

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018772.D
 Acq On : 12 Dec 2023 18:01
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 21:40:14 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	215573	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	803226	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	521016	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1244965	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	1361129	20.000	ng/u1	# 0.00
88) Perylene-d12	23.668	264	1636204	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	44612	7.052	ng/uL	0.00
4) Pyridine-d5	3.681	84	300430	17.730	ng/u1	0.00
7) Phenol-d5	7.010	99	361006	16.687	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	213415	16.645	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	292629	17.335	ng/u1	0.00
15) 4-Methylphenol-d8	8.551	113	292096	16.684	ng/u1	0.00
21) Nitrobenzene-d5	8.998	128	140893	19.708	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	154011	20.779	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	311809	20.574	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	370227	18.692	ng/u1	0.00
46) Dimethylphthalate-d6	13.886	166	909845	19.566	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	990475	19.344	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	157883	20.684	ng/u1	0.00
60) Fluorene-d10	15.463	176	780671	20.000	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	151251	20.262	ng/u1	0.00
73) Anthracene-d10	17.316	188	1254967	19.174	ng/u1	0.00
81) Pyrene-d10	19.551	212	1606507	15.162	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	1807540	18.946	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	48262	6.957	ng/uL	99
5) Pyridine	3.699	79	301204	17.602	ng/u1	98
6) Benzaldehyde	6.981	77	170344	15.251	ng/u1	99
8) Phenol	7.034	94	359333	16.937	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.269	93	293409	16.840	ng/u1	99
12) 2-Chlorophenol	7.404	128	294140	17.217	ng/u1	96
13) 2-Methylphenol	8.287	108	268724	16.545	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	344918	15.602	ng/u1	98
16) Acetophenone	8.663	105	441224	16.910	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.651	70	212037	14.772	ng/u1	100
18) 4-Methylphenol	8.616	108	287617	16.217	ng/u1	97
19) Hexachloroethane	8.916	117	127840	18.253	ng/u1	84
22) Nitrobenzene	9.040	77	336573	19.364	ng/u1	98
23) Isophorone	9.569	82	602122	16.990	ng/u1	97
25) 2-Nitrophenol	9.751	139	162955	20.534	ng/u1#	93
26) 2,4-Dimethylphenol	9.816	107	298058	19.204	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.057	93	380382	17.001	ng/u1	98
29) 2,4-Dichlorophenol	10.281	162	296828	20.333	ng/u1	98
30) Naphthalene	10.687	128	905460	18.582	ng/u1	100
32) 4-Chloroaniline	10.798	127	357729	18.950	ng/u1	99
33) Hexachlorobutadiene	10.969	225	239659	24.513	ng/u1	99
34) Caprolactam	11.575	113	78661	17.573	ng/u1	93
35) 4-Chloro-3-methylphenol	11.922	107	301849	18.458	ng/u1	98
36) 2-Methylnaphthalene	12.292	142	629442	18.234	ng/u1	98

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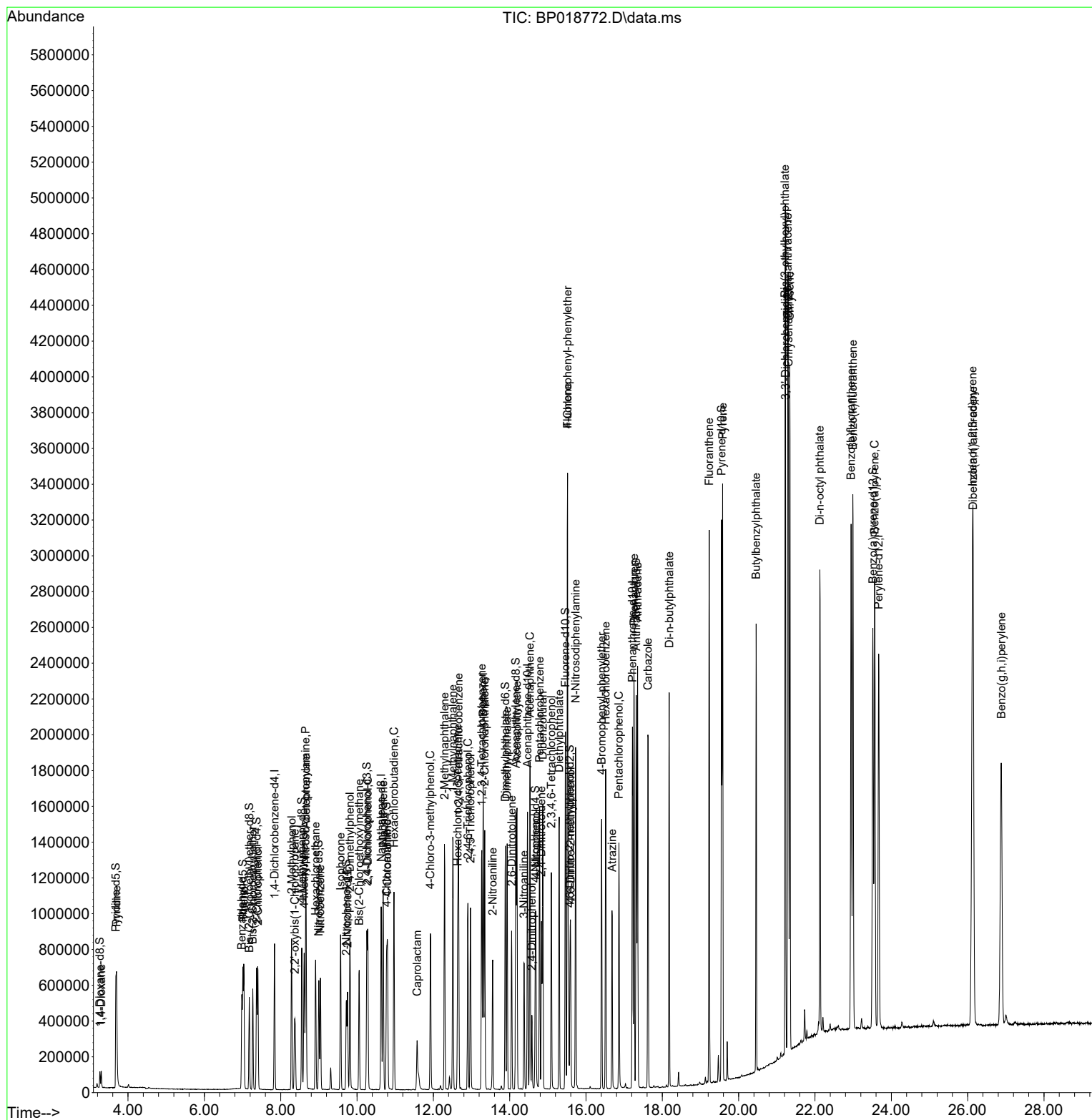
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	635504	18.230	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	423883	22.424	ng/ul	96
40) Hexachlorocyclopentadiene	12.639	237	236260	21.086	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	255351	20.999	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	276248	20.954	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	852310	18.915	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	694414	19.512	ng/ul	100
45) 2-Nitroaniline	13.557	65	187668	19.452	ng/ul	97
47) Dimethylphthalate	13.933	163	881521	19.258	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	180827	20.910	ng/ul	97
50) Acenaphthylene	14.192	152	1083265	18.817	ng/ul	99
51) 3-Nitroaniline	14.375	138	170327	19.730	ng/ul	99
52) Acenaphthene	14.533	153	726680	19.091	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	91451	19.953	ng/ul	94
55) 4-Nitrophenol	14.686	109	148031	25.670	ng/ul	78
56) Dibenzofuran	14.869	168	1026557	19.404	ng/ul	97
57) 2,4-Dinitrotoluene	14.833	165	264555	21.748	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	250392	22.643	ng/ul	94
59) Diethylphthalate	15.298	149	875452	19.545	ng/ul	100
61) Fluorene	15.516	166	832118	19.878	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	464815	21.171	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	159780	20.020	ng/ul	91
67) N-Nitrosodiphenylamine	15.727	169	718418	17.414	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	313931	19.974	ng/ul	93
69) Hexachlorobenzene	16.516	284	384711	21.923	ng/ul	97
70) Atrazine	16.686	200	195027	15.901	ng/ul	98
71) Pentachlorophenol	16.863	266	233778	22.400	ng/ul	99
72) Phenanthrene	17.257	178	1405632	18.694	ng/ul	99
74) Anthracene	17.351	178	1418655	18.823	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	424264	19.709	ng/uL	99
76) Pentachlorobenzene	14.786	250	427951	20.238	ng/uL	100
77) Carbazole	17.621	167	1267119	21.095	ng/ul	99
78) Di-n-butylphthalate	18.180	149	1524861	19.065	ng/ul	99
80) Fluoranthene	19.227	202	1832664	14.633	ng/ul#	92
82) Pyrene	19.580	202	1887682	14.941	ng/ul#	91
83) Butylbenzylphthalate	20.457	149	722008	15.610	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	668885	20.222	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2066036	18.700	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.215	149	1064629	16.746	ng/ul	99
87) Chrysene	21.339	228	1906595	18.740	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1877010	15.712	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2150555	17.826	ng/ul#	97
91) Benzo(k)fluoranthene	22.992	252	2147694	18.400	ng/ul#	98
93) Benzo(a)pyrene	23.562	252	2026635	18.385	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	2579346	19.584	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.145	278	2130884	19.449	ng/ul#	95
96) Benzo(g,h,i)perylene	26.880	276	2065361	19.486	ng/ul#	93

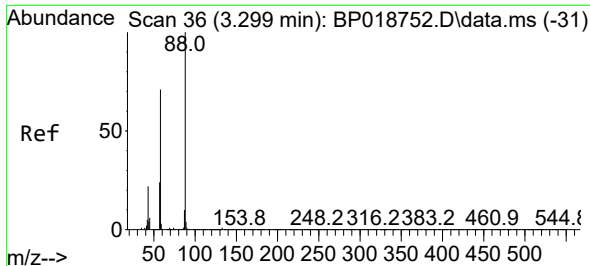
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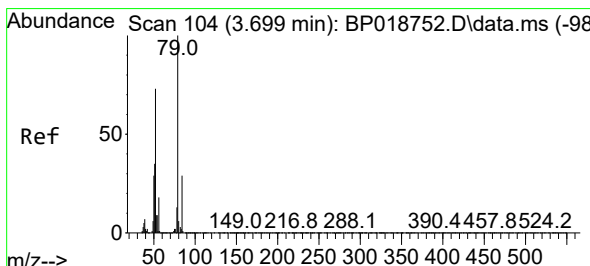
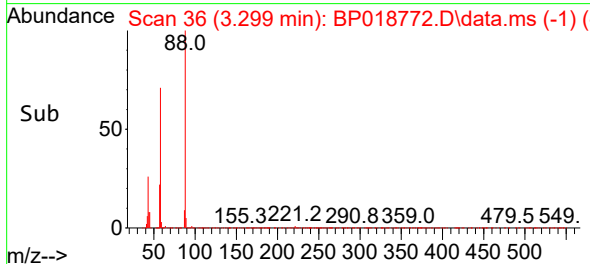
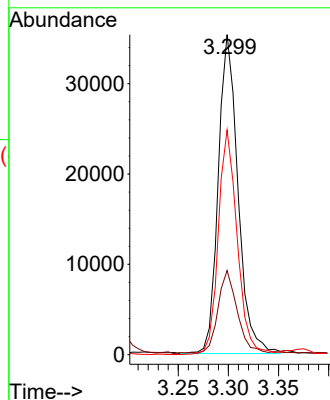
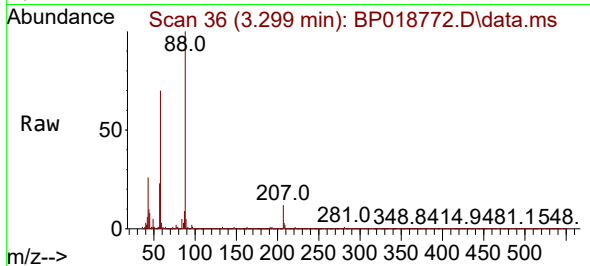




#2
1,4-Dioxane
Concen: 6.957 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

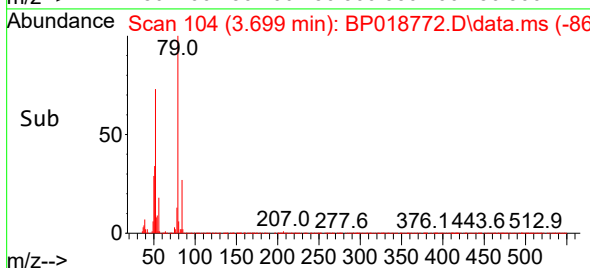
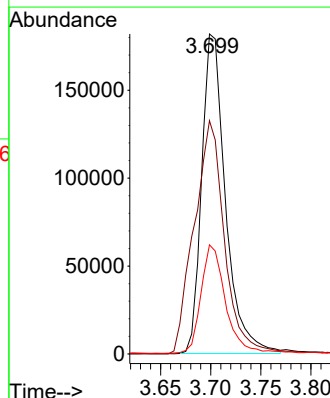
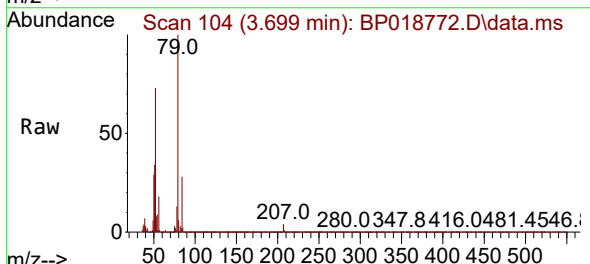
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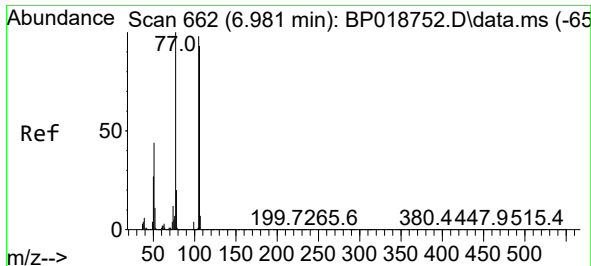
Tgt Ion: 88 Resp: 48262
Ion Ratio Lower Upper
88 100
43 26.3 21.8 32.6
58 70.2 56.5 84.7



#5
Pyridine
Concen: 17.602 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion: 79 Resp: 301204
Ion Ratio Lower Upper
79 100
52 72.9 57.4 86.0
51 34.1 26.2 39.4

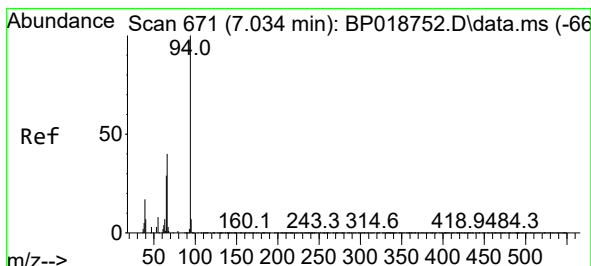
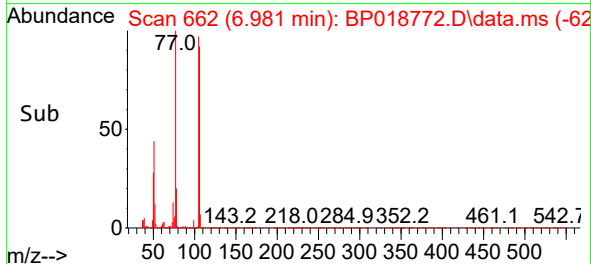
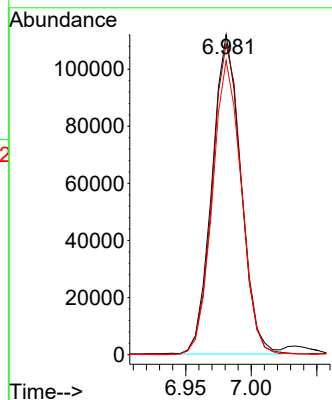
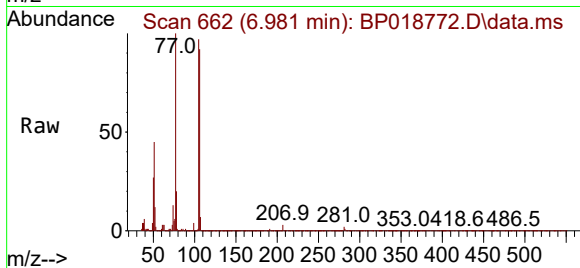




#6
Benzaldehyde
Concen: 15.251 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

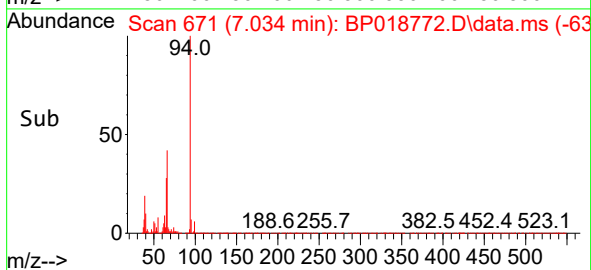
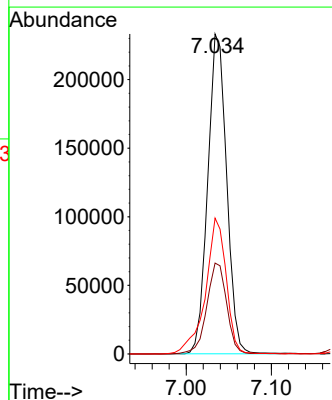
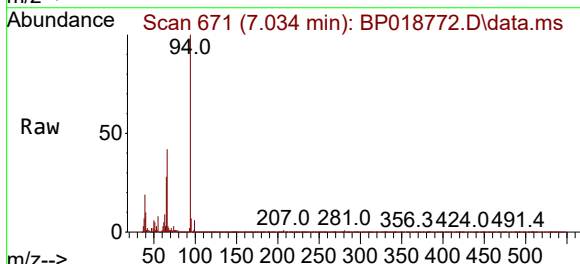
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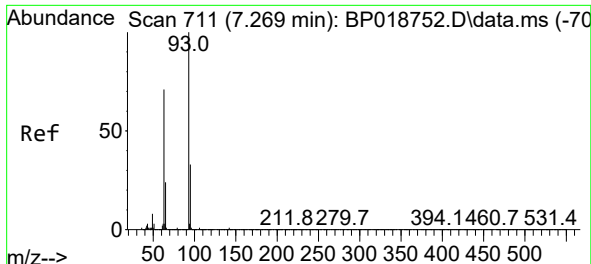
Tgt Ion: 77 Resp: 170344
Ion Ratio Lower Upper
77 100
105 97.2 77.9 116.9
106 92.0 74.6 111.8



#8
Phenol
Concen: 16.937 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

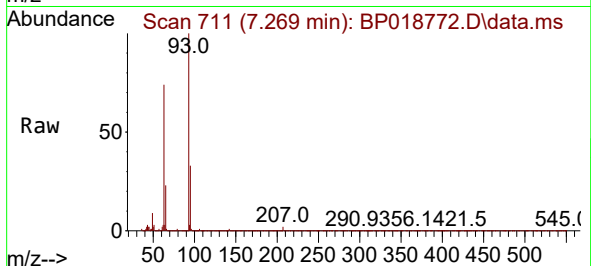
Tgt Ion: 94 Resp: 359333
Ion Ratio Lower Upper
94 100
65 28.4 21.0 31.6
66 42.4 28.6 43.0



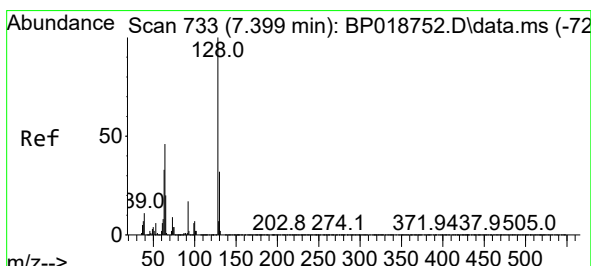
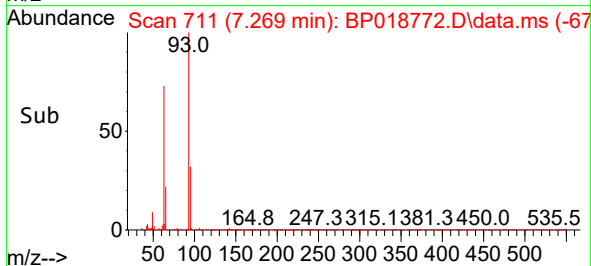
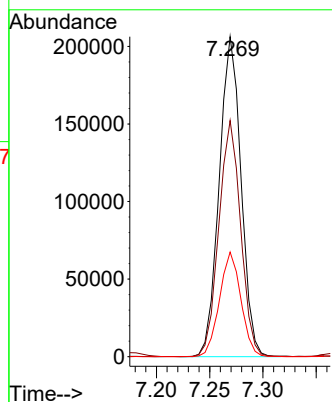


#10
Bis(2-Chloroethyl)ether
Concen: 16.840 ng/ul
RT: 7.269 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Instrument :
BNA_P
ClientSampleId :

