

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
 Data File : BP013777.D
 Acq On : 06 Feb 2023 18:07
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020757

Quant Time: Feb 06 23:56:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 23:44:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	244277	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1046126	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	753346	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1855850	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2066852	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	2160490	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	46415	8.056	ng/uL	0.00
4) Pyridine-d5	3.905	84	338434	20.472	ng/u1	0.00
7) Phenol-d5	7.269	99	429489	20.005	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	262223	20.825	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	316036	20.081	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	340989	19.923	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	149282	22.369	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	172914	22.233	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	383730	21.099	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	498670	20.760	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1193756	20.102	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1336099	20.364	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	179359	17.919	ng/u1	0.00
60) Fluorene-d10	15.751	176	1065510	20.817	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	152757	14.688	ng/u1	0.00
73) Anthracene-d10	17.616	188	1793654	20.734	ng/u1	0.00
81) Pyrene-d10	19.833	212	2321875	20.142	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2278691	20.661	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.511	88	50316	8.380	ng/uL	96
5) Pyridine	3.928	79	333763	20.051	ng/u1	98
6) Benzaldehyde	7.258	77	193375	22.464	ng/u1	97
8) Phenol	7.299	94	452853	20.611	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.540	93	360997	20.447	ng/u1	98
12) 2-Chlorophenol	7.687	128	327498	20.540	ng/u1	98
13) 2-Methylphenol	8.563	108	332590	19.826	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	421244	20.152	ng/u1	97
16) Acetophenone	8.958	105	560126	20.993	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.940	70	269367	20.154	ng/u1	99
18) 4-Methylphenol	8.893	108	374587	20.560	ng/u1	99
19) Hexachloroethane	9.222	117	128700	20.622	ng/u1	93
22) Nitrobenzene	9.340	77	394240	21.872	ng/u1	100
23) Isophorone	9.869	82	791365	19.177	ng/u1	99
25) 2-Nitrophenol	10.057	139	189289	21.997	ng/u1	97
26) 2,4-Dimethylphenol	10.110	107	404096	20.784	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.352	93	507327	20.286	ng/u1	100
29) 2,4-Dichlorophenol	10.593	162	375268	21.321	ng/u1	99
30) Naphthalene	11.004	128	1147813	20.760	ng/u1	98
32) 4-Chloroaniline	11.110	127	509092	21.059	ng/u1	99
33) Hexachlorobutadiene	11.287	225	270900	21.823	ng/u1	98
34) Caprolactam	11.887	113	113233	19.027	ng/u1	98
35) 4-Chloro-3-methylphenol	12.216	107	383937	20.366	ng/u1	97
36) 2-Methylnaphthalene	12.599	142	815152	20.712	ng/u1	99

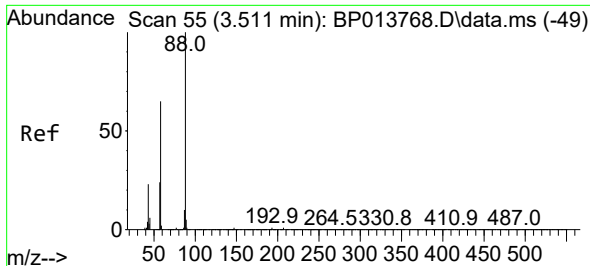
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	835955	21.031	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	549800	22.094	ng/ul	99
40) Hexachlorocyclopentadiene	12.946	237	251162	17.951	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	346066	20.993	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	376064	20.933	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1163551	20.399	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	929778	20.604	ng/ul	100
45) 2-Nitroaniline	13.845	65	199785	23.258	ng/ul	99
47) Dimethylphthalate	14.210	163	1174212	20.071	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	202427	24.279	ng/ul	97
50) Acenaphthylene	14.487	152	1432036	20.699	ng/ul	99
51) 3-Nitroaniline	14.663	138	177193	20.107	ng/ul	99
52) Acenaphthene	14.828	153	984715	20.712	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	81319	12.557	ng/ul	96
55) 4-Nitrophenol	14.957	109	135168	17.715	ng/ul	93
56) Dibenzofuran	15.157	168	1394158	20.188	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	298874	22.823	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.381	232	350596	20.764	ng/ul	97
59) Diethylphthalate	15.569	149	1119820	19.938	ng/ul	99
61) Fluorene	15.810	166	1186074	21.104	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	658640	21.511	ng/ul	96
63) 4-Nitroaniline	15.822	138	170283	20.636	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.881	198	155178	14.993	ng/ul	96
67) N-Nitrosodiphenylamine	16.010	169	1031499	20.592	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	432597	20.488	ng/ul	97
69) Hexachlorobenzene	16.816	284	518276	20.922	ng/ul	97
70) Atrazine	16.963	200	407105	20.193	ng/ul	99
71) Pentachlorophenol	17.157	266	291065	18.409	ng/ul	98
72) Phenanthrene	17.557	178	2039685	20.807	ng/ul	99
74) Anthracene	17.651	178	2065758	20.805	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	541316	20.474	ng/ul	99
76) Pentachlorobenzene	15.081	250	555794	20.505	ng/ul	99
77) Carbazole	17.910	167	1833005	21.280	ng/ul	99
78) Di-n-butylphthalate	18.445	149	1939406	19.056	ng/ul	99
80) Fluoranthene	19.504	202	2640638	19.653	ng/ul	98
82) Pyrene	19.857	202	2799759	20.381	ng/ul	98
83) Butylbenzylphthalate	20.716	149	798277	20.226	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	904368	19.265	ng/ul	100
85) Benzo(a)anthracene	21.575	228	2947659	20.745	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.475	149	1271116	18.785	ng/ul	99
87) Chrysene	21.633	228	2801135	20.939	ng/ul	99
89) Di-n-octyl phthalate	22.451	149	2179864	19.154	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	2954397	20.948	ng/ul	100
91) Benzo(k)fluoranthene	23.421	252	2958307	21.947	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2529346	20.773	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.862	276	2915257	19.325	ng/ul	99
95) Dibenzo(a,h)anthracene	26.880	278	2414396	19.306	ng/ul	100
96) Benzo(g,h,i)perylene	27.692	276	2318783	19.430	ng/ul	100

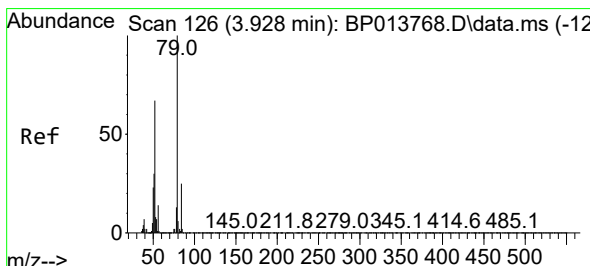
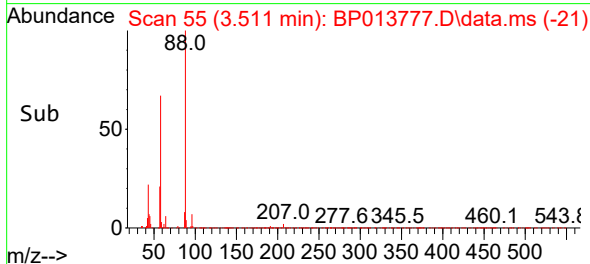
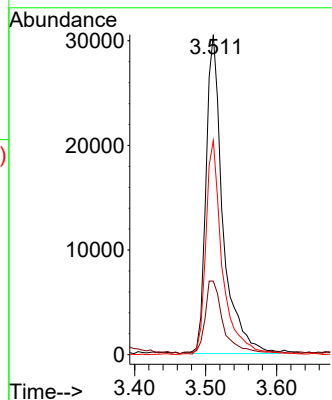
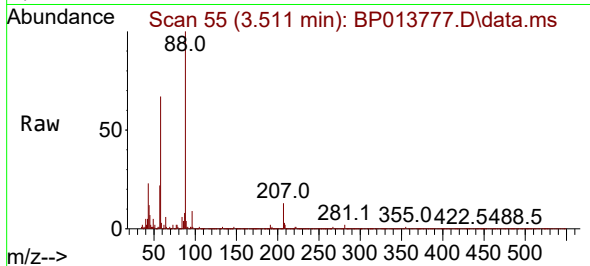
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#2
1,4-Dioxane
Concen: 8.380 ng/uL
RT: 3.511 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP013777.D
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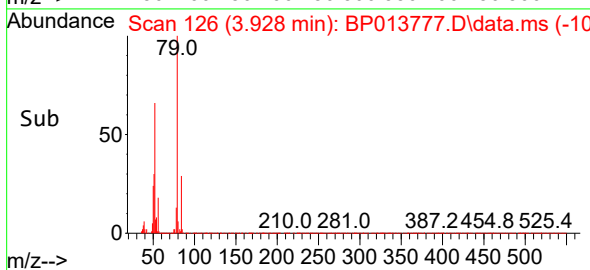
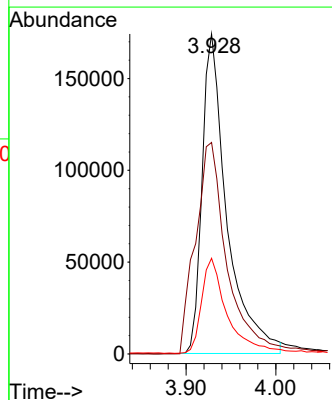
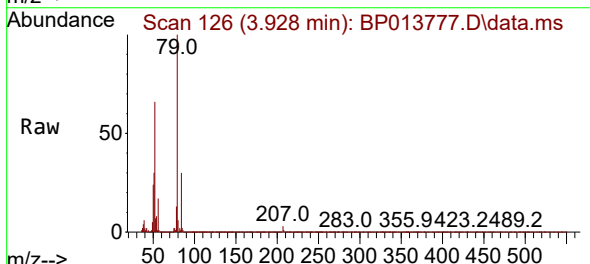
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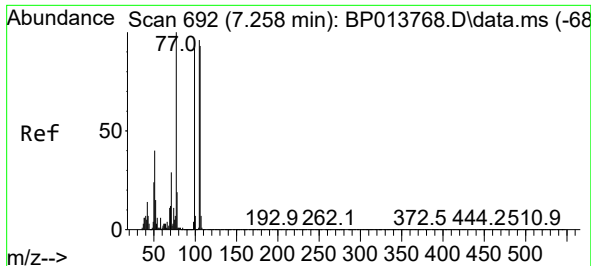
Tgt Ion: 88 Resp: 50316
Ion Ratio Lower Upper
88 100
43 23.0 22.2 33.4
58 66.9 54.9 82.3



#5
Pyridine
Concen: 20.051 ng/uL
RT: 3.928 min Scan# 126
Delta R.T. 0.000 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion: 79 Resp: 333763
Ion Ratio Lower Upper
79 100
52 66.1 53.8 80.6
51 29.9 25.1 37.7

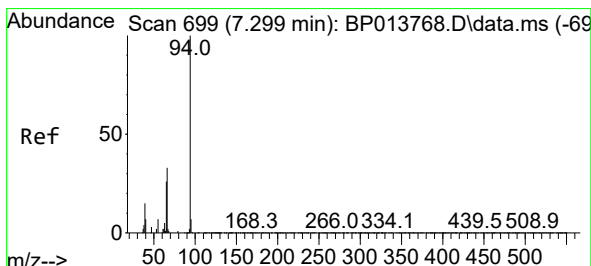
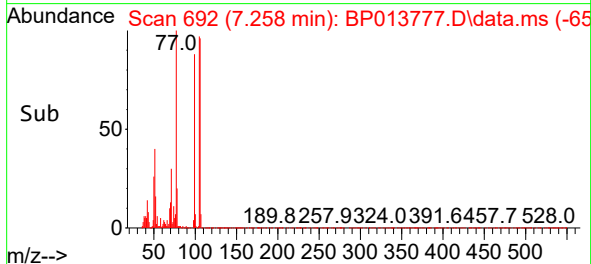
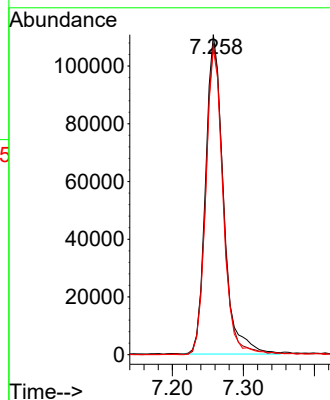
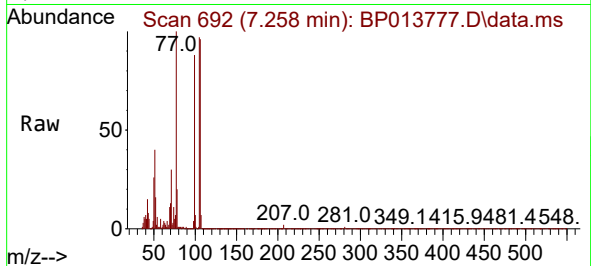




#6
Benzaldehyde
Concen: 22.464 ng/ul
RT: 7.258 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

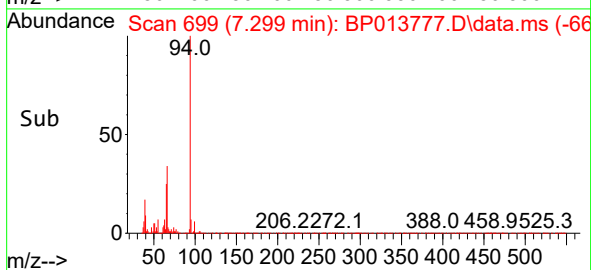
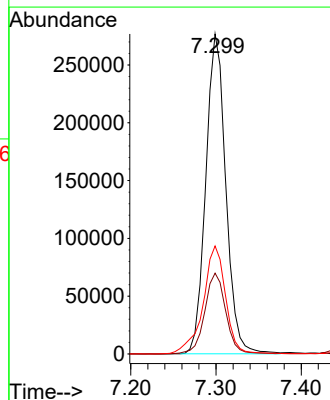
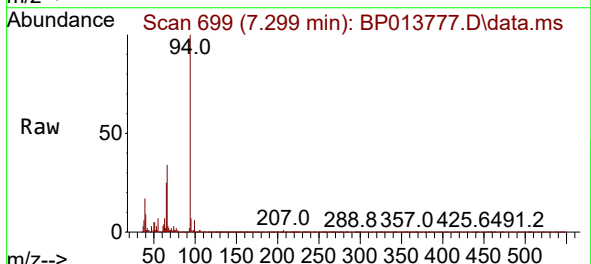
Instrument :
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ClientSampleId :
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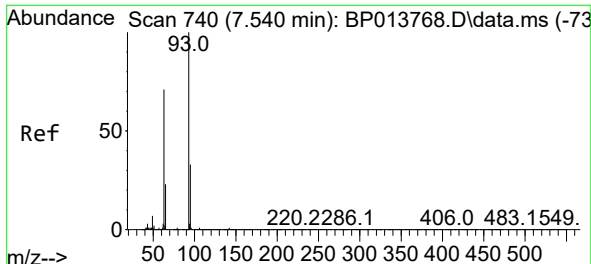
Tgt Ion: 77 Resp: 193375
Ion Ratio Lower Upper
77 100
105 97.2 80.6 121.0
106 95.6 75.0 112.4



#8
Phenol
Concen: 20.611 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion: 94 Resp: 452853
Ion Ratio Lower Upper
94 100
65 25.3 21.0 31.4
66 33.7 27.4 41.2

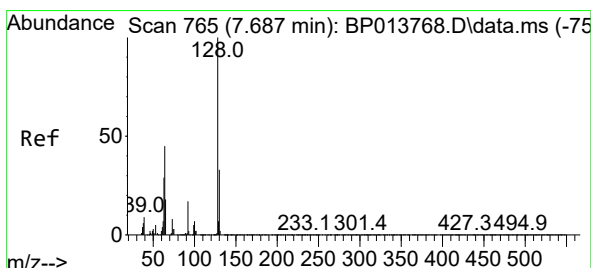
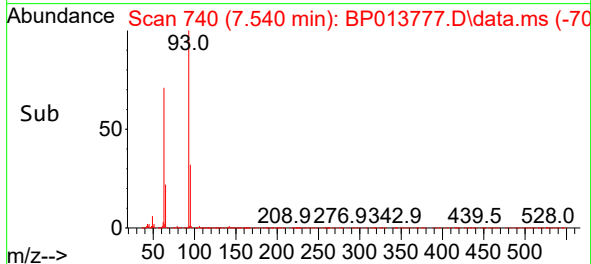
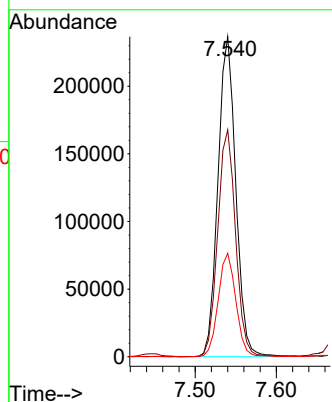
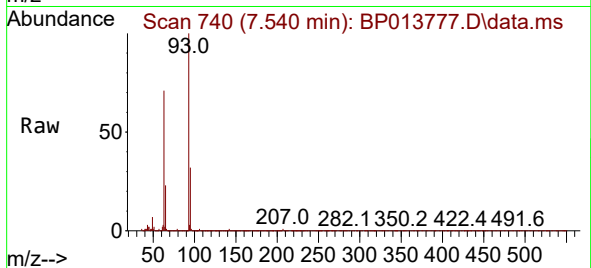




#10
Bis(2-Chloroethyl)ether
Concen: 20.447 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. 0.000 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

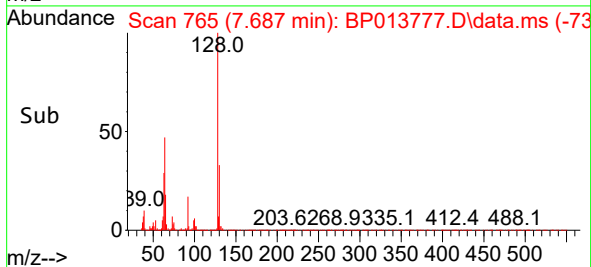
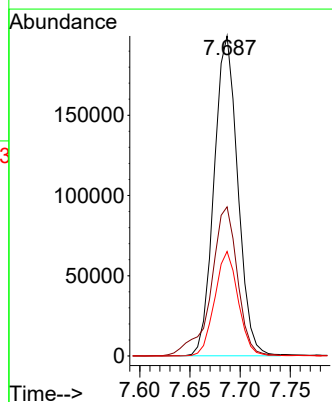
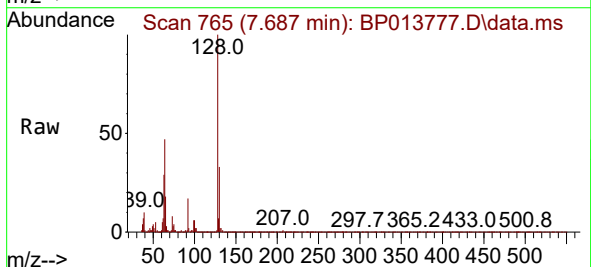
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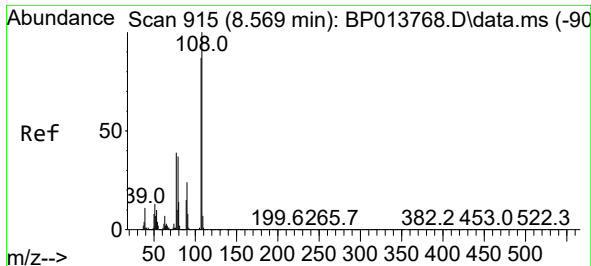
Tgt Ion: 93 Resp: 360997
Ion Ratio Lower Upper
93 100
63 70.9 55.8 83.6
95 32.3 25.1 37.7



#12
2-Chlorophenol
Concen: 20.540 ng/ul
RT: 7.687 min Scan# 765
Delta R.T. 0.000 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion: 128 Resp: 327498
Ion Ratio Lower Upper
128 100
64 46.6 37.9 56.9
130 32.7 25.2 37.8

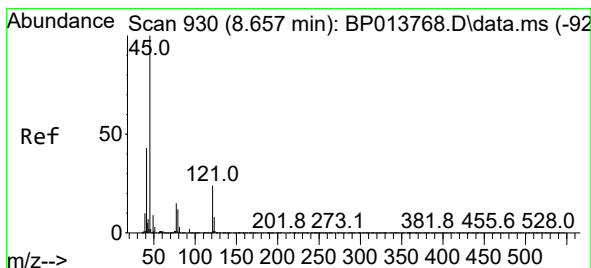
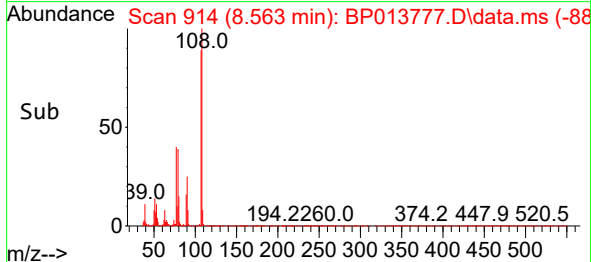
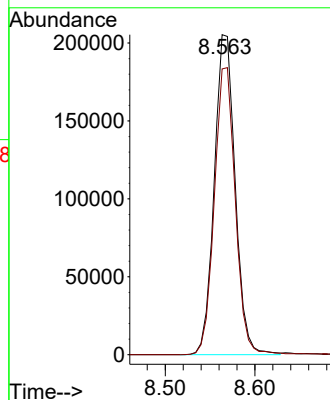
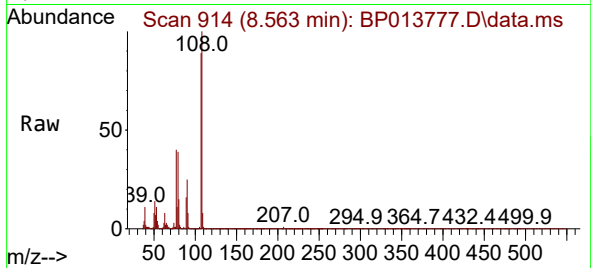




