

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013055.D
 Acq On : 10 Dec 2022 23:50
 Operator : CG/JU
 Sample : PB149527BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 03:29:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	591897	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2618884	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	1761296	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3976862	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	3681923	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	3657196	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	87187	6.298	ng/uL	0.00
4) Pyridine-d5	3.775	84	1216531	30.936	ng/u1	0.00
7) Phenol-d5	7.128	99	1724580	35.771	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	1032437	35.500	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	1342562	35.375	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	1380504	34.947	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	679487	35.313	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	790321	36.484	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	1489460	35.399	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	1782336	30.005	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	4493205	33.194	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	5075627	34.124	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	860461	35.338	ng/u1	0.00
60) Fluorene-d10	15.604	176	3927614	34.297	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	870269	34.006	ng/u1	0.00
73) Anthracene-d10	17.469	188	6221407	34.676	ng/u1	0.00
81) Pyrene-d10	19.692	212	7327935	34.673	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	6577072	36.080	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	171756	11.885	ng/uL	94
5) Pyridine	3.799	79	1236816	31.646	ng/u1	99
6) Benzaldehyde	7.105	77	905466	47.964	ng/u1	99
8) Phenol	7.158	94	1725175	35.391	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.393	93	1364576	34.107	ng/u1	99
12) 2-Chlorophenol	7.534	128	1376131	35.358	ng/u1	99
13) 2-Methylphenol	8.416	108	1329823	34.992	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1987913	36.209	ng/u1	99
16) Acetophenone	8.799	105	2105213	34.756	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.787	70	1064718	34.956	ng/u1	98
18) 4-Methylphenol	8.746	108	1467127	34.854	ng/u1	98
19) Hexachloroethane	9.058	117	534841	34.389	ng/u1	99
22) Nitrobenzene	9.181	77	1563885	34.636	ng/u1	99
23) Isophorone	9.710	82	3131681	34.301	ng/u1	98
25) 2-Nitrophenol	9.899	139	837200	35.669	ng/u1	99
26) 2,4-Dimethylphenol	9.952	107	1447100	31.598	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.193	93	1913580	32.779	ng/u1	100
29) 2,4-Dichlorophenol	10.428	162	1443247	35.016	ng/u1	99
30) Naphthalene	10.834	128	4511483	32.939	ng/u1	100
32) 4-Chloroaniline	10.946	127	1741205	29.622	ng/u1	99
33) Hexachlorobutadiene	11.116	225	959487	33.905	ng/u1	99
34) Caprolactam	11.740	113	290229	20.651	ng/u1	93
35) 4-Chloro-3-methylphenol	12.063	107	1514186	35.998	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	3204017	34.099	ng/u1	99

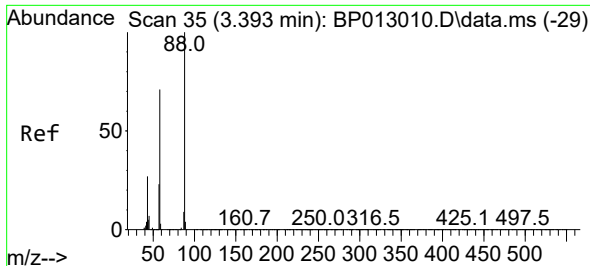
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	3225334	33.378	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	1918070	33.820	ng/ul	99
40) Hexachlorocyclopentadiene	12.781	237	885065	23.981	ng/ul	98
41) 2,4,6-Trichlorophenol	13.046	196	1267791	34.783	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	1384783	35.370	ng/ul	100
43) 1,1'-Biphenyl	13.446	154	4301959	32.522	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	3442560	33.067	ng/ul	99
45) 2-Nitroaniline	13.693	65	977816	38.738	ng/ul	99
47) Dimethylphthalate	14.063	163	4512137	33.632	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	938281	37.632	ng/ul	97
50) Acenaphthylene	14.334	152	5277266	33.001	ng/ul	99
51) 3-Nitroaniline	14.516	138	907754	38.557	ng/ul	100
52) Acenaphthene	14.675	153	3683987	33.245	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	590740	34.661	ng/ul	98
55) 4-Nitrophenol	14.822	109	604764	36.401	ng/ul	97
56) Dibenzofuran	15.010	168	5204395	33.033	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	1351150	37.307	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	1259871	35.262	ng/ul	96
59) Diethylphthalate	15.428	149	4458185	34.183	ng/ul	99
61) Fluorene	15.663	166	4215163	33.359	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	2260405	33.828	ng/ul	99
63) 4-Nitroaniline	15.687	138	942259	45.483	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.740	198	878602	35.131	ng/ul	99
67) N-Nitrosodiphenylamine	15.863	169	3748076	33.995	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	1467212	33.973	ng/ul	98
69) Hexachlorobenzene	16.669	284	1746843	34.064	ng/ul	98
70) Atrazine	16.822	200	1326829	30.881	ng/ul	100
71) Pentachlorophenol	17.010	266	1056137	34.008	ng/ul	100
72) Phenanthrene	17.410	178	7037058	33.973	ng/ul	100
74) Anthracene	17.504	178	7024962	33.965	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	1927703	33.975	ng/ul	99
76) Pentachlorobenzene	14.928	250	1907141	32.968	ng/ul	99
77) Carbazole	17.769	167	6419956	36.858	ng/ul	99
78) Di-n-butylphthalate	18.310	149	7806947	36.811	ng/ul	100
80) Fluoranthene	19.369	202	8510513	35.480	ng/ul	100
82) Pyrene	19.728	202	8633824	34.893	ng/ul	98
83) Butylbenzylphthalate	20.586	149	3530936	36.938	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	2830382	34.028	ng/ul	100
85) Benzo(a)anthracene	21.433	228	8499198	34.772	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	5145322	38.158	ng/ul	99
87) Chrysene	21.492	228	7985425	34.547	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	8703146	42.478	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	8380747	35.936	ng/ul	100
91) Benzo(k)fluoranthene	23.227	252	8016244	34.664	ng/ul	99
93) Benzo(a)pyrene	23.833	252	7059507	34.765	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.545	276	7853042	31.047	ng/ul	99
95) Dibenzo(a,h)anthracene	26.563	278	7047458	33.652	ng/ul	99
96) Benzo(g,h,i)perylene	27.351	276	6383133	31.434	ng/ul	99

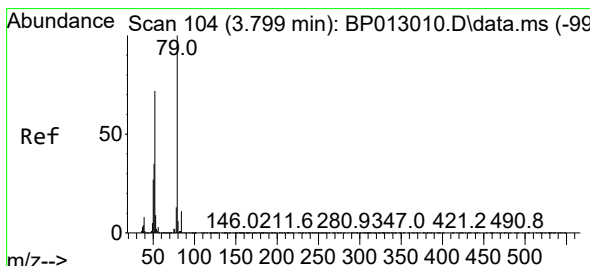
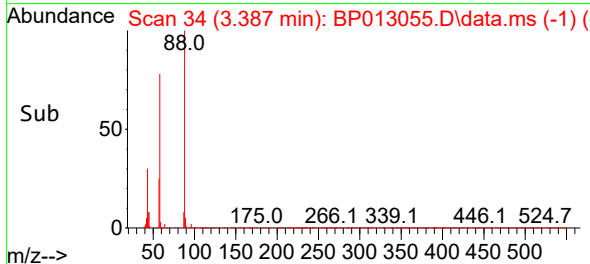
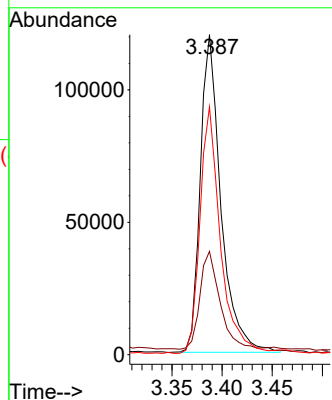
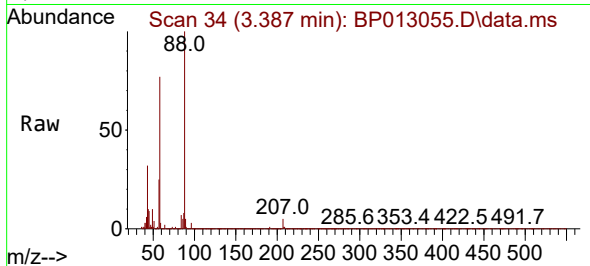
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#2
1,4-Dioxane
Concen: 11.885 ng/uL
RT: 3.387 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

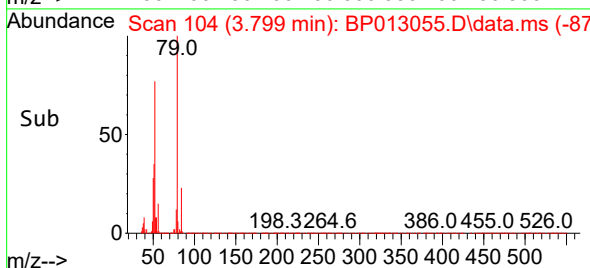
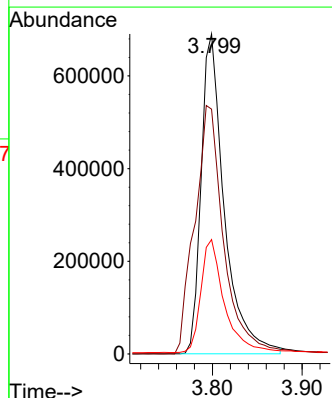
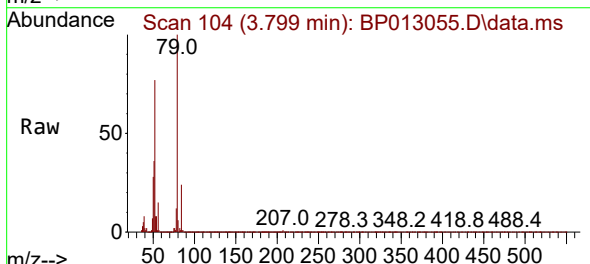
Instrument :
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ClientSampleId :

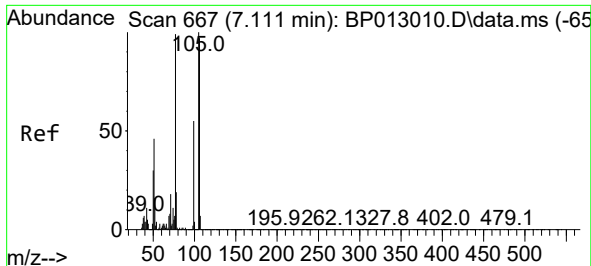
Tgt Ion: 88 Resp: 171756
Ion Ratio Lower Upper
88 100
43 32.3 22.4 33.6
58 77.5 58.2 87.4



#5
Pyridine
Concen: 31.646 ng/uL
RT: 3.799 min Scan# 104
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion: 79 Resp: 1236816
Ion Ratio Lower Upper
79 100
52 76.5 60.7 91.1
51 35.8 28.9 43.3

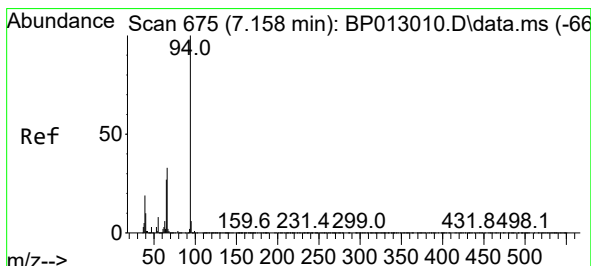
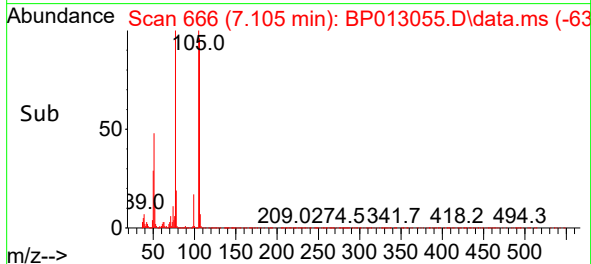
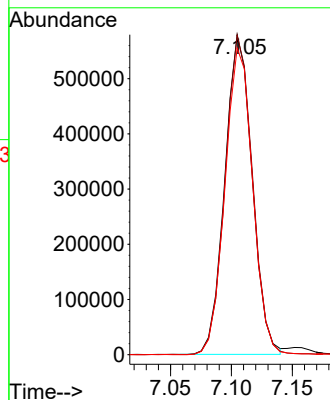
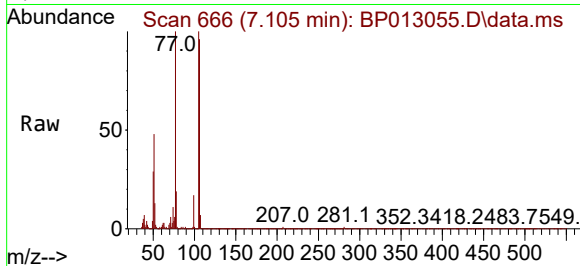




#6
Benzaldehyde
Concen: 47.964 ng/ul
RT: 7.105 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

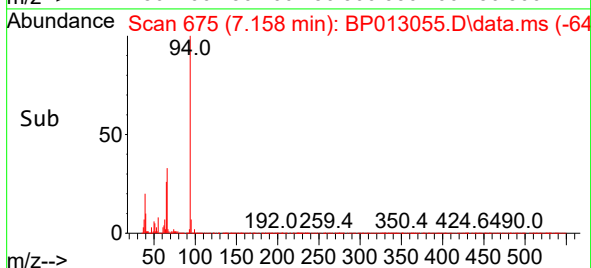
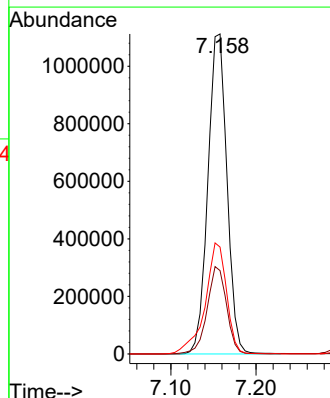
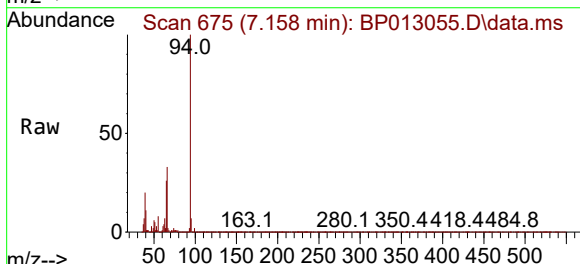
Instrument :
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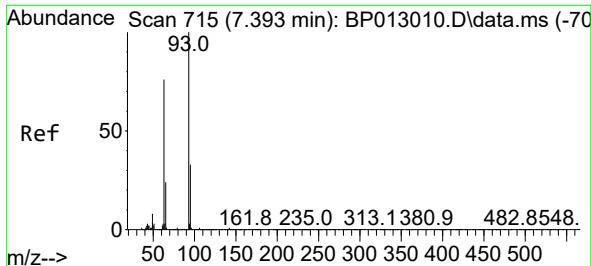
Tgt Ion: 77 Resp: 905466
Ion Ratio Lower Upper
77 100
105 99.9 81.5 122.3
106 95.9 76.9 115.3



#8
Phenol
Concen: 35.391 ng/ul
RT: 7.158 min Scan# 675
Delta R.T. 0.006 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

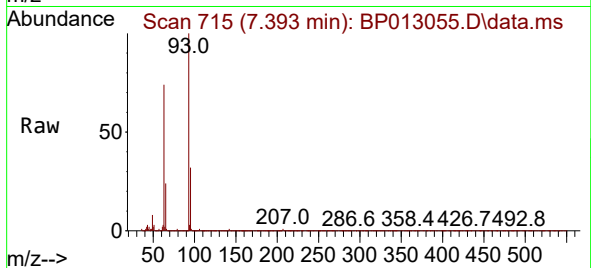
Tgt Ion: 94 Resp: 1725175
Ion Ratio Lower Upper
94 100
65 26.1 21.1 31.7
66 33.4 27.0 40.6





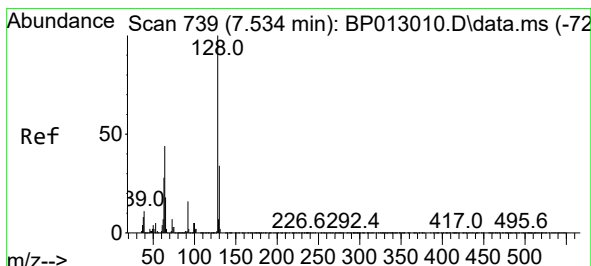
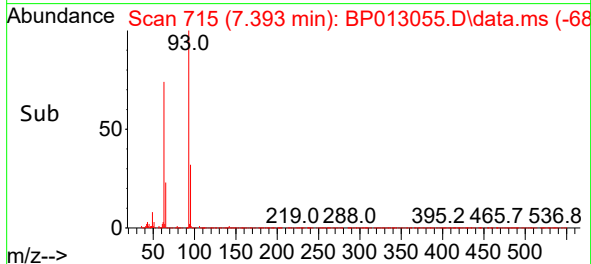
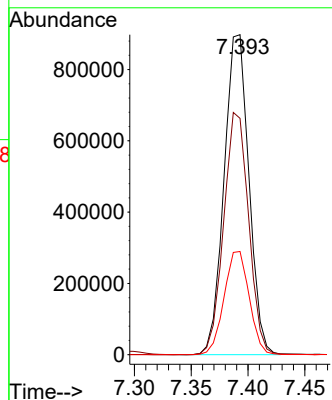
#10
 Bis(2-Chloroethyl)ether
 Concen: 34.107 ng/ul
 RT: 7.393 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: BP013055.D
 Acq: 10 Dec 2022 23:50

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 1364576

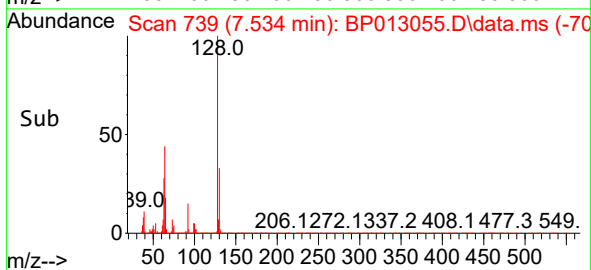
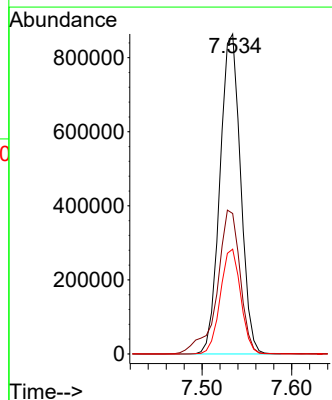
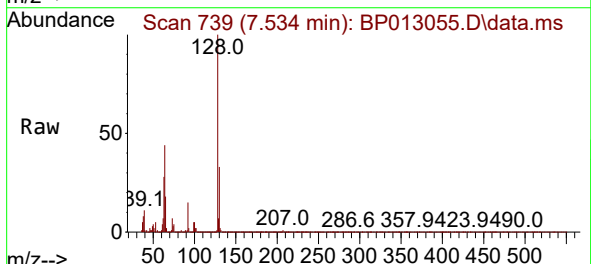
Ion	Ratio	Lower	Upper
93	100		
63	73.8	59.8	89.8
95	32.3	26.4	39.6

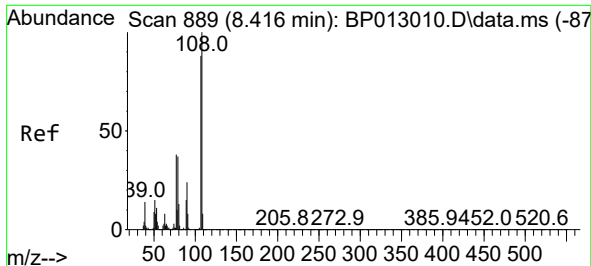


#12
 2-Chlorophenol
 Concen: 35.358 ng/ul
 RT: 7.534 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: BP013055.D
 Acq: 10 Dec 2022 23:50