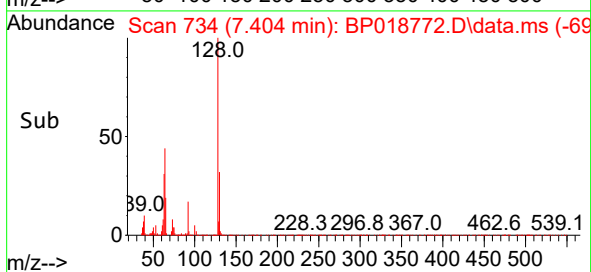
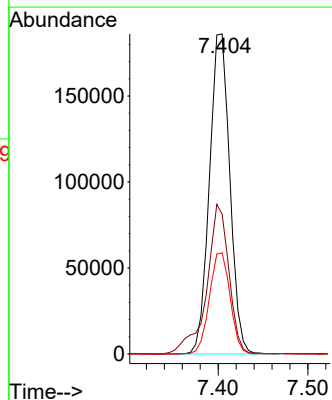
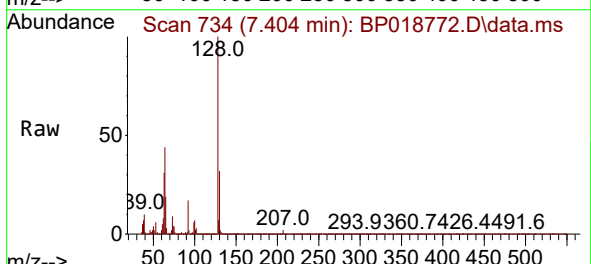


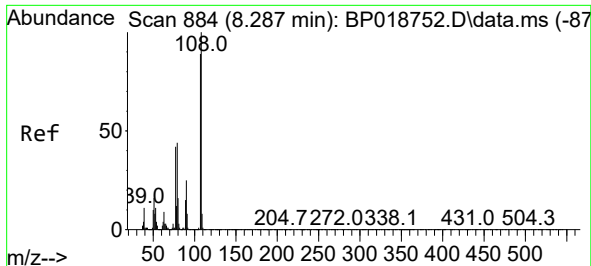
Tgt Ion: 93 Resp: 293409
Ion Ratio Lower Upper
93 100
63 73.8 58.3 87.5
95 32.7 25.9 38.9



#12
2-Chlorophenol
Concen: 17.217 ng/ul
RT: 7.404 min Scan# 734
Delta R.T. 0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:128 Resp: 294140
Ion Ratio Lower Upper
128 100
64 43.7 37.0 55.4
130 31.6 26.8 40.2

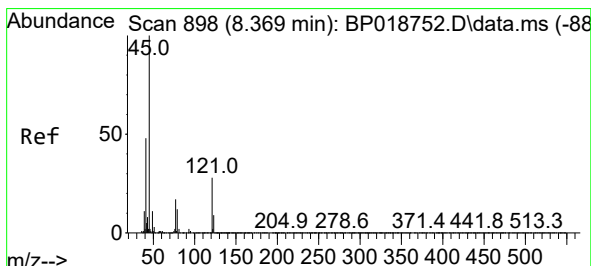
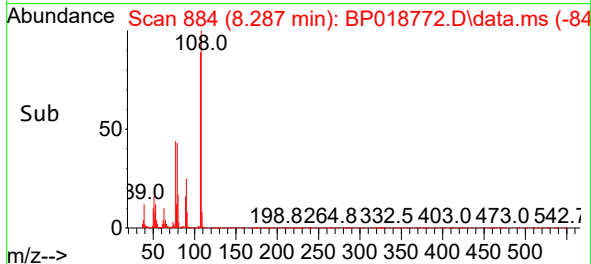
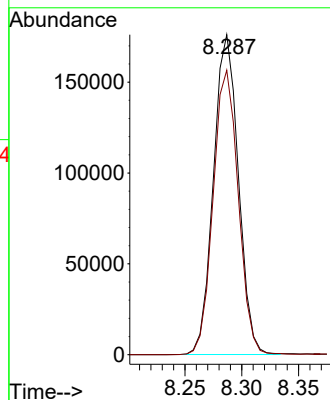
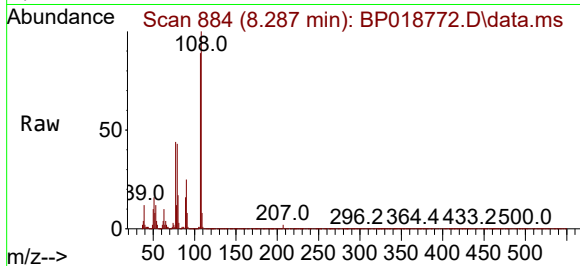




#13
2-Methylphenol
Concen: 16.545 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

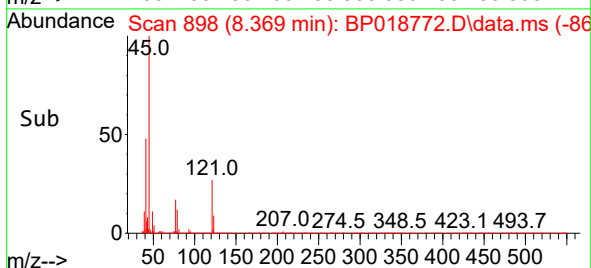
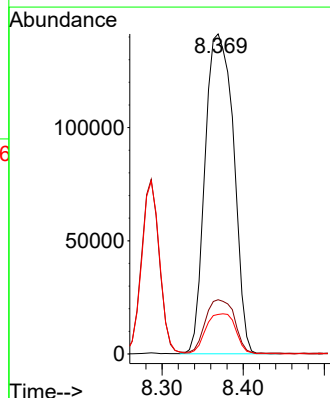
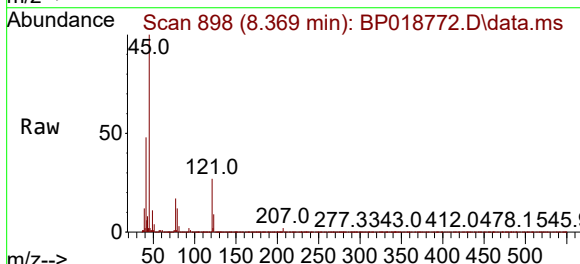
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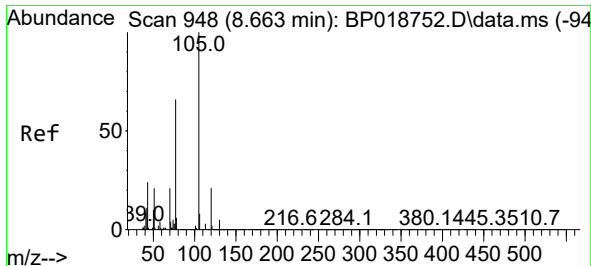
Tgt Ion:108 Resp: 268724
Ion Ratio Lower Upper
108 100
107 88.9 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 15.602 ng/ul
RT: 8.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion: 45 Resp: 344918
Ion Ratio Lower Upper
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77 16.9 12.7 19.1
79 12.4 10.5 15.7

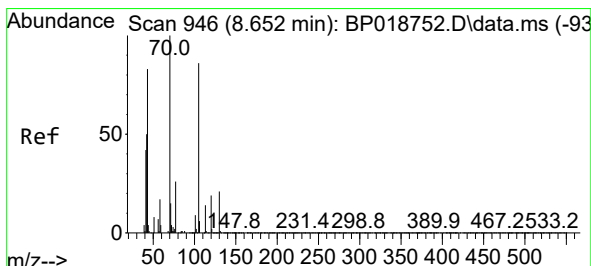
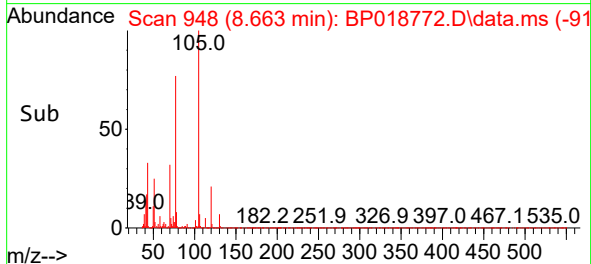
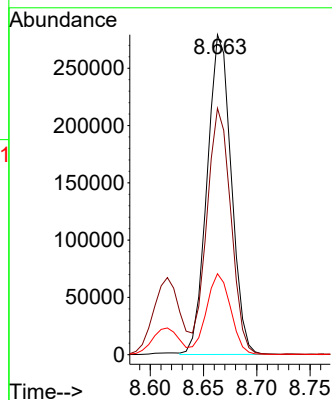
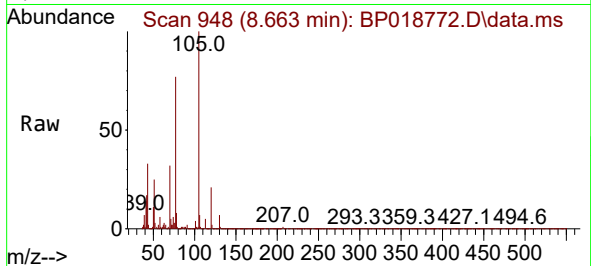




#16
Acetophenone
Concen: 16.910 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.000 min
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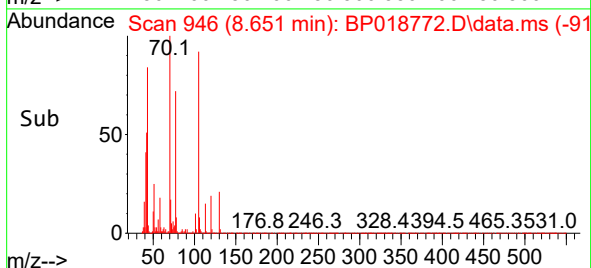
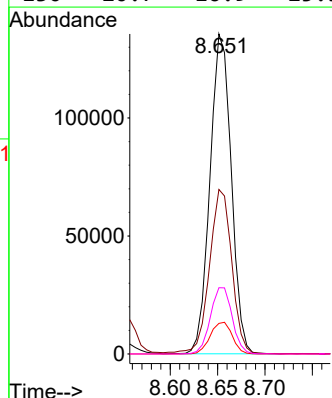
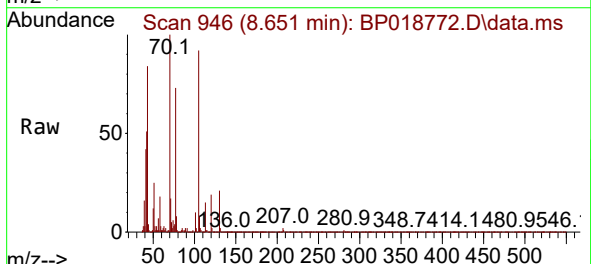
Instrument :
BNA_P
ClientSampleId :

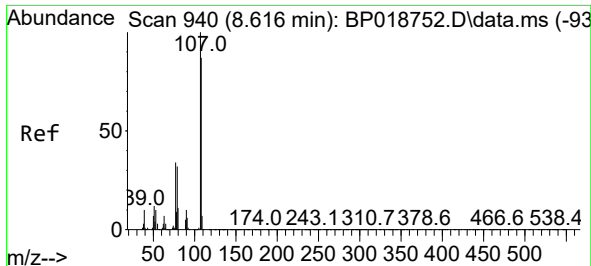
Tgt Ion:105 Resp: 441224
Ion Ratio Lower Upper
105 100
77 77.0 59.4 89.0
51 25.3 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 14.772 ng/ul
RT: 8.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

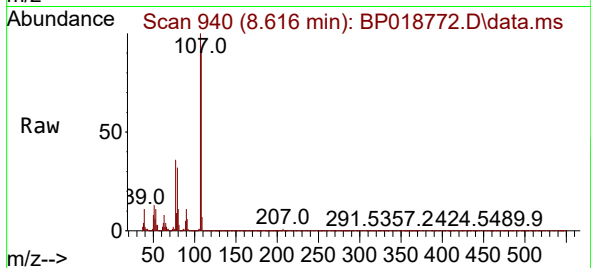
Tgt Ion: 70 Resp: 212037
Ion Ratio Lower Upper
70 100
42 51.4 41.0 61.4
101 9.6 7.8 11.8
130 20.7 16.9 25.3



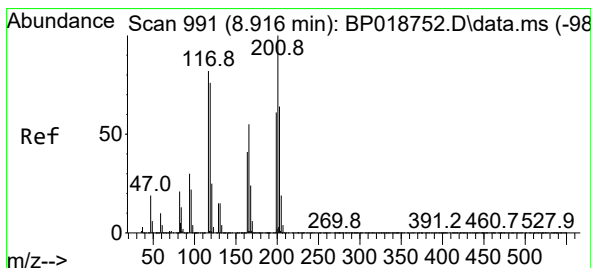
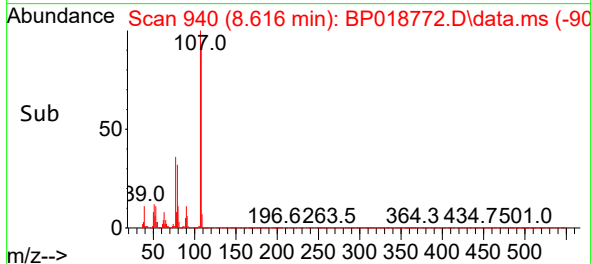
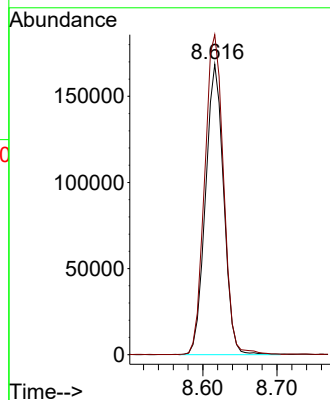


#18
4-Methylphenol
Concen: 16.217 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Instrument :
BNA_P
ClientSampleId :

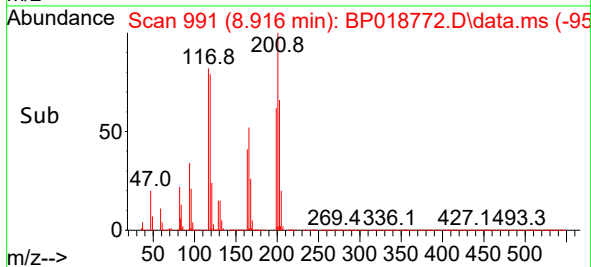
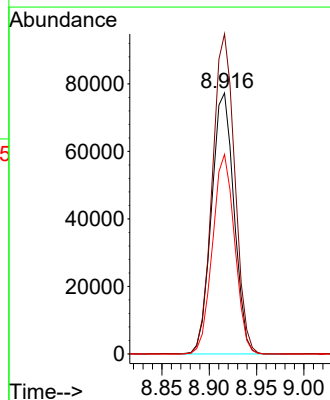
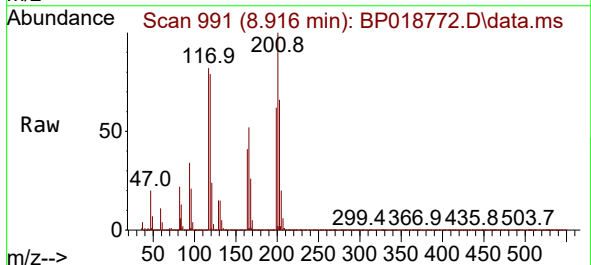


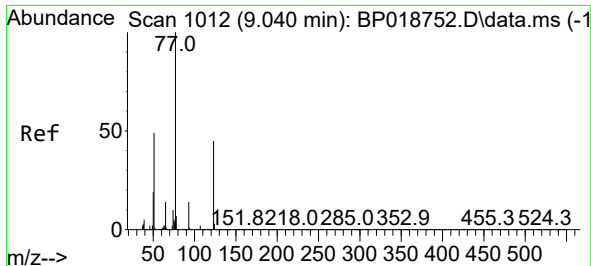
Tgt Ion:108 Resp: 287617
Ion Ratio Lower Upper
108 100
107 110.2 90.6 136.0



#19
Hexachloroethane
Concen: 18.253 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:117 Resp: 127840
Ion Ratio Lower Upper
117 100
201 122.6 83.7 125.5
199 76.5 52.3 78.5

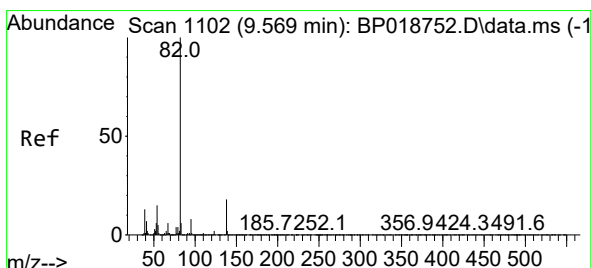
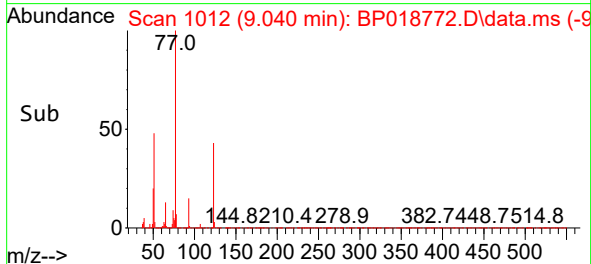
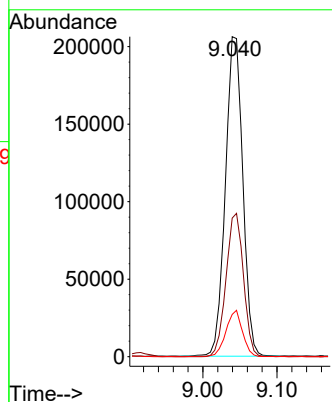
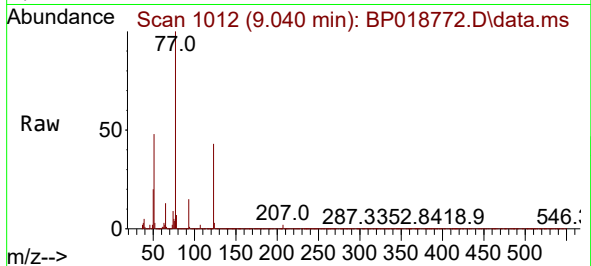




#22
Nitrobenzene
Concen: 19.364 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

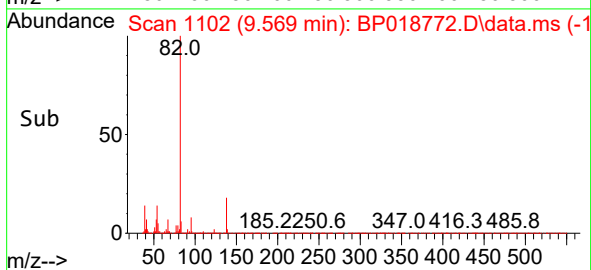
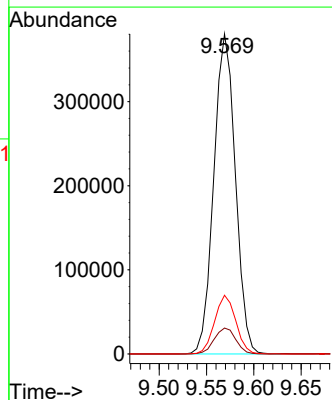
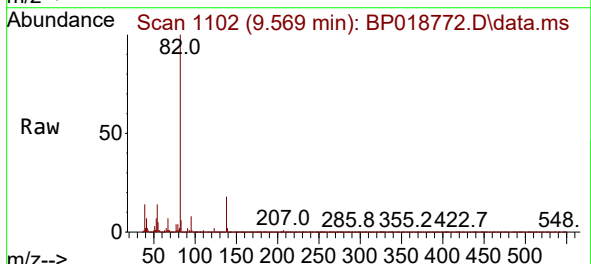
Instrument :
BNA_P
ClientSampleId :

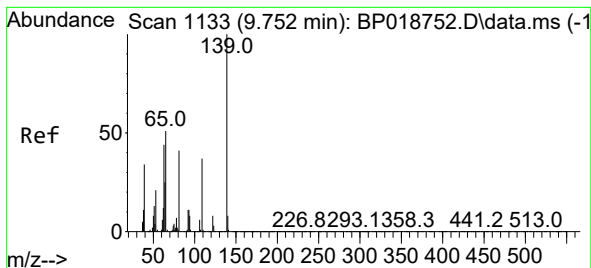
Tgt Ion: 77 Resp: 336573
Ion Ratio Lower Upper
77 100
123 43.3 35.8 53.8
65 13.2 10.5 15.7



#23
Isophorone
Concen: 16.990 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion: 82 Resp: 602122
Ion Ratio Lower Upper
82 100
95 8.1 5.5 8.3
138 18.4 13.5 20.3





