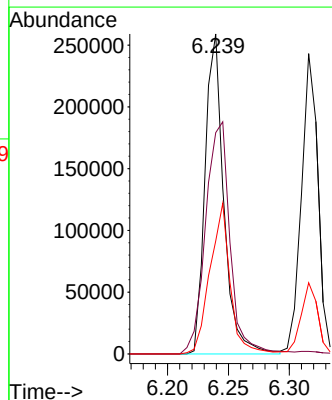
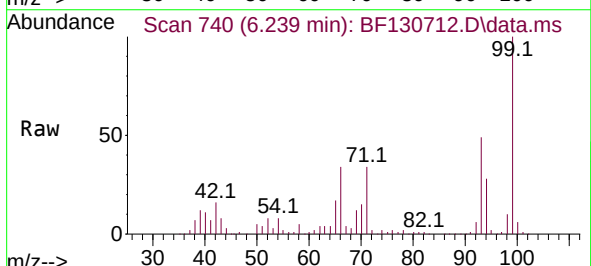
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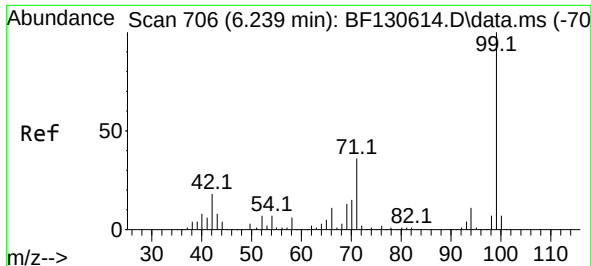
10/20/2022



#6
Aniline
Concen: 39.606 ng
RT: 6.239 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

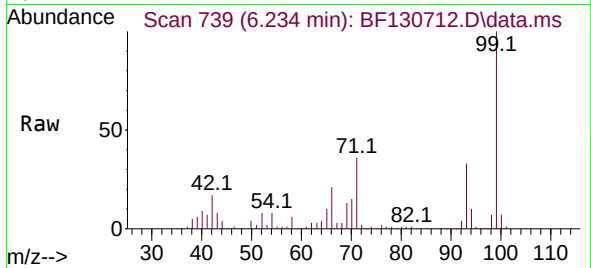
Tgt Ion: 93 Resp: 276704
Ion Ratio Lower Upper
93 100
66 69.1 47.4 71.0
65 35.3 26.6 40.0





#7
Phenol-d6
Concen: 137.482 ng
RT: 6.234 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

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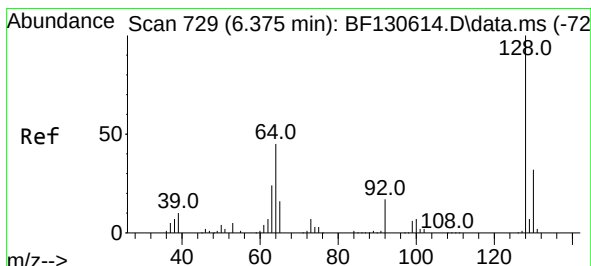
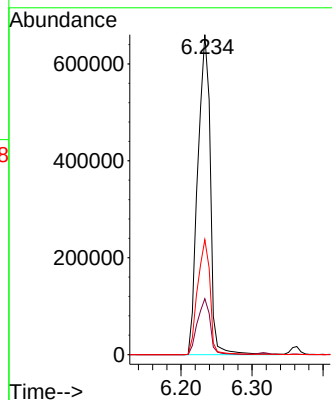
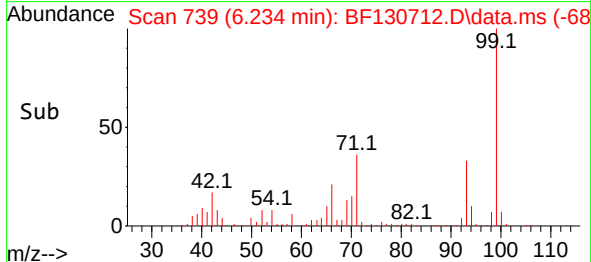
Tgt Ion: 99 Resp: 802275
Ion Ratio Lower Upper
99 100
42 17.5 14.0 21.0
71 35.9 28.8 43.2

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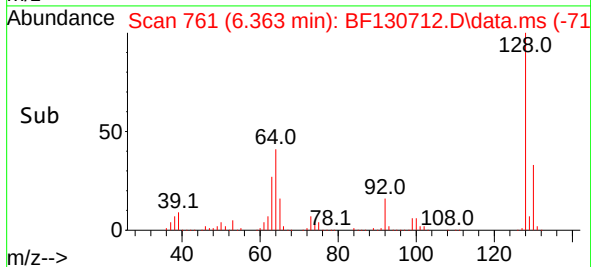
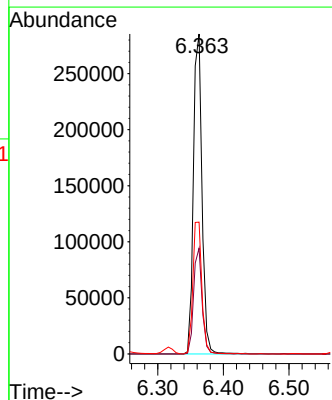
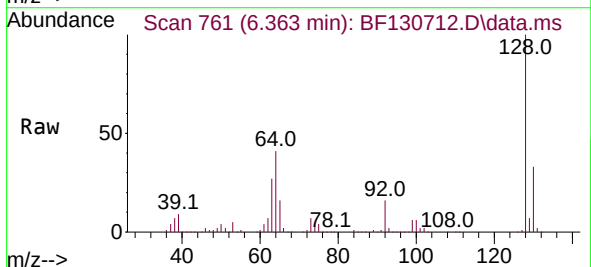
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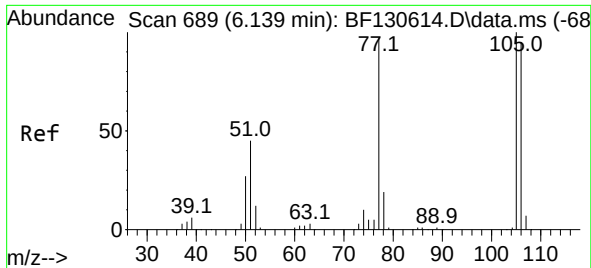
10/20/2022



#8
2-Chlorophenol
Concen: 47.759 ng
RT: 6.363 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

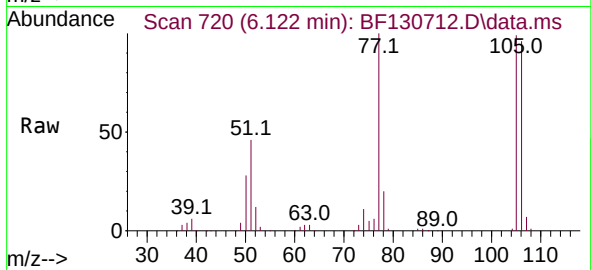
Tgt Ion:128 Resp: 260680
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 41.2 25.9 65.9





#9
Benzaldehyde
Concen: 38.417 ng
RT: 6.122 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

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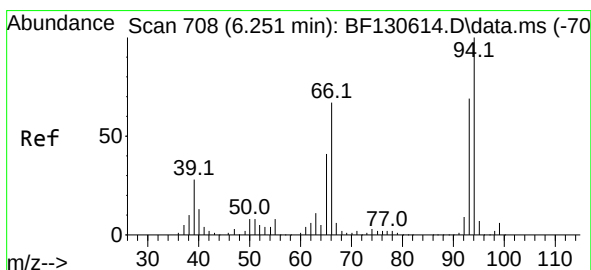
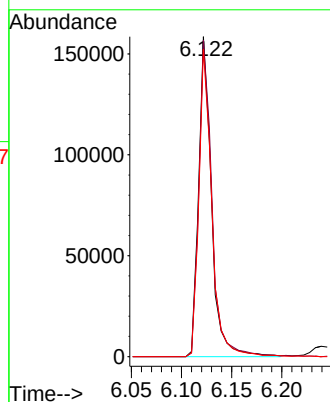
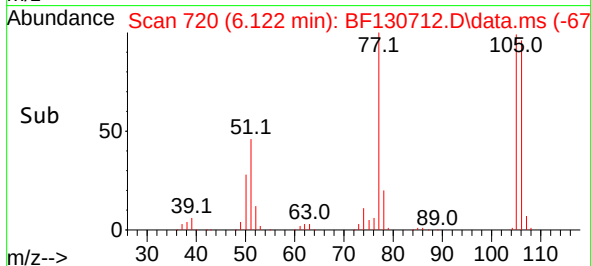
Tgt Ion: 77 Resp: 14084
Ion Ratio Lower Upper
77 100
105 98.9 83.0 123.0
106 96.0 77.8 117.8

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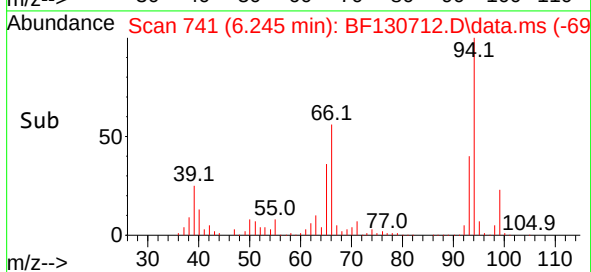
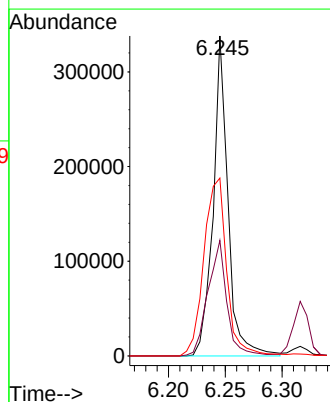
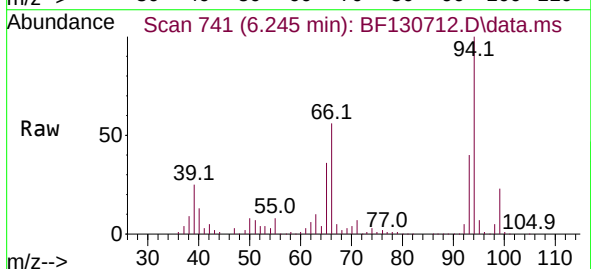
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Supervised By :mohammad
ahmed

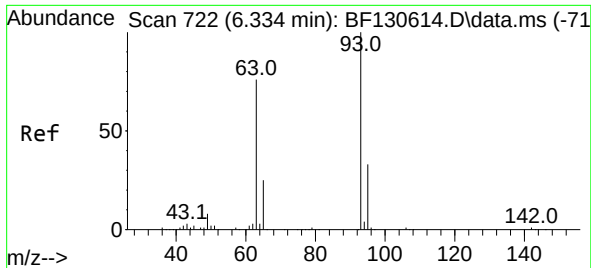
10/20/2022



#10
Phenol
Concen: 45.678 ng
RT: 6.245 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion: 94 Resp: 308423
Ion Ratio Lower Upper
94 100
65 36.1 21.2 61.2
66 55.6 46.9 86.9





#11
bis(2-Chloroethyl)ether
Concen: 46.206 ng
RT: 6.316 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS

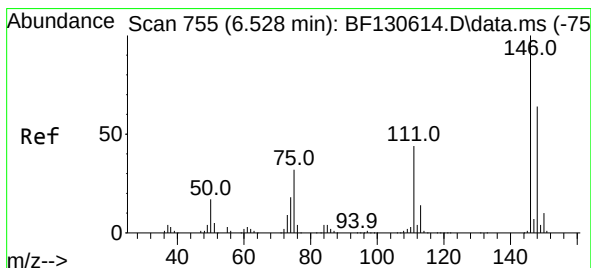
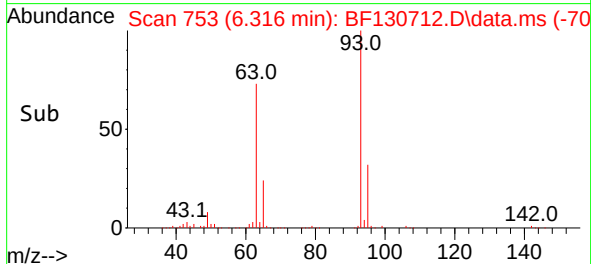
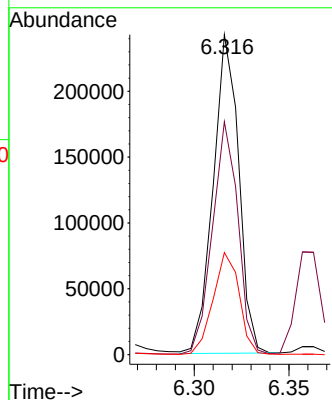
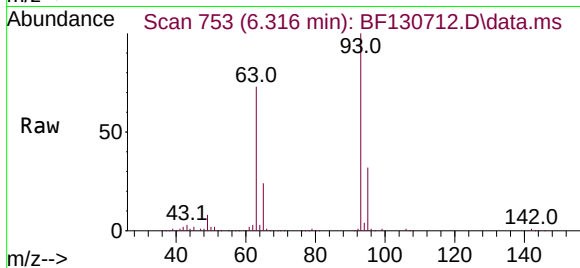
Tgt Ion: 93 Resp: 22662
Ion Ratio Lower Upper
93 100
63 72.8 56.1 96.1
95 31.9 12.4 52.4

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Supervised By :mohammad ahmed 10/20/2022

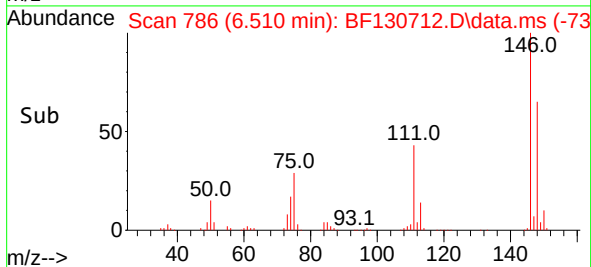
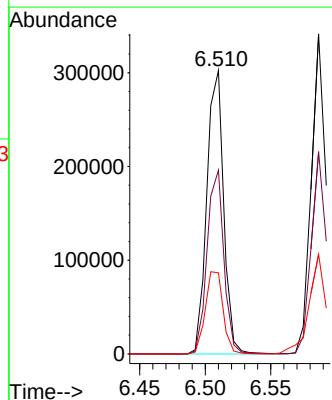
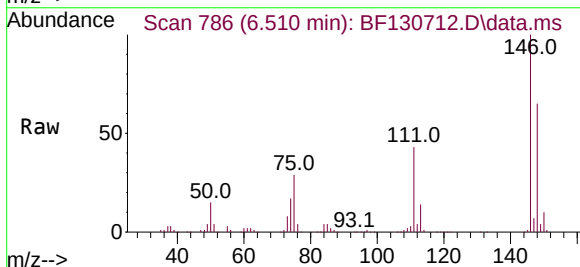
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ahmed

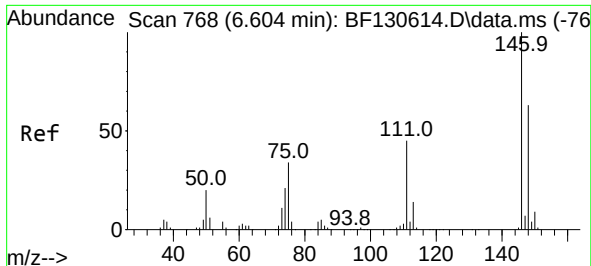
10/20/2022



#12
1,3-Dichlorobenzene
Concen: 45.245 ng
RT: 6.510 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion:146 Resp: 270401
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 28.6 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 45.071 ng
RT: 6.586 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS

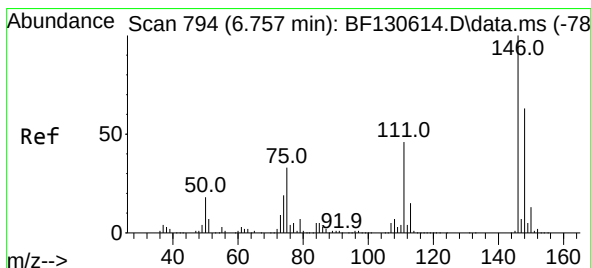
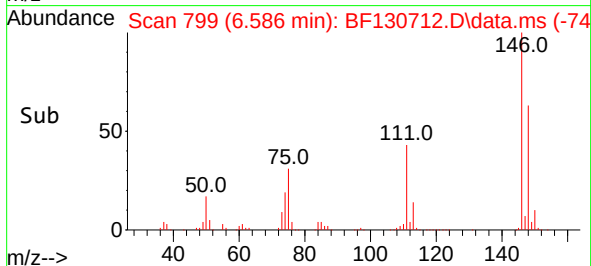
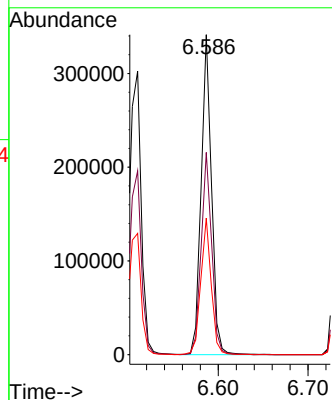
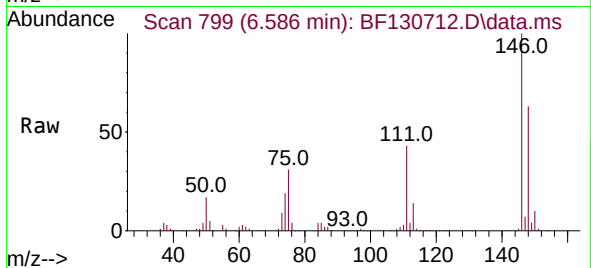
Tgt Ion:146 Resp: 273262
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
111 42.7 35.9 53.9

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Supervised By :mohammad ahmed 10/20/2022

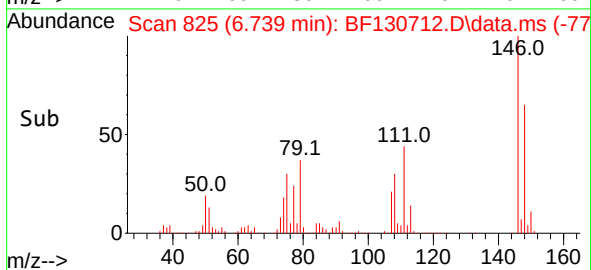
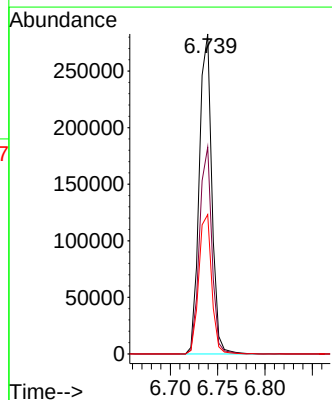
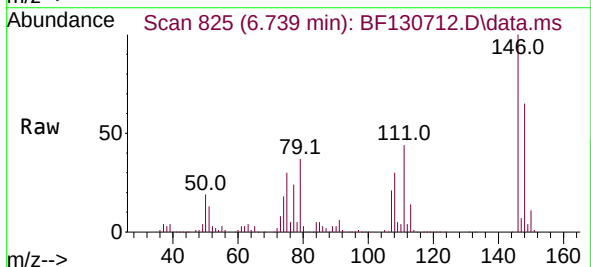
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Supervised By :mohammad
ahmed

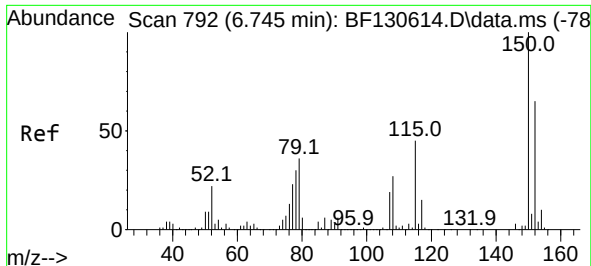
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#14
1,2-Dichlorobenzene
Concen: 46.007 ng
RT: 6.739 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

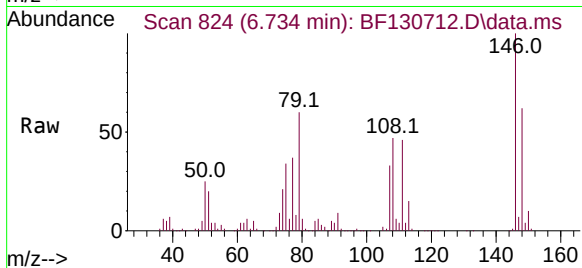
Tgt Ion:146 Resp: 259778
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
111 43.5 37.2 55.8





#15
Benzyl Alcohol
Concen: 48.642 ng
RT: 6.734 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



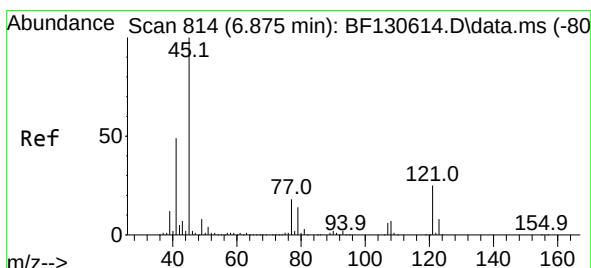
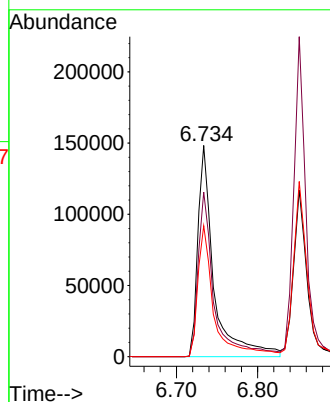
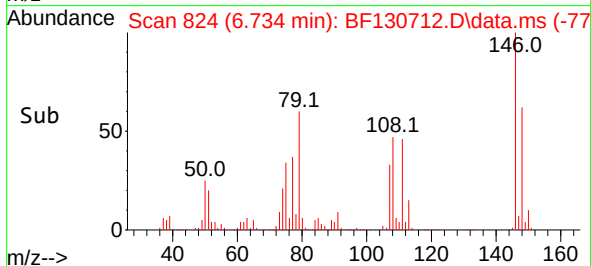
Tgt Ion: 79 Resp: 203793
Ion Ratio Lower Upper
79 100
108 78.0 59.7 89.5
77 61.9 51.8 77.6

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Supervised By :mohammad ahmed 10/20/2022

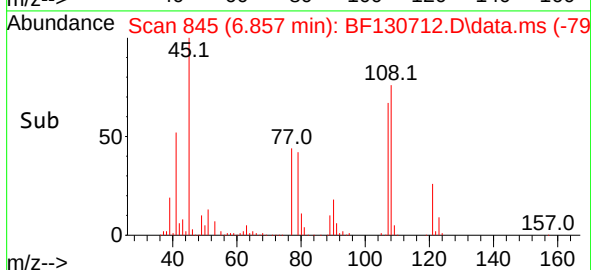
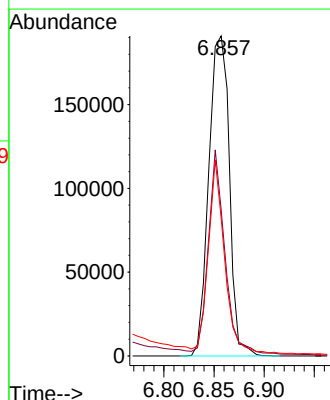
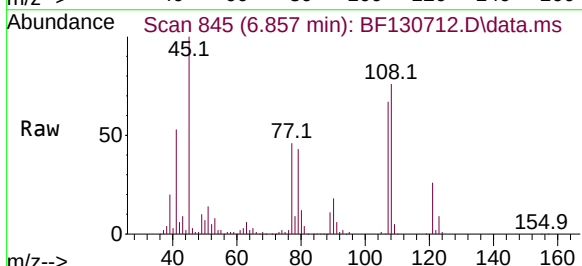
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Supervised By :mohammad
ahmed

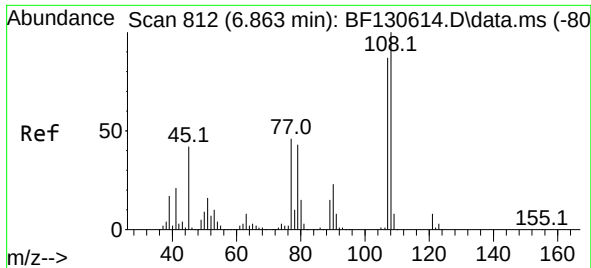
10/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.045 ng
RT: 6.857 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