Tgt Ion:128 Resp: 1376131

Ion	Ratio	Lower	Upper
128	100		
64	43.9	34.9	52.3
130	32.7	25.8	38.6





#13

2-Methylphenol

Concen: 34.992 ng/ul

RT: 8.416 min Scan# 889

Delta R.T. 0.006 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

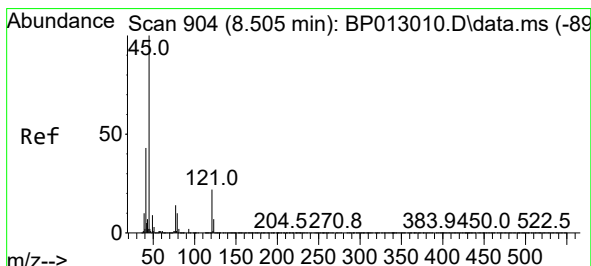
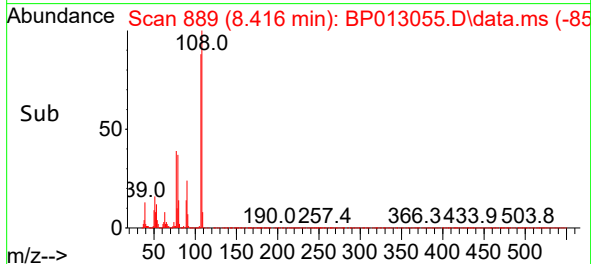
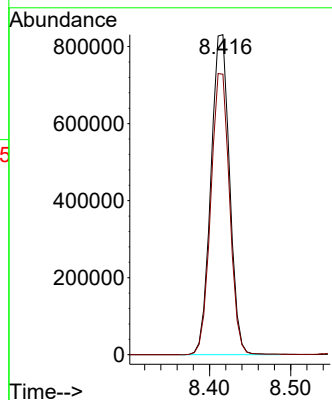
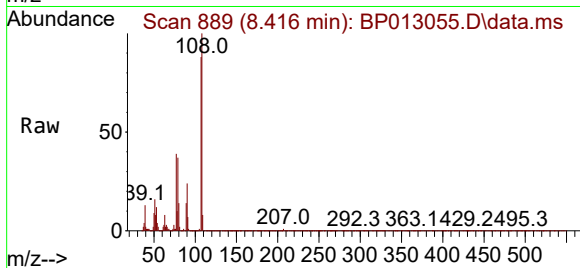
ClientSampleId :

Tgt Ion:108 Resp: 1329823

Ion Ratio Lower Upper

108 100

107 87.6 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.209 ng/ul

RT: 8.505 min Scan# 904

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

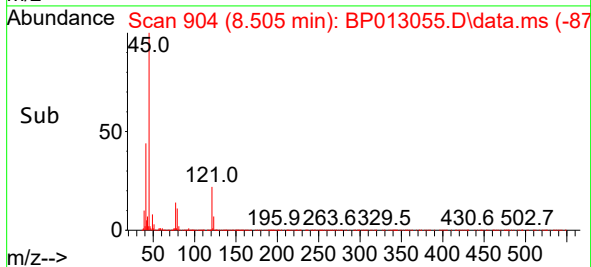
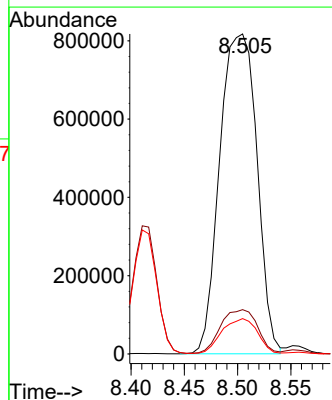
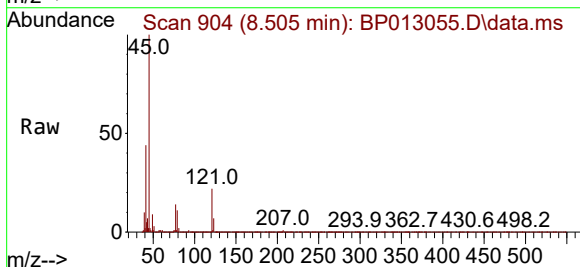
Tgt Ion: 45 Resp: 1987913

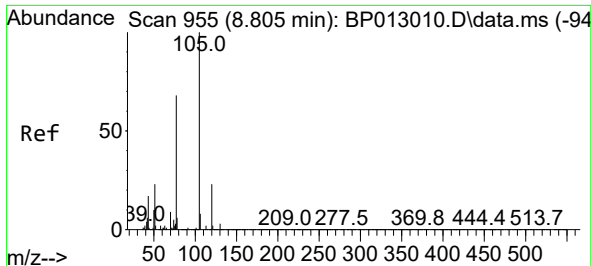
Ion Ratio Lower Upper

45 100

77 13.9 11.0 16.6

79 11.0 9.3 13.9

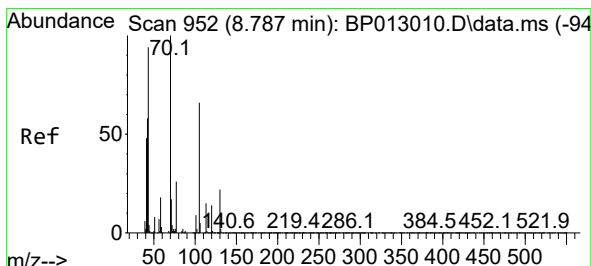
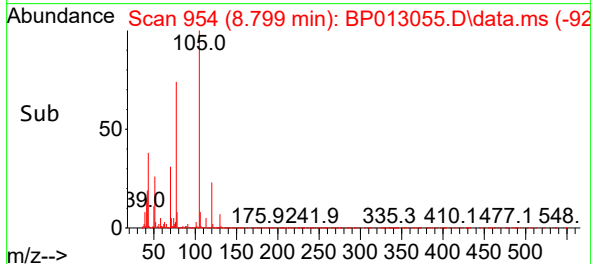
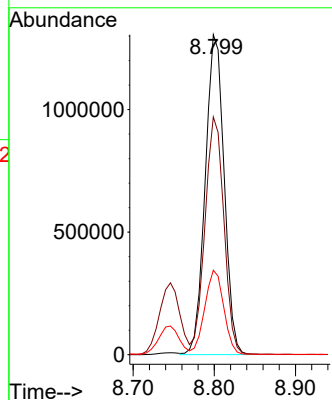
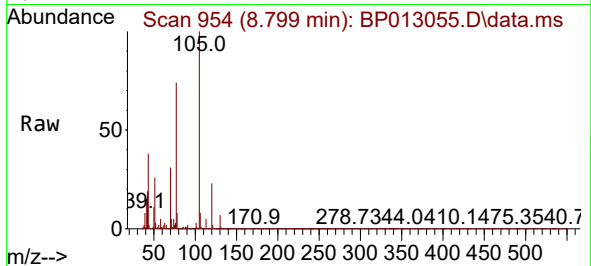




#16
Acetophenone
Concen: 34.756 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

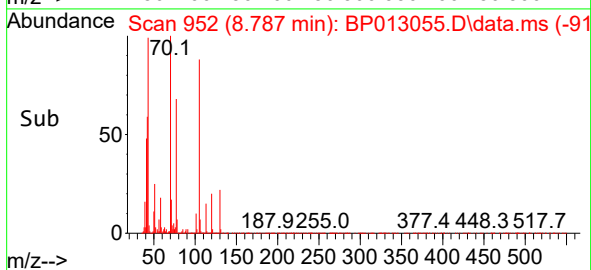
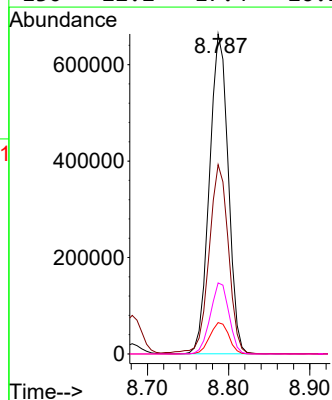
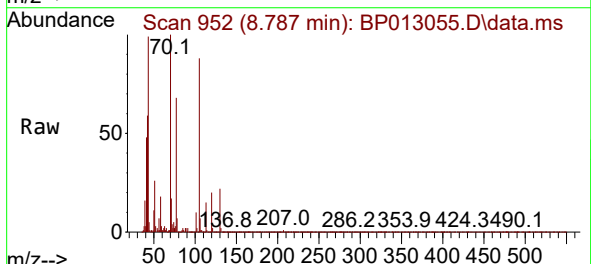
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BNA_P
ClientSampleId :

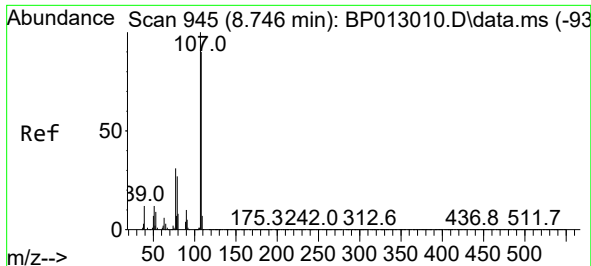
Tgt Ion:105 Resp: 2105213
Ion Ratio Lower Upper
105 100
77 74.3 59.3 88.9
51 26.4 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 34.956 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion: 70 Resp: 1064718
Ion Ratio Lower Upper
70 100
42 59.2 45.5 68.3
101 9.8 7.9 11.9
130 22.2 17.4 26.2





#18

4-Methylphenol

Concen: 34.854 ng/ul

RT: 8.746 min Scan# 945

Delta R.T. 0.006 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

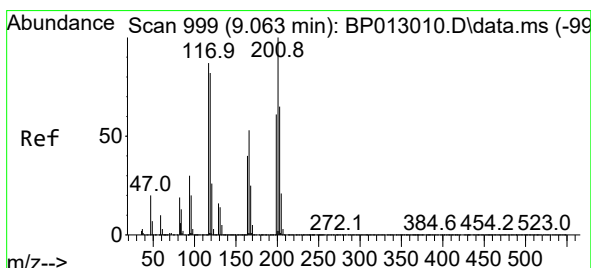
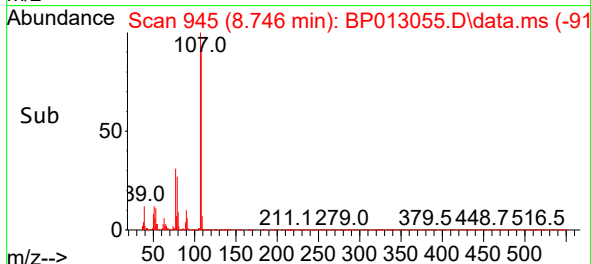
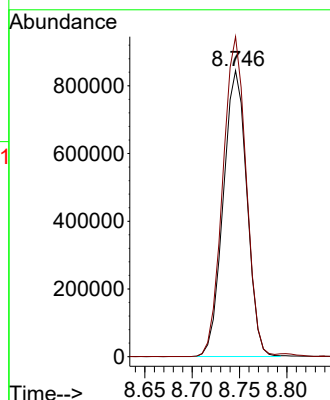
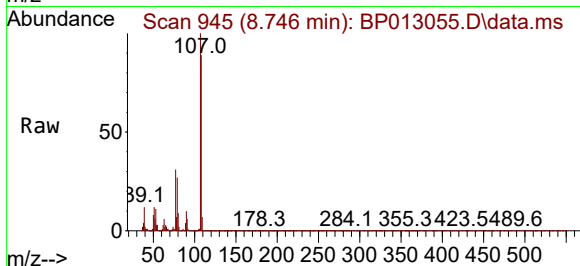
ClientSampleId :

Tgt Ion:108 Resp: 1467127

Ion Ratio Lower Upper

108 100

107 111.9 87.4 131.2



#19

Hexachloroethane

Concen: 34.389 ng/ul

RT: 9.058 min Scan# 998

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

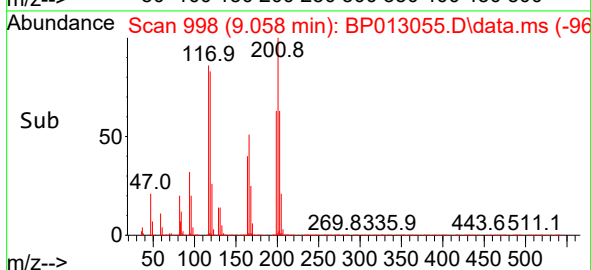
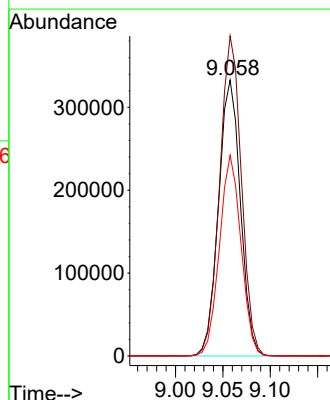
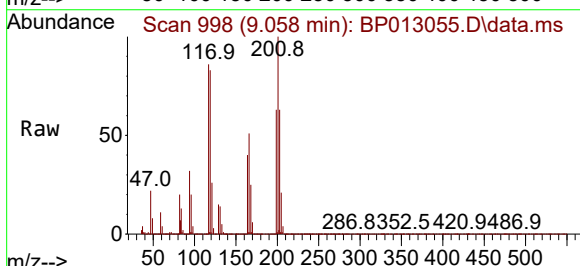
Tgt Ion:117 Resp: 534841

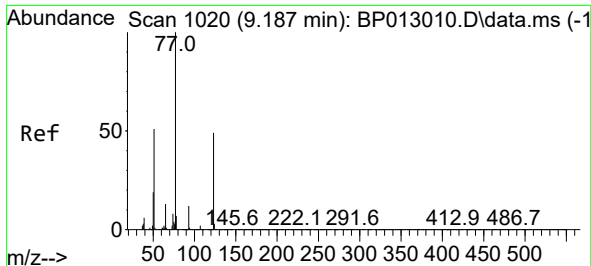
Ion Ratio Lower Upper

117 100

201 116.0 93.7 140.5

199 72.7 58.6 88.0





#22

Nitrobenzene

Concen: 34.636 ng/ul

RT: 9.181 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

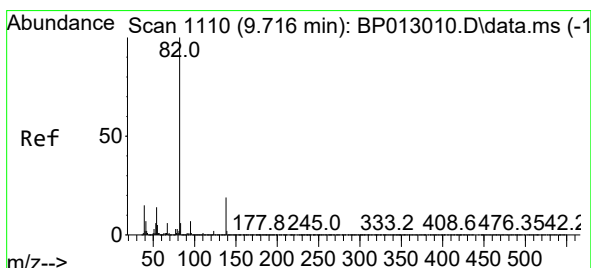
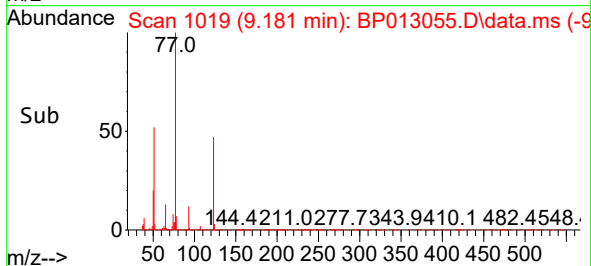
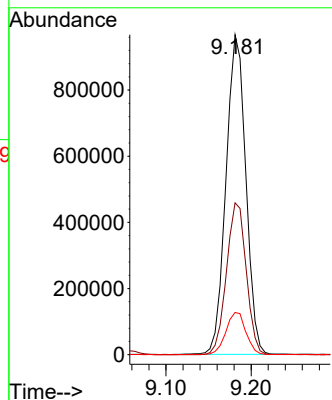
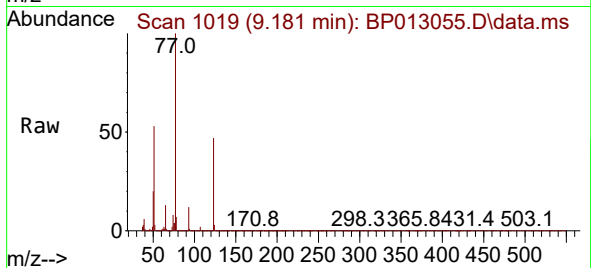
Tgt Ion: 77 Resp: 1563885

Ion Ratio Lower Upper

77 100

123 47.4 38.3 57.5

65 13.2 10.3 15.5



#23

Isophorone

Concen: 34.301 ng/ul

RT: 9.710 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

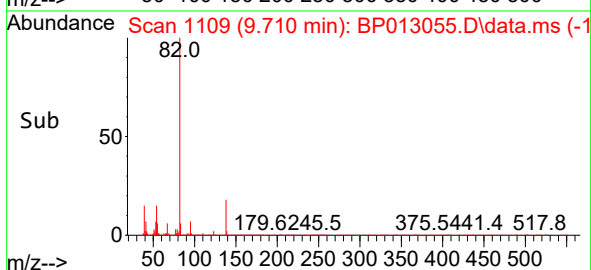
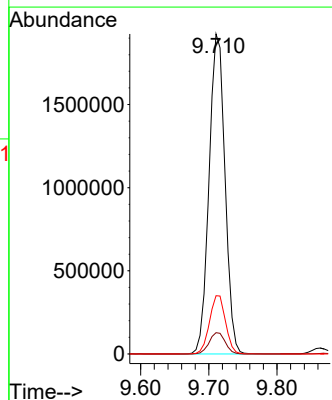
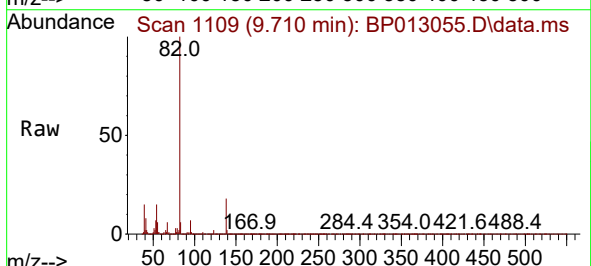
Tgt Ion: 82 Resp: 3131681

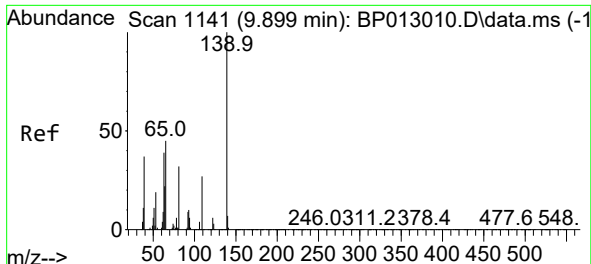
Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 18.2 15.3 22.9

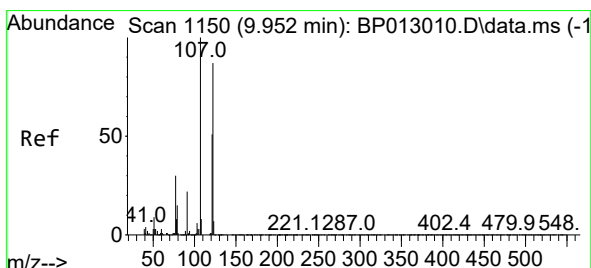
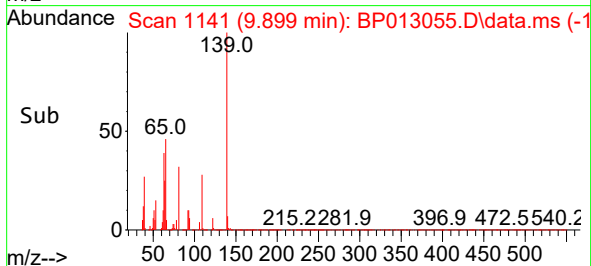
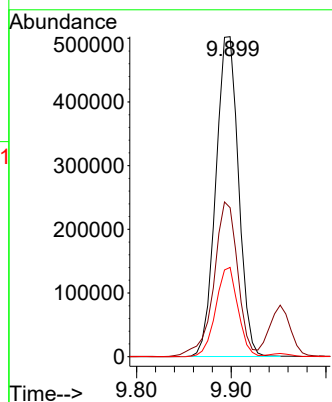
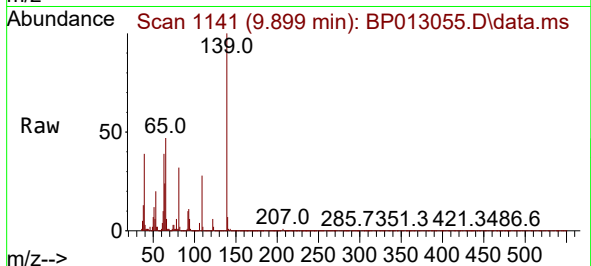




#25
2-Nitrophenol
Concen: 35.669 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

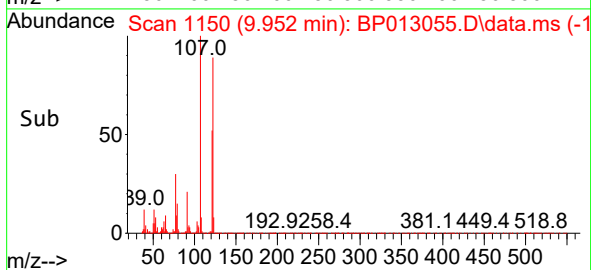
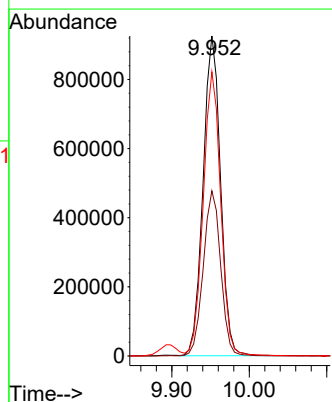
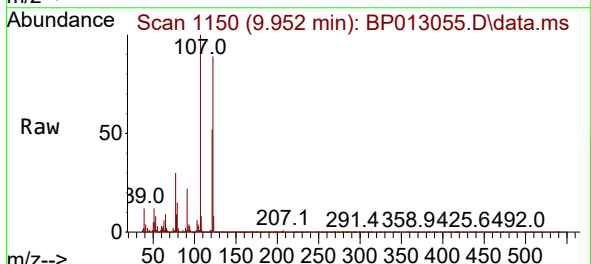
Instrument :
BNA_P
ClientSampleId :

