

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018769.D
 Acq On : 12 Dec 2023 15:45
 Operator : MA/JU
 Sample : PB157625BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 12 21:38:24 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	166554	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	636896	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	412610	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	980210	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.310	240	1076334	20.000	ng/ul	# 0.00
88) Perylene-d12	23.674	264	1217816	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26285	5.378	ng/uL	0.00
4) Pyridine-d5	3.681	84	336414	25.697	ng/ul	0.00
7) Phenol-d5	7.011	99	413992	24.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	239518	24.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	330780	25.362	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	321026	23.733	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	155272	27.392	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	169501	28.841	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	348853	29.029	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	401203	25.546	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1042582	28.311	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1115401	27.507	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	187117	30.955	ng/ul	0.00
60) Fluorene-d10	15.463	176	883087	28.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	181653	30.907	ng/ul	0.00
73) Anthracene-d10	17.316	188	1416234	27.483	ng/ul	0.00
81) Pyrene-d10	19.551	212	1891370	22.574	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.522	264	2137584	30.104	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	51812	9.667	ng/uL	97
5) Pyridine	3.699	79	342290	25.891	ng/ul	99
6) Benzaldehyde	6.981	77	211570	24.517	ng/ul	100
8) Phenol	7.040	94	418479	25.531	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.269	93	337123	25.044	ng/ul	99
12) 2-Chlorophenol	7.405	128	340000	25.758	ng/ul	99
13) 2-Methylphenol	8.287	108	310289	24.727	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	398835	23.350	ng/ul	98
16) Acetophenone	8.663	105	506642	25.132	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.652	70	243437	21.951	ng/ul	100
18) 4-Methylphenol	8.616	108	329587	24.053	ng/ul	99
19) Hexachloroethane	8.916	117	148257	27.398	ng/ul	84
22) Nitrobenzene	9.046	77	389388	28.253	ng/ul	99
23) Isophorone	9.569	82	702285	24.992	ng/ul	98
25) 2-Nitrophenol	9.752	139	183902	29.225	ng/ul#	92
26) 2,4-Dimethylphenol	9.816	107	266995	21.695	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.058	93	436627	24.612	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	340432	29.411	ng/ul	97
30) Naphthalene	10.687	128	1035116	26.791	ng/ul	99
32) 4-Chloroaniline	10.799	127	330985	22.112	ng/ul	98
33) Hexachlorobutadiene	10.969	225	271663	35.044	ng/ul	98
34) Caprolactam	11.581	113	79759	22.472	ng/ul	85
35) 4-Chloro-3-methylphenol	11.928	107	350814	27.054	ng/ul	100
36) 2-Methylnaphthalene	12.293	142	717646	26.219	ng/ul	99