#13
2-Methylphenol
Concen: 19.826 ng/ul
RT: 8.563 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

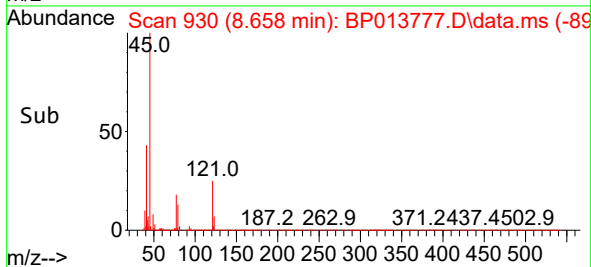
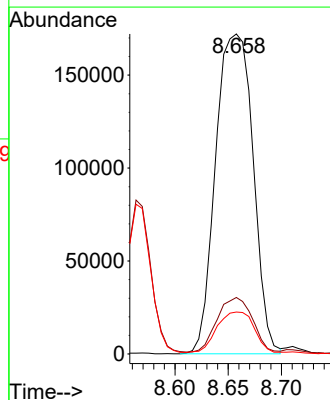
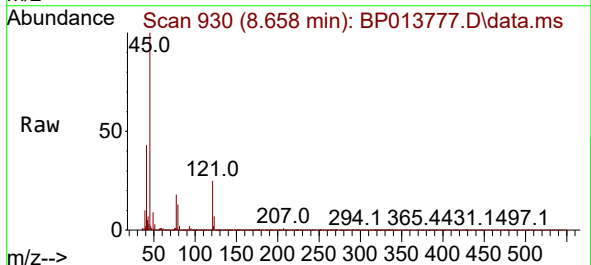
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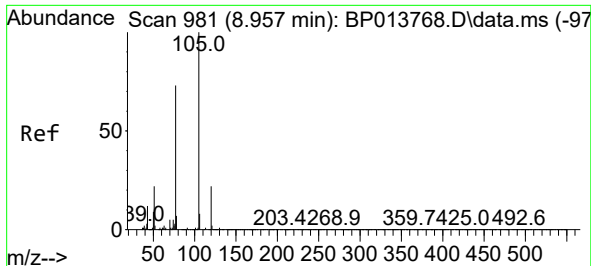
Tgt Ion:108 Resp: 332590
Ion Ratio Lower Upper
108 100
107 89.3 70.9 106.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.152 ng/ul
RT: 8.658 min Scan# 930
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion: 45 Resp: 421244
Ion Ratio Lower Upper
45 100
77 17.7 12.6 19.0
79 13.1 10.0 15.0

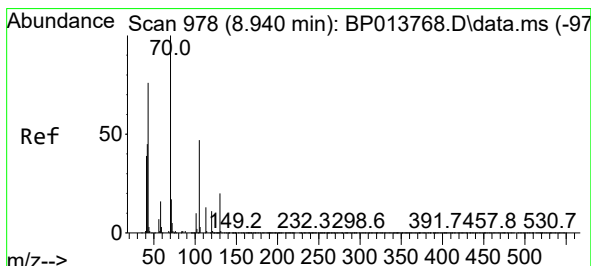
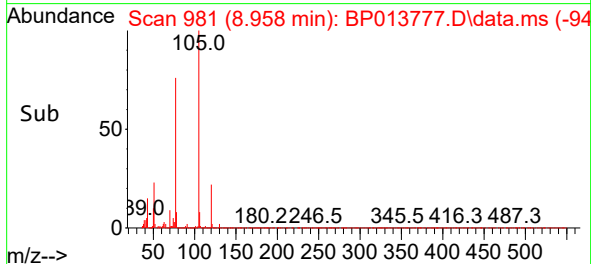
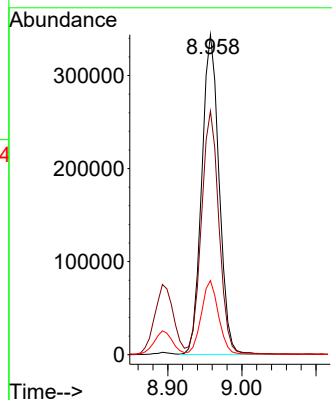
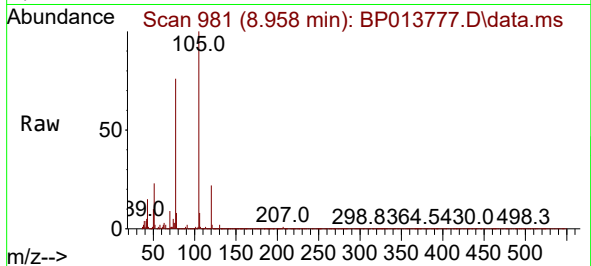




#16
Acetophenone
Concen: 20.993 ng/ul
RT: 8.958 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP013777.D
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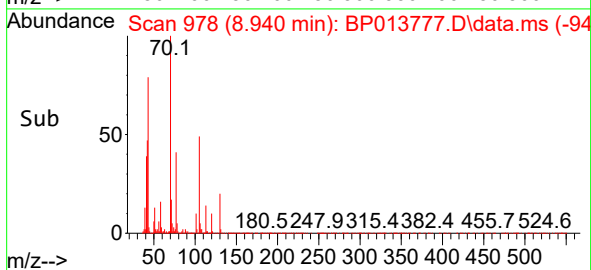
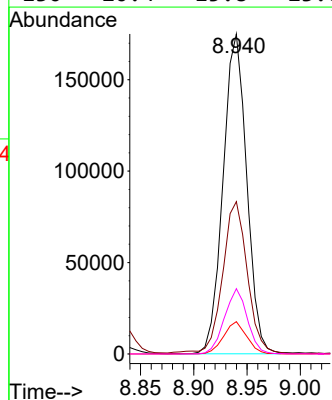
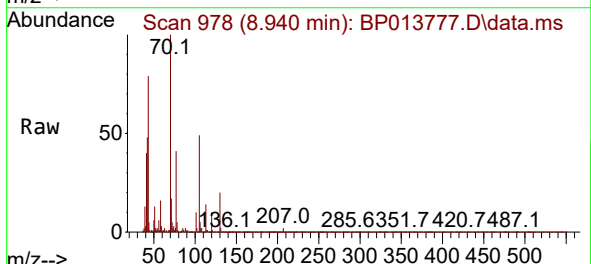
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ClientSampleId :
SSTD020757

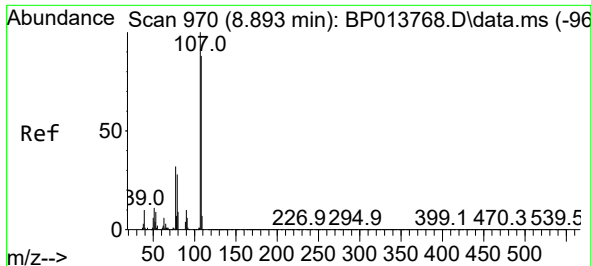
Tgt Ion:105 Resp: 560126
Ion Ratio Lower Upper
105 100
77 76.2 61.2 91.8
51 23.1 18.5 27.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.154 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion: 70 Resp: 269367
Ion Ratio Lower Upper
70 100
42 47.6 38.2 57.4
101 10.1 7.4 11.2
130 20.4 15.8 23.6





#18

4-Methylphenol

Concen: 20.560 ng/ul

RT: 8.893 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

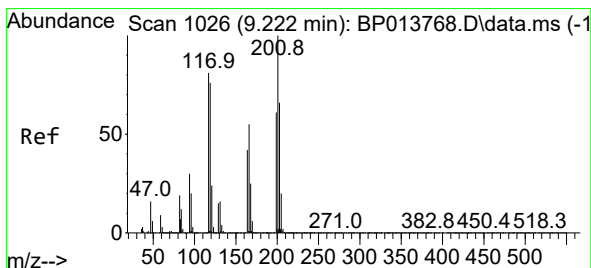
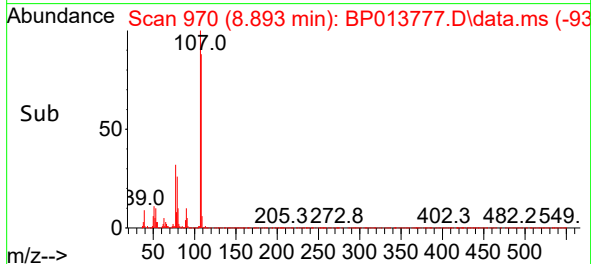
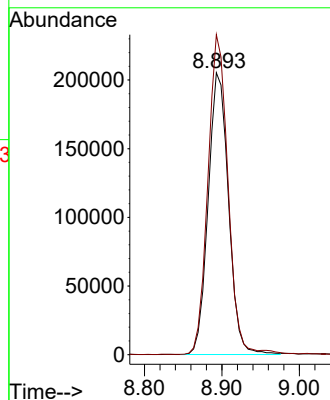
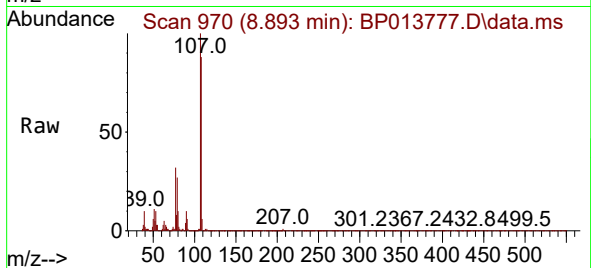
SSTD020757

Tgt Ion:108 Resp: 374587

Ion Ratio Lower Upper

108 100

107 113.5 89.9 134.9



#19

Hexachloroethane

Concen: 20.622 ng/ul

RT: 9.222 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

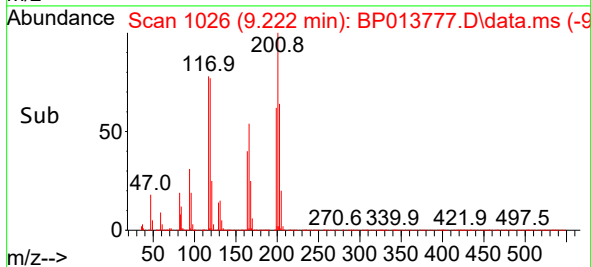
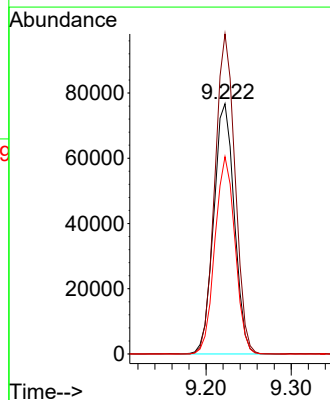
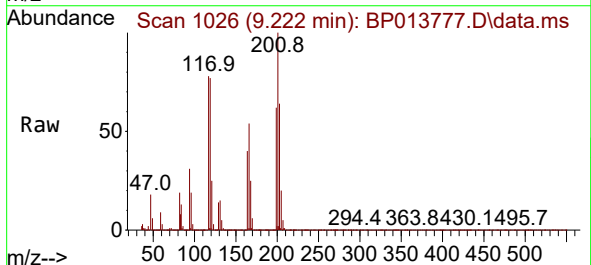
Tgt Ion:117 Resp: 128700

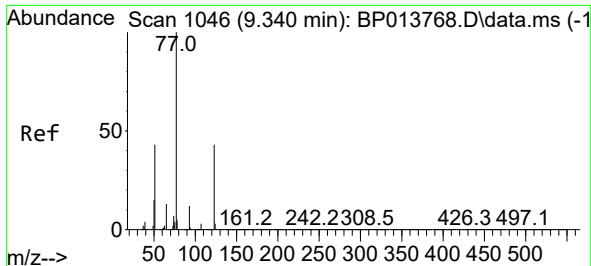
Ion Ratio Lower Upper

117 100

201 127.8 94.8 142.2

199 78.8 60.1 90.1

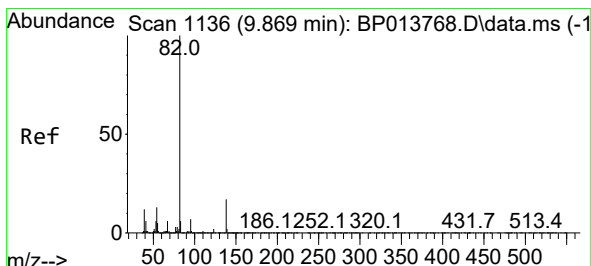
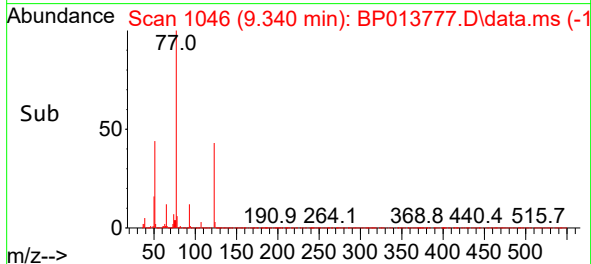
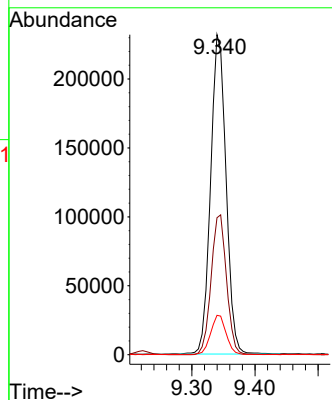
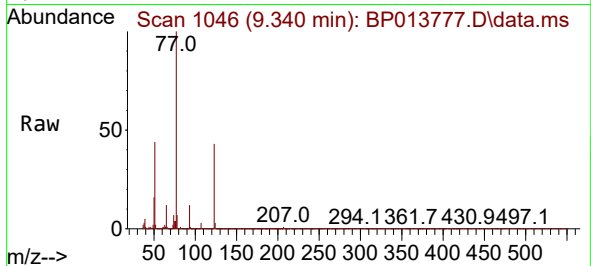




#22
Nitrobenzene
Concen: 21.872 ng/ul
RT: 9.340 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

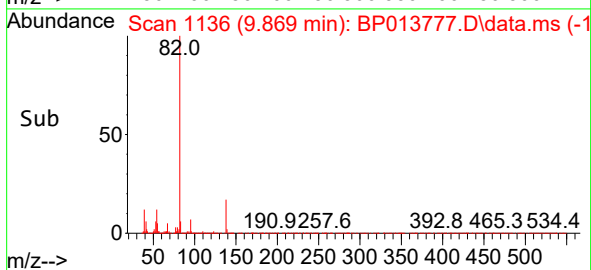
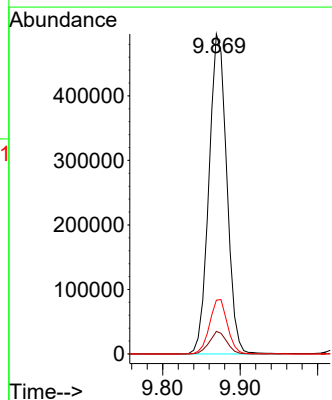
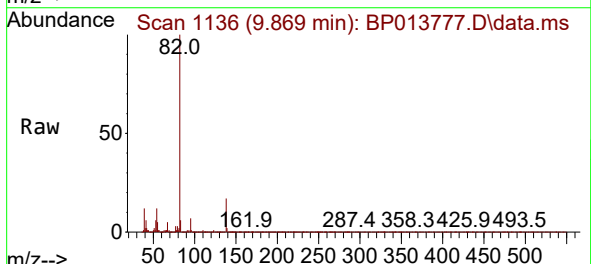
Instrument :
BNA_P
ClientSampleId :
SSTD020757

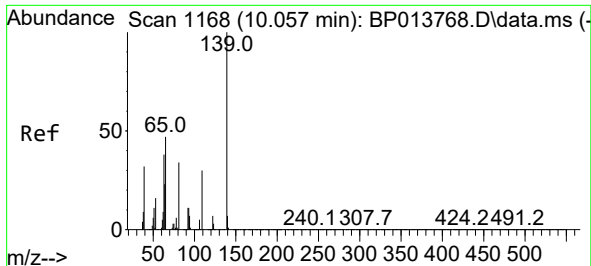
Tgt Ion: 77 Resp: 394240
Ion Ratio Lower Upper
77 100
123 42.8 34.1 51.1
65 12.3 9.8 14.8



#23
Isophorone
Concen: 19.177 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion: 82 Resp: 791365
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 16.8 13.6 20.4

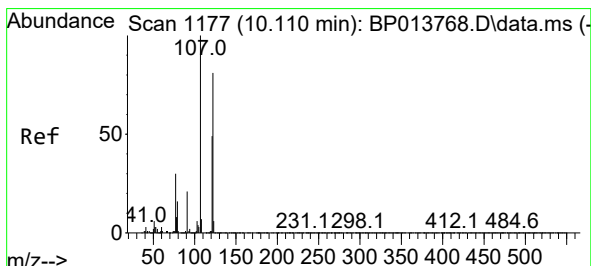
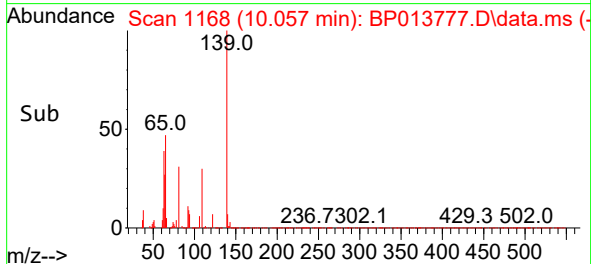
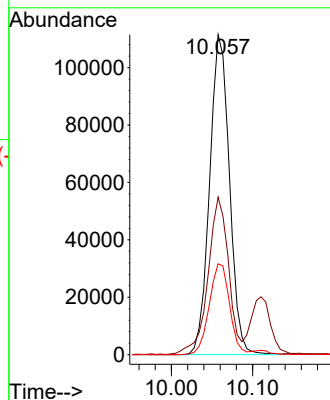
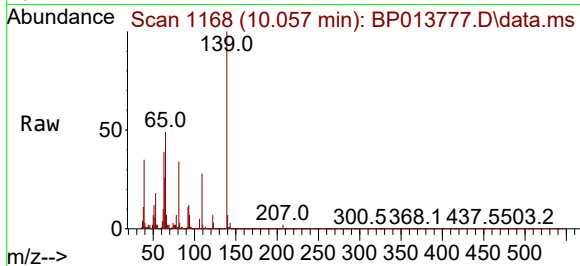




#25
2-Nitrophenol
Concen: 21.997 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

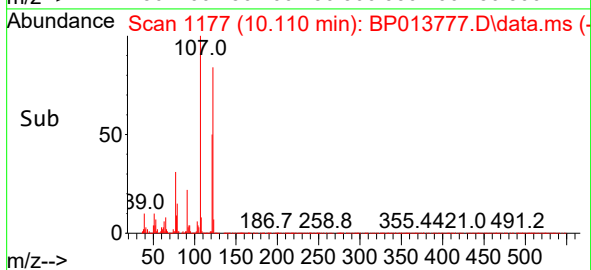
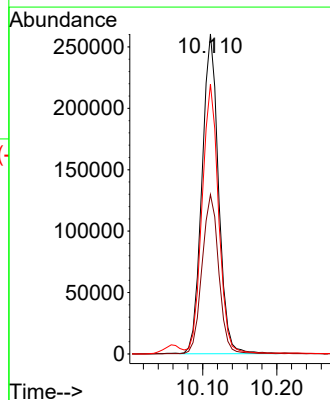
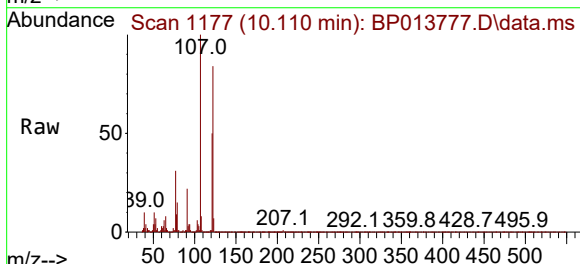
Instrument :
BNA_P
ClientSampleId :
SSTD020757