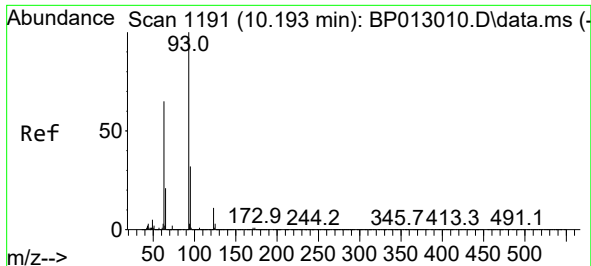
Tgt Ion:139 Resp: 837200
Ion Ratio Lower Upper
139 100
65 46.6 36.6 54.8
109 27.9 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 31.598 ng/ul
RT: 9.952 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:107 Resp: 1447100
Ion Ratio Lower Upper
107 100
121 51.6 41.8 62.6
122 88.8 72.6 108.8





#27

Bis(2-Chloroethoxy)methane

Concen: 32.779 ng/ul

RT: 10.193 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

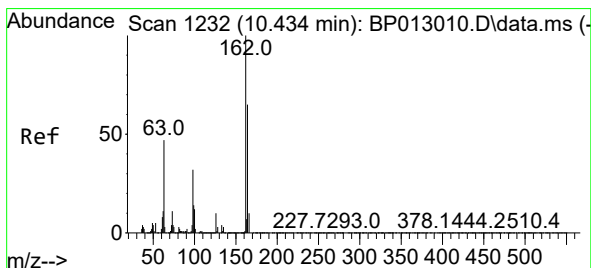
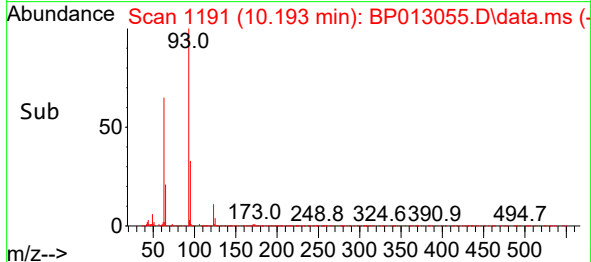
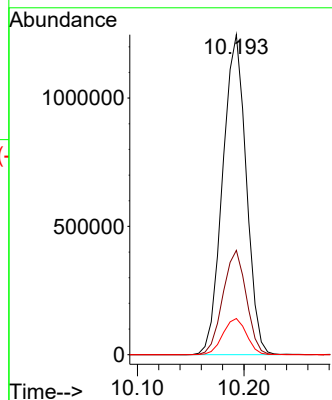
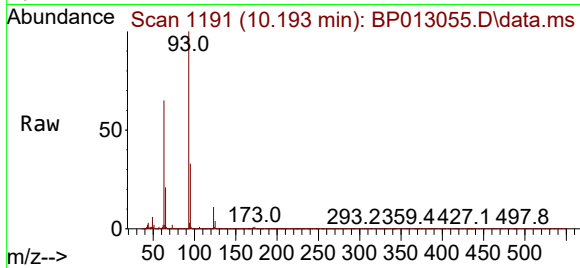
Tgt Ion: 93 Resp: 1913580

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.3 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 35.016 ng/ul

RT: 10.428 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

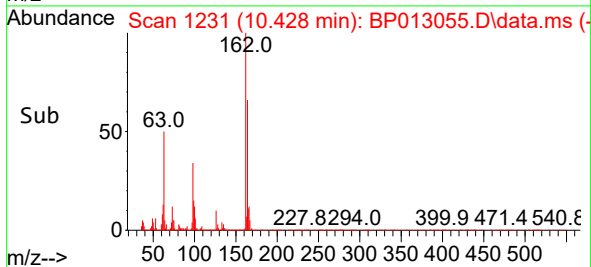
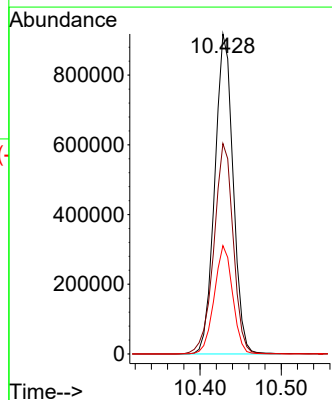
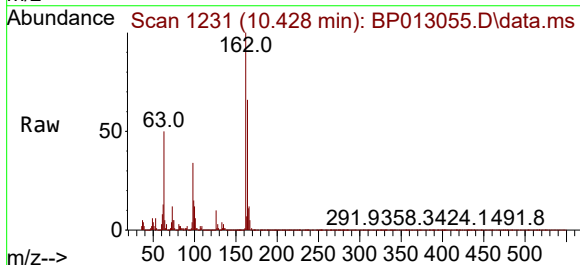
Tgt Ion:162 Resp: 1443247

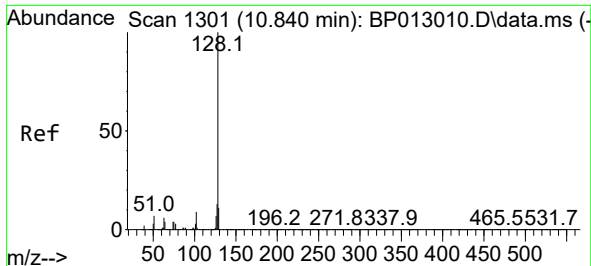
Ion Ratio Lower Upper

162 100

164 65.7 52.5 78.7

98 33.9 26.6 39.8

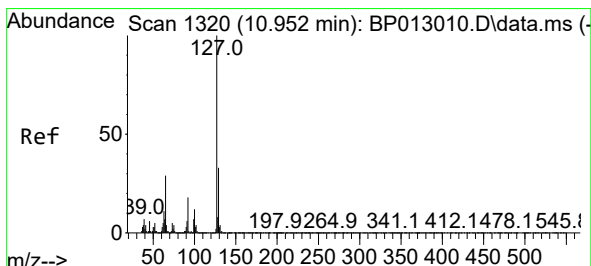
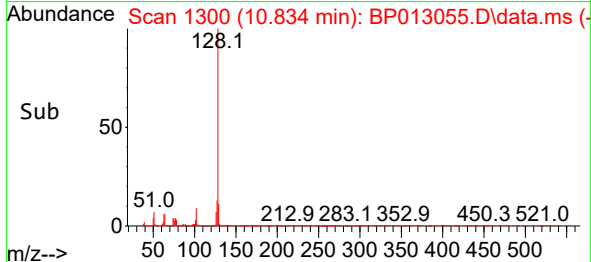
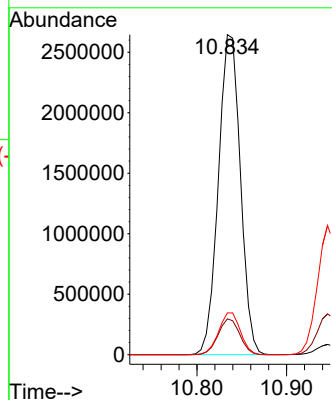
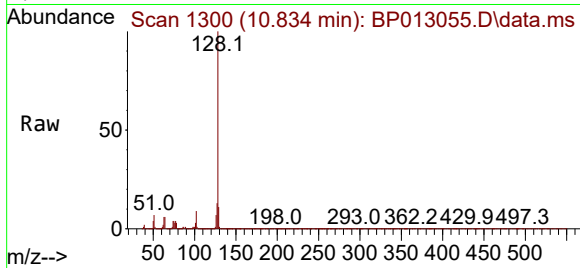




#30
Naphthalene
Concen: 32.939 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

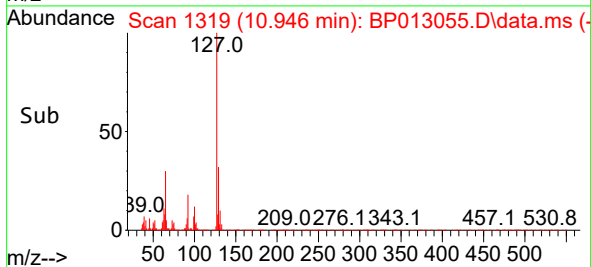
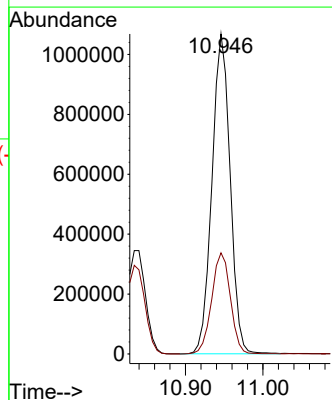
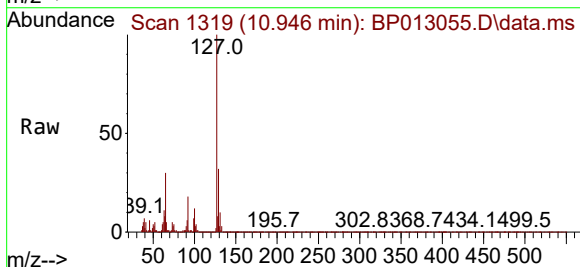
Instrument :
BNA_P
ClientSampleId :

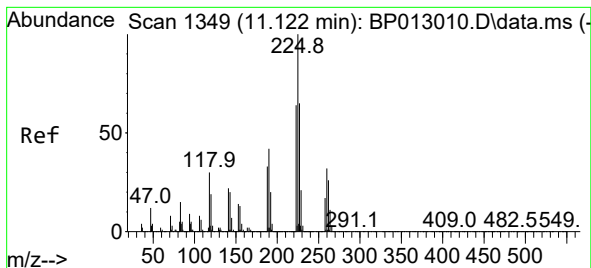
Tgt Ion:128 Resp: 4511483
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 29.622 ng/ul
RT: 10.946 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:127 Resp: 1741205
Ion Ratio Lower Upper
127 100
129 31.6 25.6 38.4





#33

Hexachlorobutadiene

Concen: 33.905 ng/ul

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

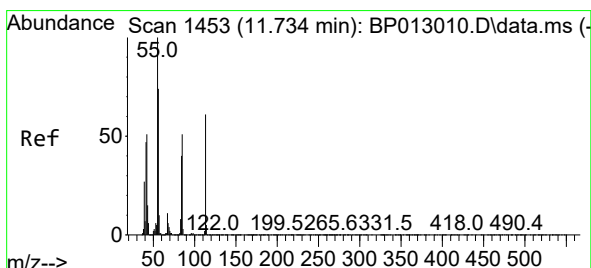
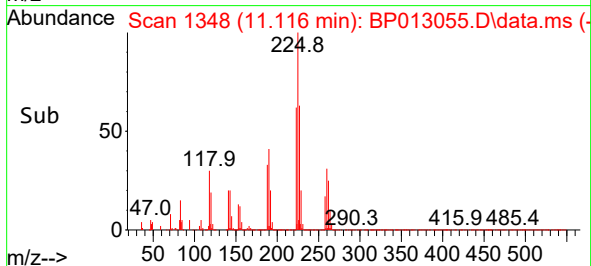
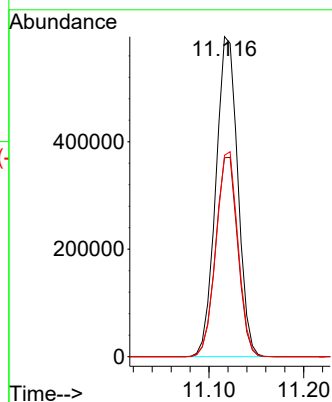
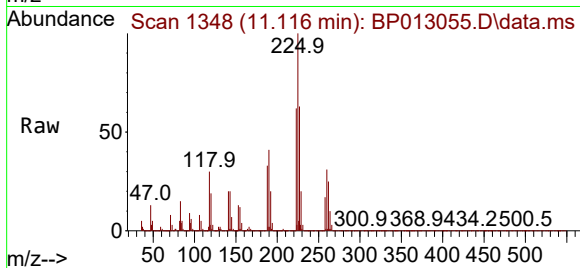
Tgt Ion:225 Resp: 959487

Ion Ratio Lower Upper

225 100

223 62.1 49.2 73.8

227 62.9 50.2 75.2



#34

Caprolactam

Concen: 20.651 ng/ul

RT: 11.740 min Scan# 1454

Delta R.T. 0.012 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

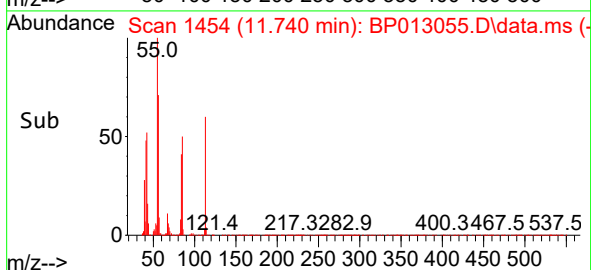
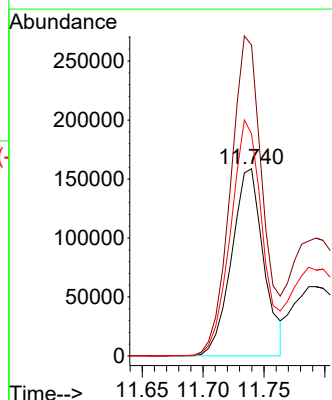
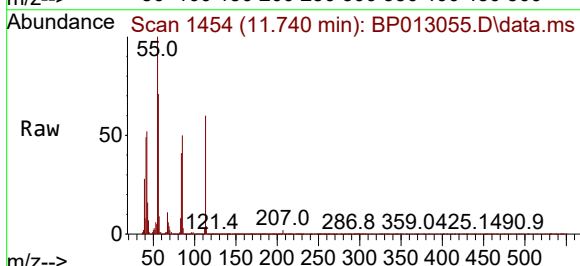
Tgt Ion:113 Resp: 290229

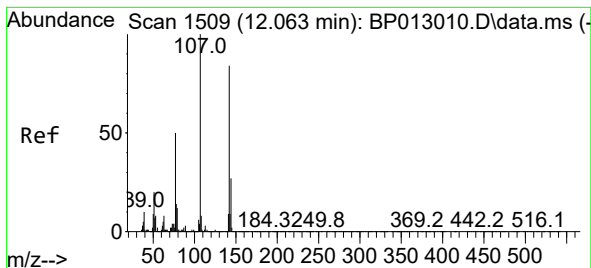
Ion Ratio Lower Upper

113 100

55 166.1 141.9 212.9

56 118.7 99.6 149.4

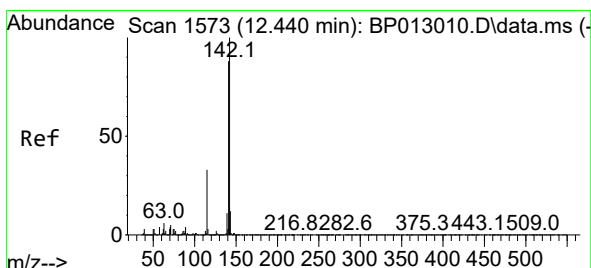
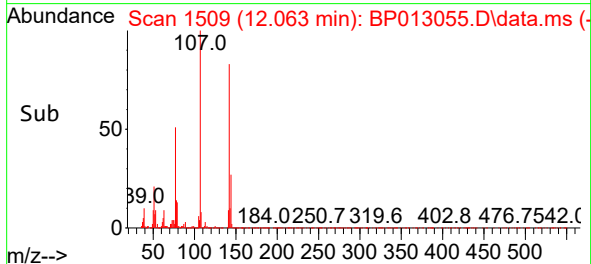
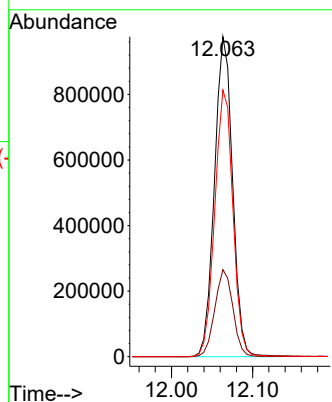
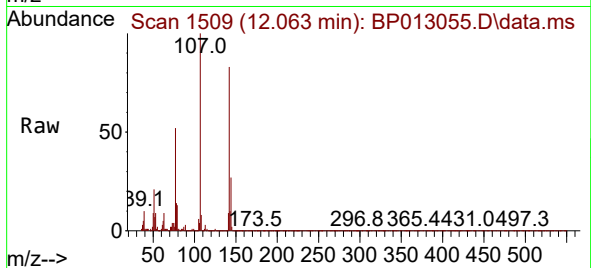




#35
4-Chloro-3-methylphenol
Concen: 35.998 ng/ul
RT: 12.063 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

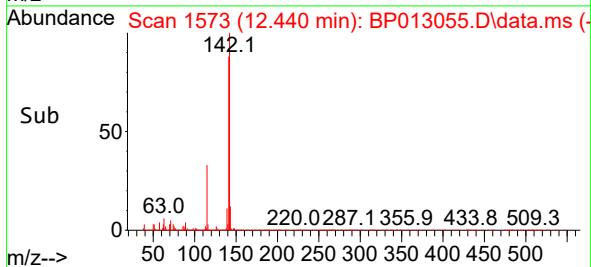
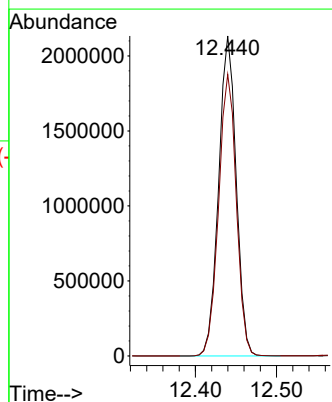
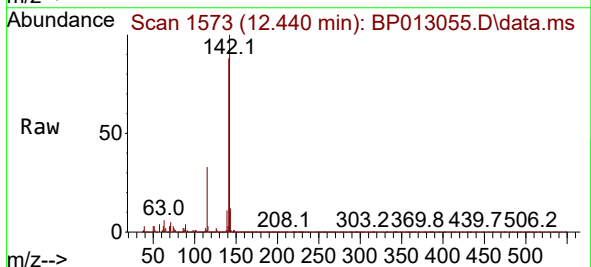
Instrument :
BNA_P
ClientSampleId :

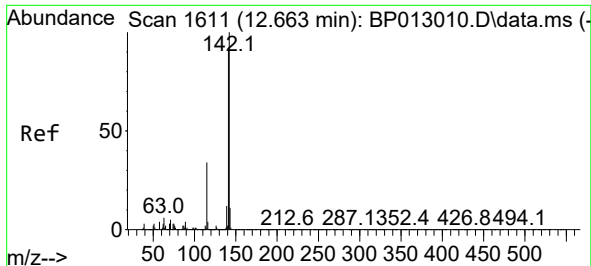
Tgt Ion:107 Resp: 1514186
Ion Ratio Lower Upper
107 100
144 27.2 21.4 32.2
142 83.3 65.8 98.6



#36
2-Methylnaphthalene
Concen: 34.099 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:142 Resp: 3204017
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2





#37

1-Methylnaphthalene

Concen: 33.378 ng/ul

RT: 12.657 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

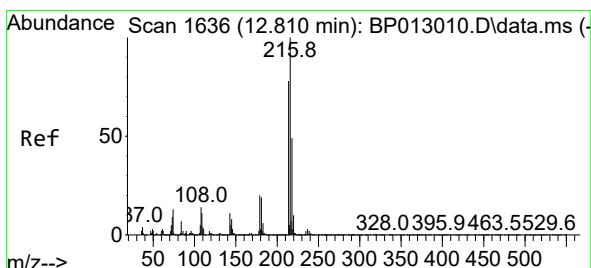
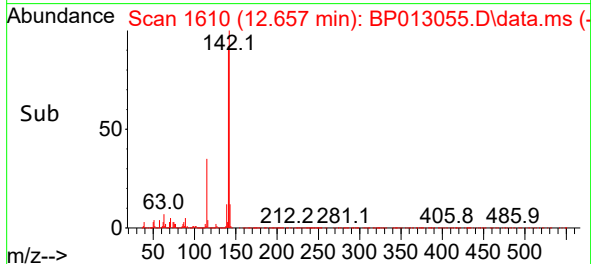
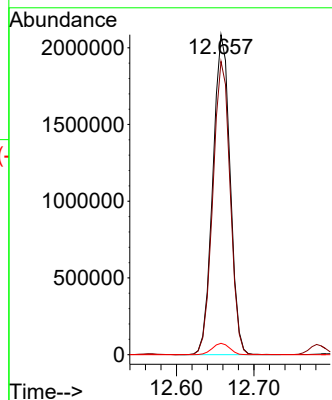
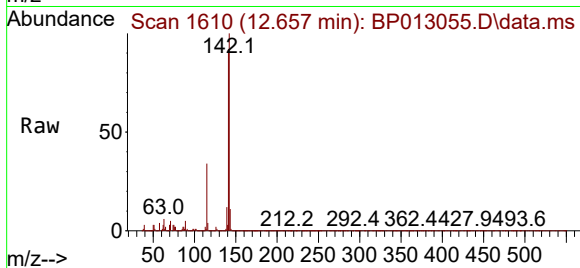
Tgt Ion:142 Resp: 3225334