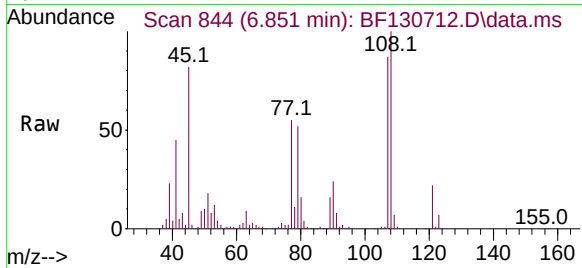
Tgt Ion: 45 Resp: 271616
Ion Ratio Lower Upper
45 100
77 45.7 0.0 38.7#
79 43.0 0.0 34.6#





#17
2-Methylphenol
Concen: 47.845 ng
RT: 6.851 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



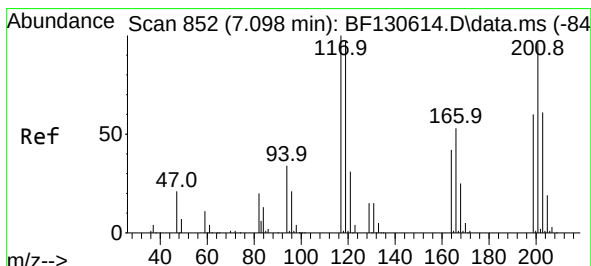
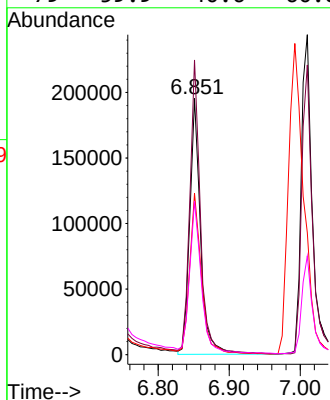
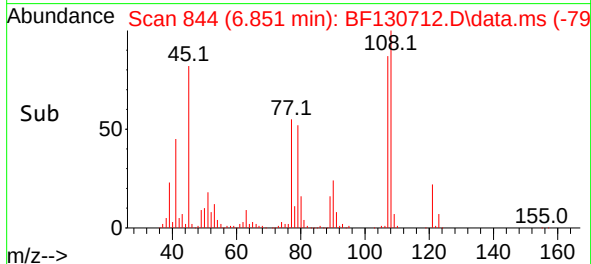
Tgt Ion:107 Resp: 207734
Ion Ratio Lower Upper
107 100
108 115.1 92.2 138.2
77 63.0 42.7 64.1
79 59.9 40.6 60.8

Manual Integrations
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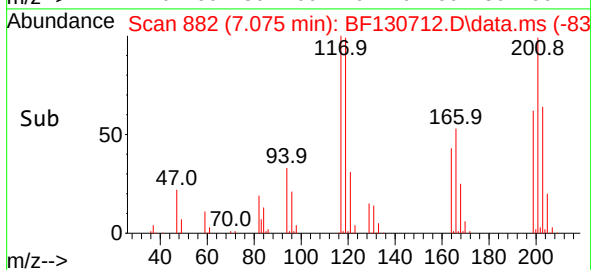
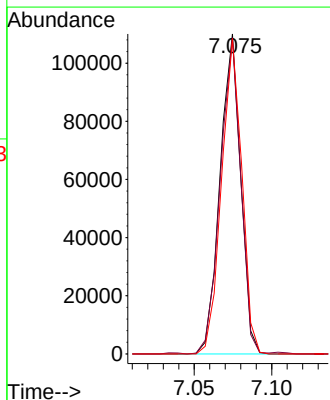
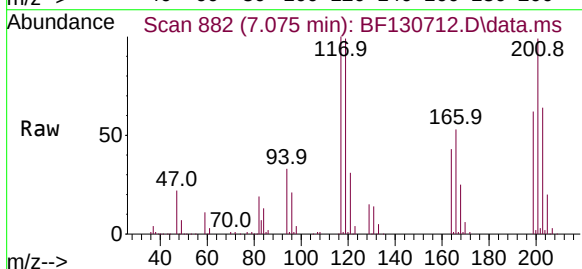
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ahmed

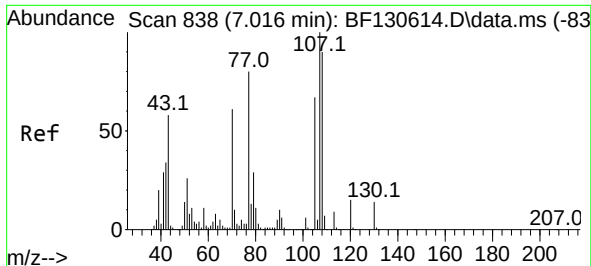
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#18
Hexachloroethane
Concen: 44.241 ng
RT: 7.075 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion:117 Resp: 101474
Ion Ratio Lower Upper
117 100
119 98.8 77.6 116.4
201 98.5 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.092 ng

RT: 6.998 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130712.D

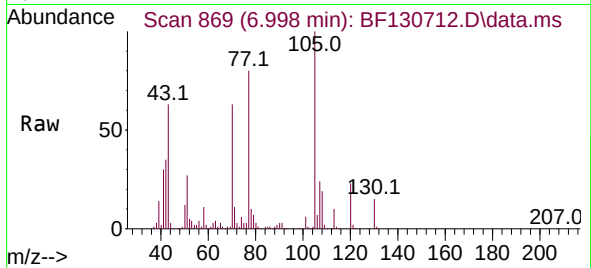
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS



Tgt Ion: 70 Resp: 169769

Ion Ratio Lower Upper

70 100

42 54.9 44.3 66.5

101 10.2 7.9 11.9

130 23.5 18.1 27.1

Manual Integrations

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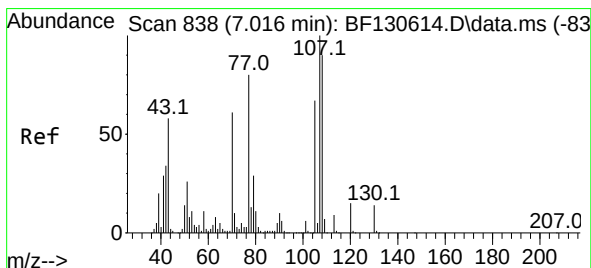
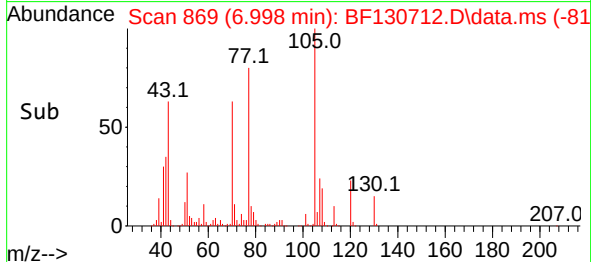
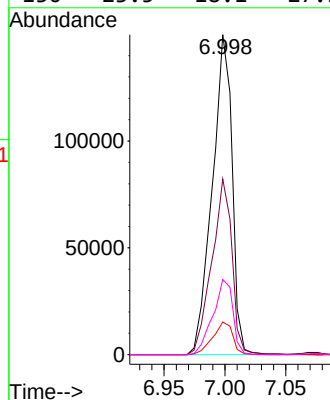
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ahmed

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#20

3+4-Methylphenols

Concen: 46.012 ng

RT: 7.010 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Tgt Ion:107 Resp: 267701

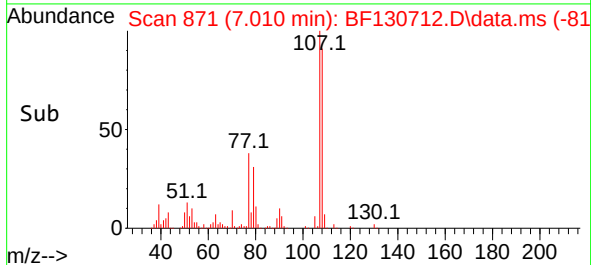
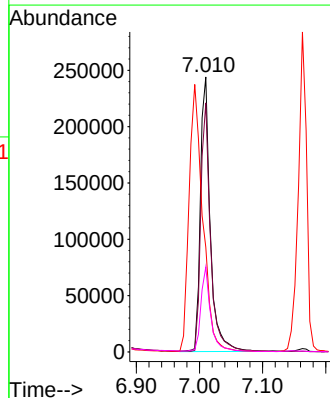
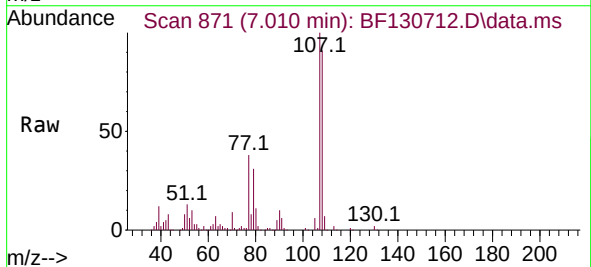
Ion Ratio Lower Upper

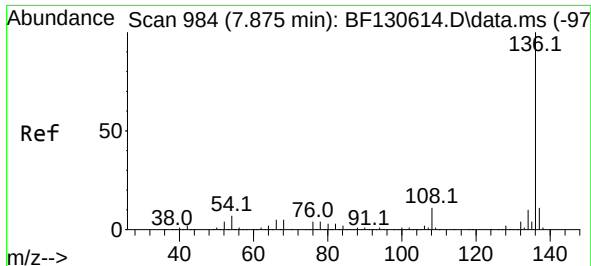
107 100

108 90.5 69.7 109.7

77 38.1 59.7 99.7#

79 30.9 9.5 49.5





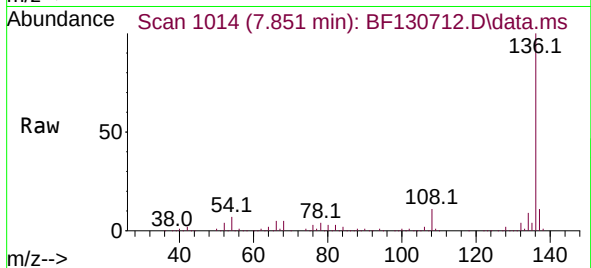
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS



Tgt Ion:136 Resp: 331700
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.3 5.5 8.3
68 5.1 4.0 6.0

Manual Integrations

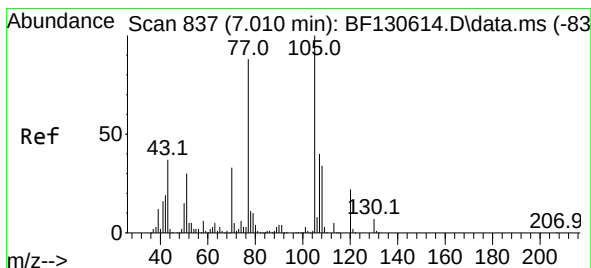
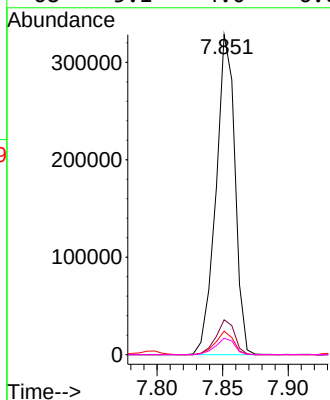
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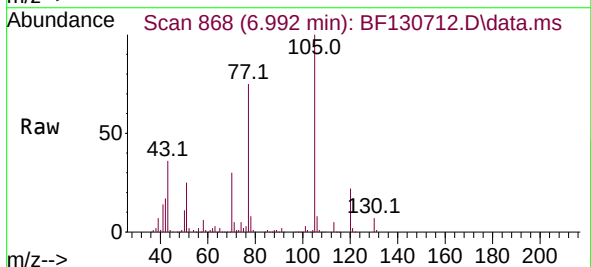
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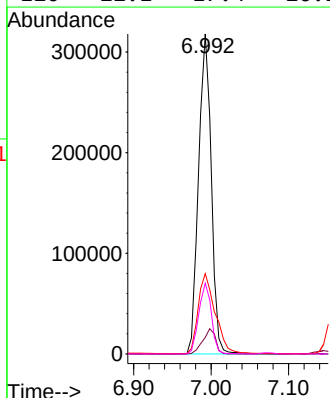
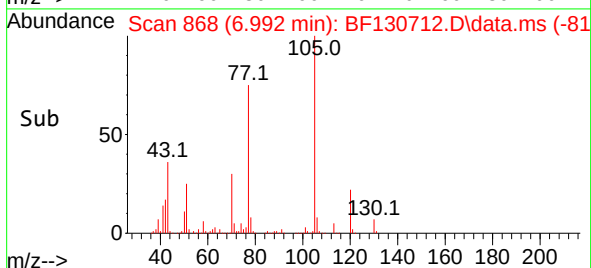
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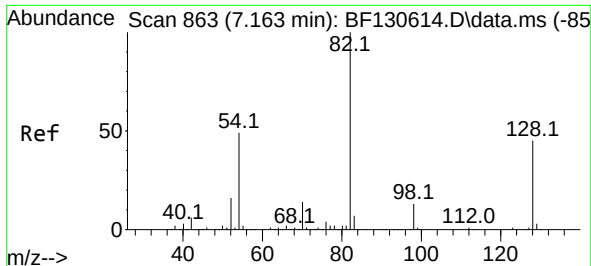


#22
Acetophenone
Concen: 45.472 ng
RT: 6.992 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



Tgt Ion:105 Resp: 361826
Ion Ratio Lower Upper
105 100
71 5.1 4.2 6.4
51 25.1 24.3 36.5
120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 83.412 ng

RT: 7.145 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion: 82 Resp: 506820

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.6
54	49.6	39.3	58.9

Manual Integrations

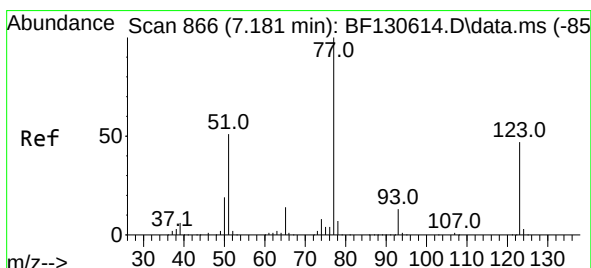
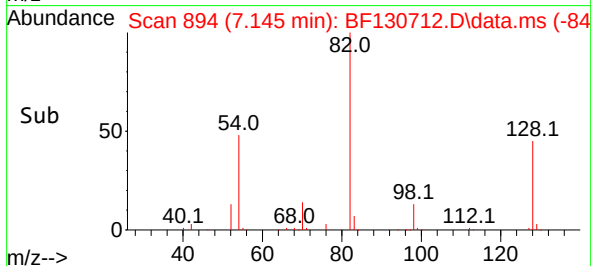
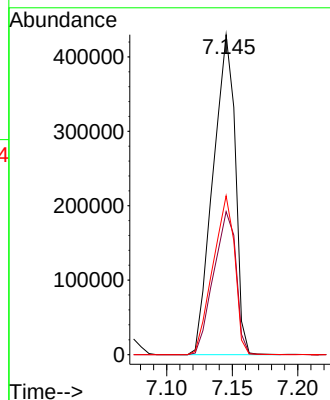
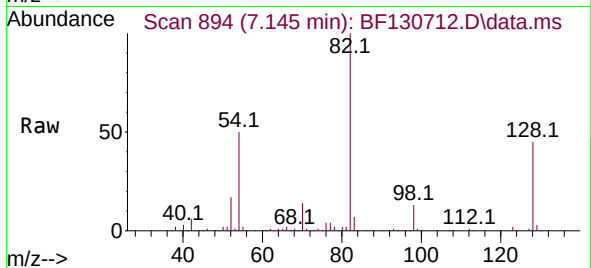
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Supervised By :mohammad
ahmed

10/20/2022



#24

Nitrobenzene

Concen: 43.074 ng

RT: 7.163 min Scan# 897

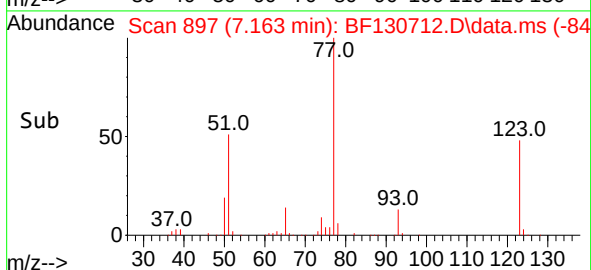
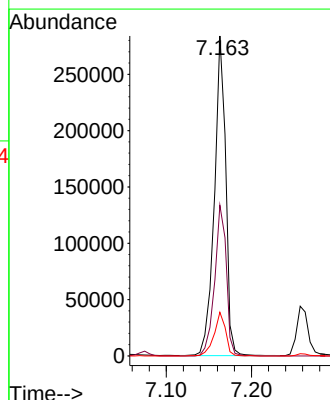
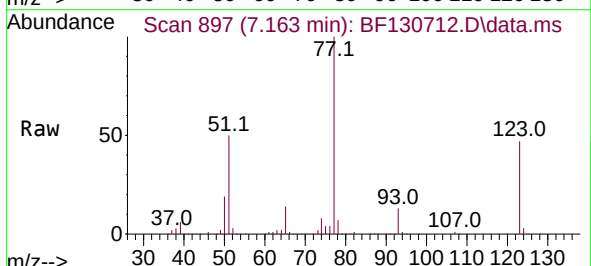
Delta R.T. -0.006 min

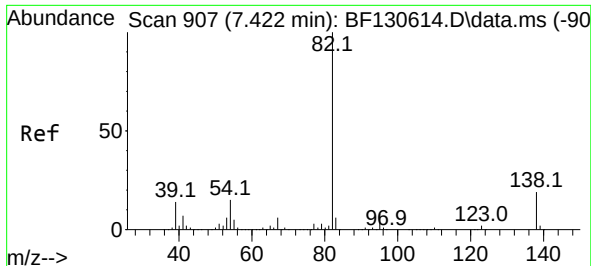
Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Tgt Ion: 77 Resp: 263206

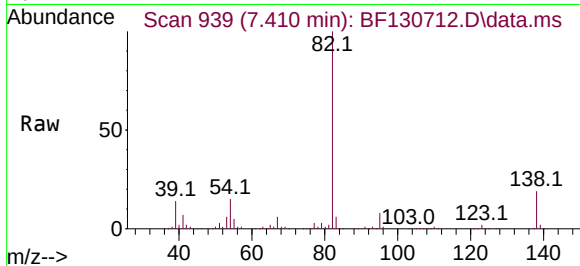
Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.5	56.3
65	13.6	11.0	16.4





#25
Isophorone
Concen: 46.881 ng
RT: 7.410 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



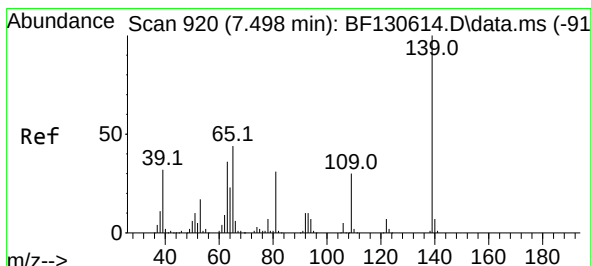
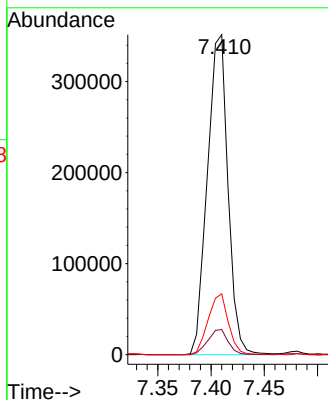
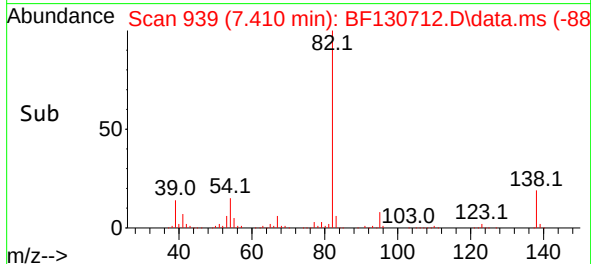
Tgt Ion: 82 Resp: 474092
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 19.0 14.9 22.3

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Supervised By :mohammad ahmed 10/20/2022

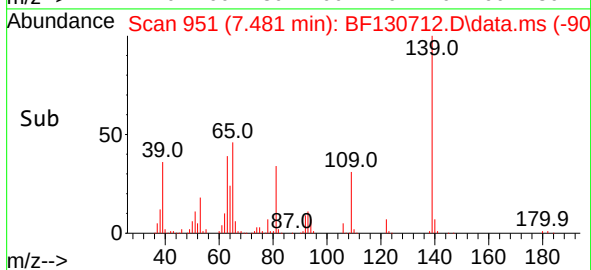
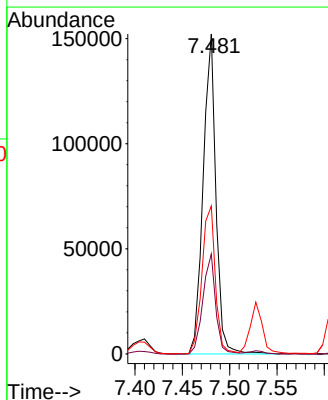
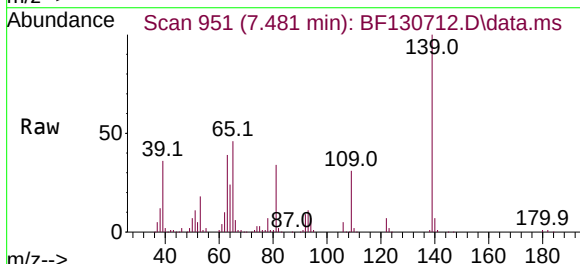
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Supervised By :mohammad
ahmed

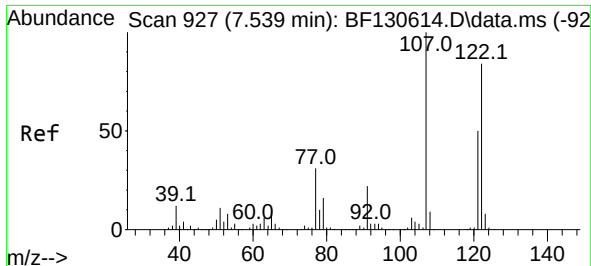
10/20/2022



#26
2-Nitrophenol
Concen: 47.720 ng
RT: 7.481 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion:139 Resp: 142999
Ion Ratio Lower Upper
139 100
109 31.2 23.9 35.9
65 46.2 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 52.674 ng

RT: 7.528 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:122 Resp: 219994
 Ion Ratio Lower Upper
 122 100
 107 116.0 94.9 142.3
 121 59.1 47.1 70.7

Manual Integrations

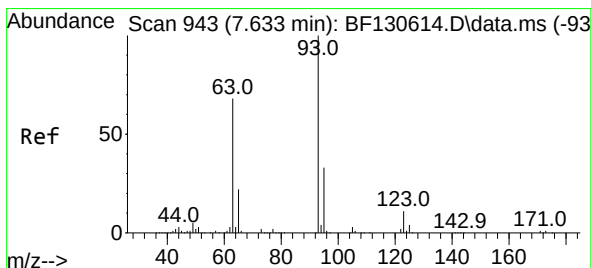
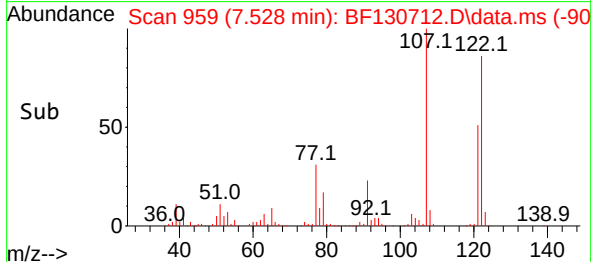
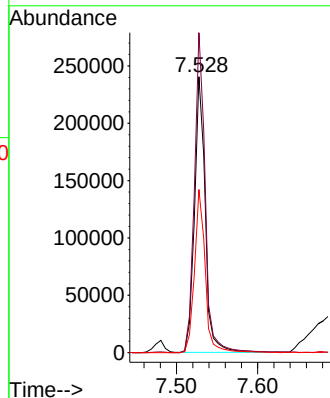
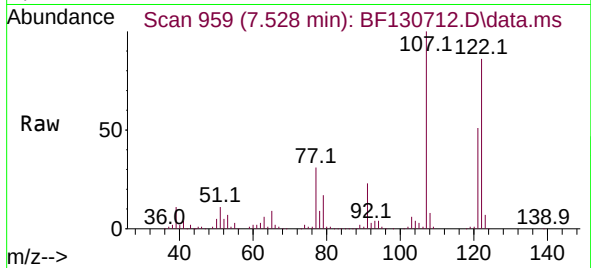
APPROVED

Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022

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Supervised By :mohammad
 ahmed

10/20/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.035 ng

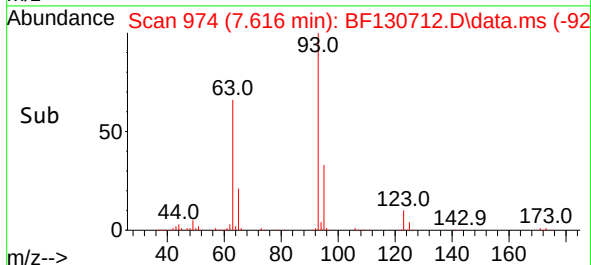
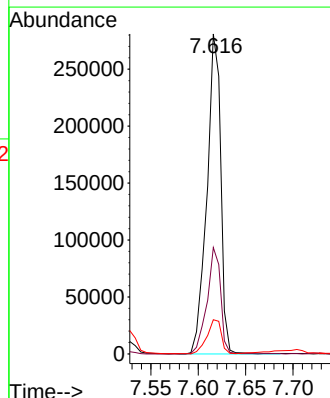
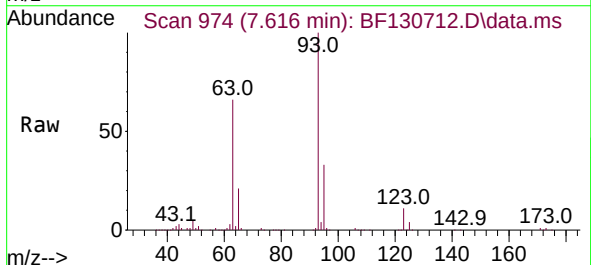
RT: 7.616 min Scan# 974

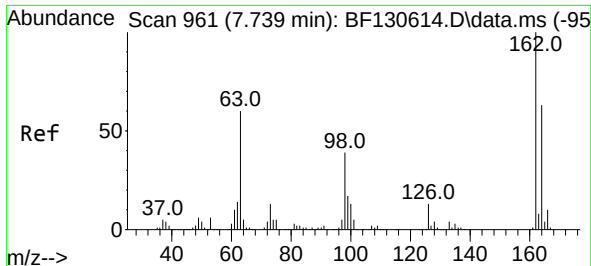
Delta R.T. -0.006 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Tgt Ion: 93 Resp: 287128
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.992 ng

RT: 7.728 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:	162	Resp:	219584
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.8	82.8
98	37.1	18.6	58.6

Manual Integrations

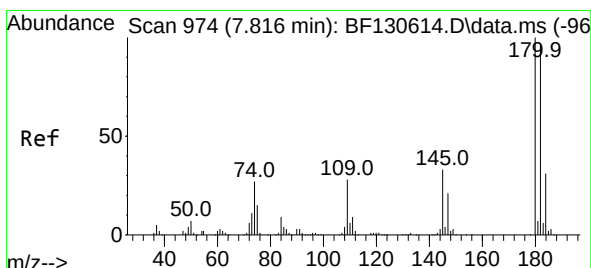
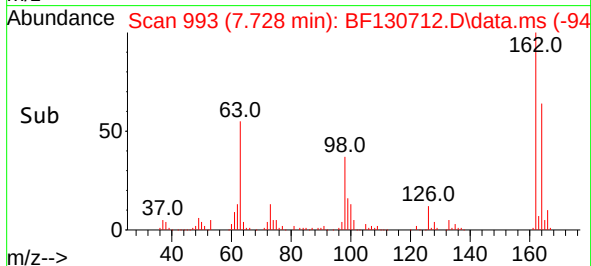
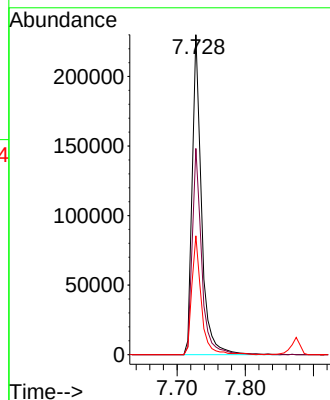
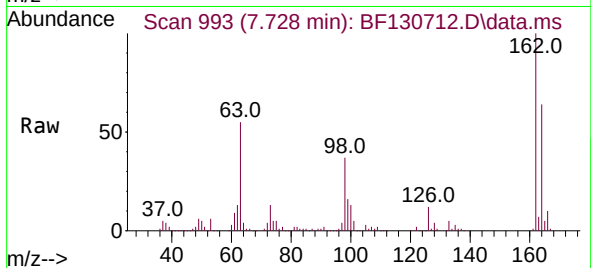
APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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Supervised By :mohammad
ahmed

10/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.086 ng

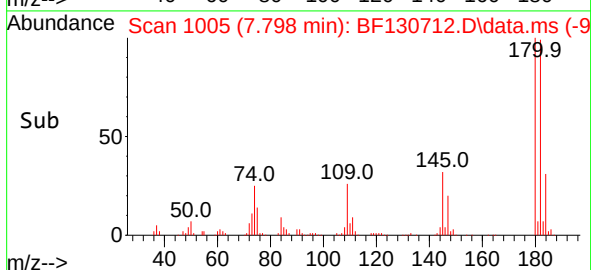
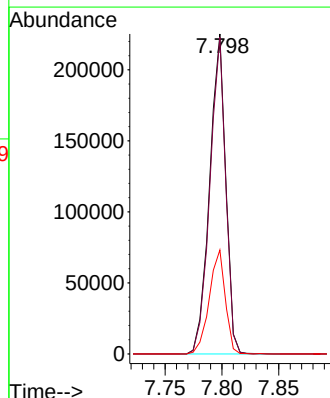
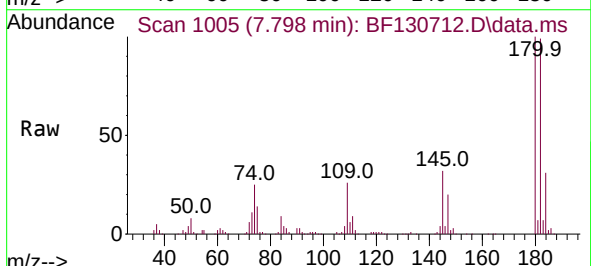
RT: 7.798 min Scan# 1005

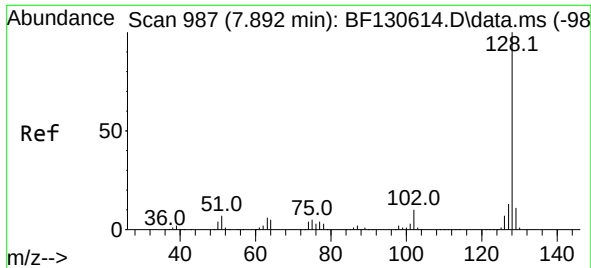
Delta R.T. -0.006 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Tgt Ion:	180	Resp:	222089
Ion Ratio	Lower	Upper	
180	100		
182	99.0	78.0	117.0
145	32.5	26.7	40.1





#31
Naphthalene
Concen: 43.835 ng
RT: 7.875 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:128 Resp: 752656
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.8 10.3 15.5

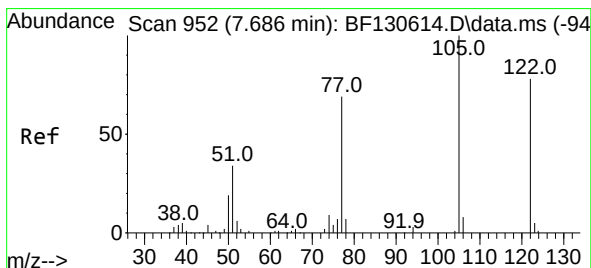
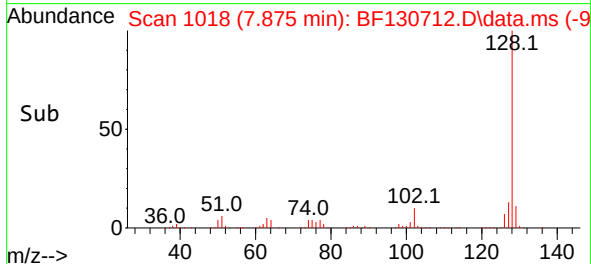
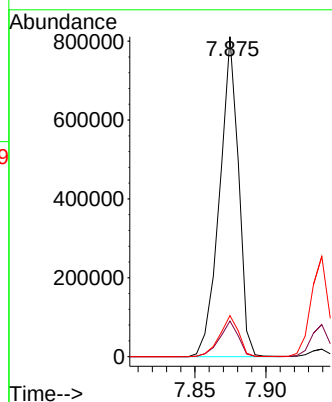
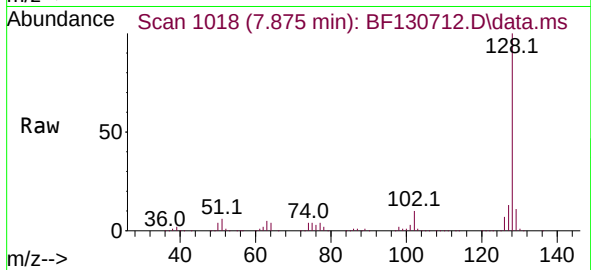
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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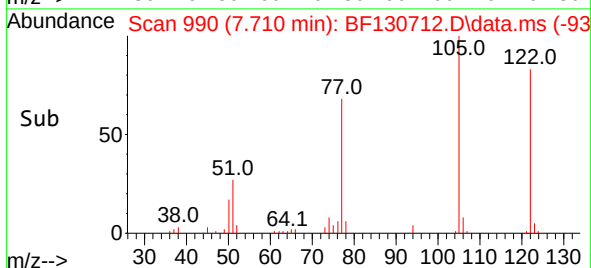
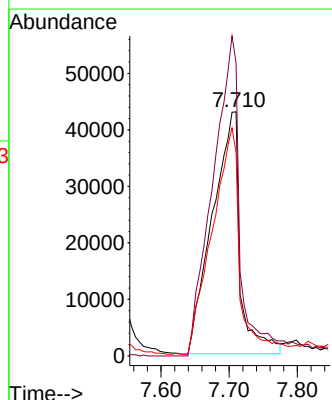
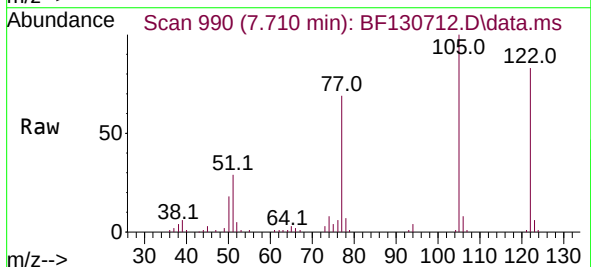
Supervised By :mohammad
ahmed

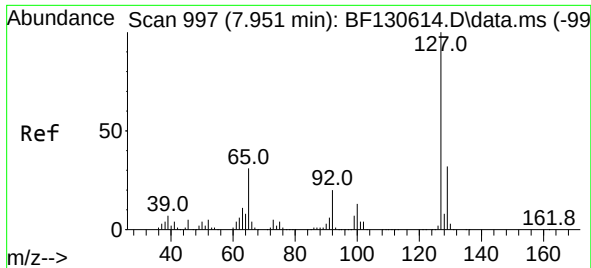
10/20/2022



#32
Benzoic acid
Concen: 45.910 ng
RT: 7.710 min Scan# 990
Delta R.T. 0.023 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion:122 Resp: 121305
Ion Ratio Lower Upper
122 100
105 120.3 104.8 144.8
77 83.4 68.2 108.2





#33
4-Chloroaniline
Concen: 39.024 ng
RT: 7.939 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:127 Resp: 259558
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 27.5 24.7 37.1
92 17.8 15.8 23.8

Manual Integrations

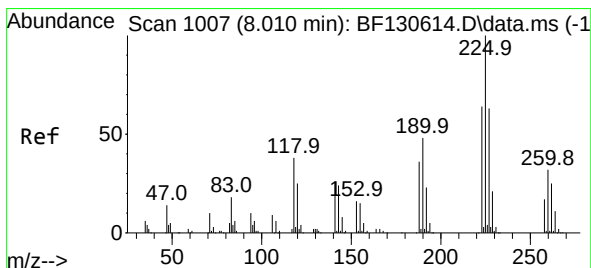
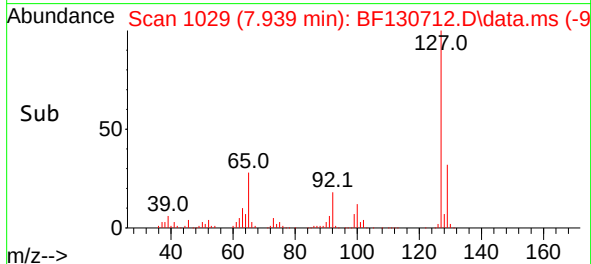
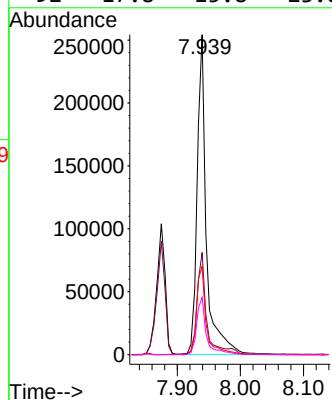
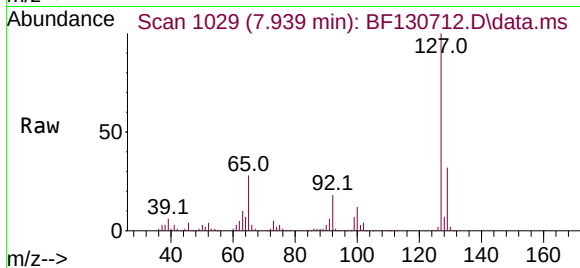
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Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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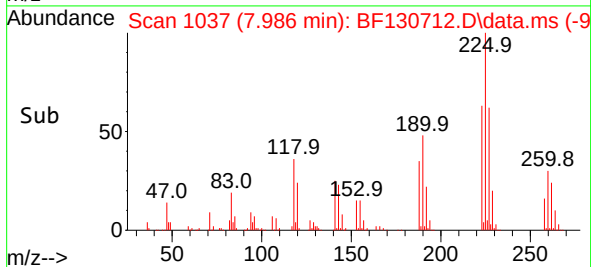
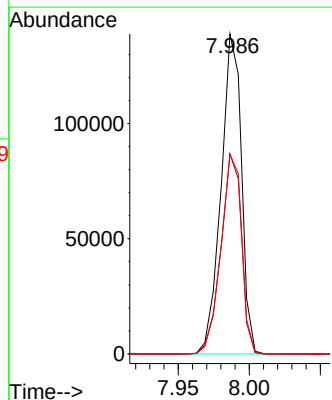
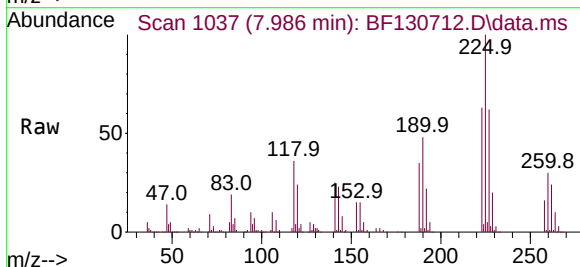
Supervised By :mohammad
ahmed

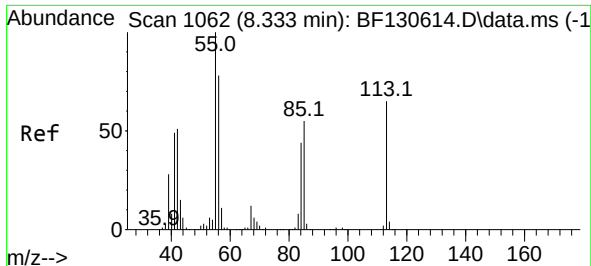
10/20/2022



#34
Hexachlorobutadiene
Concen: 44.366 ng
RT: 7.986 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

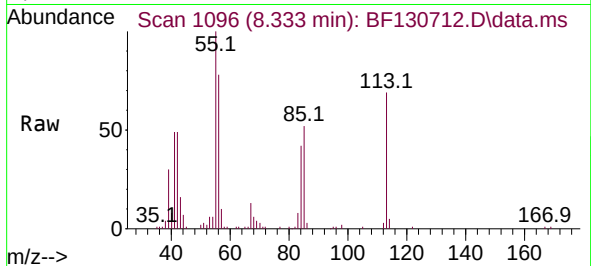
Tgt Ion:225 Resp: 138717
Ion Ratio Lower Upper
225 100
223 62.5 51.5 77.3
227 62.3 50.4 75.6





#35
Caprolactam
Concen: 51.762 ng m
RT: 8.333 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



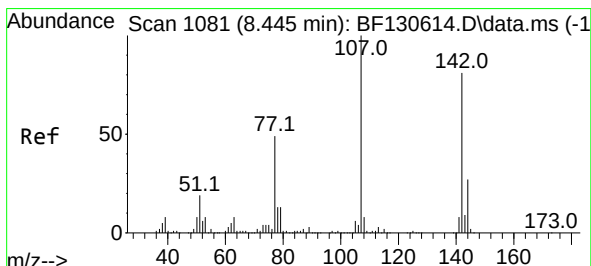
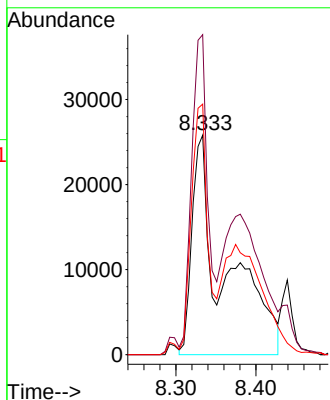
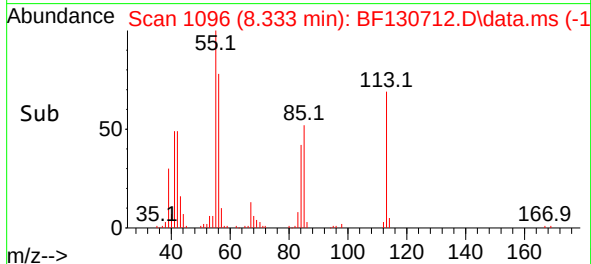
Tgt Ion:113 Resp: 72773
Ion Ratio Lower Upper
113 100
55 145.8 134.3 174.3
56 114.1 101.0 141.0

Manual Integrations
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Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

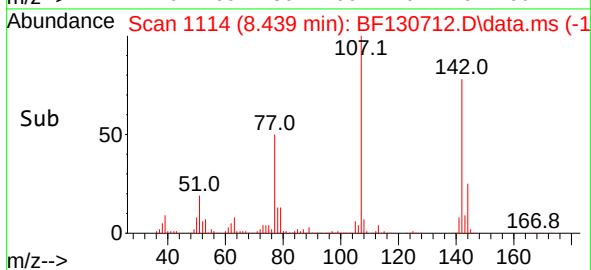
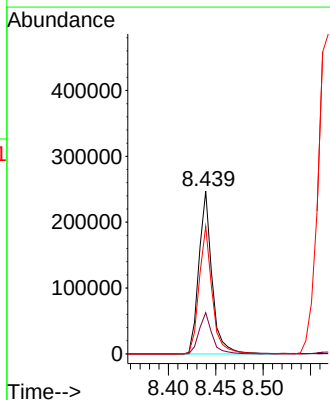
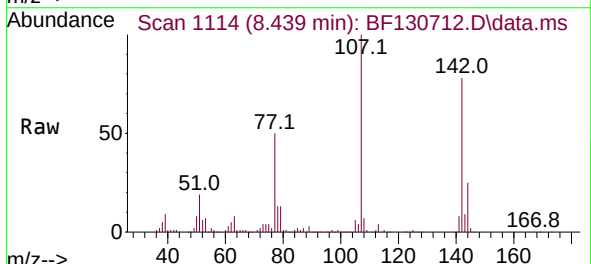
10/20/2022
Supervised By :mohammad
ahmed

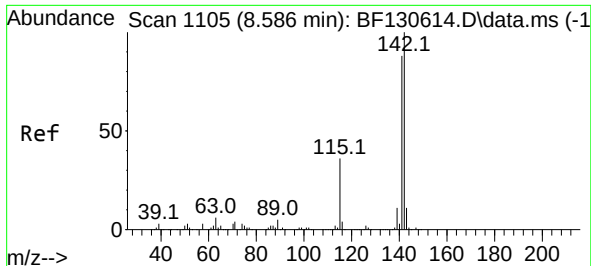
10/20/2022



#36
4-Chloro-3-methylphenol
Concen: 46.976 ng
RT: 8.439 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion:107 Resp: 238105
Ion Ratio Lower Upper
107 100
144 25.3 21.9 32.9
142 78.3 64.6 96.8





#37

2-Methylnaphthalene

Concen: 45.345 ng

RT: 8.569 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:142 Resp: 489970

Ion Ratio Lower Upper

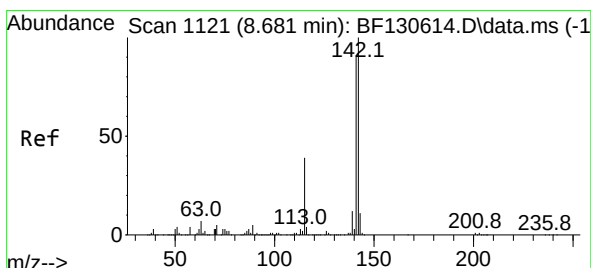
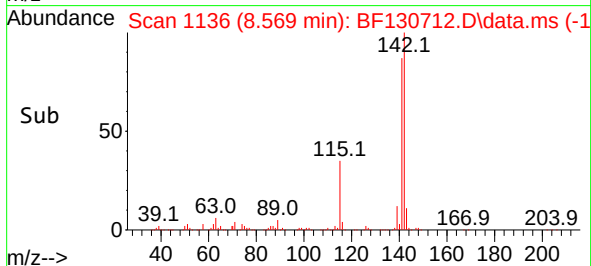
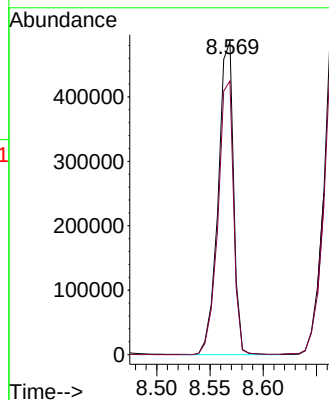
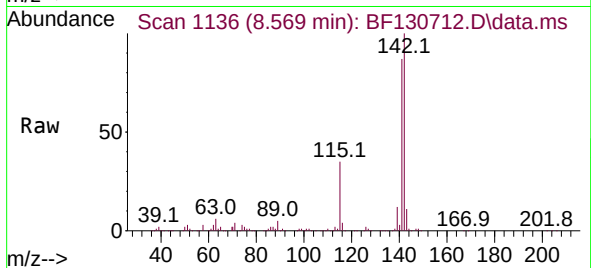
142 100

