

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018750.D
 Acq On : 12 Dec 2023 04:27
 Operator : MA/JU
 Sample : PB157521BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS521

Quant Time: Dec 12 05:25:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	150904	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	573286	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	370568	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	858309	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.310	240	966208	20.000	ng/u1	# 0.00
88) Perylene-d12	23.674	264	1162402	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	25877	5.844	ng/uL	0.00
4) Pyridine-d5	3.676	84	339806	28.648	ng/u1	0.00
7) Phenol-d5	7.011	99	424619	28.039	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	244842	27.279	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	340829	28.843	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	332998	27.171	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	160758	31.506	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	176614	33.386	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	356215	32.931	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	424253	30.011	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1080293	32.663	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1149496	31.564	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	197126	36.310	ng/u1	0.00
60) Fluorene-d10	15.463	176	900392	32.433	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	188167	36.563	ng/u1	0.00
73) Anthracene-d10	17.316	188	1452099	32.181	ng/u1	0.00
81) Pyrene-d10	19.551	212	1916186	25.477	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.522	264	2333736	34.433	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	49920	10.280	ng/uL	97
5) Pyridine	3.699	79	347360	28.999	ng/u1	97
6) Benzaldehyde	6.981	77	215956	27.620	ng/u1	99
8) Phenol	7.034	94	423483	28.515	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.269	93	341884	28.031	ng/u1	99
12) 2-Chlorophenol	7.405	128	341077	28.520	ng/u1	98
13) 2-Methylphenol	8.287	108	312294	27.467	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	399868	25.839	ng/u1	97
16) Acetophenone	8.664	105	510320	27.940	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.658	70	243799	24.264	ng/u1	99
18) 4-Methylphenol	8.616	108	337861	27.214	ng/u1	99
19) Hexachloroethane	8.916	117	147259	30.035	ng/u1	86
22) Nitrobenzene	9.046	77	387686	31.251	ng/u1	99
23) Isophorone	9.569	82	711237	28.119	ng/u1	97
25) 2-Nitrophenol	9.752	139	191487	33.807	ng/u1	95
26) 2,4-Dimethylphenol	9.816	107	294344	26.571	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.058	93	444002	27.804	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	342377	32.861	ng/u1	97
30) Naphthalene	10.687	128	1046205	30.083	ng/u1	100
32) 4-Chloroaniline	10.799	127	346561	25.722	ng/u1	99
33) Hexachlorobutadiene	10.969	225	271423	38.897	ng/u1	99
34) Caprolactam	11.575	113	105914	33.152	ng/u1	94
35) 4-Chloro-3-methylphenol	11.928	107	358722	30.733	ng/u1	98
36) 2-Methylnaphthalene	12.293	142	733358	29.765	ng/u1	99

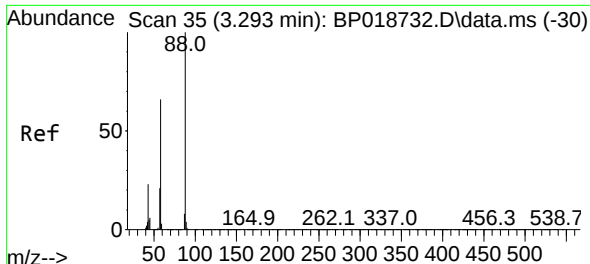
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	718330	28.870	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	483388	35.954	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	247182	31.018	ng/ul	97
41) 2,4,6-Trichlorophenol	12.904	196	291069	33.654	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	322876	34.434	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	988290	30.837	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	794534	31.389	ng/ul	99
45) 2-Nitroaniline	13.557	65	221555	32.287	ng/ul	99
47) Dimethylphthalate	13.934	163	1060371	32.571	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	216941	35.270	ng/ul	97
50) Acenaphthylene	14.193	152	1263706	30.863	ng/ul	100
51) 3-Nitroaniline	14.381	138	207955	33.869	ng/ul	100
52) Acenaphthene	14.534	153	848598	31.345	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	120539	36.977	ng/ul	93
55) 4-Nitrophenol	14.687	109	174003	42.423	ng/ul	84
56) Dibenzofuran	14.869	168	1210360	32.167	ng/ul	100
57) 2,4-Dinitrotoluene	14.840	165	320412	37.033	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.093	232	280952	35.721	ng/ul	96
59) Diethylphthalate	15.298	149	1045082	32.805	ng/ul	100
61) Fluorene	15.516	166	982147	32.987	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.516	204	542446	34.738	ng/ul	96
63) 4-Nitroaniline	15.546	138	221021	37.785	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.598	198	198842	36.138	ng/ul	94
67) N-Nitrosodiphenylamine	15.728	169	859132	30.207	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	371982	34.329	ng/ul	96
69) Hexachlorobenzene	16.516	284	450904	37.271	ng/ul	98
70) Atrazine	16.687	200	230195	27.223	ng/ul	98
71) Pentachlorophenol	16.869	266	263023	36.556	ng/ul	98
72) Phenanthrene	17.263	178	1670326	32.222	ng/ul	100
74) Anthracene	17.351	178	1655121	31.853	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	484827	32.668	ng/ul	98
76) Pentachlorobenzene	14.787	250	494711	33.935	ng/ul	99
77) Carbazole	17.628	167	1531860	36.990	ng/ul	100
78) Di-n-butylphthalate	18.181	149	1831962	33.222	ng/ul	100
80) Fluoranthene	19.228	202	2185086	24.578	ng/ul#	94
82) Pyrene	19.581	202	2244609	25.027	ng/ul#	92
83) Butylbenzylphthalate	20.463	149	867846	26.432	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.228	252	841331	35.832	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2536318	32.340	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1288628	28.555	ng/ul#	99
87) Chrysene	21.345	228	2369802	32.813	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2331421	27.471	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2835756	33.087	ng/ul#	98
91) Benzo(k)fluoranthene	22.998	252	2726743	32.882	ng/ul#	97
93) Benzo(a)pyrene	23.569	252	2634229	33.638	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.139	276	3475614	37.146	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.151	278	2891669	37.152	ng/ul#	95
96) Benzo(g,h,i)perylene	26.892	276	2781900	36.945	ng/ul#	93

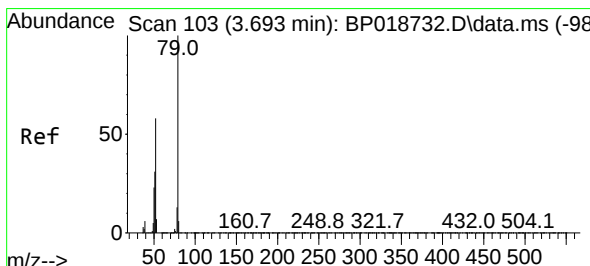
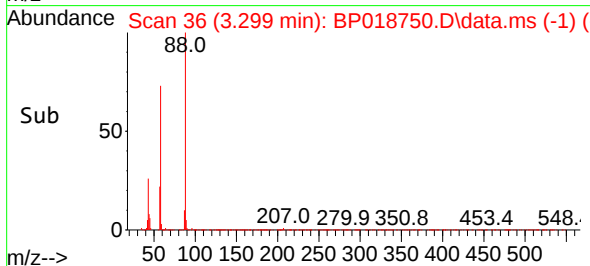
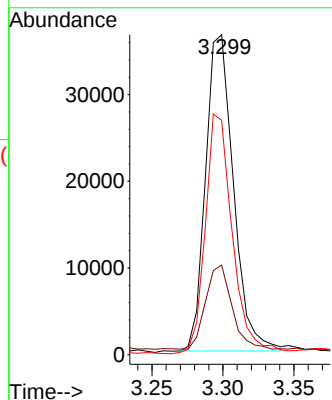
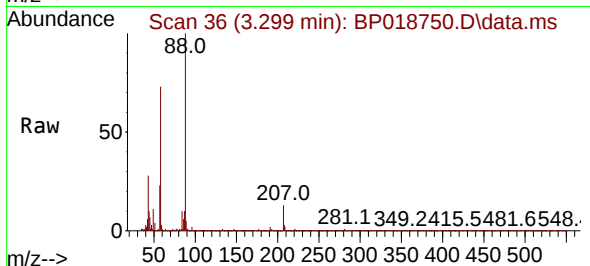
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#2
 1,4-Dioxane
 Concen: 10.280 ng/uL
 RT: 3.299 min Scan# 30
 Delta R.T. 0.006 min
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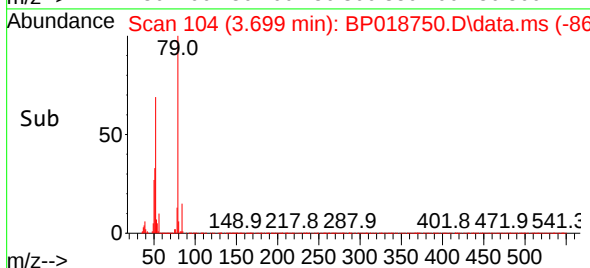
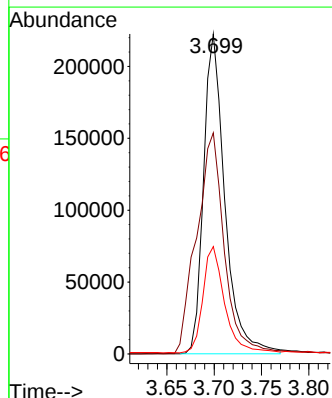
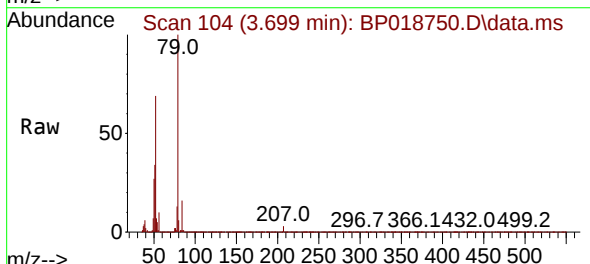
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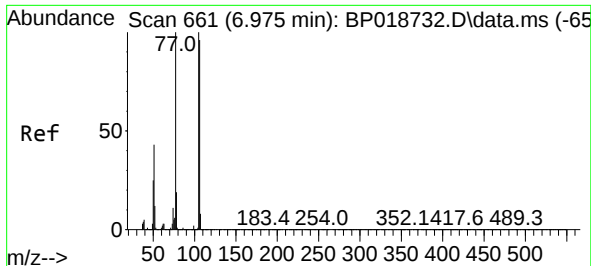
Tgt Ion: 88 Resp: 49920
 Ion Ratio Lower Upper
 88 100
 43 28.0 21.8 32.6
 58 73.3 56.5 84.7



#5
 Pyridine
 Concen: 28.999 ng/uL
 RT: 3.699 min Scan# 104
 Delta R.T. 0.006 min
 Lab File: BP018750.D
 Acq: 12 Dec 2023 04:27

Tgt Ion: 79 Resp: 347360
 Ion Ratio Lower Upper
 79 100
 52 69.1 57.4 86.0
 51 33.6 26.2 39.4

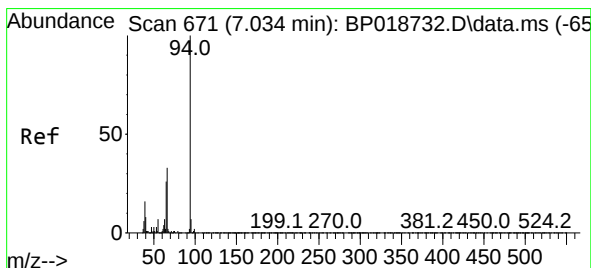
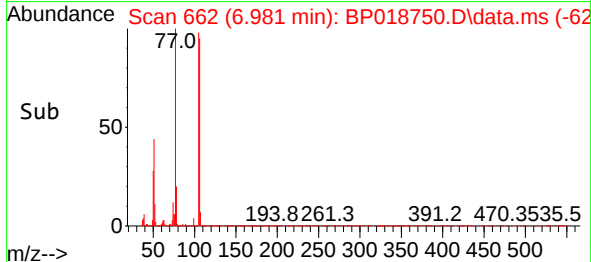
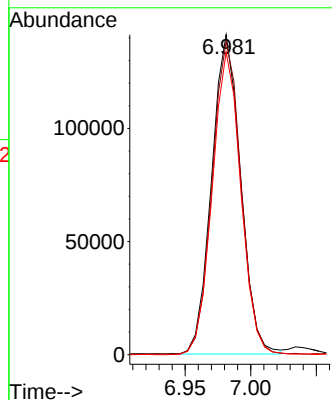
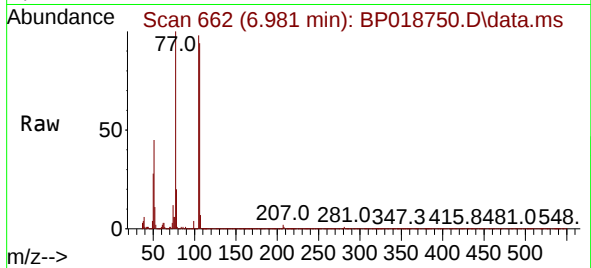




#6
Benzaldehyde
Concen: 27.620 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

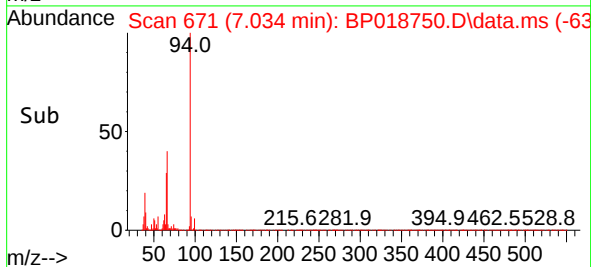
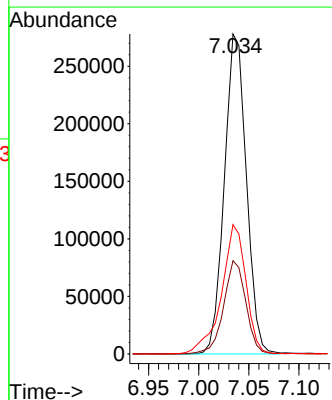
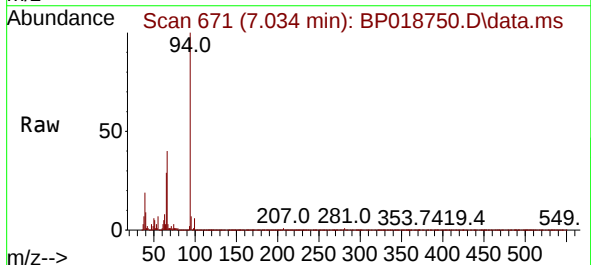
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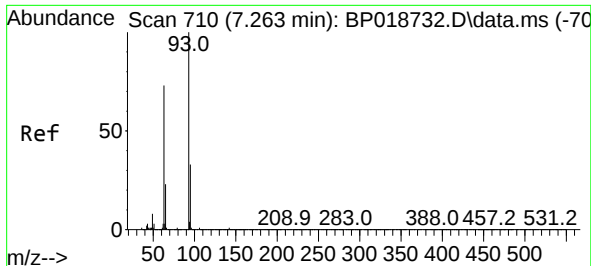
Tgt Ion: 77 Resp: 215956
Ion Ratio Lower Upper
77 100
105 97.8 77.9 116.9
106 94.5 74.6 111.8



#8
Phenol
Concen: 28.515 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion: 94 Resp: 423483
Ion Ratio Lower Upper
94 100
65 29.2 21.0 31.6
66 40.4 28.6 43.0

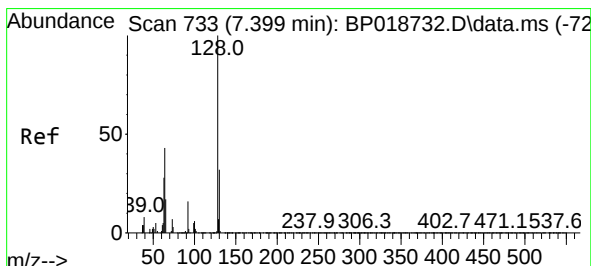
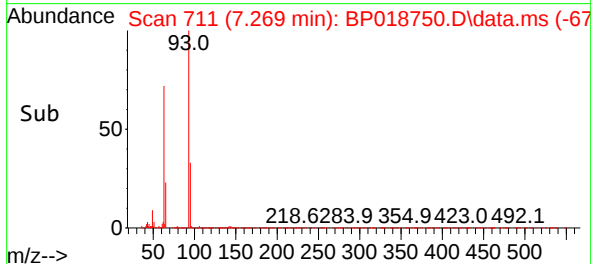
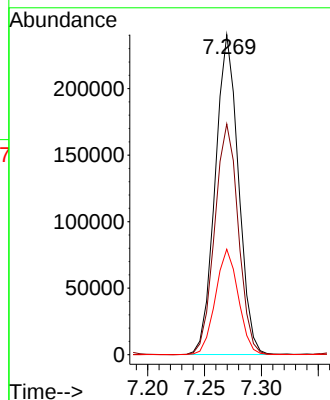
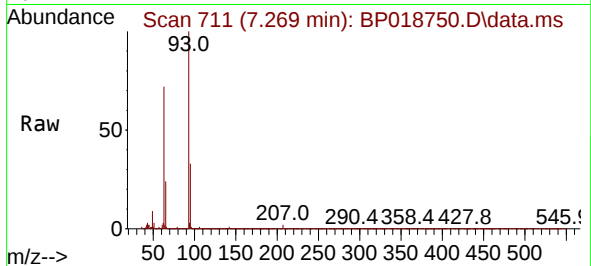




#10
Bis(2-Chloroethyl)ether
Concen: 28.031 ng/ul
RT: 7.269 min Scan# 710
Delta R.T. 0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

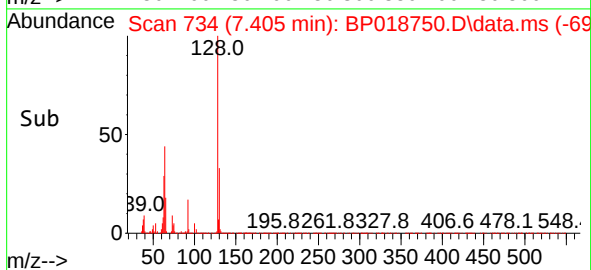
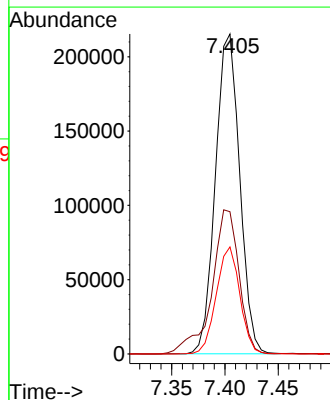
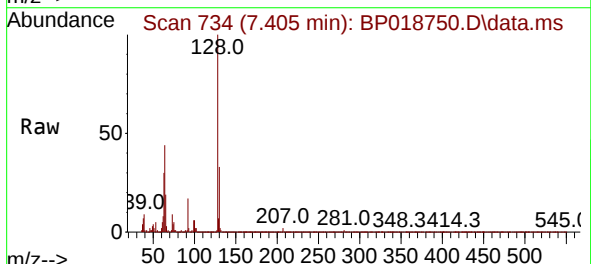
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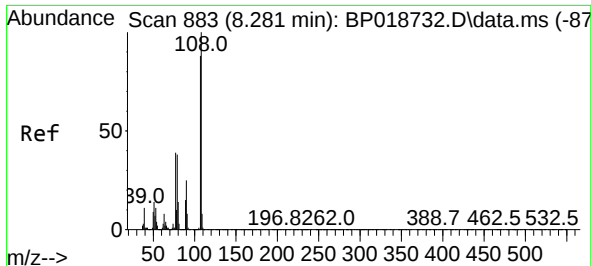
Tgt Ion: 93 Resp: 341884
Ion Ratio Lower Upper
93 100
63 72.1 58.3 87.5
95 32.9 25.9 38.9



#12
2-Chlorophenol
Concen: 28.520 ng/ul
RT: 7.405 min Scan# 734
Delta R.T. 0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:128 Resp: 341077
Ion Ratio Lower Upper
128 100
64 44.4 37.0 55.4
130 33.4 26.8 40.2