Ion Ratio Lower Upper

142 100

141 91.6 72.7 109.1

116 3.5 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.820 ng/ul

RT: 12.804 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Tgt Ion:216 Resp: 1918070

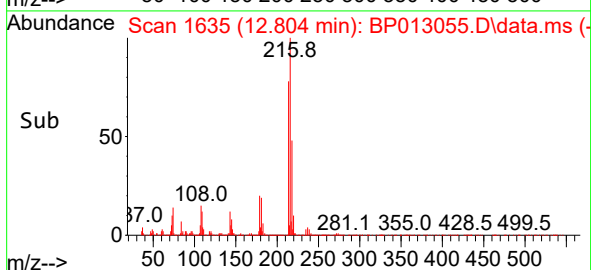
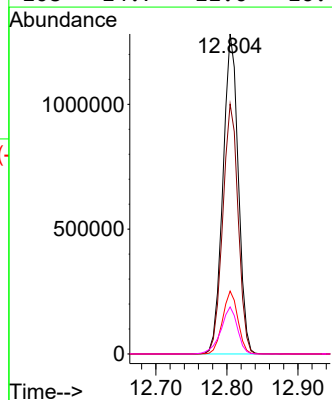
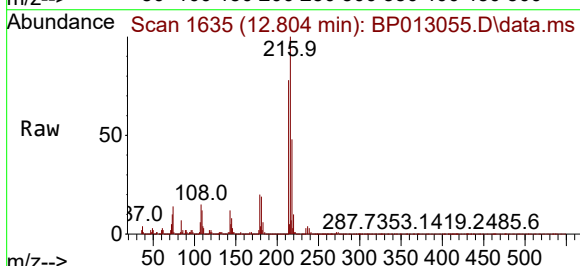
Ion Ratio Lower Upper

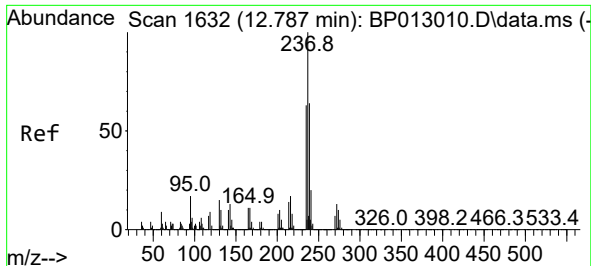
216 100

214 78.1 61.9 92.9

179 19.7 15.0 22.6

108 14.7 11.0 16.4

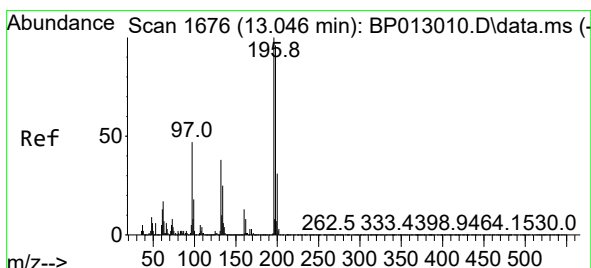
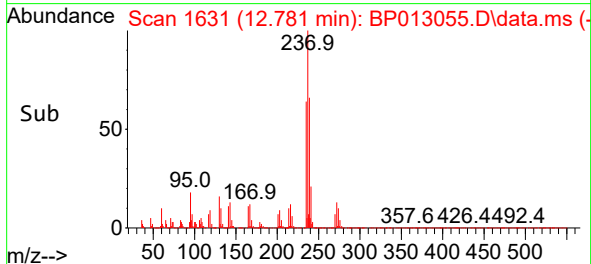
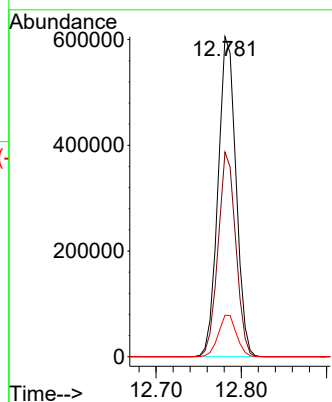
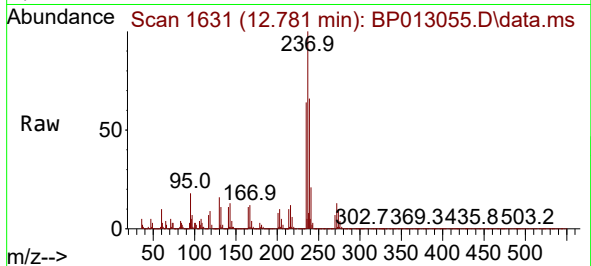




#40
Hexachlorocyclopentadiene
Concen: 23.981 ng/ul
RT: 12.781 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

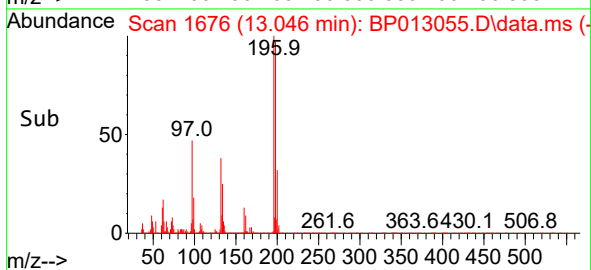
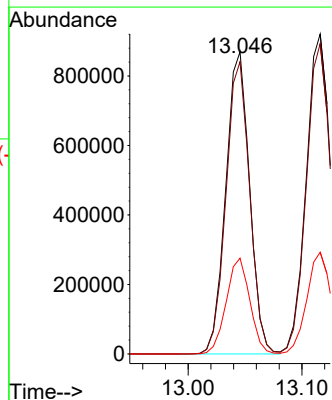
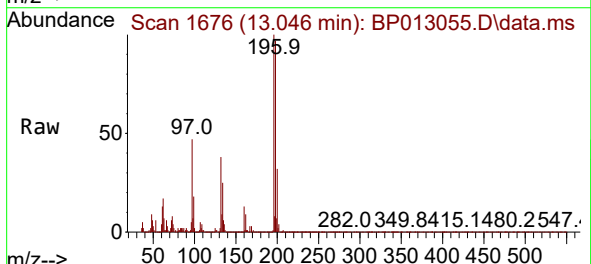
Instrument :
BNA_P
ClientSampleId :

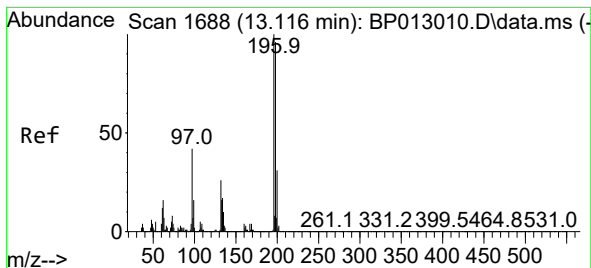
Tgt Ion:237 Resp: 885065
Ion Ratio Lower Upper
237 100
235 63.9 49.7 74.5
272 13.0 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 34.783 ng/ul
RT: 13.046 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:196 Resp: 1267791
Ion Ratio Lower Upper
196 100
198 96.7 77.0 115.6
200 31.7 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 35.370 ng/ul

RT: 13.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

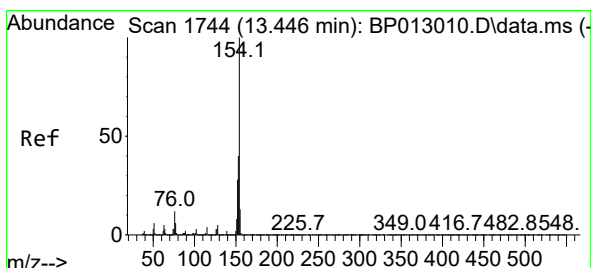
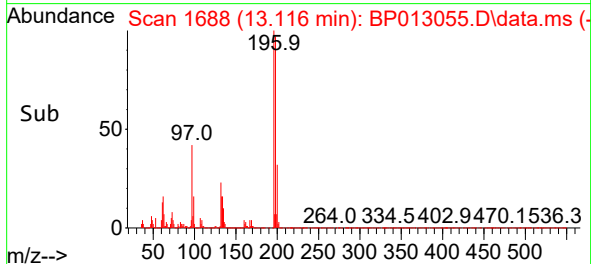
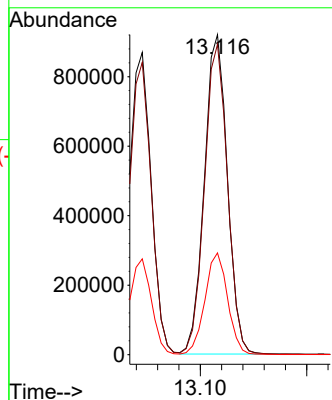
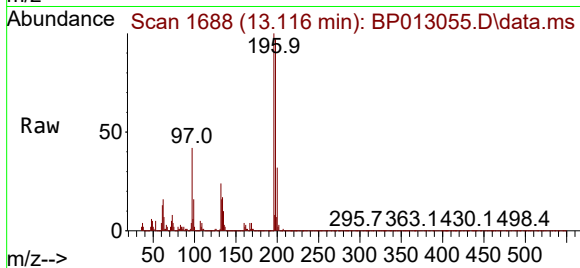
Tgt Ion:196 Resp: 1384783

Ion Ratio Lower Upper

196 100

198 97.0 77.1 115.7

200 31.8 25.4 38.2



#43

1,1'-Biphenyl

Concen: 32.522 ng/ul

RT: 13.446 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

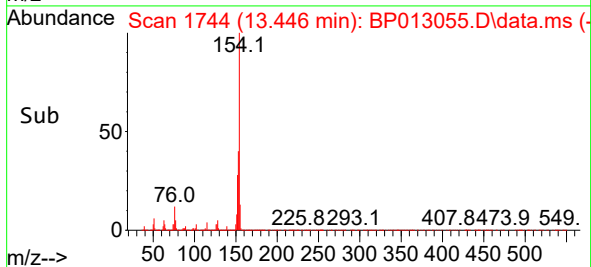
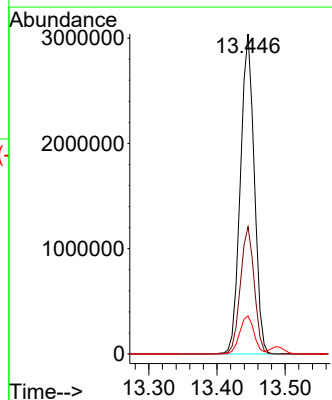
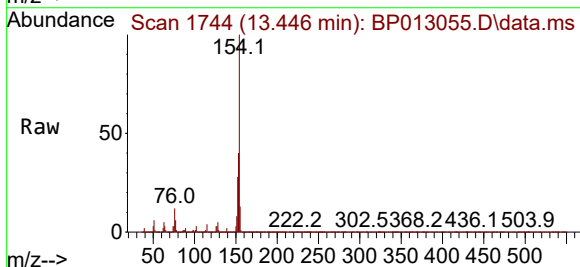
Tgt Ion:154 Resp: 4301959

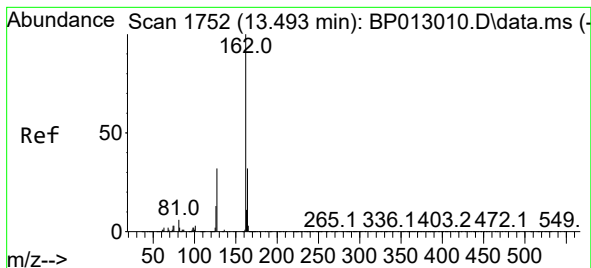
Ion Ratio Lower Upper

154 100

153 39.8 31.5 47.3

76 11.9 9.6 14.4





#44

2-Chloronaphthalene

Concen: 33.067 ng/ul

RT: 13.487 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

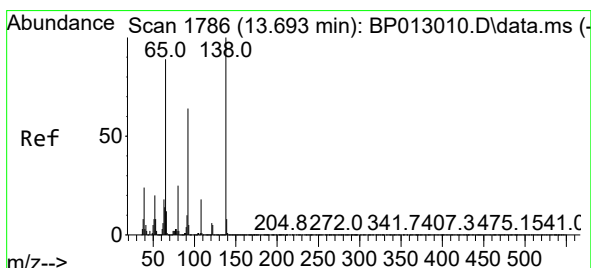
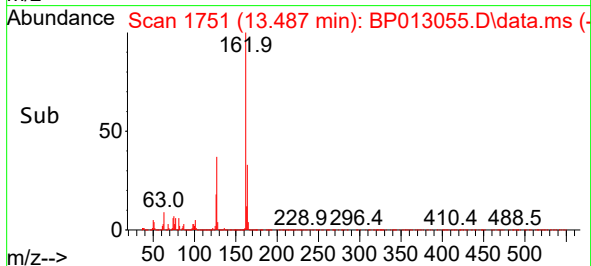
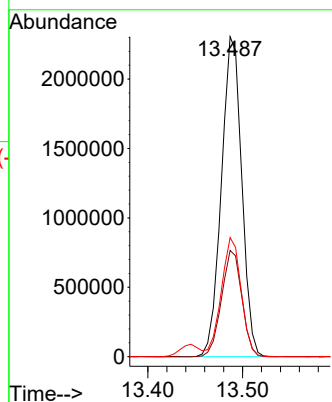
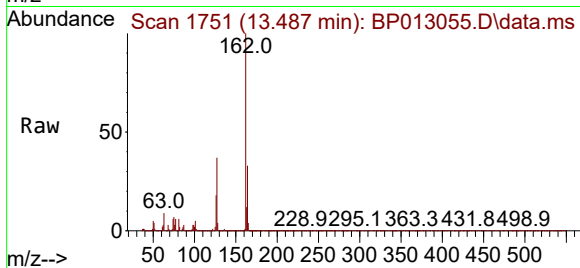
Tgt Ion:162 Resp: 3442560

Ion Ratio Lower Upper

162 100

164 33.2 26.3 39.5

127 37.2 29.3 43.9



#45

2-Nitroaniline

Concen: 38.738 ng/ul

RT: 13.693 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

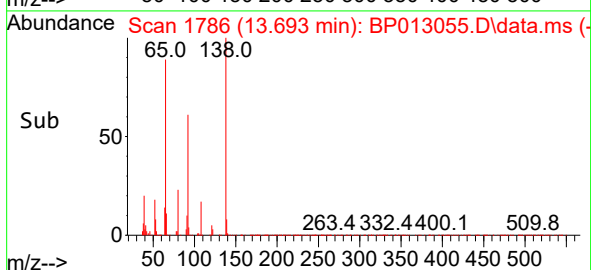
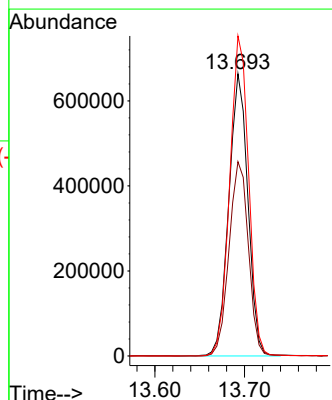
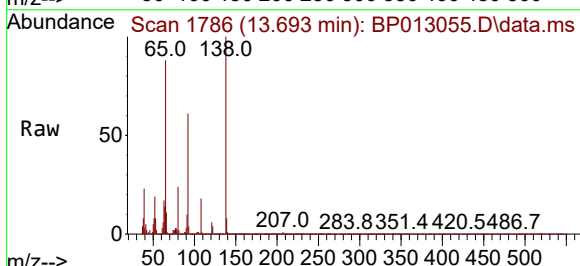
Tgt Ion: 65 Resp: 977816

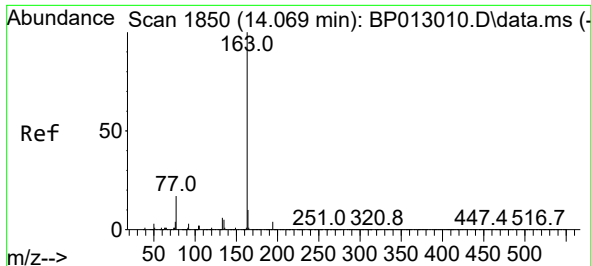
Ion Ratio Lower Upper

65 100

92 68.8 56.4 84.6

138 113.3 90.3 135.5

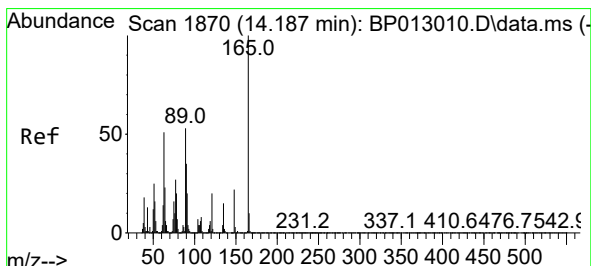
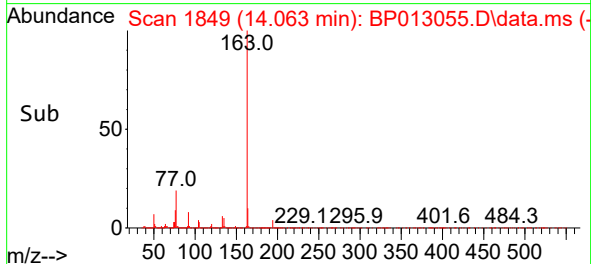
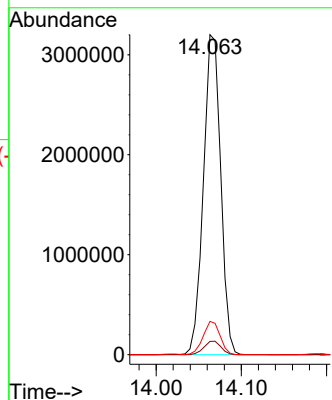
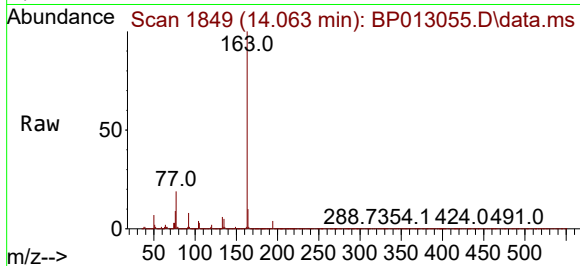




#47
Dimethylphthalate
Concen: 33.632 ng/ul
RT: 14.063 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

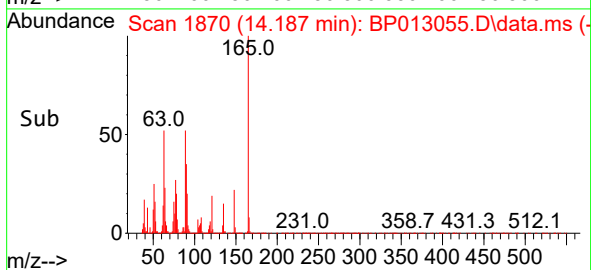
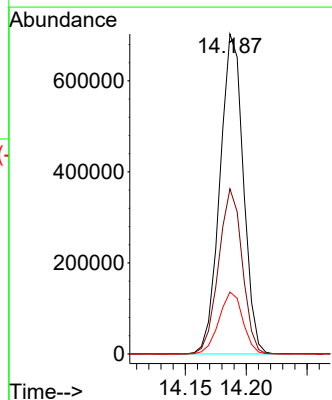
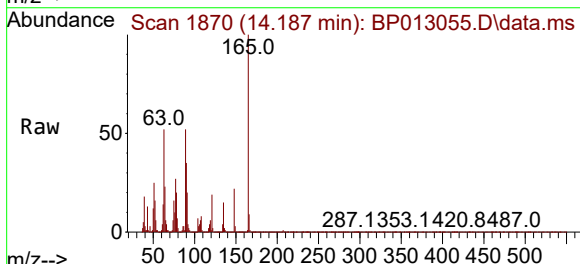
Instrument :
BNA_P
ClientSampleId :

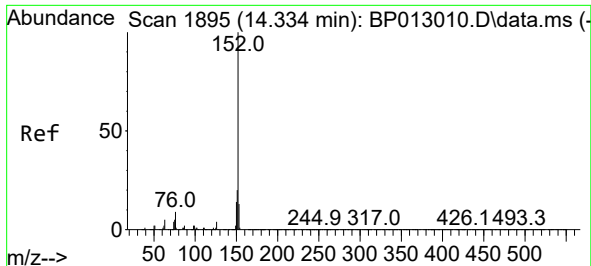
Tgt Ion:163 Resp: 4512137
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 37.632 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