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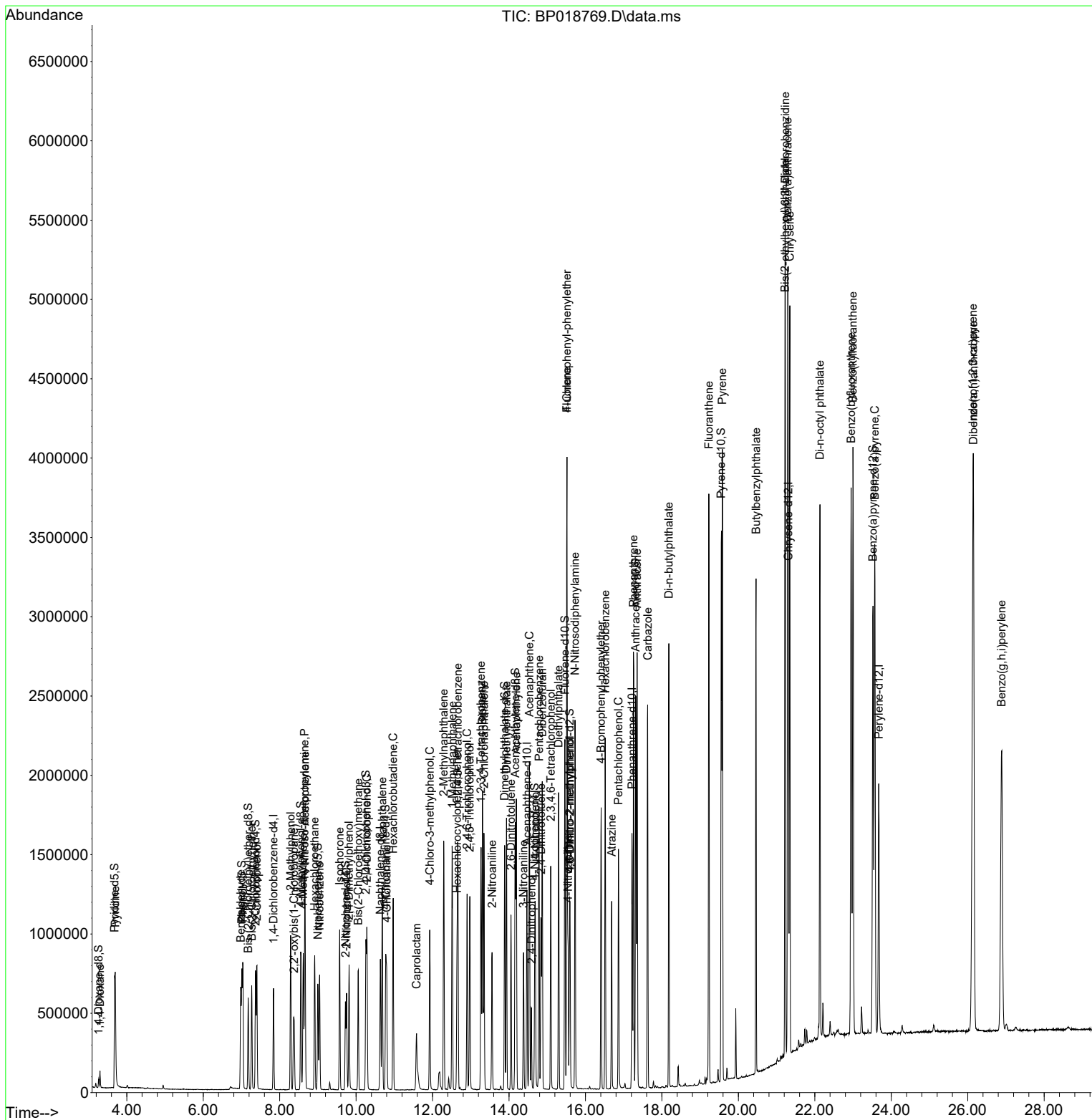
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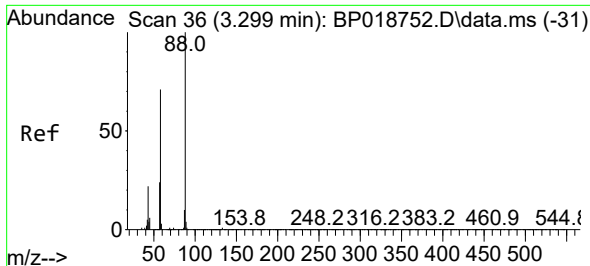
Quant Time: Dec 12 21:38:24 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	704668	25.492	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.663	216	477782	31.916	ng/ul	97
40) Hexachlorocyclopentadiene	12.640	237	226380	25.513	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	291036	30.221	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	323410	30.977	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	966121	27.074	ng/ul	99
44) 2-Chloronaphthalene	13.346	162	790722	28.055	ng/ul	99
45) 2-Nitroaniline	13.557	65	223072	29.196	ng/ul	98
47) Dimethylphthalate	13.934	163	1055420	29.115	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	213293	31.144	ng/ul	98
50) Acenaphthylene	14.193	152	1244585	27.299	ng/ul	99
51) 3-Nitroaniline	14.381	138	203822	29.813	ng/ul	98
52) Acenaphthene	14.534	153	836331	27.744	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	118329	32.600	ng/ul	92
55) 4-Nitrophenol	14.687	109	178924	39.178	ng/ul#	77
56) Dibenzofuran	14.869	168	1194830	28.519	ng/ul	98
57) 2,4-Dinitrotoluene	14.840	165	320848	33.305	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.093	232	285624	32.615	ng/ul	95
59) Diethylphthalate	15.298	149	1049812	29.595	ng/ul	100
61) Fluorene	15.516	166	977374	29.482	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	542794	31.219	ng/ul	96
63) 4-Nitroaniline	15.545	138	220730	33.891	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.598	198	200938	31.978	ng/ul#	92
67) N-Nitrosodiphenylamine	15.728	169	851190	26.206	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	373251	30.162	ng/ul	95
69) Hexachlorobenzene	16.516	284	458234	33.166	ng/ul	97
70) Atrazine	16.687	200	231089	23.930	ng/ul	98
71) Pentachlorophenol	16.863	266	268291	32.651	ng/ul	99
72) Phenanthrene	17.257	178	1683396	28.436	ng/ul	99
74) Anthracene	17.351	178	1655453	27.897	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	478968	28.260	ng/ul	100
76) Pentachlorobenzene	14.787	250	496979	29.851	ng/ul	99
77) Carbazole	17.628	167	1545730	32.683	ng/ul	100
78) Di-n-butylphthalate	18.181	149	1857178	29.491	ng/ul	99
80) Fluoranthene	19.228	202	2229539	22.512	ng/ul#	93
82) Pyrene	19.581	202	2289049	22.911	ng/ul#	92
83) Butylbenzylphthalate	20.463	149	893271	24.422	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.228	252	795449	30.412	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2506953	28.695	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	1308810	26.035	ng/ul#	99
87) Chrysene	21.345	228	2312228	28.740	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2327581	26.177	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2659947	29.624	ng/ul#	98
91) Benzo(k)fluoranthene	22.998	252	2595762	29.878	ng/ul#	98
93) Benzo(a)pyrene	23.569	252	2480213	30.230	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.139	276	3126964	31.899	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.151	278	2604607	31.941	ng/ul#	95
96) Benzo(g,h,i)perylene	26.886	276	2522324	31.973	ng/ul#	93