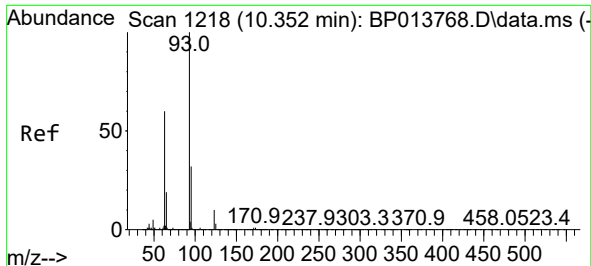
Tgt Ion:139 Resp: 189289
Ion Ratio Lower Upper
139 100
65 49.2 40.9 61.3
109 28.4 24.3 36.5



#26
2,4-Dimethylphenol
Concen: 20.784 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:107 Resp: 404096
Ion Ratio Lower Upper
107 100
121 49.8 39.8 59.8
122 84.3 67.6 101.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.286 ng/ul

RT: 10.352 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

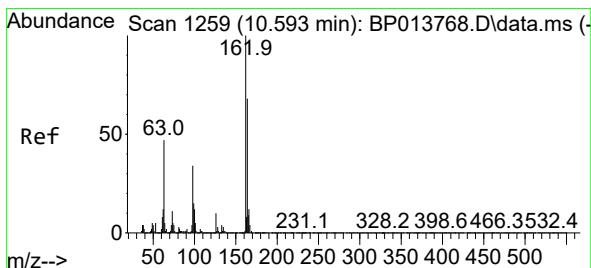
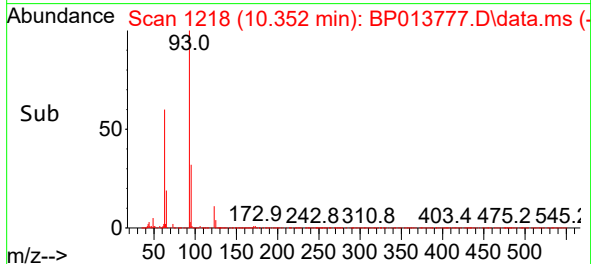
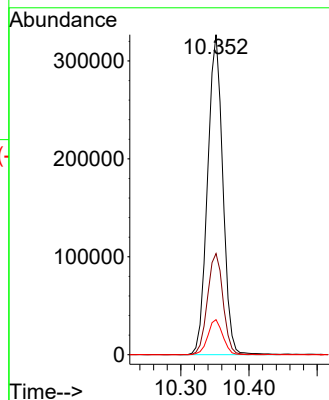
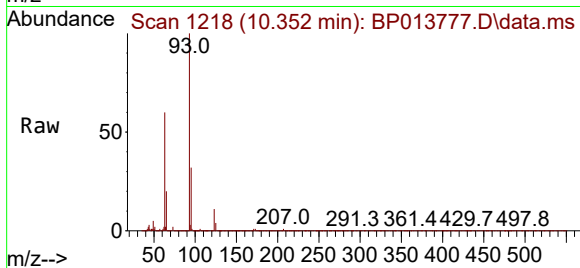
Tgt Ion: 93 Resp: 507327

Ion Ratio Lower Upper

93 100

95 31.6 25.3 37.9

123 11.0 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 21.321 ng/ul

RT: 10.593 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

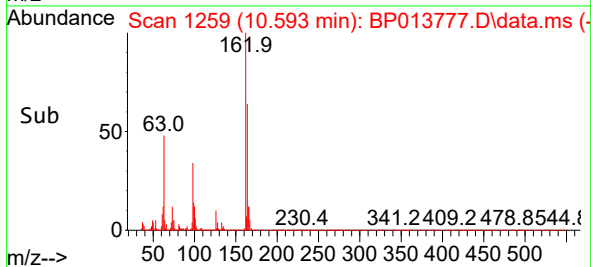
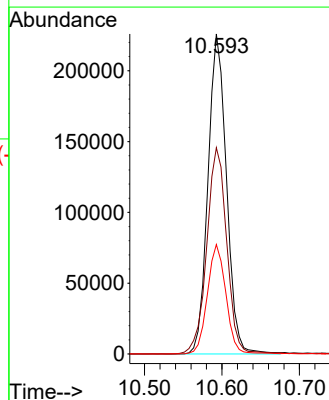
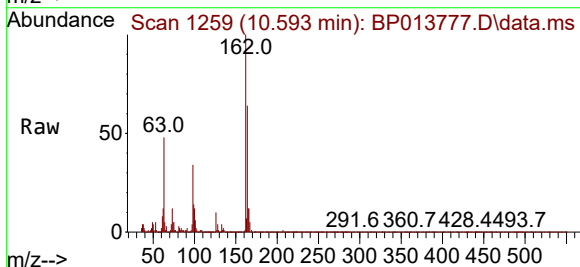
Tgt Ion: 162 Resp: 375268

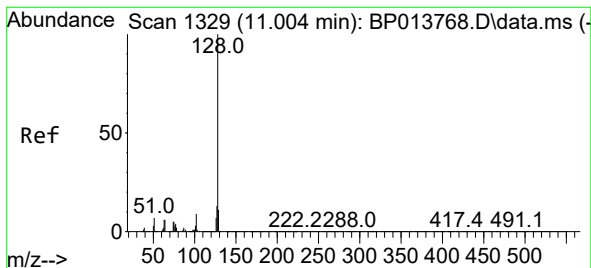
Ion Ratio Lower Upper

162 100

164 64.4 52.1 78.1

98 34.2 27.7 41.5





#30

Naphthalene

Concen: 20.760 ng/ul

RT: 11.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

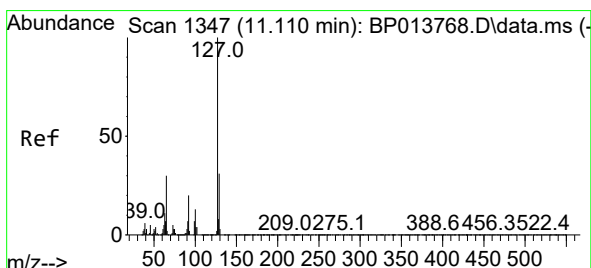
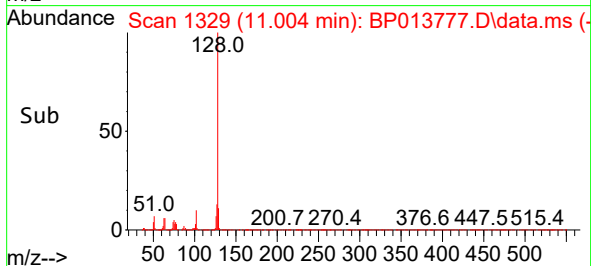
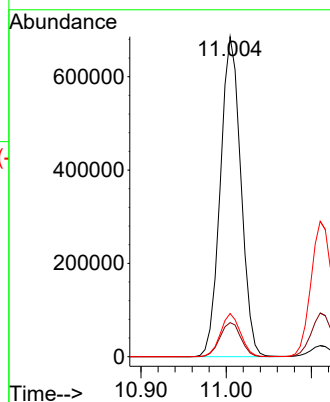
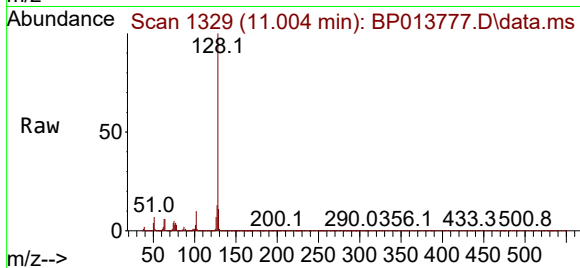
Tgt Ion:128 Resp: 1147813

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

127 13.5 10.2 15.4



#32

4-Chloroaniline

Concen: 21.059 ng/ul

RT: 11.110 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BP013777.D

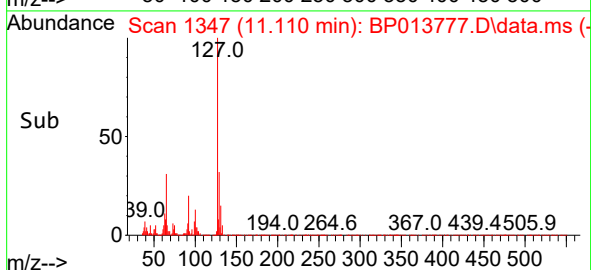
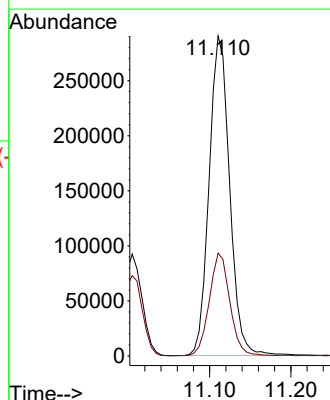
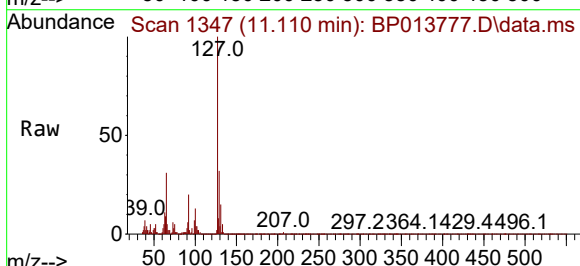
Acq: 06 Feb 2023 18:07

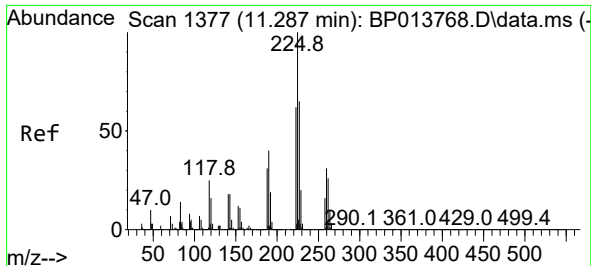
Tgt Ion:127 Resp: 509092

Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1

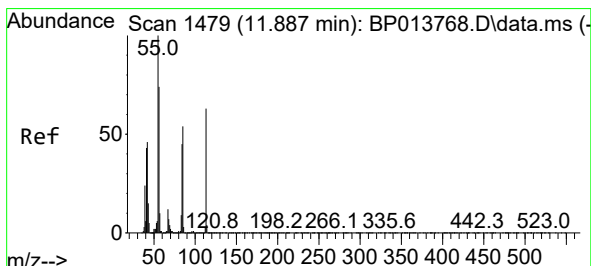
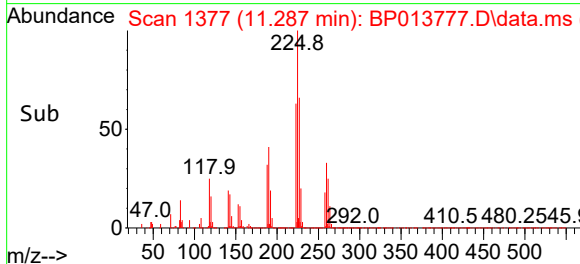
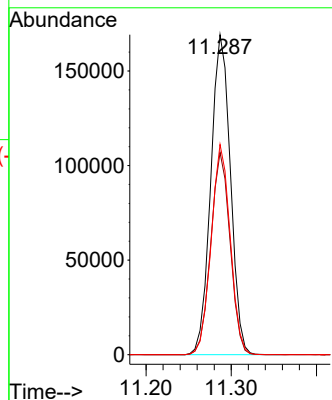
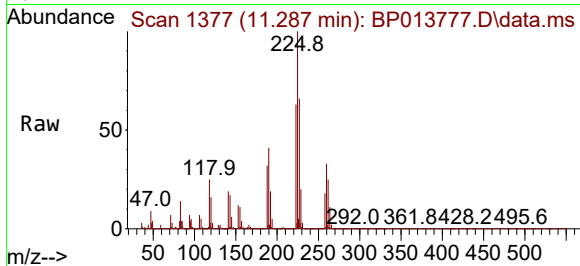




#33
Hexachlorobutadiene
Concen: 21.823 ng/ul
RT: 11.287 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

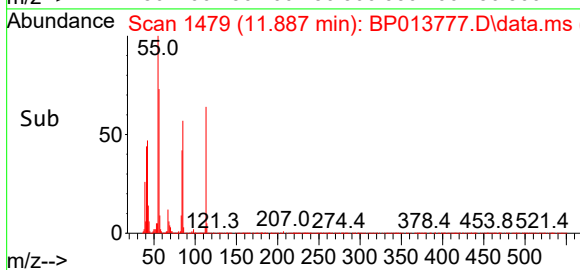
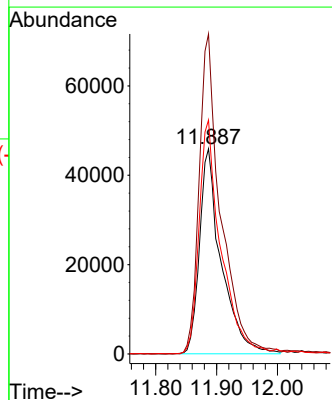
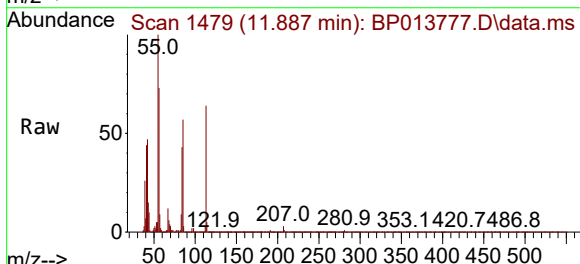
Instrument :
BNA_P
ClientSampleId :
SSTD020757

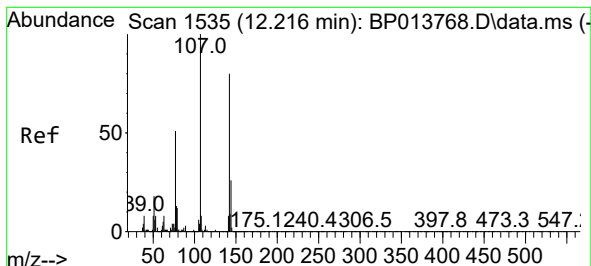
Tgt Ion:225 Resp: 270900
Ion Ratio Lower Upper
225 100
223 63.2 51.4 77.2
227 65.7 50.9 76.3



#34
Caprolactam
Concen: 19.027 ng/ul
RT: 11.887 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:113 Resp: 113233
Ion Ratio Lower Upper
113 100
55 156.0 128.4 192.6
56 114.0 92.2 138.2

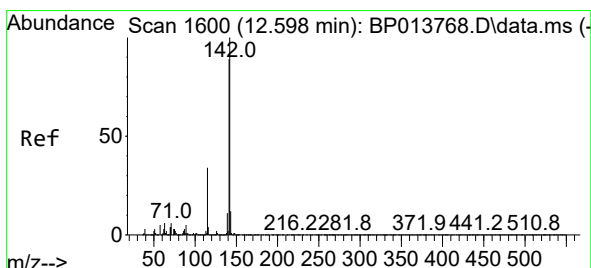
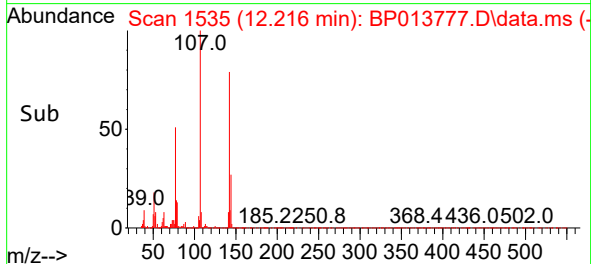
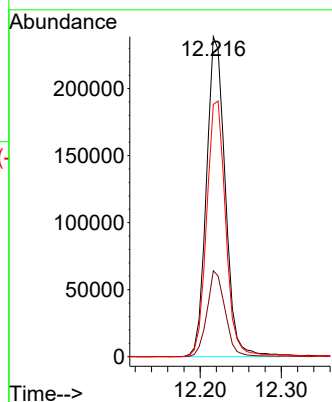
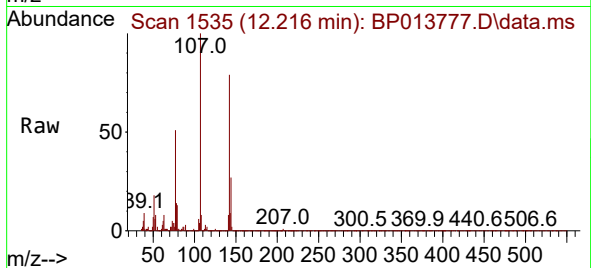




#35
4-Chloro-3-methylphenol
Concen: 20.366 ng/ul
RT: 12.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

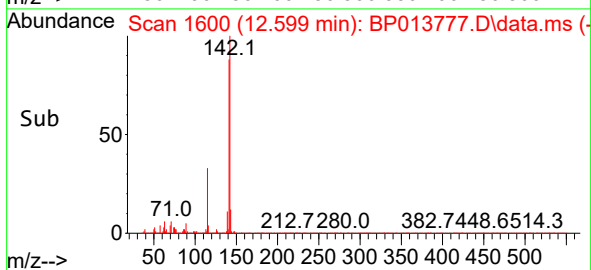
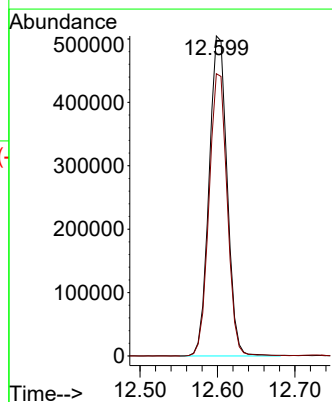
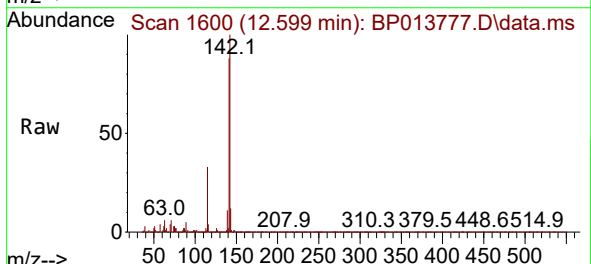
Instrument :
BNA_P
ClientSampleId :
SSTD020757

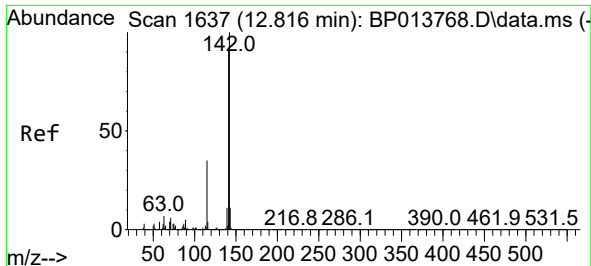
Tgt Ion:107 Resp: 383937
Ion Ratio Lower Upper
107 100
144 26.8 21.4 32.0
142 78.8 65.6 98.4



#36
2-Methylnaphthalene
Concen: 20.712 ng/ul
RT: 12.599 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:142 Resp: 815152
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.2

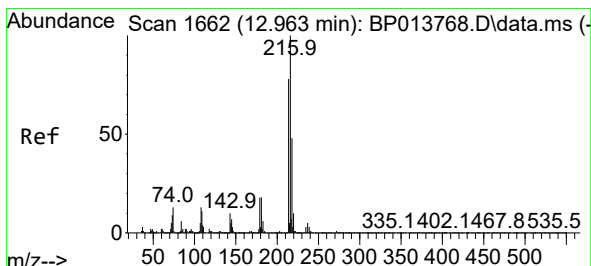
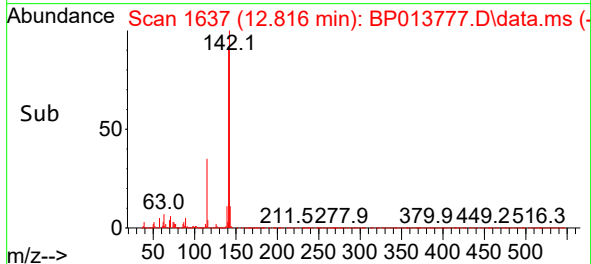
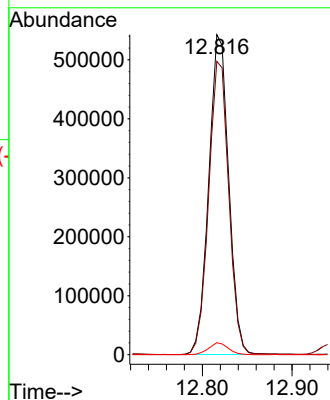
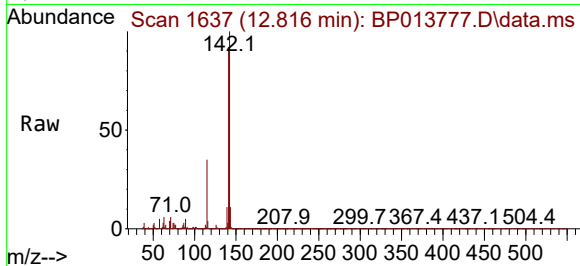




#37
1-Methylnaphthalene
Concen: 21.031 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