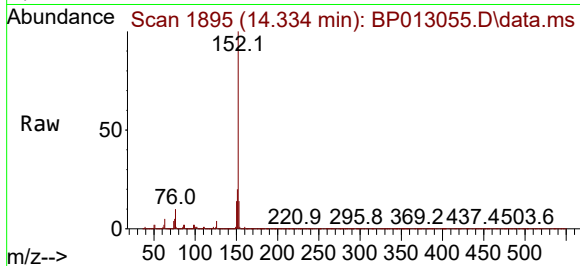
Tgt Ion:165 Resp: 938281
Ion Ratio Lower Upper
165 100
89 51.6 43.0 64.4
121 19.4 16.1 24.1



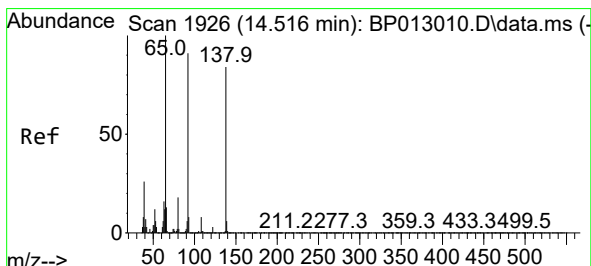
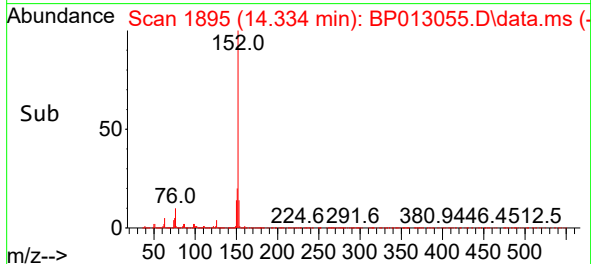
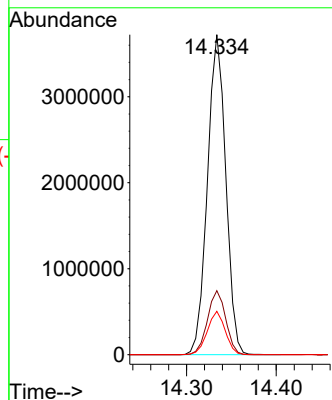


#50
Acenaphthylene
Concen: 33.001 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Instrument :
BNA_P
ClientSampleId :

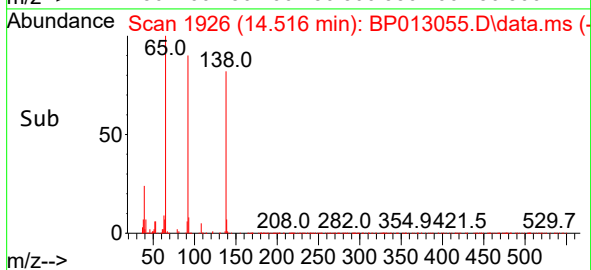
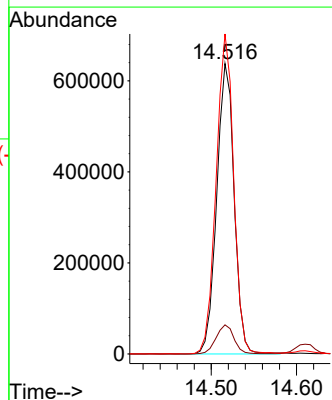
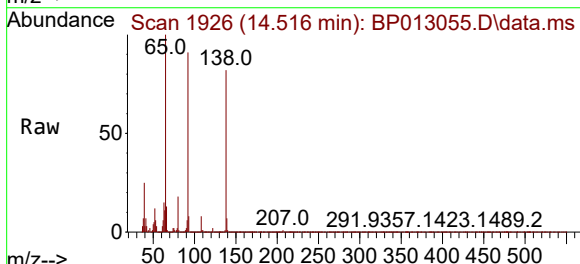


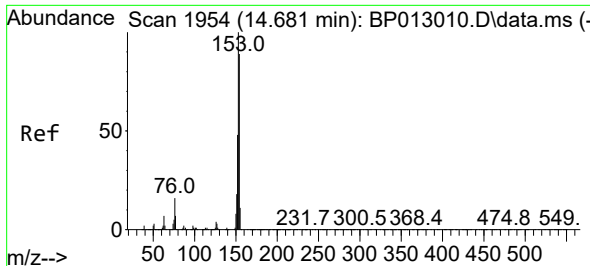
Tgt Ion:152 Resp: 5277266
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.5 10.6 16.0



#51
3-Nitroaniline
Concen: 38.557 ng/ul
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:138 Resp: 907754
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 110.2 88.4 132.6

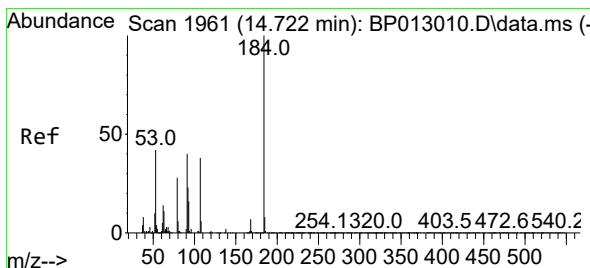
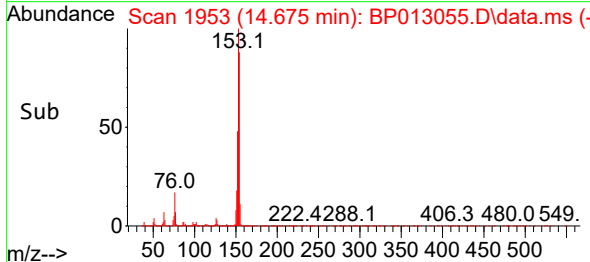
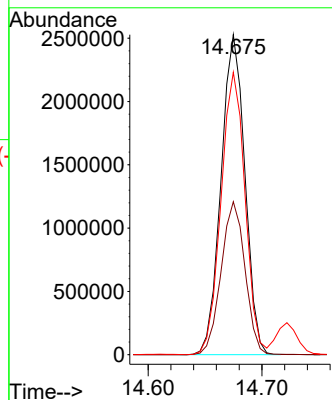
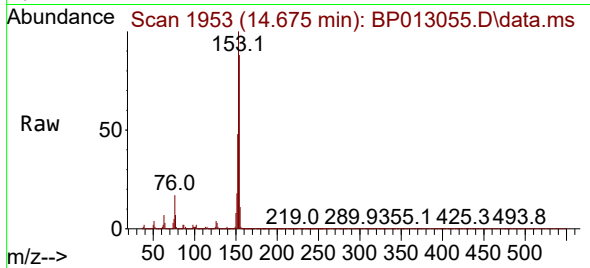




#52
Acenaphthene
Concen: 33.245 ng/ul
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

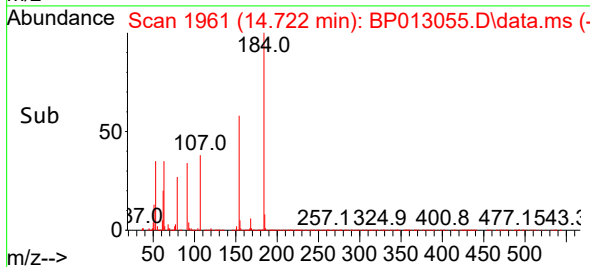
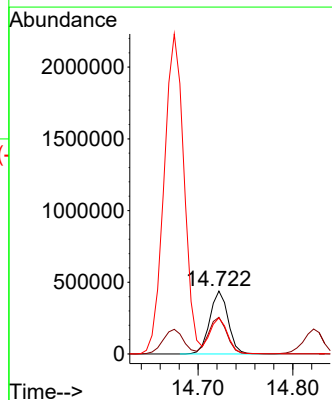
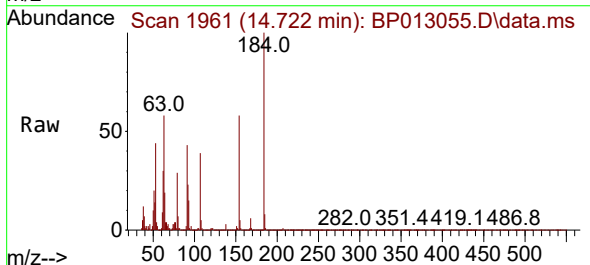
Instrument :
BNA_P
ClientSampleId :

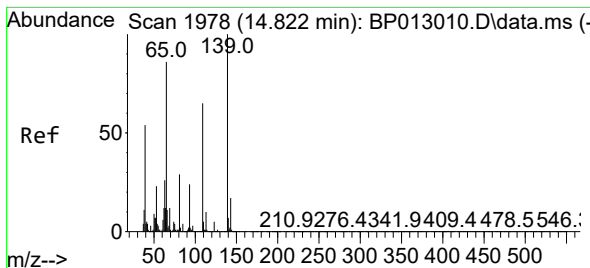
Tgt Ion:153 Resp: 3683987
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 88.3 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 34.661 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:184 Resp: 590740
Ion Ratio Lower Upper
184 100
63 58.2 48.4 72.6
154 57.5 45.5 68.3

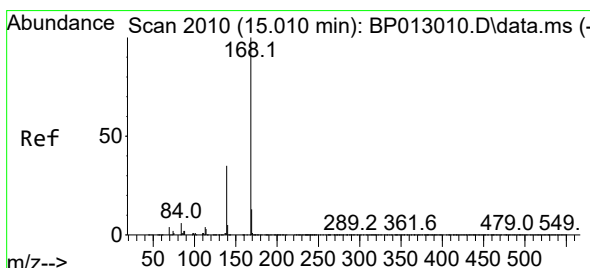
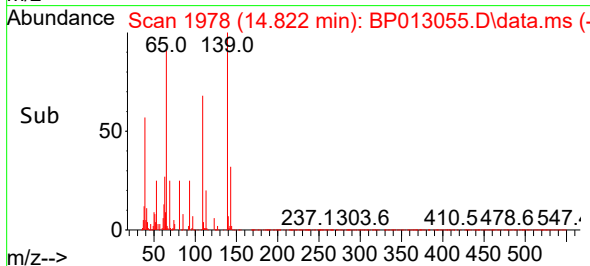
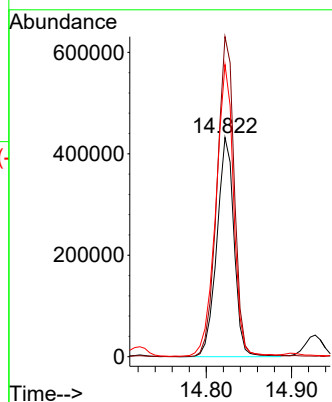
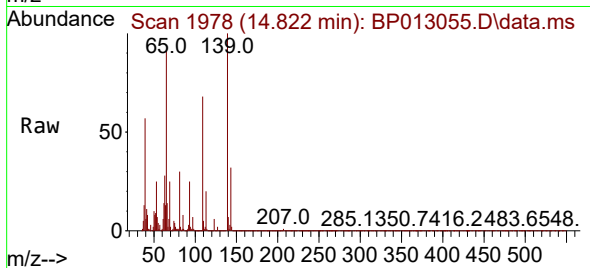




#55
4-Nitrophenol
Concen: 36.401 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

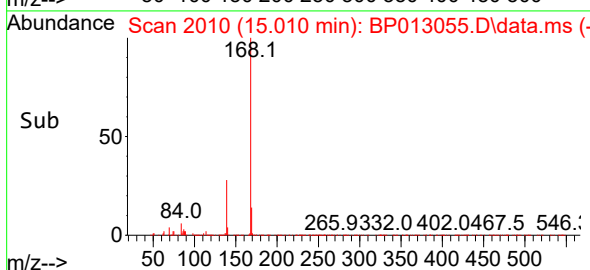
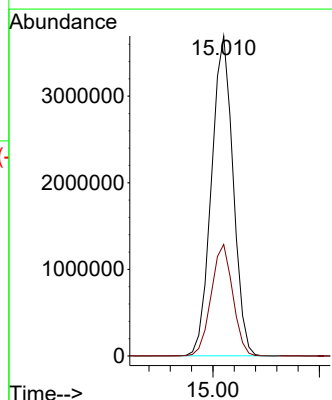
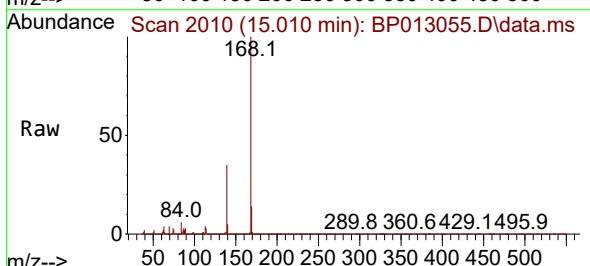
Instrument :
BNA_P
ClientSampleId :

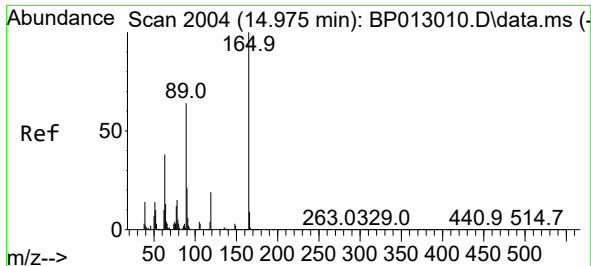
Tgt Ion:109 Resp: 604764
Ion Ratio Lower Upper
109 100
139 146.0 120.8 181.2
65 133.3 107.9 161.9



#56
Dibenzofuran
Concen: 33.033 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:168 Resp: 5204395
Ion Ratio Lower Upper
168 100
139 34.8 27.9 41.9





#57

2,4-Dinitrotoluene

Concen: 37.307 ng/ul

RT: 14.975 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

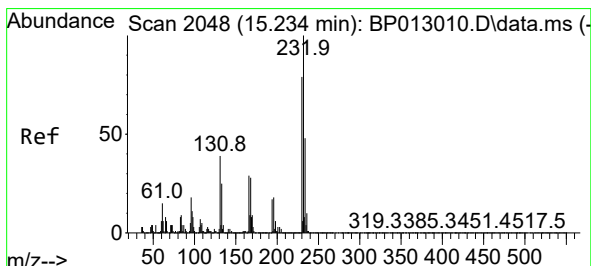
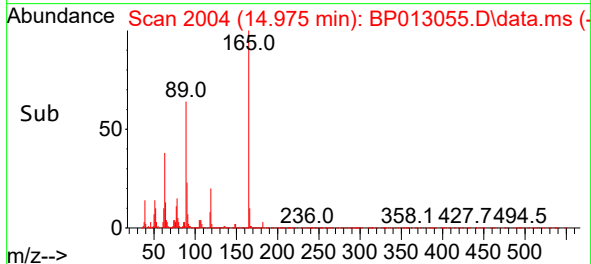
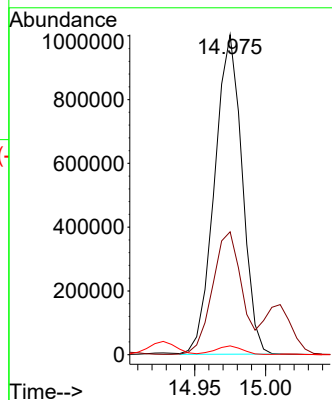
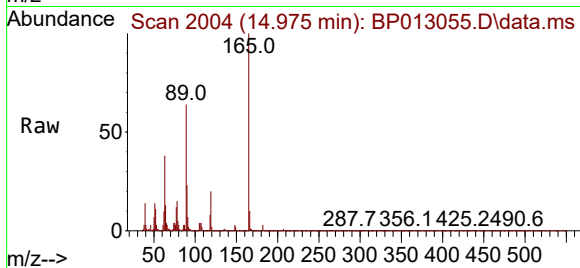
Tgt Ion:165 Resp: 1351150

Ion Ratio Lower Upper

165 100

63 38.4 31.8 47.6

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.262 ng/ul

RT: 15.234 min Scan# 2048

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Tgt Ion:232 Resp: 1259871

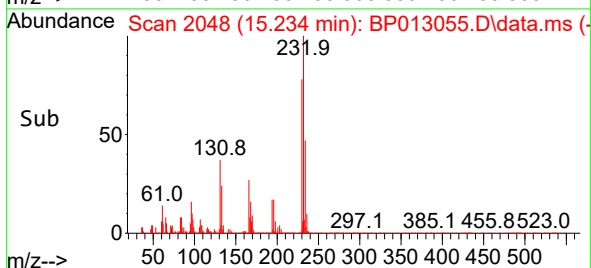
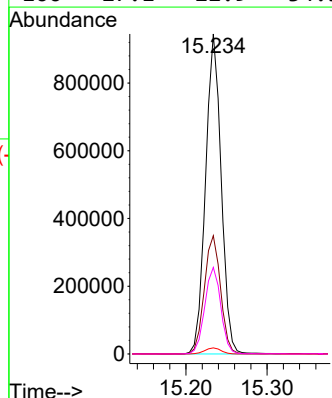
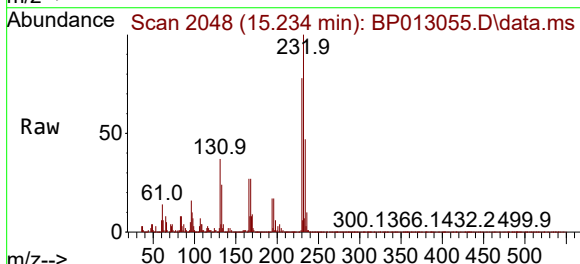
Ion Ratio Lower Upper

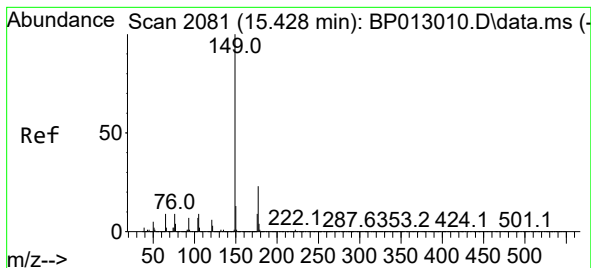
232 100

131 36.9 31.8 47.6

130 1.9 1.8 2.6

166 27.1 22.9 34.3





#59

Diethylphthalate

Concen: 34.183 ng/ul

RT: 15.428 min Scan# 2081

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

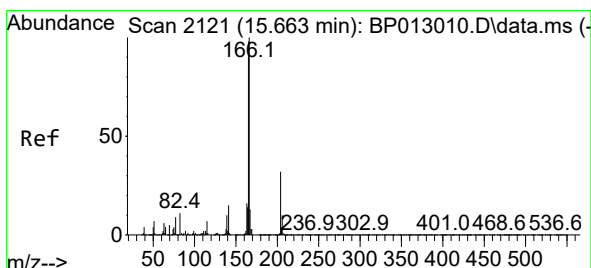
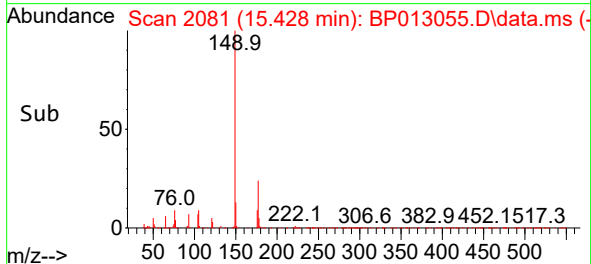
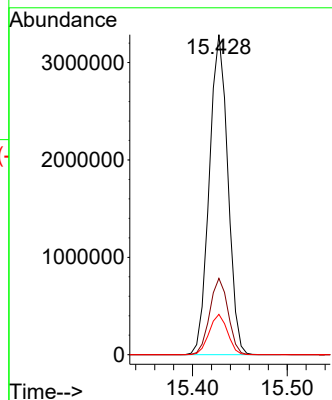
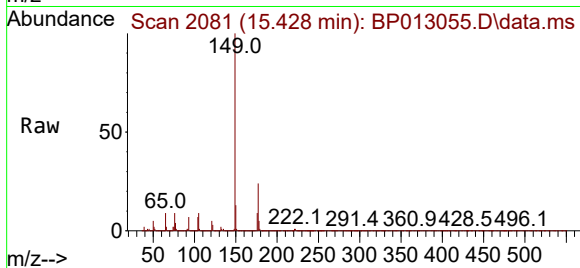
Tgt Ion:149 Resp: 4458185