#25

2-Nitrophenol

Concen: 20.534 ng/ul

RT: 9.751 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

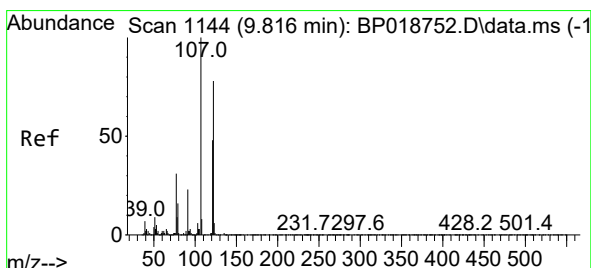
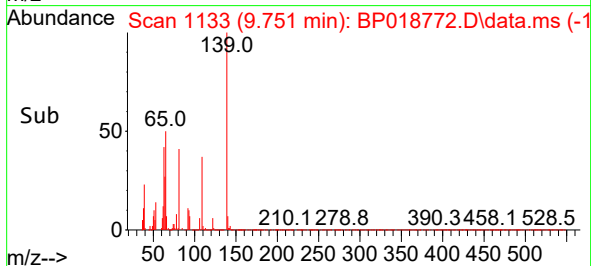
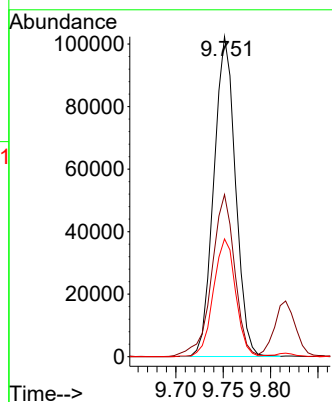
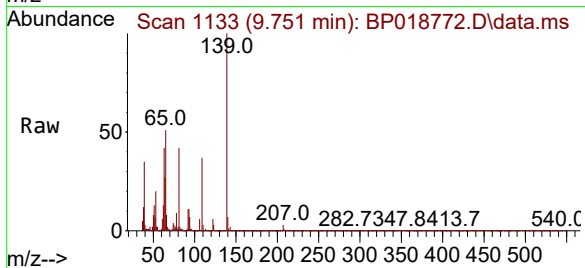
Tgt Ion:139 Resp: 162955

Ion Ratio Lower Upper

139 100

65 50.7 39.1 58.7

109 36.8 23.8 35.6#



#26

2,4-Dimethylphenol

Concen: 19.204 ng/ul

RT: 9.816 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

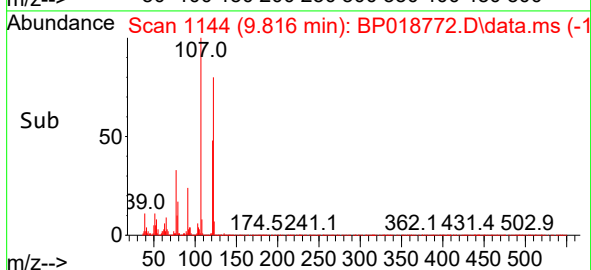
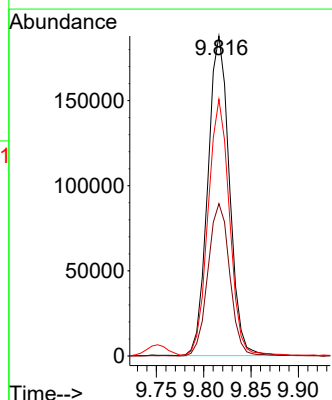
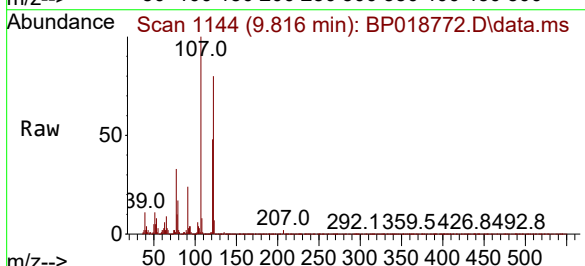
Tgt Ion:107 Resp: 298058

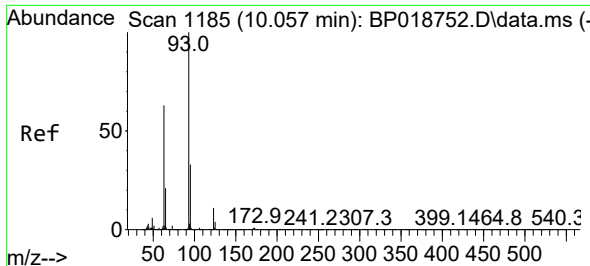
Ion Ratio Lower Upper

107 100

121 47.6 40.0 60.0

122 80.2 69.1 103.7

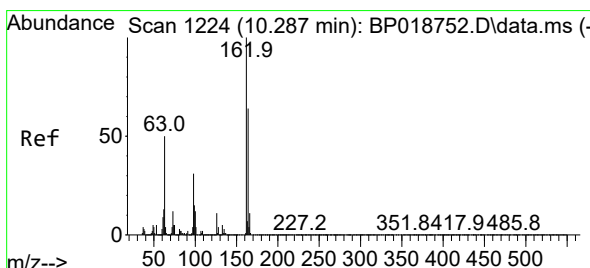
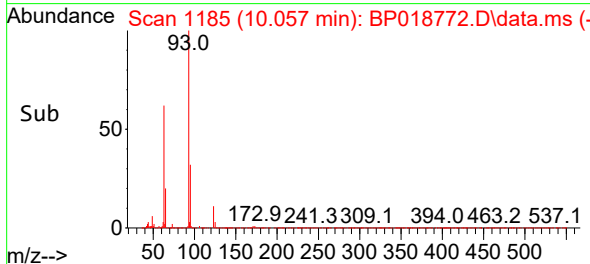
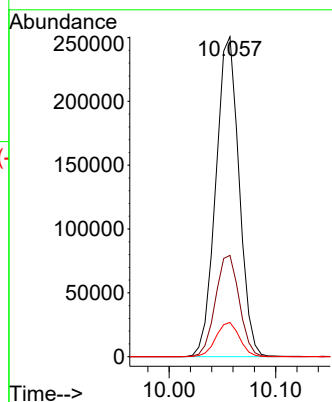
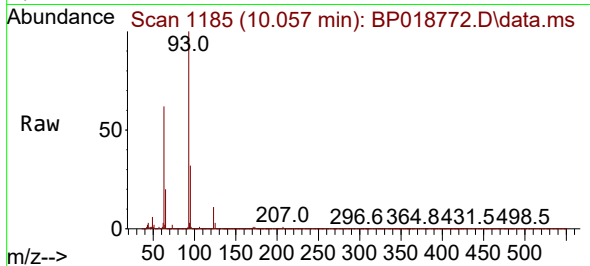




#27
Bis(2-Chloroethoxy)methane
Concen: 17.001 ng/ul
RT: 10.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

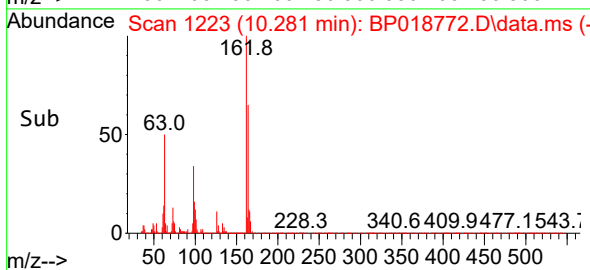
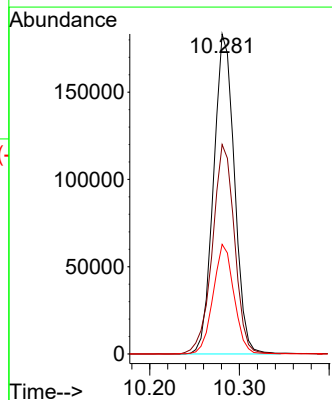
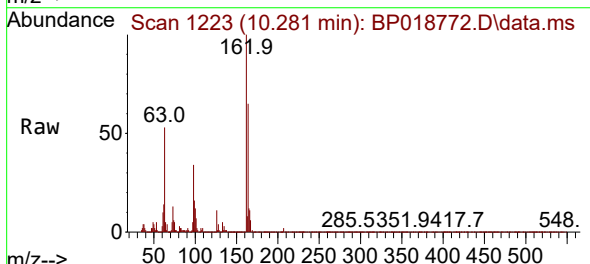
Instrument :
BNA_P
ClientSampleId :

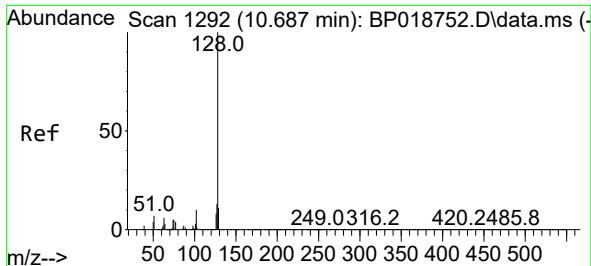
Tgt Ion: 93 Resp: 380382
Ion Ratio Lower Upper
93 100
95 31.7 26.1 39.1
123 10.7 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 20.333 ng/ul
RT: 10.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:162 Resp: 296828
Ion Ratio Lower Upper
162 100
164 65.5 51.7 77.5
98 34.3 29.2 43.8

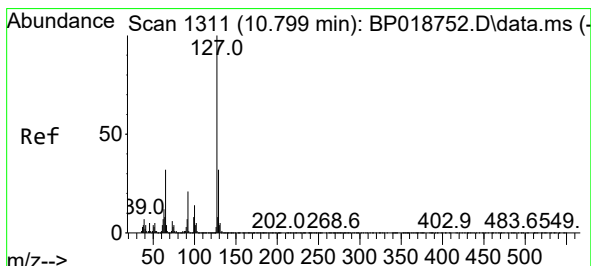
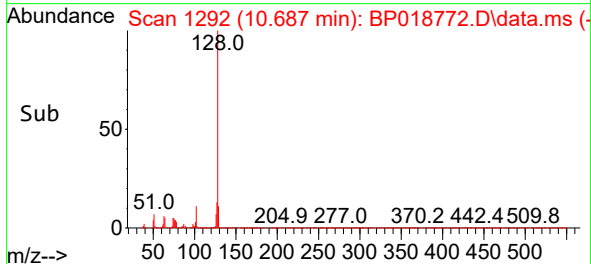
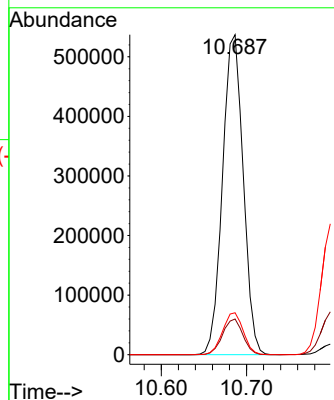
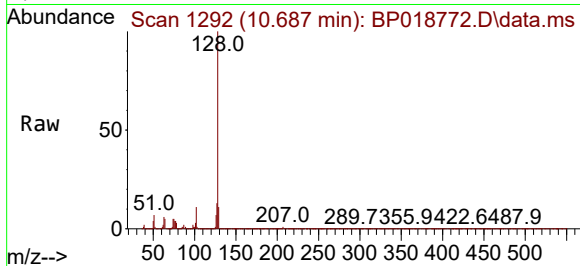




#30
Naphthalene
Concen: 18.582 ng/ul
RT: 10.687 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

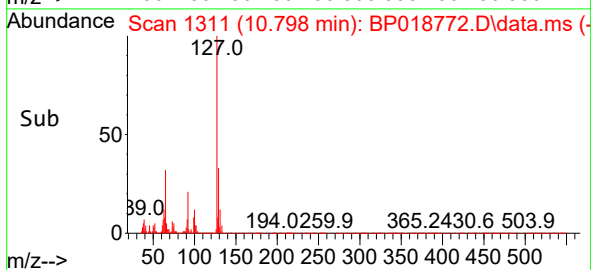
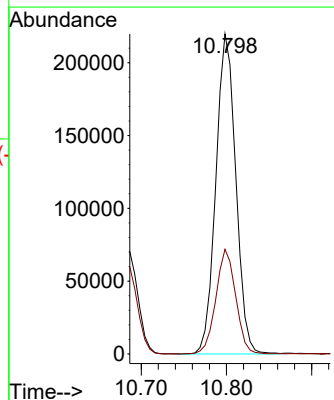
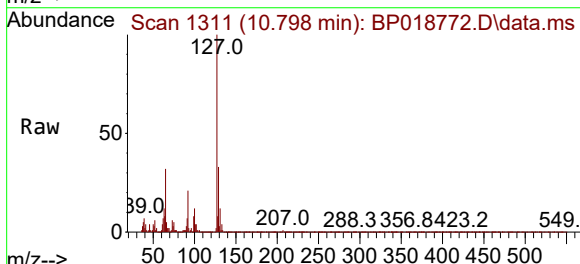
Instrument :
BNA_P
ClientSampleId :

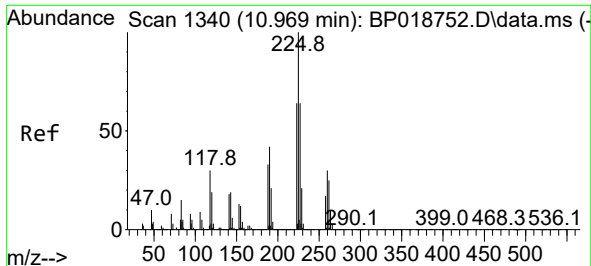
Tgt Ion:128 Resp: 905460
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7



#32
4-Chloroaniline
Concen: 18.950 ng/ul
RT: 10.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

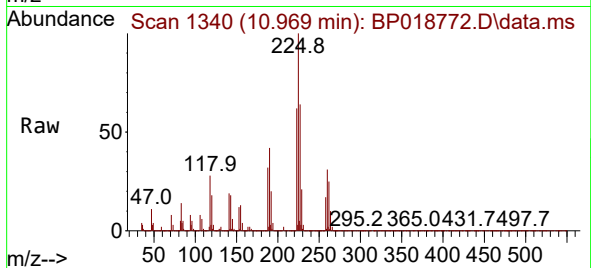
Tgt Ion:127 Resp: 357729
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4



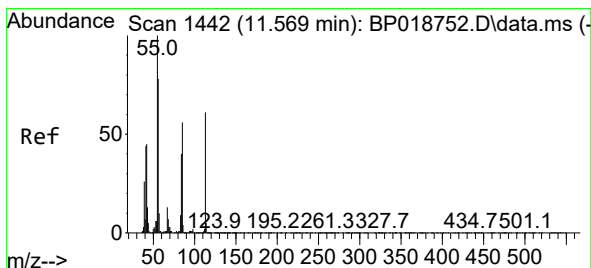
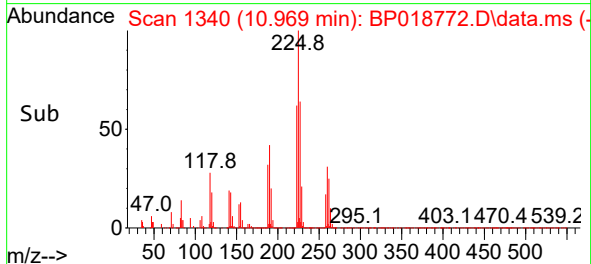
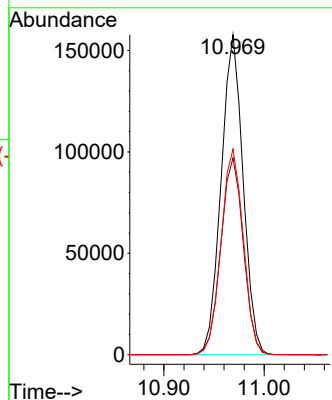


#33
Hexachlorobutadiene
Concen: 24.513 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Instrument :
BNA_P
ClientSampleId :

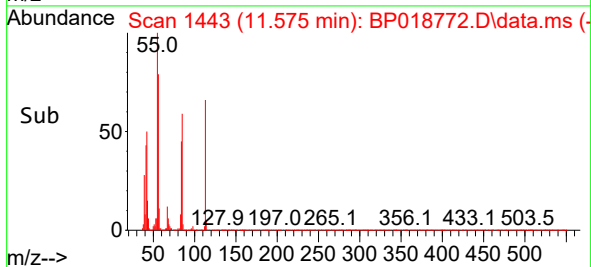
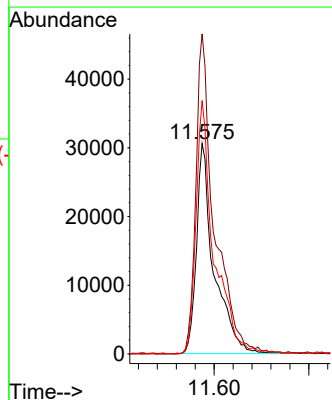
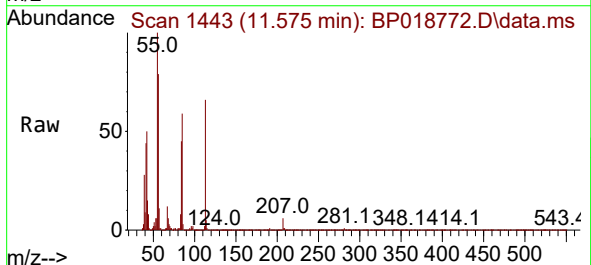


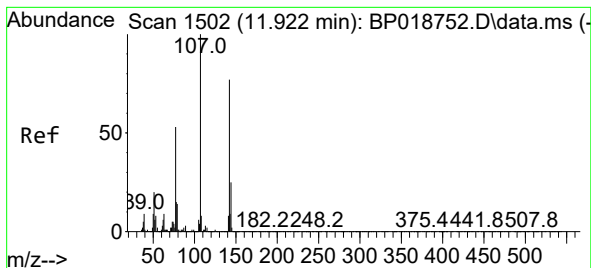
Tgt Ion:225 Resp: 239659
Ion Ratio Lower Upper
225 100
223 61.5 49.5 74.3
227 64.2 50.9 76.3



#34
Caprolactam
Concen: 17.573 ng/ul
RT: 11.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:113 Resp: 78661
Ion Ratio Lower Upper
113 100
55 152.1 133.7 200.5
56 120.4 97.4 146.2

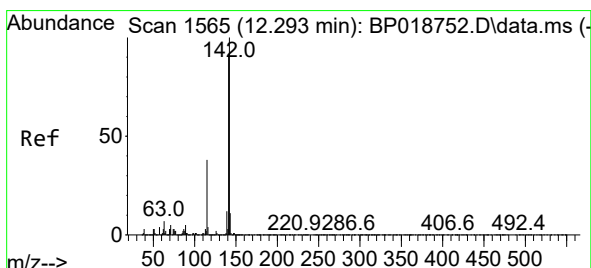
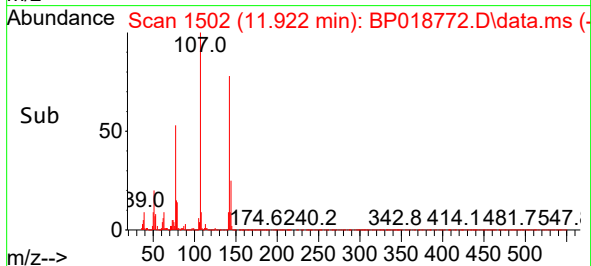
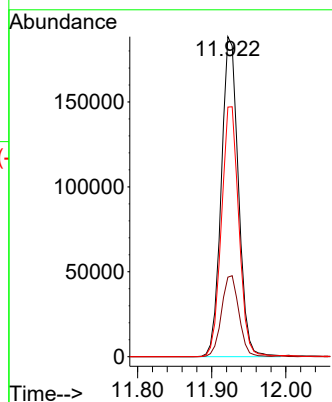
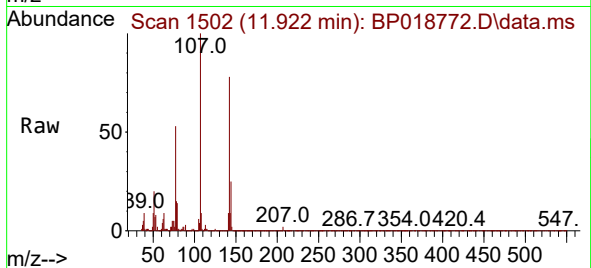




#35
4-Chloro-3-methylphenol
Concen: 18.458 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

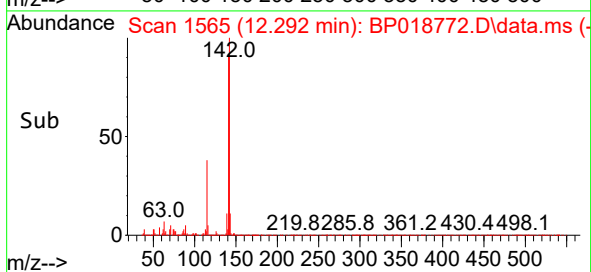
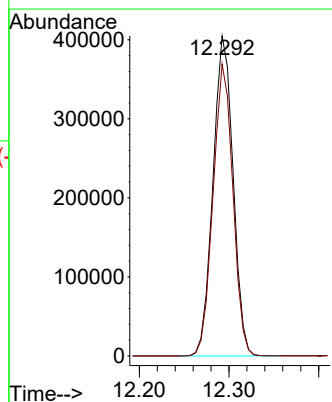
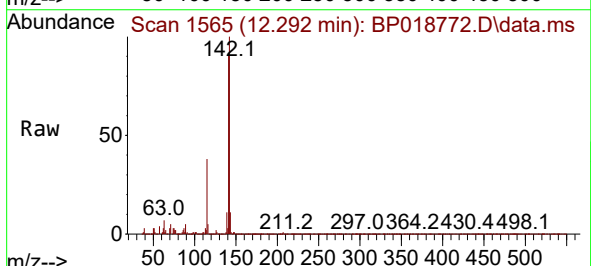
Instrument :
BNA_P
ClientSampleId :