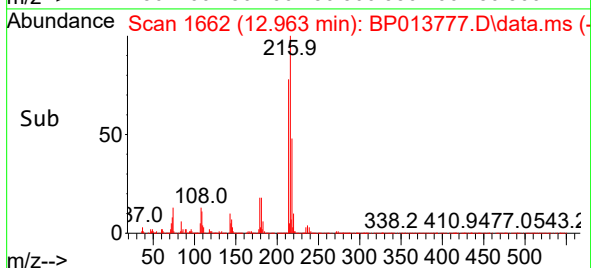
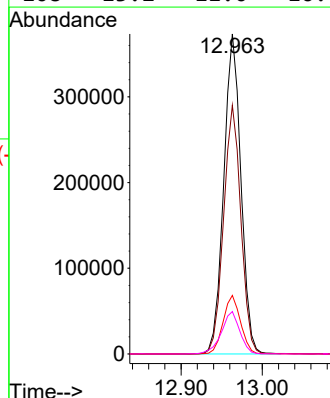
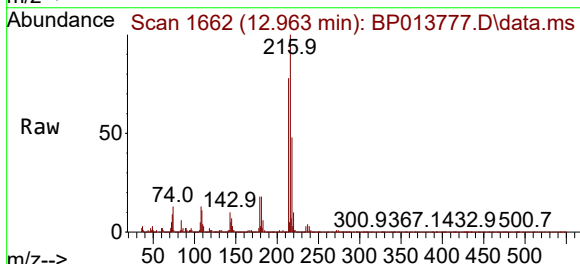
Instrument :
BNA_P
ClientSampleId :
SSTD020757

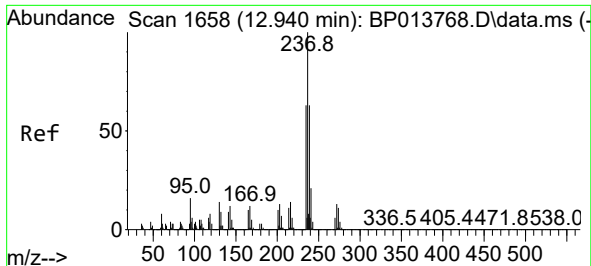
Tgt Ion:142 Resp: 835955
Ion Ratio Lower Upper
142 100
141 91.7 74.4 111.6
116 3.7 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.094 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:216 Resp: 549800
Ion Ratio Lower Upper
216 100
214 77.7 61.5 92.3
179 18.3 15.0 22.4
108 13.2 11.0 16.6

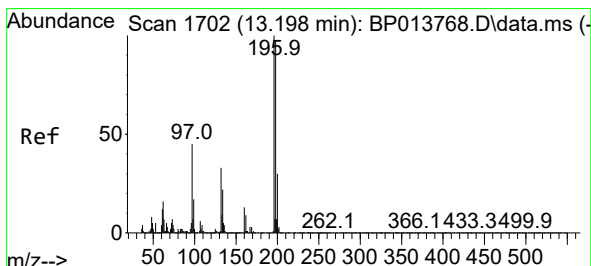
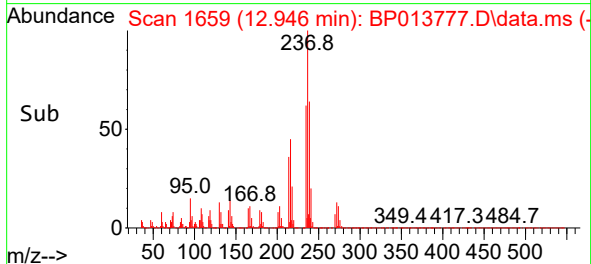
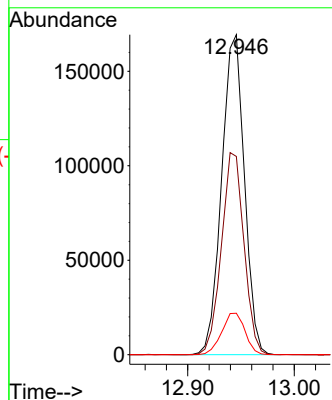
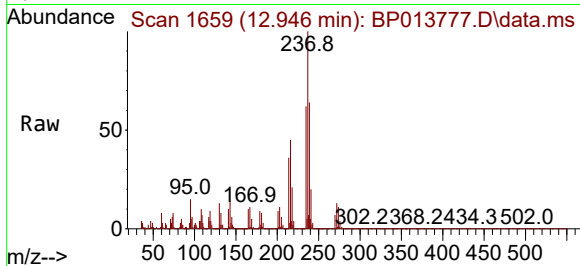




#40
Hexachlorocyclopentadiene
Concen: 17.951 ng/ul
RT: 12.946 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

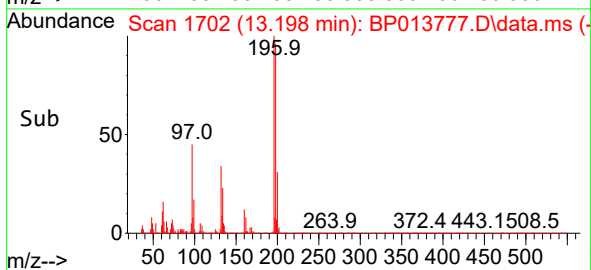
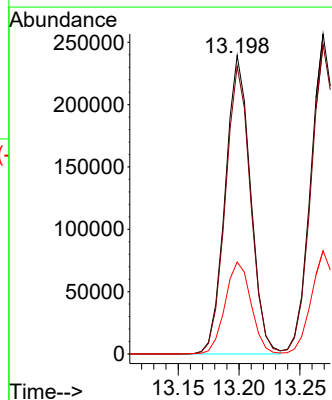
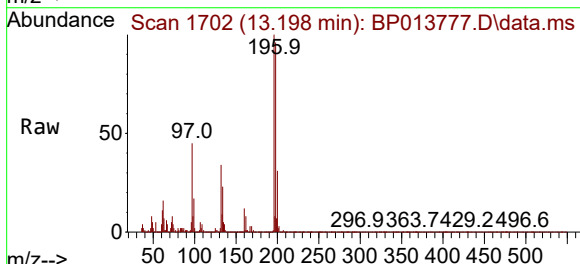
Instrument :
BNA_P
ClientSampleId :
SSTD020757

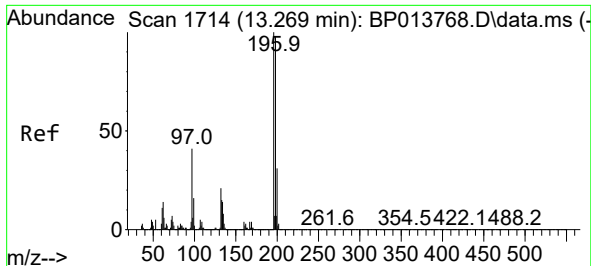
Tgt Ion:237 Resp: 251162
Ion Ratio Lower Upper
237 100
235 62.0 50.7 76.1
272 13.0 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 20.993 ng/ul
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:196 Resp: 346066
Ion Ratio Lower Upper
196 100
198 96.3 79.0 118.6
200 30.8 25.2 37.8

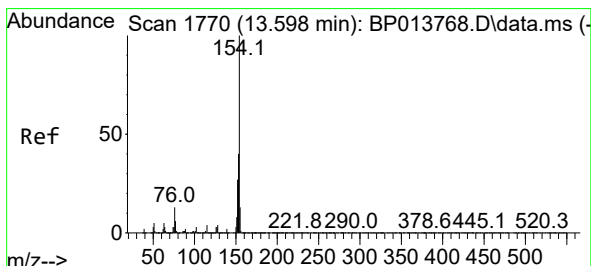
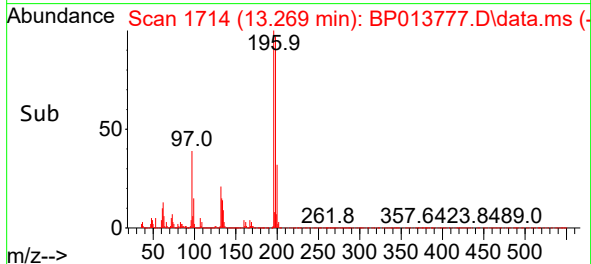
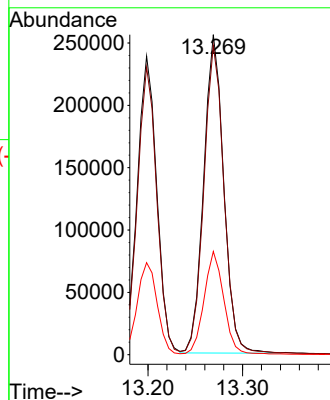
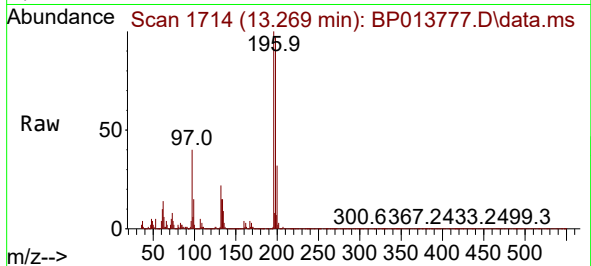




#42
2,4,5-Trichlorophenol
Concen: 20.933 ng/ul
RT: 13.269 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

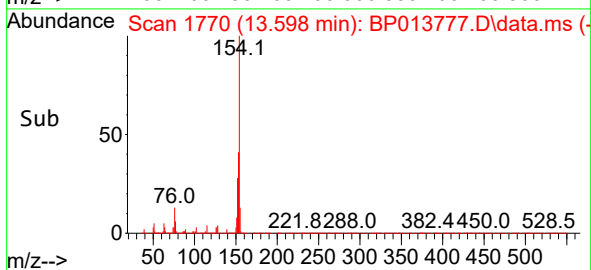
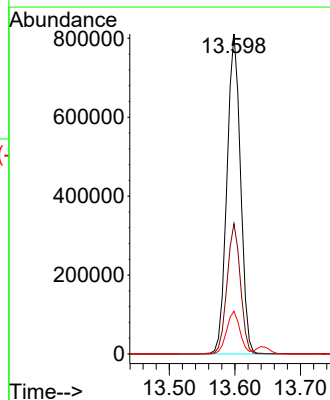
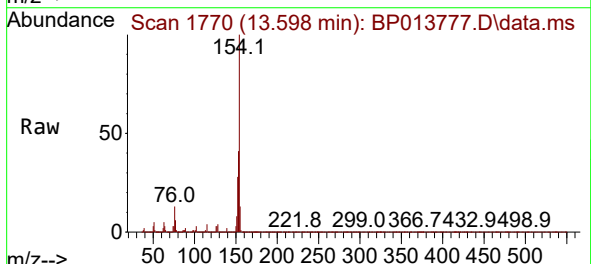
Instrument :
BNA_P
ClientSampleId :
SSTD020757

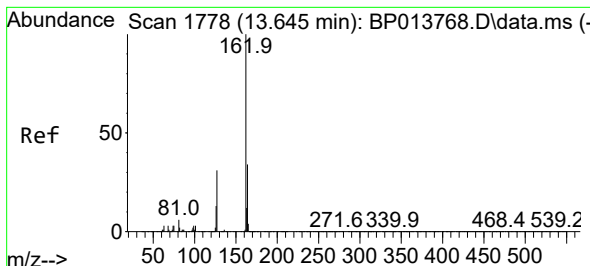
Tgt Ion:196 Resp: 376064
Ion Ratio Lower Upper
196 100
198 96.6 77.8 116.8
200 32.2 26.2 39.2



#43
1,1'-Biphenyl
Concen: 20.399 ng/ul
RT: 13.598 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:154 Resp: 1163551
Ion Ratio Lower Upper
154 100
153 40.7 32.2 48.2
76 13.4 10.0 15.0





#44

2-Chloronaphthalene

Concen: 20.604 ng/ul

RT: 13.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

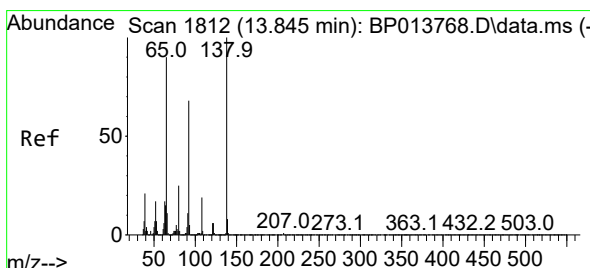
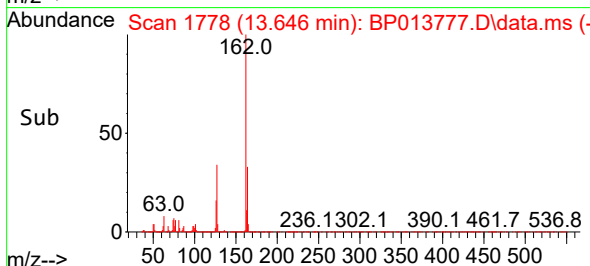
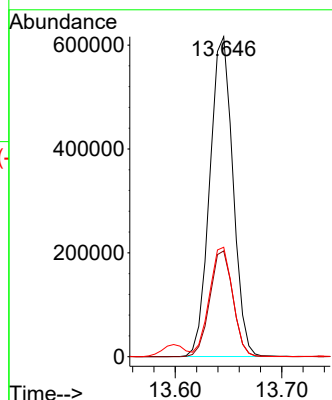
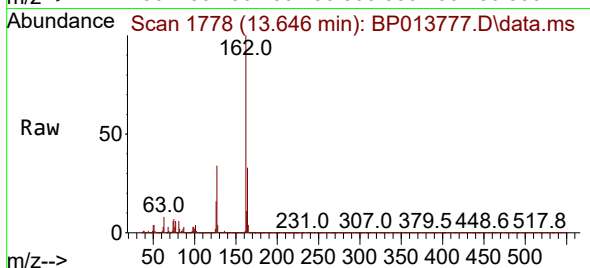
Tgt Ion:162 Resp: 929778

Ion Ratio Lower Upper

162 100

164 33.1 26.6 39.8

127 34.2 27.5 41.3



#45

2-Nitroaniline

Concen: 23.258 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

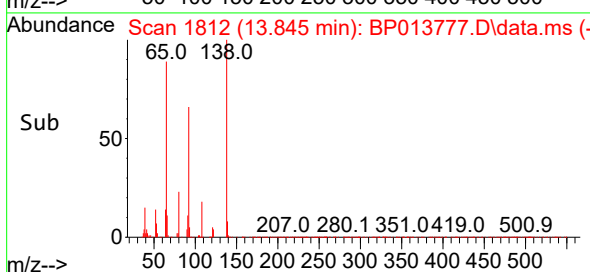
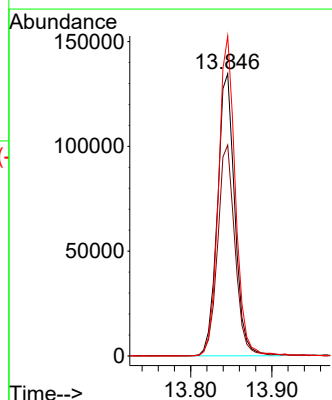
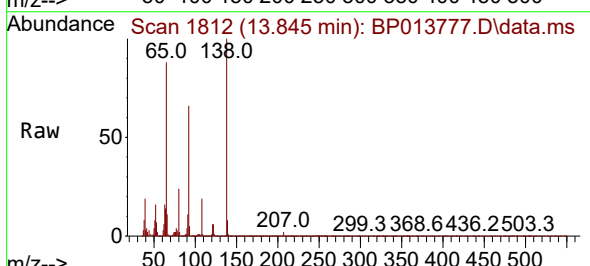
Tgt Ion: 65 Resp: 199785

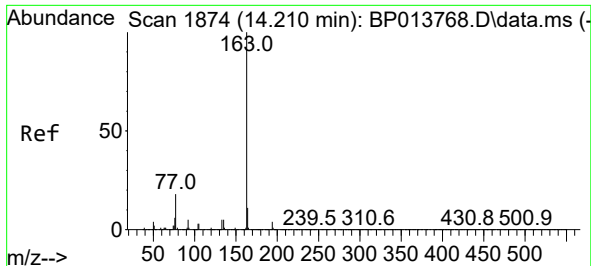
Ion Ratio Lower Upper

65 100

92 74.7 60.6 91.0

138 113.4 89.9 134.9

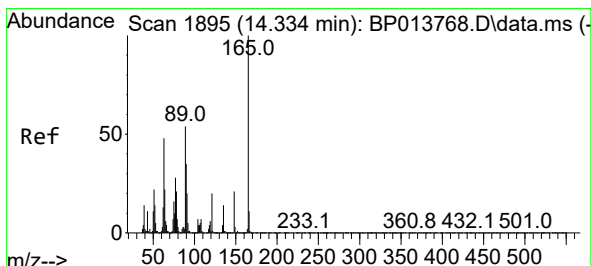
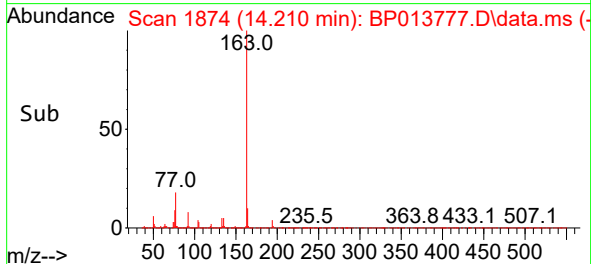
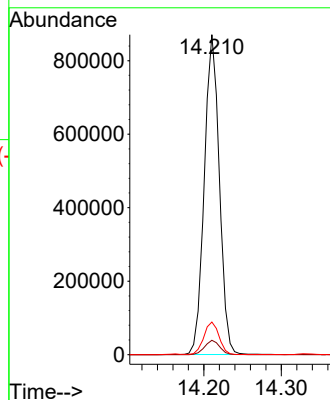
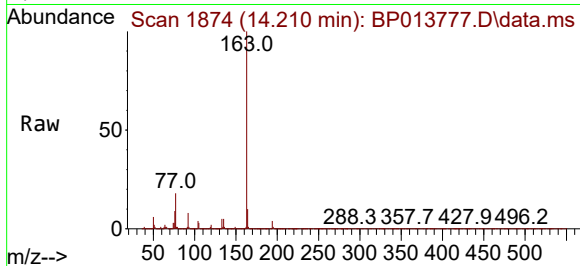




#47
Dimethylphthalate
Concen: 20.071 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

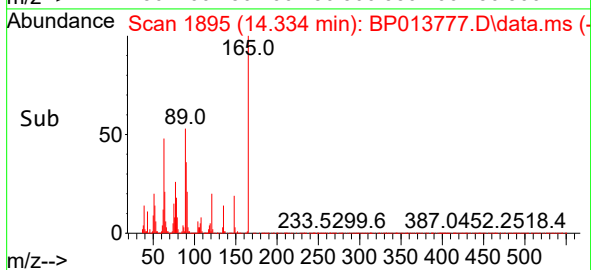
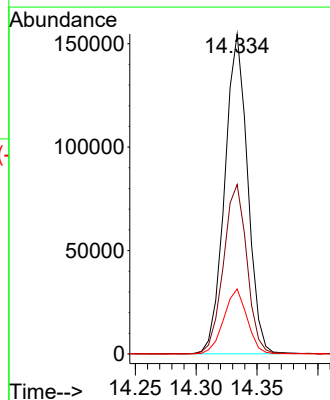
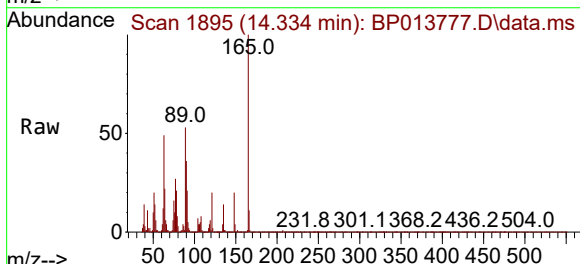
Instrument :
BNA_P
ClientSampleId :
SSTD020757

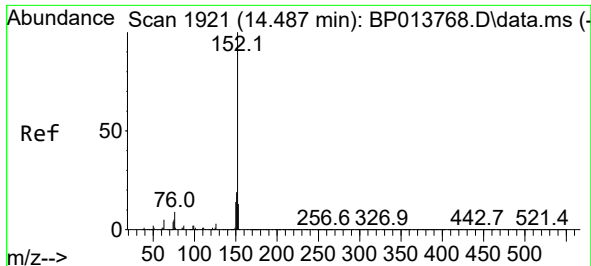
Tgt Ion:163 Resp: 1174212
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 24.279 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:165 Resp: 202427
Ion Ratio Lower Upper
165 100
89 53.0 44.6 67.0
121 20.3 15.8 23.6