Ion Ratio Lower Upper

149 100

177 23.9 18.4 27.6

150 12.6 9.9 14.9



#61

Fluorene

Concen: 33.359 ng/ul

RT: 15.663 min Scan# 2121

Delta R.T. 0.006 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

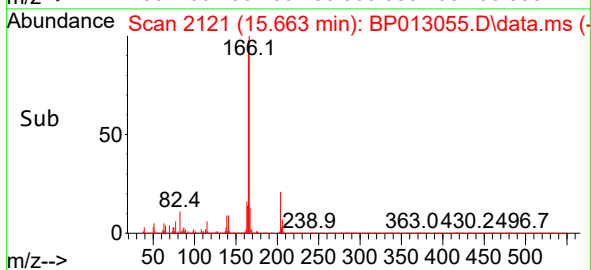
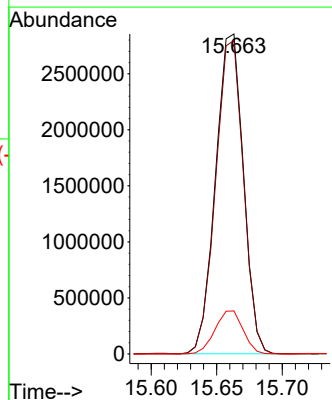
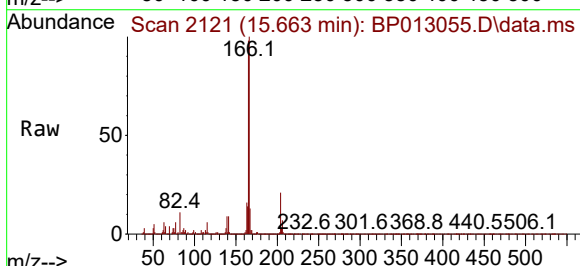
Tgt Ion:166 Resp: 4215163

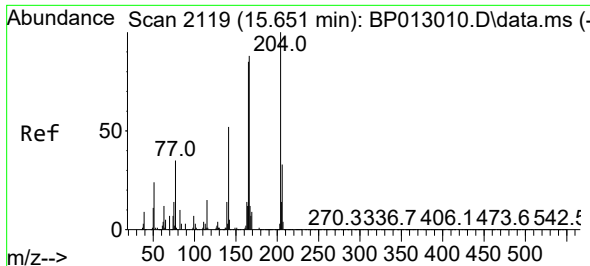
Ion Ratio Lower Upper

166 100

165 97.9 77.4 116.2

167 13.4 10.6 16.0

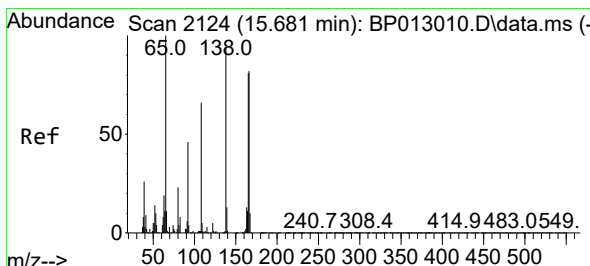
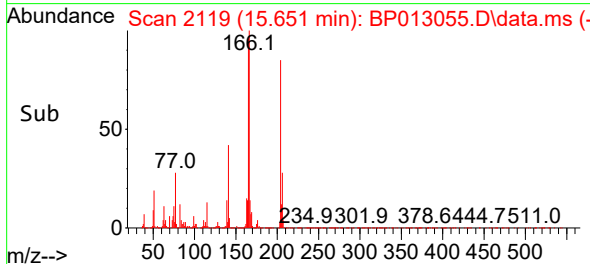
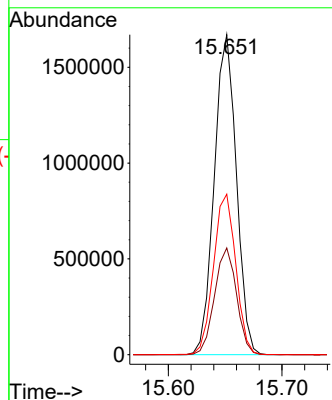
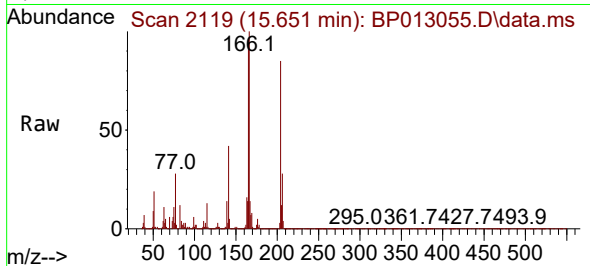




#62
4-Chlorophenyl-phenylether
Concen: 33.828 ng/ul
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

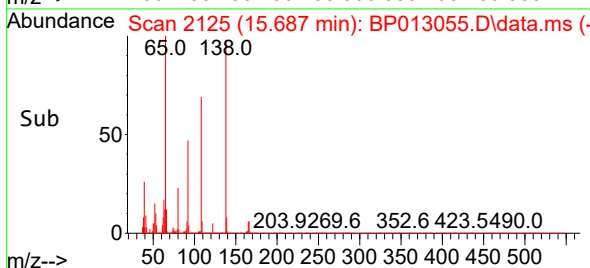
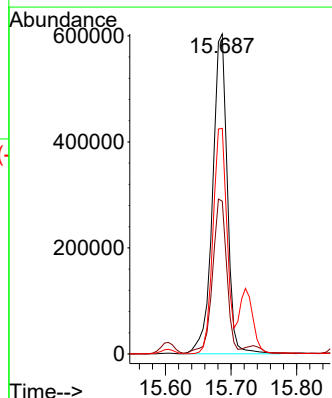
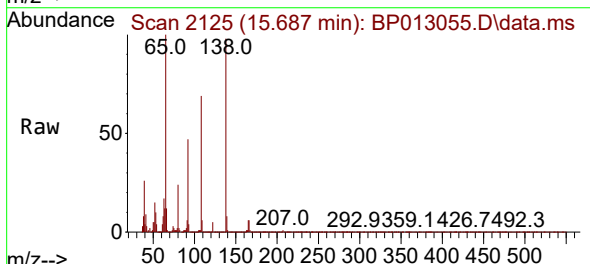
Instrument :
BNA_P
ClientSampleId :

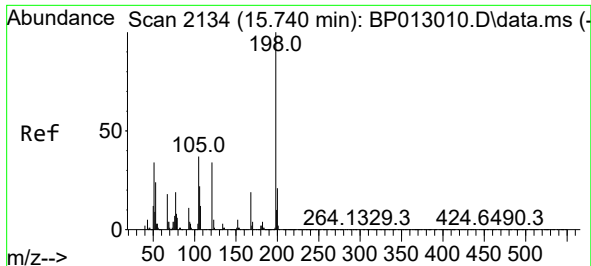
Tgt Ion:204 Resp: 2260405
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 50.2 40.4 60.6



#63
4-Nitroaniline
Concen: 45.483 ng/ul
RT: 15.687 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:138 Resp: 942259
Ion Ratio Lower Upper
138 100
92 47.8 39.0 58.4
108 70.5 55.1 82.7

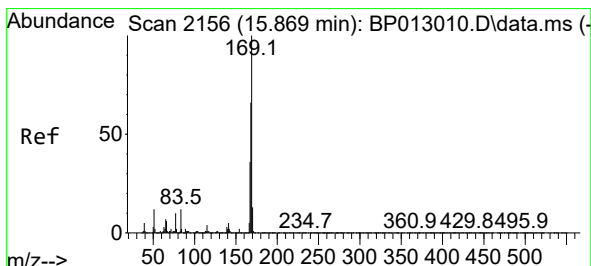
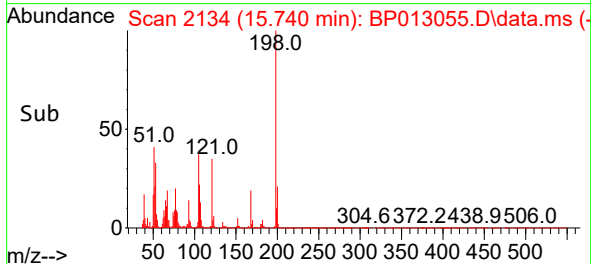
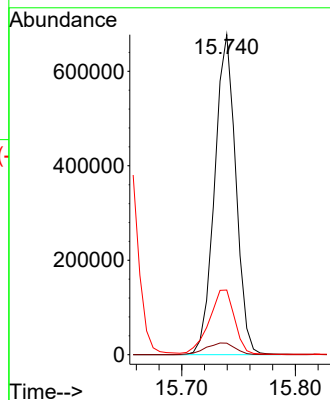
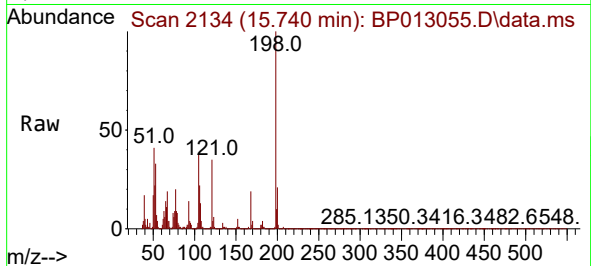




#66
4,6-Dinitro-2-methylphenol
Concen: 35.131 ng/ul
RT: 15.740 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

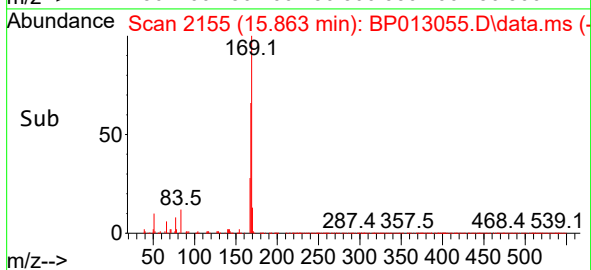
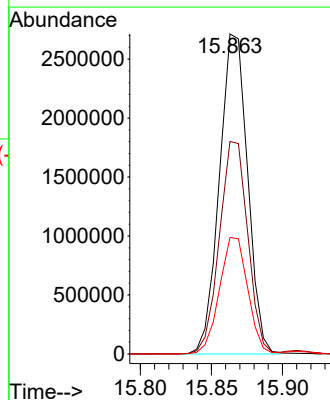
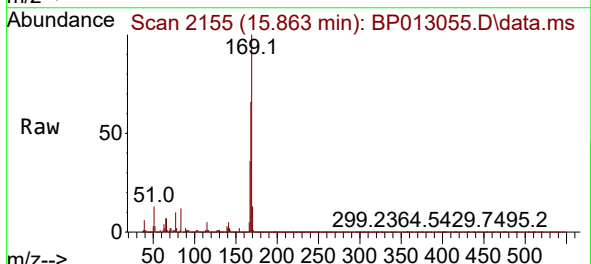
Instrument :
BNA_P
ClientSampleId :

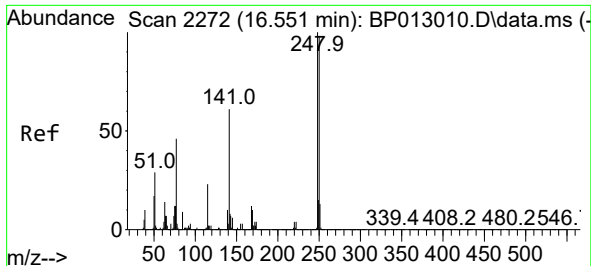
Tgt Ion:198 Resp: 878602
Ion Ratio Lower Upper
198 100
182 3.6 3.3 4.9
77 20.2 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 33.995 ng/ul
RT: 15.863 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:169 Resp: 3748076
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.4 29.1 43.7

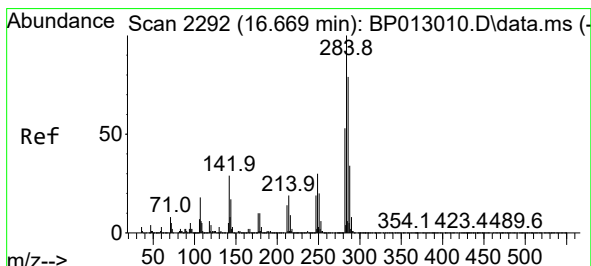
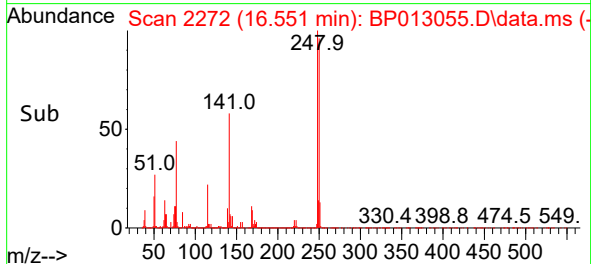
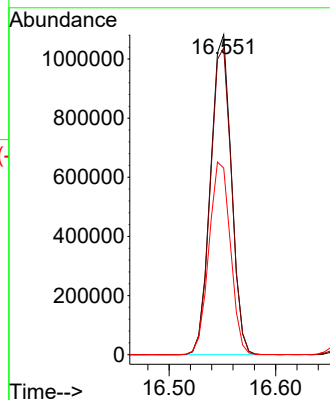
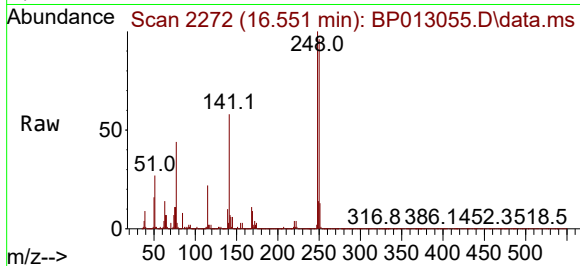




#68
4-Bromophenyl-phenylether
Concen: 33.973 ng/ul
RT: 16.551 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

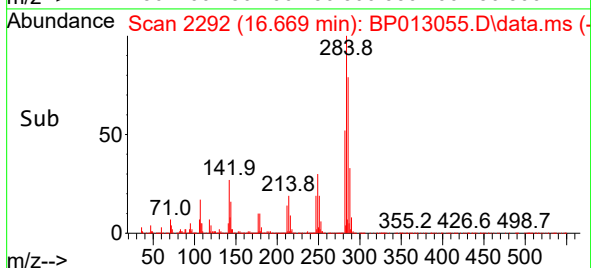
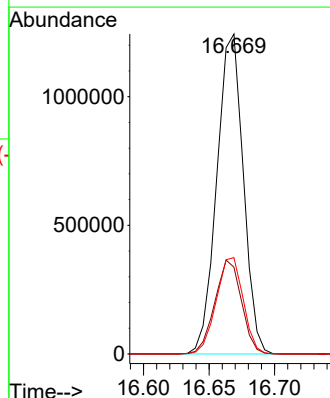
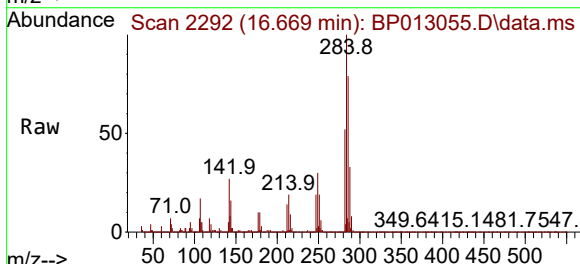
Instrument :
BNA_P
ClientSampleId :

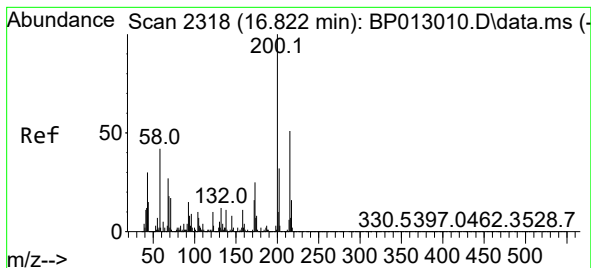
Tgt Ion:248 Resp: 1467212
Ion Ratio Lower Upper
248 100
250 95.9 77.4 116.0
141 58.3 48.3 72.5



#69
Hexachlorobenzene
Concen: 34.064 ng/ul
RT: 16.669 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:284 Resp: 1746843
Ion Ratio Lower Upper
284 100
142 27.1 22.6 34.0
249 30.1 24.6 37.0





#70

Atrazine

Concen: 30.881 ng/ul

RT: 16.822 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

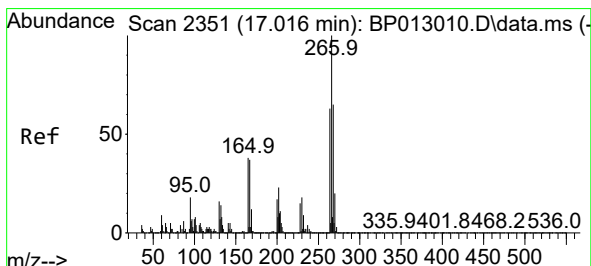
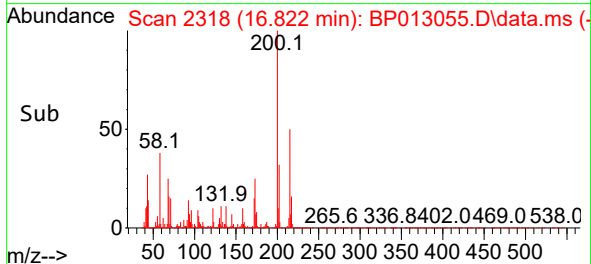
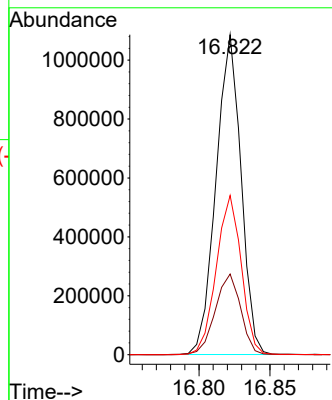
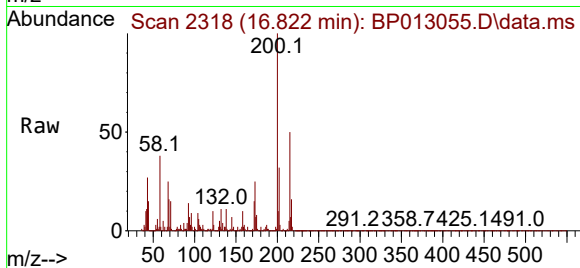
Tgt Ion:200 Resp: 1326829

Ion Ratio Lower Upper

200 100

173 25.2 20.5 30.7

215 49.7 39.9 59.9



#71

Pentachlorophenol

Concen: 34.008 ng/ul

RT: 17.010 min Scan# 2350

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

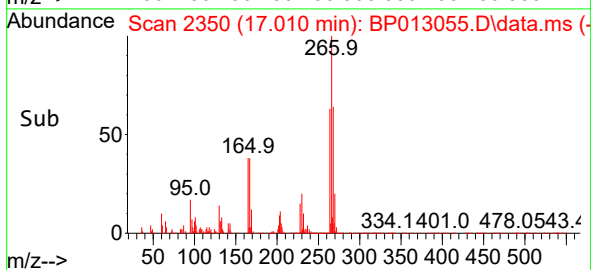
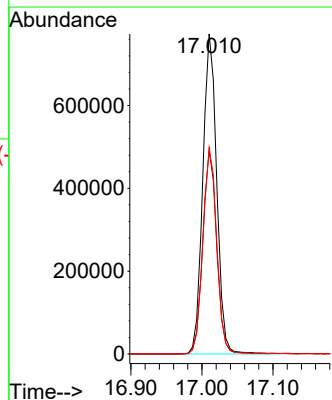
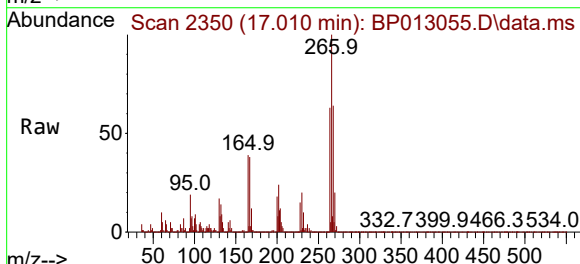
Tgt Ion:266 Resp: 1056137

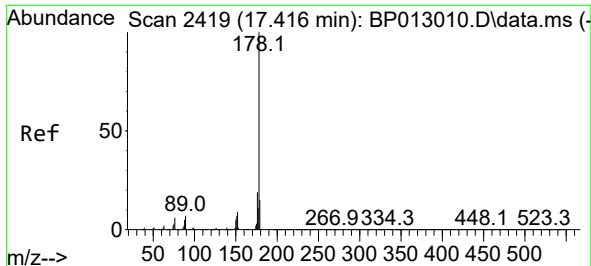
Ion Ratio Lower Upper

266 100

264 63.5 50.9 76.3

268 64.5 51.4 77.2

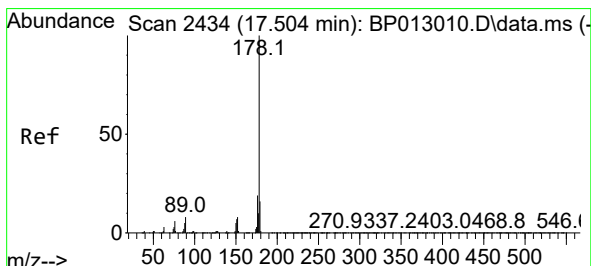
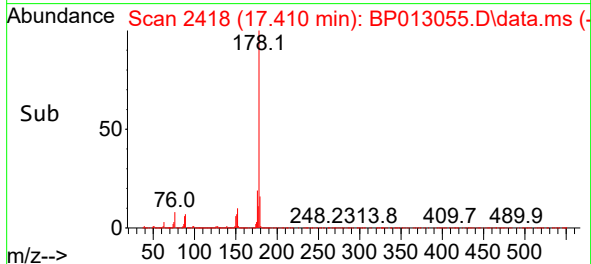
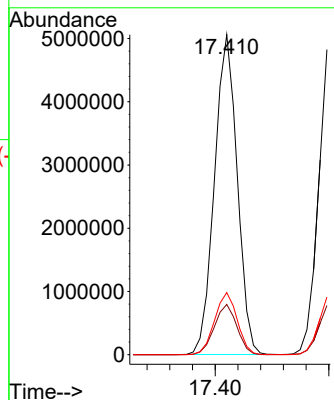
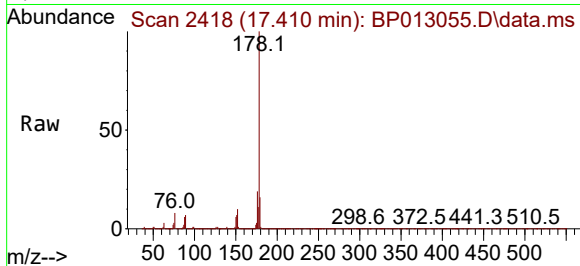