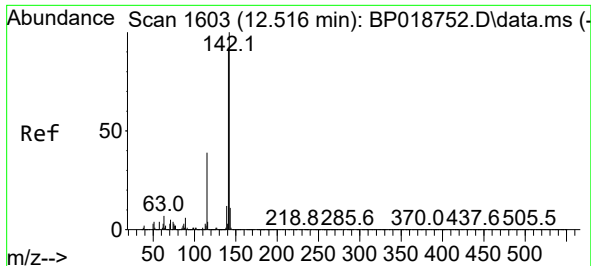
Tgt Ion:107 Resp: 301849
Ion Ratio Lower Upper
107 100
144 24.9 21.0 31.6
142 78.0 63.6 95.4



#36
2-Methylnaphthalene
Concen: 18.234 ng/ul
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:142 Resp: 629442
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.0

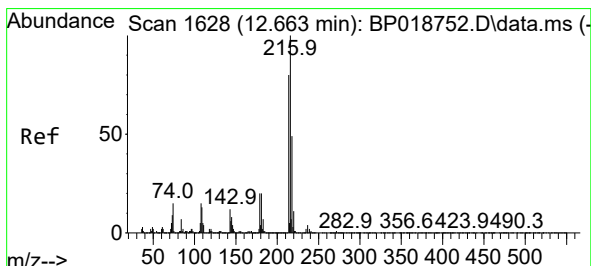
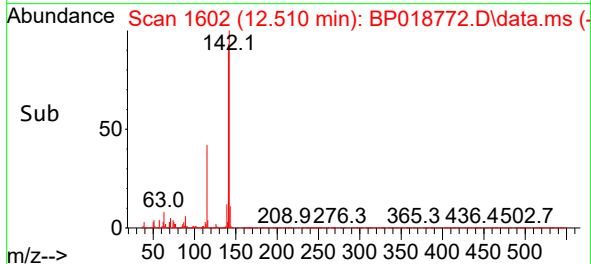
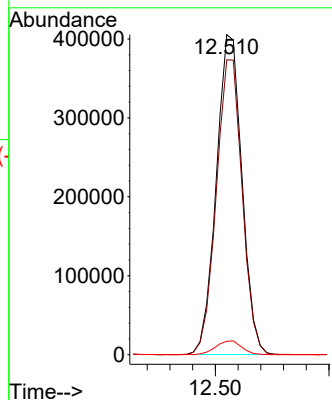
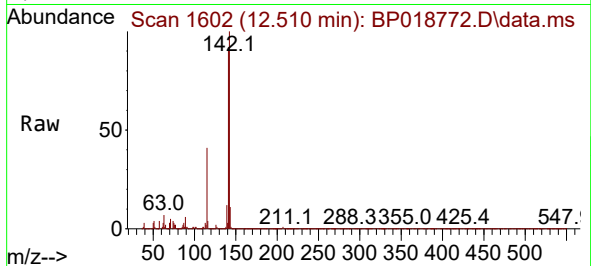




#37
1-Methylnaphthalene
Concen: 18.230 ng/ul
RT: 12.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

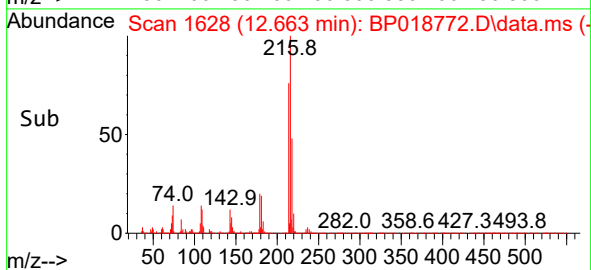
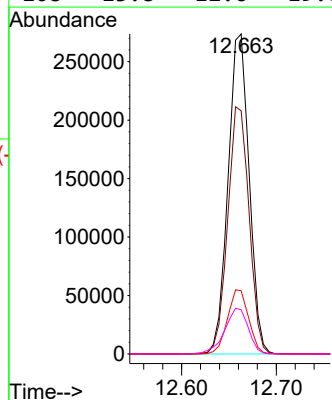
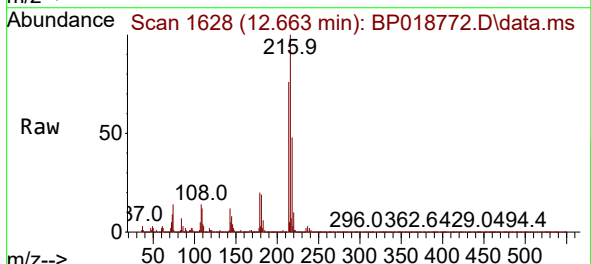
Instrument :
BNA_P
ClientSampleId :

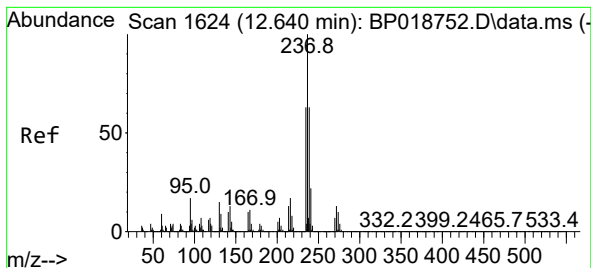
Tgt Ion:142 Resp: 635504
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 4.2 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.424 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:216 Resp: 423883
Ion Ratio Lower Upper
216 100
214 76.0 63.9 95.9
179 19.8 16.3 24.5
108 13.8 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 21.086 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

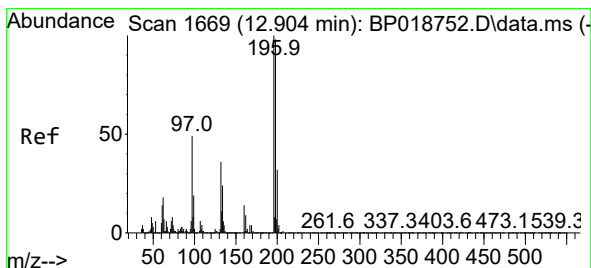
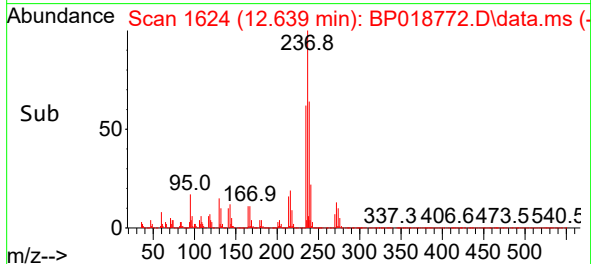
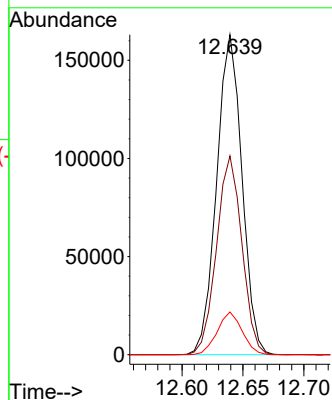
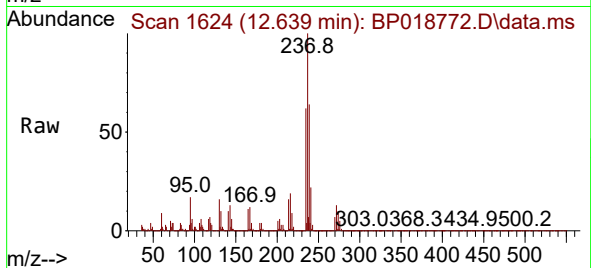
Tgt Ion:237 Resp: 236260

Ion Ratio Lower Upper

237 100

235 62.1 49.4 74.0

272 13.3 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 20.999 ng/ul

RT: 12.904 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

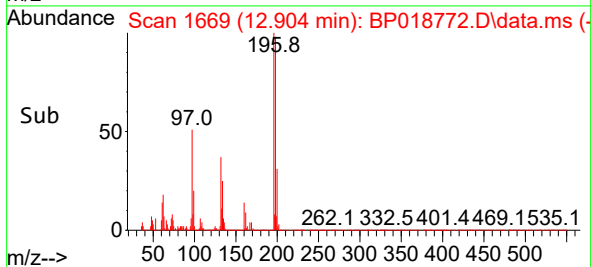
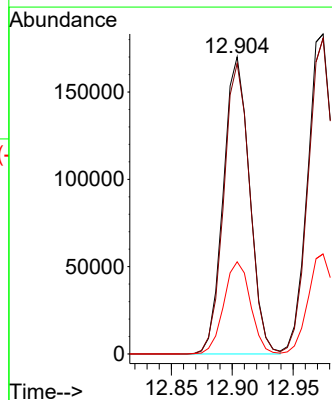
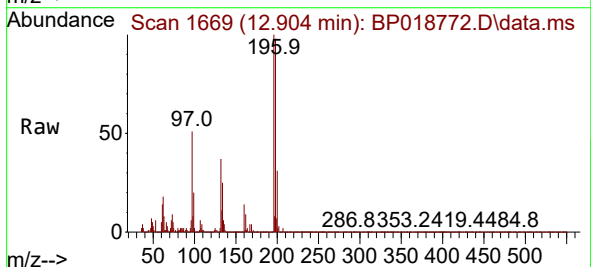
Tgt Ion:196 Resp: 255351

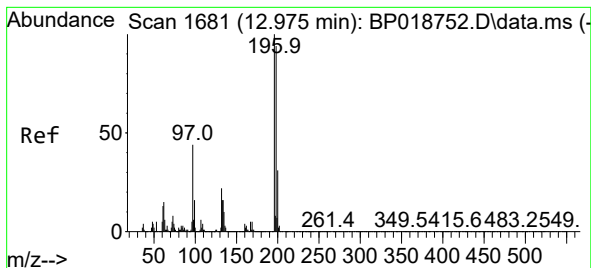
Ion Ratio Lower Upper

196 100

198 97.8 76.9 115.3

200 31.0 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 20.954 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

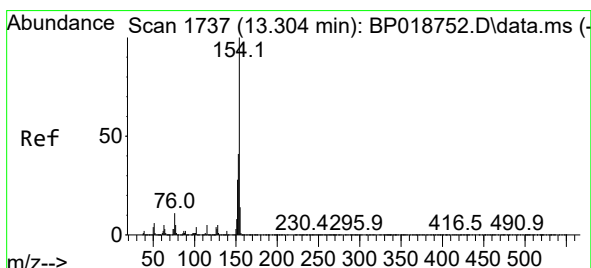
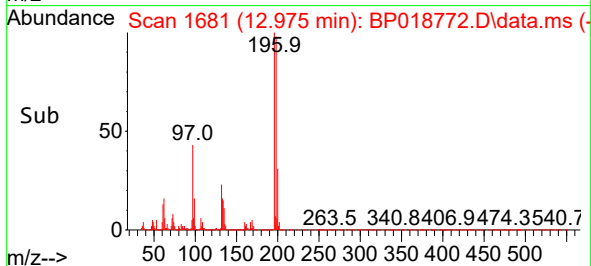
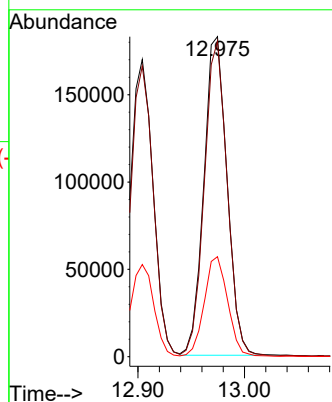
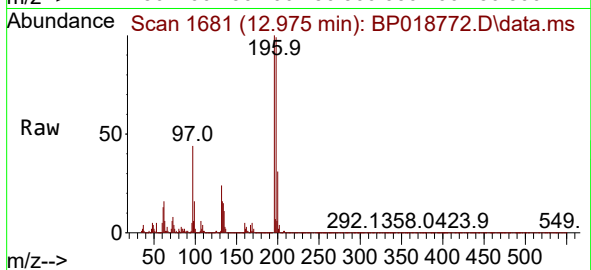
Tgt Ion:196 Resp: 276248

Ion Ratio Lower Upper

196 100

198 98.6 77.9 116.9

200 31.2 25.2 37.8



#43

1,1'-Biphenyl

Concen: 18.915 ng/ul

RT: 13.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

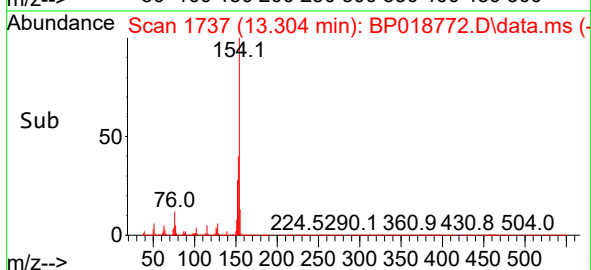
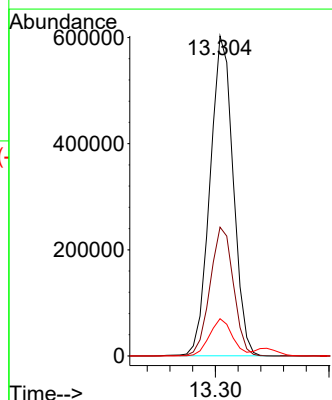
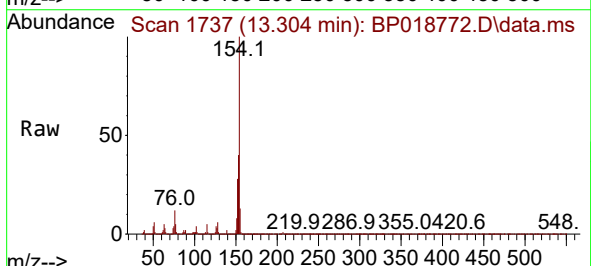
Tgt Ion:154 Resp: 852310

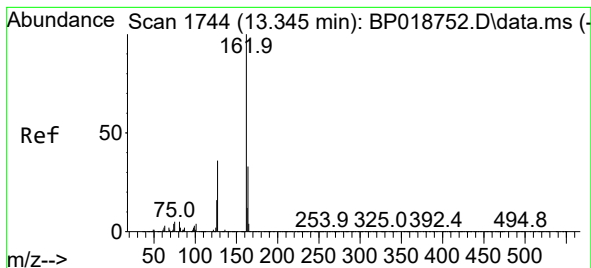
Ion Ratio Lower Upper

154 100

153 40.3 32.8 49.2

76 11.7 10.7 16.1

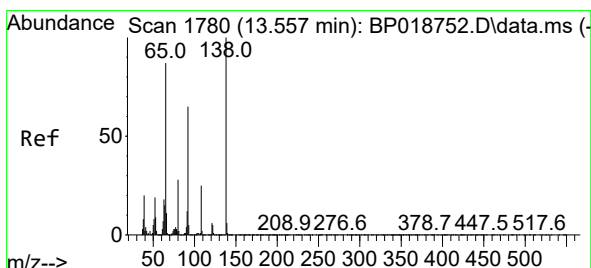
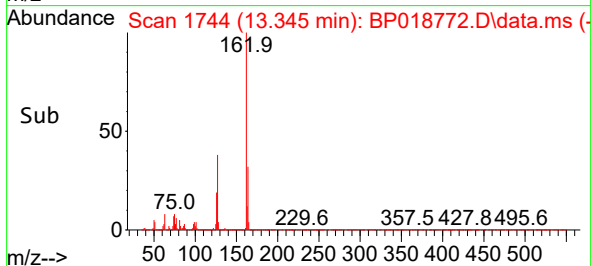
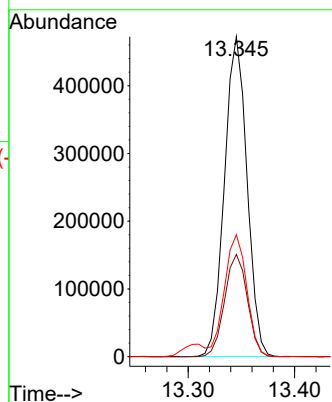
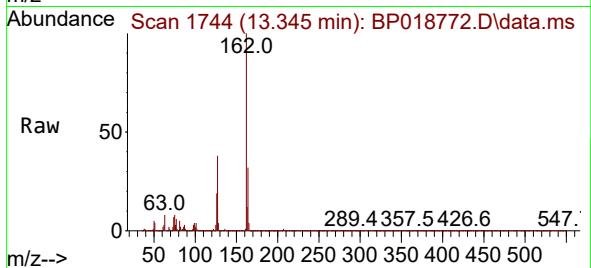




#44
2-Chloronaphthalene
Concen: 19.512 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

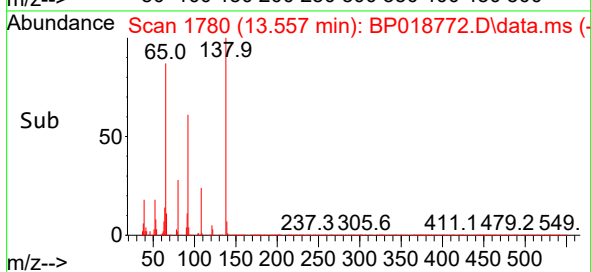
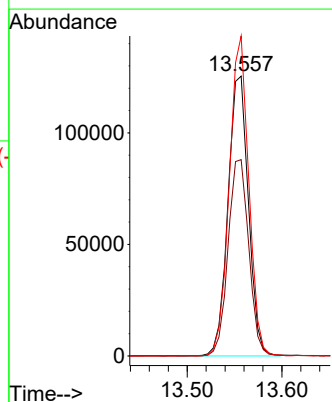
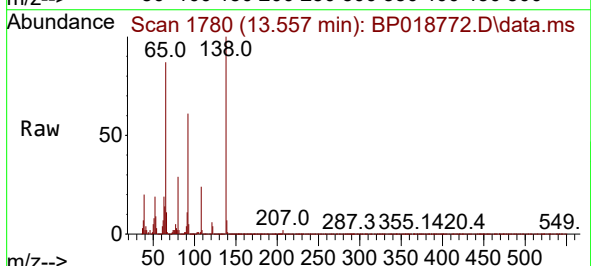
Instrument :
BNA_P
ClientSampleId :

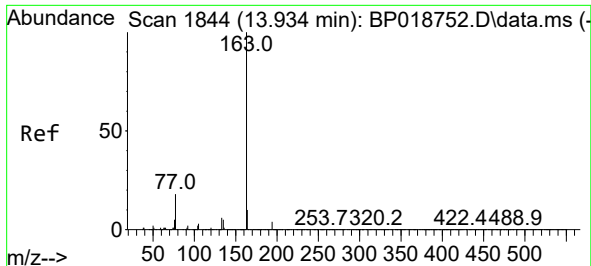
Tgt Ion:162 Resp: 694414
Ion Ratio Lower Upper
162 100
164 31.9 25.7 38.5
127 38.1 30.3 45.5



#45
2-Nitroaniline
Concen: 19.452 ng/ul
RT: 13.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion: 65 Resp: 187668
Ion Ratio Lower Upper
65 100
92 70.1 56.9 85.3
138 114.4 88.2 132.2

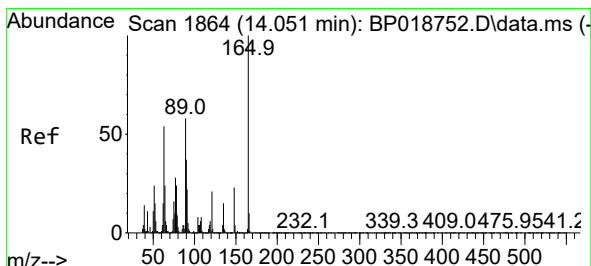
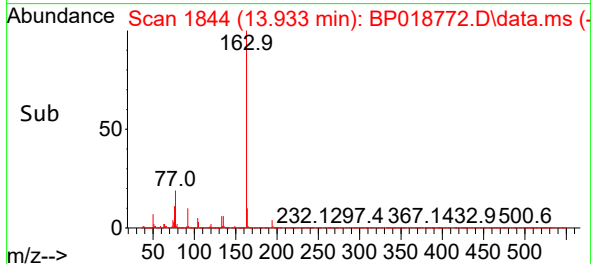
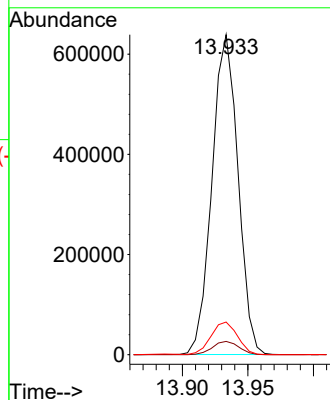
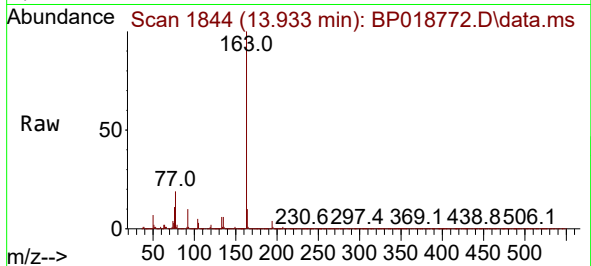




#47
Dimethylphthalate
Concen: 19.258 ng/ul
RT: 13.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