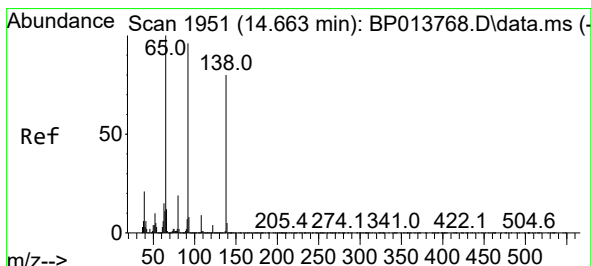
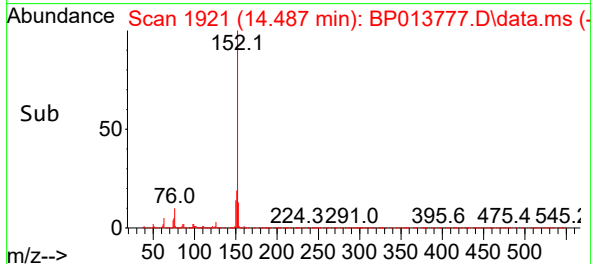
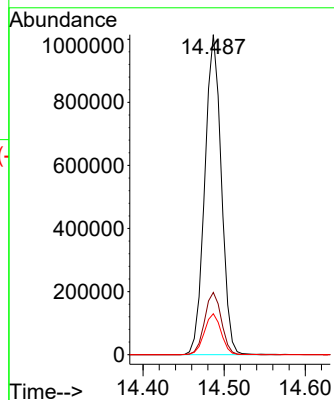
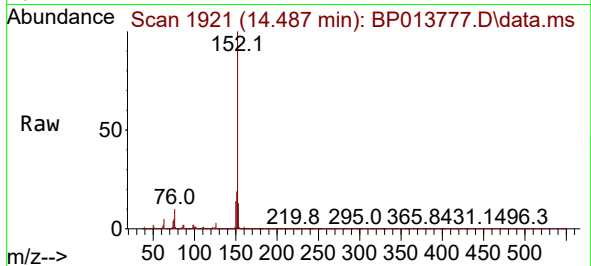




#50
Acenaphthylene
Concen: 20.699 ng/ul
RT: 14.487 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

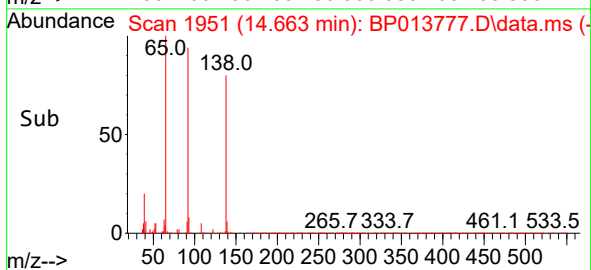
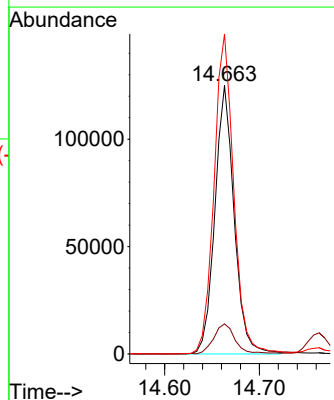
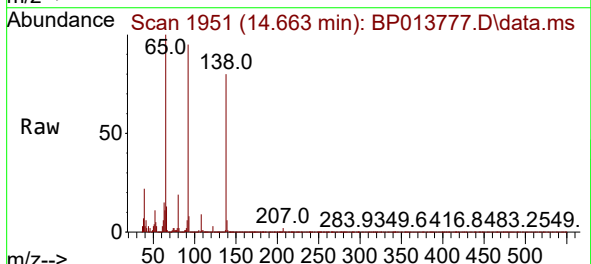
Instrument :
BNA_P
ClientSampleId :
SSTD020757

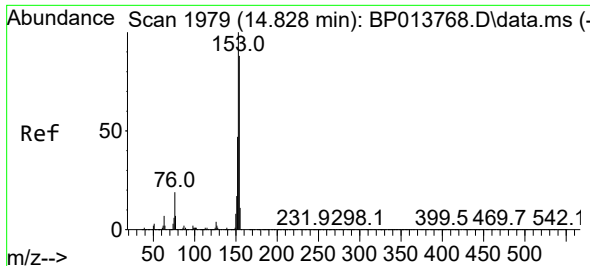
Tgt Ion:152 Resp: 1432036
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.8 10.7 16.1



#51
3-Nitroaniline
Concen: 20.107 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:138 Resp: 177193
Ion Ratio Lower Upper
138 100
108 11.2 10.0 15.0
92 119.2 94.8 142.2

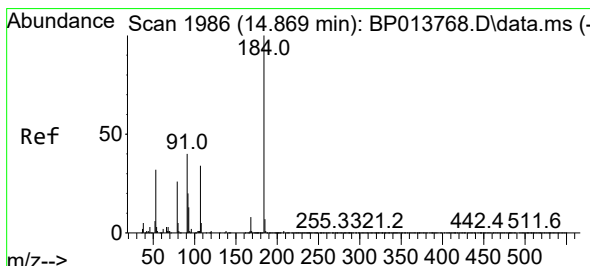
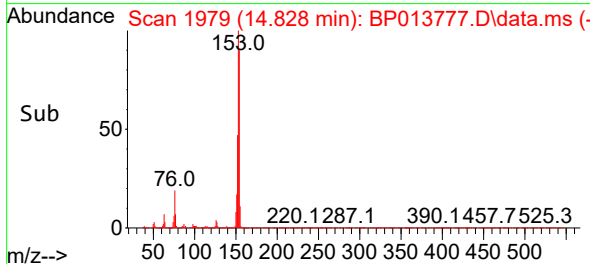
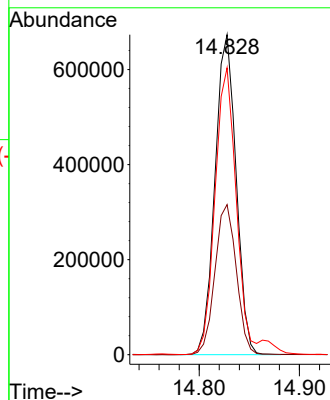
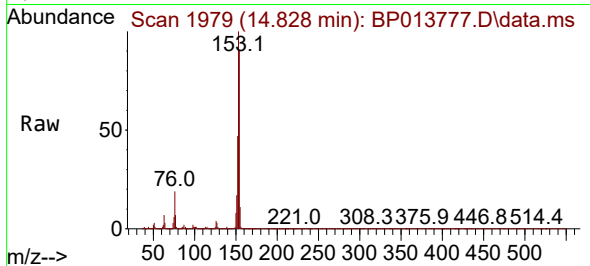




#52
Acenaphthene
Concen: 20.712 ng/ul
RT: 14.828 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

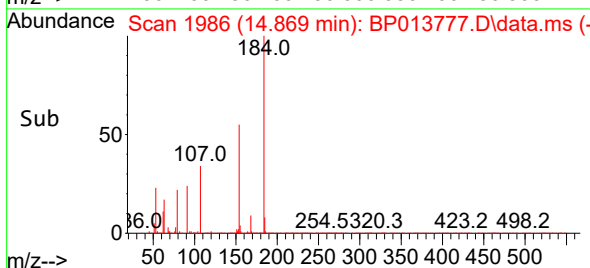
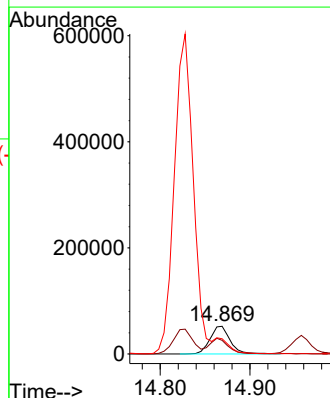
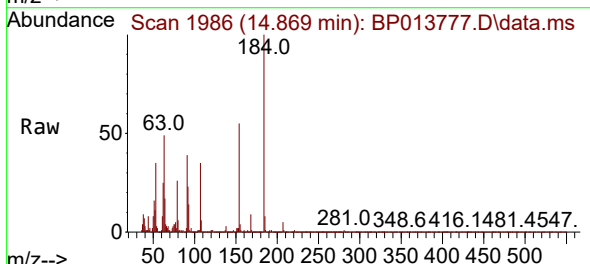
Instrument :
BNA_P
ClientSampleId :
SSTD020757

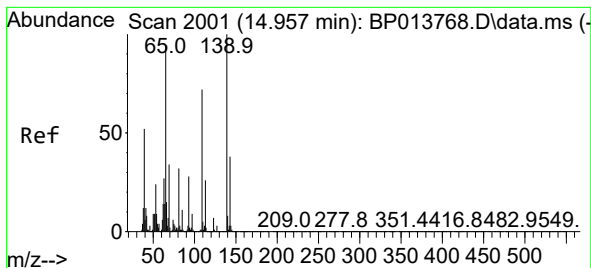
Tgt Ion:153 Resp: 984715
Ion Ratio Lower Upper
153 100
152 46.9 38.1 57.1
154 89.6 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 12.557 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:184 Resp: 81319
Ion Ratio Lower Upper
184 100
63 49.2 42.5 63.7
154 55.1 46.0 69.0

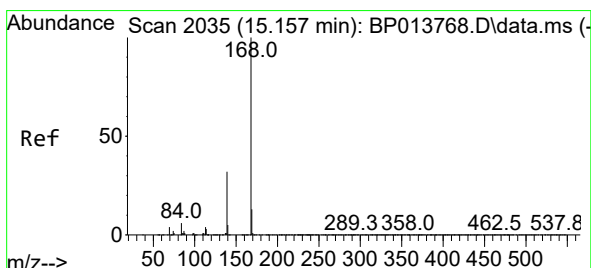
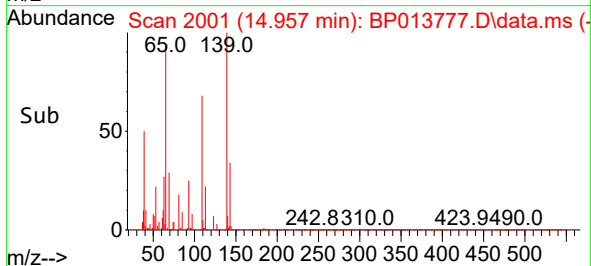
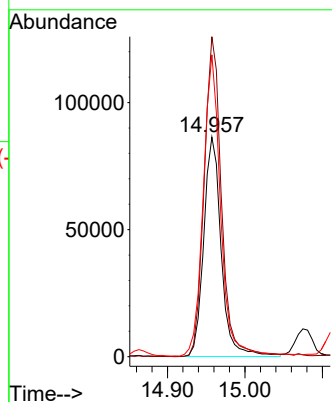
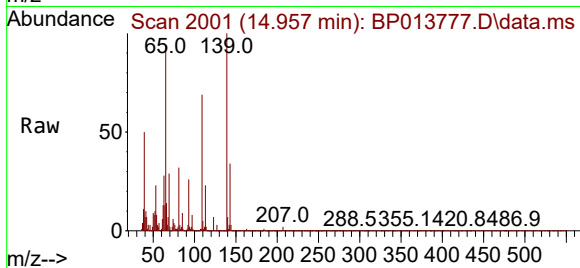




#55
4-Nitrophenol
Concen: 17.715 ng/ul
RT: 14.957 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

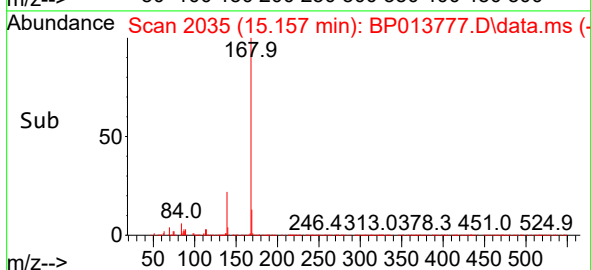
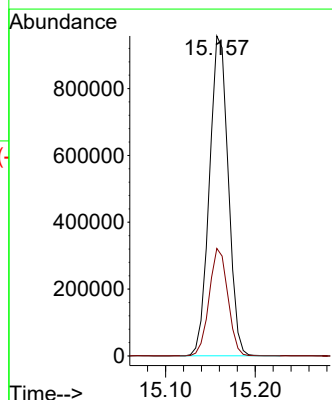
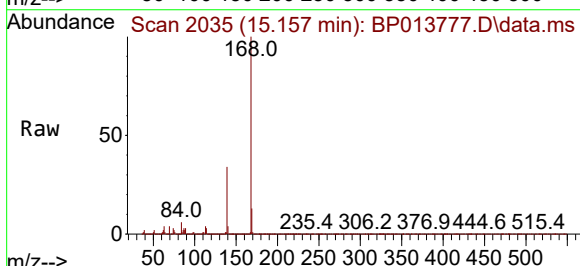
Instrument :
BNA_P
ClientSampleId :
SSTD020757

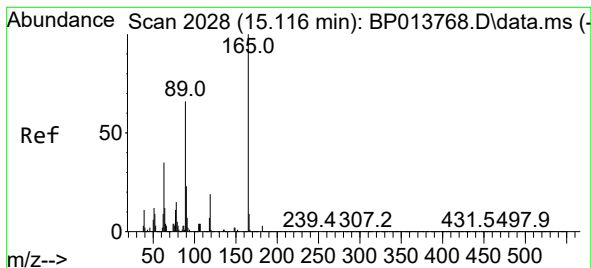
Tgt Ion:109 Resp: 135168
Ion Ratio Lower Upper
109 100
139 145.8 109.1 163.7
65 137.5 103.5 155.3



#56
Dibenzofuran
Concen: 20.188 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:168 Resp: 1394158
Ion Ratio Lower Upper
168 100
139 33.6 27.2 40.8

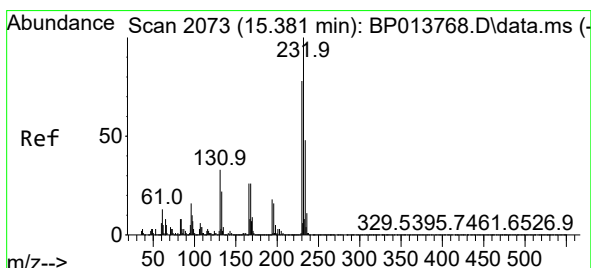
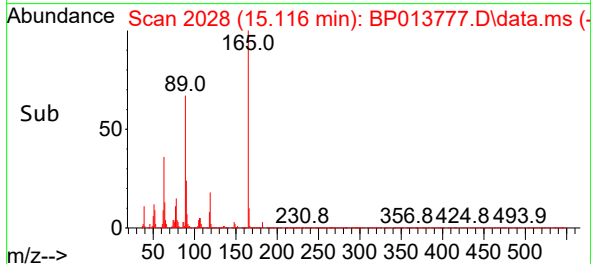
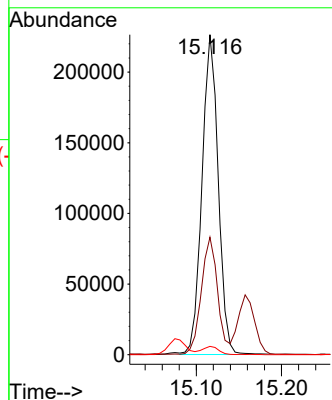
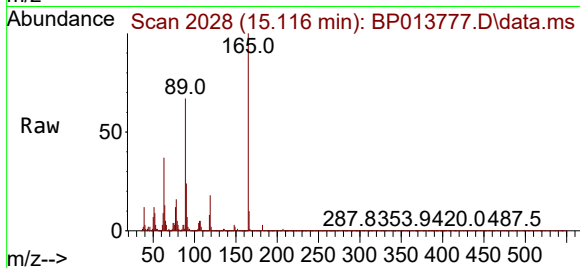




#57
2,4-Dinitrotoluene
Concen: 22.823 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

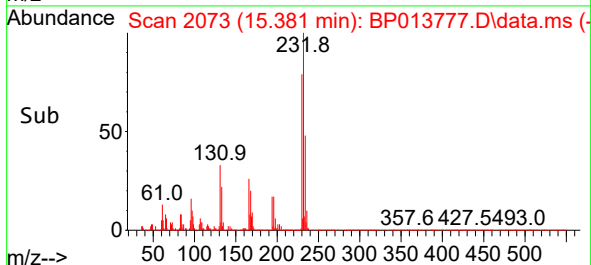
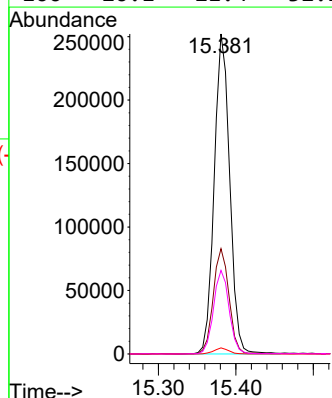
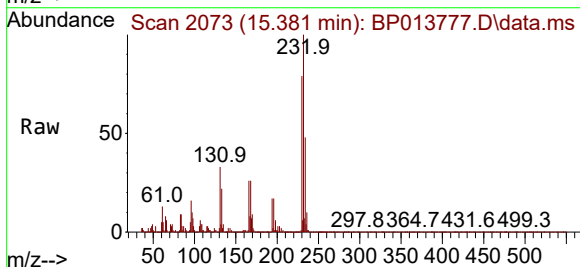
Instrument :
BNA_P
ClientSampleId :
SSTD020757

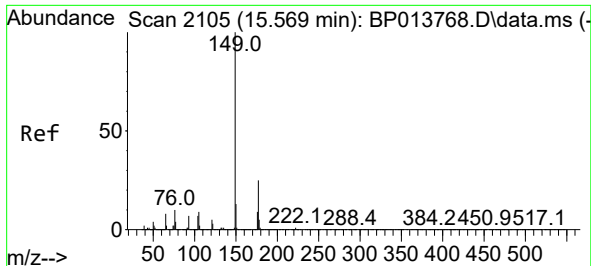
Tgt Ion:165 Resp: 298874
Ion Ratio Lower Upper
165 100
63 36.7 29.4 44.2
182 2.6 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.764 ng/ul
RT: 15.381 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:232 Resp: 350596
Ion Ratio Lower Upper
232 100
131 32.9 28.3 42.5
130 1.9 1.5 2.3
166 26.1 21.4 32.2

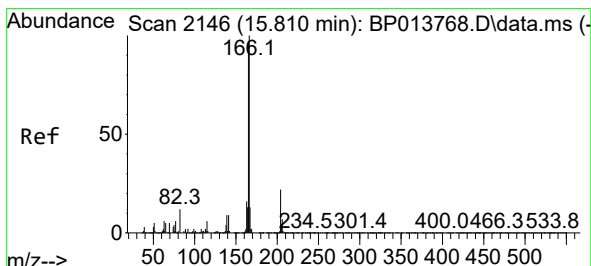
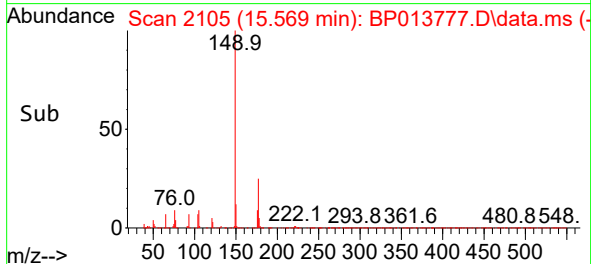
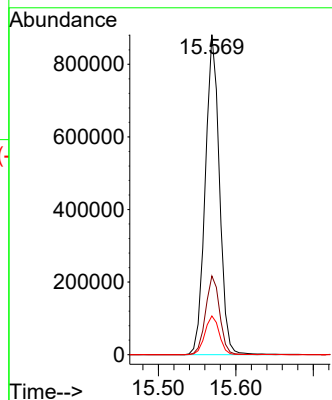
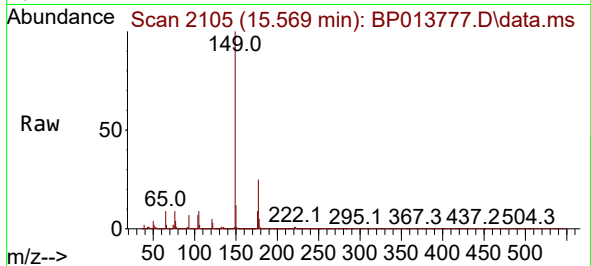




#59
Diethylphthalate
Concen: 19.938 ng/ul
RT: 15.569 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

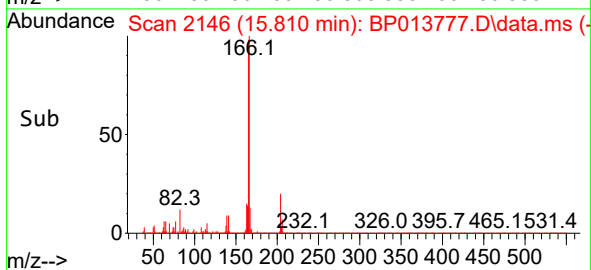
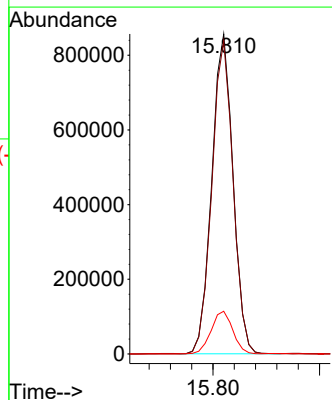
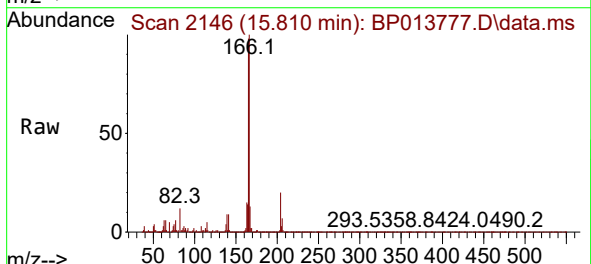
Instrument :
BNA_P
ClientSampleId :
SSTD020757