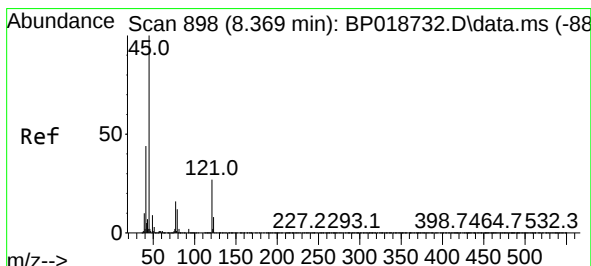
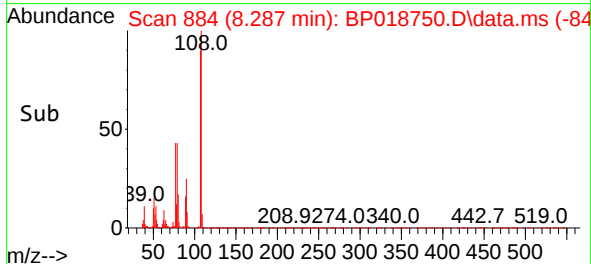
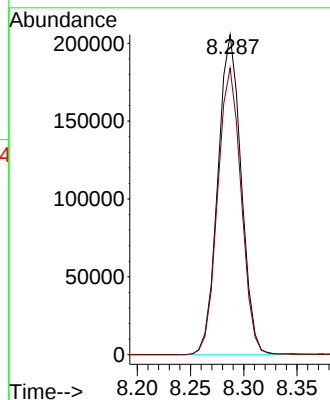
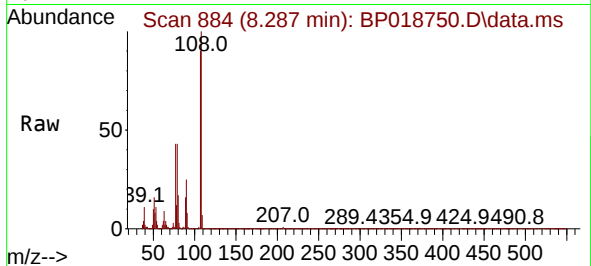




#13
2-Methylphenol
Concen: 27.467 ng/ul
RT: 8.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

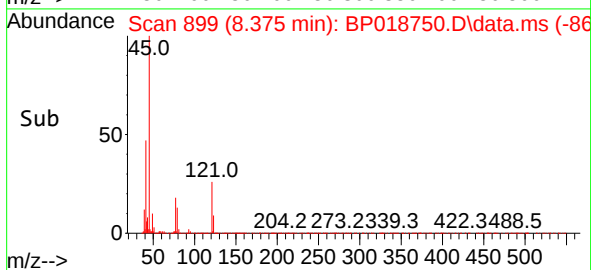
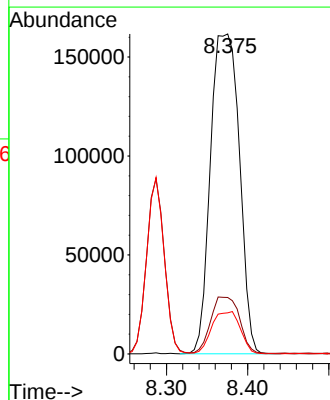
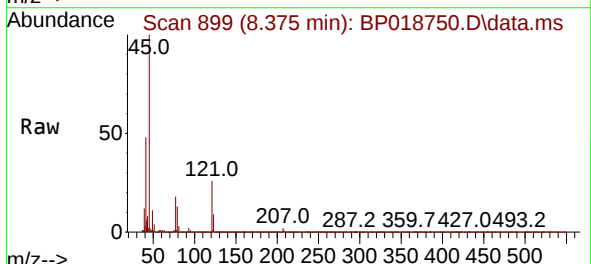
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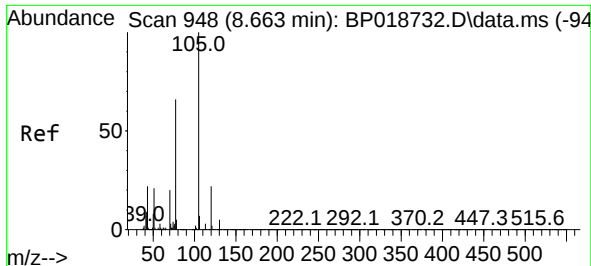
Tgt Ion:108 Resp: 312294
Ion Ratio Lower Upper
108 100
107 89.6 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 25.839 ng/ul
RT: 8.375 min Scan# 899
Delta R.T. 0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion: 45 Resp: 399868
Ion Ratio Lower Upper
45 100
77 17.6 12.7 19.1
79 12.9 10.5 15.7

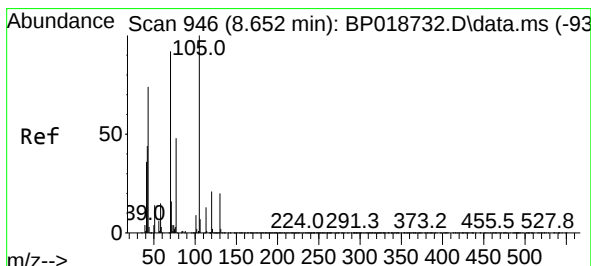
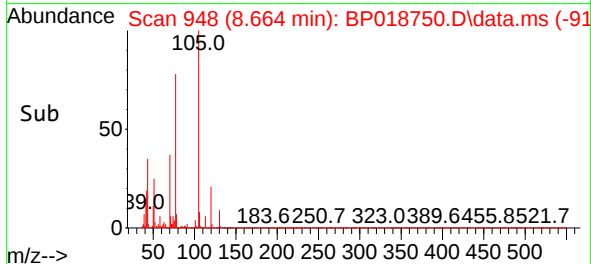
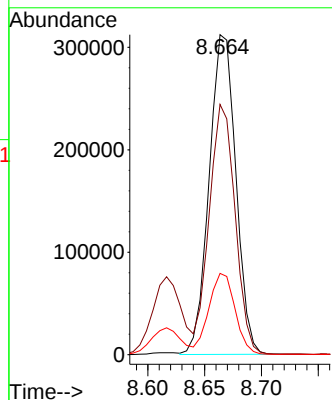
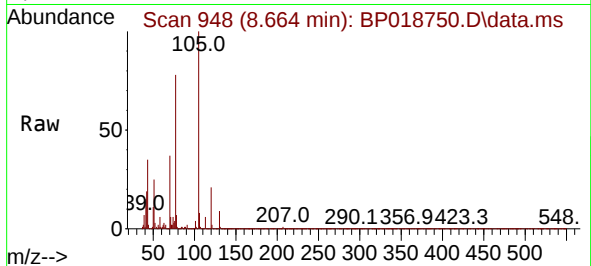




#16
Acetophenone
Concen: 27.940 ng/ul
RT: 8.664 min Scan# 948
Delta R.T. 0.000 min
Lab File: BP018750.D
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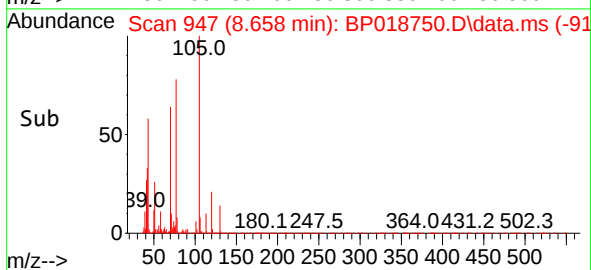
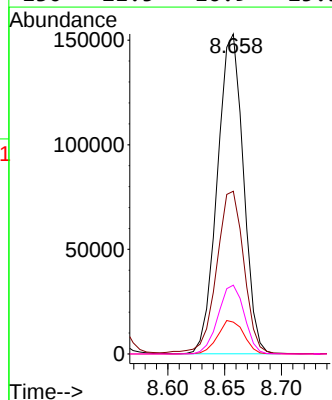
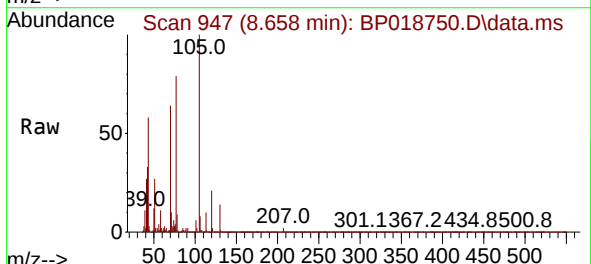
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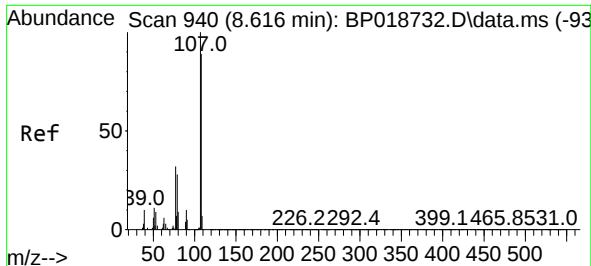
Tgt Ion:105 Resp: 510320
Ion Ratio Lower Upper
105 100
77 78.2 59.4 89.0
51 25.4 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 24.264 ng/ul
RT: 8.658 min Scan# 947
Delta R.T. 0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion: 70 Resp: 243799
Ion Ratio Lower Upper
70 100
42 50.9 41.0 61.4
101 9.9 7.8 11.8
130 21.5 16.9 25.3

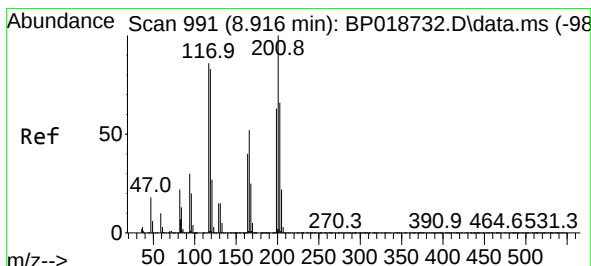
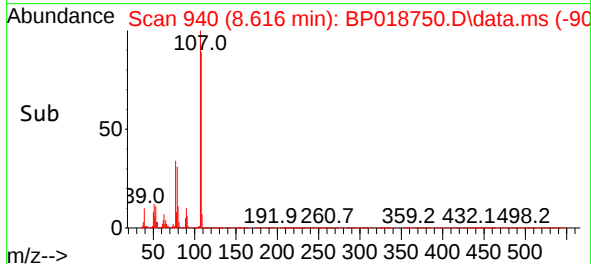
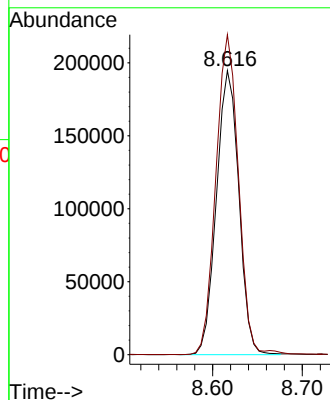
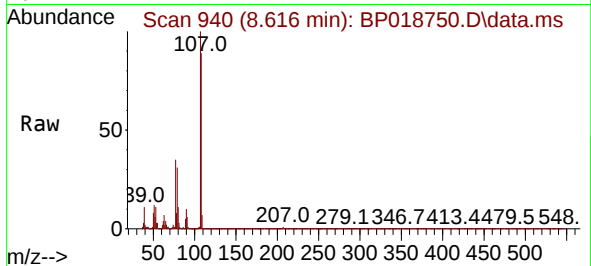




#18
4-Methylphenol
Concen: 27.214 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

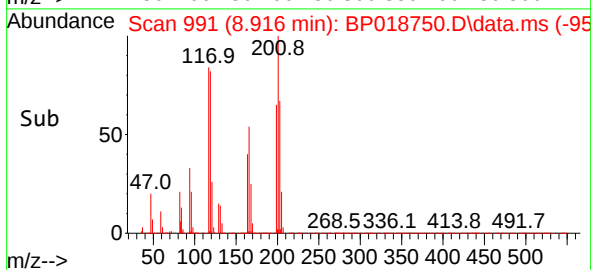
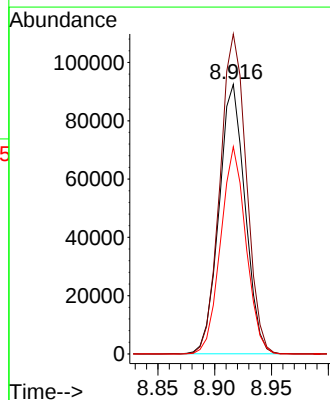
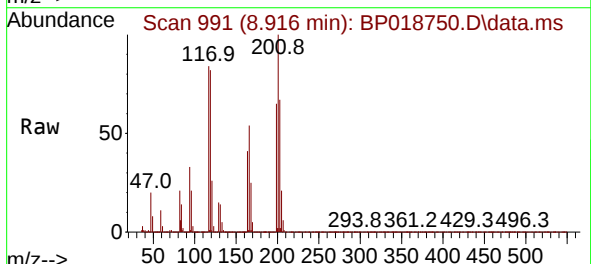
Instrument :
BNA_P
ClientSampleId :
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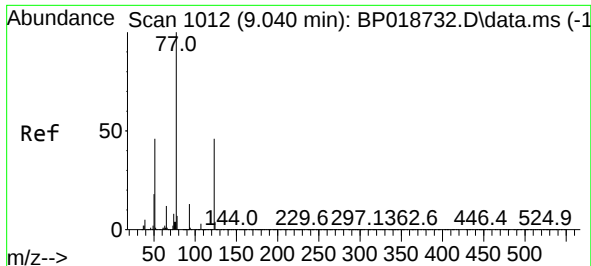
Tgt Ion:108 Resp: 337861
Ion Ratio Lower Upper
108 100
107 112.7 90.6 136.0



#19
Hexachloroethane
Concen: 30.035 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:117 Resp: 147259
Ion Ratio Lower Upper
117 100
201 118.7 83.7 125.5
199 76.9 52.3 78.5

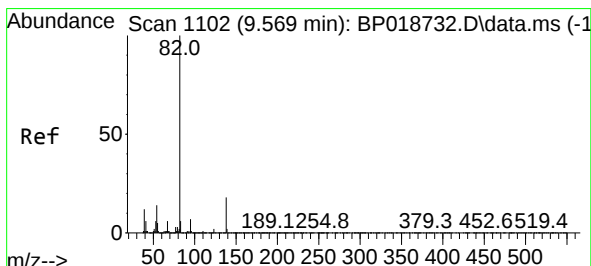
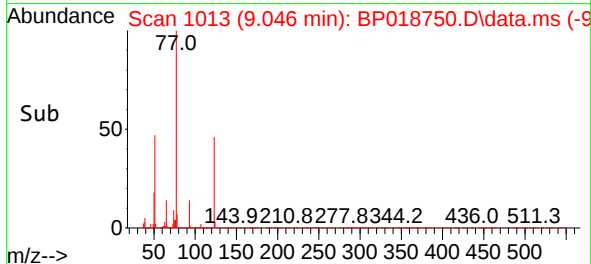
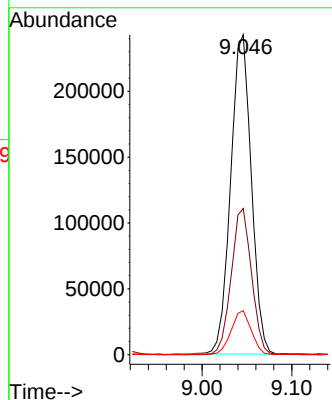
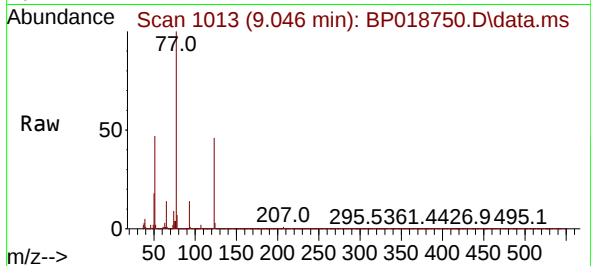




#22
Nitrobenzene
Concen: 31.251 ng/ul
RT: 9.046 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

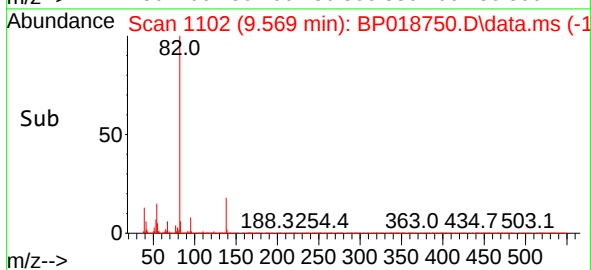
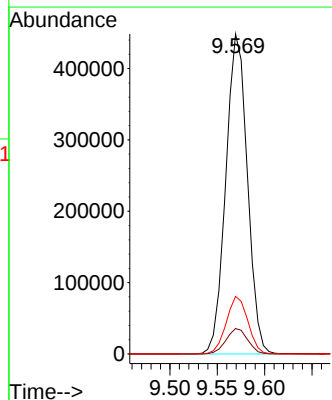
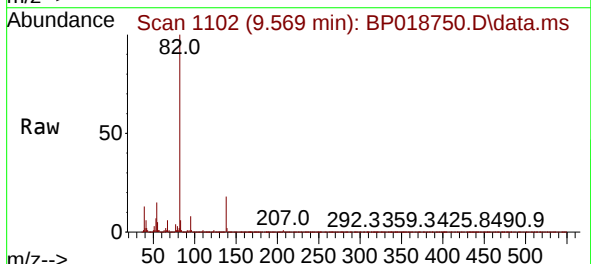
Instrument :
BNA_P
ClientSampleId :
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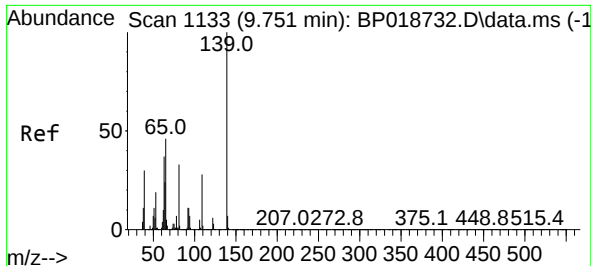
Tgt Ion: 77 Resp: 387686
Ion Ratio Lower Upper
77 100
123 45.7 35.8 53.8
65 13.8 10.5 15.7



#23
Isophorone
Concen: 28.119 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion: 82 Resp: 711237
Ion Ratio Lower Upper
82 100
95 7.9 5.5 8.3
138 18.0 13.5 20.3

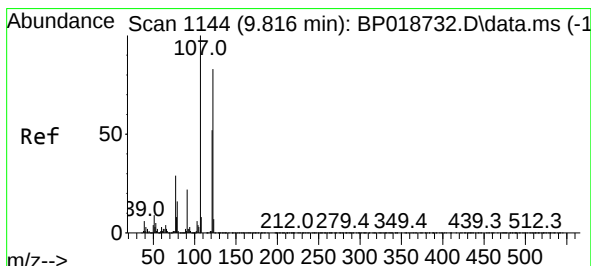
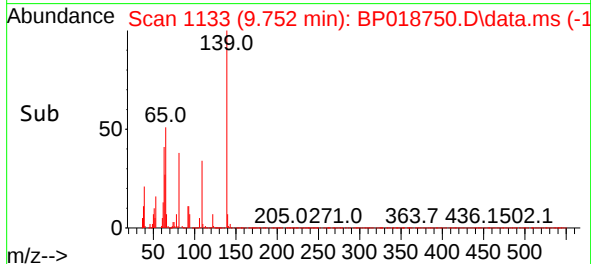
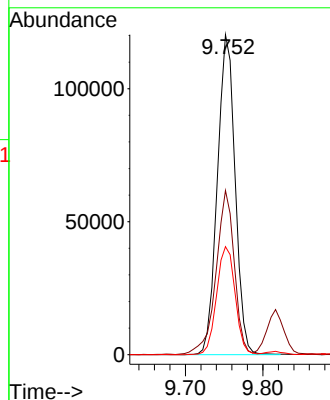
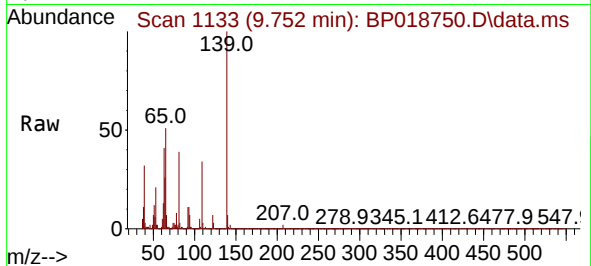




#25
2-Nitrophenol
Concen: 33.807 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

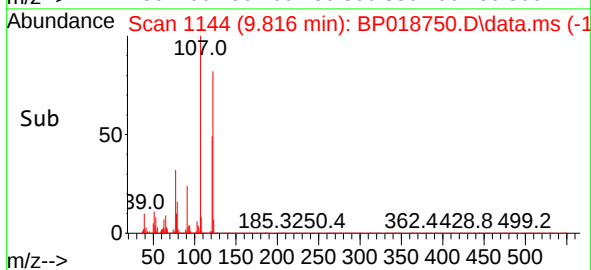
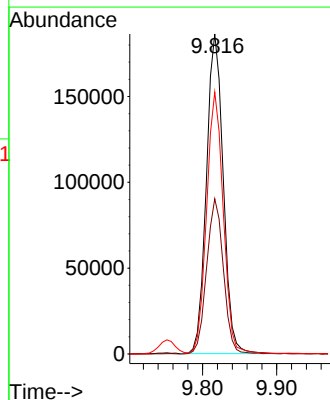
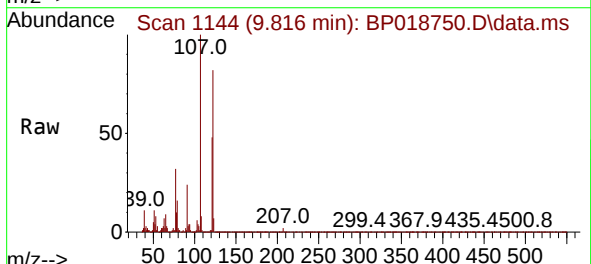
Instrument :
BNA_P
ClientSampleId :
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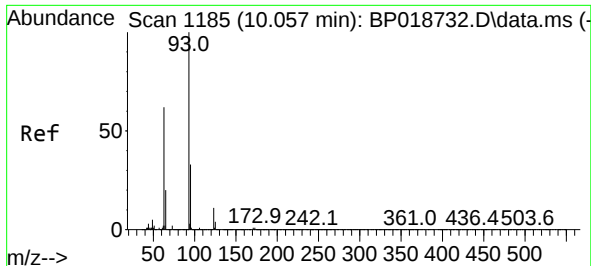
Tgt Ion:139 Resp: 191487
Ion Ratio Lower Upper
139 100
65 51.3 39.1 58.7
109 33.8 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 26.571 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:107 Resp: 294344
Ion Ratio Lower Upper
107 100
121 48.5 40.0 60.0
122 81.9 69.1 103.7