#72
Phenanthrene
Concen: 33.973 ng/ul
RT: 17.410 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

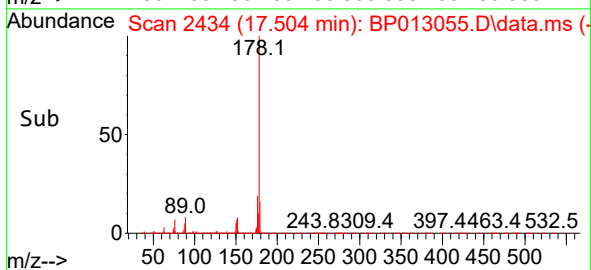
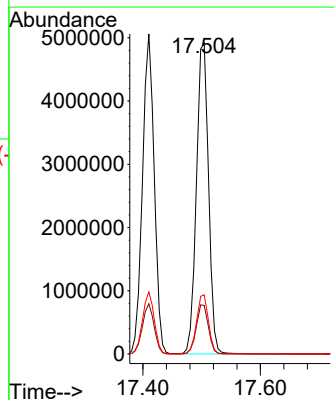
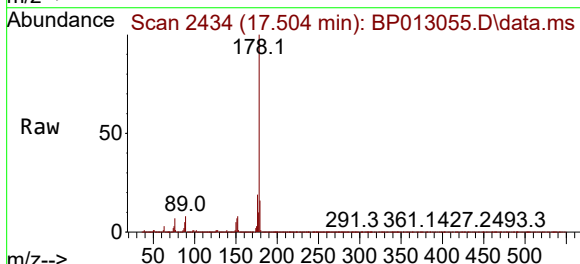
Instrument :
BNA_P
ClientSampleId :

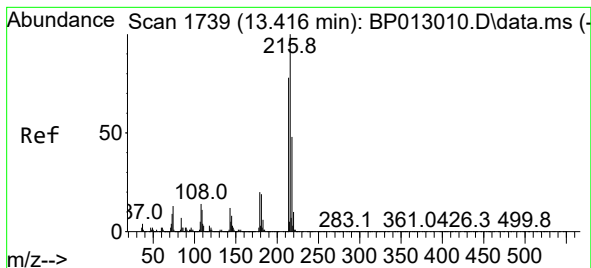
Tgt Ion:178 Resp: 7037058
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.4 15.4 23.0



#74
Anthracene
Concen: 33.965 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:178 Resp: 7024962
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.1 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.975 ng/uL

RT: 13.410 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

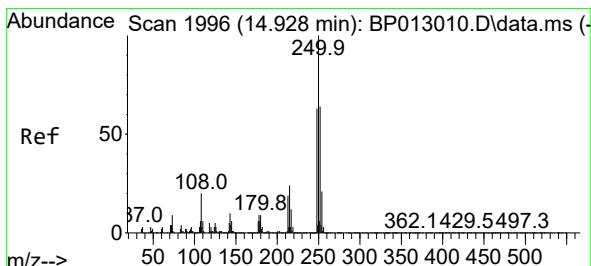
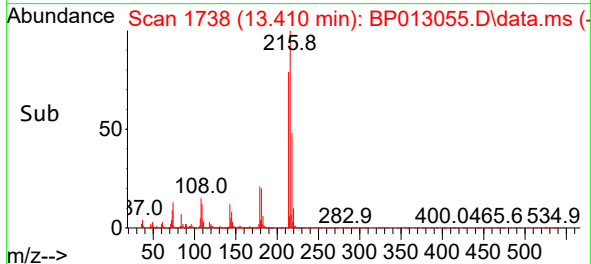
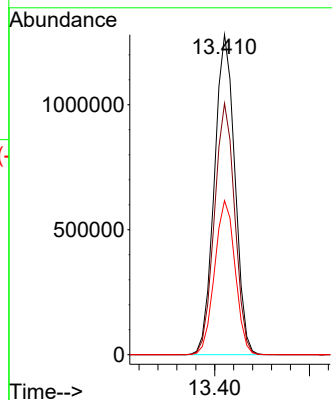
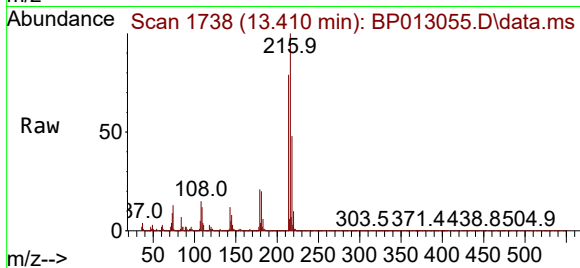
Tgt Ion:216 Resp: 1927703

Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.2

218 48.2 38.9 58.3



#76

Pentachlorobenzene

Concen: 32.968 ng/uL

RT: 14.928 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

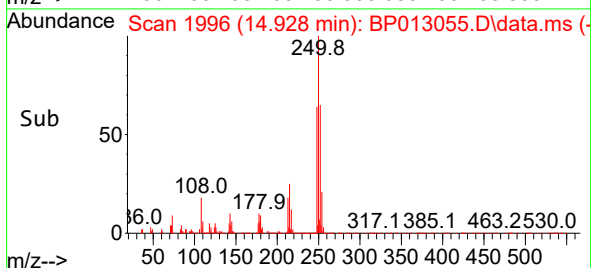
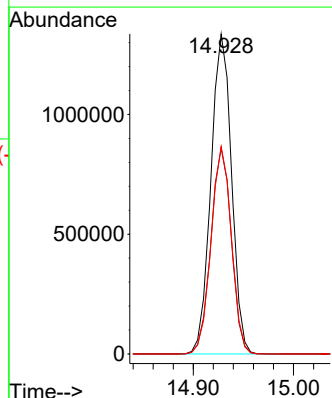
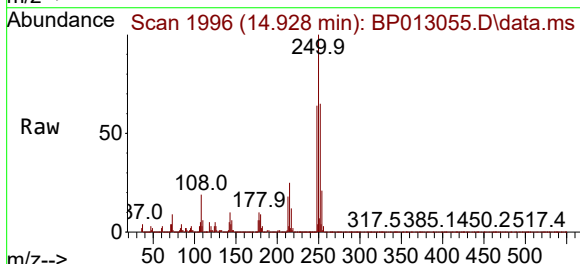
Tgt Ion:250 Resp: 1907141

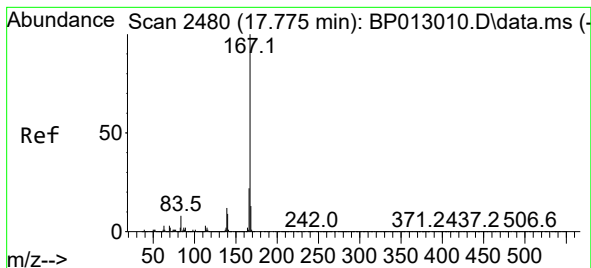
Ion Ratio Lower Upper

250 100

248 64.3 50.6 76.0

252 64.8 51.1 76.7





#77

Carbazole

Concen: 36.858 ng/ul

RT: 17.769 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

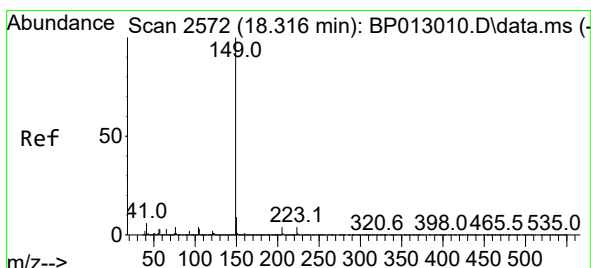
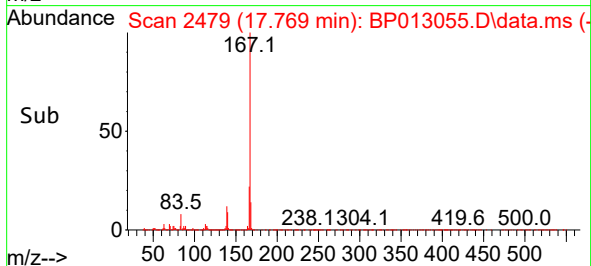
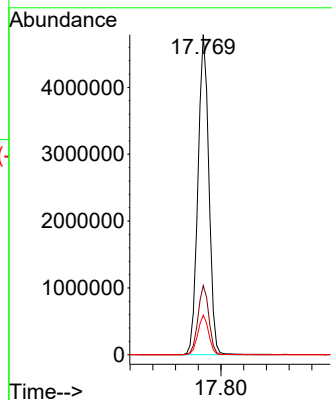
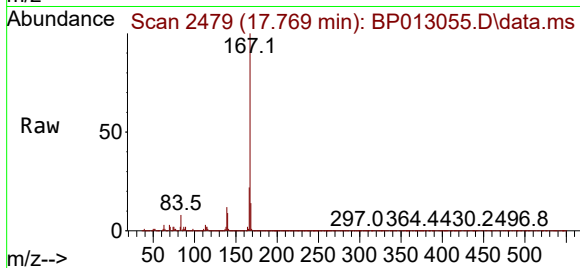
Tgt Ion:167 Resp: 6419956

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.3 9.4 14.2



#78

Di-n-butylphthalate

Concen: 36.811 ng/ul

RT: 18.310 min Scan# 2571

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

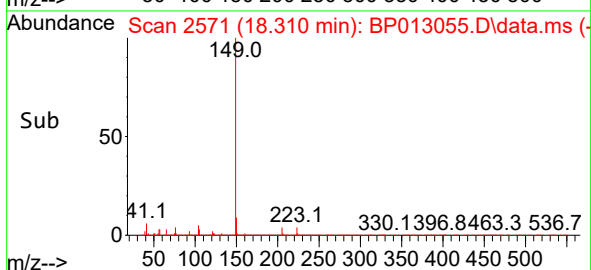
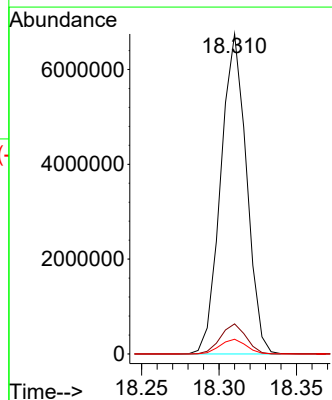
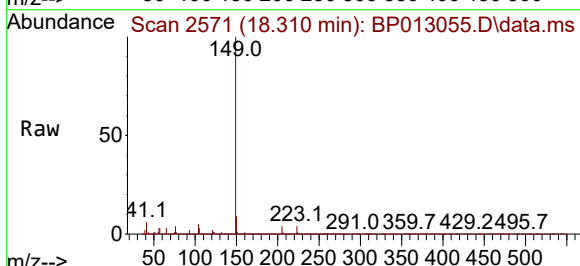
Tgt Ion:149 Resp: 7806947

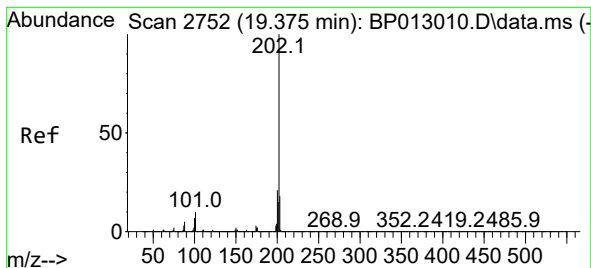
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.6 3.8 5.6





#80

Fluoranthene

Concen: 35.480 ng/ul

RT: 19.369 min Scan# 2751

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

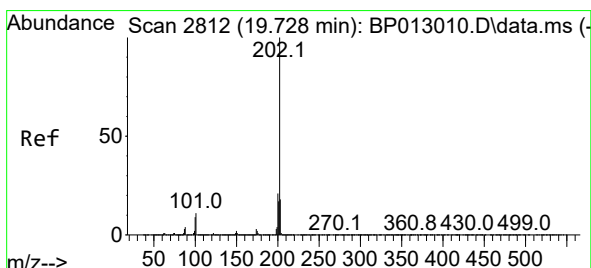
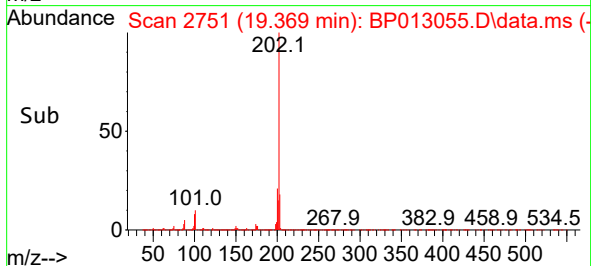
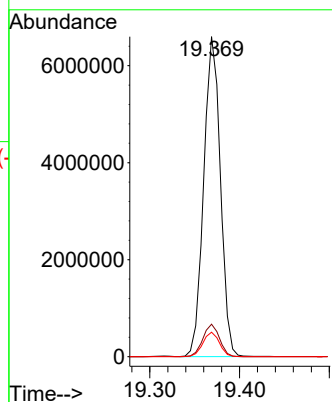
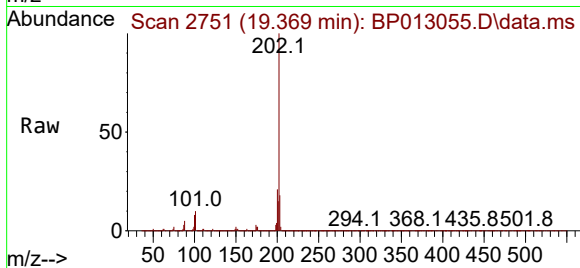
Tgt Ion:202 Resp: 8510513

Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.2

100 7.7 6.1 9.1



#82

Pyrene

Concen: 34.893 ng/ul

RT: 19.728 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

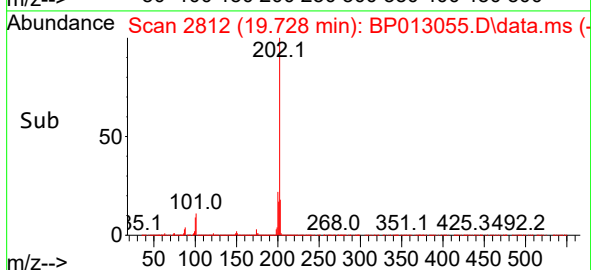
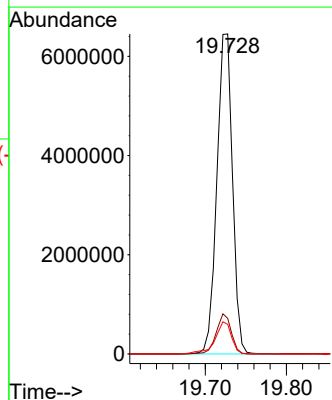
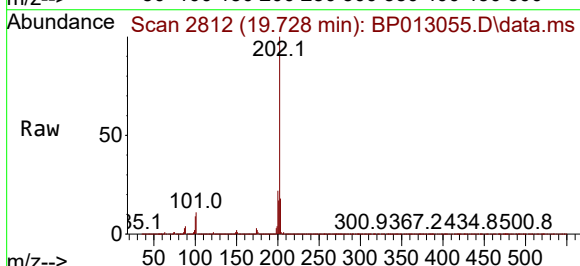
Tgt Ion:202 Resp: 8633824

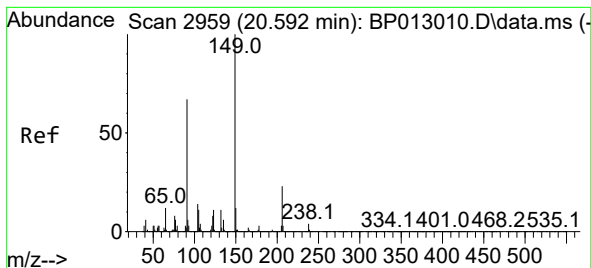
Ion Ratio Lower Upper

202 100

101 11.1 9.4 14.2

100 9.2 7.8 11.8





#83

Butylbenzylphthalate

Concen: 36.938 ng/ul

RT: 20.586 min Scan# 2958

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

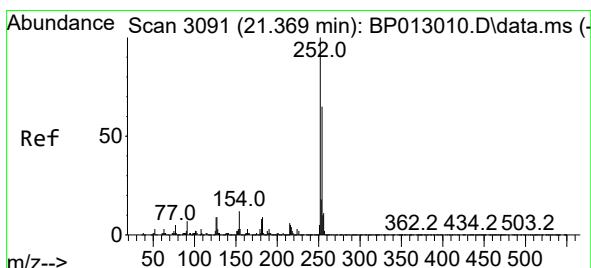
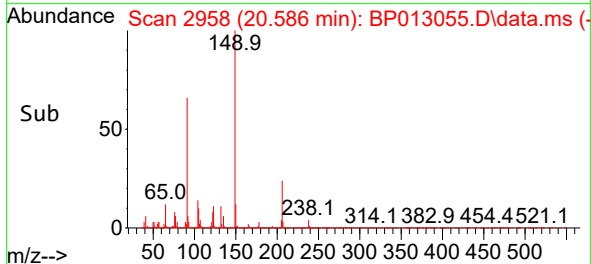
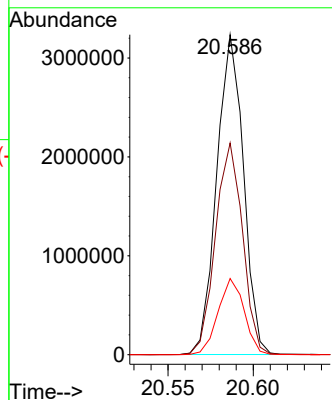
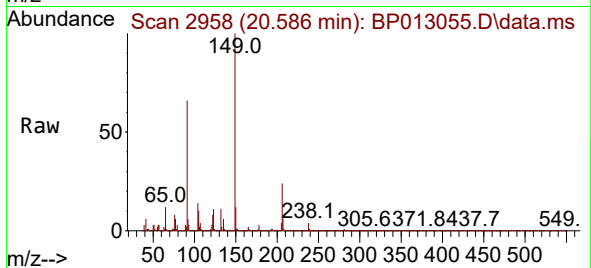
Tgt Ion:149 Resp: 3530936

Ion Ratio Lower Upper

149 100

91 66.2 53.4 80.0

206 23.8 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 34.028 ng/ul

RT: 21.363 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

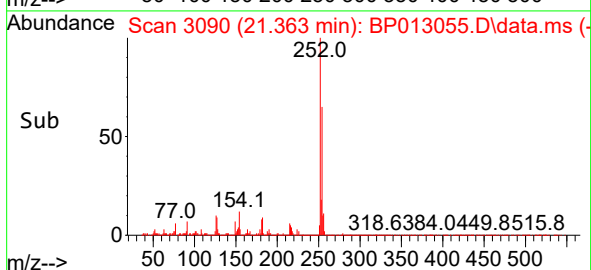
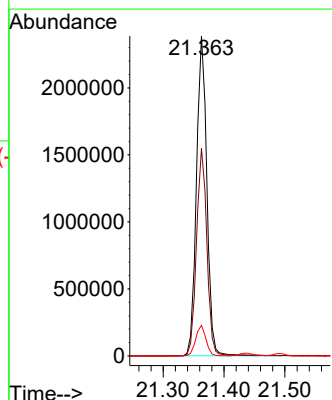
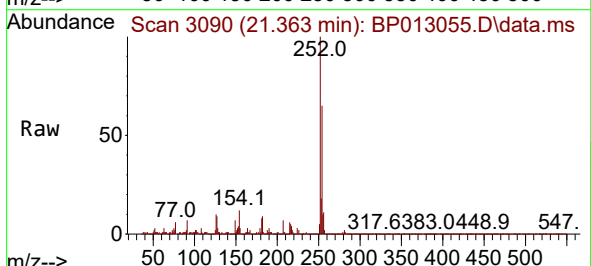
Tgt Ion:252 Resp: 2830382