141 87.4 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#38

1-Methylnaphthalene

Concen: 44.716 ng

RT: 8.663 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130712.D

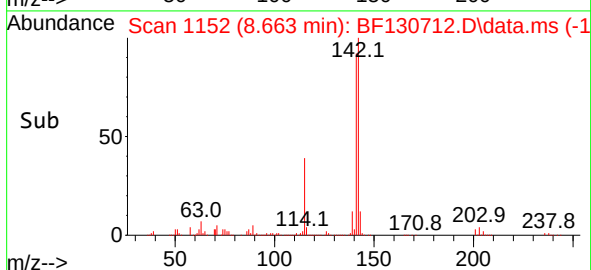
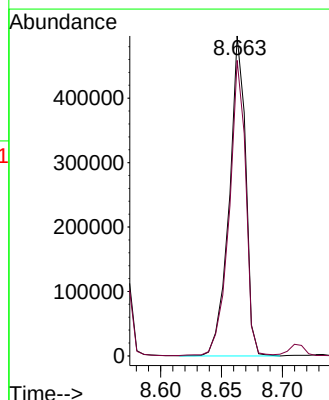
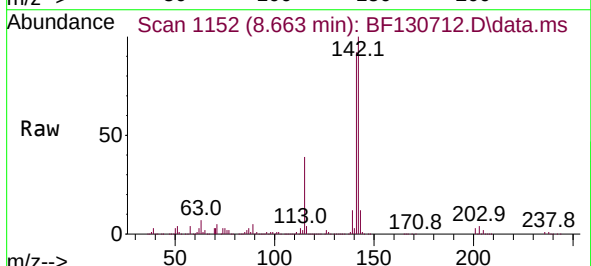
Acq: 19 Oct 2022 15:52

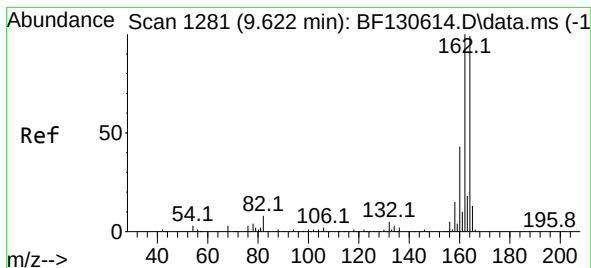
Tgt Ion:142 Resp: 469049

Ion Ratio Lower Upper

142 100

141 92.3 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.604 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130712.D

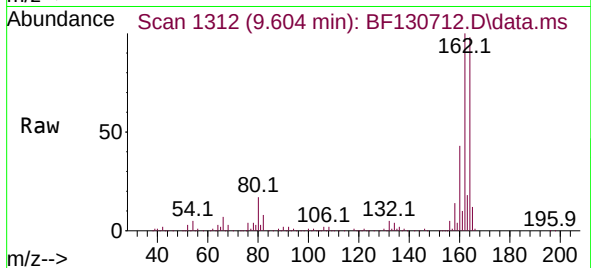
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS



Tgt Ion:164 Resp: 18578

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 43.4 34.5 51.7

Manual Integrations

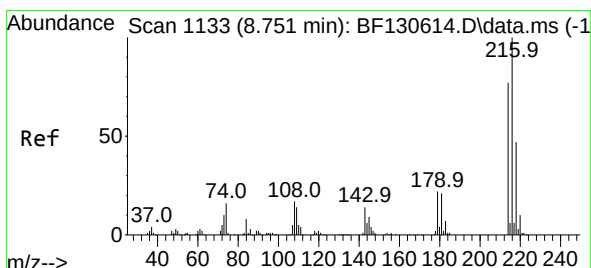
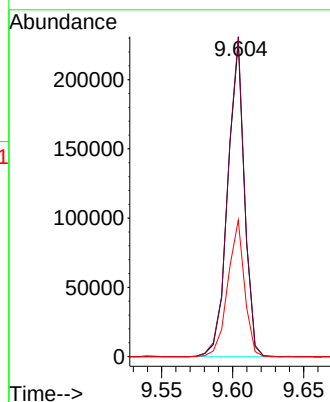
APPROVED

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Supervised By :mohammad ahmed 10/20/2022

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Supervised By :mohammad
ahmed

10/20/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.738 ng

RT: 8.733 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Tgt Ion:216 Resp: 230546

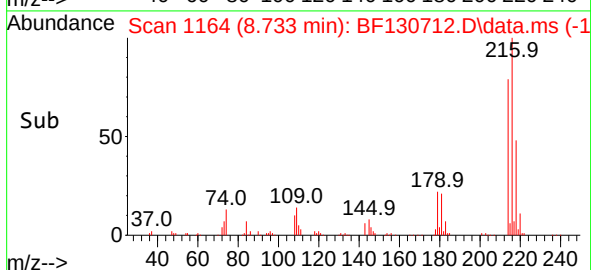
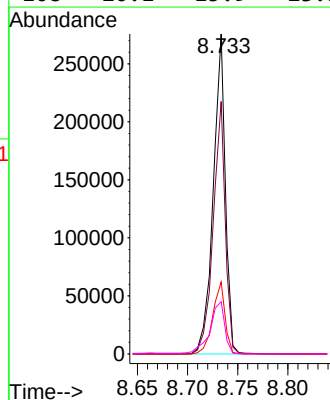
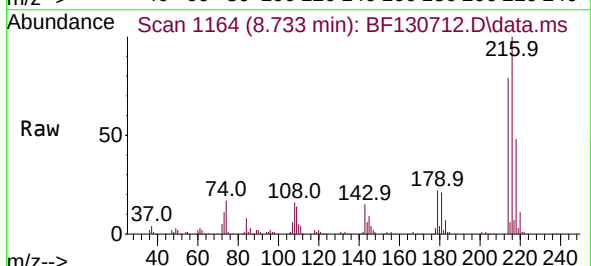
Ion Ratio Lower Upper

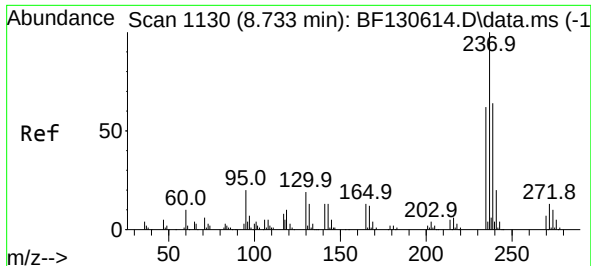
216 100

214 78.8 62.1 93.1

179 22.8 18.6 27.8

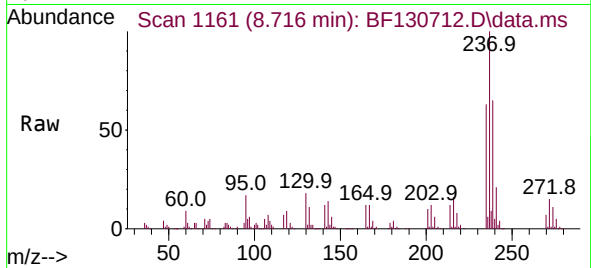
108 20.1 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 63.637 ng
RT: 8.716 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



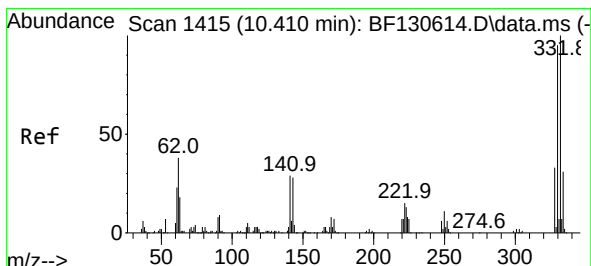
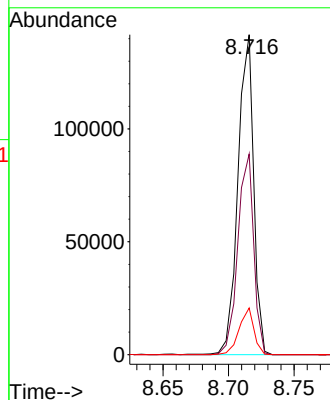
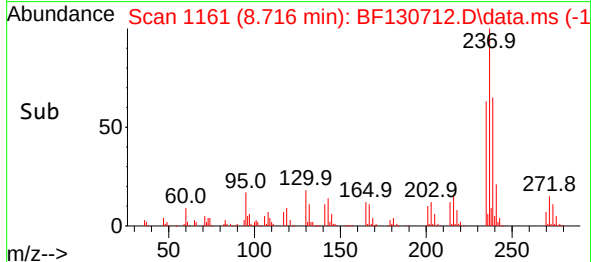
Tgt Ion:237 Resp: 11811
Ion Ratio Lower Upper
237 100
235 62.7 42.2 82.2
272 14.6 0.0 32.6

Manual Integrations
APPROVED

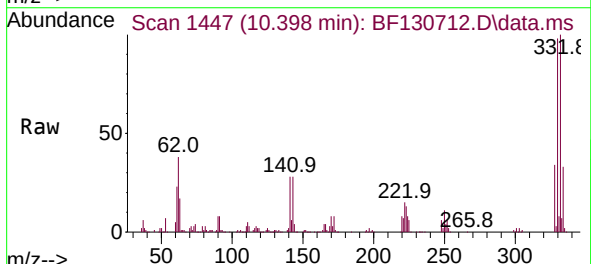
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

10/20/2022
Supervised By :mohammad
ahmed

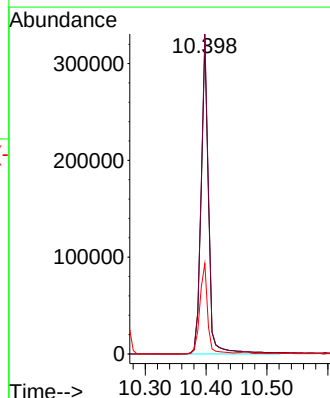
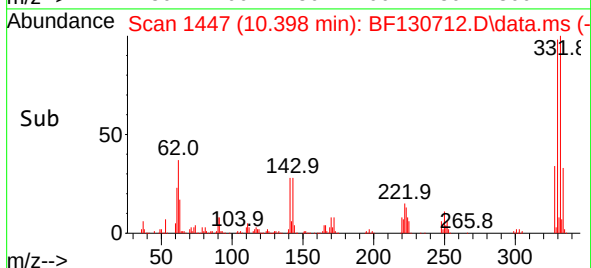
10/20/2022

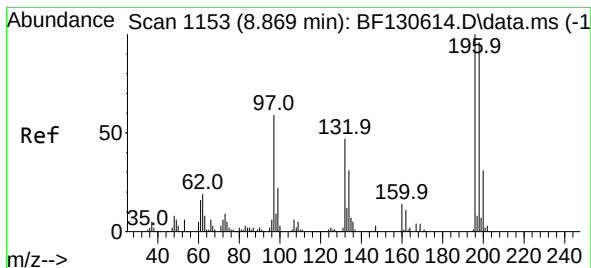


#42
2,4,6-Tribromophenol
Concen: 151.474 ng
RT: 10.398 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



Tgt Ion:330 Resp: 275366
Ion Ratio Lower Upper
330 100
332 102.7 84.2 126.4
141 30.0 26.8 40.2





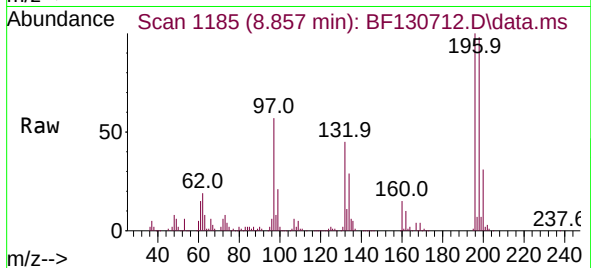
#43
2,4,6-Trichlorophenol
Concen: 43.957 ng
RT: 8.857 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS



Tgt Ion:196 Resp: 148776
Ion Ratio Lower Upper
196 100
198 97.7 76.6 115.0
200 31.2 25.0 37.6

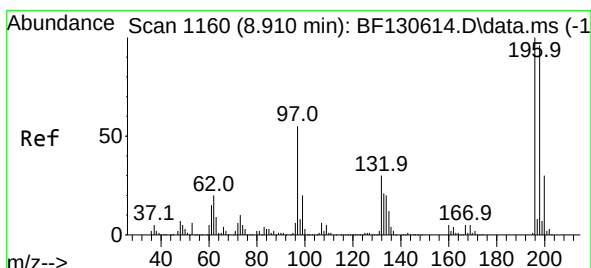
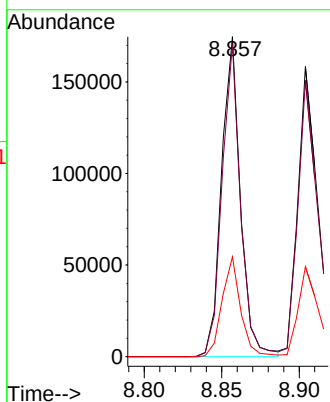
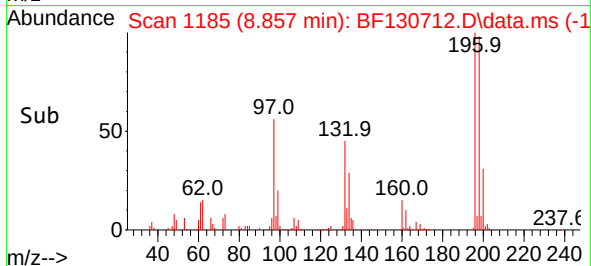
Manual Integrations
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Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

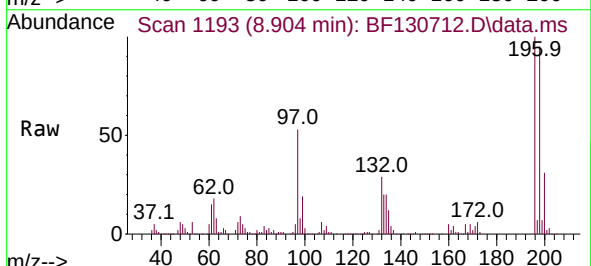
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ahmed

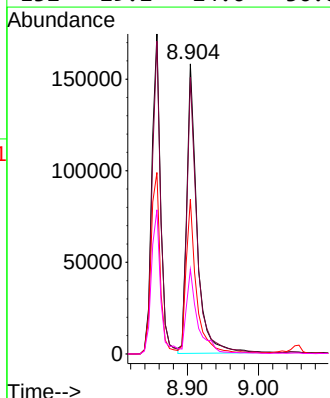
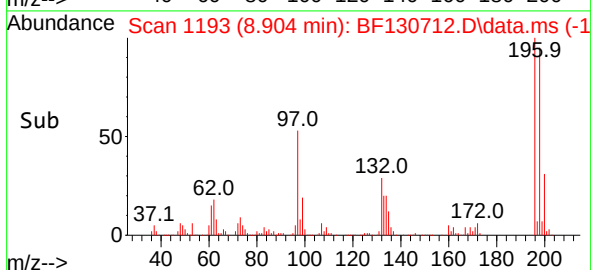
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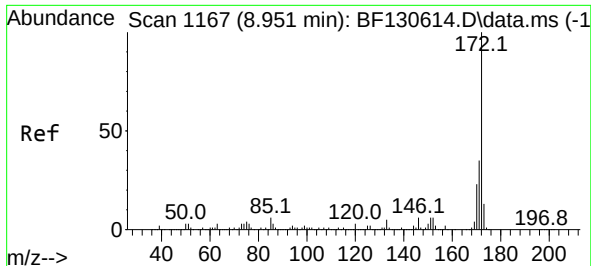


#44
2,4,5-Trichlorophenol
Concen: 42.651 ng
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



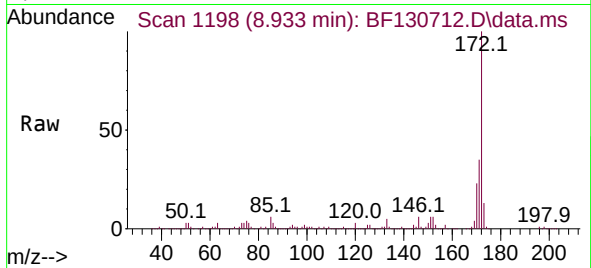
Tgt Ion:196 Resp: 158748
Ion Ratio Lower Upper
196 100
198 95.3 76.6 114.8
97 53.3 44.3 66.5
132 29.2 24.6 36.8





#45
2-Fluorobiphenyl
Concen: 83.562 ng
RT: 8.933 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



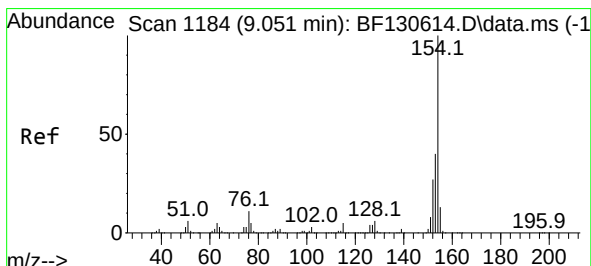
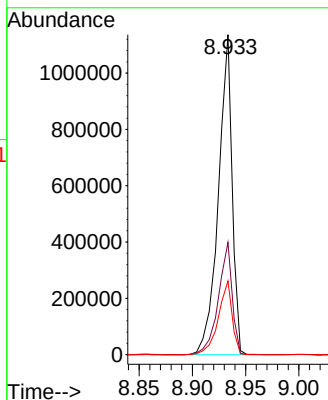
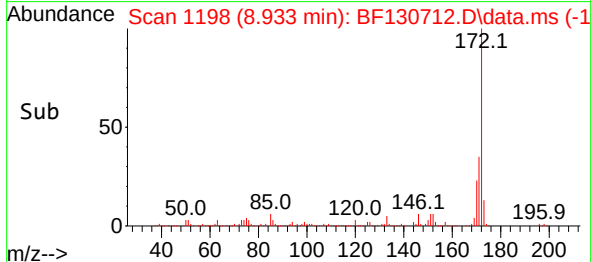
Tgt Ion:172 Resp: 1024904
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.0 18.6 27.8

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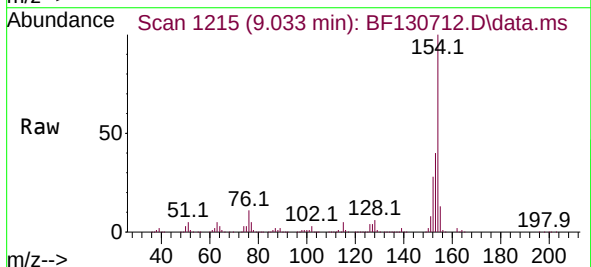
Reviewed By :Christian Giraldo 10/20/2022
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ahmed

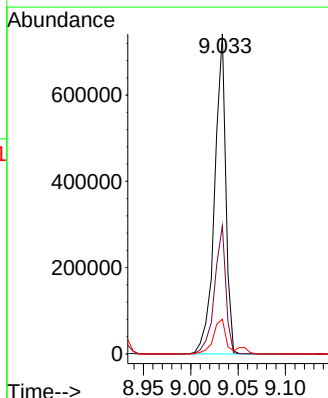
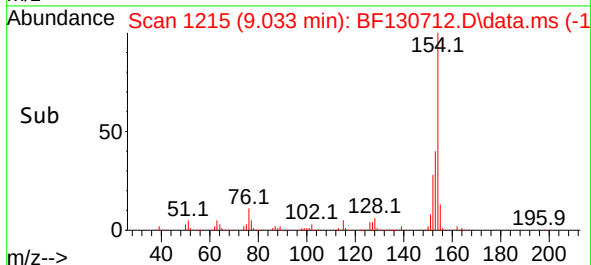
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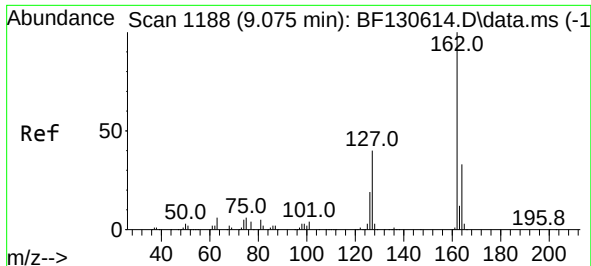


#46
1,1'-Biphenyl
Concen: 45.191 ng
RT: 9.033 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



Tgt Ion:154 Resp: 608463
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 43.560 ng

RT: 9.057 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:162 Resp: 47934
 Ion Ratio Lower Upper
 162 100
 127 40.4 32.6 49.0
 164 33.5 26.3 39.5

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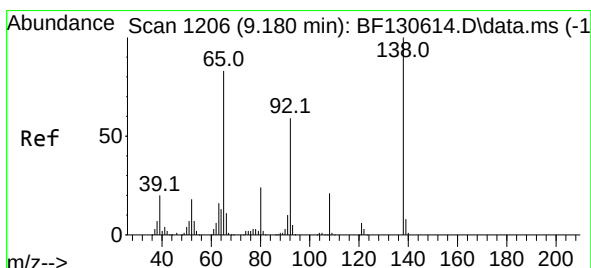
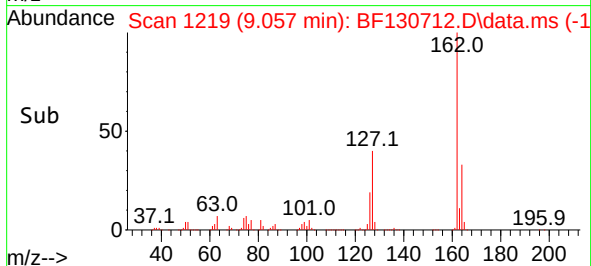
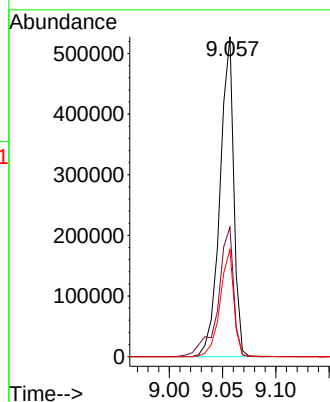
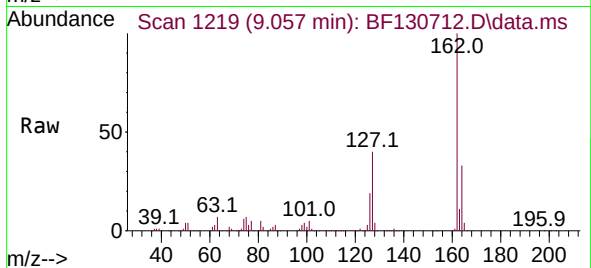
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Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022

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 ahmed

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#48

2-Nitroaniline

Concen: 44.709 ng

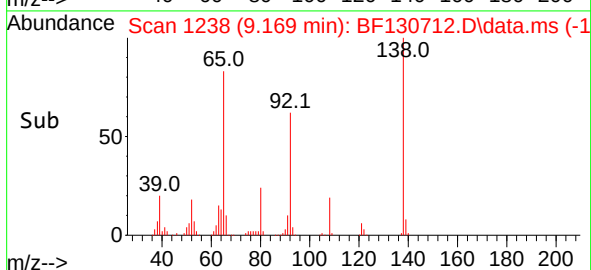
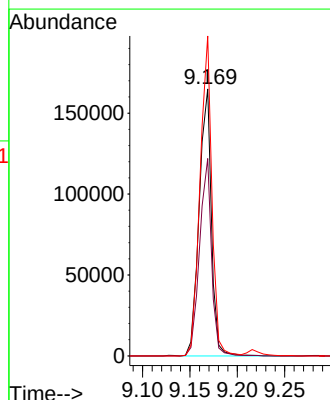
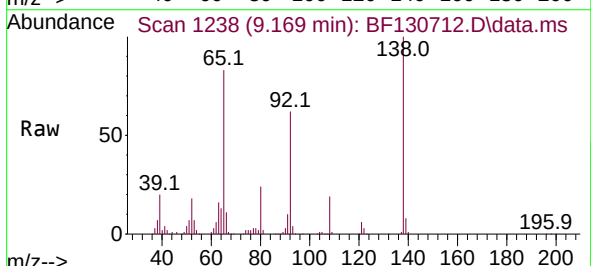
RT: 9.169 min Scan# 1238

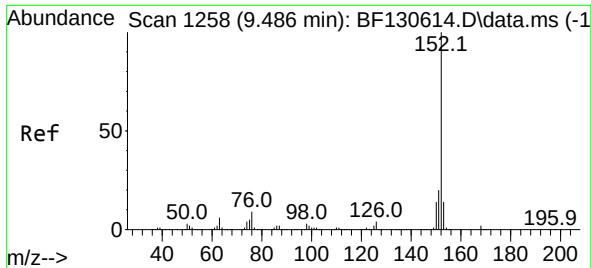
Delta R.T. -0.000 min

Lab File: BF130712.D

Acq: 19 Oct 2022 15:52

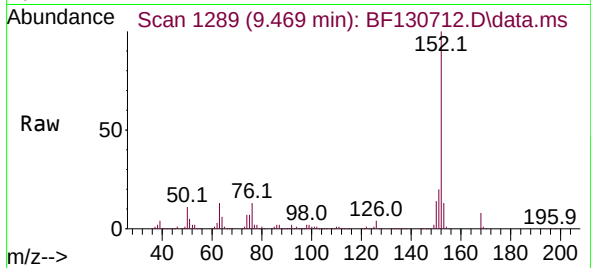
Tgt Ion: 65 Resp: 148102
 Ion Ratio Lower Upper
 65 100
 92 73.9 57.4 86.0
 138 119.9 96.7 145.1