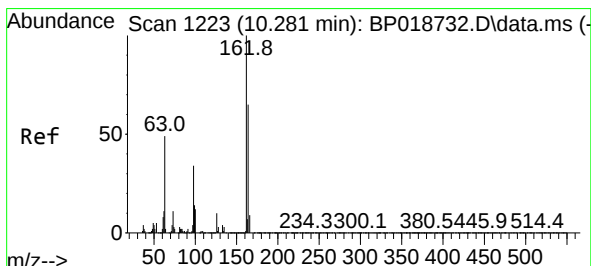
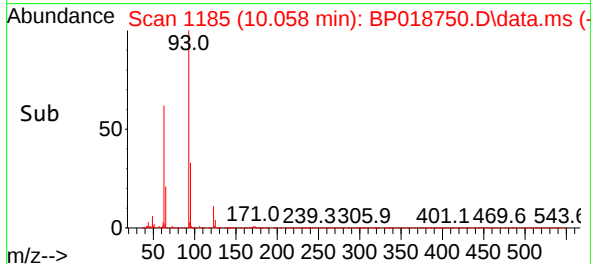
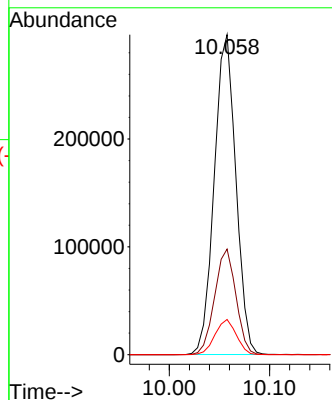
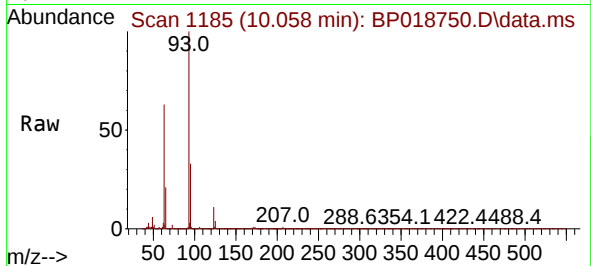




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.804 ng/ul
 RT: 10.058 min Scan# 1185
 Delta R.T. 0.000 min
 Lab File: BP018750.D
 Acq: 12 Dec 2023 04:27

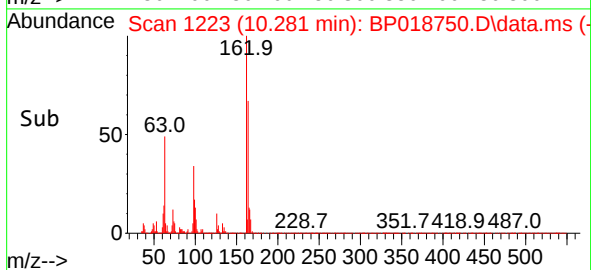
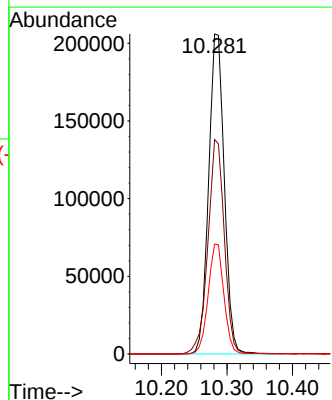
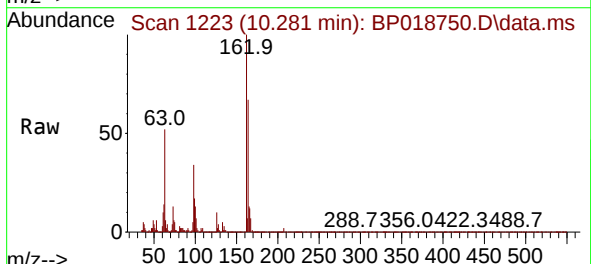
Instrument :
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 ClientSampleId :
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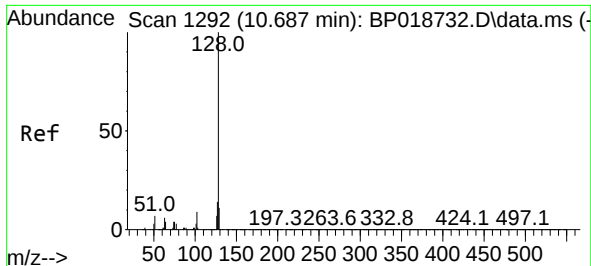
Tgt Ion: 93 Resp: 444002
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.1 39.1
 123 11.0 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 32.861 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BP018750.D
 Acq: 12 Dec 2023 04:27

Tgt Ion: 162 Resp: 342377
 Ion Ratio Lower Upper
 162 100
 164 67.0 51.7 77.5
 98 34.3 29.2 43.8

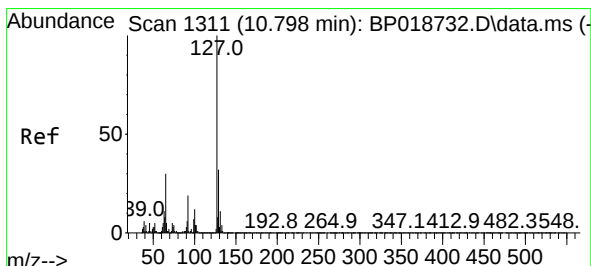
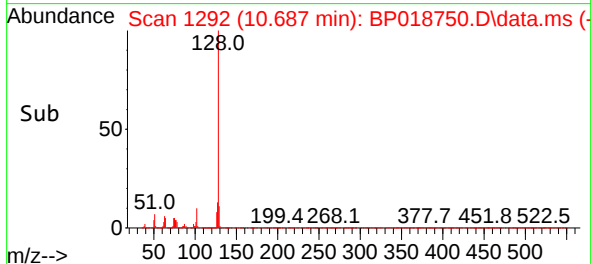
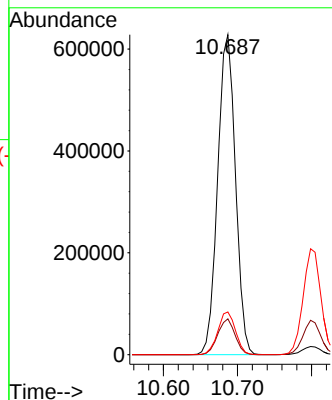
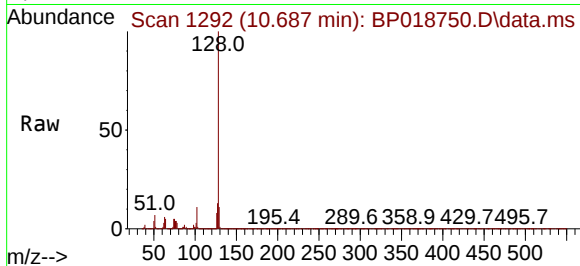




#30
Naphthalene
Concen: 30.083 ng/ul
RT: 10.687 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

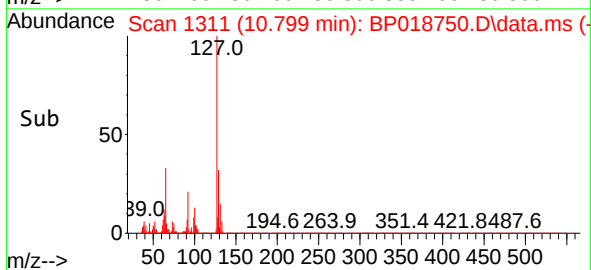
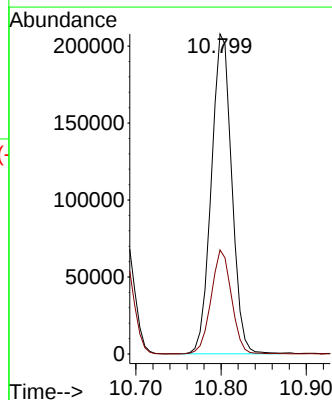
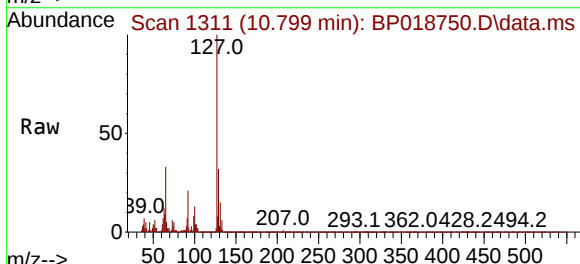
Instrument :
BNA_P
ClientSampleId :
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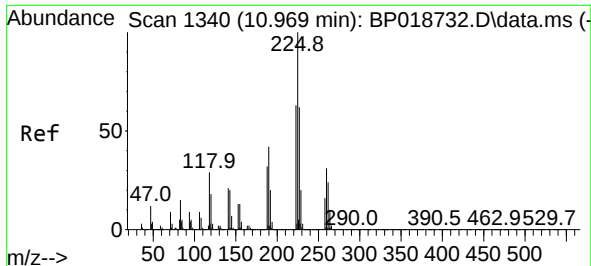
Tgt Ion:128 Resp: 1046205
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 25.722 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:127 Resp: 346561
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4

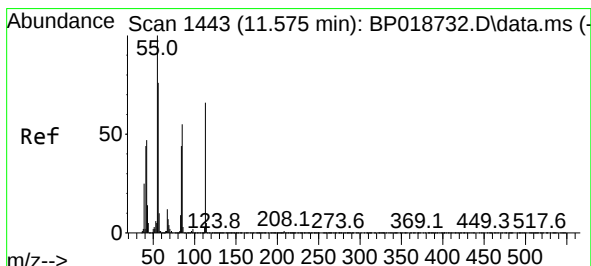
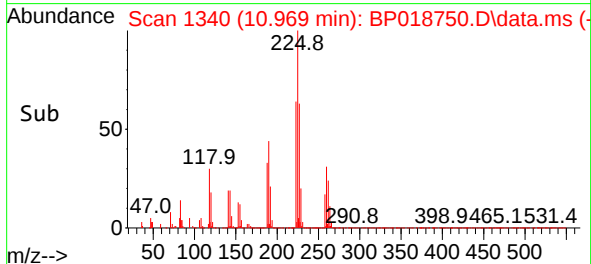
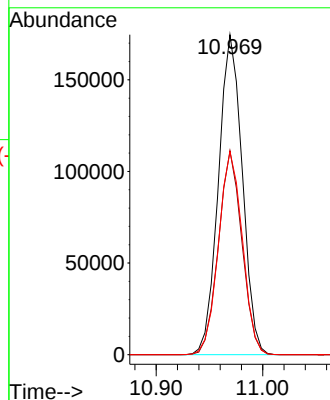
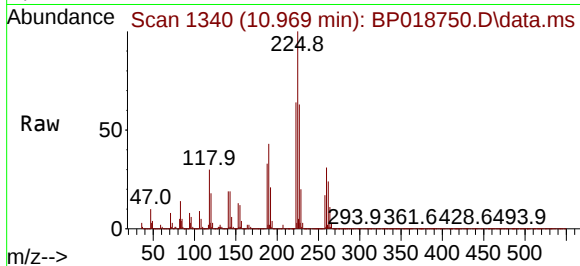




#33
Hexachlorobutadiene
Concen: 38.897 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

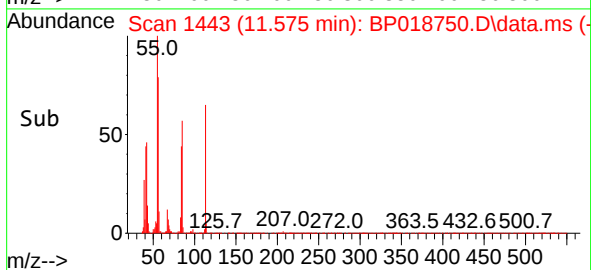
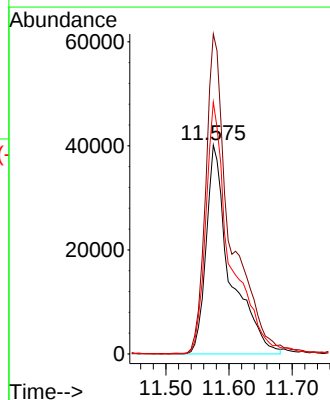
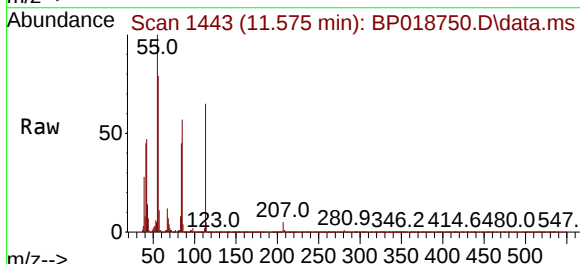
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BNA_P
ClientSampleId :
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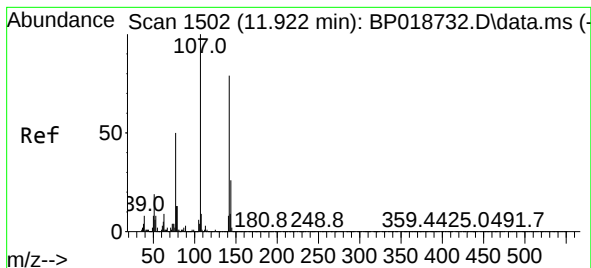
Tgt Ion:225 Resp: 271423
Ion Ratio Lower Upper
225 100
223 63.7 49.5 74.3
227 63.4 50.9 76.3



#34
Caprolactam
Concen: 33.152 ng/ul
RT: 11.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:113 Resp: 105914
Ion Ratio Lower Upper
113 100
55 153.1 133.7 200.5
56 120.5 97.4 146.2

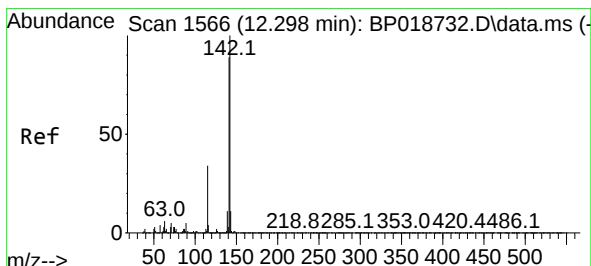
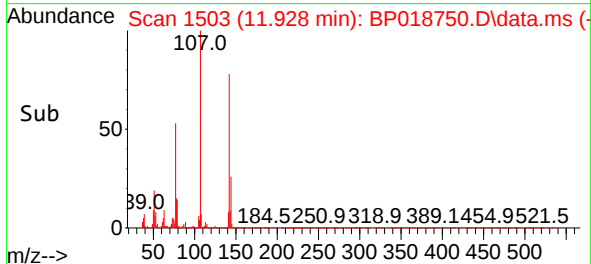
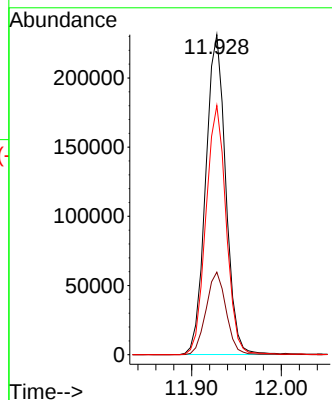
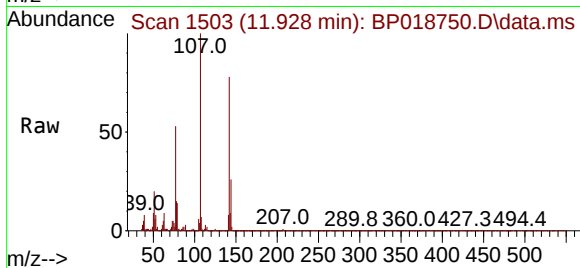




#35
4-Chloro-3-methylphenol
Concen: 30.733 ng/ul
RT: 11.928 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

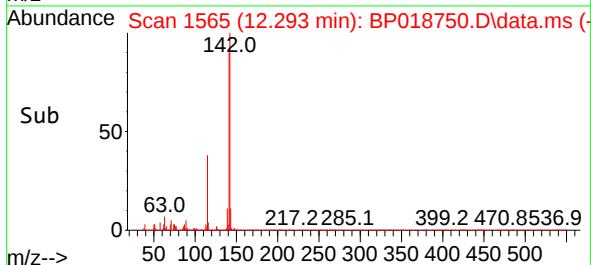
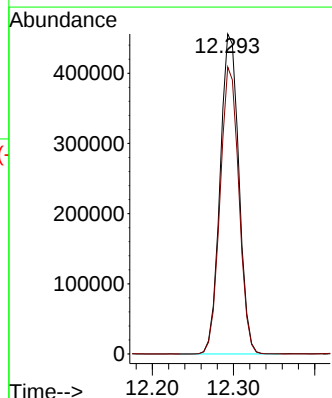
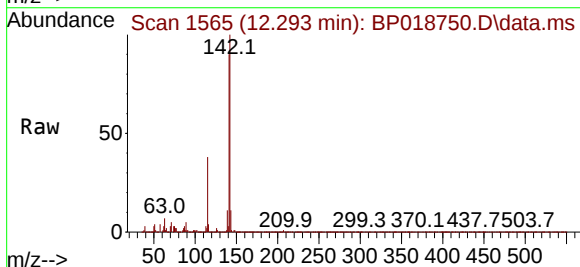
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ClientSampleId :
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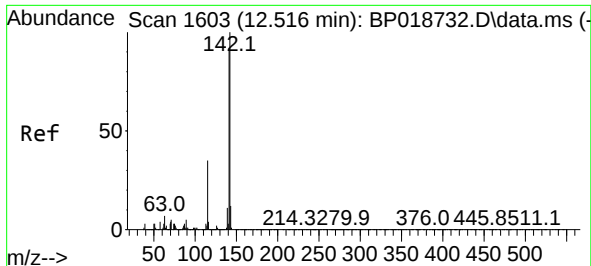
Tgt Ion:107 Resp: 358722
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 77.9 63.6 95.4



#36
2-Methylnaphthalene
Concen: 29.765 ng/ul
RT: 12.293 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:142 Resp: 733358
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0

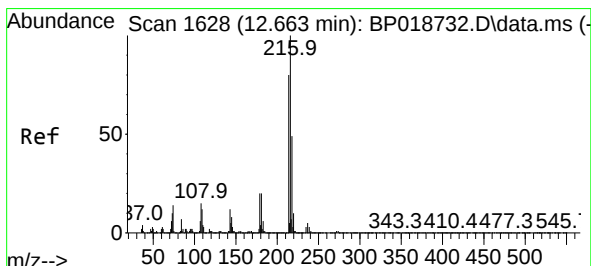
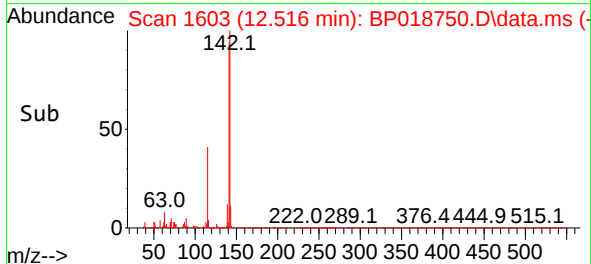
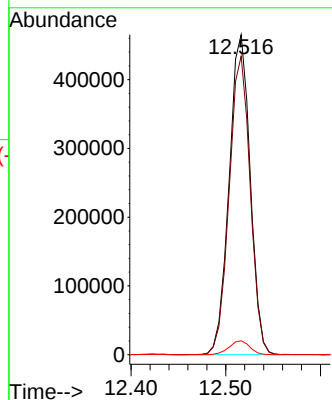
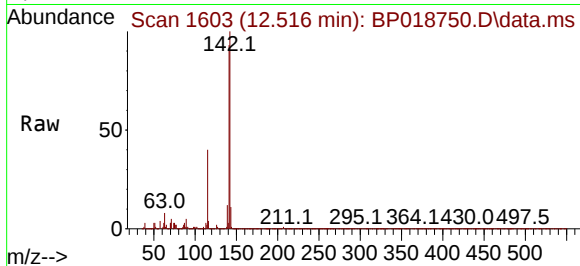