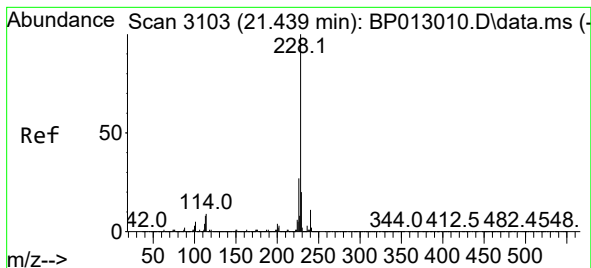
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

126 9.5 7.4 11.2





#85

Benzo(a)anthracene

Concen: 34.772 ng/ul

RT: 21.433 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

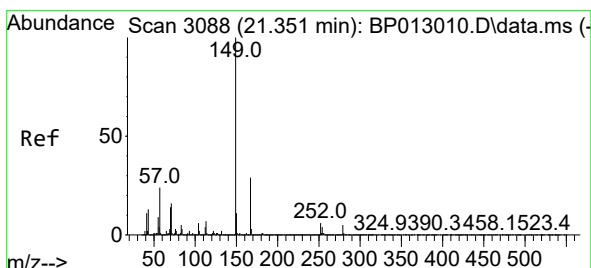
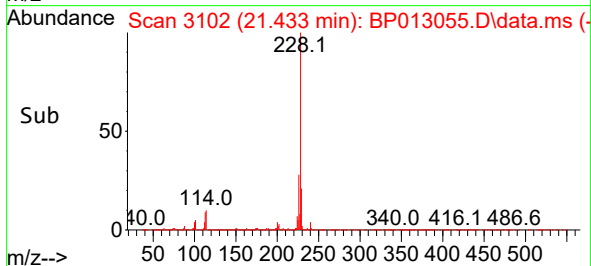
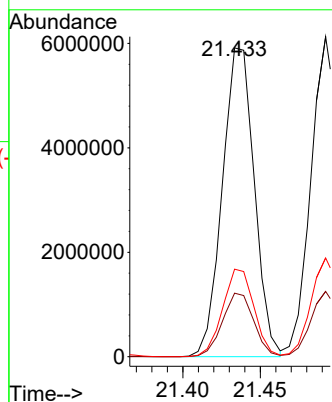
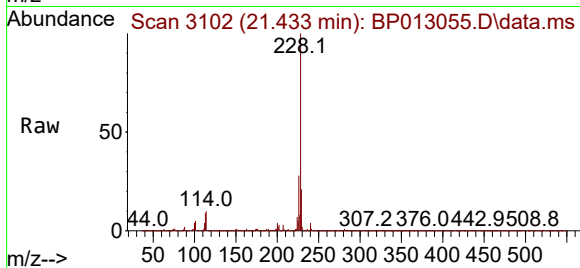
Tgt Ion:228 Resp: 8499198

Ion Ratio Lower Upper

228 100

229 20.6 16.1 24.1

226 28.3 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.158 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

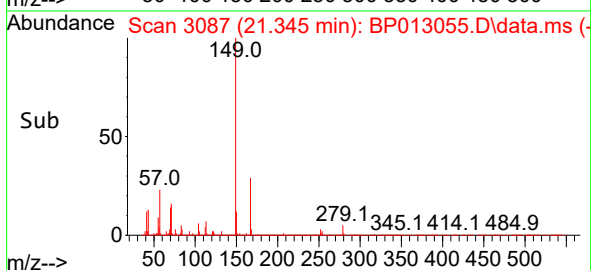
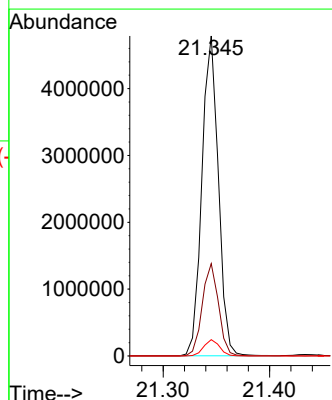
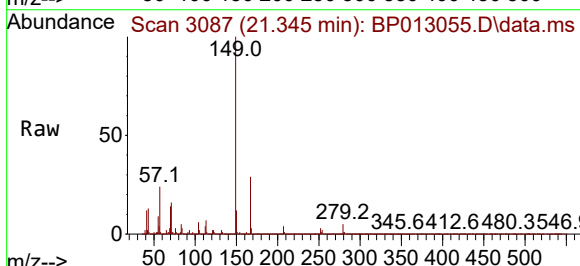
Tgt Ion:149 Resp: 5145322

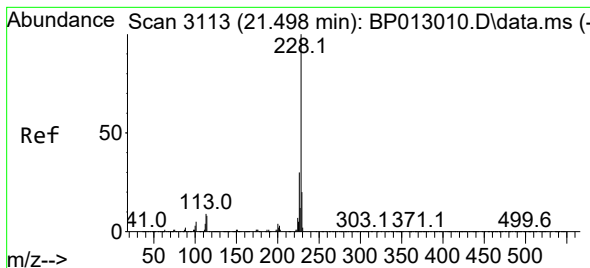
Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

279 5.1 3.8 5.8





#87

Chrysene

Concen: 34.547 ng/ul

RT: 21.492 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

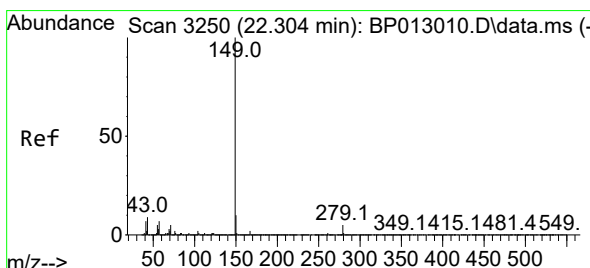
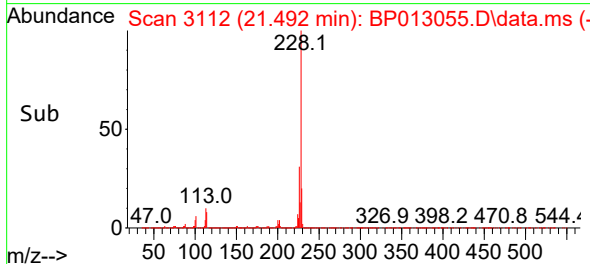
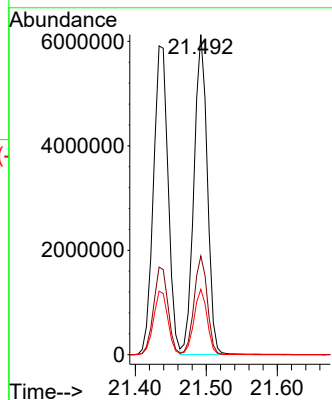
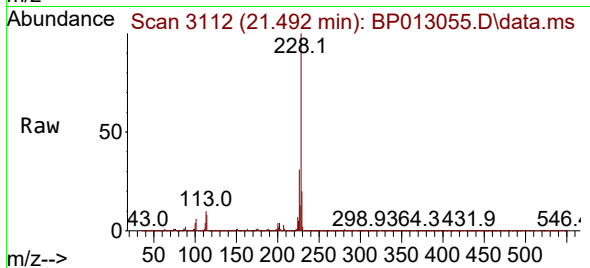
Tgt Ion:228 Resp: 7985425

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 20.4 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 42.478 ng/ul

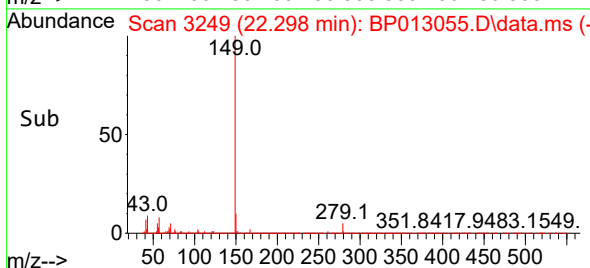
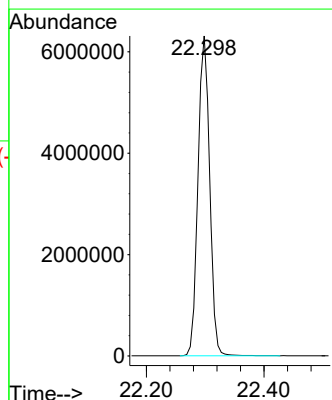
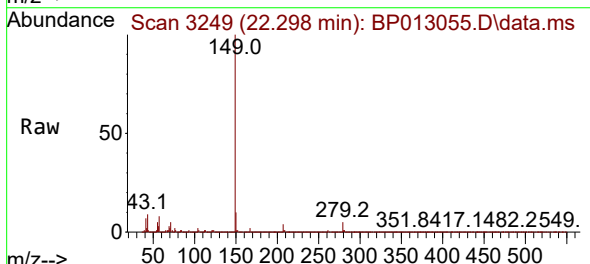
RT: 22.298 min Scan# 3249

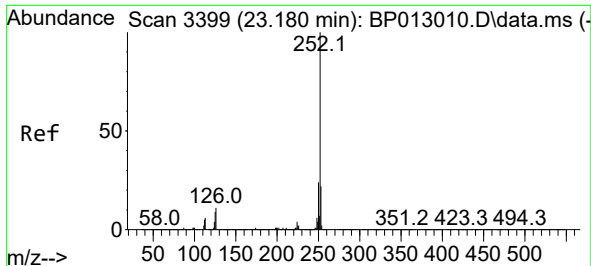
Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Tgt Ion:149 Resp: 8703146

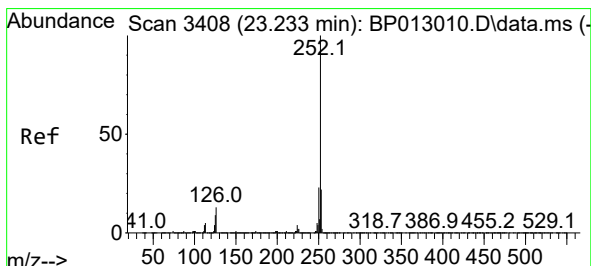
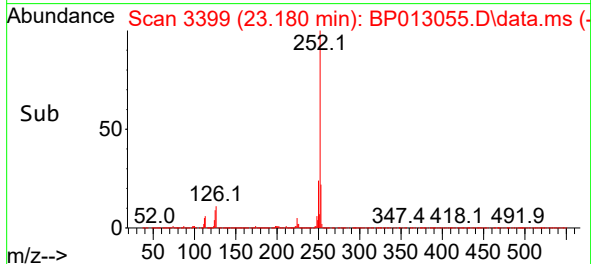
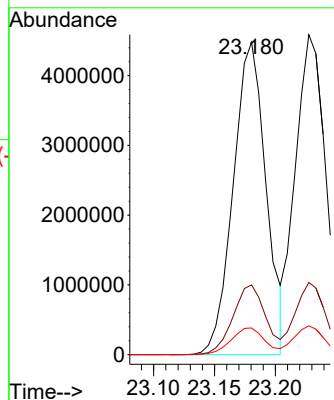
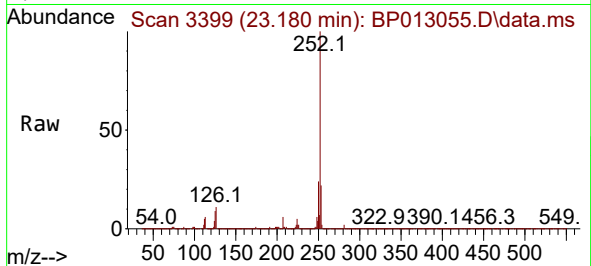




#90
Benzo(b)fluoranthene
Concen: 35.936 ng/ul
RT: 23.180 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

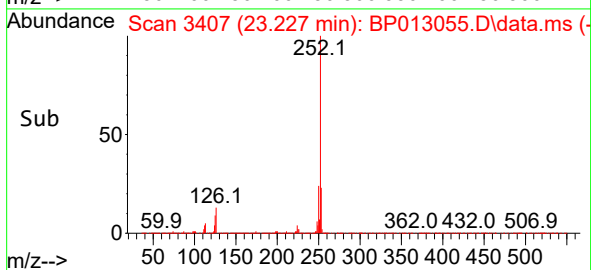
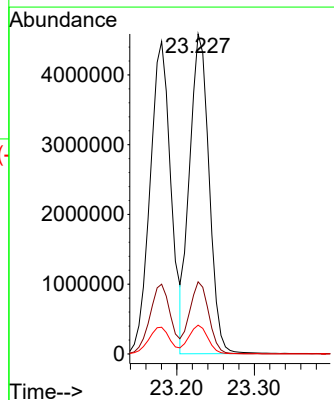
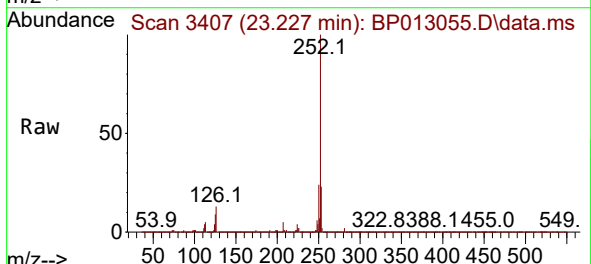
Instrument :
BNA_P
ClientSampleId :

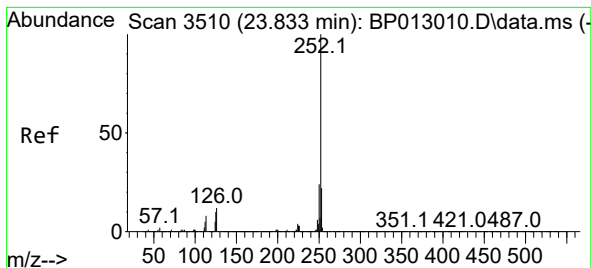
Tgt Ion:252 Resp: 8380747
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.6 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 34.664 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP013055.D
Acq: 10 Dec 2022 23:50

Tgt Ion:252 Resp: 8016244
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.0 6.8 10.2





#93

Benzo(a)pyrene

Concen: 34.765 ng/ul

RT: 23.833 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

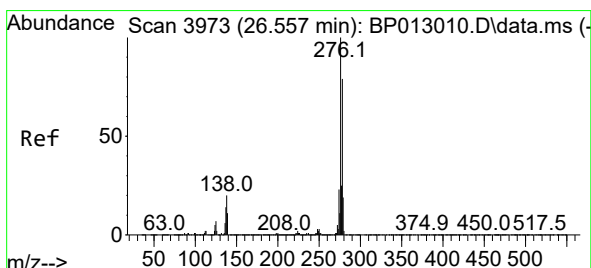
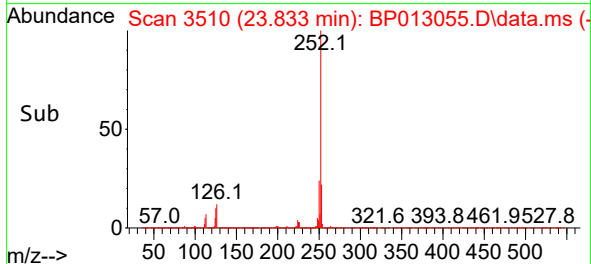
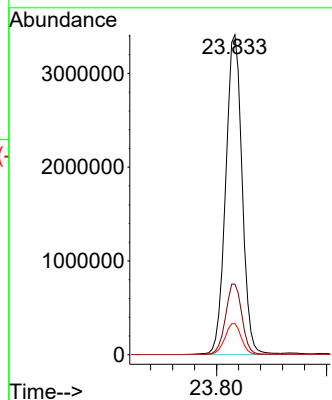
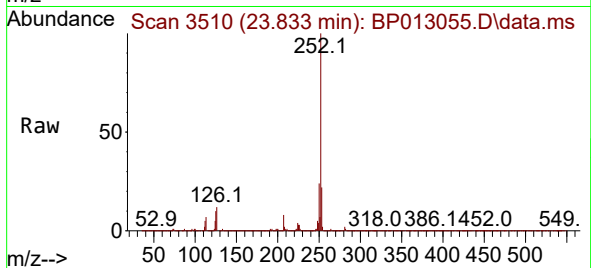
Tgt Ion:252 Resp: 7059507

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.7 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.047 ng/ul

RT: 26.545 min Scan# 3971

Delta R.T. 0.000 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

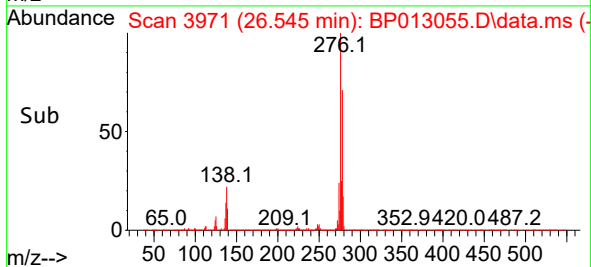
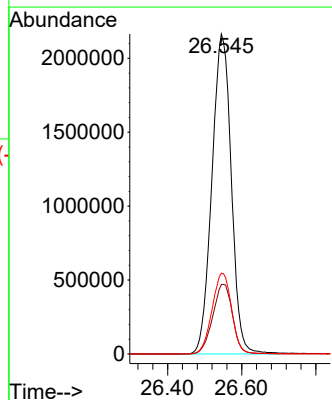
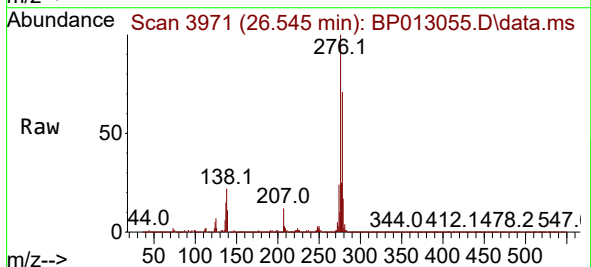
Tgt Ion:276 Resp: 7853042

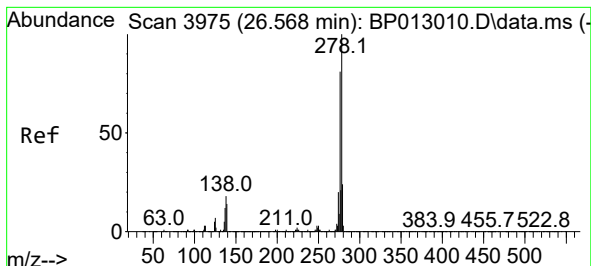
Ion Ratio Lower Upper

276 100

138 21.7 17.1 25.7

277 25.2 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 33.652 ng/ul

RT: 26.563 min Scan# 3974

Delta R.T. 0.006 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Instrument :

BNA_P

ClientSampleId :

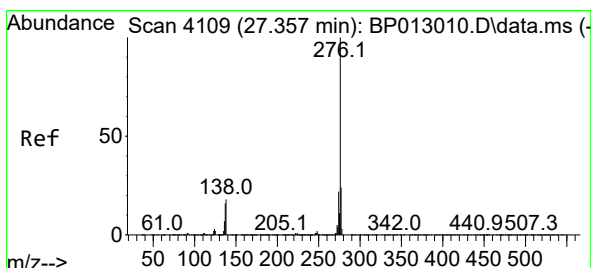
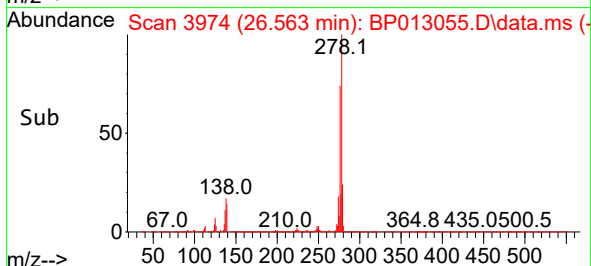
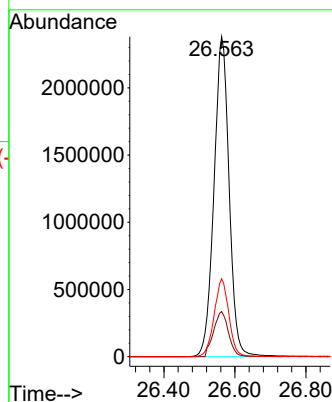
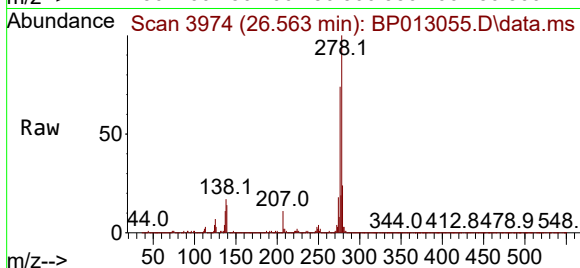
Tgt Ion:278 Resp: 7047458

Ion Ratio Lower Upper

278 100

139 14.1 11.1 16.7

279 24.3 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 31.434 ng/ul

RT: 27.351 min Scan# 4108

Delta R.T. 0.006 min

Lab File: BP013055.D

Acq: 10 Dec 2022 23:50

Tgt Ion:276 Resp: 6383133

Ion Ratio Lower Upper

276 100

138 18.5 15.4 23.2

277 24.0 19.1 28.7