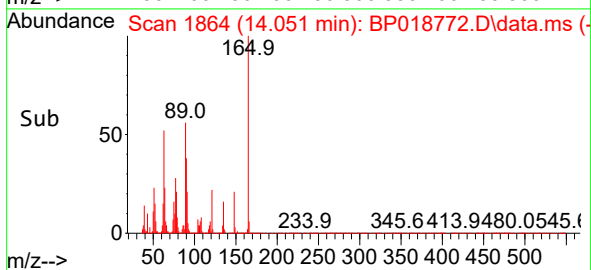
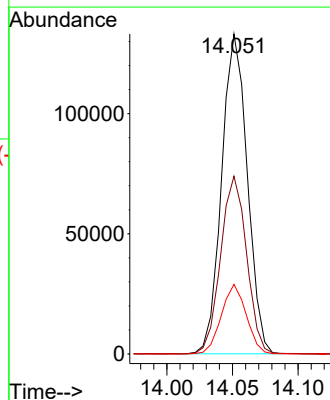
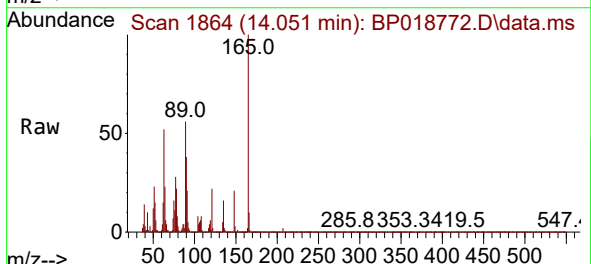
Instrument :
BNA_P
ClientSampleId :

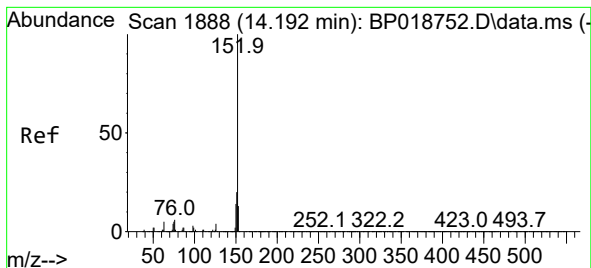
Tgt Ion:163 Resp: 881521
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.910 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:165 Resp: 180827
Ion Ratio Lower Upper
165 100
89 55.6 46.6 70.0
121 21.8 17.3 25.9





#50

Acenaphthylene

Concen: 18.817 ng/ul

RT: 14.192 min Scan# 1888

Delta R.T. -0.000 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

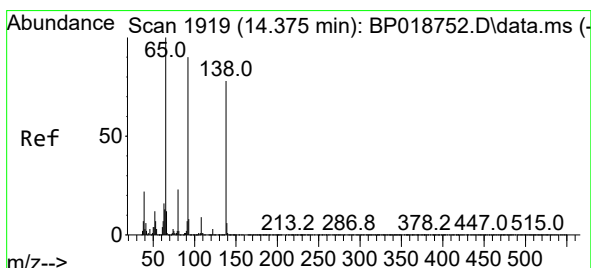
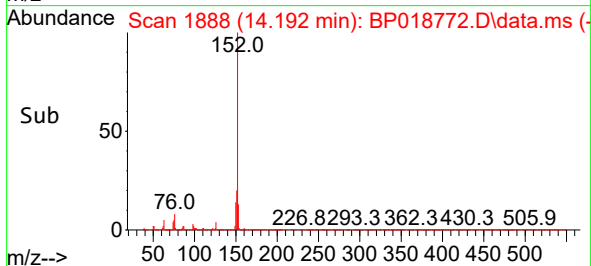
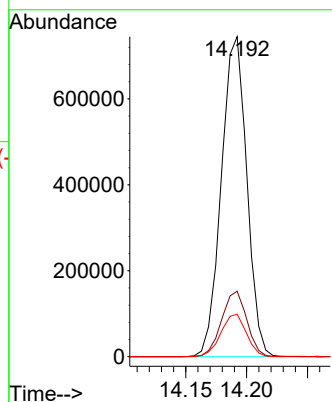
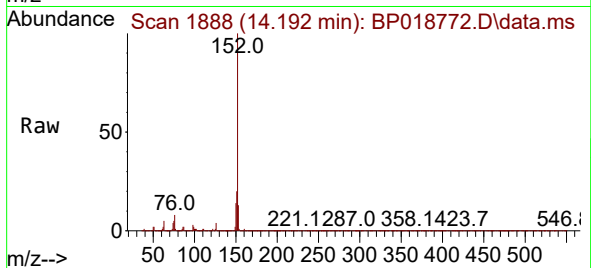
Tgt Ion:152 Resp: 1083265

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.3 10.6 16.0



#51

3-Nitroaniline

Concen: 19.730 ng/ul

RT: 14.375 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

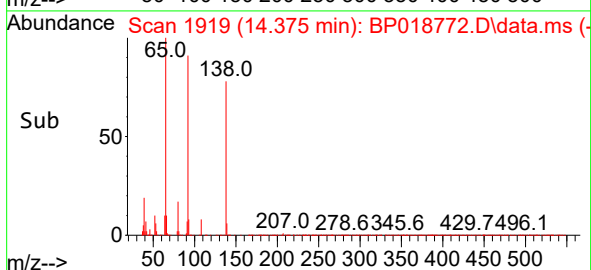
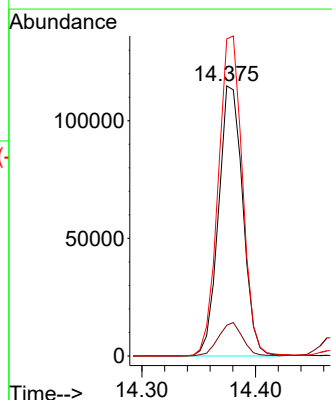
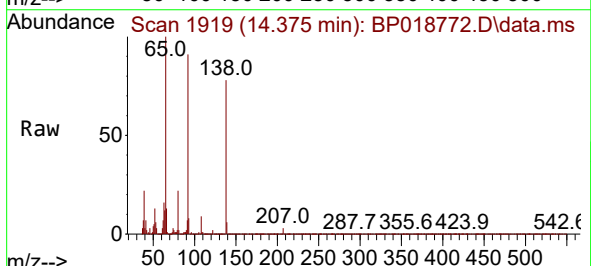
Tgt Ion:138 Resp: 170327

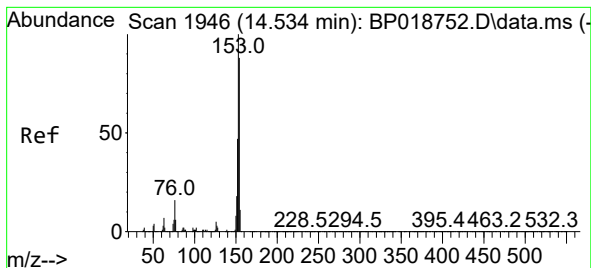
Ion Ratio Lower Upper

138 100

108 11.4 9.5 14.3

92 117.4 93.1 139.7





#52

Acenaphthene

Concen: 19.091 ng/ul

RT: 14.533 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

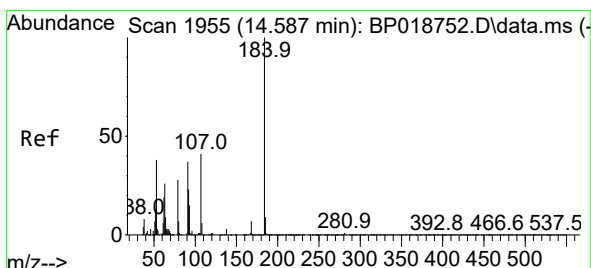
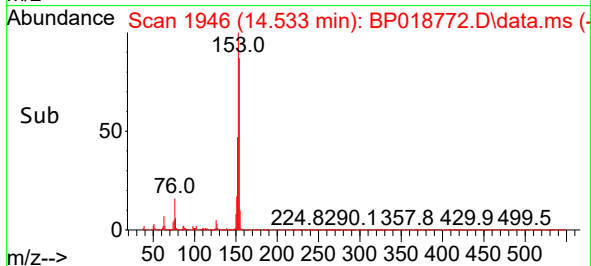
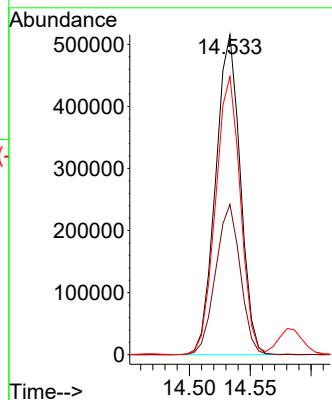
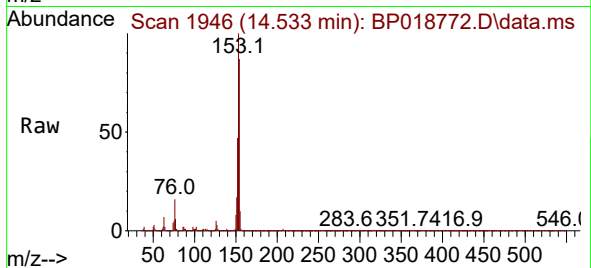
Tgt Ion:153 Resp: 726680

Ion Ratio Lower Upper

153 100

152 47.0 38.1 57.1

154 87.0 71.7 107.5



#53

2,4-Dinitrophenol

Concen: 19.953 ng/ul

RT: 14.580 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

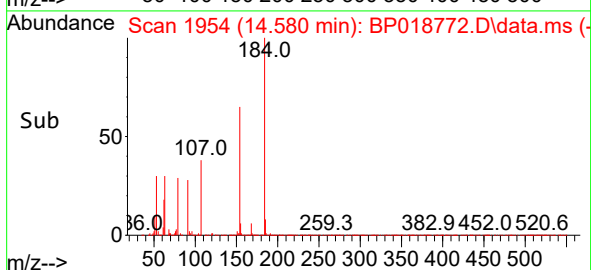
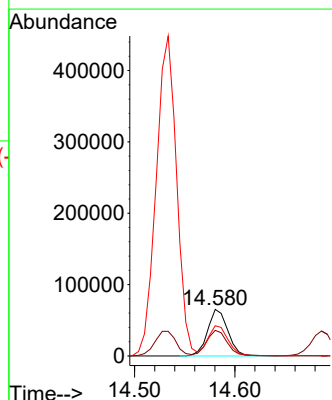
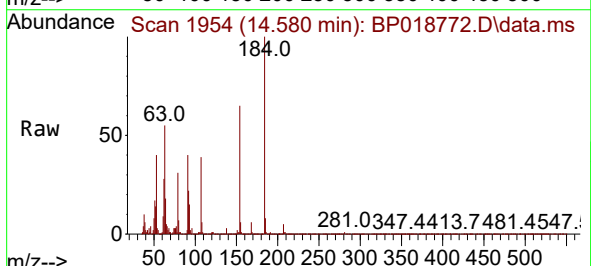
Tgt Ion:184 Resp: 91451

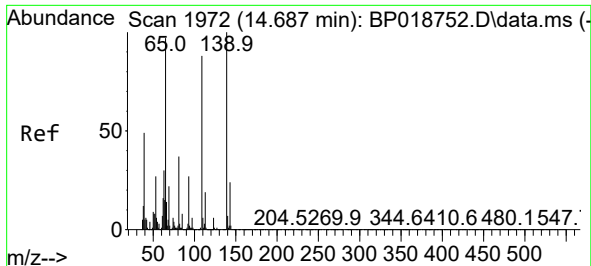
Ion Ratio Lower Upper

184 100

63 55.1 48.2 72.4

154 65.0 49.1 73.7

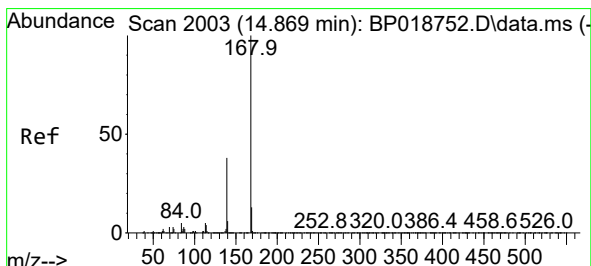
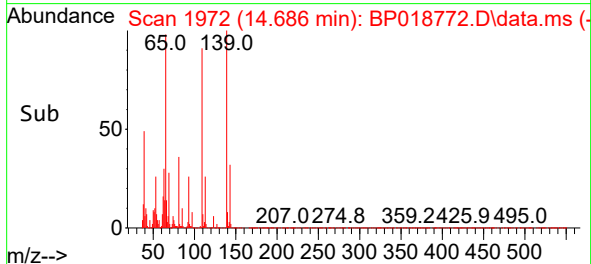
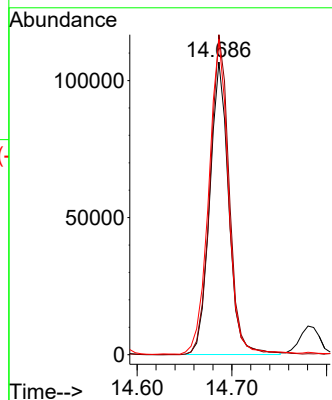
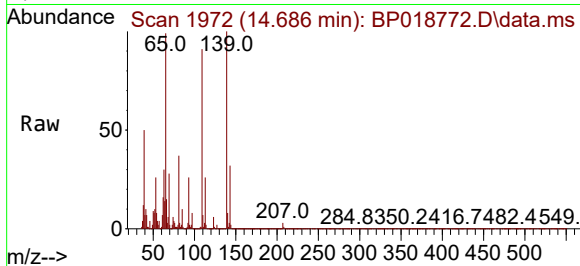




#55
4-Nitrophenol
Concen: 25.670 ng/ul
RT: 14.686 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

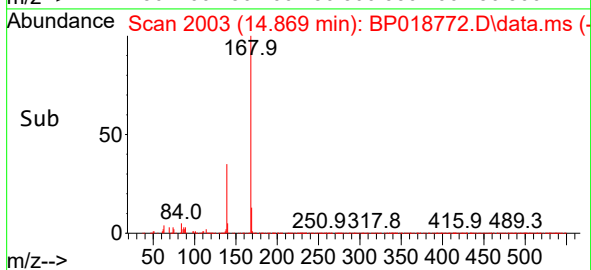
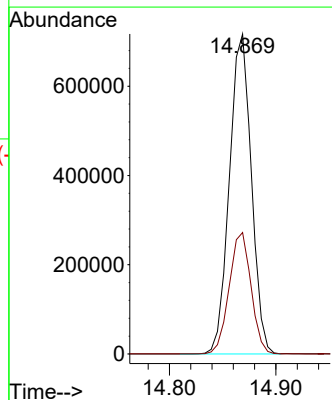
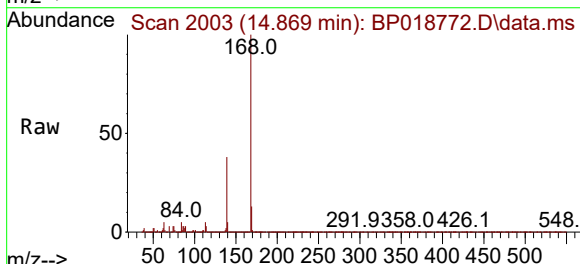
Instrument :
BNA_P
ClientSampleId :

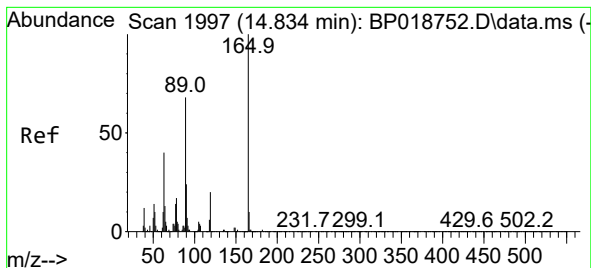
Tgt Ion:109 Resp: 148031
Ion Ratio Lower Upper
109 100
139 109.4 109.0 163.4
65 107.8 106.2 159.4



#56
Dibenzofuran
Concen: 19.404 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:168 Resp: 1026557
Ion Ratio Lower Upper
168 100
139 37.9 29.1 43.7

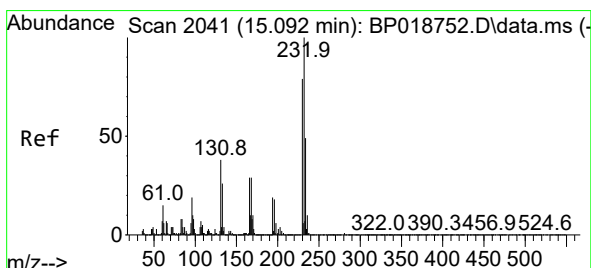
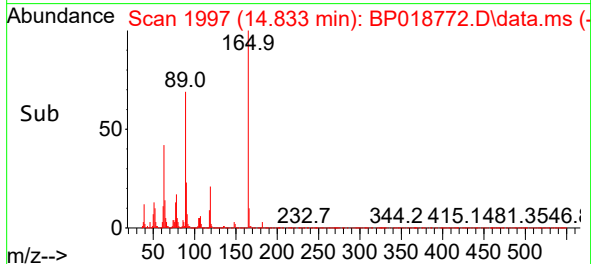
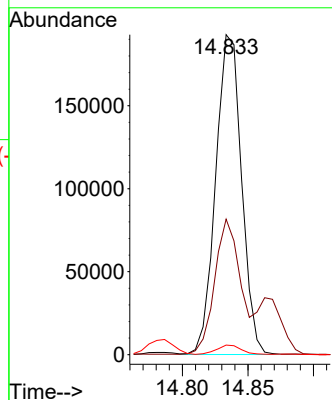
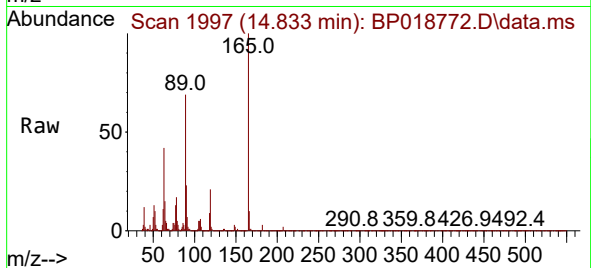




#57
2,4-Dinitrotoluene
Concen: 21.748 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

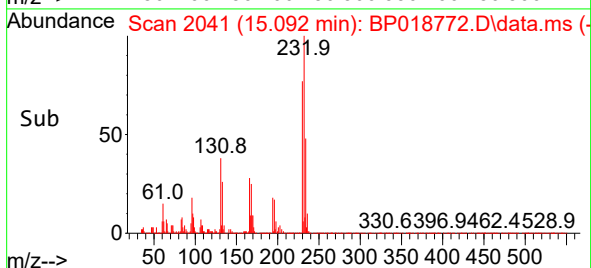
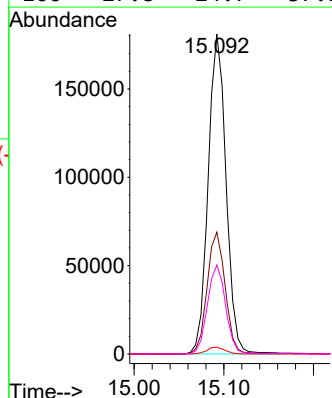
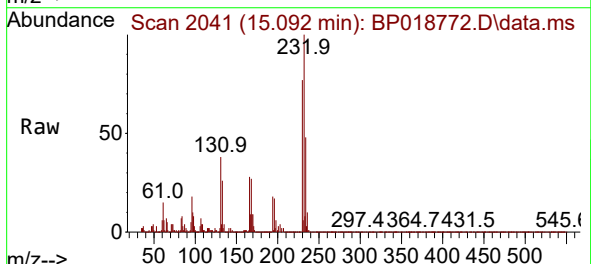
Instrument :
BNA_P
ClientSampleId :

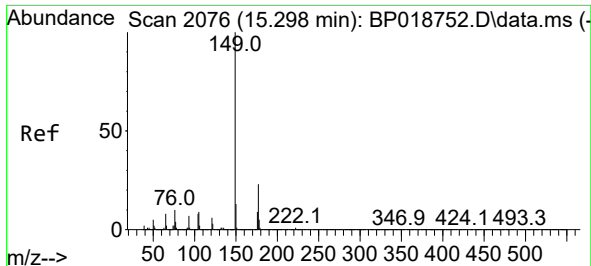
Tgt Ion:165 Resp: 264555
Ion Ratio Lower Upper
165 100
63 42.4 32.7 49.1
182 3.0 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.643 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

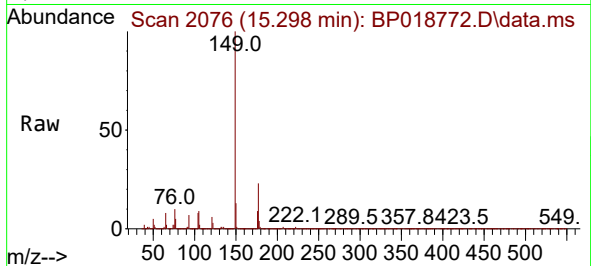
Tgt Ion:232 Resp: 250392
Ion Ratio Lower Upper
232 100
131 38.1 33.8 50.8
130 2.1 1.8 2.8
166 27.8 24.7 37.1