#37
1-Methylnaphthalene
Concen: 28.870 ng/ul
RT: 12.516 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

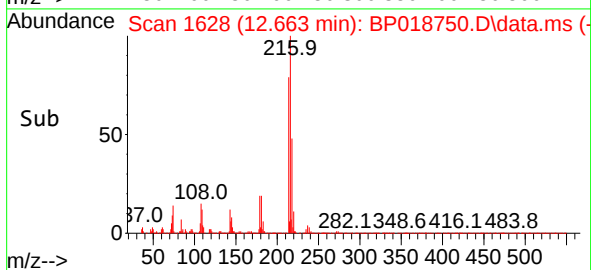
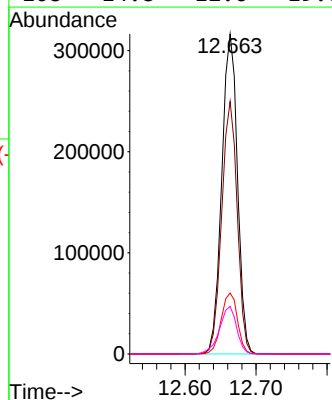
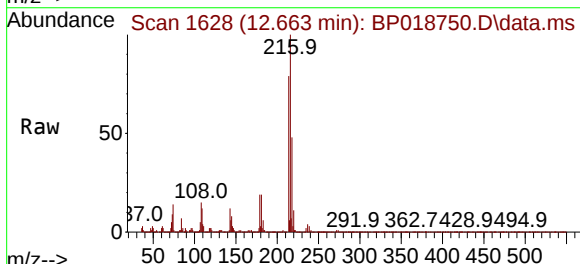
Instrument :
BNA_P
ClientSampleId :
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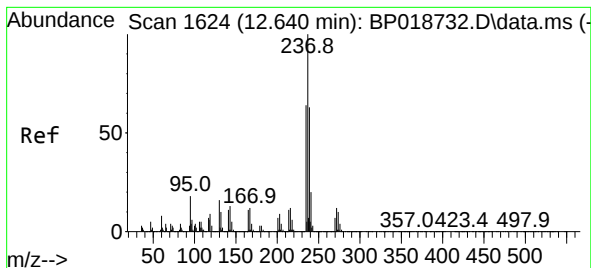
Tgt Ion:142 Resp: 718330
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3
116 4.3 2.8 4.2#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.954 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:216 Resp: 483388
Ion Ratio Lower Upper
216 100
214 78.9 63.9 95.9
179 19.0 16.3 24.5
108 14.8 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 31.018 ng/ul

RT: 12.640 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

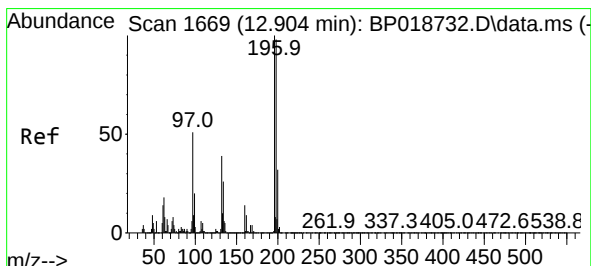
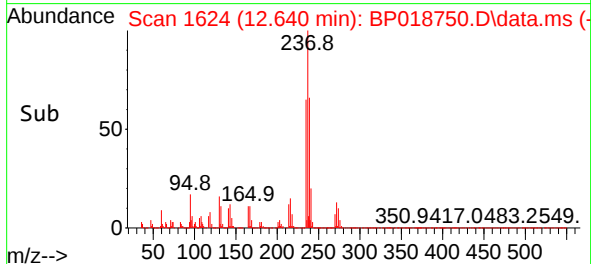
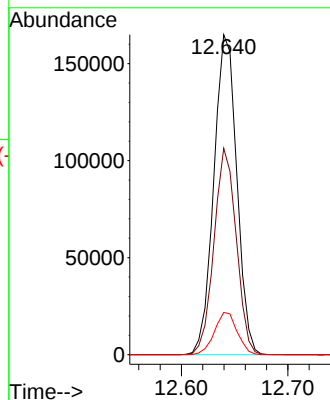
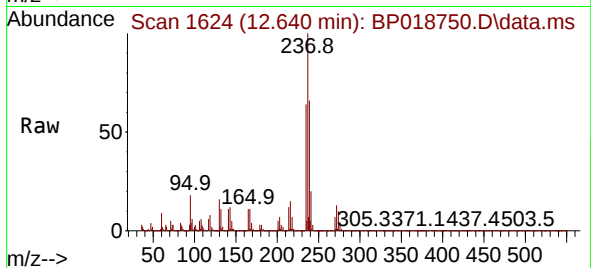
Tgt Ion:237 Resp: 247182

Ion Ratio Lower Upper

237 100

235 64.5 49.4 74.0

272 13.2 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 33.654 ng/ul

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

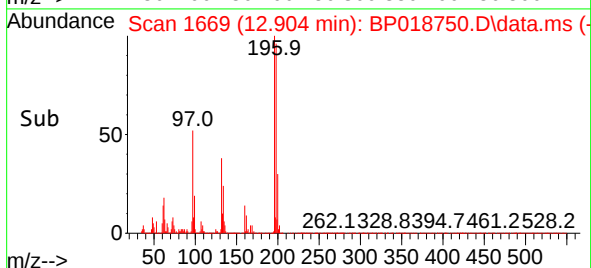
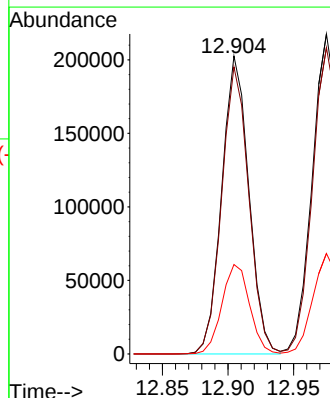
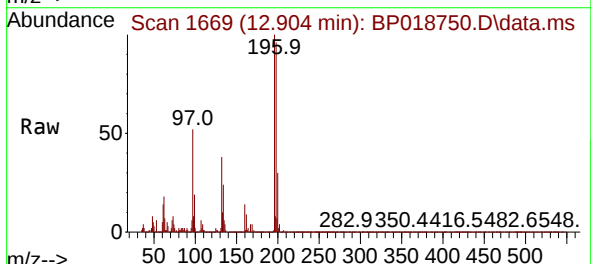
Tgt Ion:196 Resp: 291069

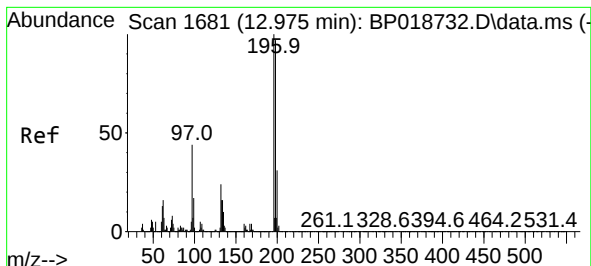
Ion Ratio Lower Upper

196 100

198 96.3 76.9 115.3

200 30.0 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 34.434 ng/ul

RT: 12.975 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

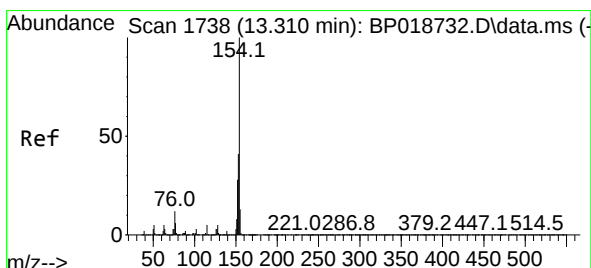
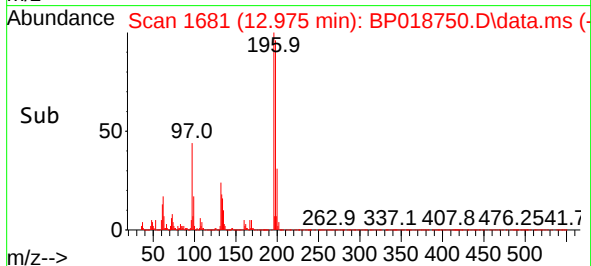
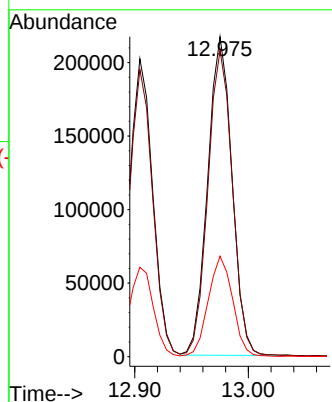
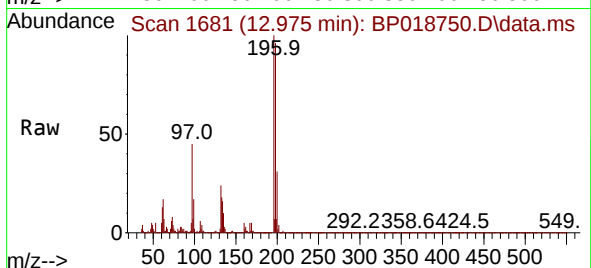
Tgt Ion:196 Resp: 322876

Ion Ratio Lower Upper

196 100

198 95.7 77.9 116.9

200 31.4 25.2 37.8



#43

1,1'-Biphenyl

Concen: 30.837 ng/ul

RT: 13.310 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

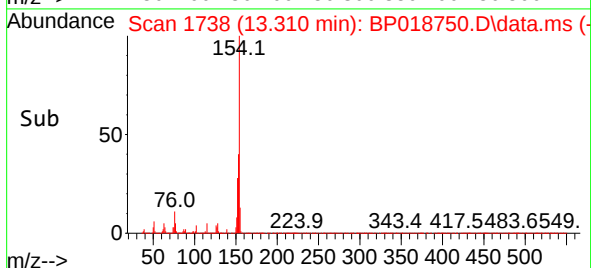
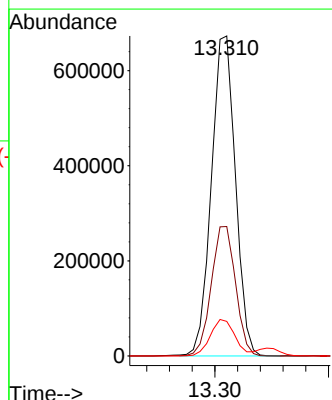
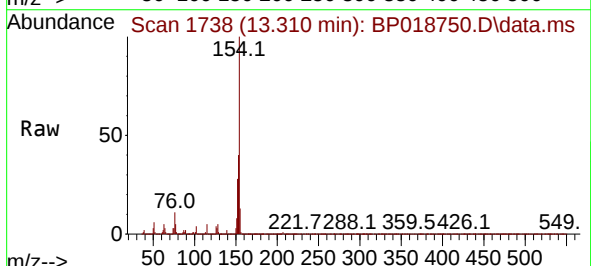
Tgt Ion:154 Resp: 988290

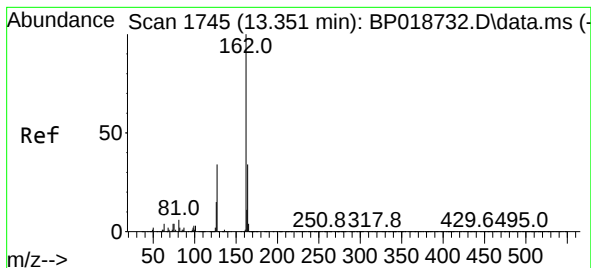
Ion Ratio Lower Upper

154 100

153 40.4 32.8 49.2

76 10.8 10.7 16.1





#44

2-Chloronaphthalene

Concen: 31.389 ng/ul

RT: 13.346 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

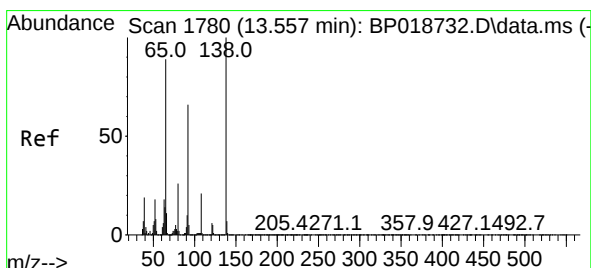
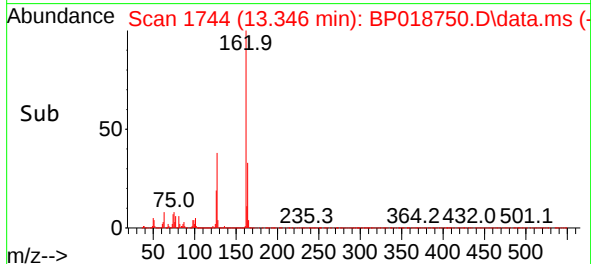
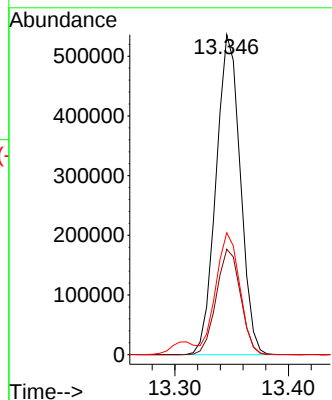
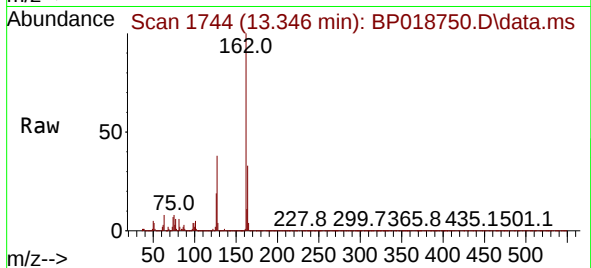
Tgt Ion:162 Resp: 794534

Ion Ratio Lower Upper

162 100

164 33.0 25.7 38.5

127 38.1 30.3 45.5



#45

2-Nitroaniline

Concen: 32.287 ng/ul

RT: 13.557 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

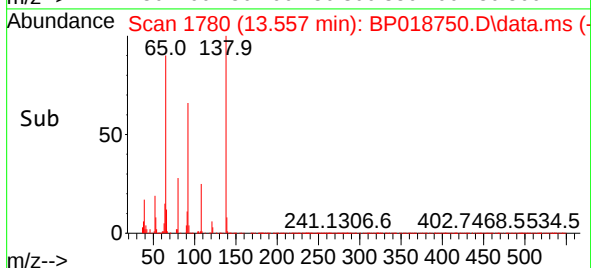
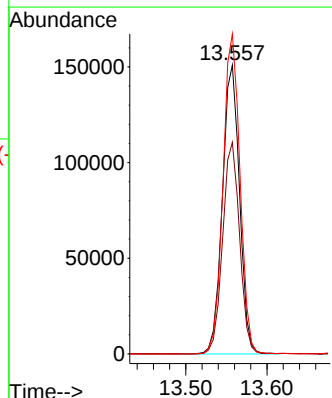
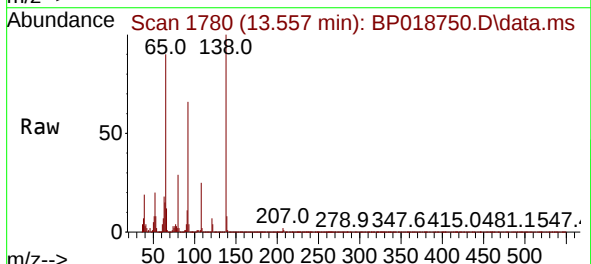
Tgt Ion: 65 Resp: 221555

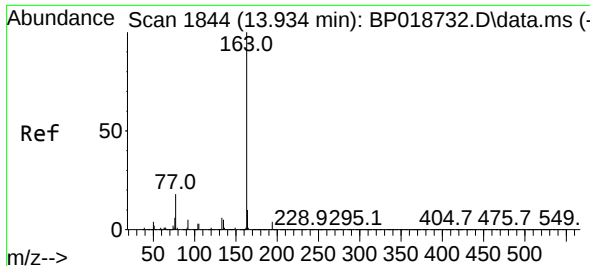
Ion Ratio Lower Upper

65 100

92 73.3 56.9 85.3

138 110.8 88.2 132.2

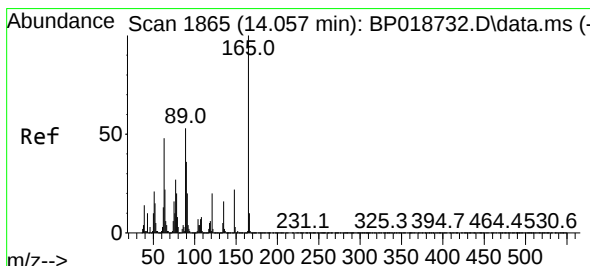
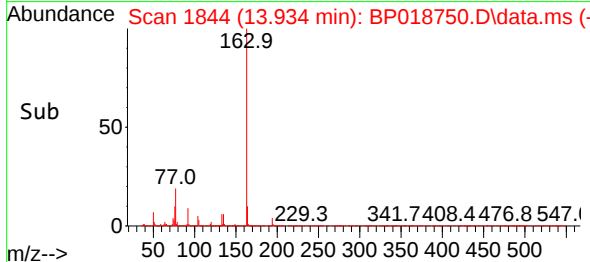
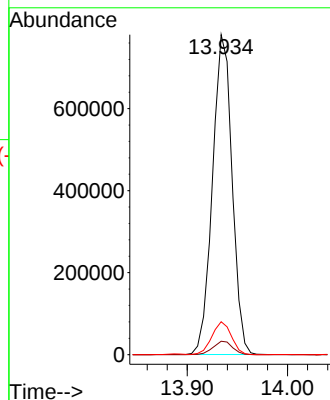
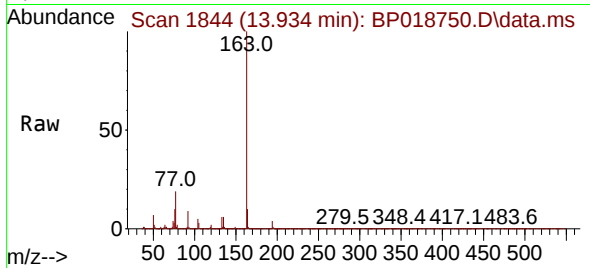




#47
Dimethylphthalate
Concen: 32.571 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

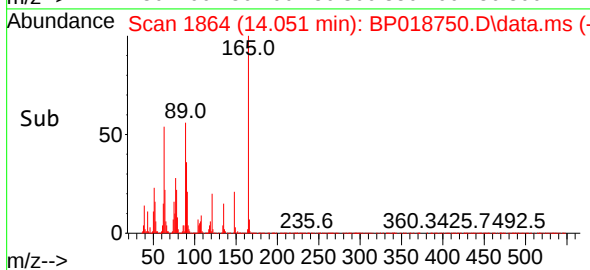
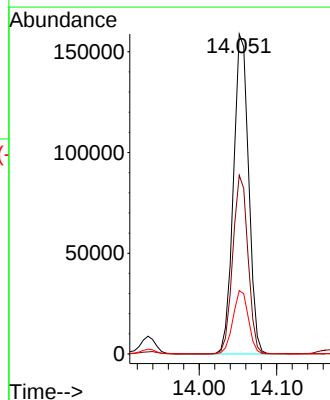
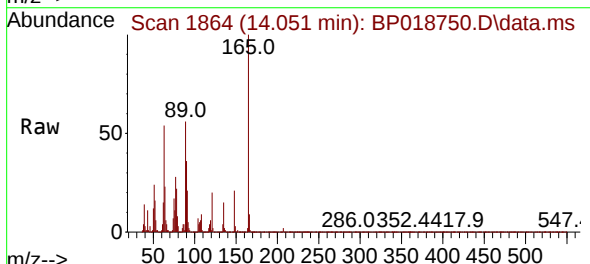
Instrument :
BNA_P
ClientSampleId :
SLCS521

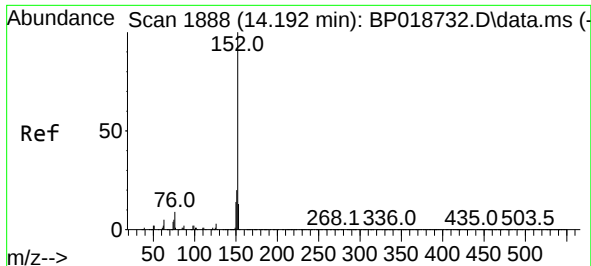
Tgt Ion:163 Resp: 1060371
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 35.270 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:165 Resp: 216941
Ion Ratio Lower Upper
165 100
89 55.9 46.6 70.0
121 19.8 17.3 25.9