#49
Acenaphthylene
Concen: 44.091 ng
RT: 9.469 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



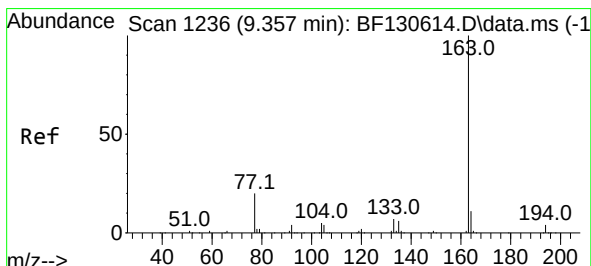
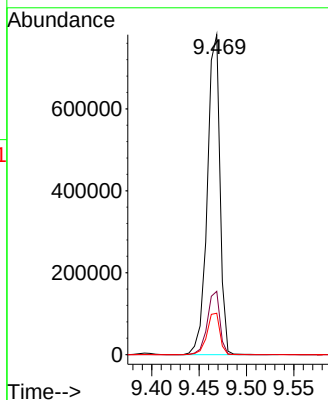
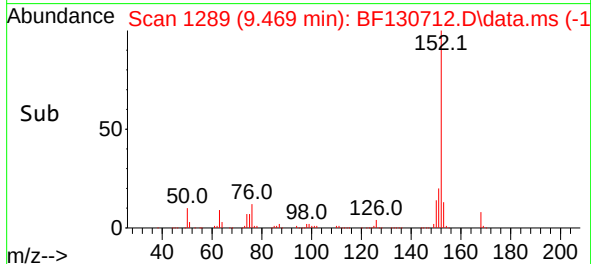
Tgt Ion:152 Resp: 726983
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.9 10.8 16.2

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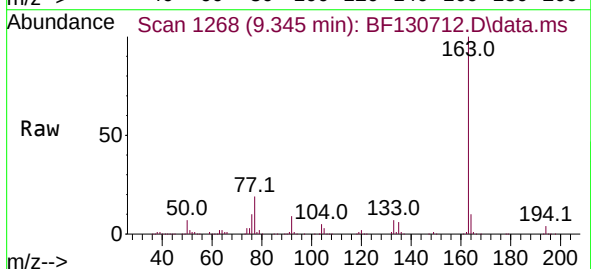
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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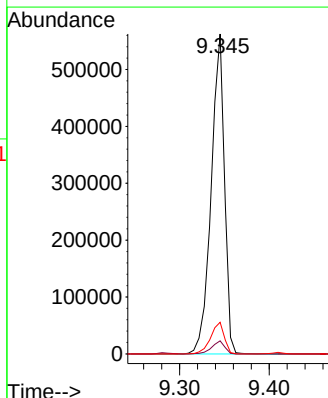
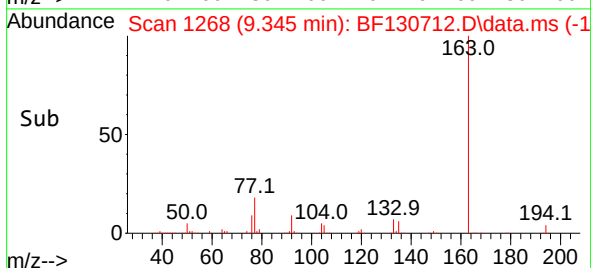
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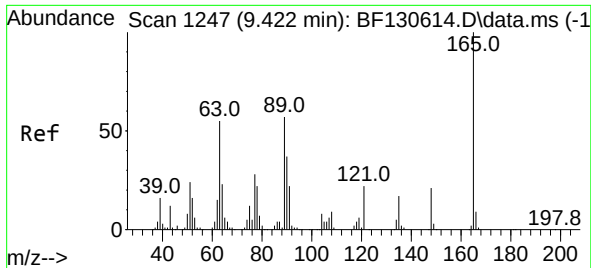


#50
Dimethylphthalate
Concen: 45.019 ng
RT: 9.345 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



Tgt Ion:163 Resp: 578978
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.410 ng
RT: 9.410 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

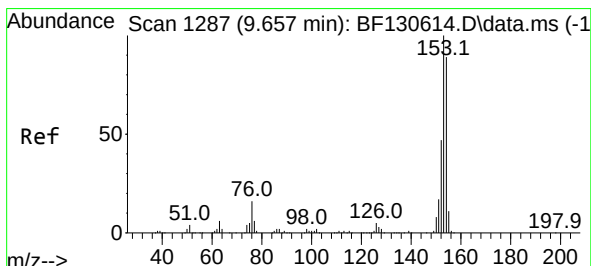
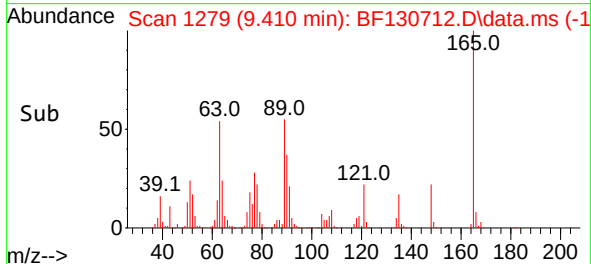
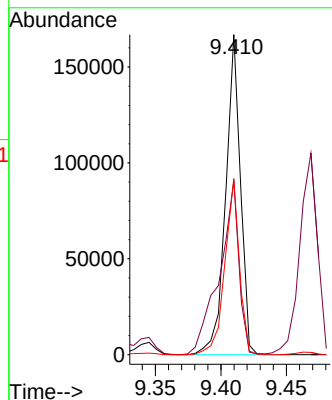
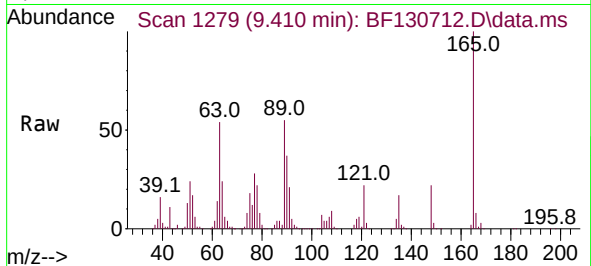
Tgt Ion:165 Resp: 130926
Ion Ratio Lower Upper
165 100
63 54.3 45.3 67.9
89 55.0 45.6 68.4

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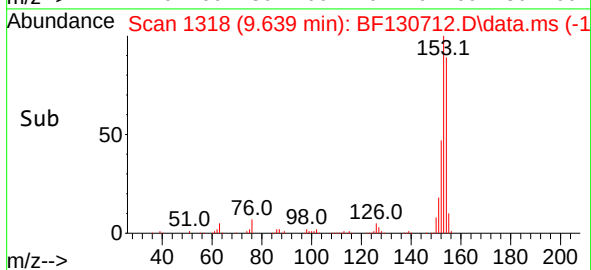
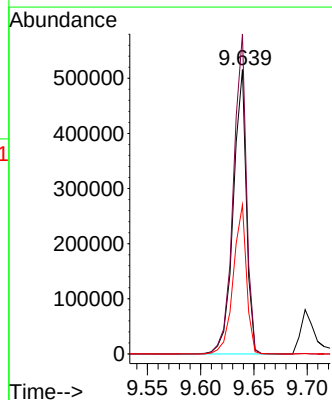
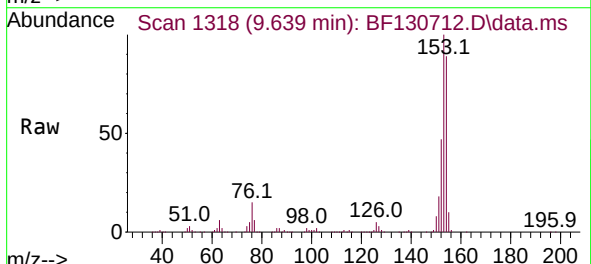
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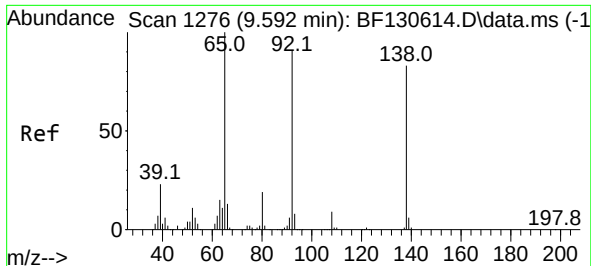
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#52
Acenaphthene
Concen: 44.251 ng
RT: 9.639 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

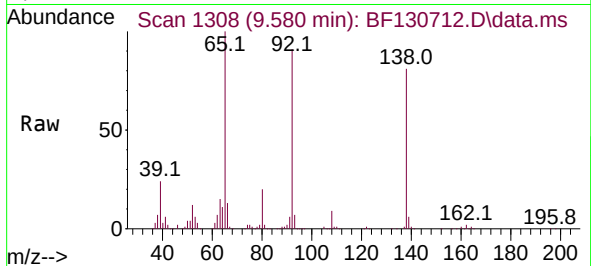
Tgt Ion:154 Resp: 442051
Ion Ratio Lower Upper
154 100
153 112.6 89.6 134.4
152 52.4 42.4 63.6





#53
3-Nitroaniline
Concen: 36.290 ng
RT: 9.580 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



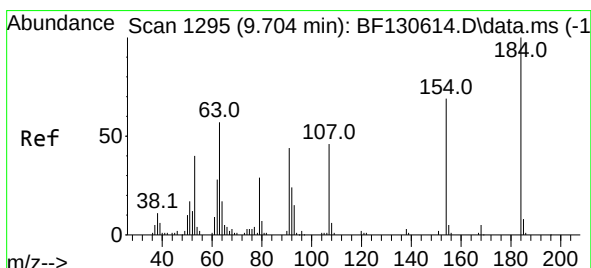
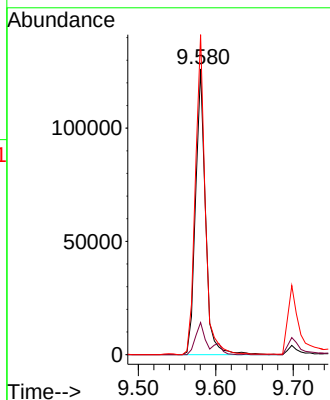
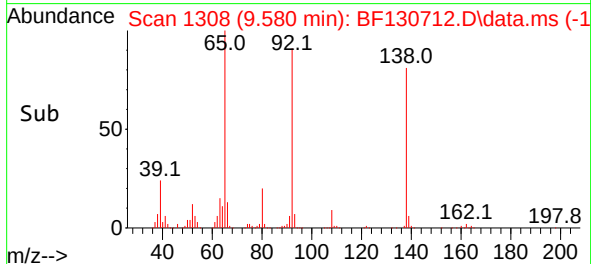
Tgt Ion:138 Resp: 112223
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 112.0 88.2 132.4

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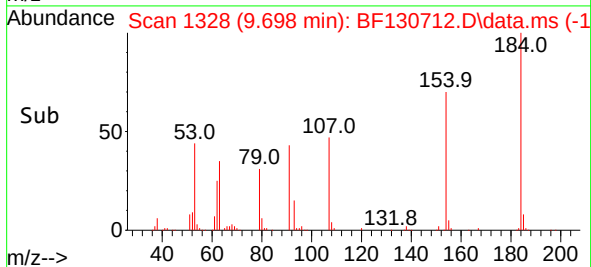
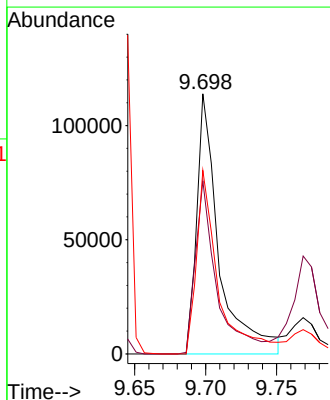
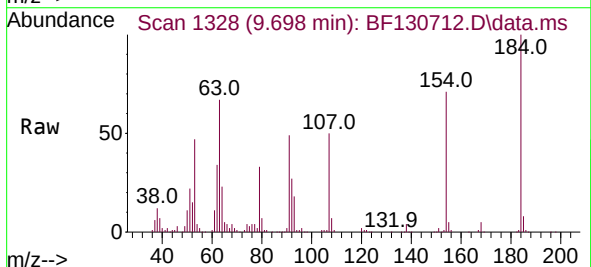
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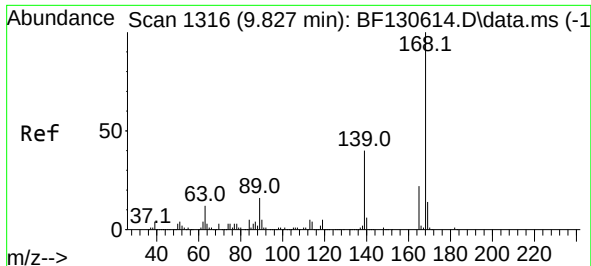
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#54
2,4-Dinitrophenol
Concen: 86.251 ng
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion:184 Resp: 124585
Ion Ratio Lower Upper
184 100
63 66.5 45.5 68.3
154 70.5 55.1 82.7





#55
Dibenzenofuran
Concen: 44.621 ng
RT: 9.810 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:168 Resp: 679041
Ion Ratio Lower Upper
168 100
139 41.6 33.0 49.4
169 13.8 10.9 16.3

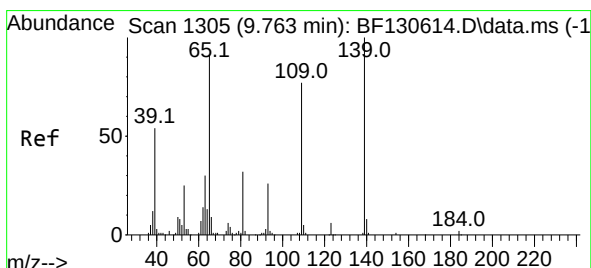
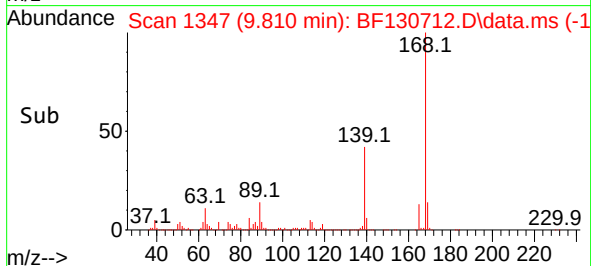
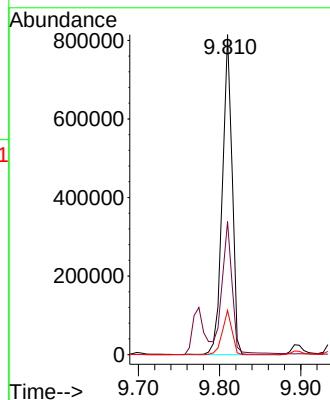
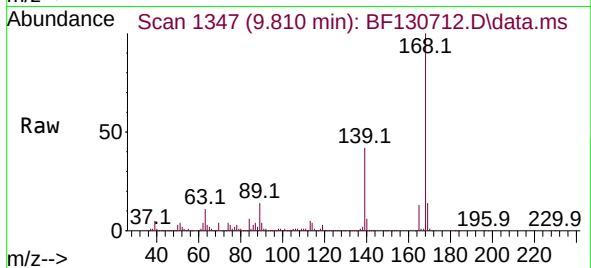
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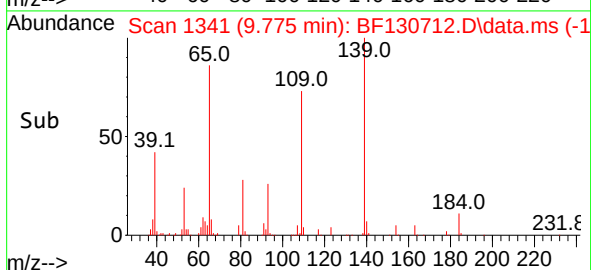
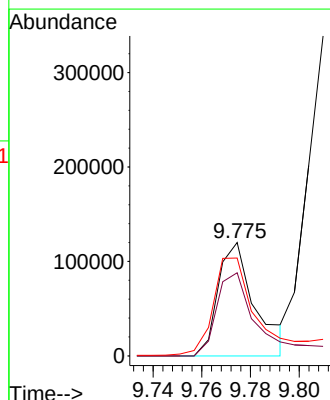
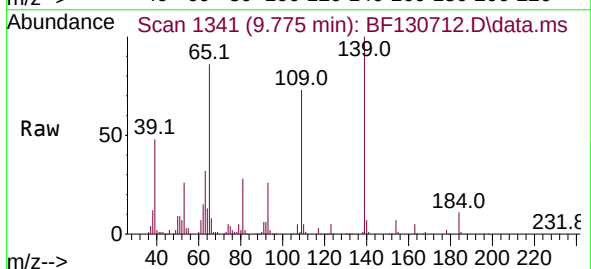
Supervised By :mohammad
ahmed

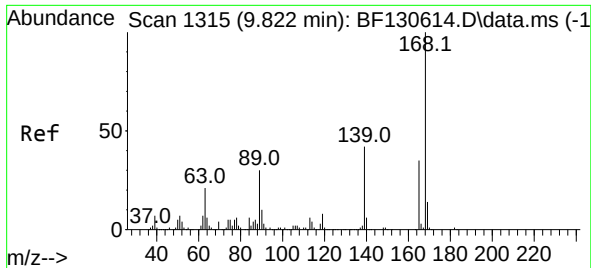
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#56
4-Nitrophenol
Concen: 74.236 ng
RT: 9.775 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion:139 Resp: 126577
Ion Ratio Lower Upper
139 100
109 73.4 57.4 97.4
65 86.3 71.3 111.3





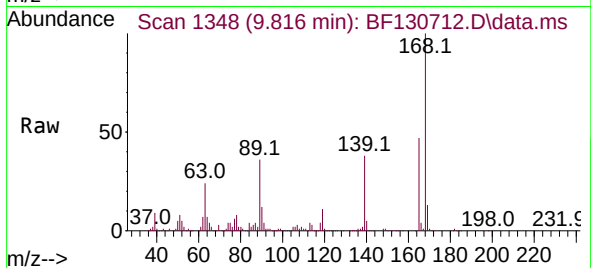
#57
2,4-Dinitrotoluene
Concen: 48.247 ng
RT: 9.816 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS



Tgt Ion:165 Resp: 174929
Ion Ratio Lower Upper
165 100
63 49.6 50.6 76.0
89 75.1 68.6 102.8
182 2.6 2.0 3.0

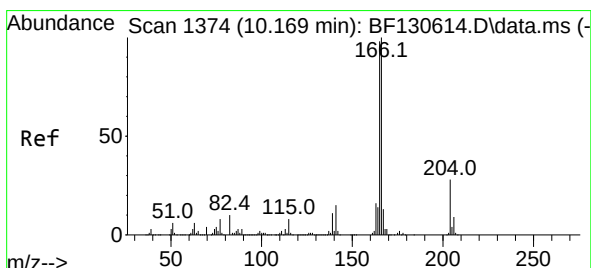
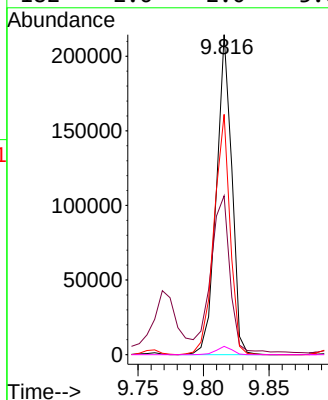
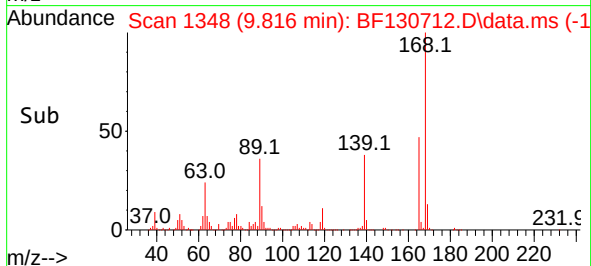
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Supervised By :mohammad ahmed 10/20/2022

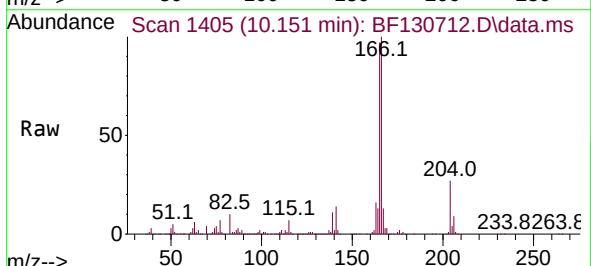
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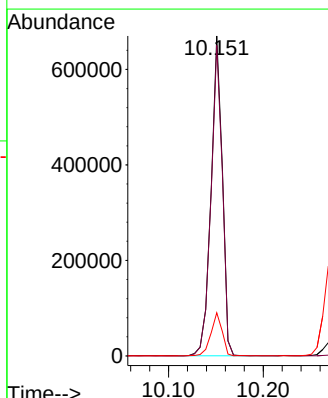
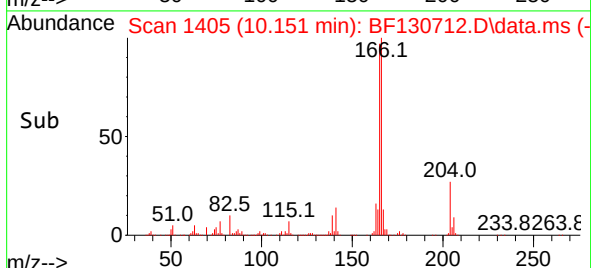
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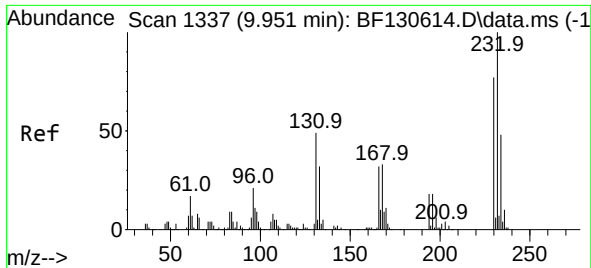


#58
Fluorene
Concen: 44.378 ng
RT: 10.151 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



Tgt Ion:166 Resp: 555227
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.021 ng
RT: 9.939 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:232 Resp: 124691
Ion Ratio Lower Upper
232 100
131 48.3 41.4 62.0
130 2.8 2.1 3.1
166 31.7 26.0 39.0