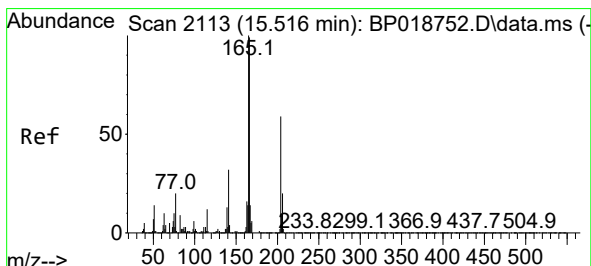
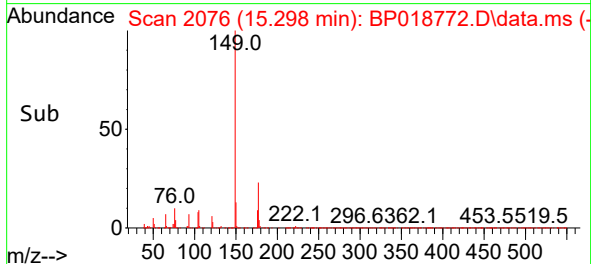
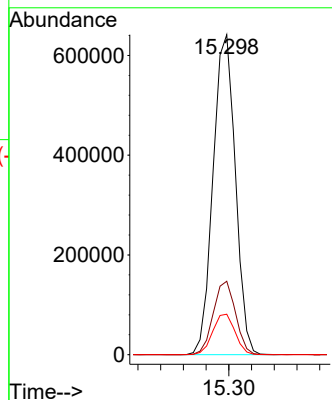


#59
Diethylphthalate
Concen: 19.545 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Instrument :
BNA_P
ClientSampleId :

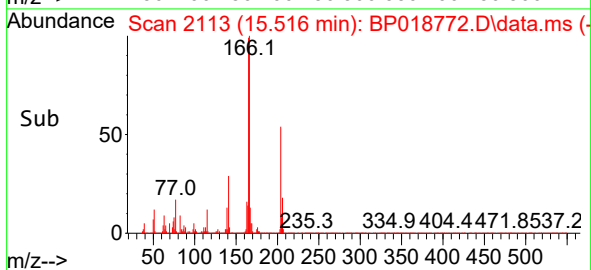
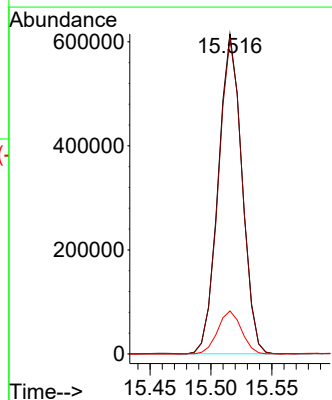
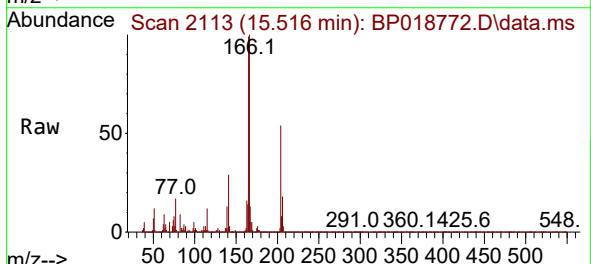


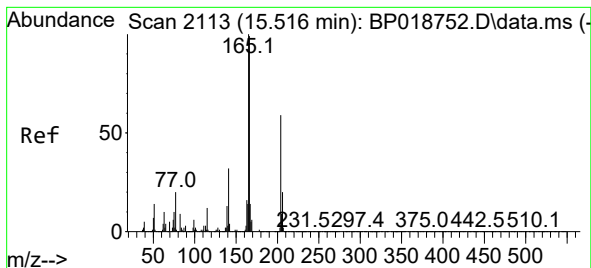
Tgt Ion:149 Resp: 875452
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.7 9.9 14.9



#61
Fluorene
Concen: 19.878 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:166 Resp: 832118
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 13.5 10.8 16.2

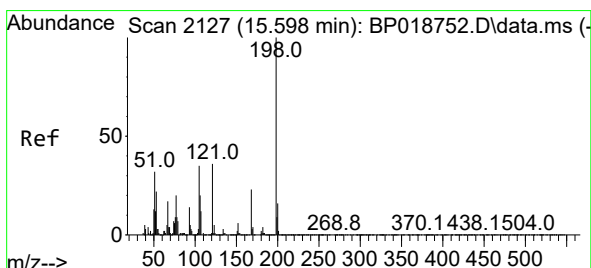
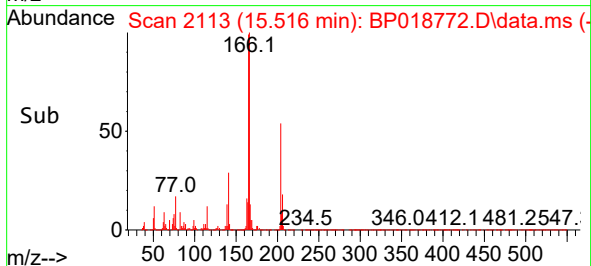
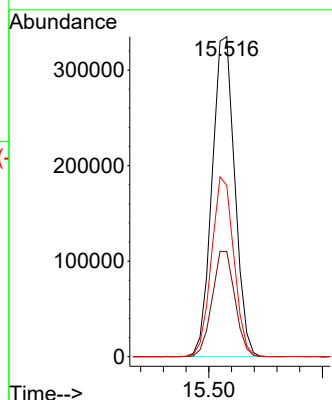
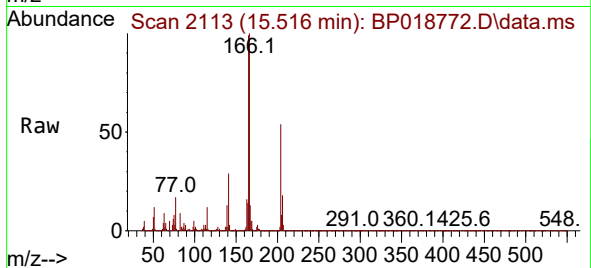




#62
4-Chlorophenyl-phenylether
Concen: 21.171 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

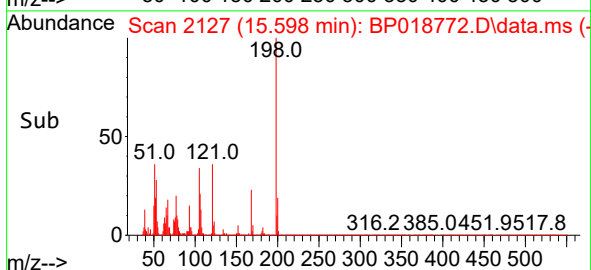
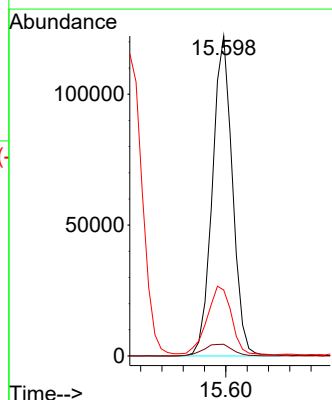
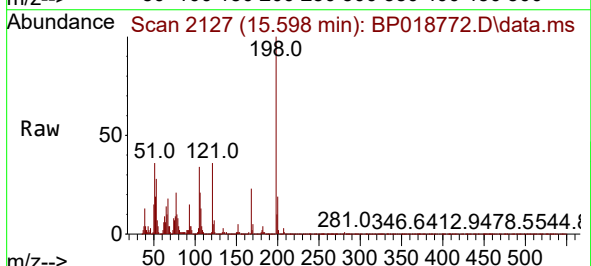
Instrument :
BNA_P
ClientSampleId :

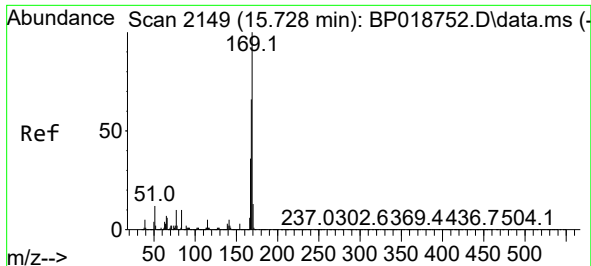
Tgt Ion:204 Resp: 464815
Ion Ratio Lower Upper
204 100
206 32.8 27.1 40.7
141 53.5 45.8 68.8



#66
4,6-Dinitro-2-methylphenol
Concen: 20.020 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:198 Resp: 159780
Ion Ratio Lower Upper
198 100
182 3.7 3.4 5.2
77 20.6 20.6 30.8

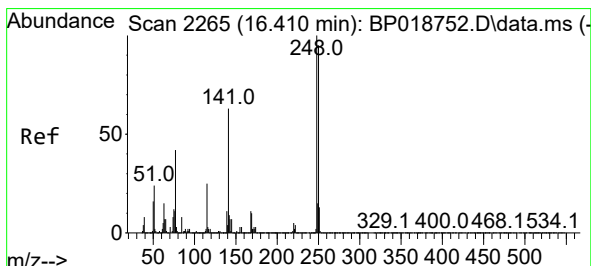
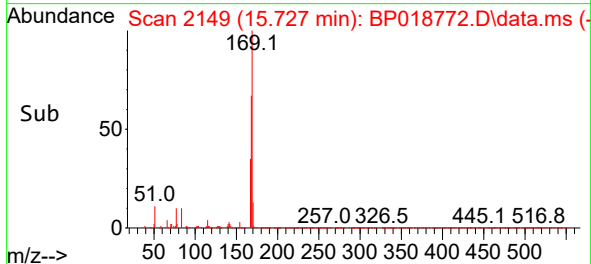
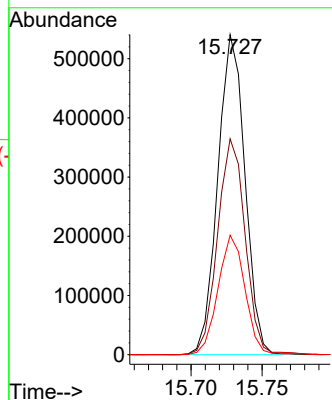
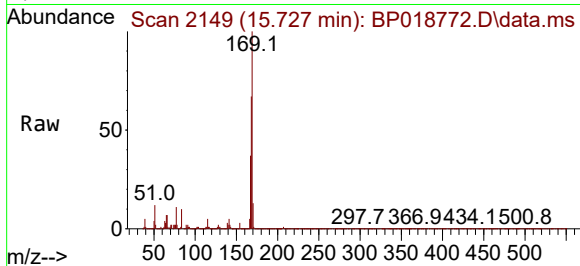




#67
N-Nitrosodiphenylamine
Concen: 17.414 ng/ul
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

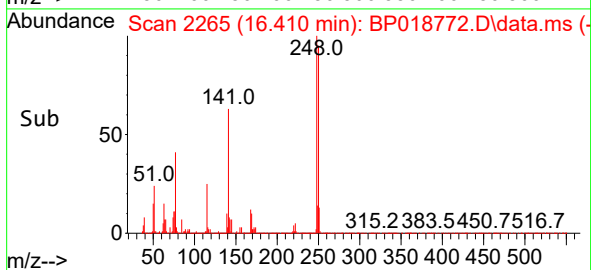
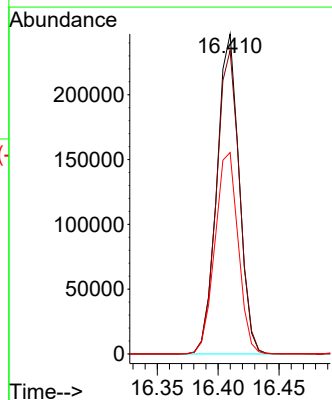
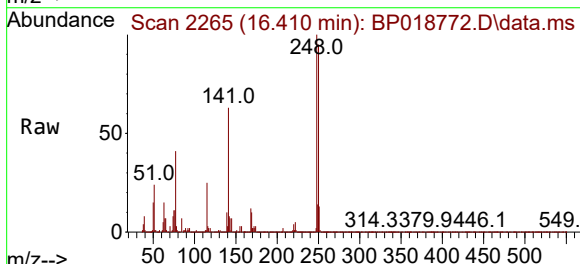
Instrument :
BNA_P
ClientSampleId :

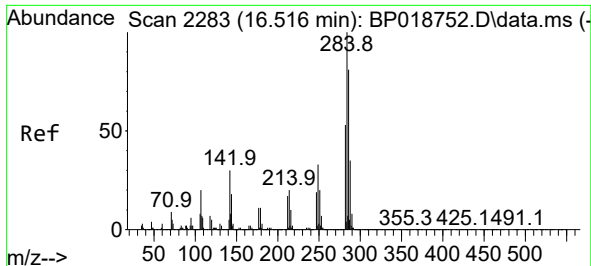
Tgt Ion:169 Resp: 718418
Ion Ratio Lower Upper
169 100
168 67.4 53.1 79.7
167 37.3 29.1 43.7



#68
4-Bromophenyl-phenylether
Concen: 19.974 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:248 Resp: 313931
Ion Ratio Lower Upper
248 100
250 94.9 79.3 118.9
141 62.9 57.2 85.8

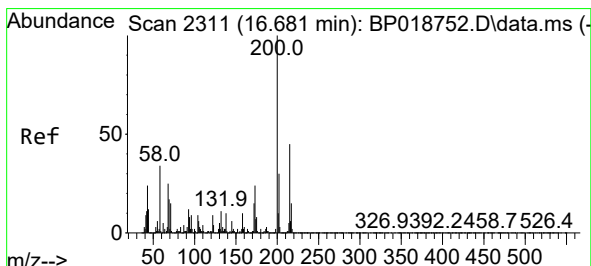
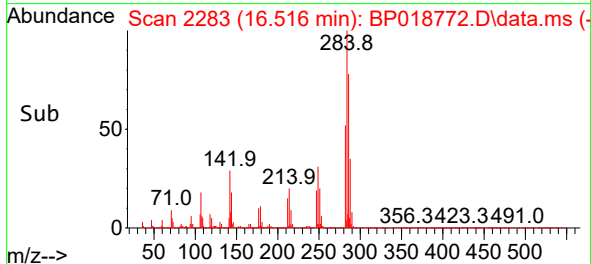
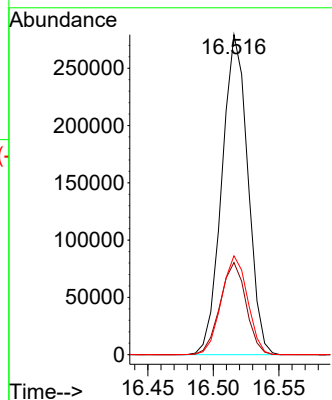
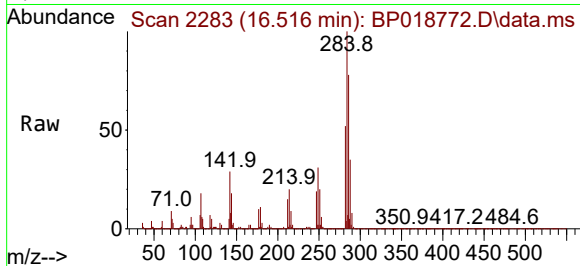




#69
Hexachlorobenzene
Concen: 21.923 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

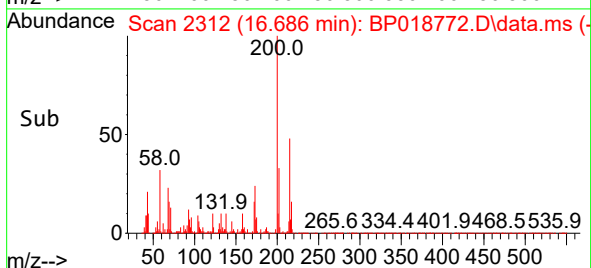
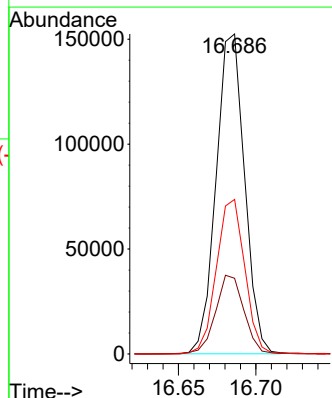
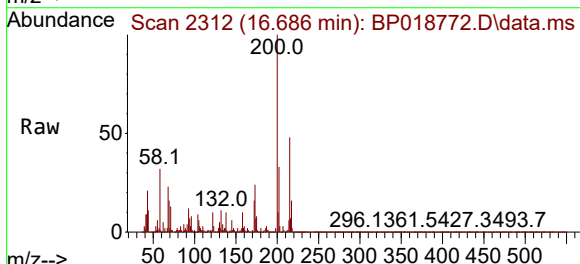
Instrument :
BNA_P
ClientSampleId :

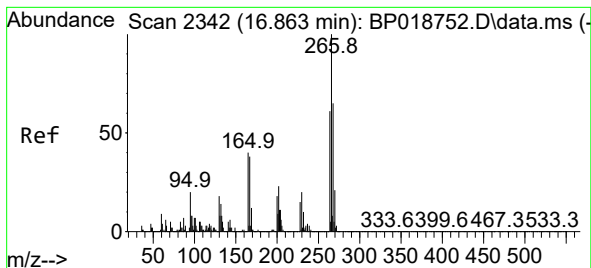
Tgt Ion:284 Resp: 384711
Ion Ratio Lower Upper
284 100
142 28.8 25.8 38.6
249 30.9 24.9 37.3



#70
Atrazine
Concen: 15.901 ng/ul
RT: 16.686 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:200 Resp: 195027
Ion Ratio Lower Upper
200 100
173 23.6 21.0 31.4
215 48.3 38.2 57.2





#71

Pentachlorophenol

Concen: 22.400 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. -0.006 min

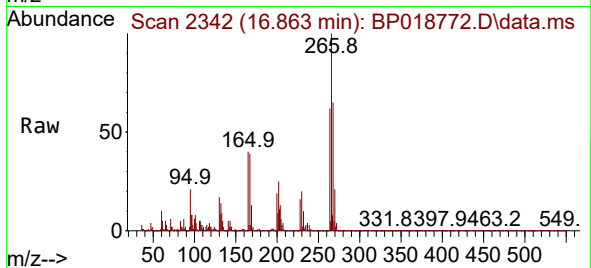
Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :



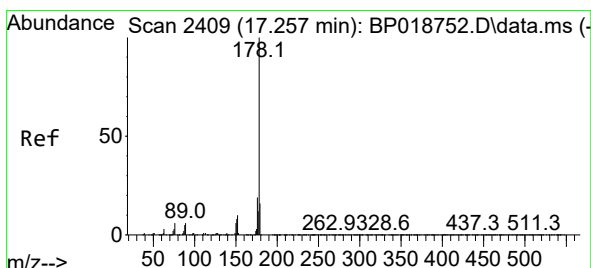
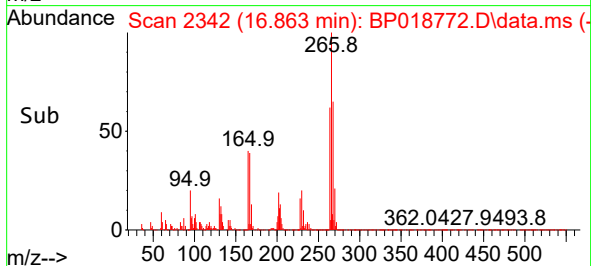
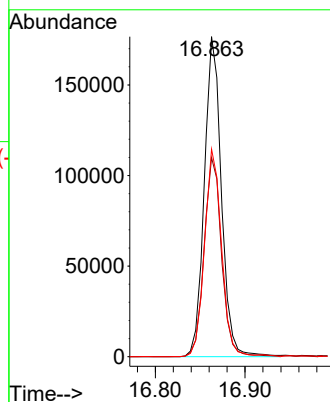
Tgt Ion:266 Resp: 233778

Ion Ratio Lower Upper

266 100

264 62.2 50.2 75.2

268 64.9 50.5 75.7



#72

Phenanthrene

Concen: 18.694 ng/ul

RT: 17.257 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

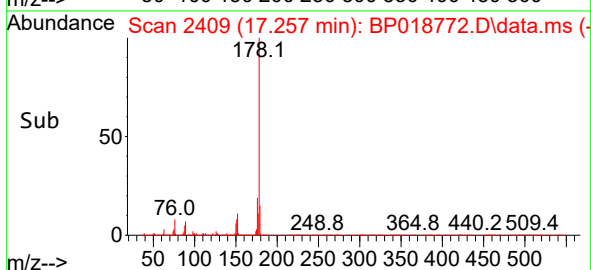
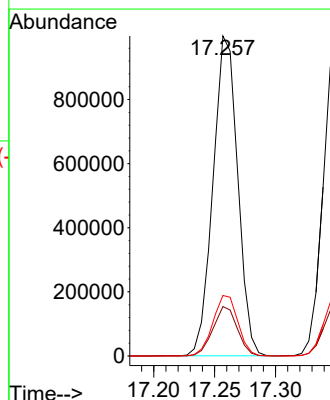
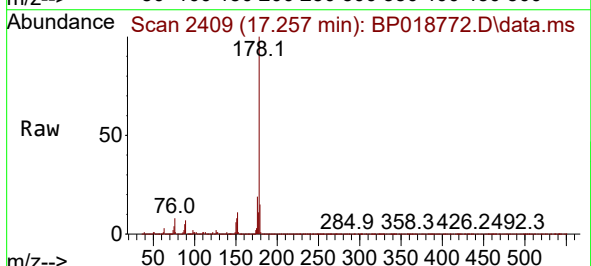
Tgt Ion:178 Resp: 1405632