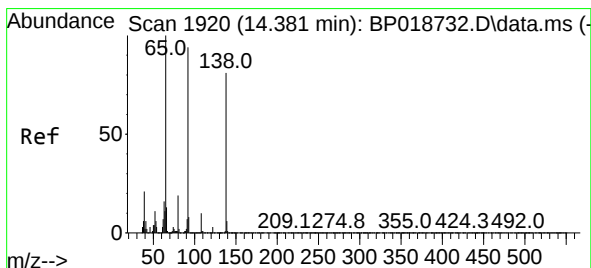
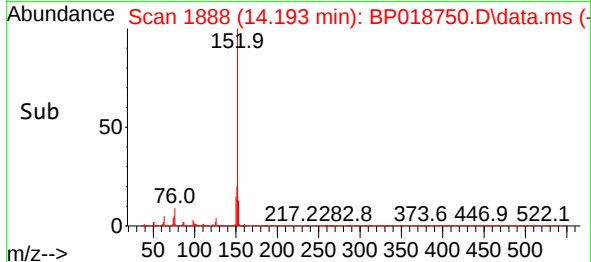
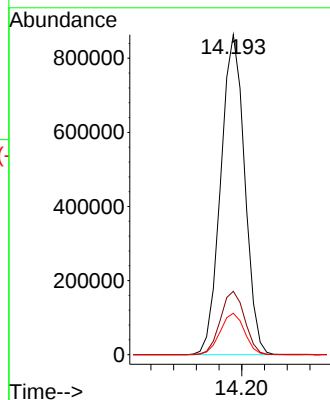
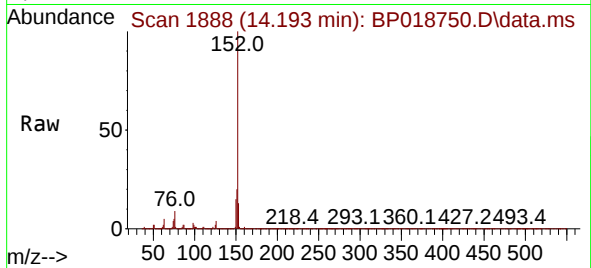




#50
Acenaphthylene
Concen: 30.863 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

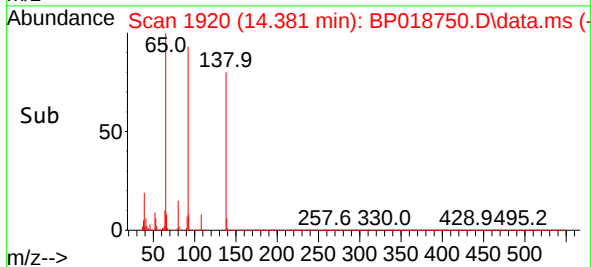
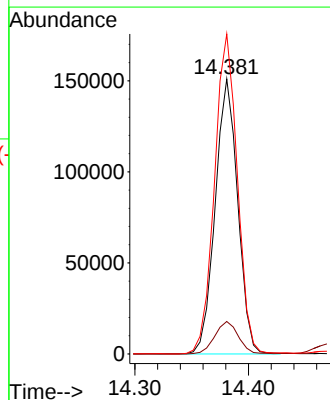
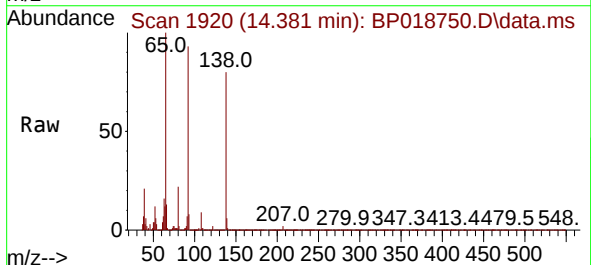
Instrument :
BNA_P
ClientSampleId :
SLCS521

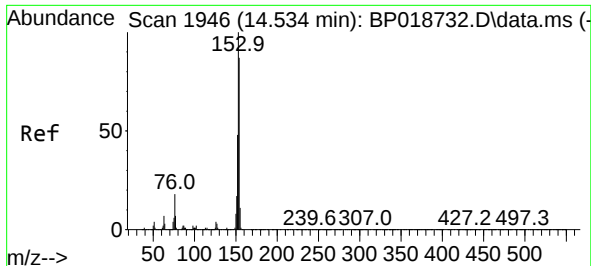
Tgt Ion:152 Resp: 1263706
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 33.869 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:138 Resp: 207955
Ion Ratio Lower Upper
138 100
108 11.8 9.5 14.3
92 116.4 93.1 139.7

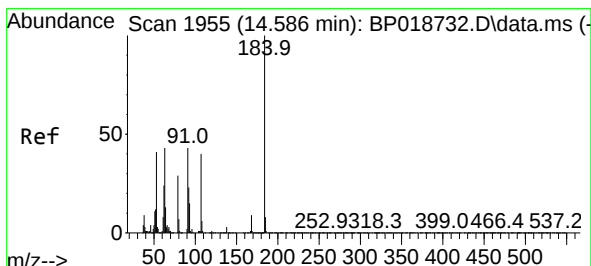
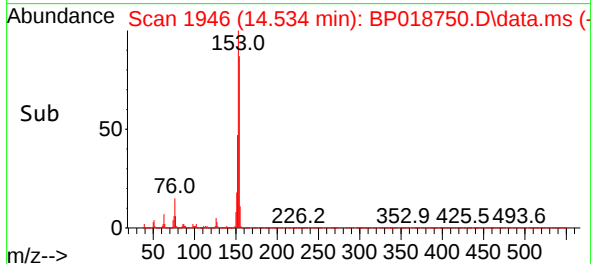
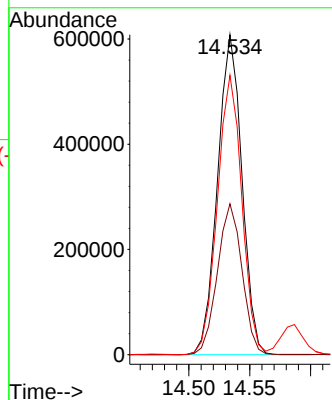
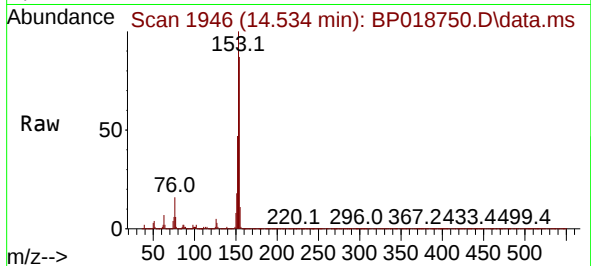




#52
Acenaphthene
Concen: 31.345 ng/ul
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

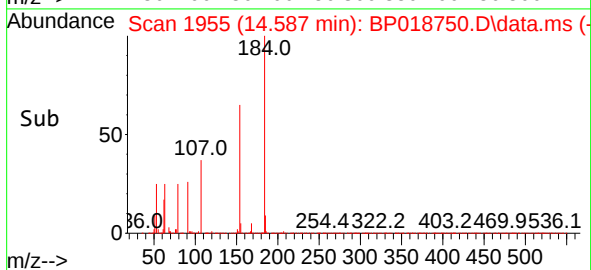
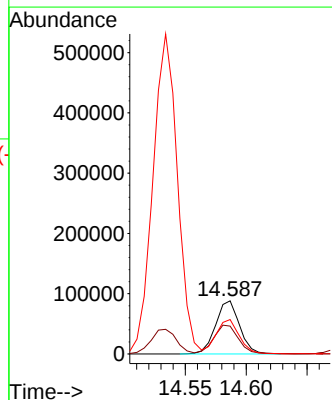
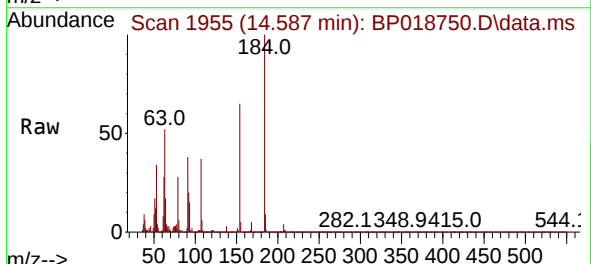
Instrument :
BNA_P
ClientSampleId :
SLCS521

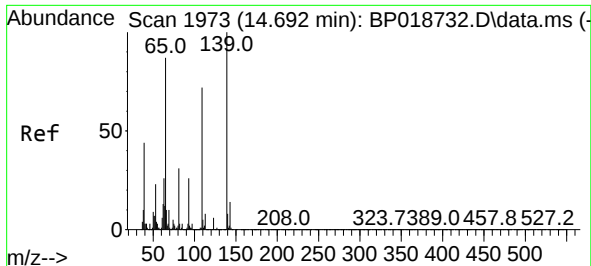
Tgt Ion:153 Resp: 848598
Ion Ratio Lower Upper
153 100
152 47.1 38.1 57.1
154 87.3 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 36.977 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:184 Resp: 120539
Ion Ratio Lower Upper
184 100
63 52.4 48.2 72.4
154 64.8 49.1 73.7

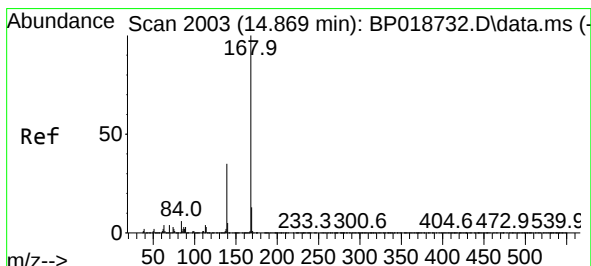
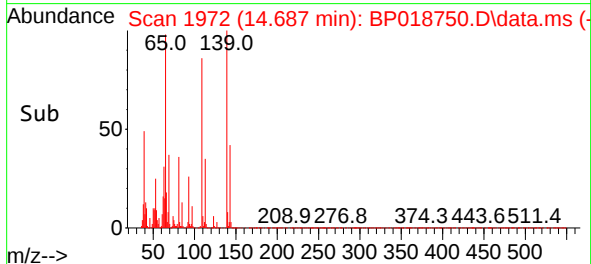
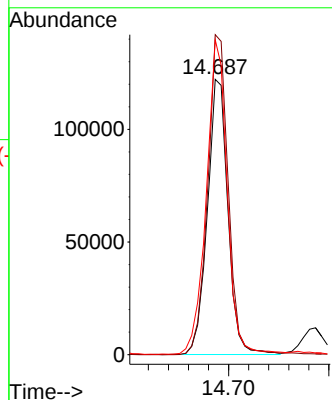
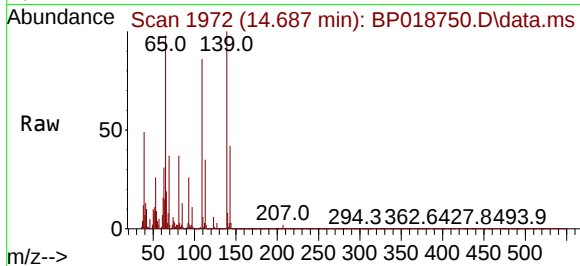




#55
4-Nitrophenol
Concen: 42.423 ng/ul
RT: 14.687 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

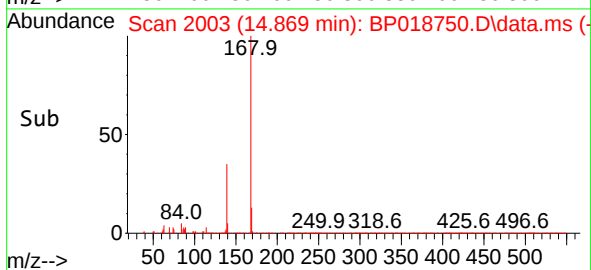
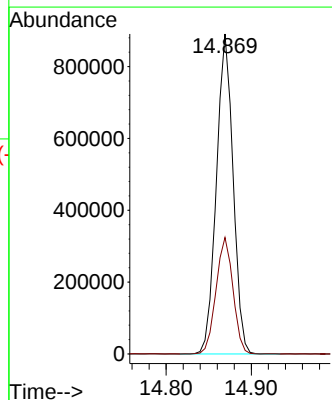
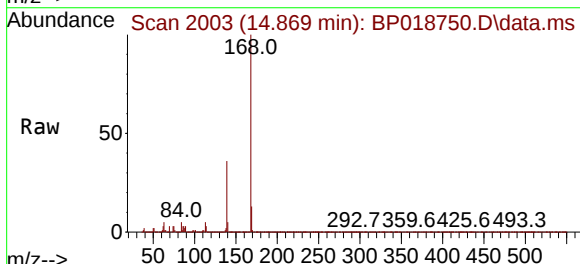
Instrument :
BNA_P
ClientSampleId :
SLCS521

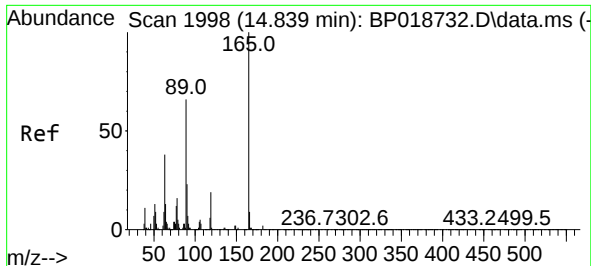
Tgt Ion:109 Resp: 174003
Ion Ratio Lower Upper
109 100
139 116.2 109.0 163.4
65 114.3 106.2 159.4



#56
Dibenzofuran
Concen: 32.167 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:168 Resp: 1210360
Ion Ratio Lower Upper
168 100
139 36.4 29.1 43.7

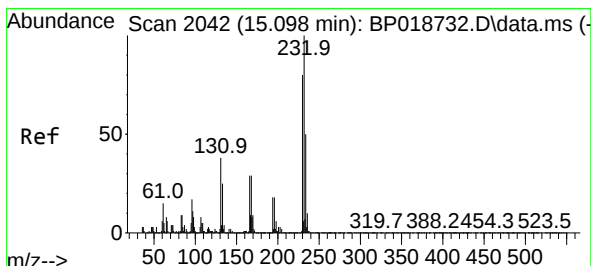
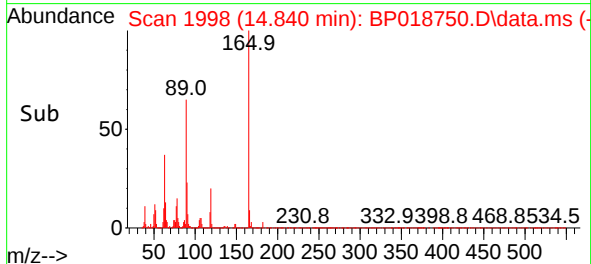
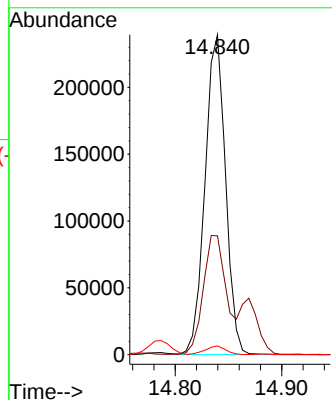
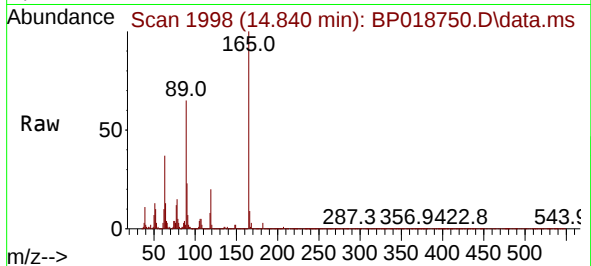




#57
2,4-Dinitrotoluene
Concen: 37.033 ng/ul
RT: 14.840 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

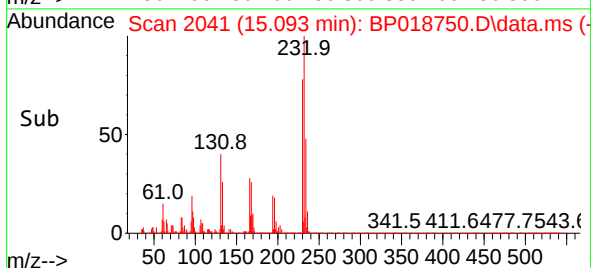
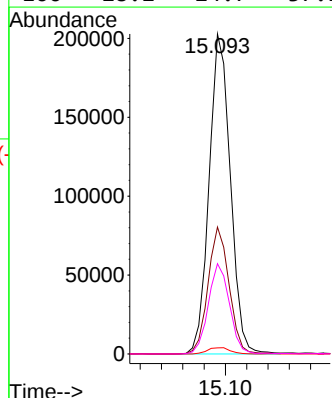
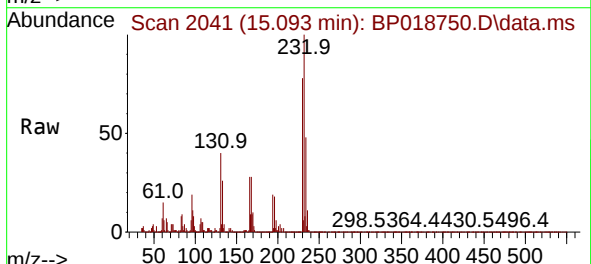
Instrument :
BNA_P
ClientSampleId :
SLCS521

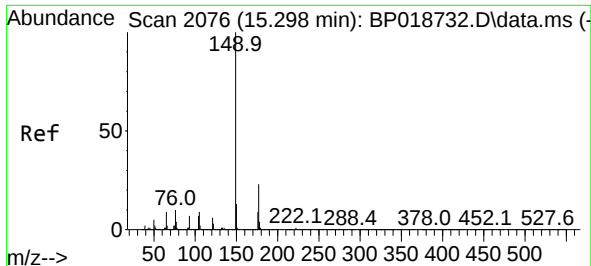
Tgt Ion:165 Resp: 320412
Ion Ratio Lower Upper
165 100
63 37.2 32.7 49.1
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.721 ng/ul
RT: 15.093 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:232 Resp: 280952
Ion Ratio Lower Upper
232 100
131 39.6 33.8 50.8
130 1.9 1.8 2.8
166 28.2 24.7 37.1

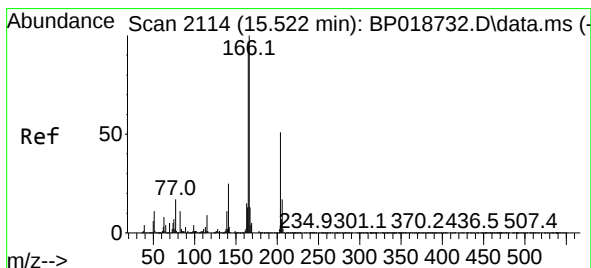
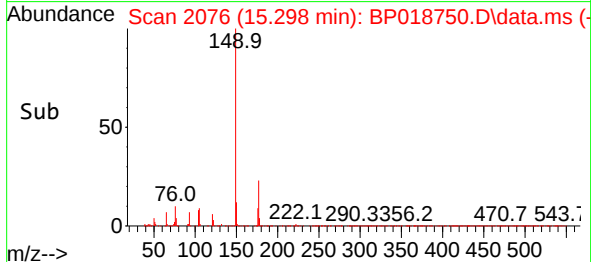
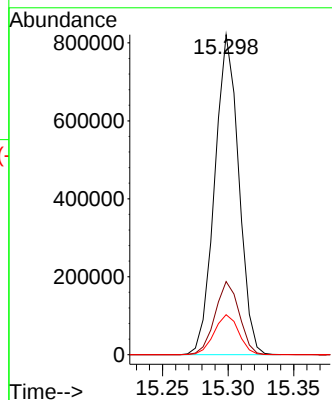
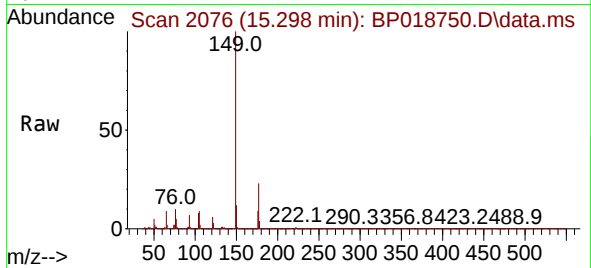




#59
Diethylphthalate
Concen: 32.805 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

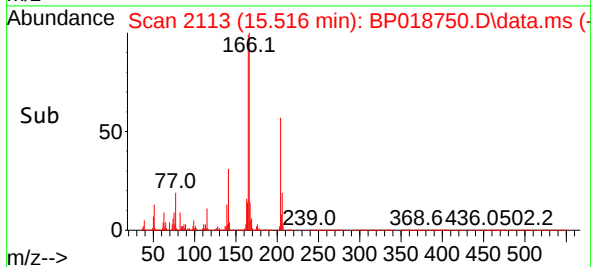
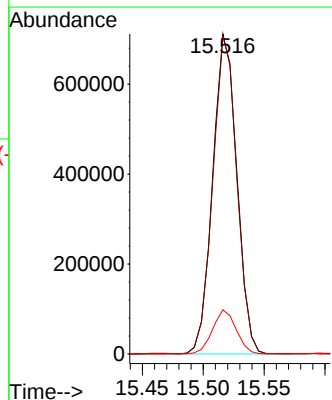
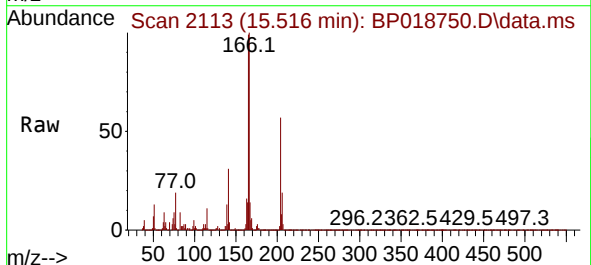
Instrument :
BNA_P
ClientSampleId :
SLCS521