Manual Integrations

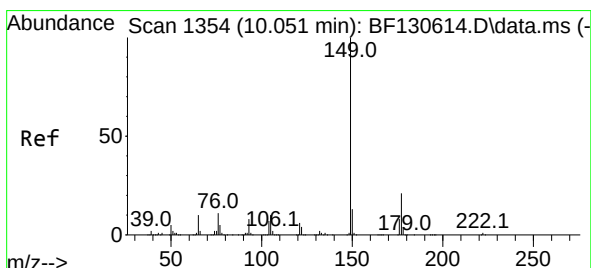
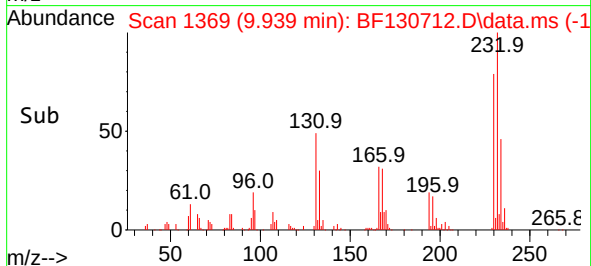
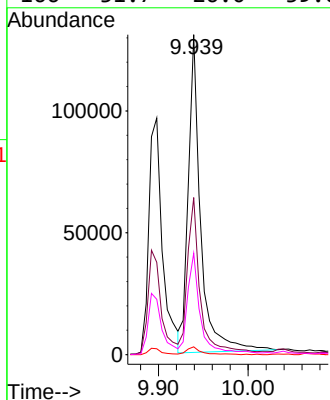
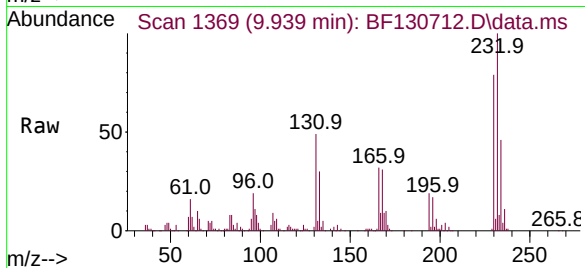
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Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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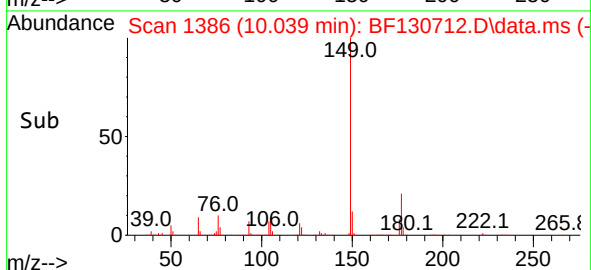
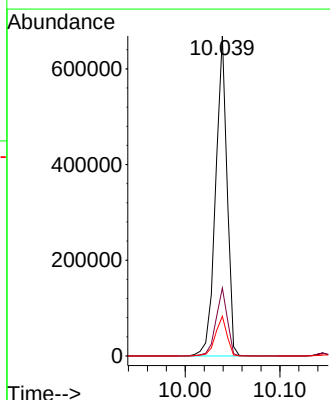
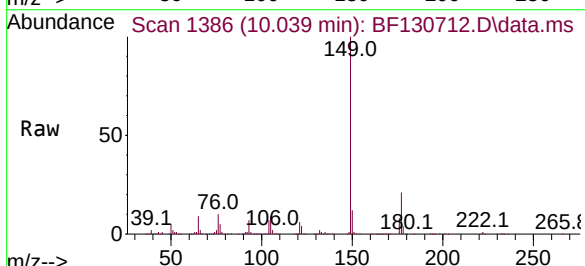
Supervised By :mohammad
ahmed

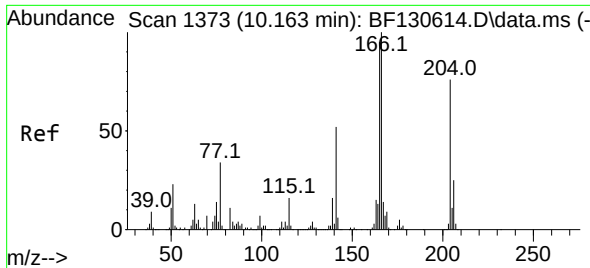
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#60
Diethylphthalate
Concen: 43.584 ng
RT: 10.039 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

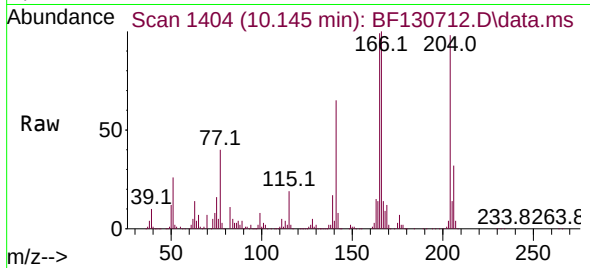
Tgt Ion:149 Resp: 559255
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.4 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 45.208 ng
RT: 10.145 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



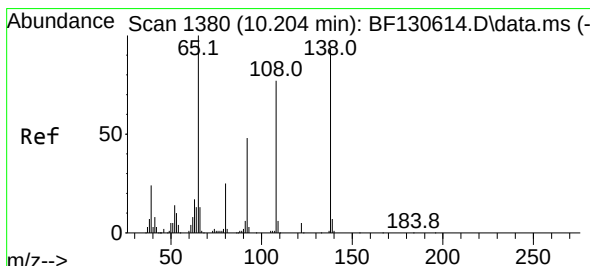
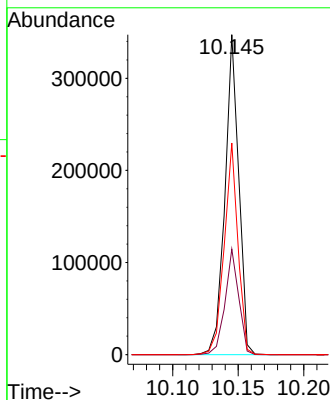
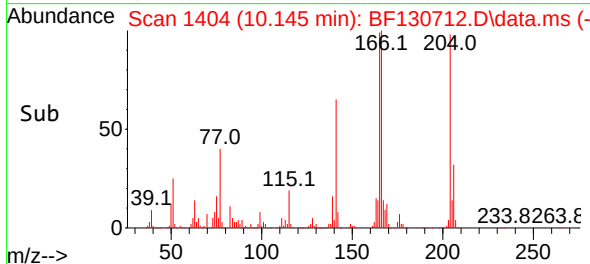
Tgt Ion:204 Resp: 255713
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 66.1 54.6 81.8

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Supervised By :mohammad ahmed 10/20/2022

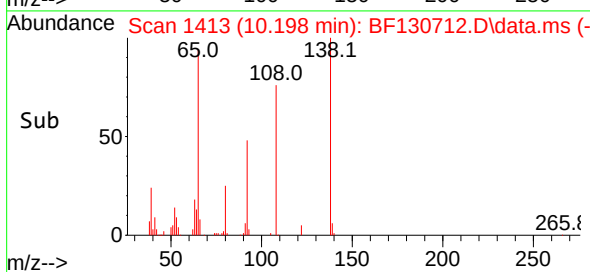
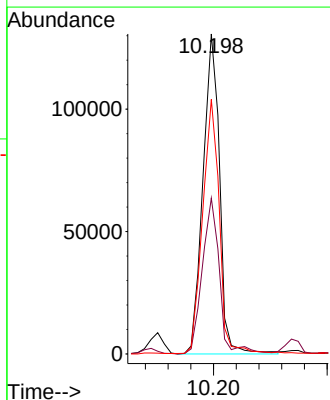
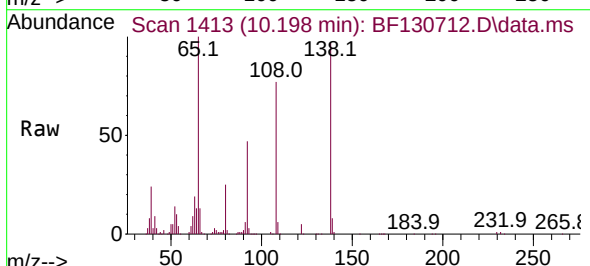
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ahmed

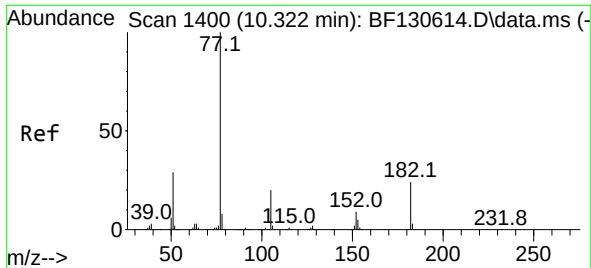
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#62
4-Nitroaniline
Concen: 44.926 ng
RT: 10.198 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

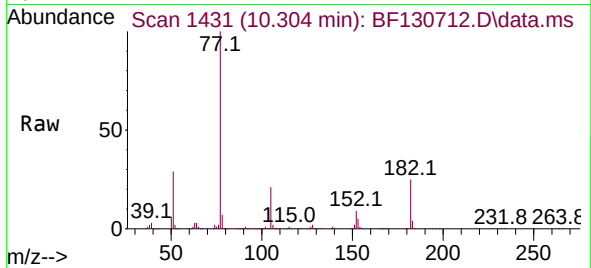
Tgt Ion:138 Resp: 132643
Ion Ratio Lower Upper
138 100
92 48.7 31.1 71.1
108 79.5 62.1 102.1





#63
Azobenzene
Concen: 42.223 ng
RT: 10.304 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



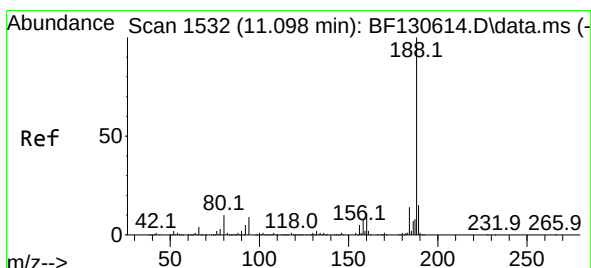
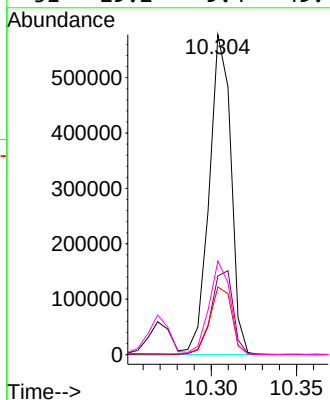
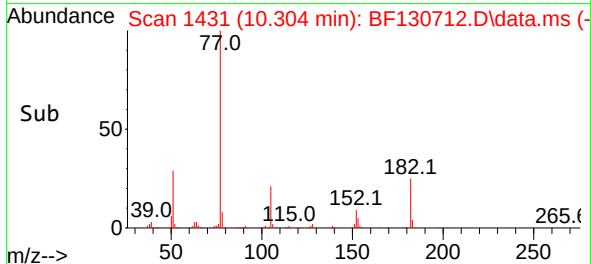
Tgt Ion: 77 Resp: 510295
Ion Ratio Lower Upper
77 100
182 24.6 3.8 43.8
105 21.1 0.3 40.3
51 29.2 9.4 49.4

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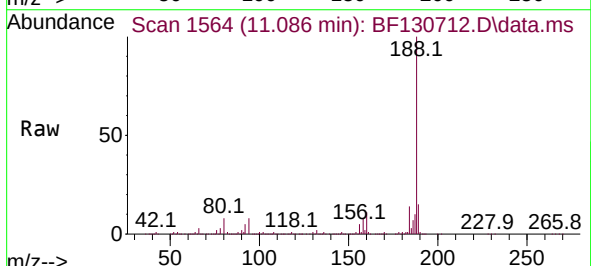
Reviewed By :Christian Giraldo 10/20/2022
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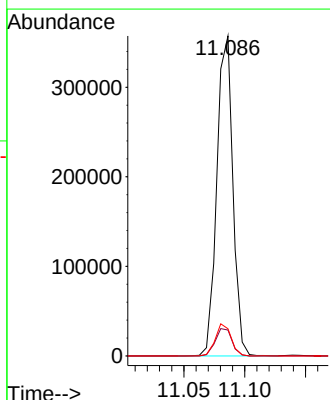
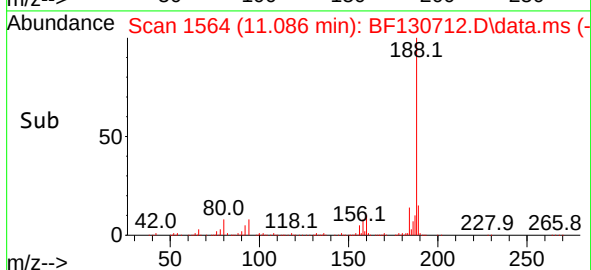
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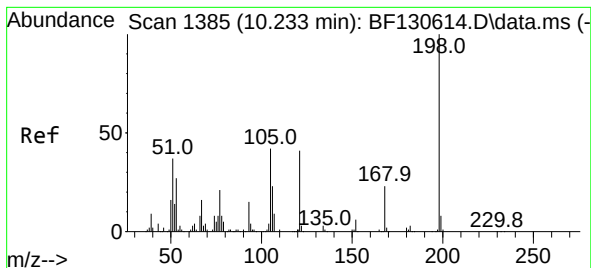


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



Tgt Ion:188 Resp: 327378
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.5 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 44.995 ng
RT: 10.227 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS

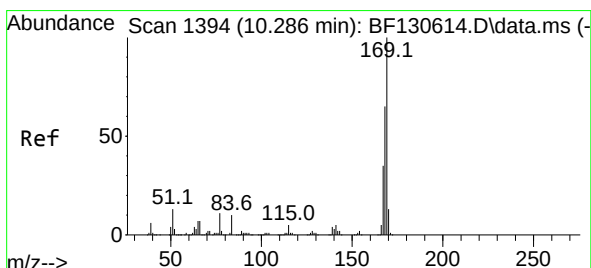
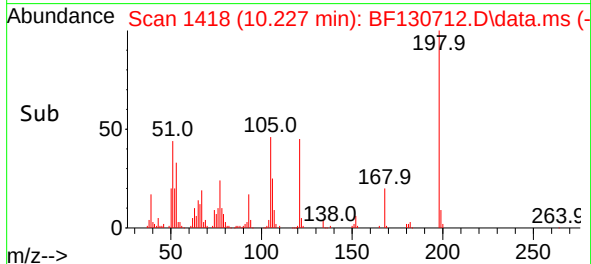
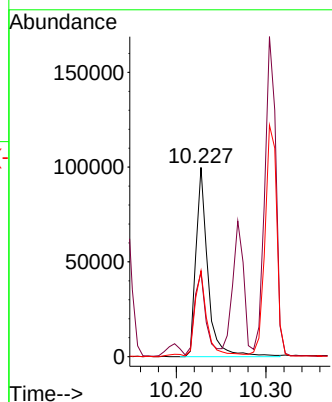
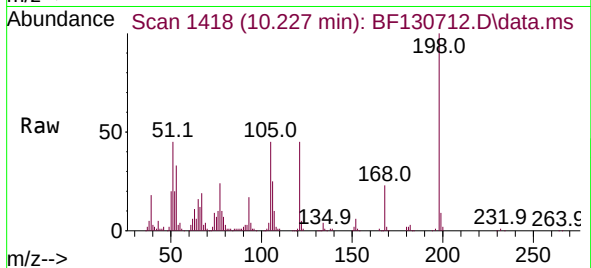
Tgt Ion:198 Resp: 92054
Ion Ratio Lower Upper
198 100
51 44.6 18.7 58.7
105 45.4 22.0 62.0

Manual Integrations
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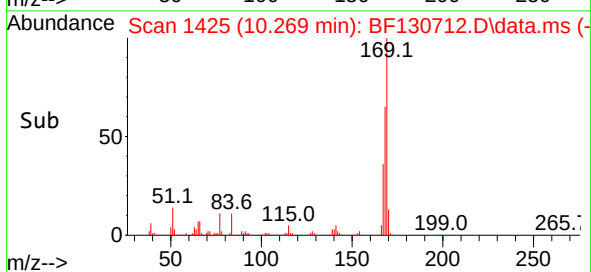
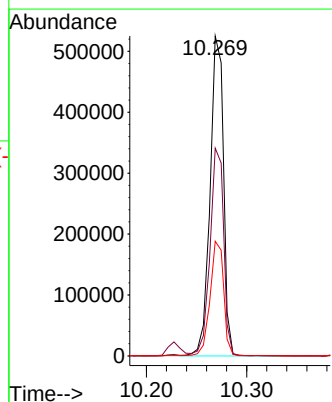
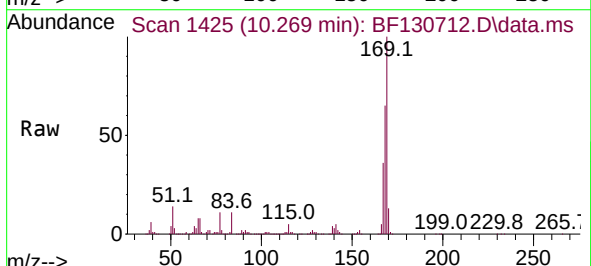
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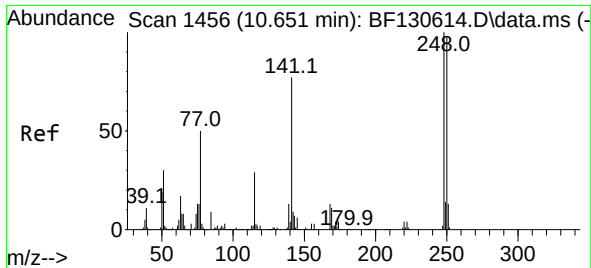
10/20/2022



#66
n-Nitrosodiphenylamine
Concen: 44.686 ng
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

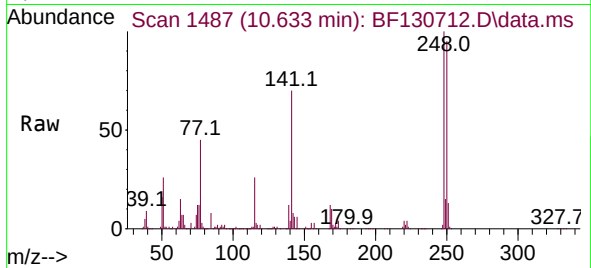
Tgt Ion:169 Resp: 486624
Ion Ratio Lower Upper
169 100
168 64.9 52.2 78.4
167 35.8 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 46.022 ng
RT: 10.633 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



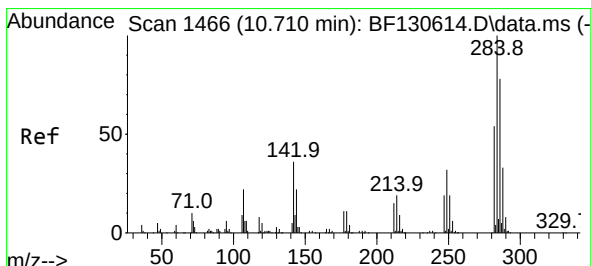
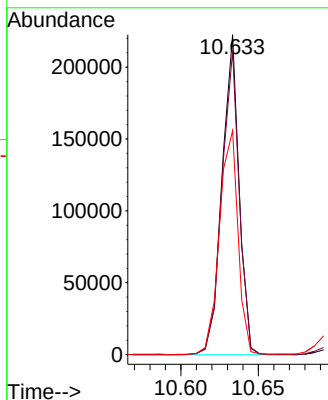
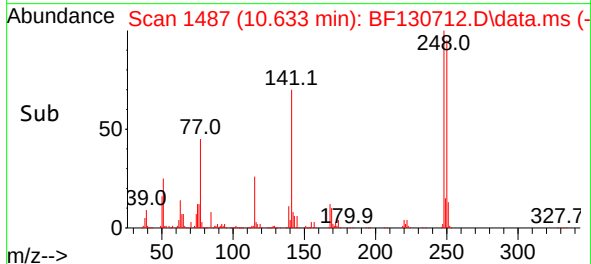
Tgt Ion:248 Resp: 170476
Ion Ratio Lower Upper
248 100
250 94.8 78.7 118.1
141 70.0 61.6 92.4

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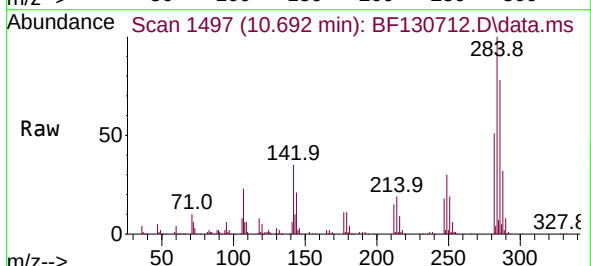
Reviewed By :Christian Giraldo 10/20/2022
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ahmed

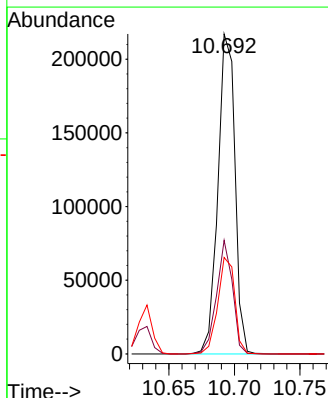
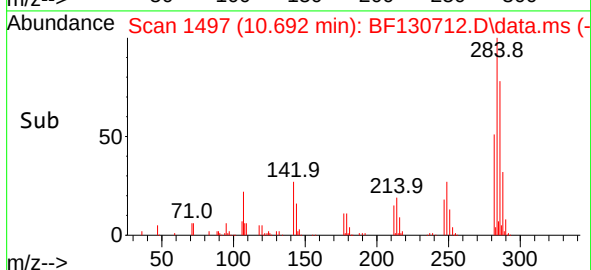
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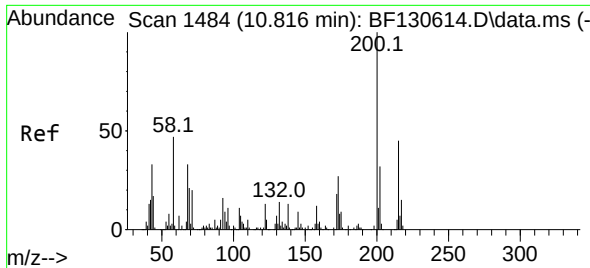


#68
Hexachlorobenzene
Concen: 47.004 ng
RT: 10.692 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



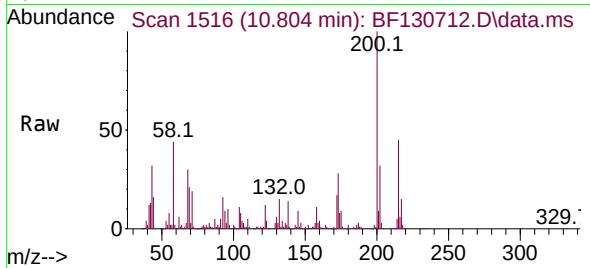
Tgt Ion:284 Resp: 196825
Ion Ratio Lower Upper
284 100
142 35.5 28.6 42.8
249 30.2 25.2 37.8





#69
Atrazine
Concen: 54.900 ng
RT: 10.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



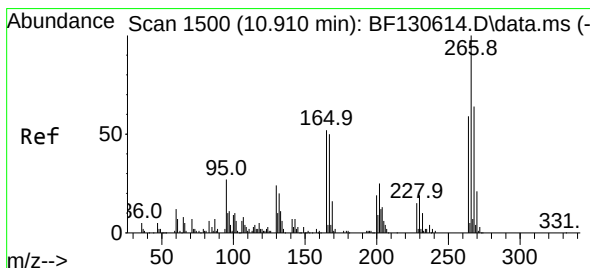
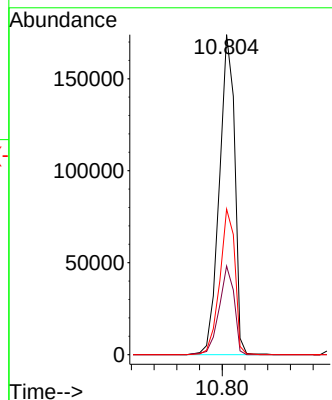
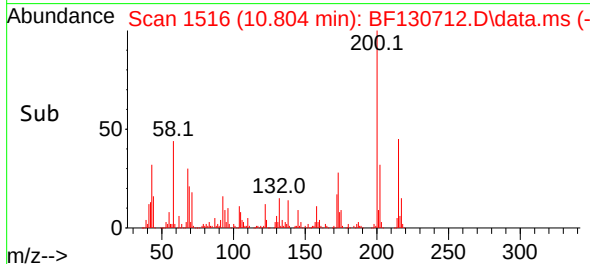
Tgt Ion:200 Resp: 162800
Ion Ratio Lower Upper
200 100
173 27.7 7.1 47.1
215 45.5 24.9 64.9