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

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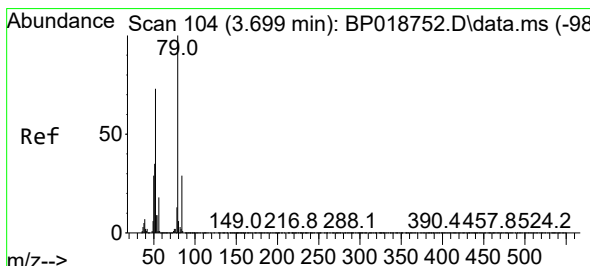
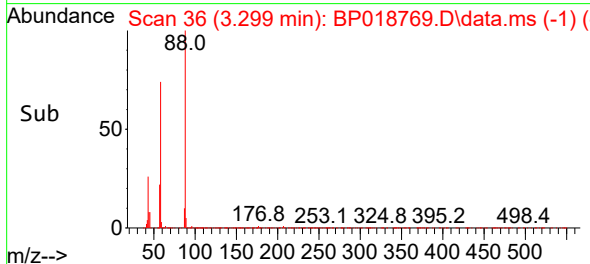
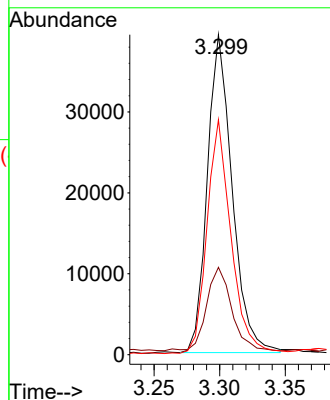
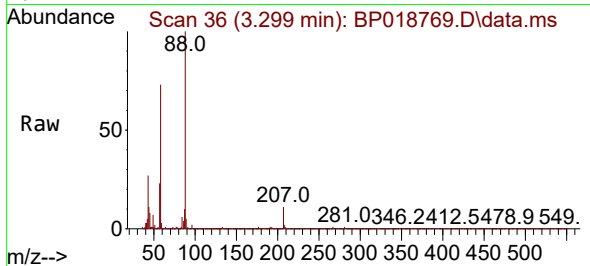