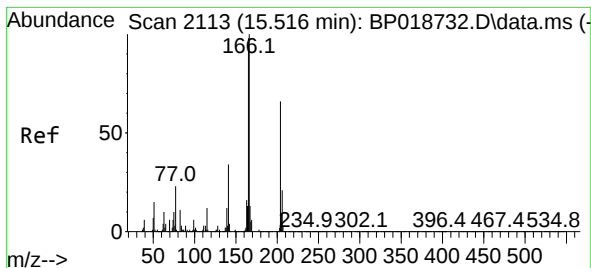
Tgt Ion:149 Resp: 1045082
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.5 9.9 14.9



#61
Fluorene
Concen: 32.987 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:166 Resp: 982147
Ion Ratio Lower Upper
166 100
165 99.2 78.0 117.0
167 13.8 10.8 16.2

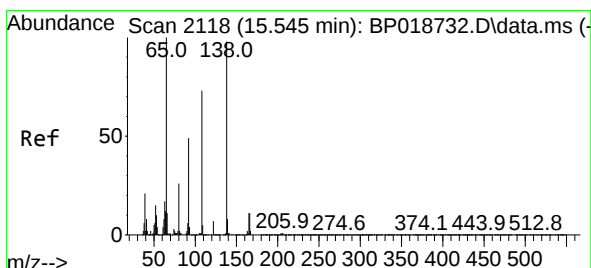
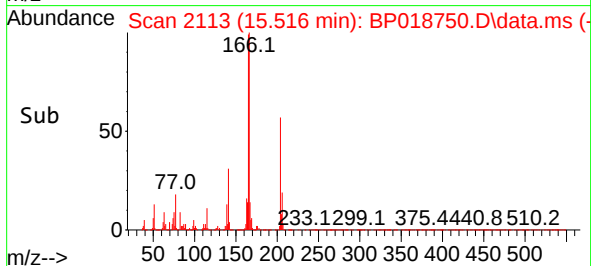
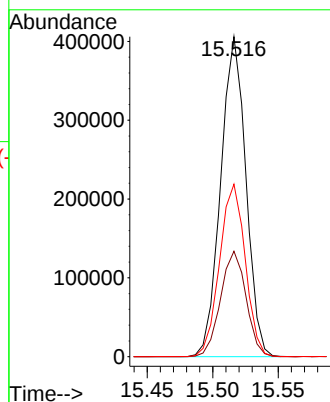
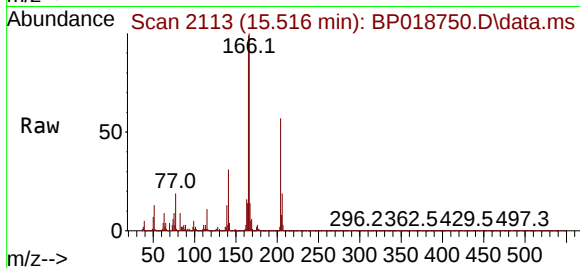




#62
4-Chlorophenyl-phenylether
Concen: 34.738 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

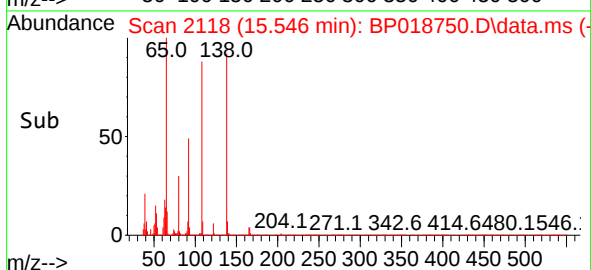
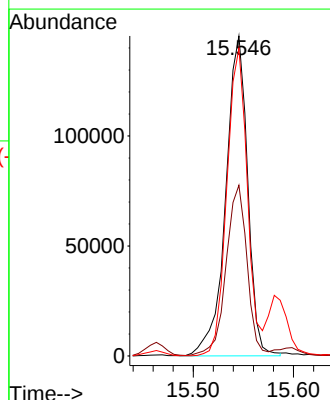
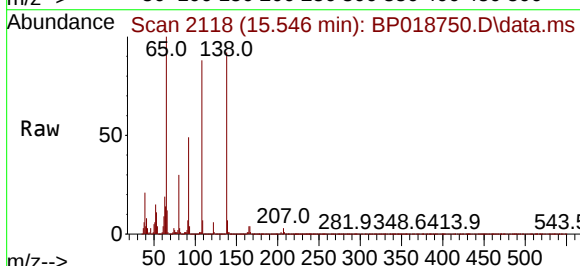
Instrument :
BNA_P
ClientSampleId :
SLCS521

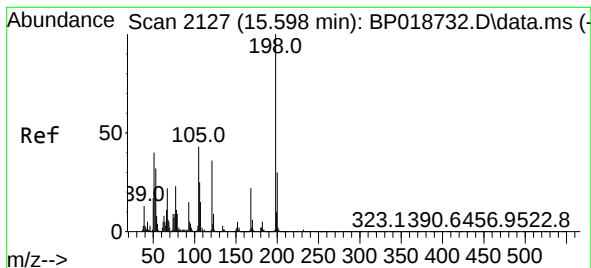
Tgt Ion:204 Resp: 542446
Ion Ratio Lower Upper
204 100
206 32.9 27.1 40.7
141 53.9 45.8 68.8



#63
4-Nitroaniline
Concen: 37.785 ng/ul
RT: 15.546 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:138 Resp: 221021
Ion Ratio Lower Upper
138 100
92 53.4 42.3 63.5
108 96.1 62.0 93.0#

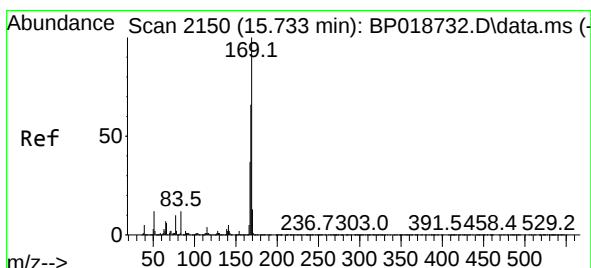
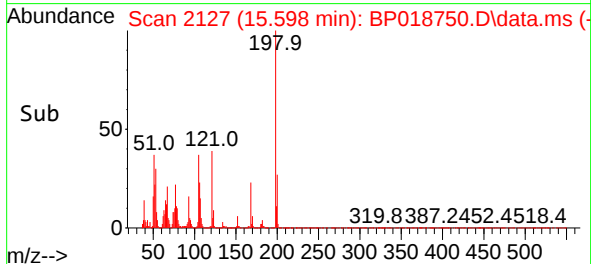
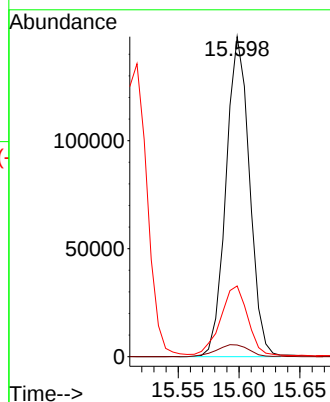
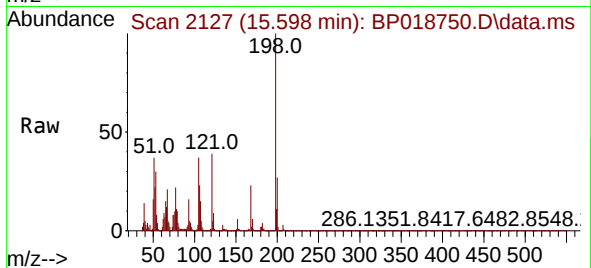




#66
4,6-Dinitro-2-methylphenol
Concen: 36.138 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

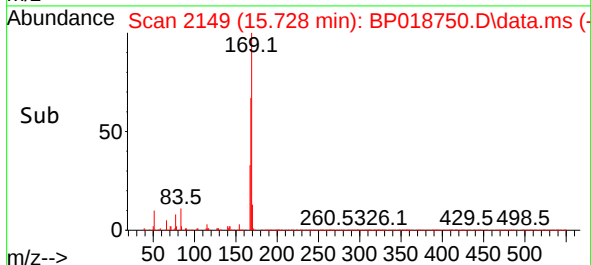
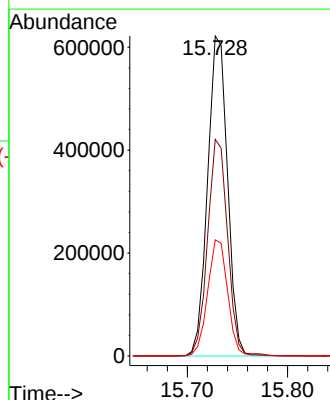
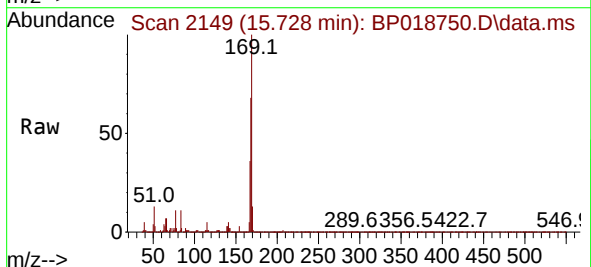
Instrument :
BNA_P
ClientSampleId :
SLCS521

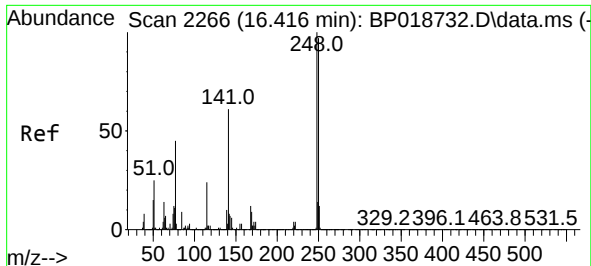
Tgt Ion:198 Resp: 198842
Ion Ratio Lower Upper
198 100
182 3.6 3.4 5.2
77 22.1 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 30.207 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:169 Resp: 859132
Ion Ratio Lower Upper
169 100
168 67.7 53.1 79.7
167 36.3 29.1 43.7

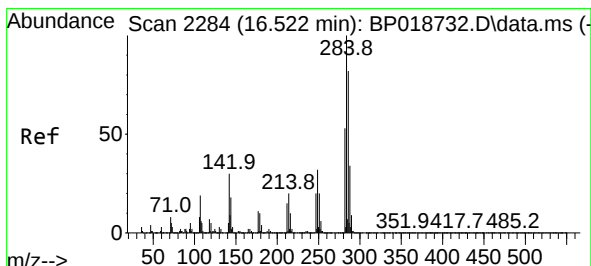
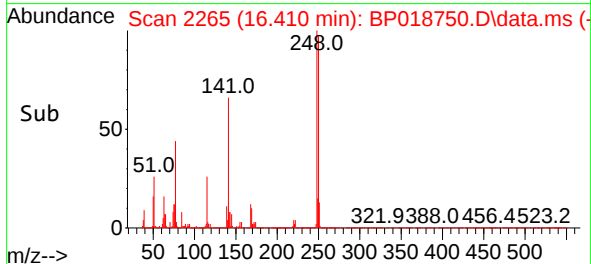
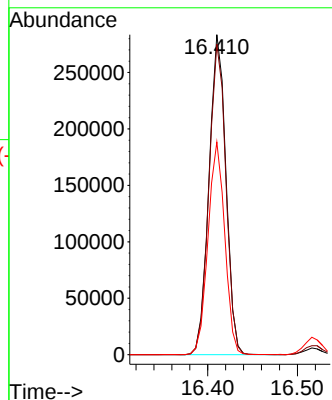
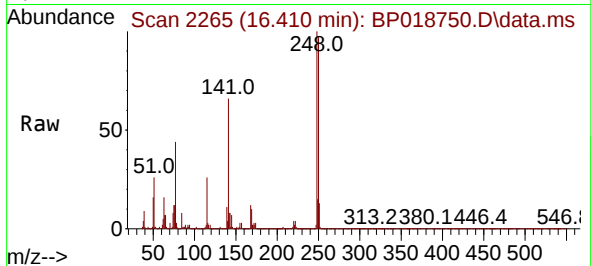




#68
4-Bromophenyl-phenylether
Concen: 34.329 ng/ul
RT: 16.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

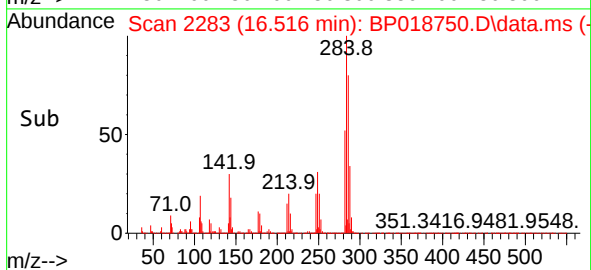
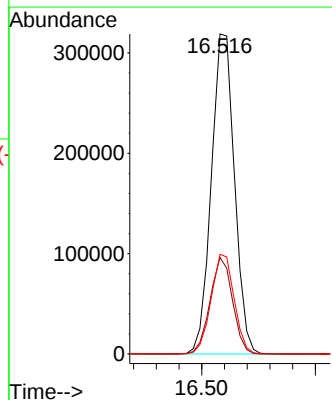
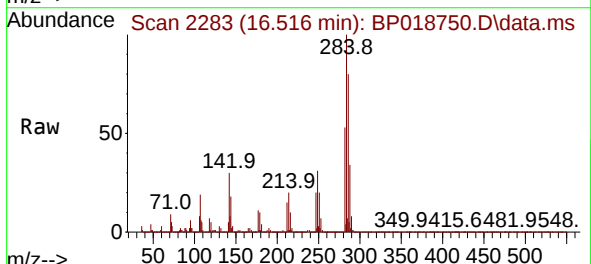
Instrument :
BNA_P
ClientSampleId :
SLCS521

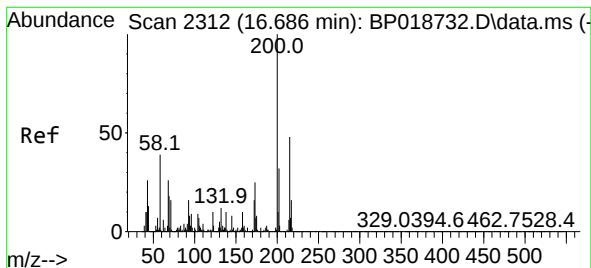
Tgt Ion:248 Resp: 371982
Ion Ratio Lower Upper
248 100
250 97.1 79.3 118.9
141 66.5 57.2 85.8



#69
Hexachlorobenzene
Concen: 37.271 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:284 Resp: 450904
Ion Ratio Lower Upper
284 100
142 30.1 25.8 38.6
249 31.2 24.9 37.3





#70

Atrazine

Concen: 27.223 ng/ul

RT: 16.687 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

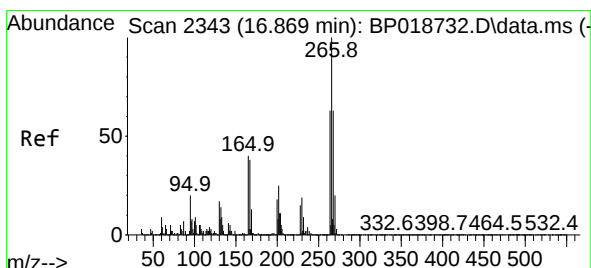
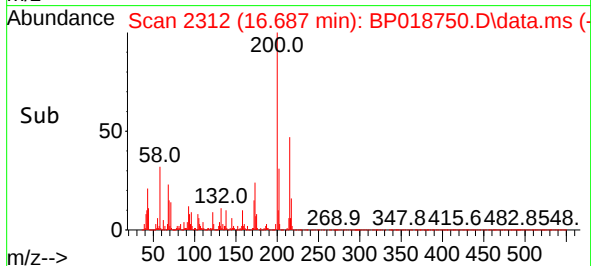
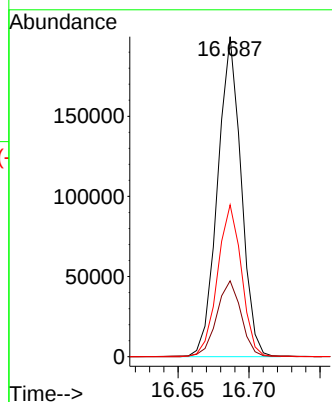
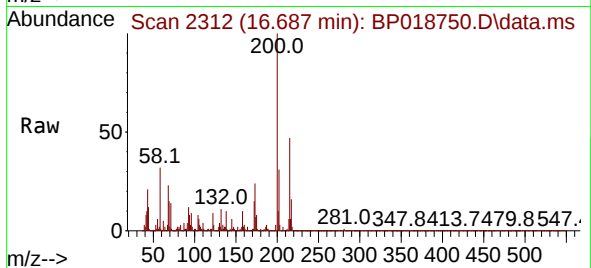
Tgt Ion:200 Resp: 230195

Ion Ratio Lower Upper

200 100

173 23.7 21.0 31.4

215 47.5 38.2 57.2



#71

Pentachlorophenol

Concen: 36.556 ng/ul

RT: 16.869 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

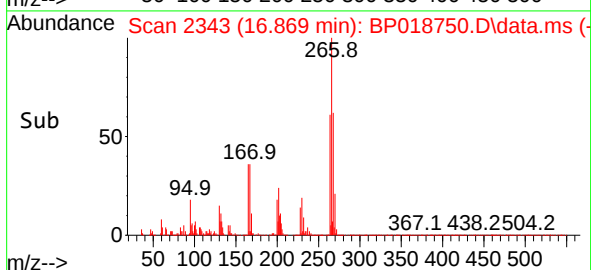
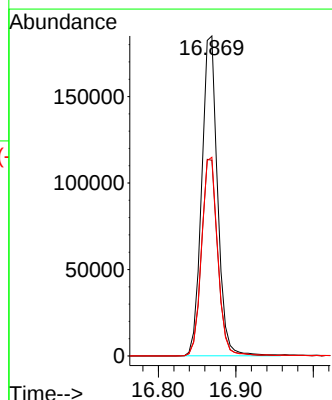
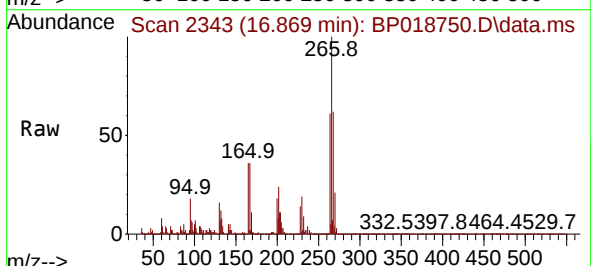
Tgt Ion:266 Resp: 263023

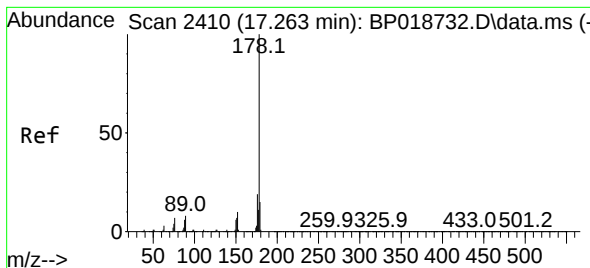
Ion Ratio Lower Upper

266 100

264 61.1 50.2 75.2

268 62.1 50.5 75.7





#72

Phenanthrene

Concen: 32.222 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

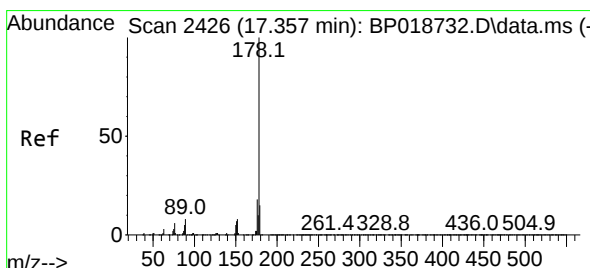
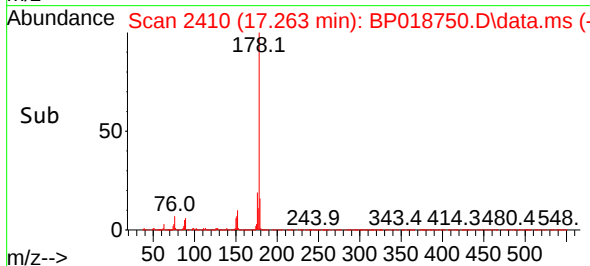
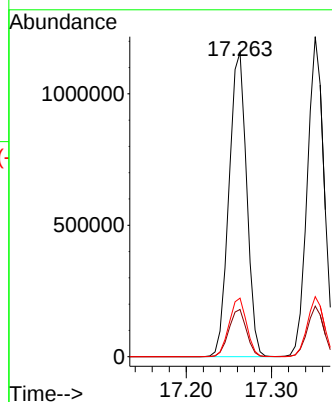
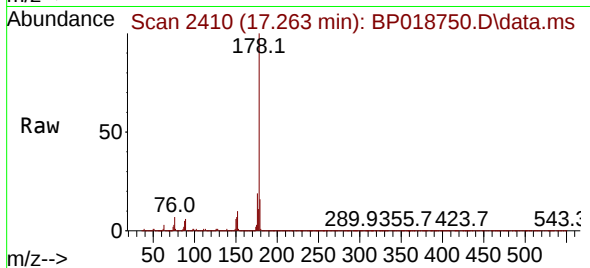
Tgt Ion:178 Resp: 1670326