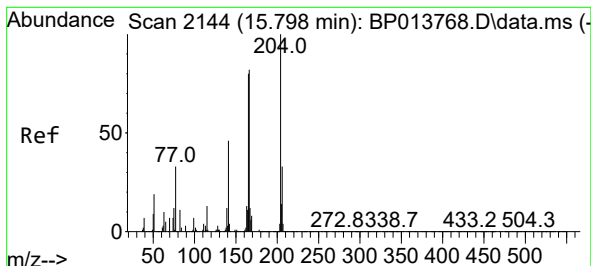
Tgt Ion:149 Resp: 1119820
Ion Ratio Lower Upper
149 100
177 24.6 19.2 28.8
150 12.1 10.0 15.0



#61
Fluorene
Concen: 21.104 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:166 Resp: 1186074
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.4 10.9 16.3

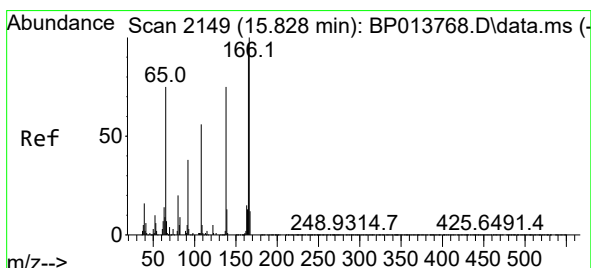
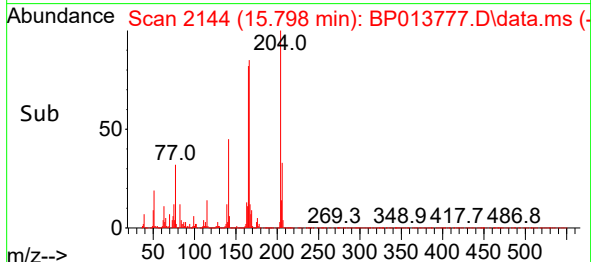
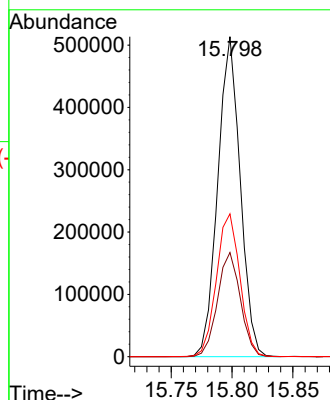
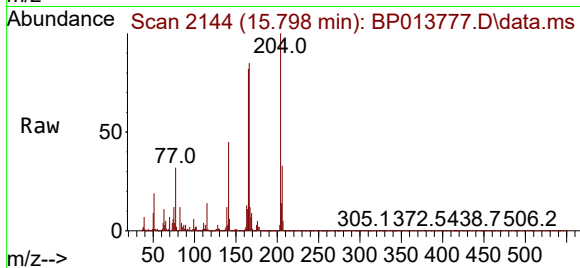




#62
4-Chlorophenyl-phenylether
Concen: 21.511 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

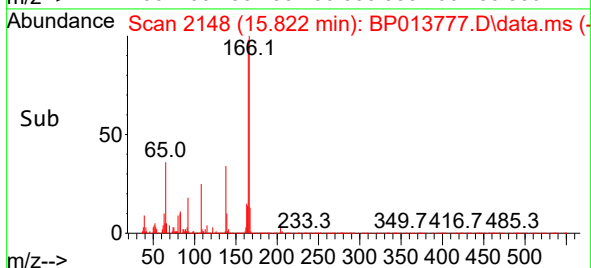
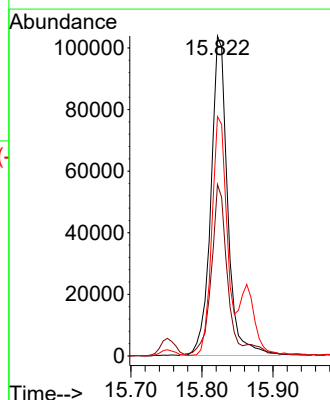
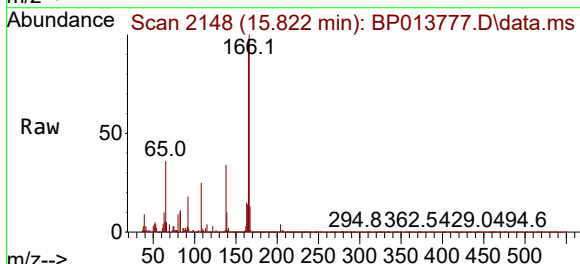
Instrument :
BNA_P
ClientSampleId :
SSTD020757

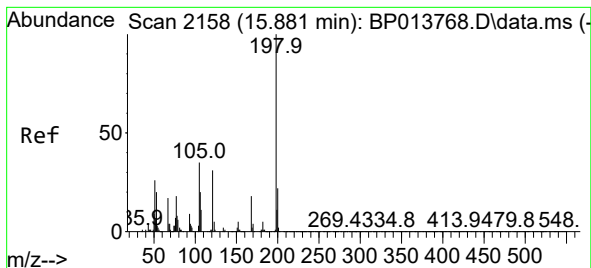
Tgt Ion:204 Resp: 658640
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 44.6 39.7 59.5



#63
4-Nitroaniline
Concen: 20.636 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:138 Resp: 170283
Ion Ratio Lower Upper
138 100
92 53.6 41.7 62.5
108 74.8 62.0 93.0

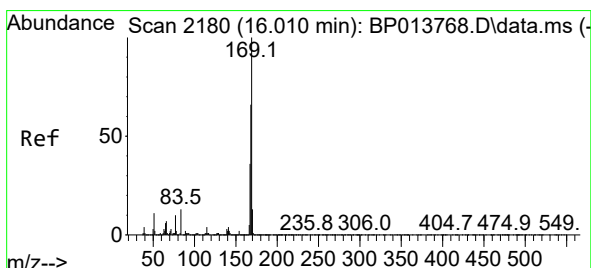
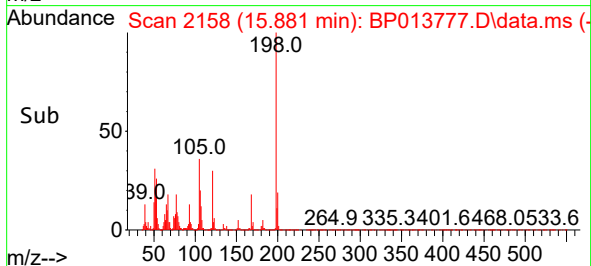
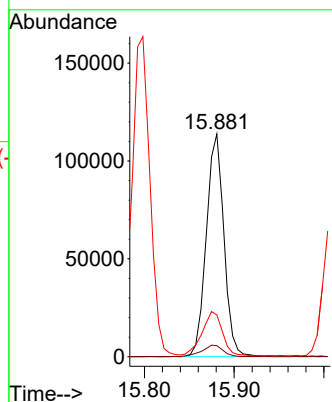
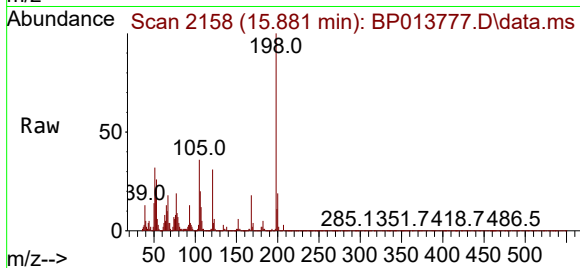




#66
4,6-Dinitro-2-methylphenol
Concen: 14.993 ng/ul
RT: 15.881 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

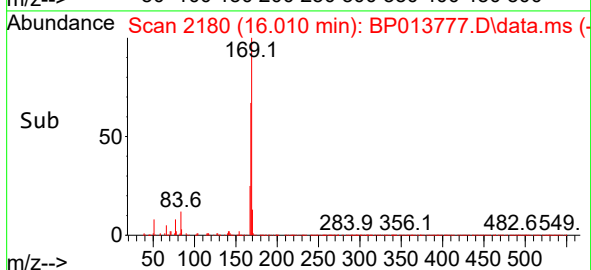
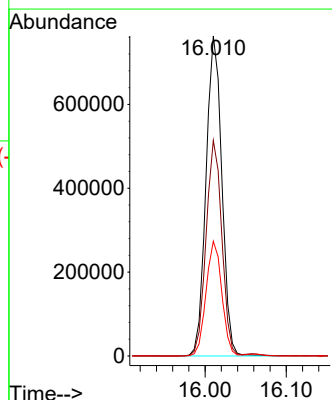
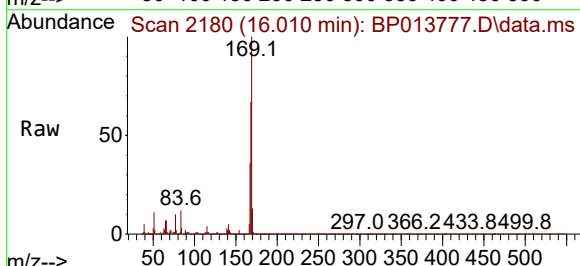
Instrument :
BNA_P
ClientSampleId :
SSTD020757

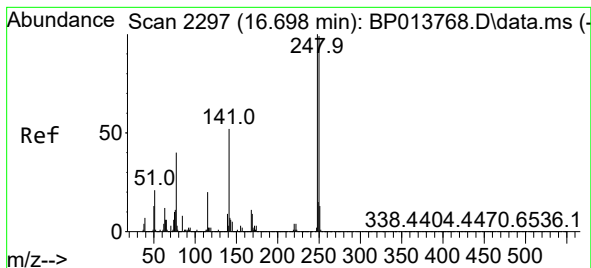
Tgt Ion:198 Resp: 155178
Ion Ratio Lower Upper
198 100
182 4.9 3.5 5.3
77 18.8 16.7 25.1



#67
N-Nitrosodiphenylamine
Concen: 20.592 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:169 Resp: 1031499
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.4
167 35.8 28.9 43.3

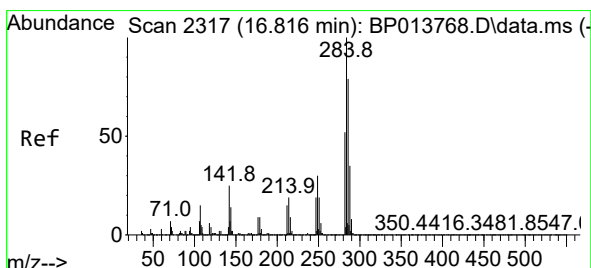
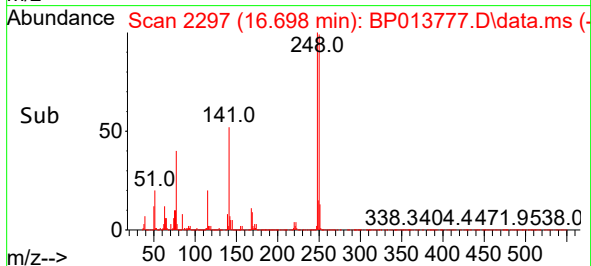
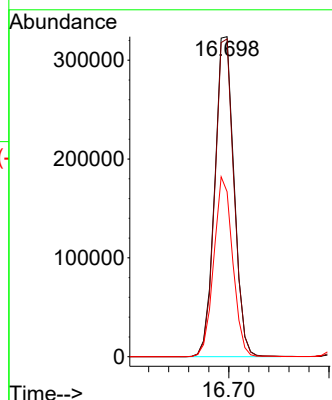
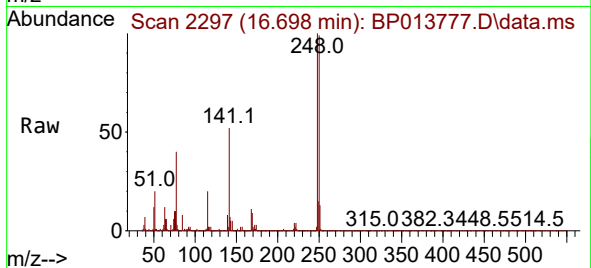




#68
4-Bromophenyl-phenylether
Concen: 20.488 ng/ul
RT: 16.698 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

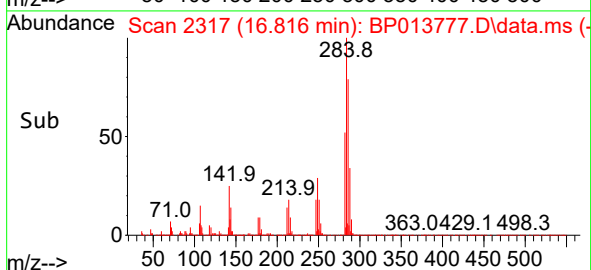
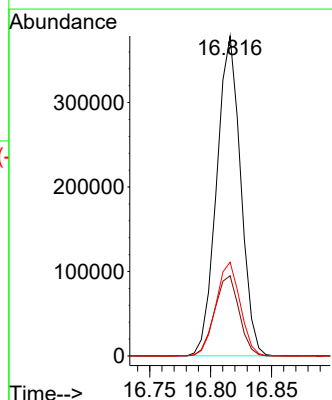
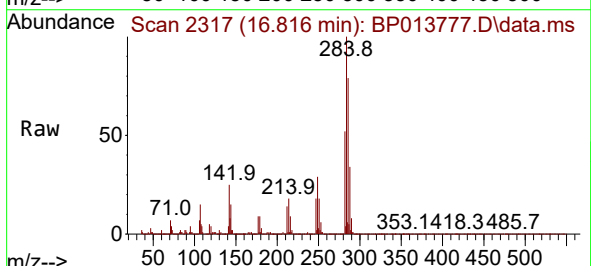
Instrument :
BNA_P
ClientSampleId :
SSTD020757

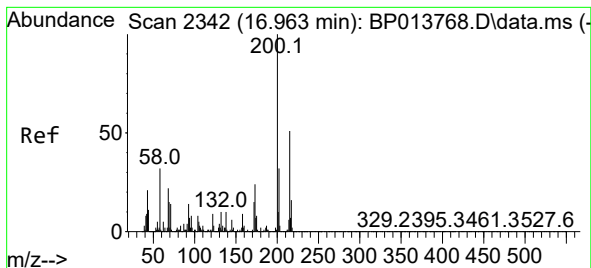
Tgt Ion:248 Resp: 432597
Ion Ratio Lower Upper
248 100
250 99.3 78.4 117.6
141 51.6 44.2 66.2



#69
Hexachlorobenzene
Concen: 20.922 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:284 Resp: 518276
Ion Ratio Lower Upper
284 100
142 25.0 21.4 32.2
249 29.3 24.5 36.7





#70

Atrazine

Concen: 20.193 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

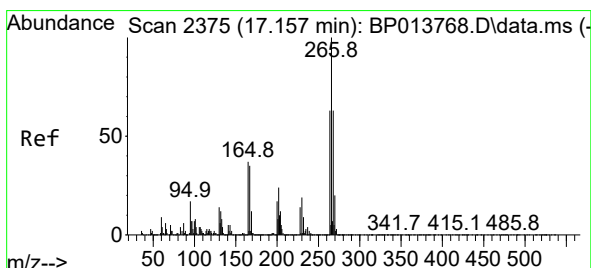
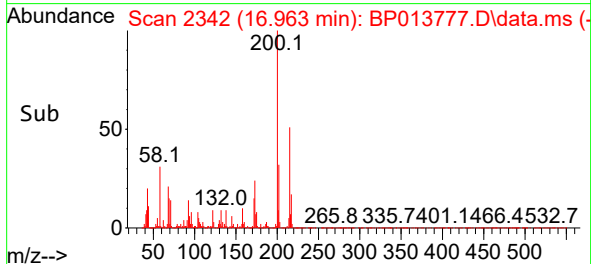
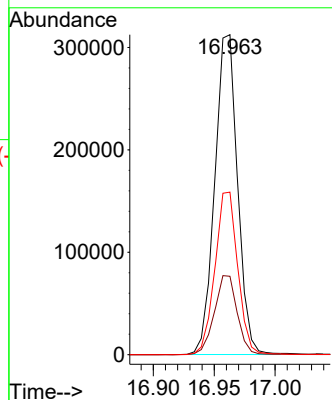
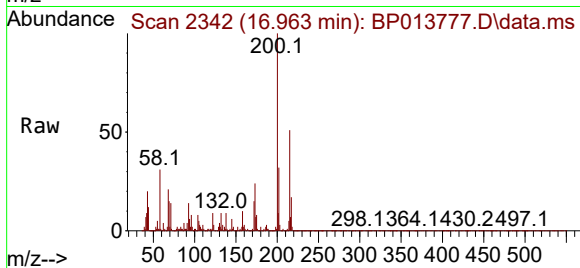
Tgt Ion:200 Resp: 407105

Ion Ratio Lower Upper

200 100

173 24.5 19.4 29.2

215 50.8 40.2 60.4



#71

Pentachlorophenol

Concen: 18.409 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

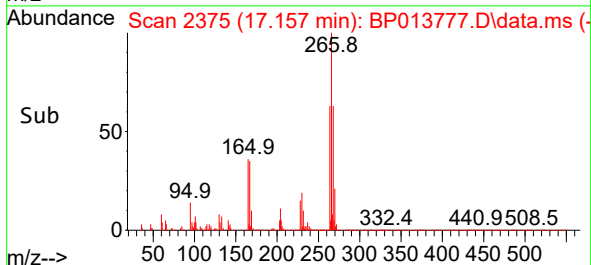
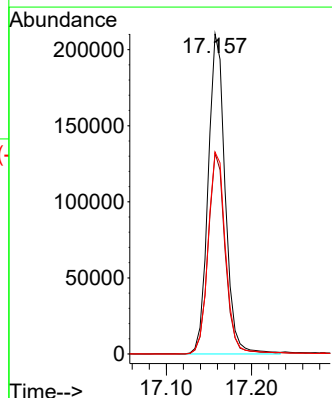
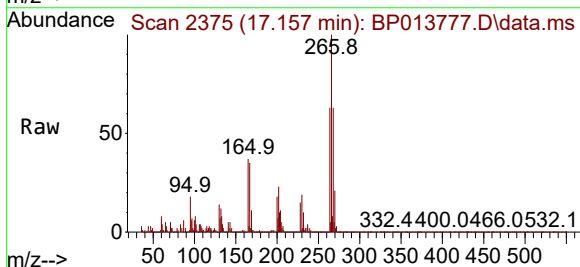
Tgt Ion:266 Resp: 291065

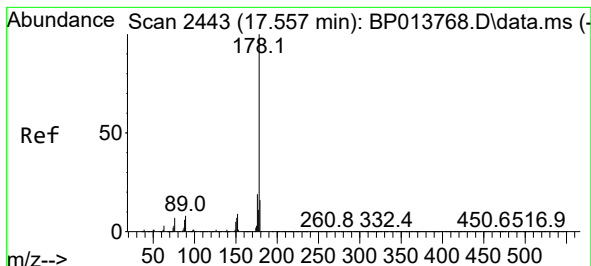
Ion Ratio Lower Upper

266 100

264 62.8 51.2 76.8

268 63.1 51.8 77.8





#72

Phenanthrene

Concen: 20.807 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

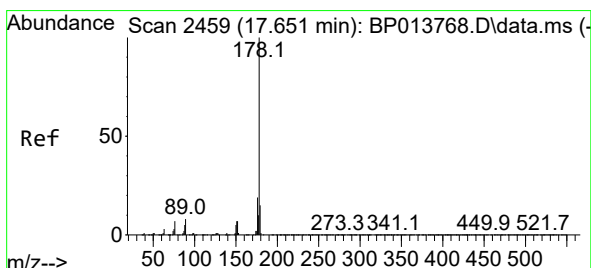
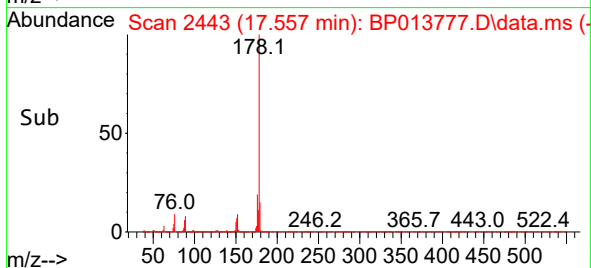
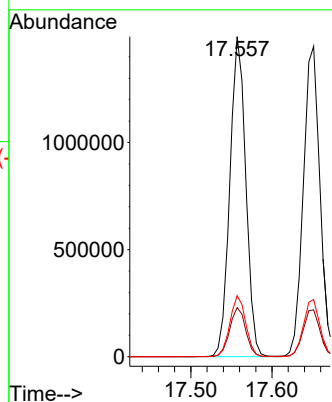
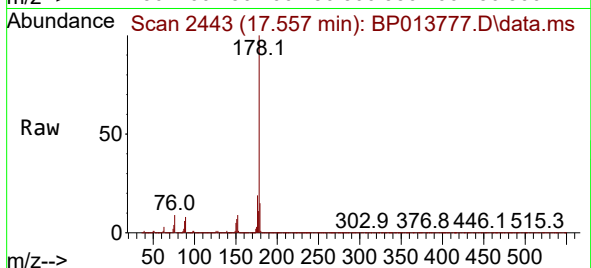
Tgt Ion:178 Resp: 2039685

Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 19.1 15.4 23.2



#74

Anthracene

Concen: 20.805 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

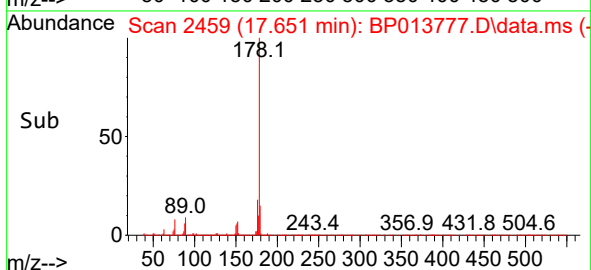
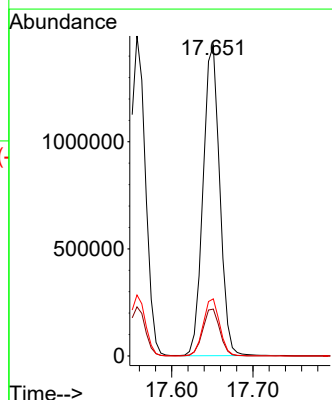
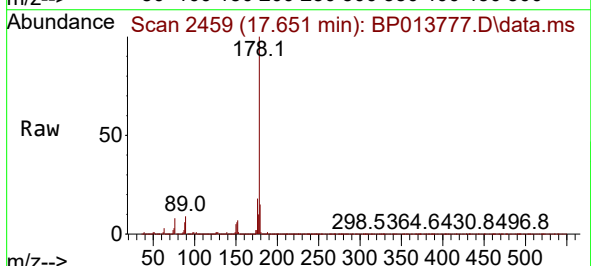
Tgt Ion:178 Resp: 2065758

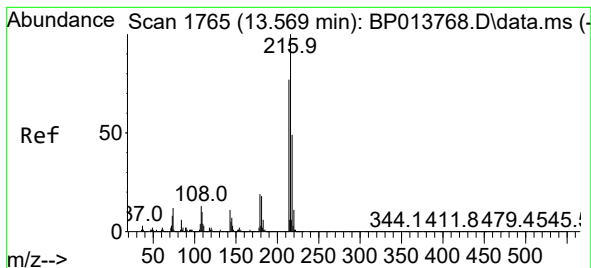
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 18.4 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.474 ng/uL

RT: 13.563 min Scan# 1764

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

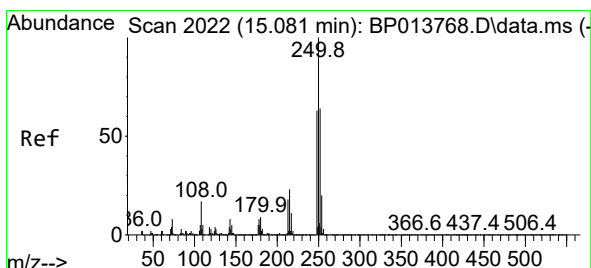
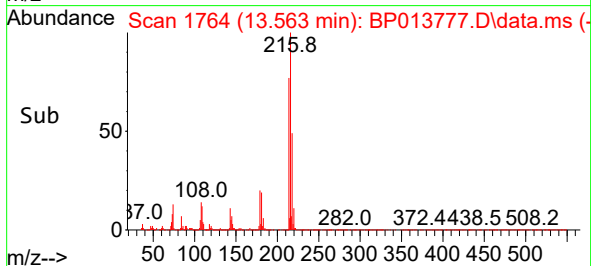
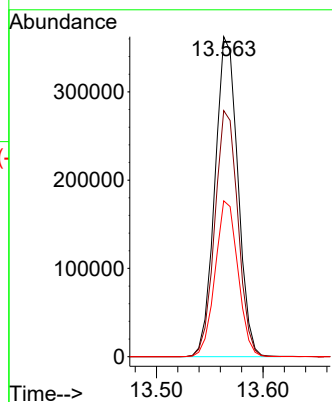
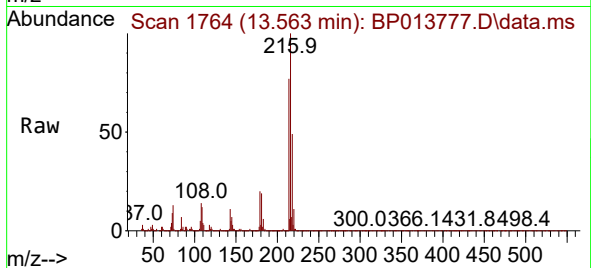
Tgt Ion:216 Resp: 541316

Ion Ratio Lower Upper

216 100

214 76.9 61.4 92.0

218 48.7 38.4 57.6



#76

Pentachlorobenzene

Concen: 20.505 ng/uL

RT: 15.081 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

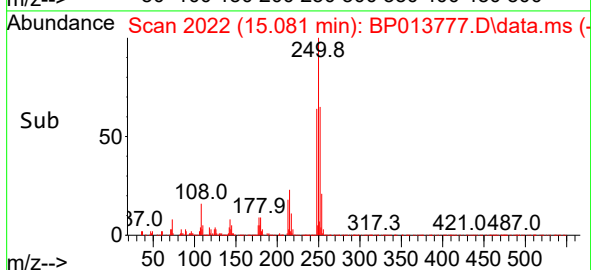
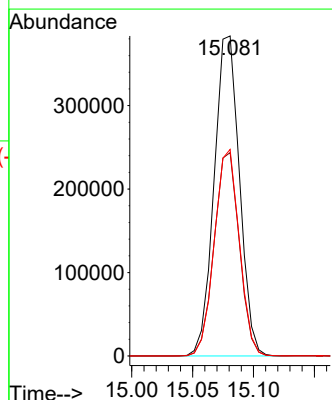
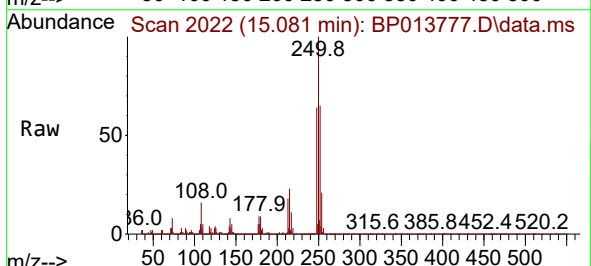
Tgt Ion:250 Resp: 555794

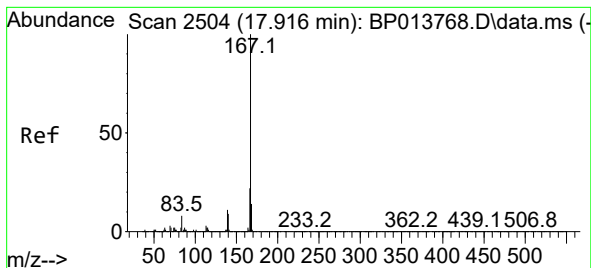
Ion Ratio Lower Upper

250 100

248 63.6 50.3 75.5

252 64.5 51.8 77.8





#77

Carbazole

Concen: 21.280 ng/ul

RT: 17.910 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

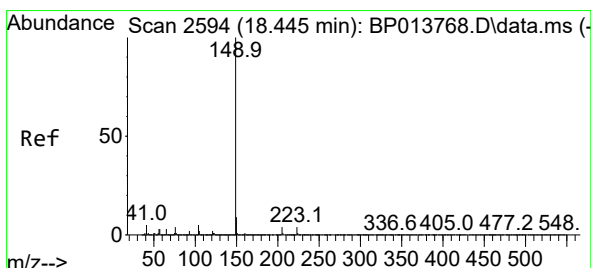
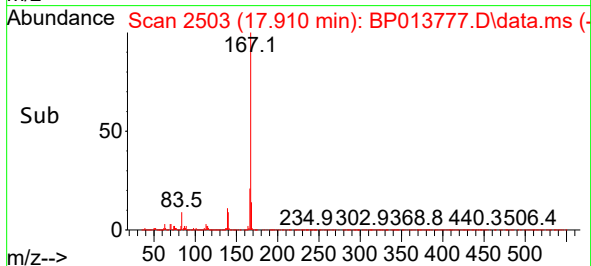
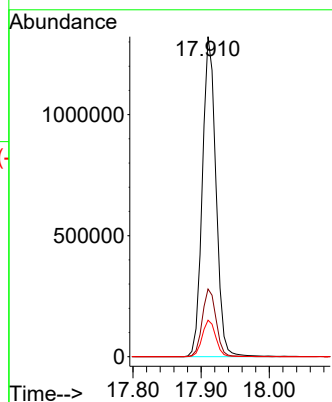
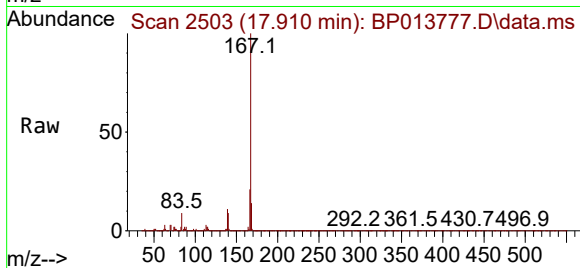
Tgt Ion:167 Resp: 1833005

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 11.4 9.4 14.2



#78

Di-n-butylphthalate

Concen: 19.056 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

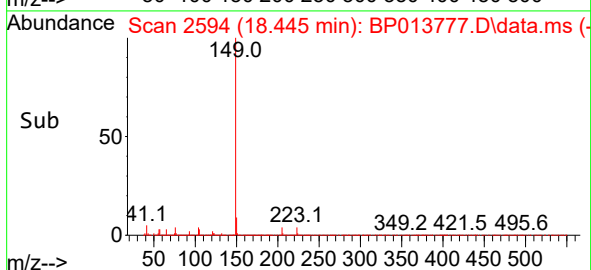
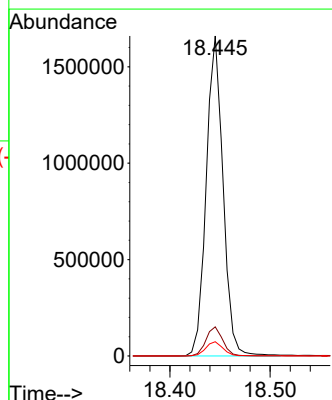
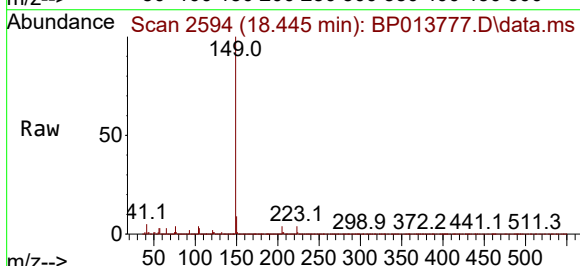
Tgt Ion:149 Resp: 1939406

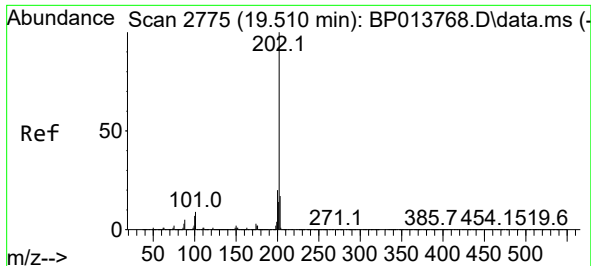
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.4 3.8 5.8

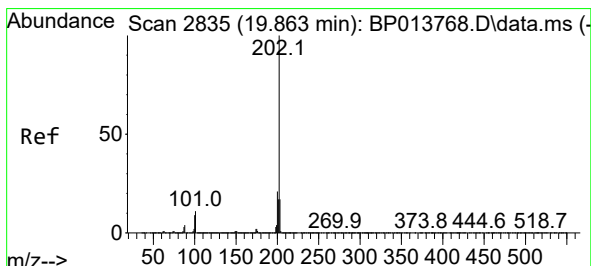
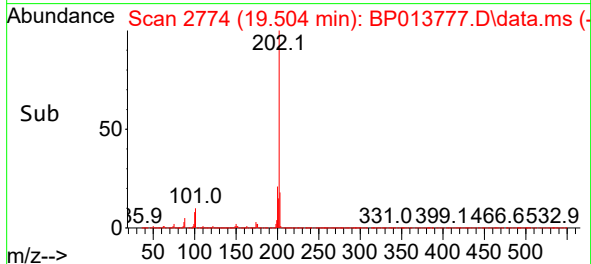
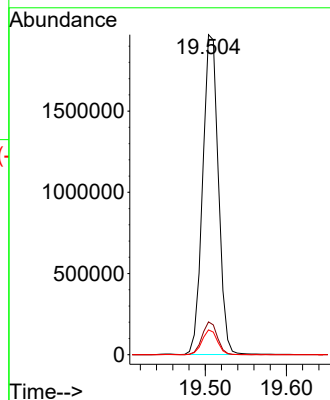
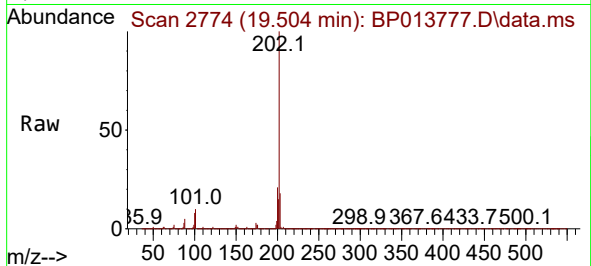




#80
Fluoranthene
Concen: 19.653 ng/ul
RT: 19.504 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

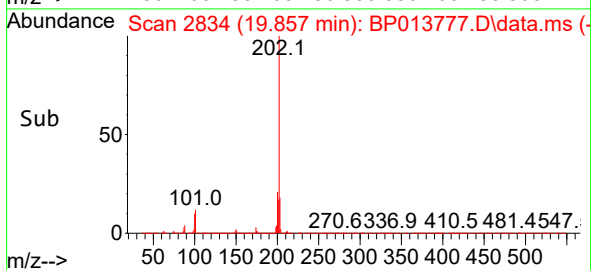
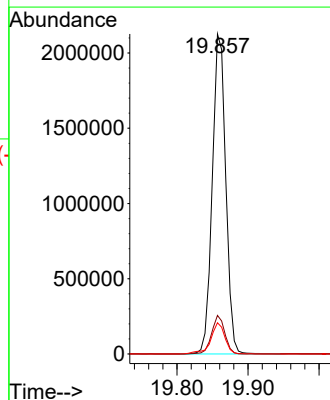
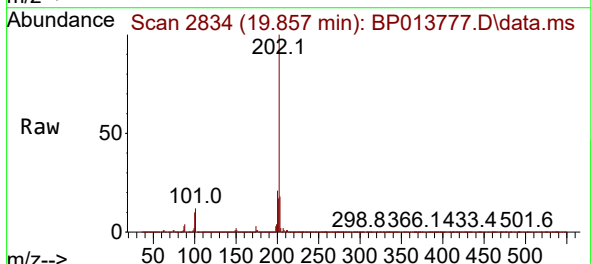
Instrument :
BNA_P
ClientSampleId :
SSTD020757

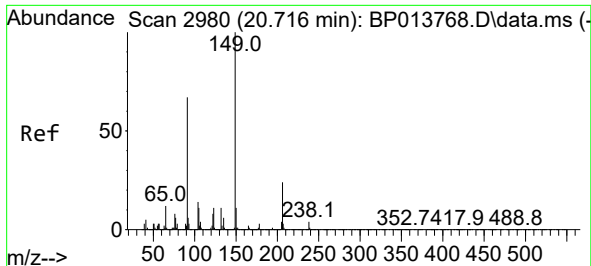
Tgt Ion:202 Resp: 2640638
Ion Ratio Lower Upper
202 100
101 10.3 7.6 11.4
100 7.8 5.7 8.5



#82
Pyrene
Concen: 20.381 ng/ul
RT: 19.857 min Scan# 2834
Delta R.T. -0.012 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:202 Resp: 2799759
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 9.7 7.3 10.9

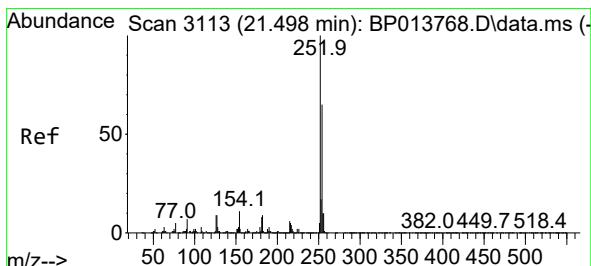
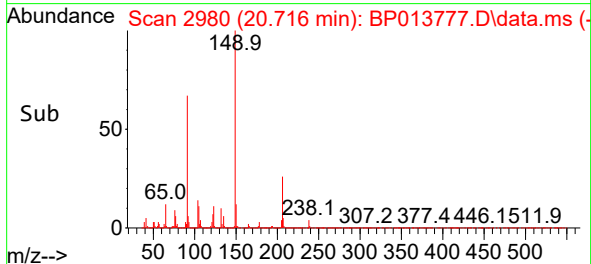
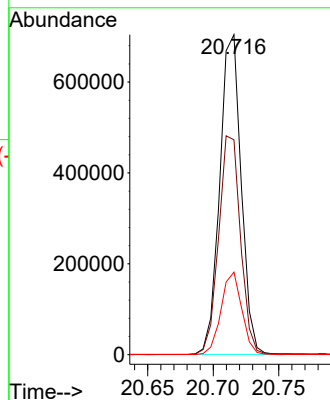
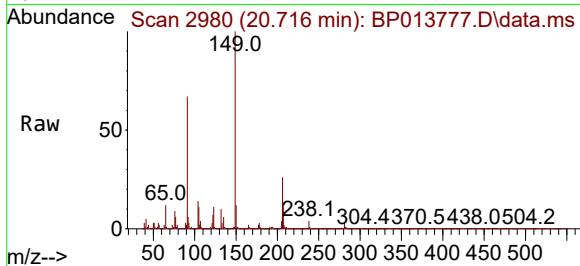




#83
Butylbenzylphthalate
Concen: 20.226 ng/ul
RT: 20.716 min Scan# 2980
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

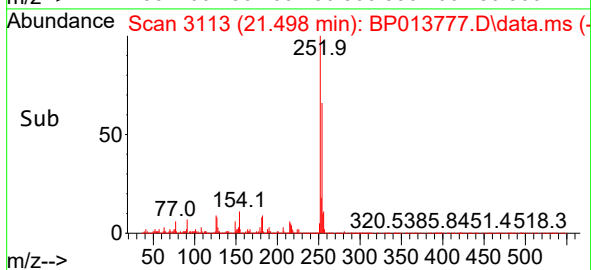
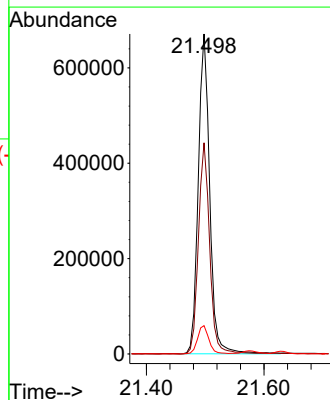
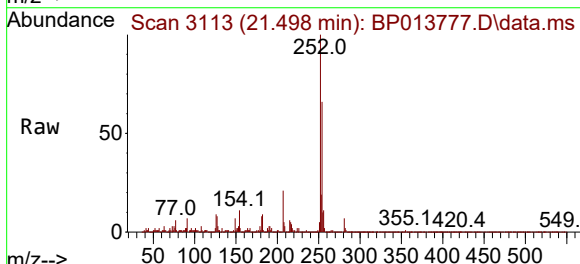
Instrument :
BNA_P
ClientSampleId :
SSTD020757

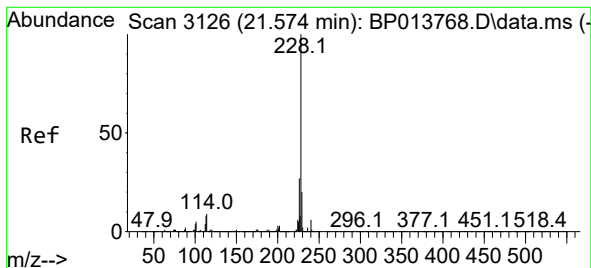
Tgt Ion:149 Resp: 798277
Ion Ratio Lower Upper
149 100
91 67.1 53.9 80.9
206 25.8 19.4 29.2