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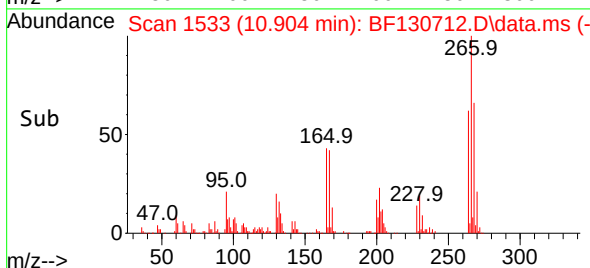
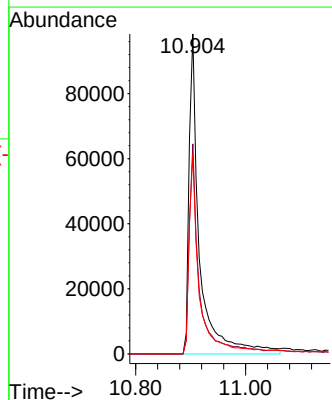
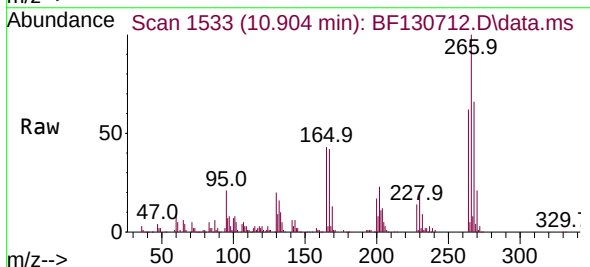
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ahmed

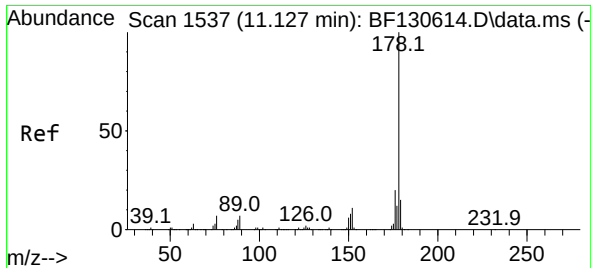
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#70
Pentachlorophenol
Concen: 80.088 ng
RT: 10.904 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

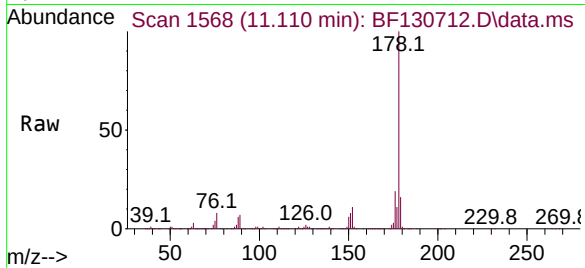
Tgt Ion:266 Resp: 130522
Ion Ratio Lower Upper
266 100
268 65.7 50.8 76.2
264 62.3 47.5 71.3





#71
Phenanthrene
Concen: 44.039 ng
RT: 11.110 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



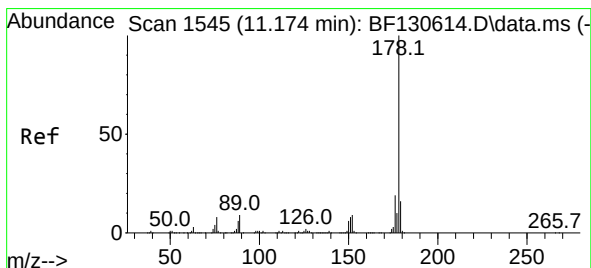
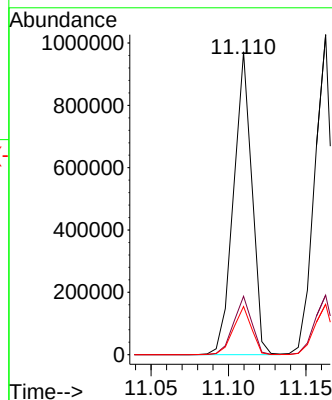
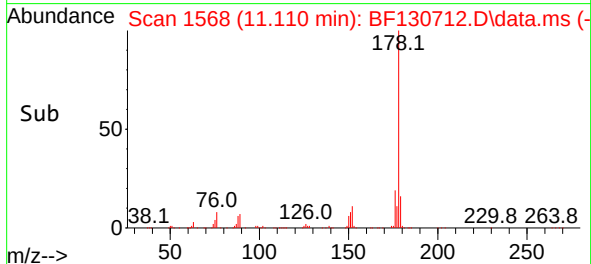
Tgt Ion:178 Resp: 798779
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.9 12.2 18.4

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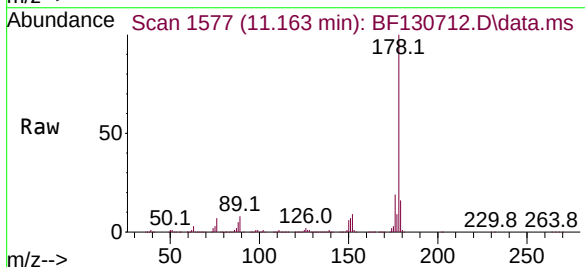
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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Supervised By :mohammad
ahmed

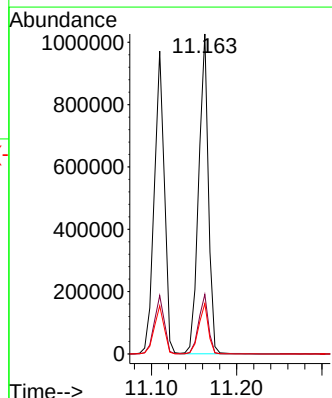
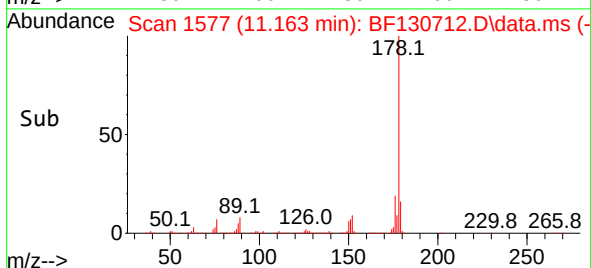
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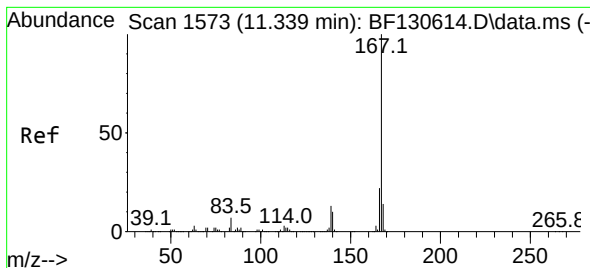


#72
Anthracene
Concen: 45.692 ng
RT: 11.163 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



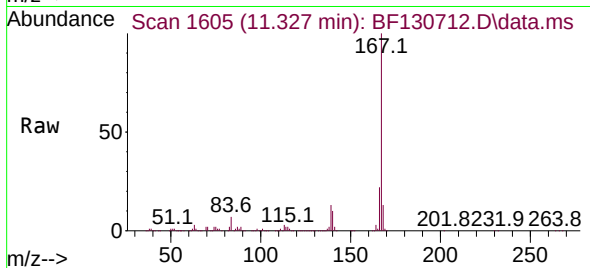
Tgt Ion:178 Resp: 809402
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.7 12.5 18.7





#73
Carbazole
Concen: 47.250 ng
RT: 11.327 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



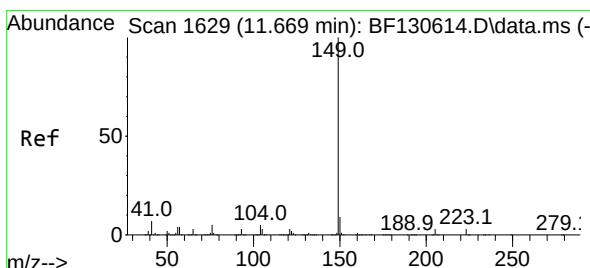
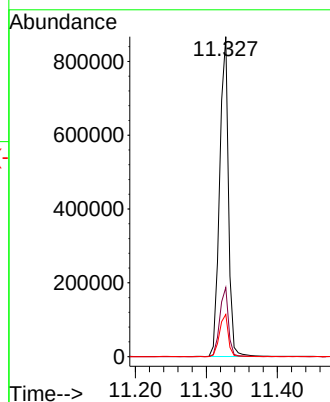
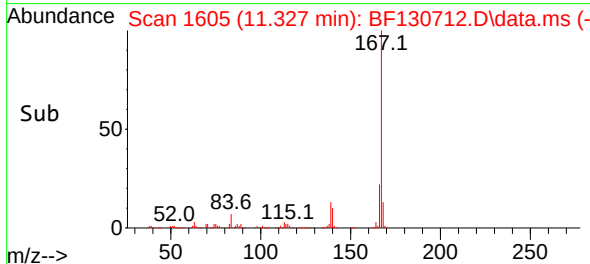
Tgt Ion:167 Resp: 746860
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 13.2 10.7 16.1

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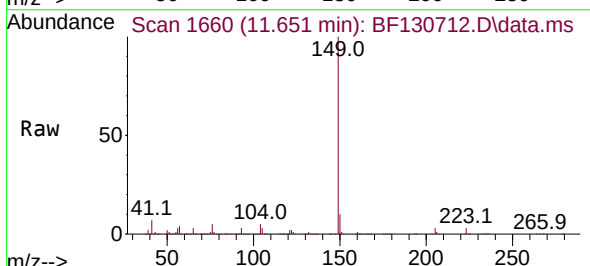
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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ahmed

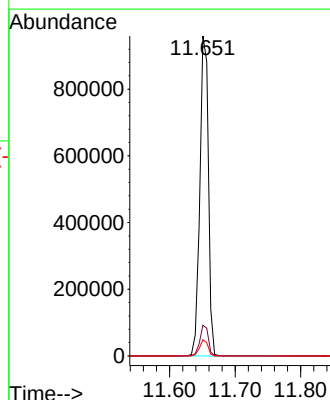
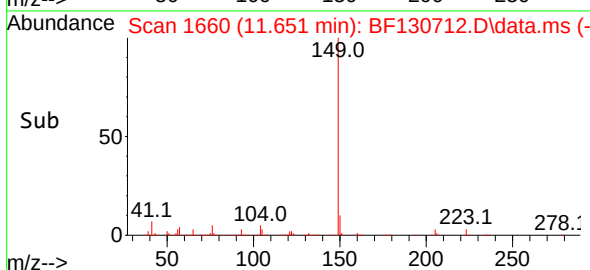
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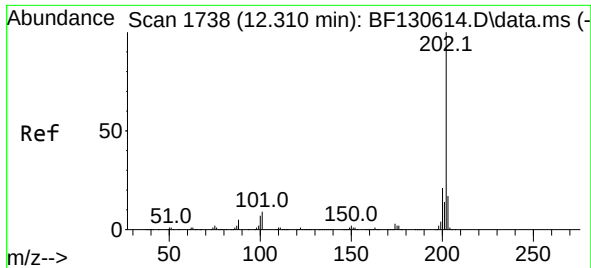


#74
Di-n-butylphthalate
Concen: 45.057 ng
RT: 11.651 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



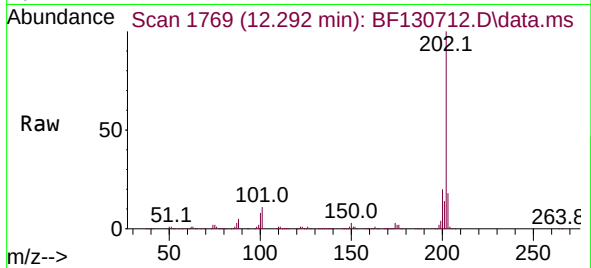
Tgt Ion:149 Resp: 862719
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 47.489 ng
RT: 12.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



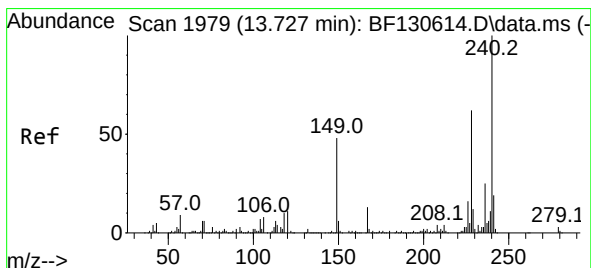
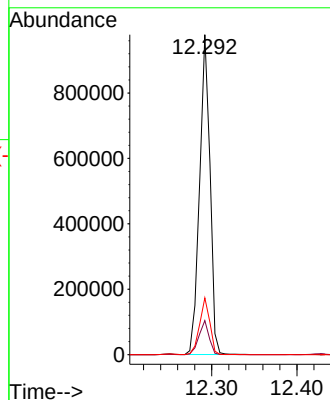
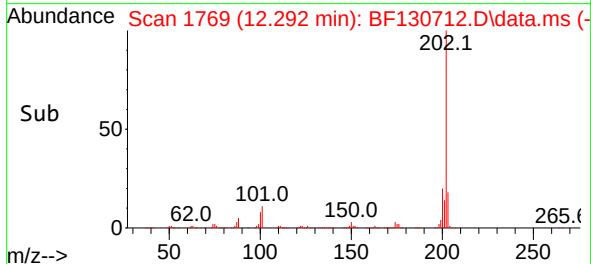
Tgt Ion:202 Resp: 82784
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.1
203 17.7 0.0 37.3

Manual Integrations
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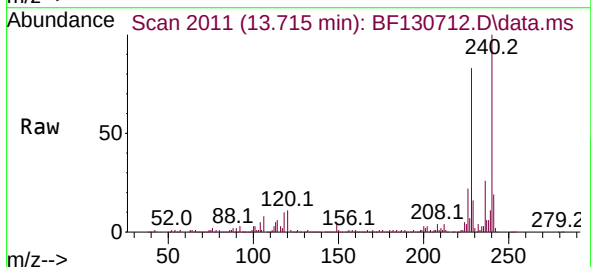
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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Supervised By :mohammad
ahmed

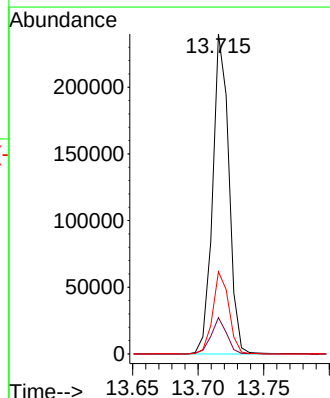
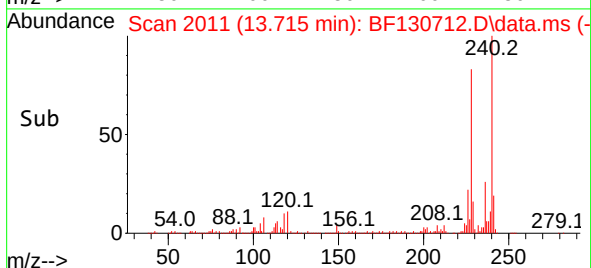
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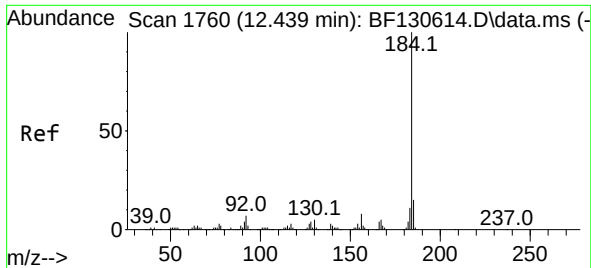


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



Tgt Ion:240 Resp: 206495
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 25.7 20.2 30.4





#77
Benzidine
Concen: 59.443 ng
RT: 12.427 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS

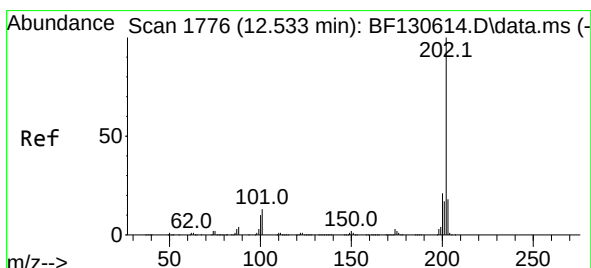
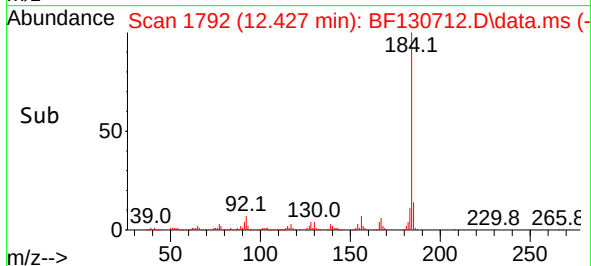
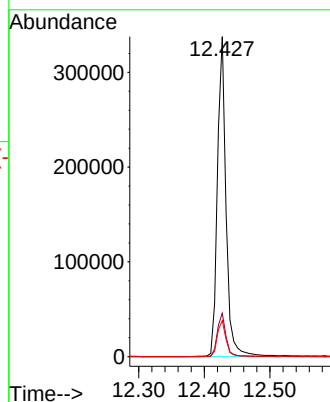
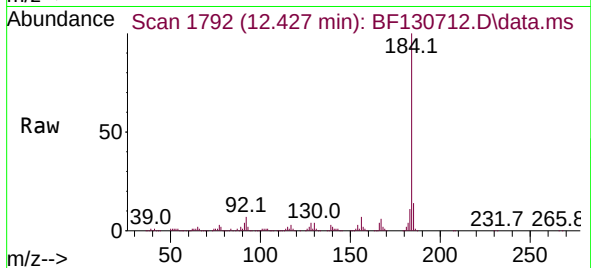
Tgt Ion:184 Resp: 310258
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 11.2 9.0 13.4

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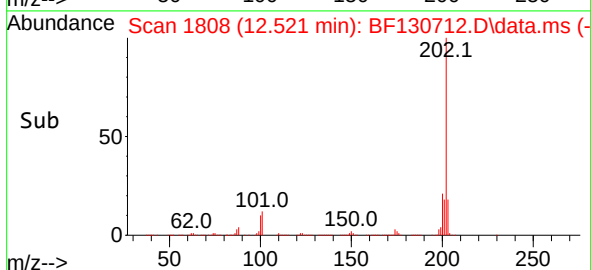
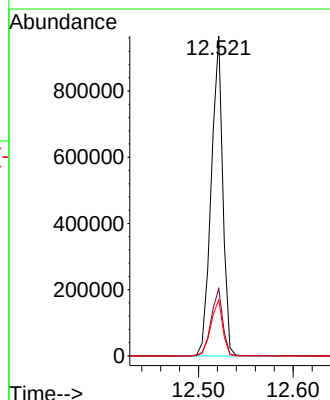
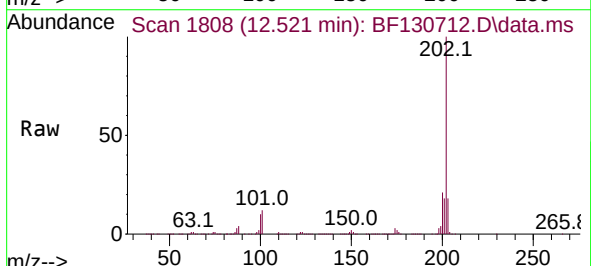
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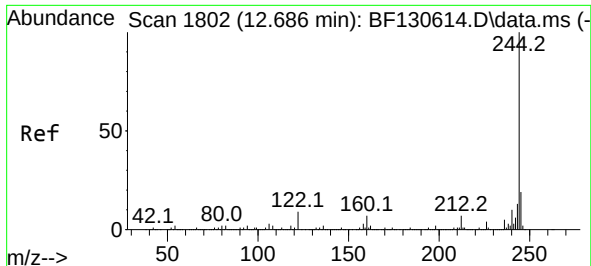
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#78
Pyrene
Concen: 46.079 ng
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

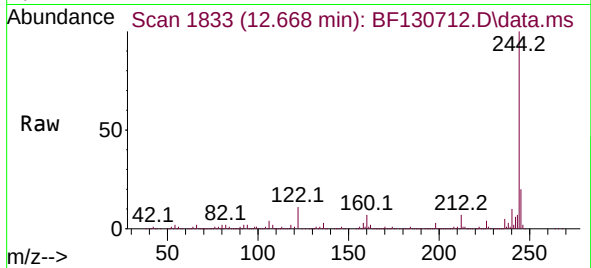
Tgt Ion:202 Resp: 820870
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.5 14.0 21.0





#79
Terphenyl-d14
Concen: 94.148 ng
RT: 12.668 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



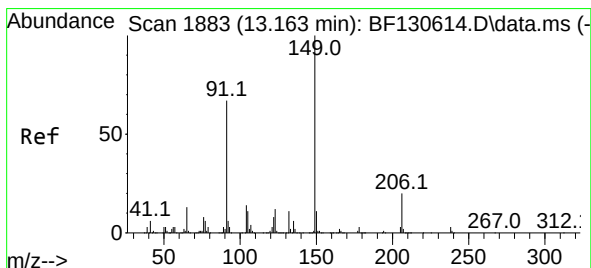
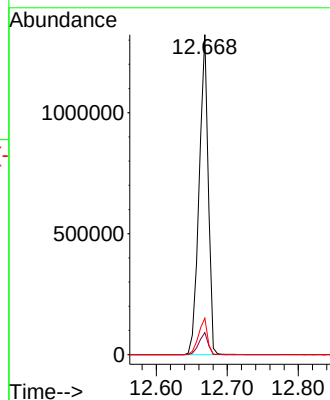
Tgt Ion:244 Resp: 1171342
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.4 7.5 11.3

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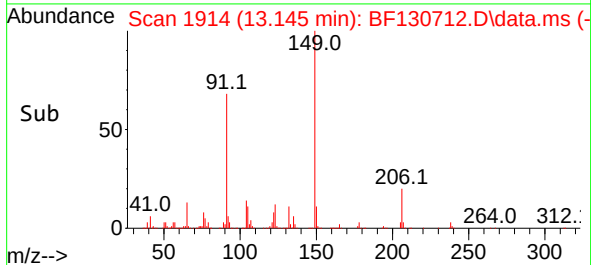
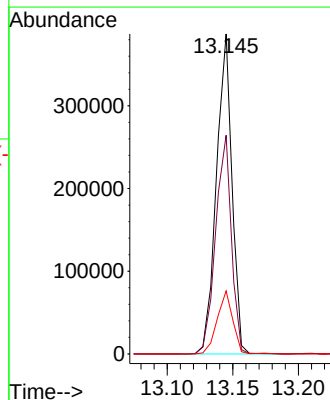
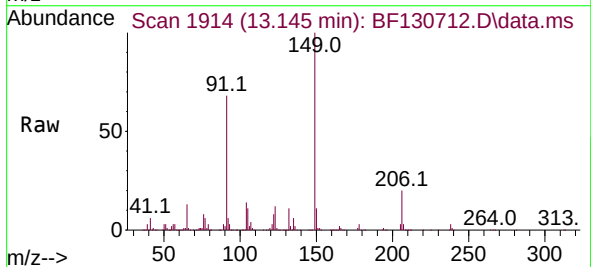
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ahmed

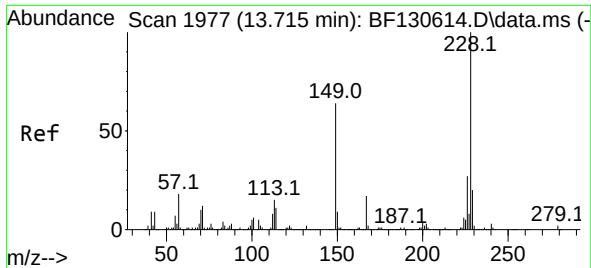
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#80
Butylbenzylphthalate
Concen: 46.796 ng
RT: 13.145 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

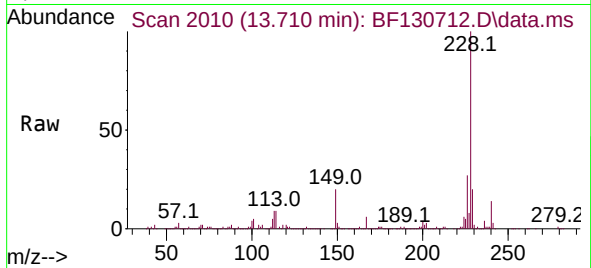
Tgt Ion:149 Resp: 320561
Ion Ratio Lower Upper
149 100
91 68.3 53.8 80.8
206 19.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 44.045 ng
RT: 13.710 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