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.2 15.4 23.2



#74

Anthracene

Concen: 31.853 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

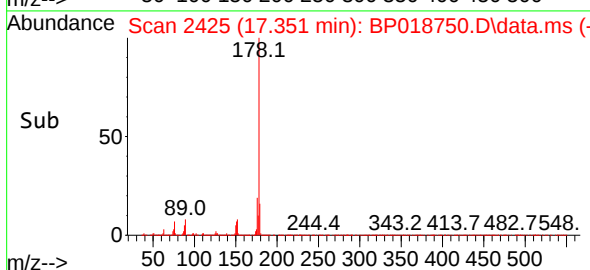
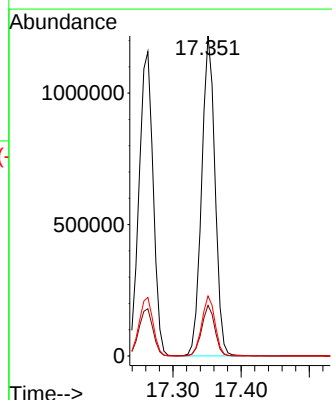
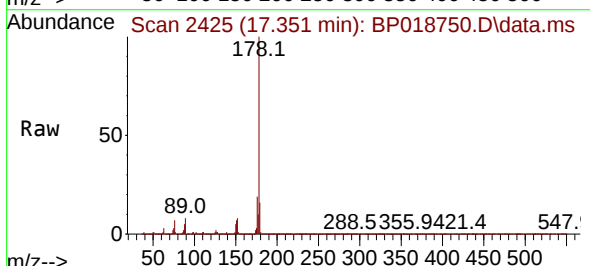
Tgt Ion:178 Resp: 1655121

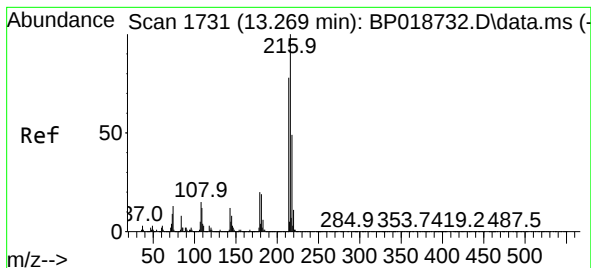
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 18.8 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.668 ng/uL

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

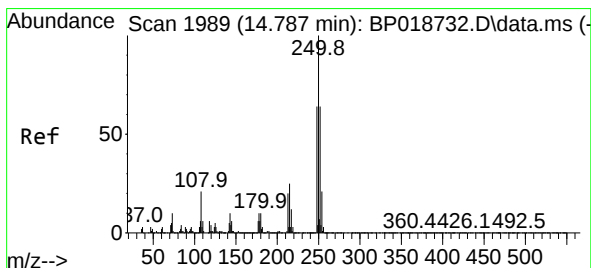
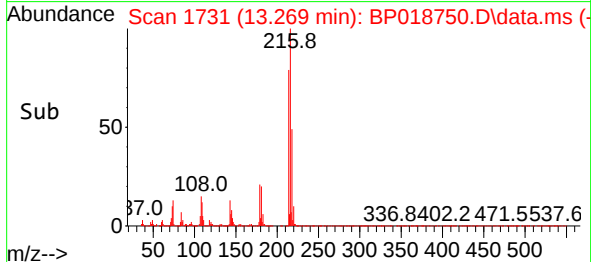
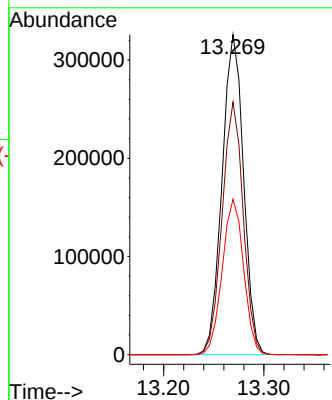
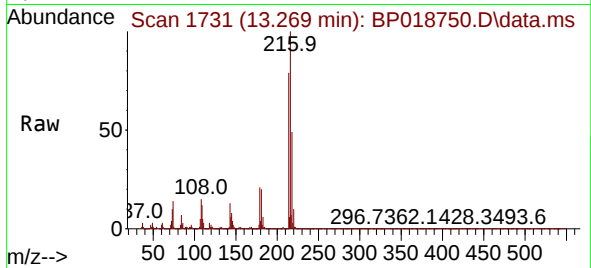
Tgt Ion:216 Resp: 484827

Ion Ratio Lower Upper

216 100

214 78.9 61.4 92.2

218 48.6 39.2 58.8



#76

Pentachlorobenzene

Concen: 33.935 ng/uL

RT: 14.787 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

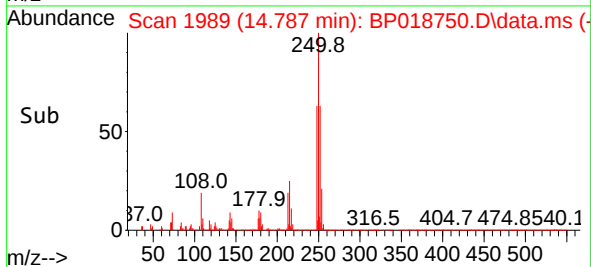
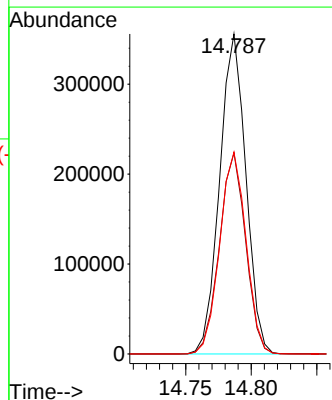
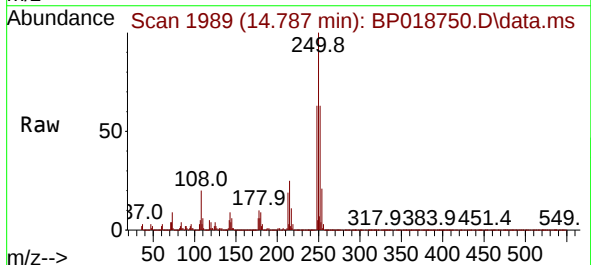
Tgt Ion:250 Resp: 494711

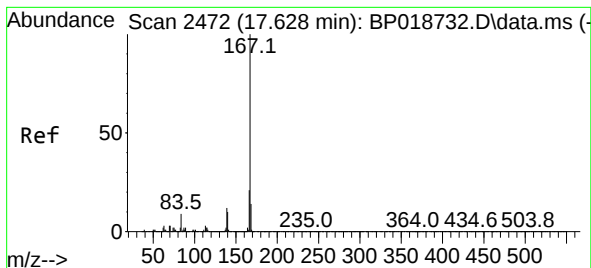
Ion Ratio Lower Upper

250 100

248 62.8 50.6 75.8

252 63.0 51.3 76.9





#77

Carbazole

Concen: 36.990 ng/ul

RT: 17.628 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

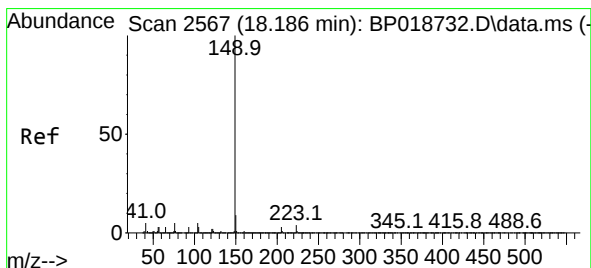
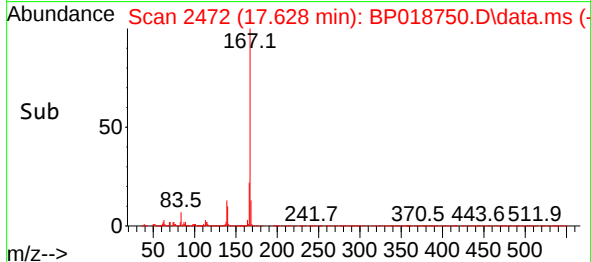
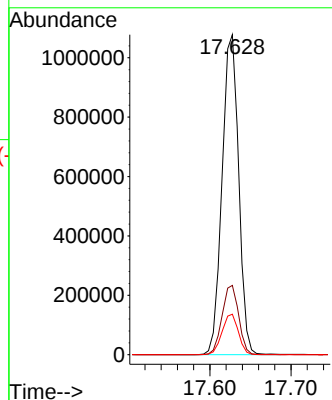
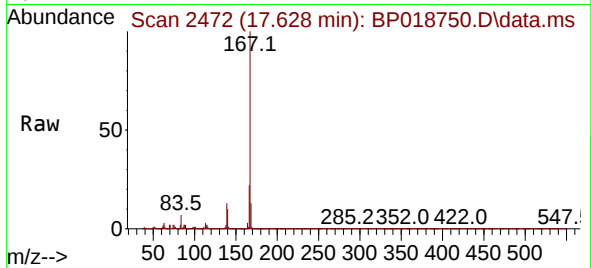
Tgt Ion:167 Resp: 1531860

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.7 10.2 15.4



#78

Di-n-butylphthalate

Concen: 33.222 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

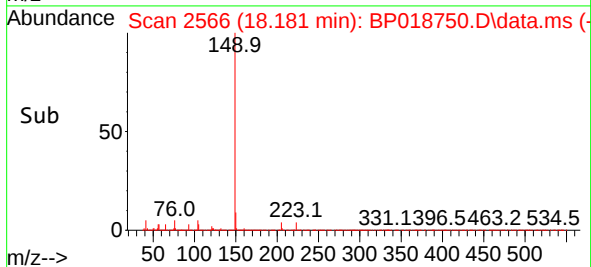
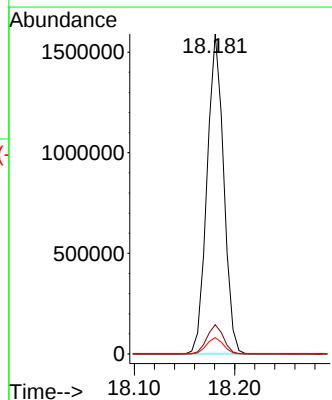
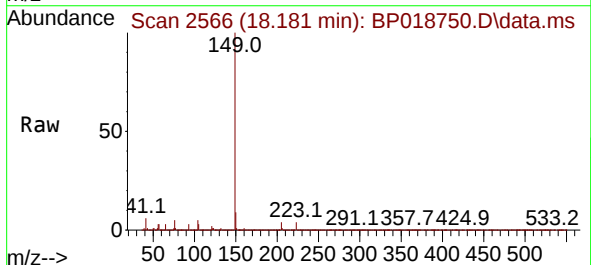
Tgt Ion:149 Resp: 1831962

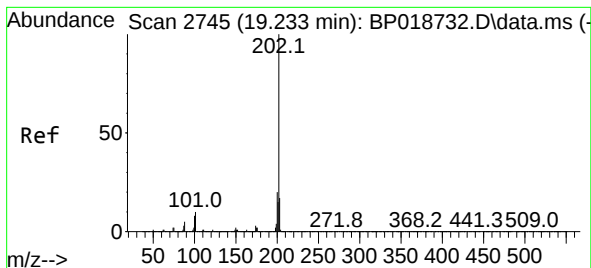
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.1 3.9 5.9





#80

Fluoranthene

Concen: 24.578 ng/ul

RT: 19.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

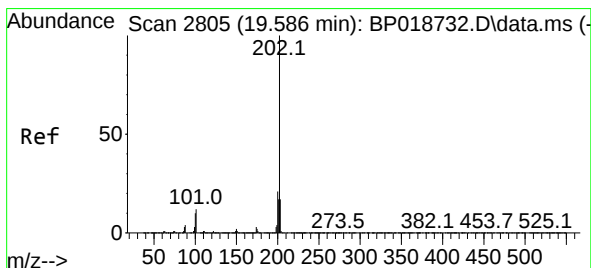
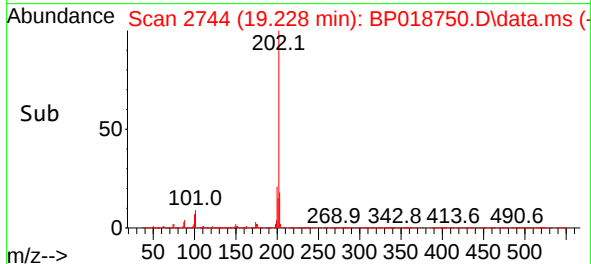
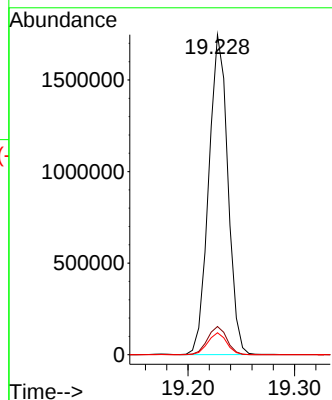
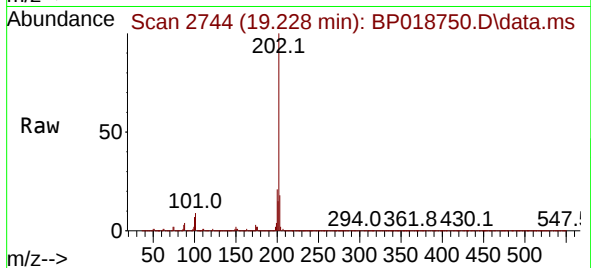
Tgt Ion:202 Resp: 2185086

Ion Ratio Lower Upper

202 100

101 8.8 9.1 13.7#

100 6.9 7.1 10.7#



#82

Pyrene

Concen: 25.027 ng/ul

RT: 19.581 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

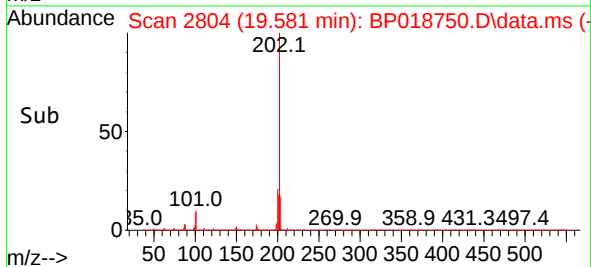
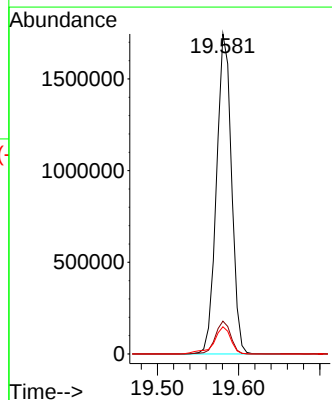
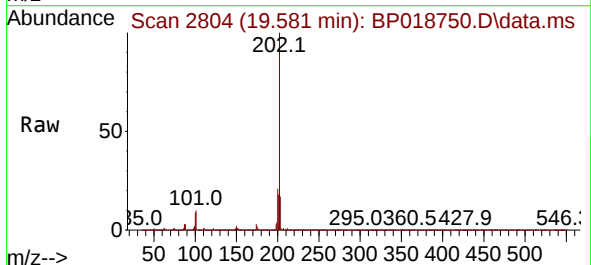
Tgt Ion:202 Resp: 2244609

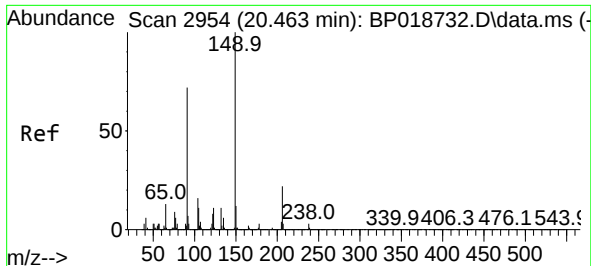
Ion Ratio Lower Upper

202 100

101 10.3 11.0 16.4#

100 8.5 9.1 13.7#

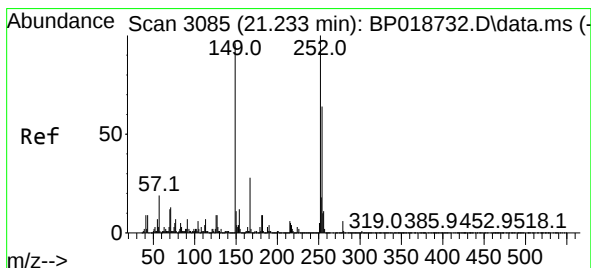
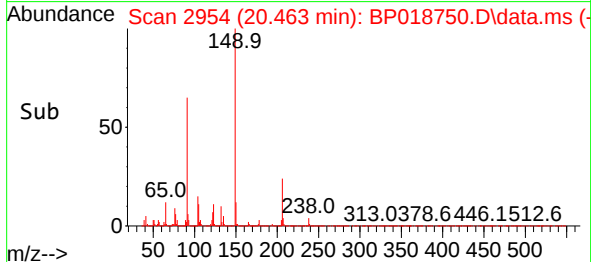
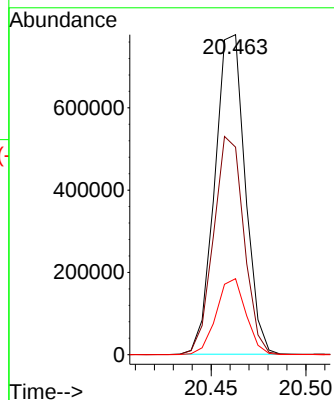
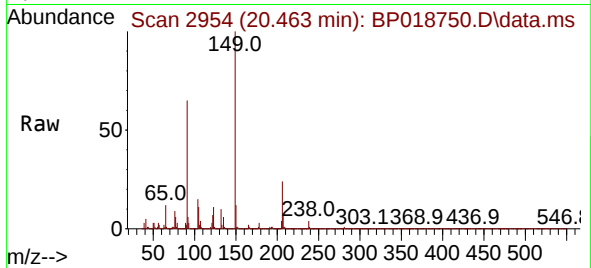




#83
Butylbenzylphthalate
Concen: 26.432 ng/ul
RT: 20.463 min Scan# 2954
Delta R.T. 0.000 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

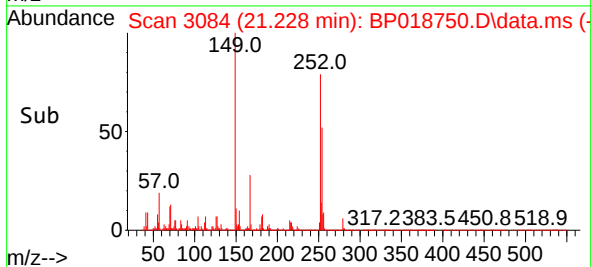
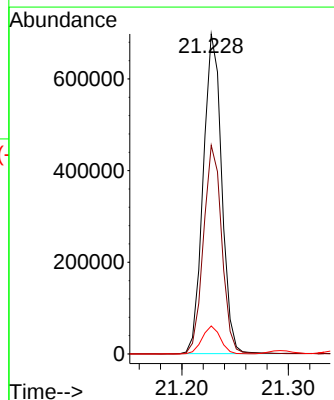
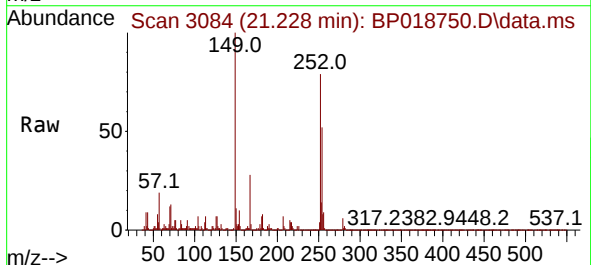
Instrument :
BNA_P
ClientSampleId :
SLCS521

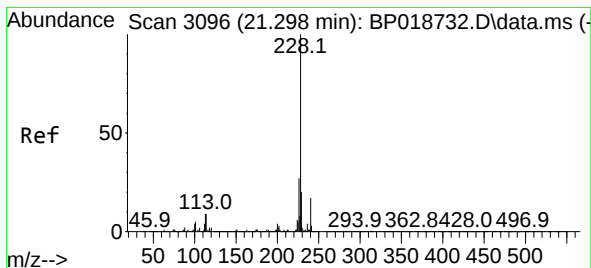
Tgt Ion:149 Resp: 867846
Ion Ratio Lower Upper
149 100
91 64.9 56.6 85.0
206 23.7 17.4 26.0