#84
3,3'-Dichlorobenzidine
Concen: 19.265 ng/ul
RT: 21.498 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP013777.D
Acq: 06 Feb 2023 18:07

Tgt Ion:252 Resp: 904368
Ion Ratio Lower Upper
252 100
254 66.0 52.6 79.0
126 8.8 7.0 10.6





#85

Benzo(a)anthracene

Concen: 20.745 ng/ul

RT: 21.575 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

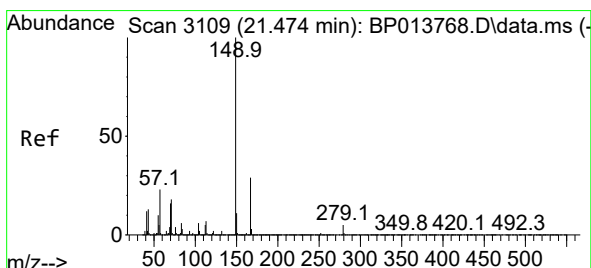
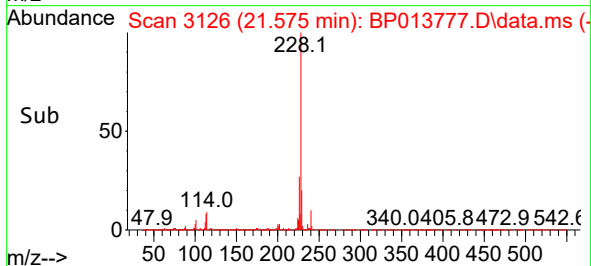
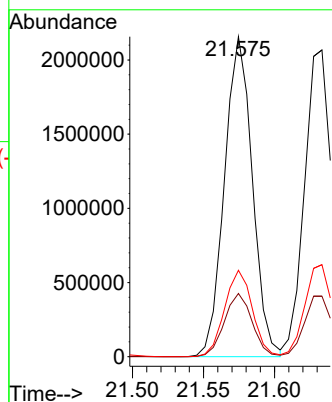
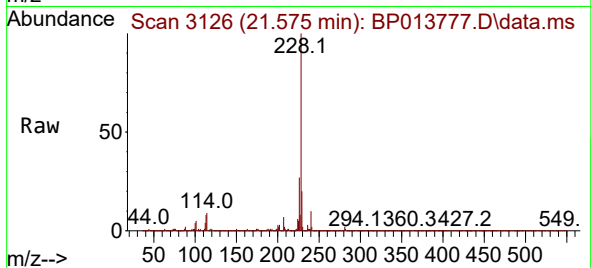
Tgt Ion:228 Resp: 2947659

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.8

226 27.0 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.785 ng/ul

RT: 21.475 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

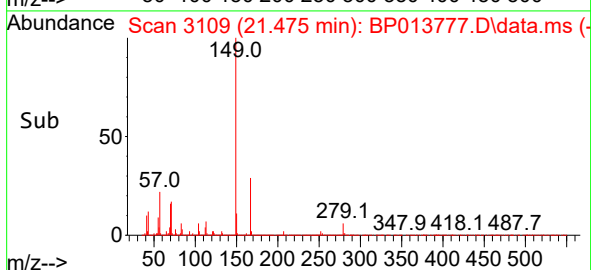
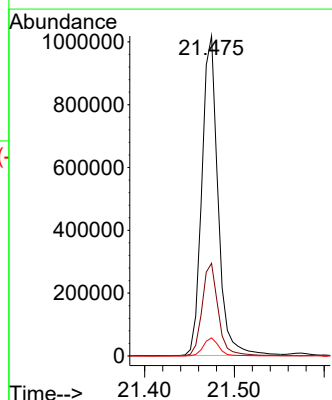
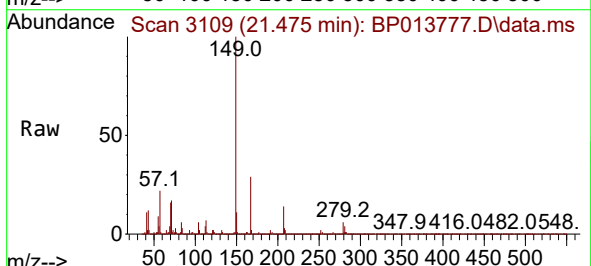
Tgt Ion:149 Resp: 1271116

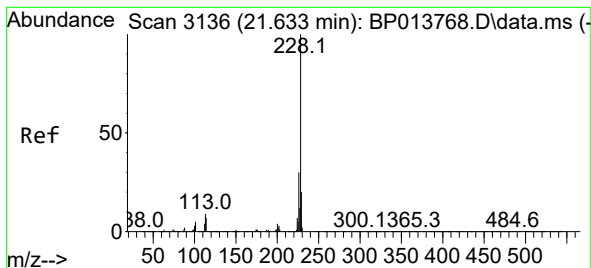
Ion Ratio Lower Upper

149 100

167 28.9 22.7 34.1

279 5.7 3.9 5.9





#87

Chrysene

Concen: 20.939 ng/ul

RT: 21.633 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

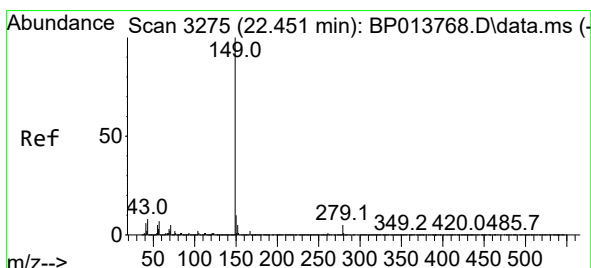
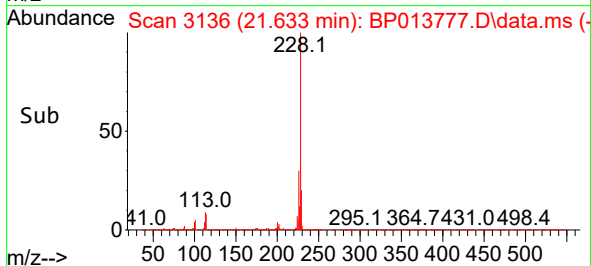
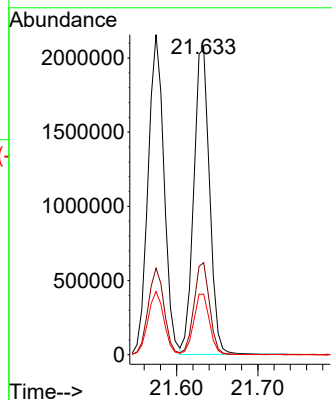
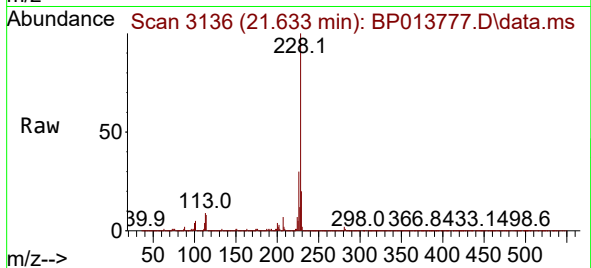
Tgt Ion:228 Resp: 2801135

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.7 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 19.154 ng/ul

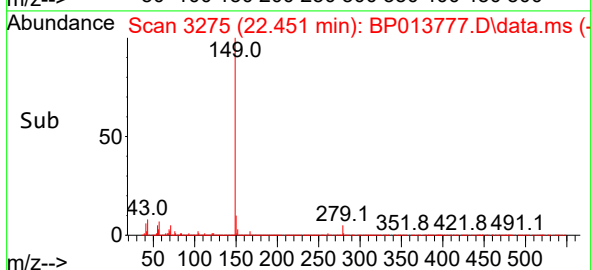
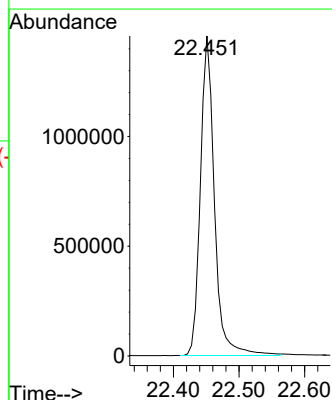
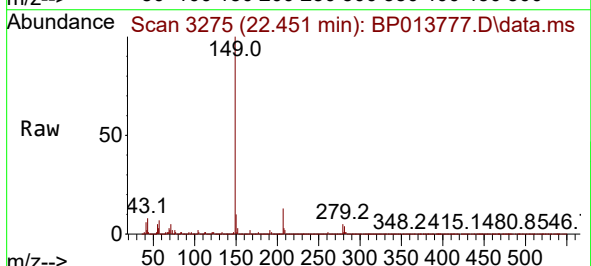
RT: 22.451 min Scan# 3275

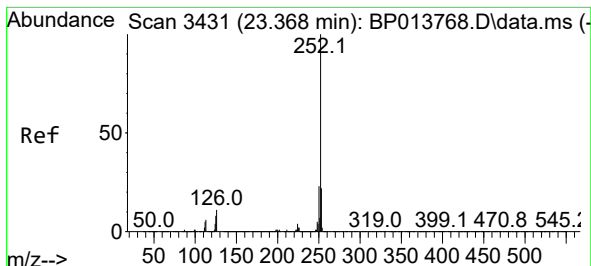
Delta R.T. -0.012 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Tgt Ion:149 Resp: 2179864





#90

Benzo(b)fluoranthene

Concen: 20.948 ng/ul

RT: 23.369 min Scan# 3431

Delta R.T. -0.012 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

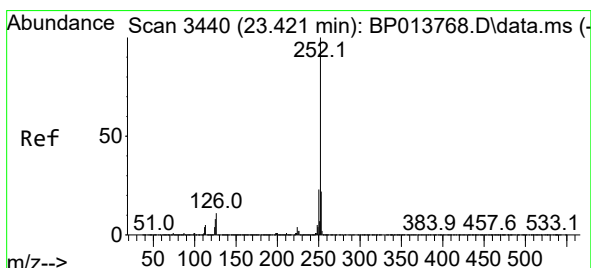
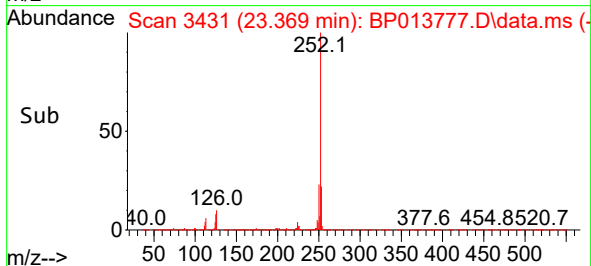
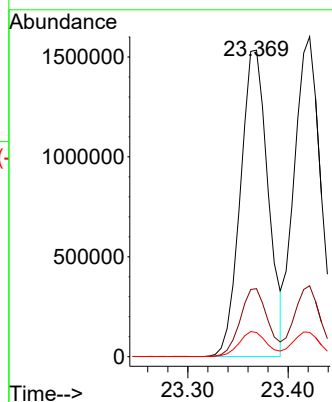
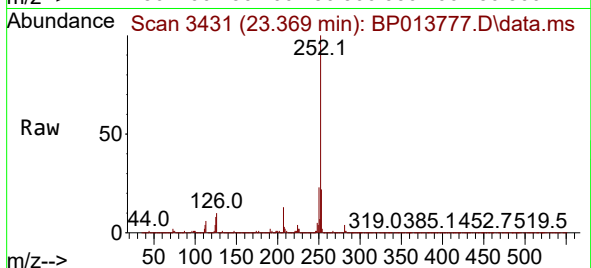
Tgt Ion:252 Resp: 2954397

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.9 6.5 9.7



#91

Benzo(k)fluoranthene

Concen: 21.947 ng/ul

RT: 23.421 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

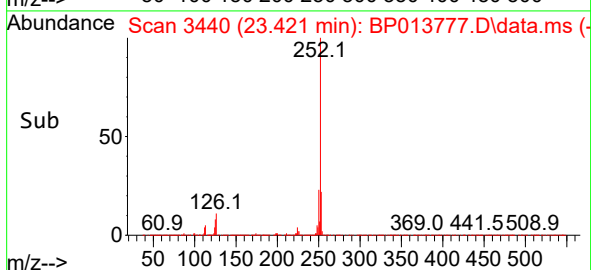
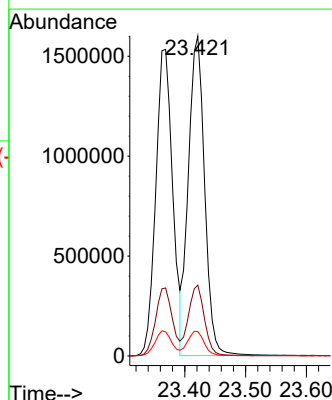
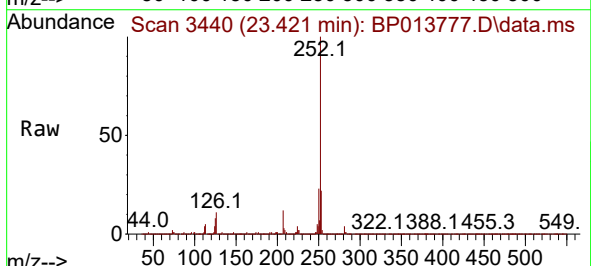
Tgt Ion:252 Resp: 2958307

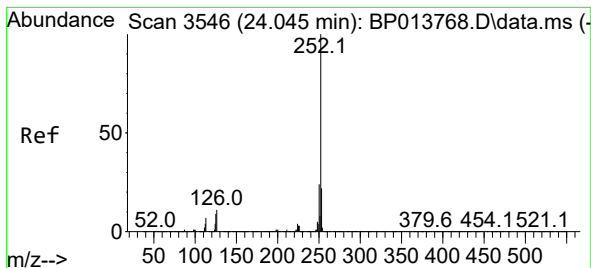
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.6 6.7 10.1





#93

Benzo(a)pyrene

Concen: 20.773 ng/ul

RT: 24.045 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

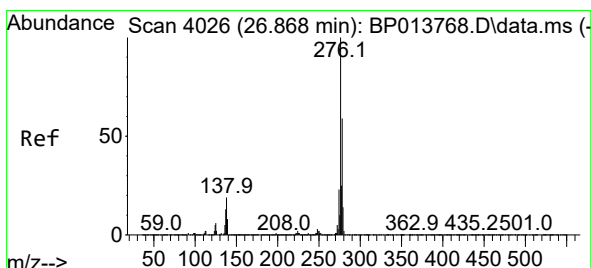
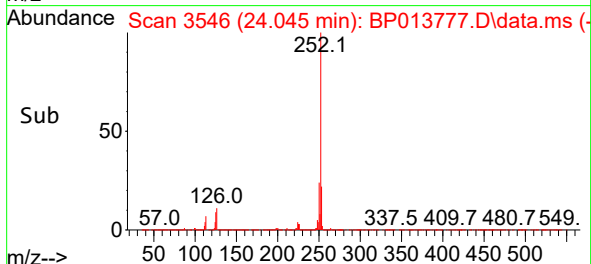
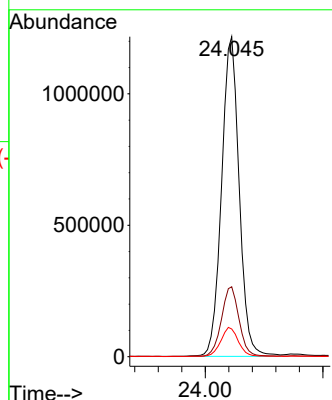
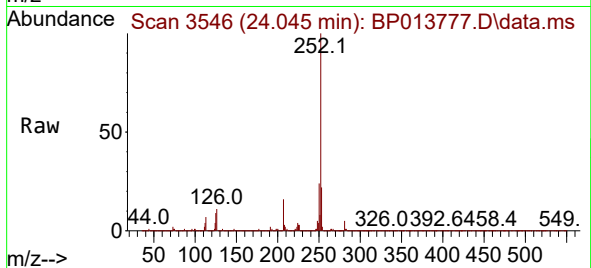
Tgt Ion:252 Resp: 2529346

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.6 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.325 ng/ul

RT: 26.862 min Scan# 4025

Delta R.T. -0.024 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

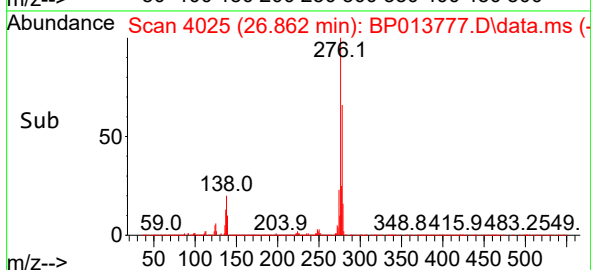
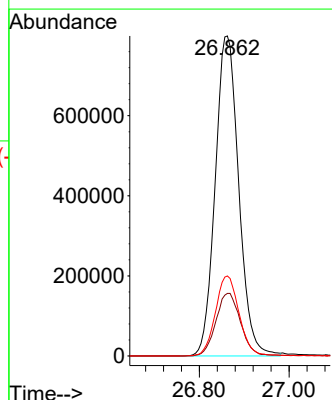
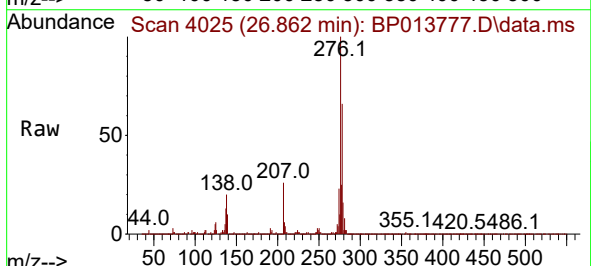
Tgt Ion:276 Resp: 2915257

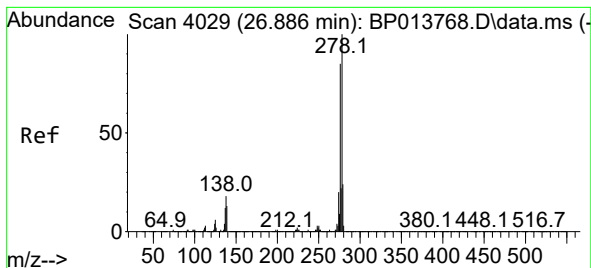
Ion Ratio Lower Upper

276 100

138 19.5 15.0 22.6

277 25.0 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 19.306 ng/ul

RT: 26.880 min Scan# 4029

Delta R.T. -0.024 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Instrument :

BNA_P

ClientSampleId :

SSTD020757

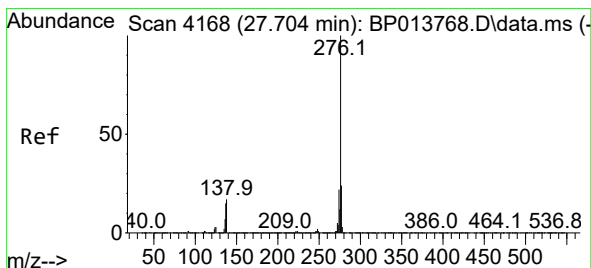
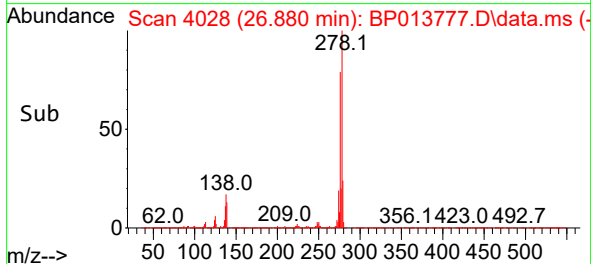
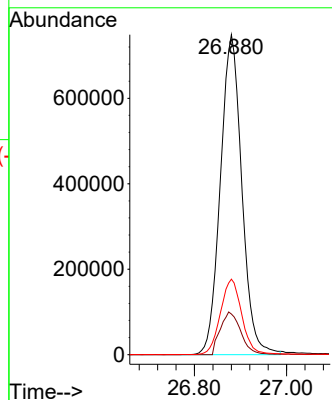
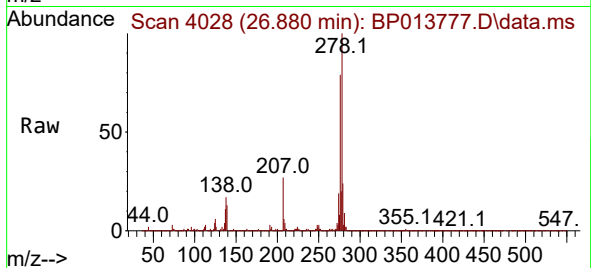
Tgt Ion:278 Resp: 2414396

Ion Ratio Lower Upper

278 100

139 12.7 10.2 15.4

279 23.6 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 19.430 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. -0.029 min

Lab File: BP013777.D

Acq: 06 Feb 2023 18:07

Tgt Ion:276 Resp: 2318783

Ion Ratio Lower Upper

276 100

138 18.2 14.3 21.5

277 23.9 19.2 28.8