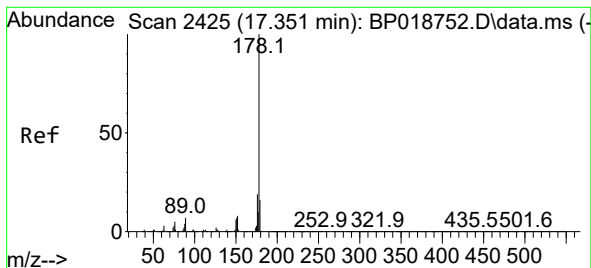
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.9 15.4 23.2





#74

Anthracene

Concen: 18.823 ng/uI

RT: 17.351 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

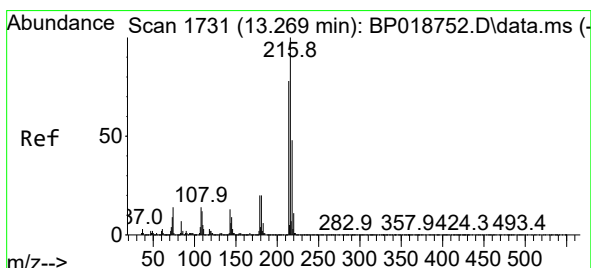
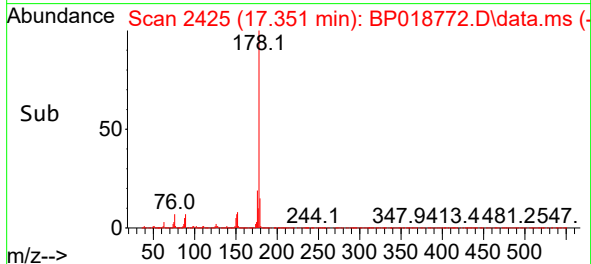
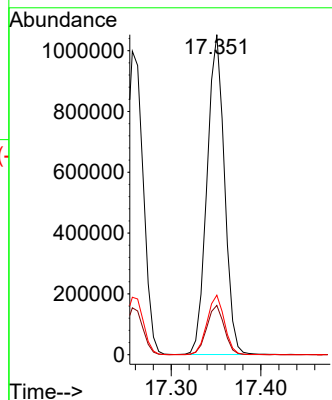
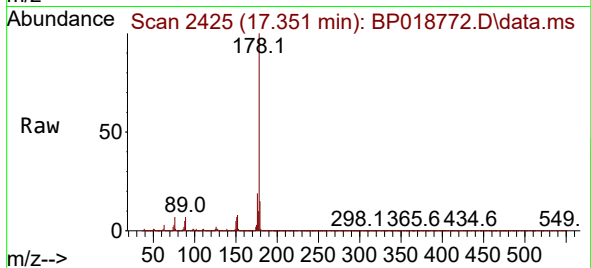
Tgt Ion:178 Resp: 1418655

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.6 15.0 22.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.709 ng/uI

RT: 13.269 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

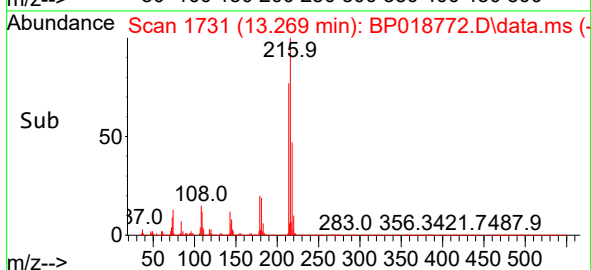
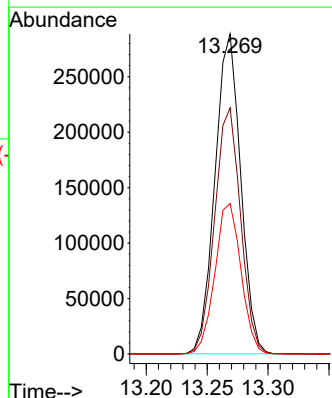
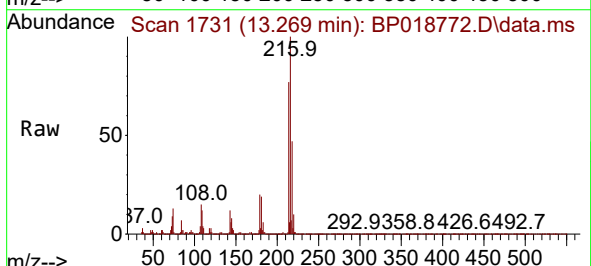
Tgt Ion:216 Resp: 424264

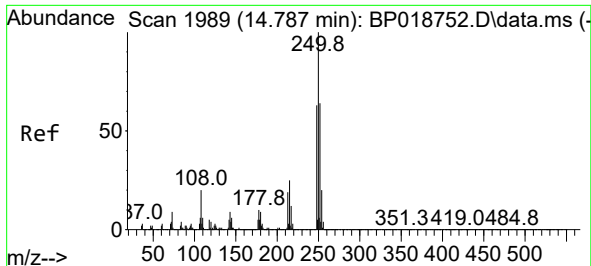
Ion Ratio Lower Upper

216 100

214 76.9 61.4 92.2

218 47.0 39.2 58.8

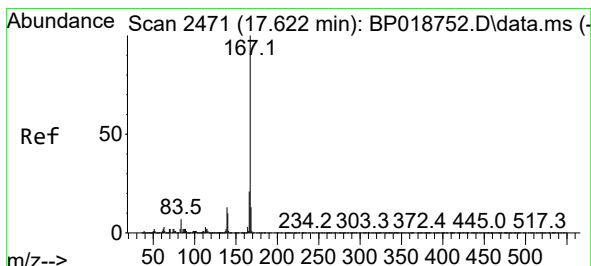
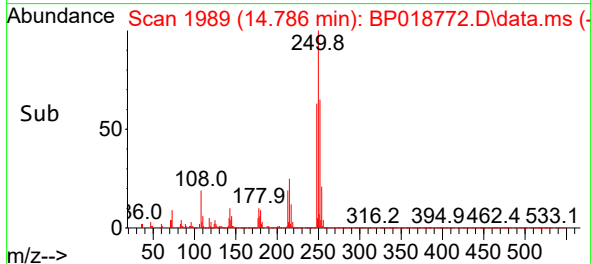
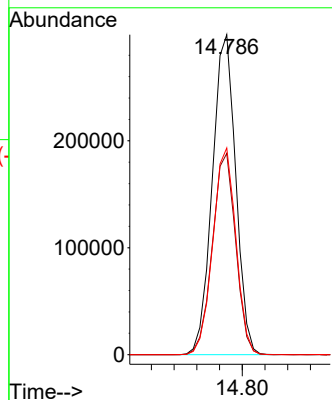
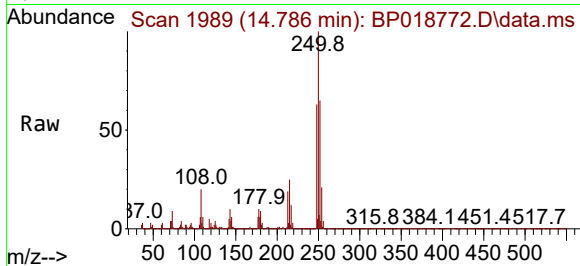




#76
Pentachlorobenzene
Concen: 20.238 ng/uL
RT: 14.786 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

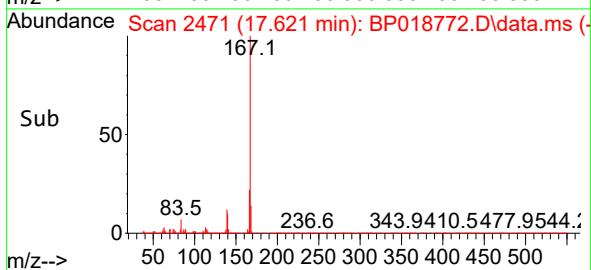
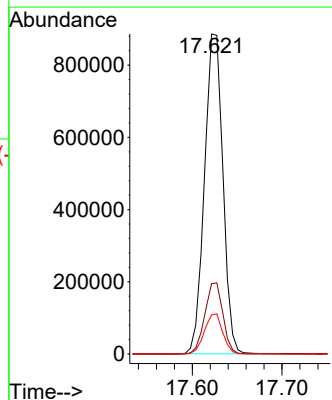
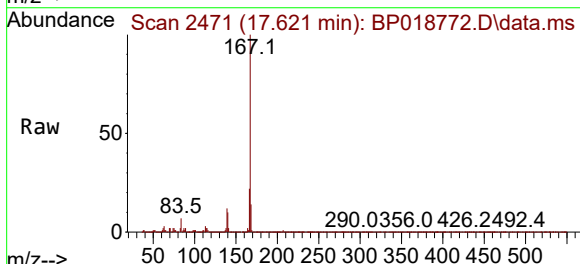
Instrument :
BNA_P
ClientSampleId :

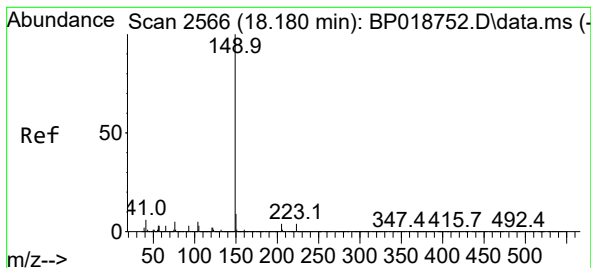
Tgt Ion:250 Resp: 427951
Ion Ratio Lower Upper
250 100
248 62.9 50.6 75.8
252 64.6 51.3 76.9



#77
Carbazole
Concen: 21.095 ng/uL
RT: 17.621 min Scan# 2471
Delta R.T. -0.006 min
Lab File: BP018772.D
Acq: 12 Dec 2023 18:01

Tgt Ion:167 Resp: 1267119
Ion Ratio Lower Upper
167 100
166 22.0 17.1 25.7
139 12.2 10.2 15.4





#78

Di-n-butylphthalate

Concen: 19.065 ng/ul

RT: 18.180 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

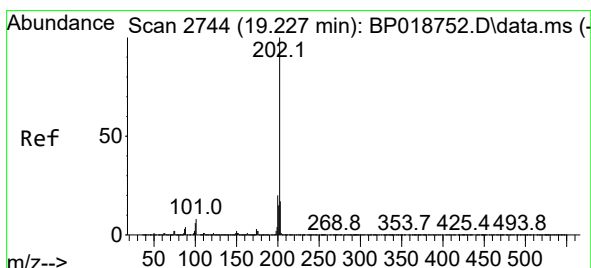
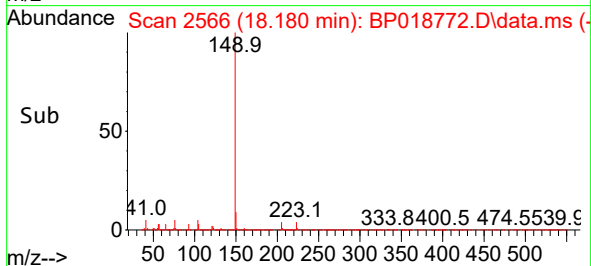
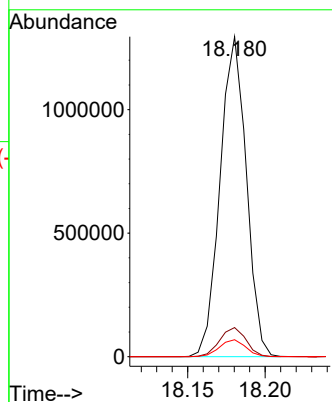
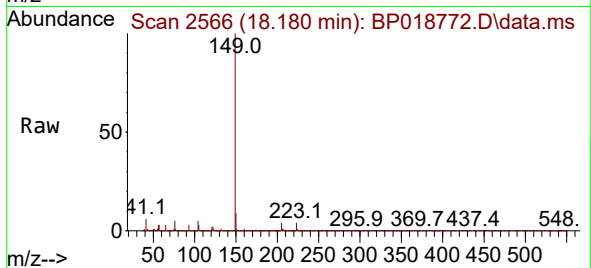
Tgt Ion:149 Resp: 1524861

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.3 3.9 5.9



#80

Fluoranthene

Concen: 14.633 ng/ul

RT: 19.227 min Scan# 2744

Delta R.T. -0.006 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

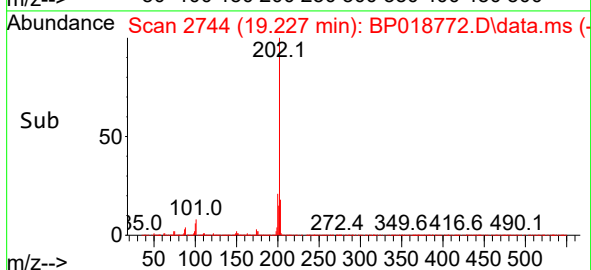
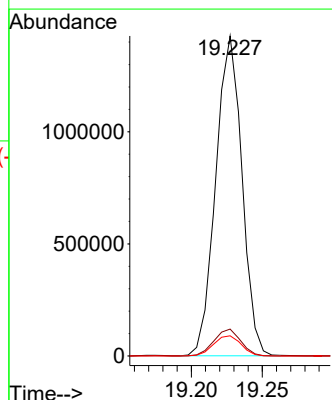
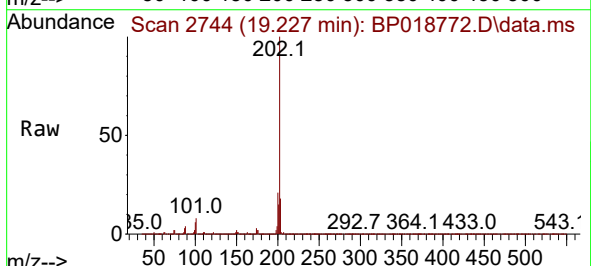
Tgt Ion:202 Resp: 1832664

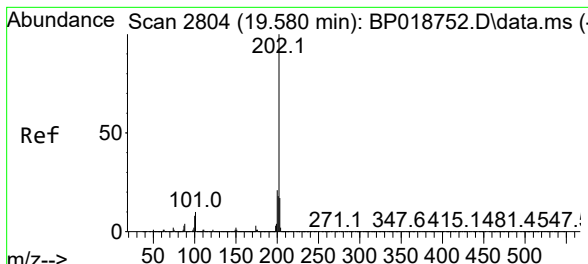
Ion Ratio Lower Upper

202 100

101 8.4 9.1 13.7#

100 6.3 7.1 10.7#



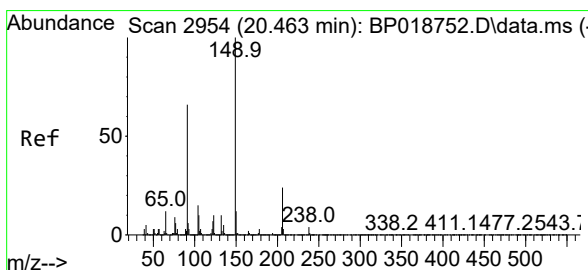
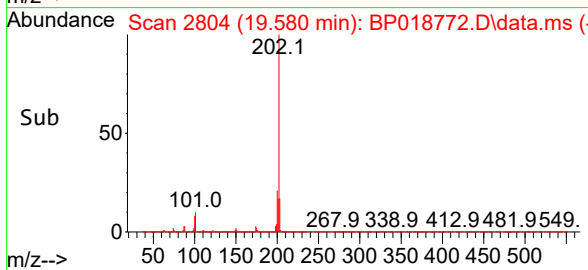
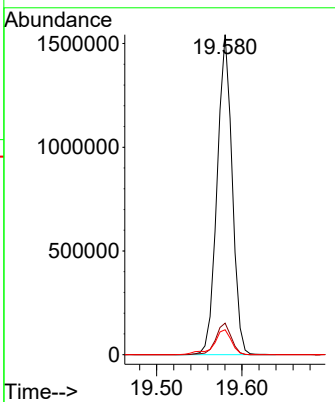
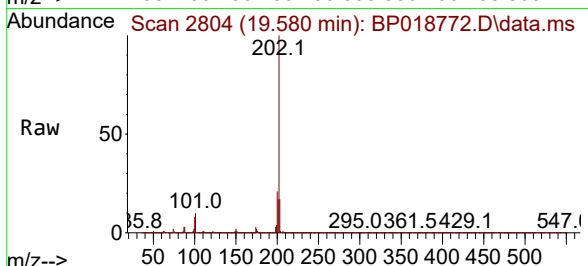


#82
 Pyrene
 Concen: 14.941 ng/ul
 RT: 19.580 min Scan# 2804
 Delta R.T. -0.006 min
 Lab File: BP018772.D
 Acq: 12 Dec 2023 18:01

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:202 Resp: 1887682

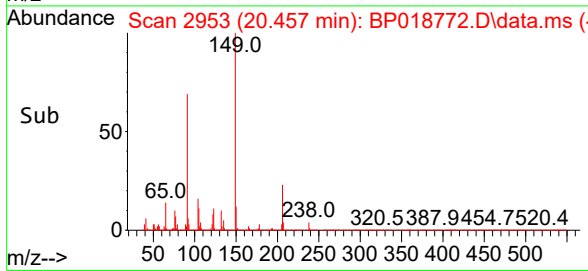
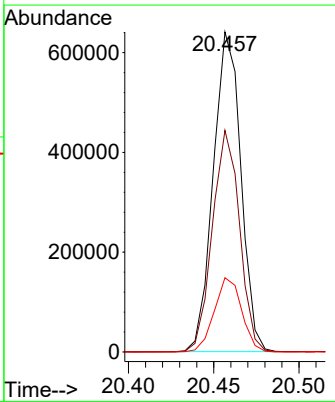
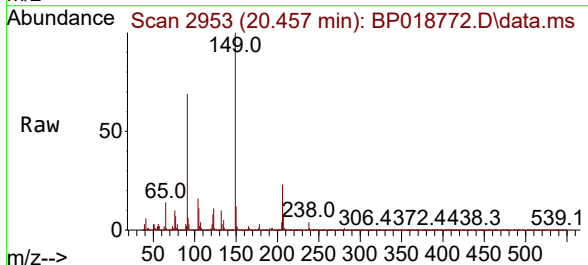
Ion	Ratio	Lower	Upper
202	100		
101	9.9	11.0	16.4#
100	7.8	9.1	13.7#

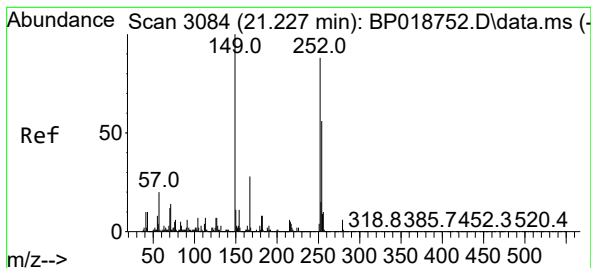


#83
 Butylbenzylphthalate
 Concen: 15.610 ng/ul
 RT: 20.457 min Scan# 2953
 Delta R.T. -0.006 min
 Lab File: BP018772.D
 Acq: 12 Dec 2023 18:01

Tgt Ion:149 Resp: 722008

Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.6	85.0
206	23.2	17.4	26.0





#84

3,3'-Dichlorobenzidine

Concen: 20.222 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

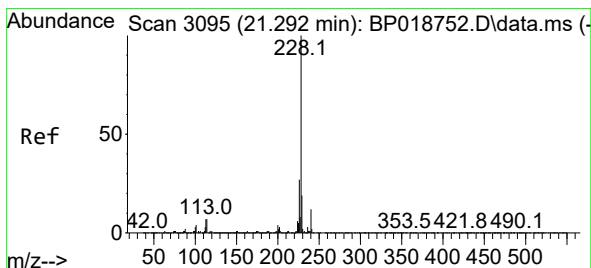
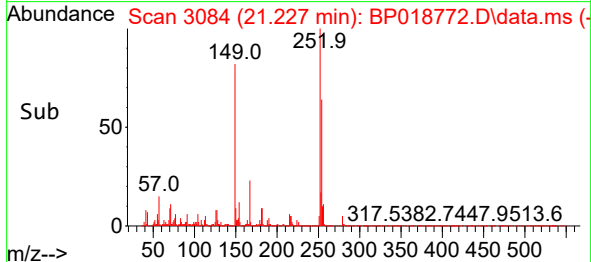
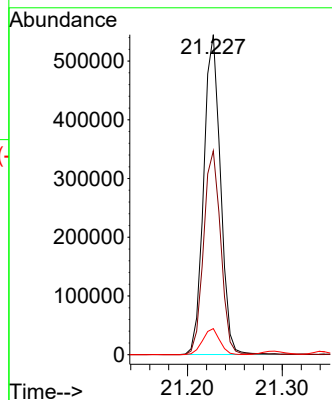
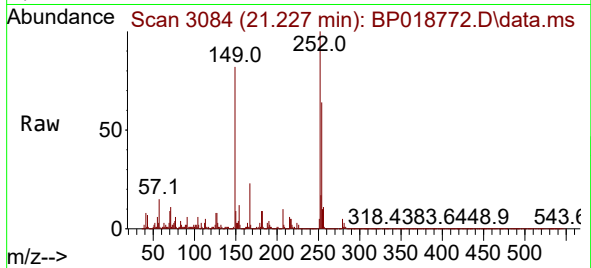
Tgt Ion:252 Resp: 668885

Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.4

126 8.2 7.8 11.6



#85

Benzo(a)anthracene

Concen: 18.700 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

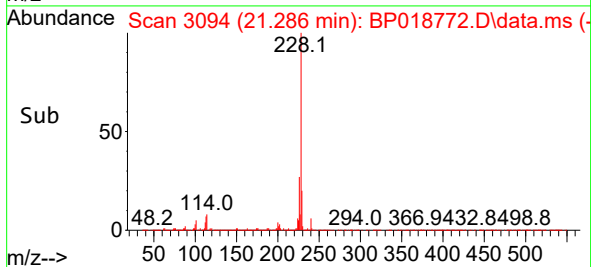
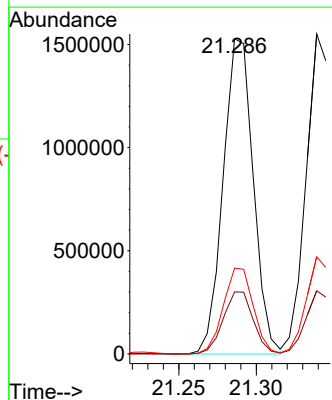
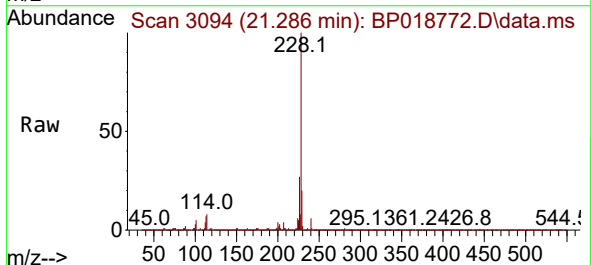
Tgt Ion:228 Resp: 2066036

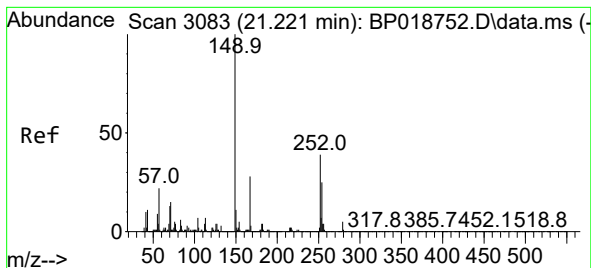
Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.2 21.9 32.9

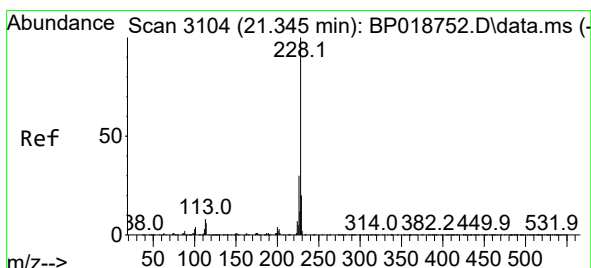
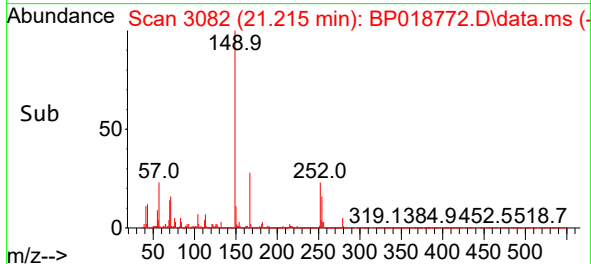
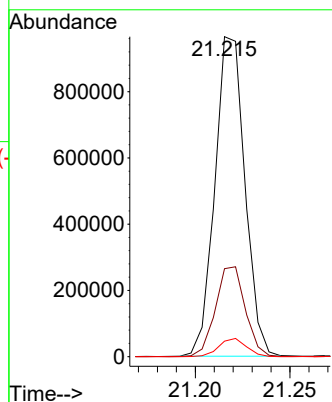
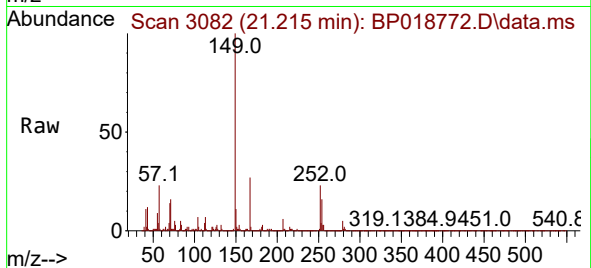




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 16.746 ng/ul
 RT: 21.215 min Scan# 3082
 Delta R.T. -0.012 min
 Lab File: BP018772.D
 Acq: 12 Dec 2023 18:01

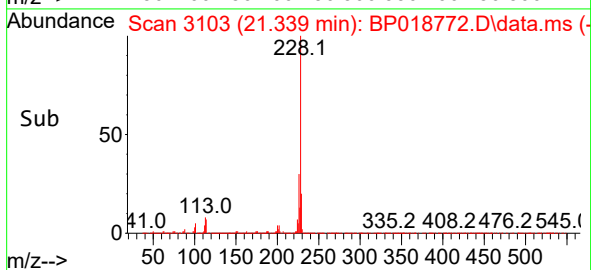
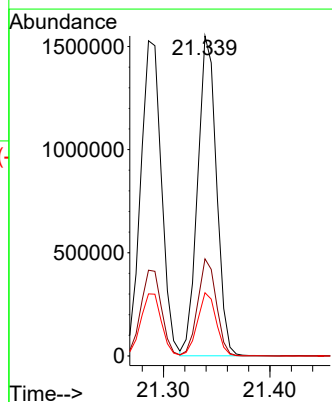
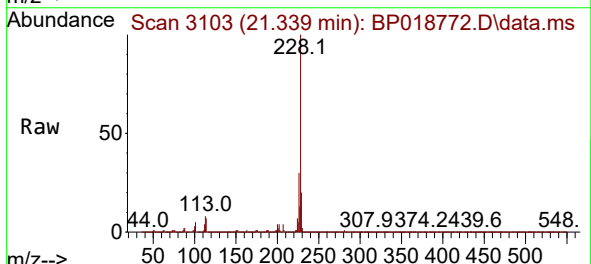
Instrument :
 BNA_P
 ClientSampleId :

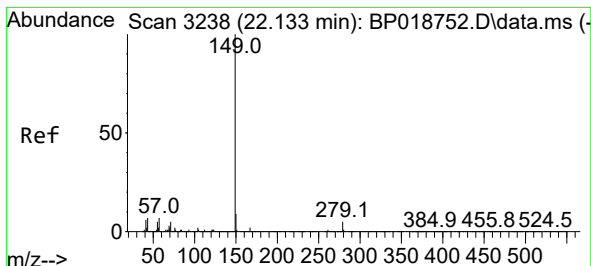
Tgt Ion:149 Resp: 1064629
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.2
 279 4.8 3.3 4.9



#87
 Chrysene
 Concen: 18.740 ng/ul
 RT: 21.339 min Scan# 3103
 Delta R.T. -0.012 min
 Lab File: BP018772.D
 Acq: 12 Dec 2023 18:01

Tgt Ion:228 Resp: 1906595
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.9 35.9
 229 19.7 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 15.712 ng/ul

RT: 22.127 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP018772.D

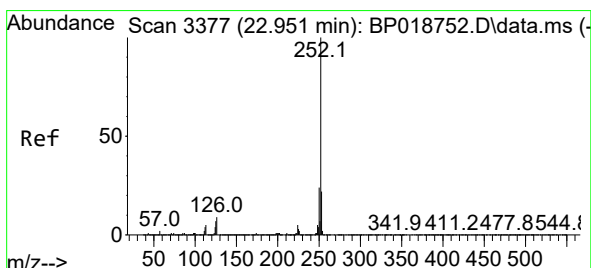
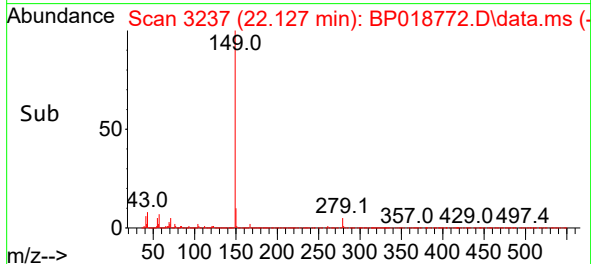
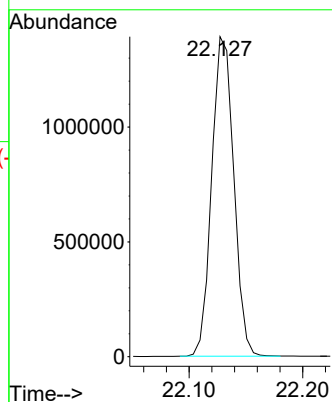
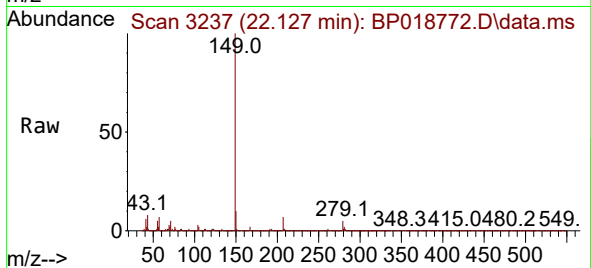
Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 1877010



#90

Benzo(b)fluoranthene

Concen: 17.826 ng/ul

RT: 22.945 min Scan# 3376

Delta R.T. -0.012 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

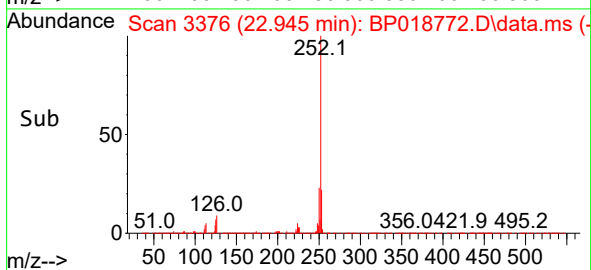
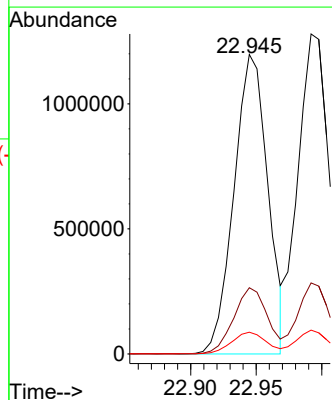
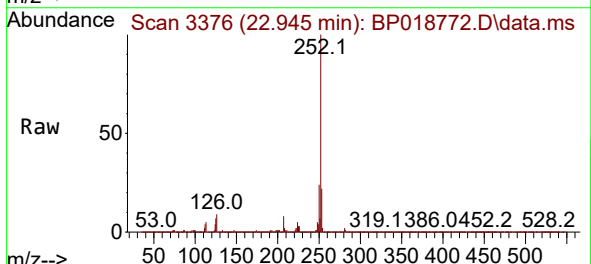
Tgt Ion:252 Resp: 2150555

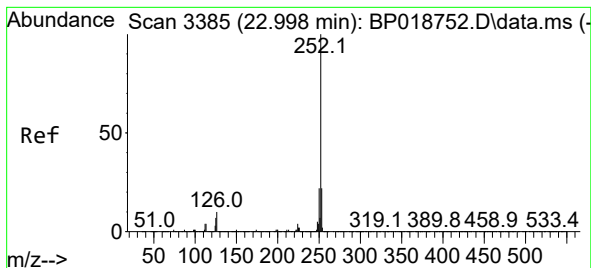
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 7.3 7.8 11.6#





#91

Benzo(k)fluoranthene

Concen: 18.400 ng/ul

RT: 22.992 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

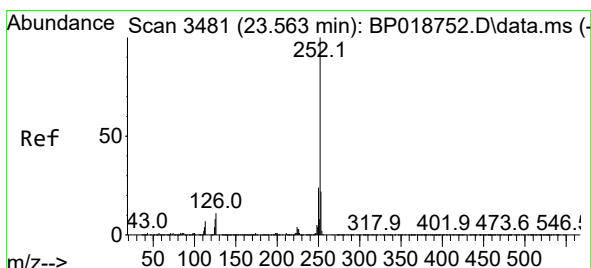
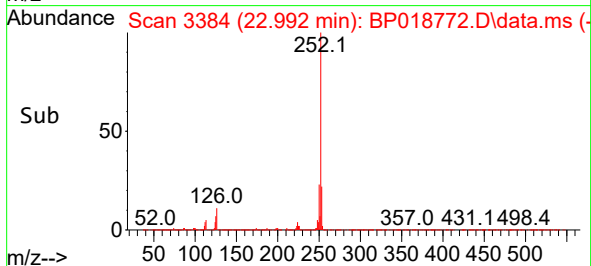
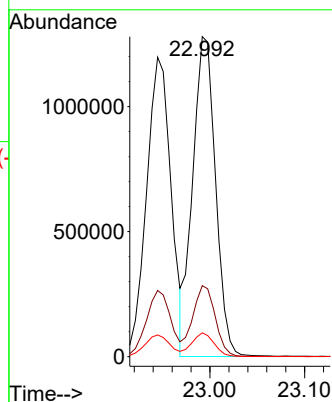
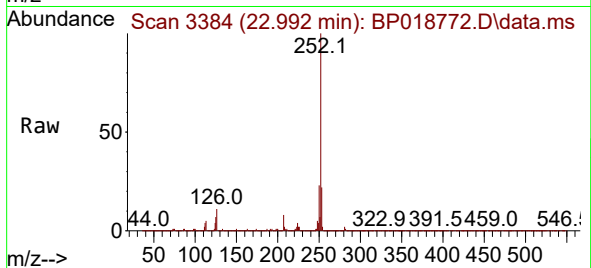
Tgt Ion:252 Resp: 2147694

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 7.5 8.0 12.0#



#93

Benzo(a)pyrene

Concen: 18.385 ng/ul

RT: 23.562 min Scan# 3481

Delta R.T. -0.012 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

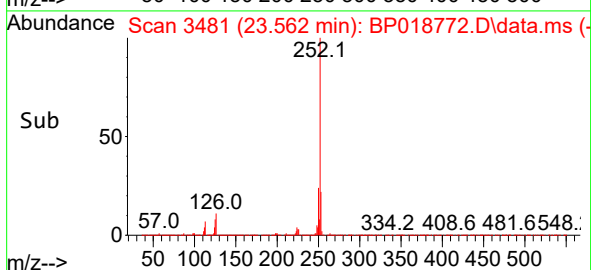
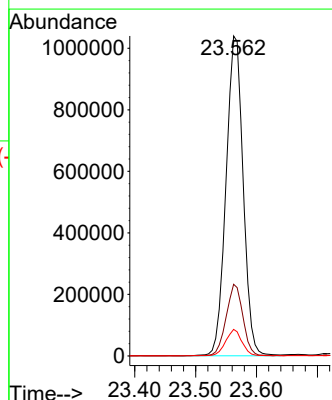
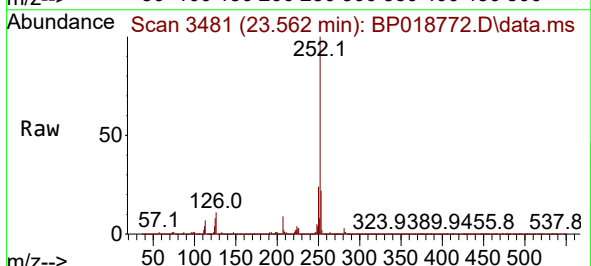
Tgt Ion:252 Resp: 2026635

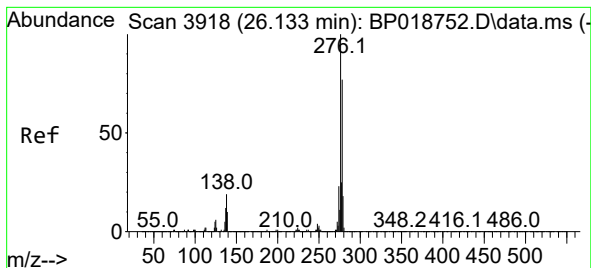
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.3 9.2 13.8#





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.584 ng/ul

RT: 26.127 min Scan# 3918

Delta R.T. -0.012 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :

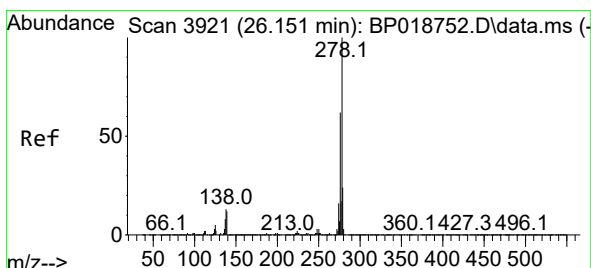
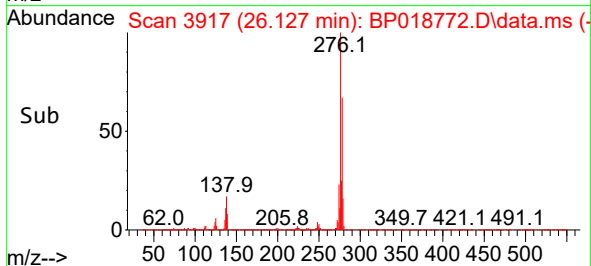
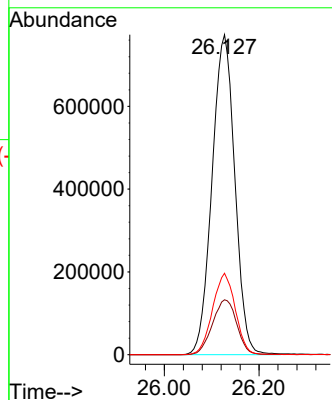
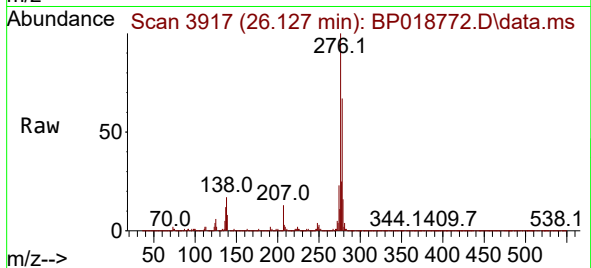
Tgt Ion:276 Resp: 2579346

Ion Ratio Lower Upper

276 100

138 17.2 19.4 29.2#

277 25.4 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 19.449 ng/ul

RT: 26.145 min Scan# 3920

Delta R.T. -0.018 min

Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

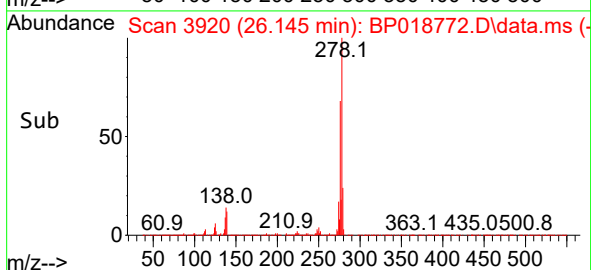
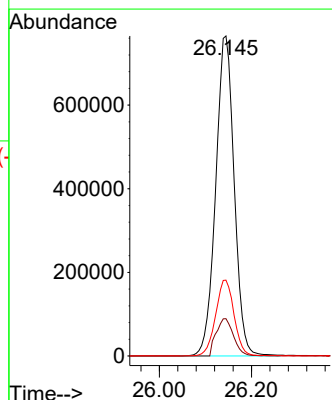
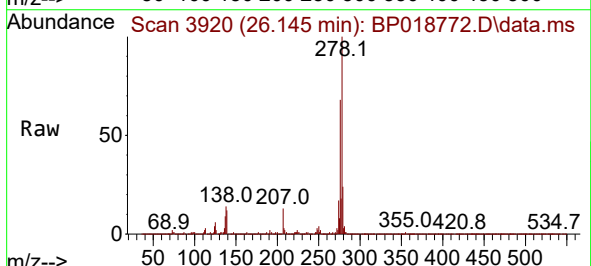
Tgt Ion:278 Resp: 2130884

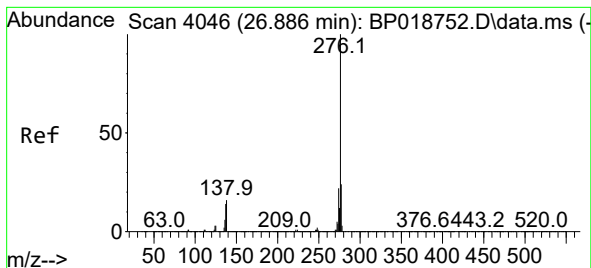
Ion Ratio Lower Upper

278 100

139 11.7 13.0 19.6#

279 23.7 18.7 28.1





#96

Benzo(g,h,i)perylene

Concen: 19.486 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. -0.024 min

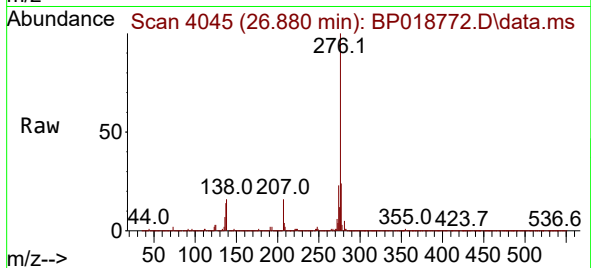
Lab File: BP018772.D

Acq: 12 Dec 2023 18:01

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 2065361

Ion Ratio Lower Upper

276 100

138 16.5 18.1 27.1#

277 23.8 19.4 29.0