#84
3,3'-Dichlorobenzidine
Concen: 35.832 ng/ul
RT: 21.228 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP018750.D
Acq: 12 Dec 2023 04:27

Tgt Ion:252 Resp: 841331
Ion Ratio Lower Upper
252 100
254 65.2 51.0 76.4
126 8.8 7.8 11.6





#85

Benzo(a)anthracene

Concen: 32.340 ng/ul

RT: 21.292 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

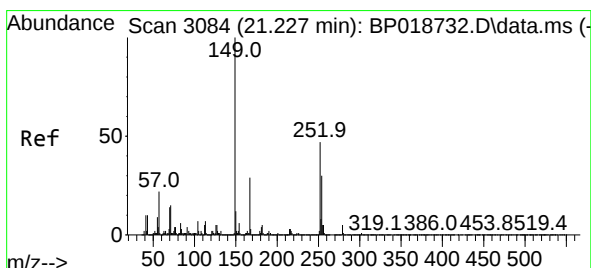
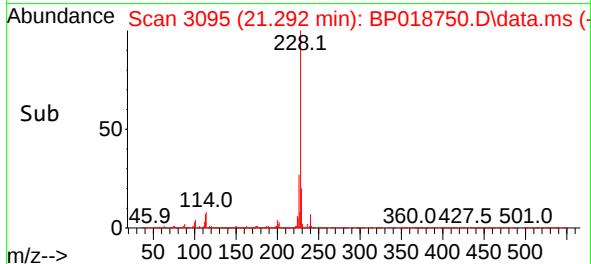
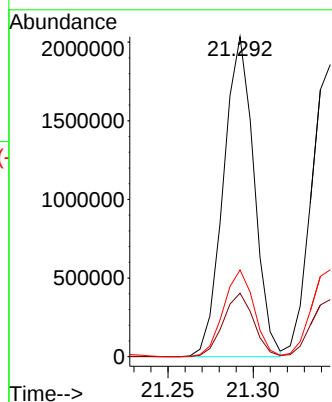
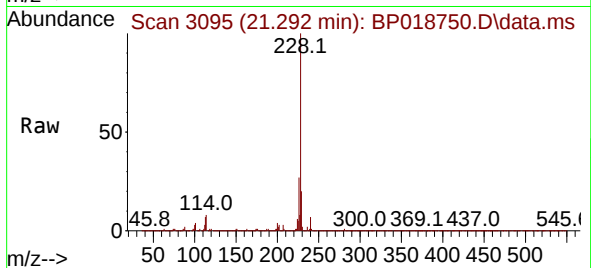
Tgt Ion:228 Resp: 2536318

Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

226 27.1 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.555 ng/ul

RT: 21.222 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

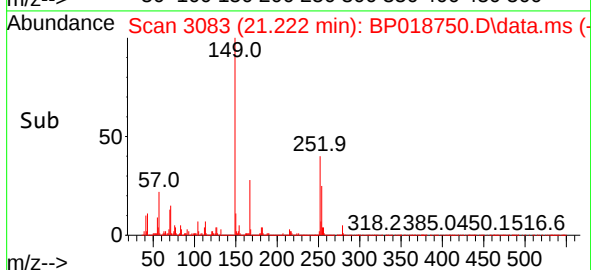
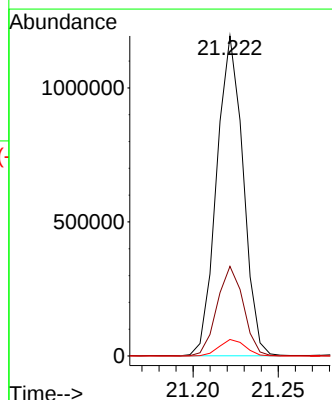
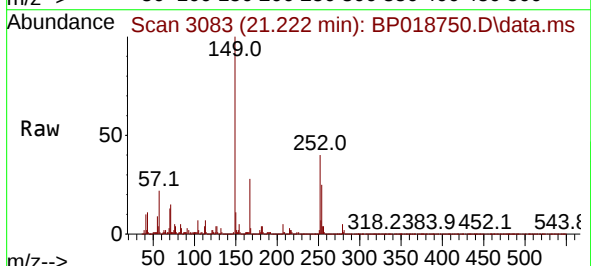
Tgt Ion:149 Resp: 1288628

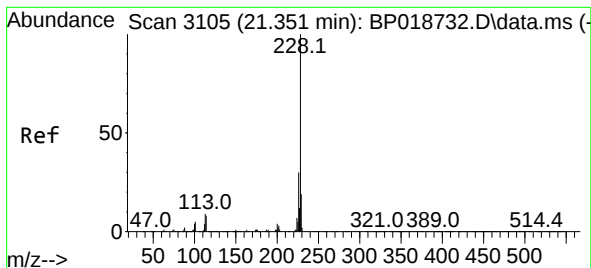
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

279 5.2 3.3 4.9#





#87

Chrysene

Concen: 32.813 ng/ul

RT: 21.345 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

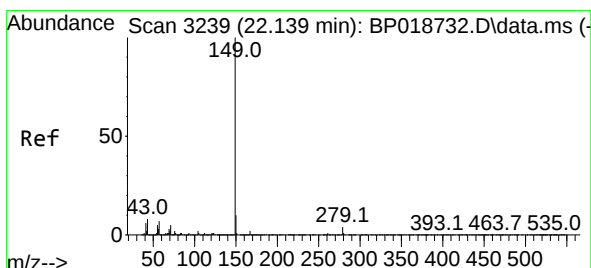
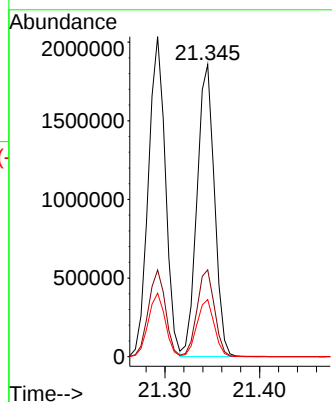
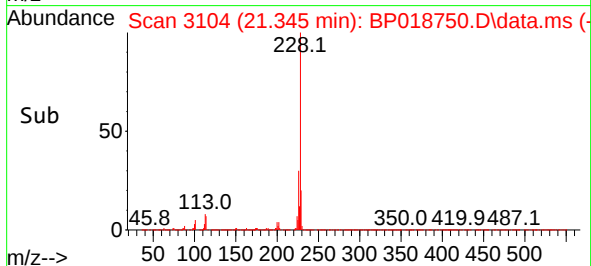
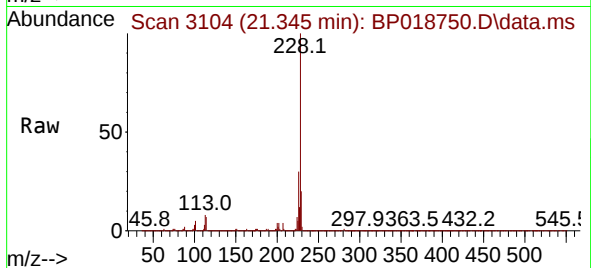
Tgt Ion:228 Resp: 2369802

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 27.471 ng/ul

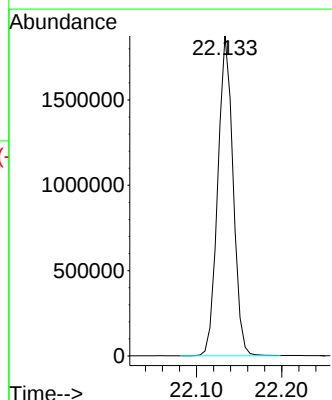
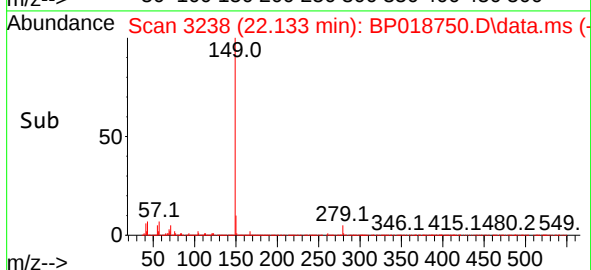
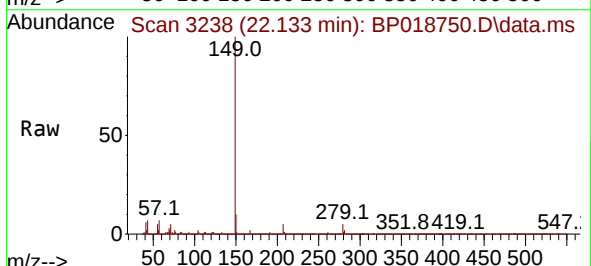
RT: 22.133 min Scan# 3238

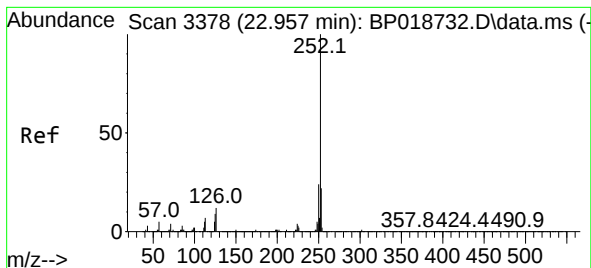
Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Tgt Ion:149 Resp: 2331421





#90

Benzo(b)fluoranthene

Concen: 33.087 ng/ul

RT: 22.951 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

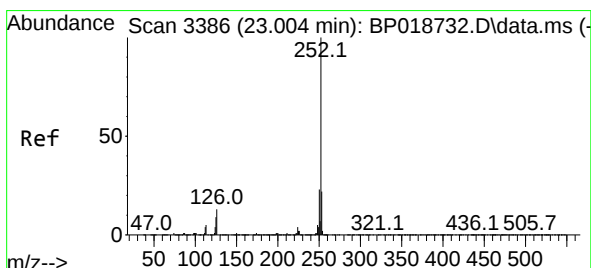
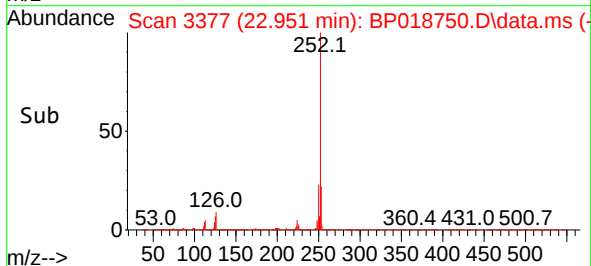
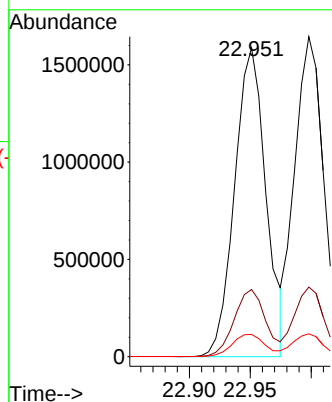
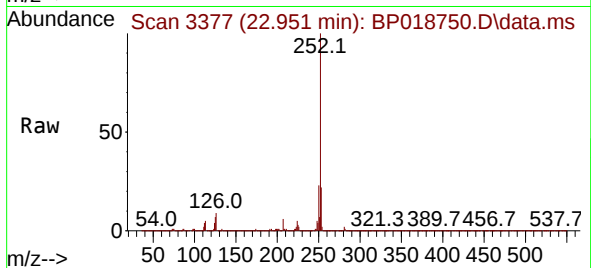
Tgt Ion:252 Resp: 2835756

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 7.2 7.8 11.6#



#91

Benzo(k)fluoranthene

Concen: 32.882 ng/ul

RT: 22.998 min Scan# 3385

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

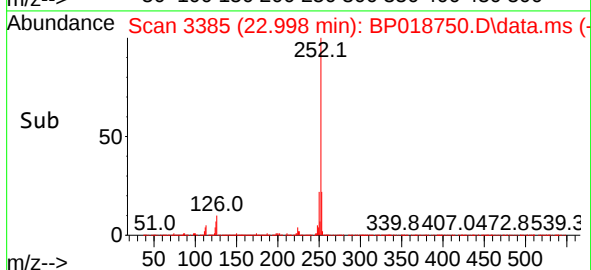
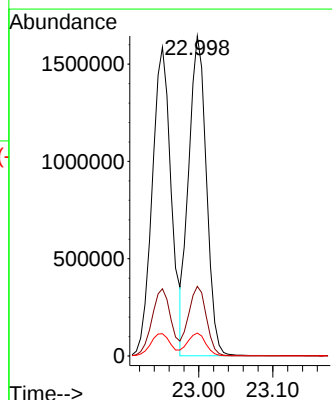
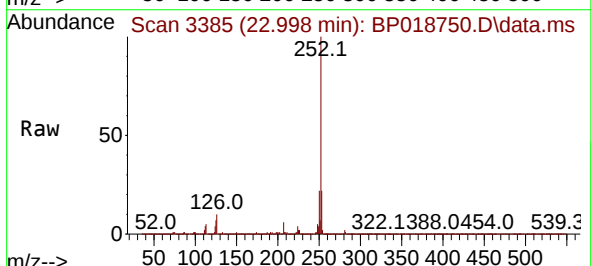
Tgt Ion:252 Resp: 2726743

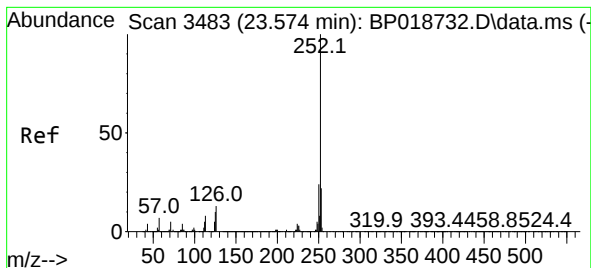
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 7.2 8.0 12.0#





#93

Benzo(a)pyrene

Concen: 33.638 ng/ul

RT: 23.569 min Scan# 3482

Delta R.T. -0.006 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

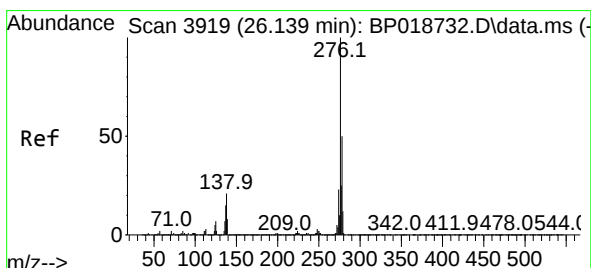
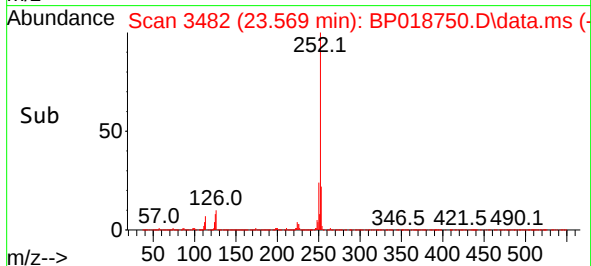
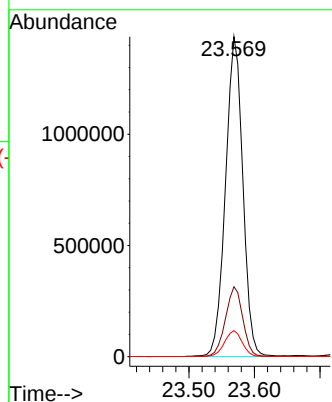
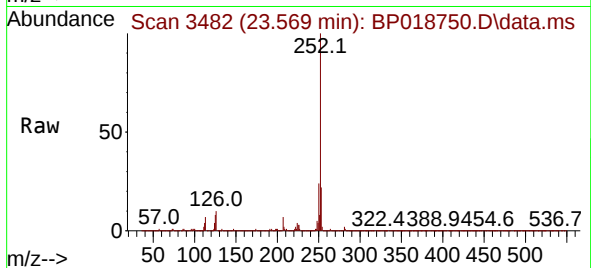
Tgt Ion:252 Resp: 2634229

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 8.2 9.2 13.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.146 ng/ul

RT: 26.139 min Scan# 3919

Delta R.T. 0.000 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

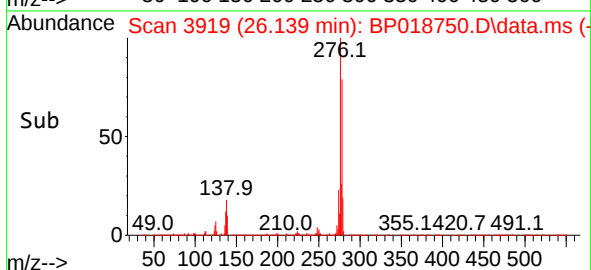
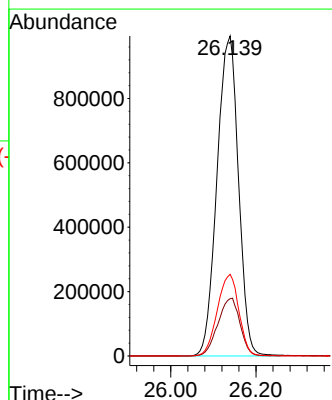
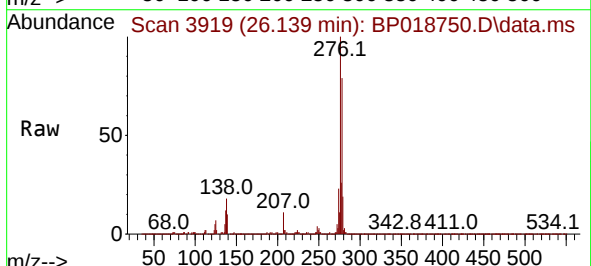
Tgt Ion:276 Resp: 3475614

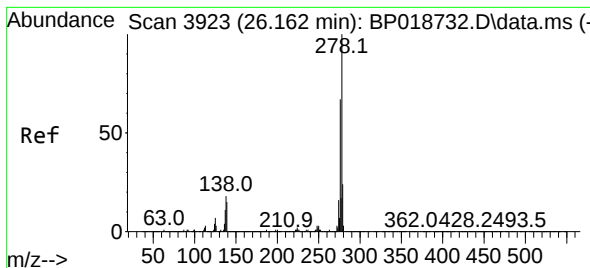
Ion Ratio Lower Upper

276 100

138 17.9 19.4 29.2#

277 25.5 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 37.152 ng/ul

RT: 26.151 min Scan# 3921

Delta R.T. -0.012 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Instrument :

BNA_P

ClientSampleId :

SLCS521

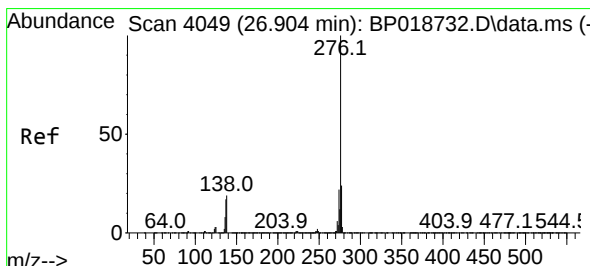
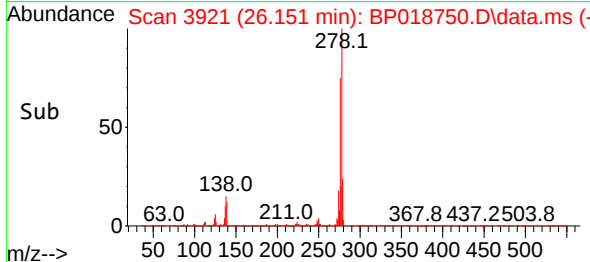
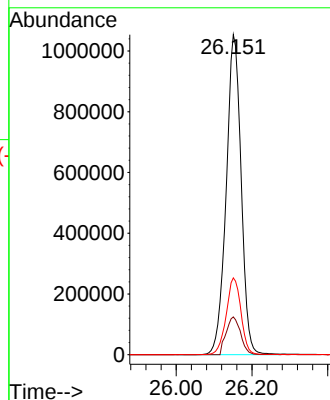
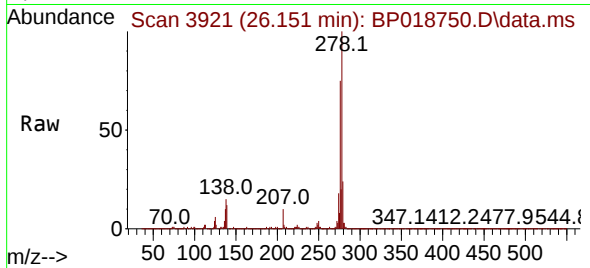
Tgt Ion:278 Resp: 2891669

Ion Ratio Lower Upper

278 100

139 11.8 13.0 19.6#

279 24.0 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 36.945 ng/ul

RT: 26.892 min Scan# 4047

Delta R.T. -0.012 min

Lab File: BP018750.D

Acq: 12 Dec 2023 04:27

Tgt Ion:276 Resp: 2781900

Ion Ratio Lower Upper

276 100

138 16.4 18.1 27.1#

277 23.7 19.4 29.0