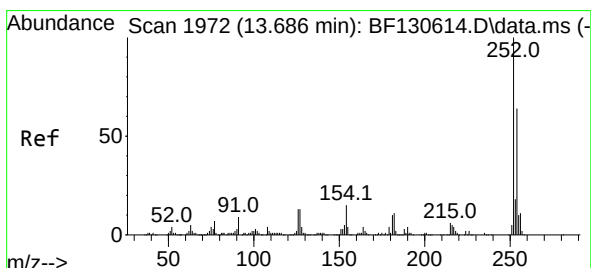
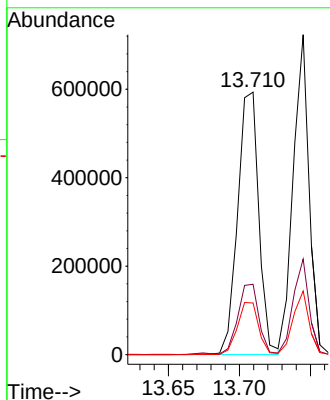
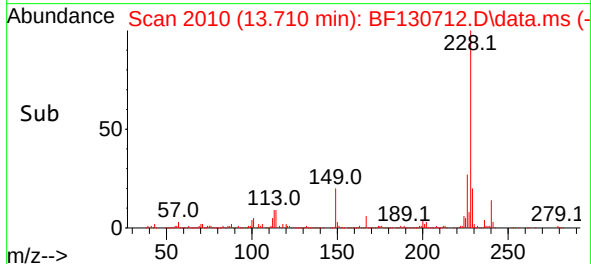
Tgt Ion:228 Resp: 612835
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.7 15.8 23.8

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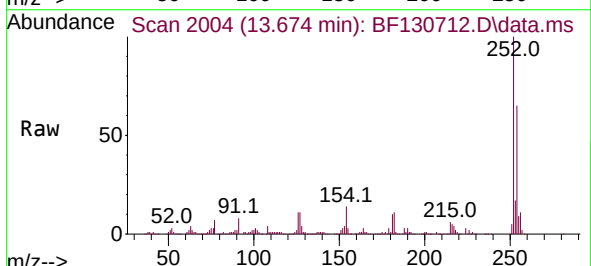
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

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ahmed

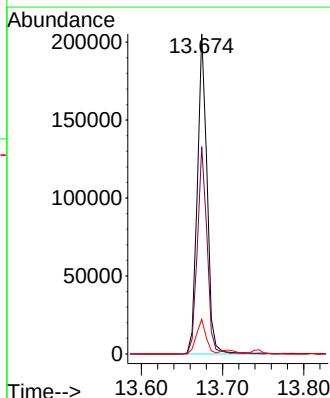
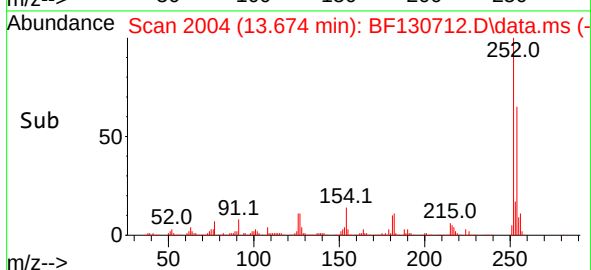
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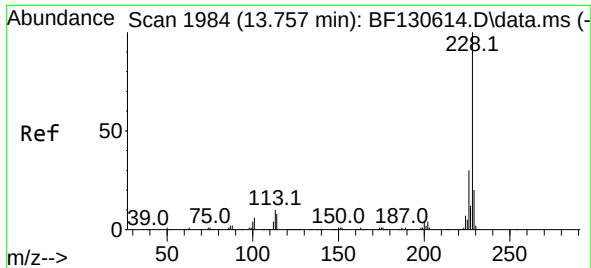


#82
3,3'-Dichlorobenzidine
Concen: 42.181 ng
RT: 13.674 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52



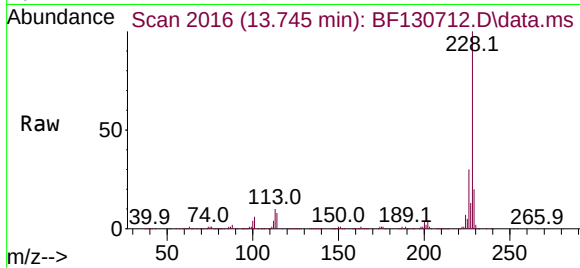
Tgt Ion:252 Resp: 169596
Ion Ratio Lower Upper
252 100
254 64.8 50.9 76.3
126 10.8 10.2 15.4





#83
Chrysene
Concen: 42.947 ng
RT: 13.745 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



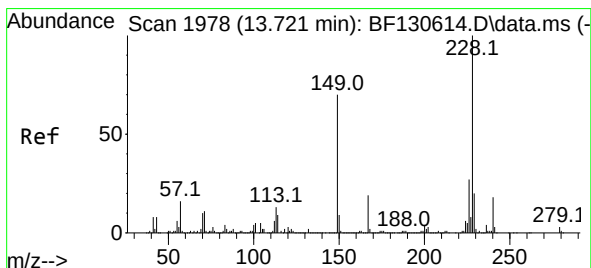
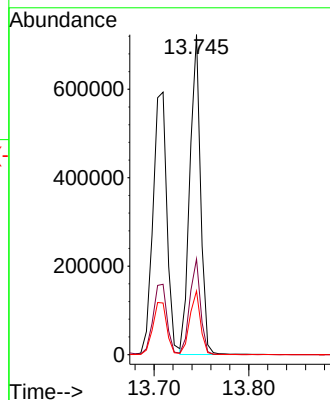
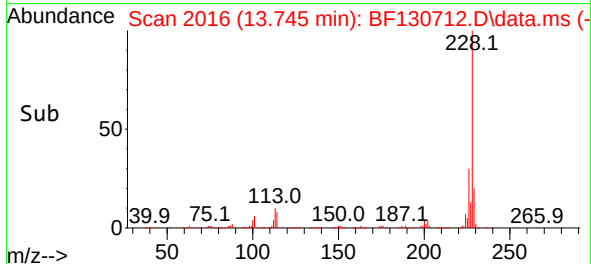
Tgt Ion:228 Resp: 566562
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.9 15.9 23.9

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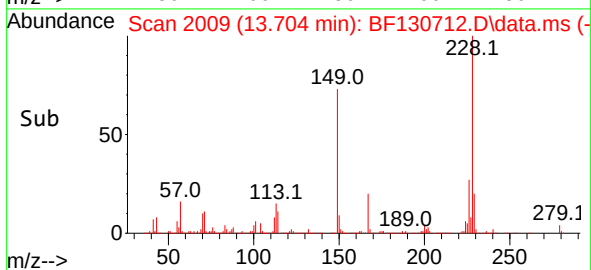
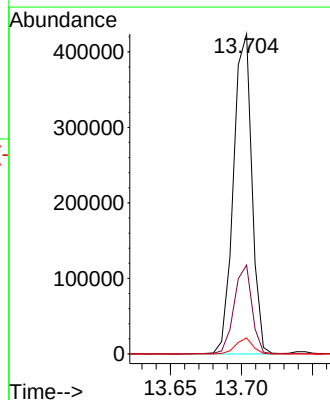
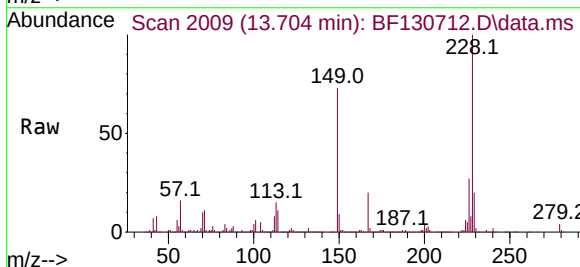
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ahmed

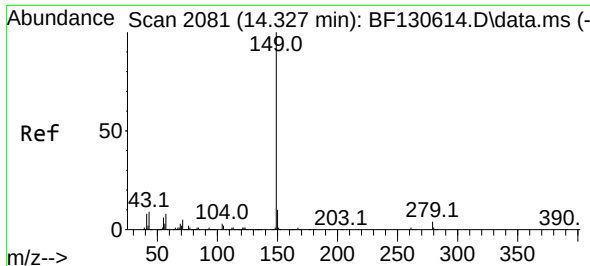
10/20/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.051 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

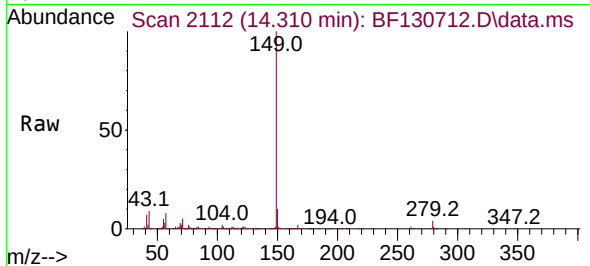
Tgt Ion:149 Resp: 382437
Ion Ratio Lower Upper
149 100
167 27.8 21.9 32.9
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 40.575 ng
RT: 14.310 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



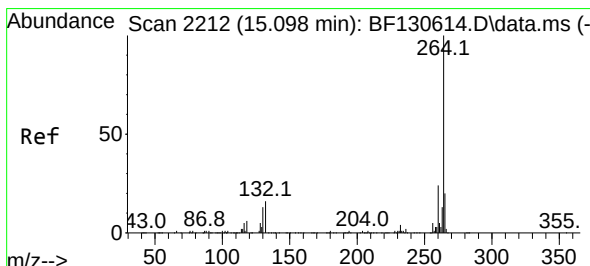
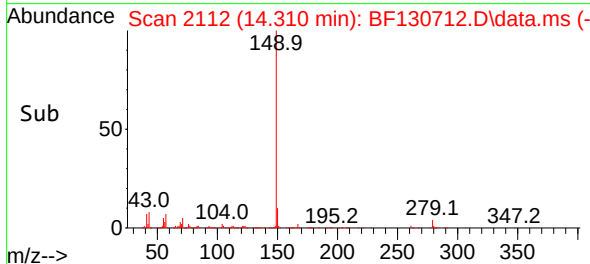
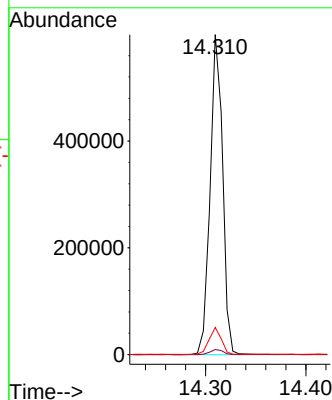
Tgt Ion:149 Resp: 516052
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.3 7.2 10.8

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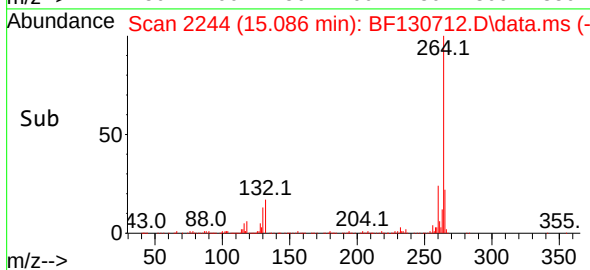
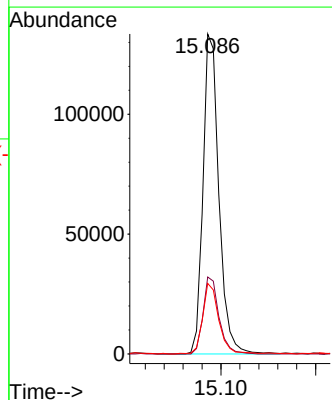
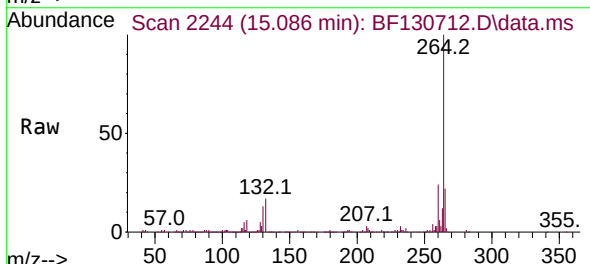
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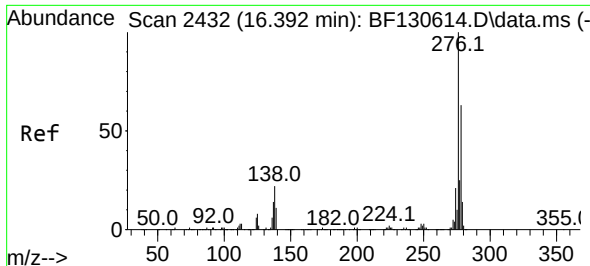
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.086 min Scan# 2244
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion:264 Resp: 155559
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.0 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.073 ng
 RT: 16.386 min Scan# 2432
 Delta R.T. 0.006 min
 Lab File: BF130712.D
 Acq: 19 Oct 2022 15:52

Instrument :

BNA_F

ClientSampleId :

PB148429BS

Tgt Ion:276 Resp: 559713
 Ion Ratio Lower Upper
 276 100
 138 22.1 18.0 27.0
 277 25.4 20.0 30.0

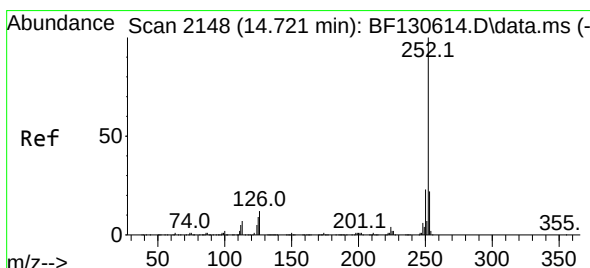
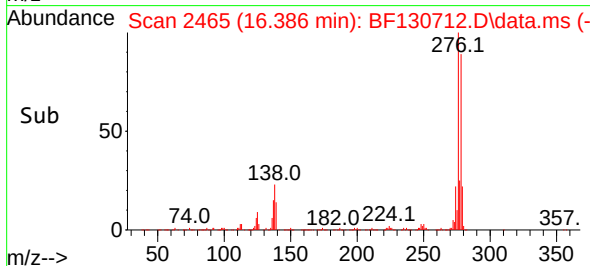
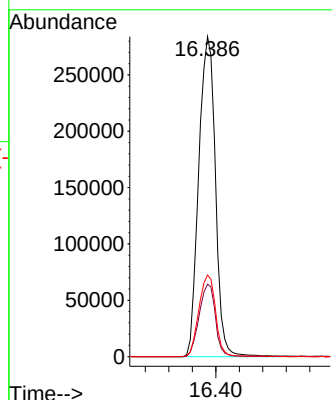
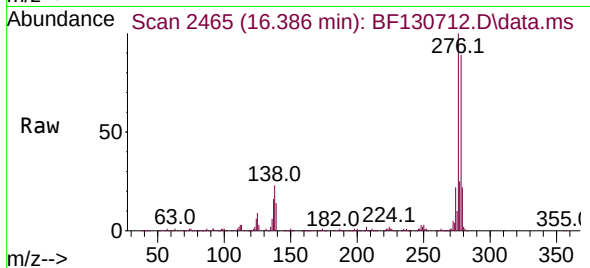
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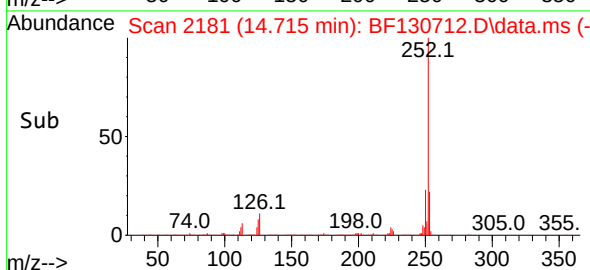
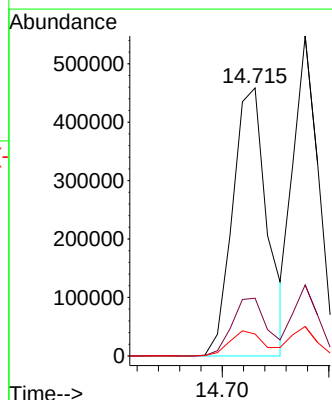
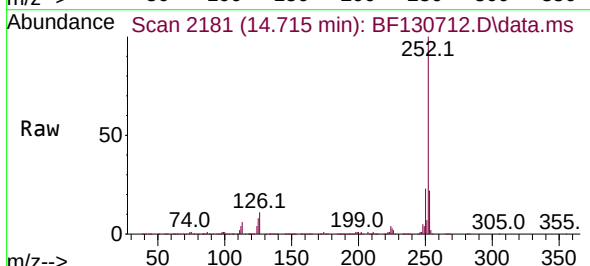
Supervised By :mohammad
 ahmed

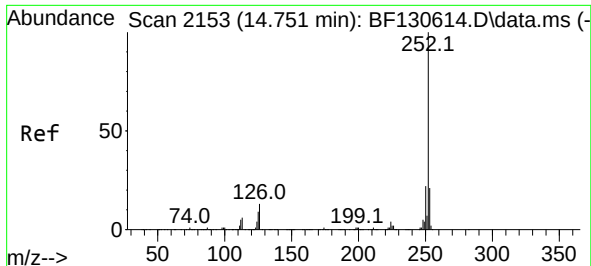
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#88
 Benzo(b)fluoranthene
 Concen: 52.693 ng
 RT: 14.715 min Scan# 2181
 Delta R.T. -0.000 min
 Lab File: BF130712.D
 Acq: 19 Oct 2022 15:52

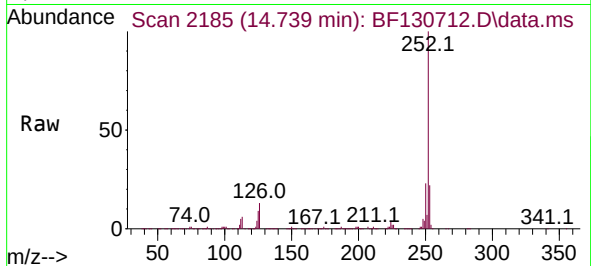
Tgt Ion:252 Resp: 519043
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.2
 125 8.2 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 45.830 ng
RT: 14.739 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



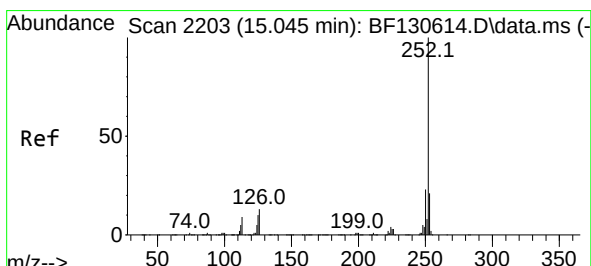
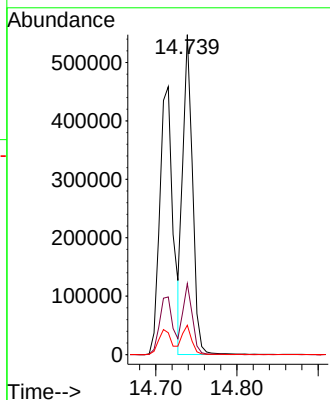
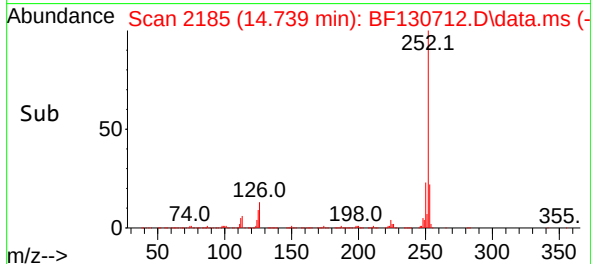
Tgt Ion:252 Resp: 459671
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.2 7.2 10.8

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Supervised By :mohammad ahmed 10/20/2022

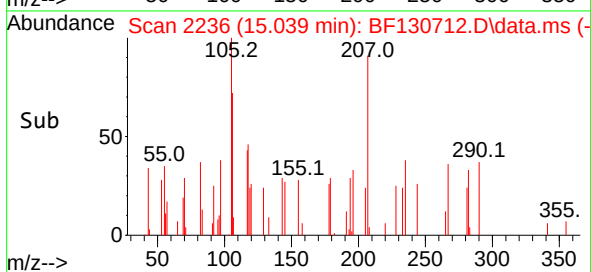
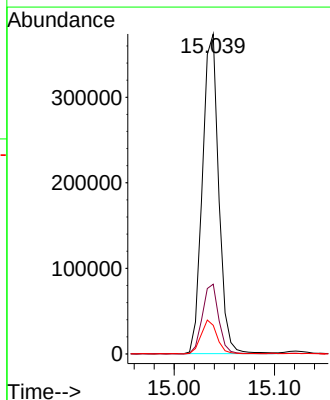
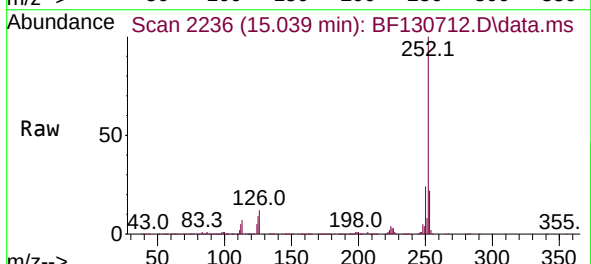
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Supervised By :mohammad
ahmed

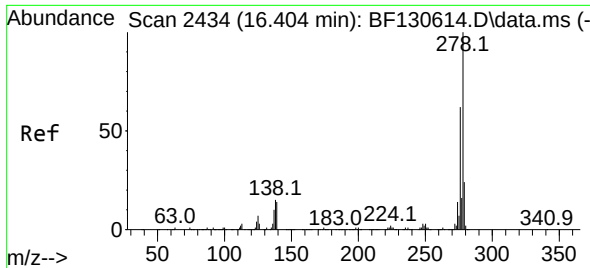
10/20/2022



#90
Benzo(a)pyrene
Concen: 51.374 ng
RT: 15.039 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

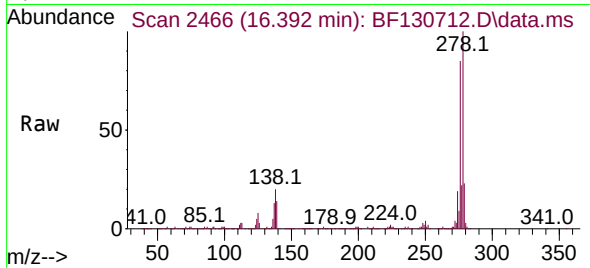
Tgt Ion:252 Resp: 421179
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 9.0 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 50.946 ng
RT: 16.392 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Instrument :
BNA_F
ClientSampleId :
PB148429BS



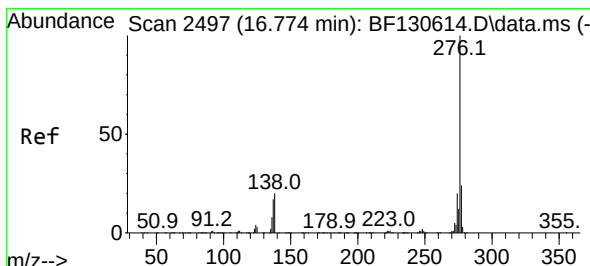
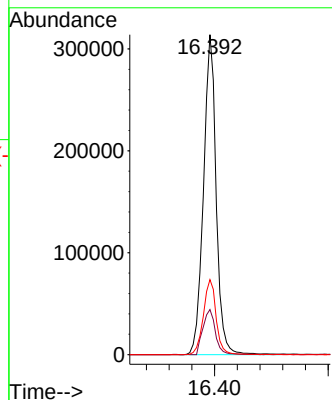
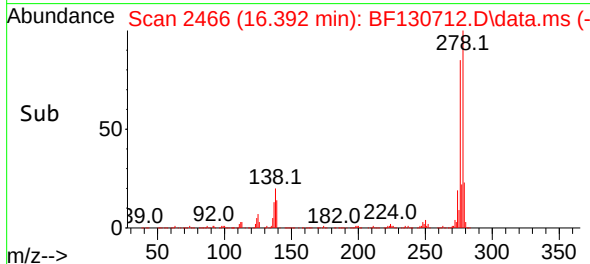
Tgt Ion: 278 Resp: 48621
Ion Ratio Lower Upper
278 100
139 14.1 11.1 16.7
279 23.4 19.0 28.4

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Supervised By : mohammad ahmed 10/20/2022

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Supervised By : mohammad
ahmed

10/20/2022



#92
Benzo(g,h,i)perylene
Concen: 56.003 ng
RT: 16.774 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF130712.D
Acq: 19 Oct 2022 15:52

Tgt Ion: 276 Resp: 497806
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 17.7 15.9 23.9