#2
1,4-Dioxane
Concen: 9.667 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

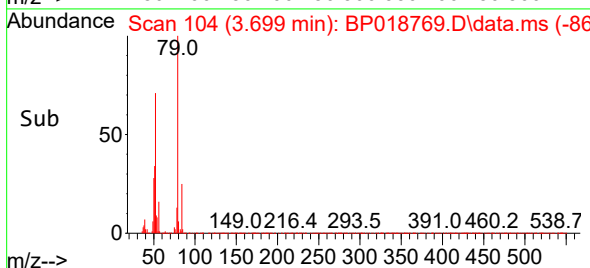
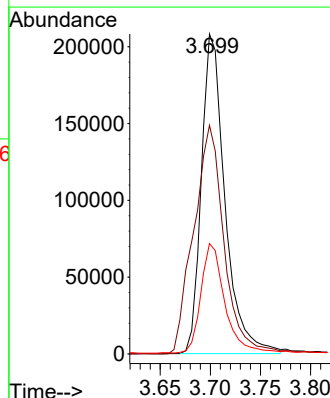
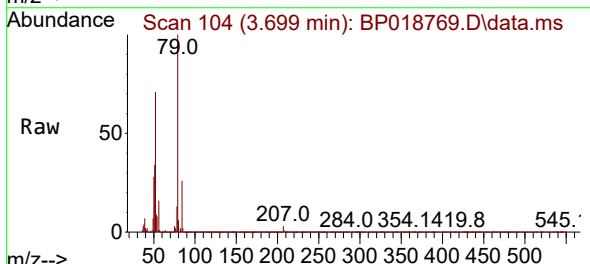
Instrument :
BNA_P
ClientSampleId :

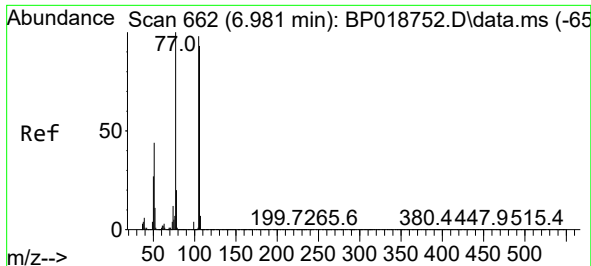
Tgt Ion: 88 Resp: 51812
Ion Ratio Lower Upper
88 100
43 27.3 21.8 32.6
58 73.4 56.5 84.7



#5
Pyridine
Concen: 25.891 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion: 79 Resp: 342290
Ion Ratio Lower Upper
79 100
52 71.5 57.4 86.0
51 34.5 26.2 39.4

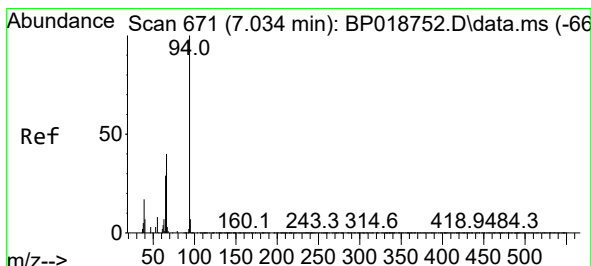
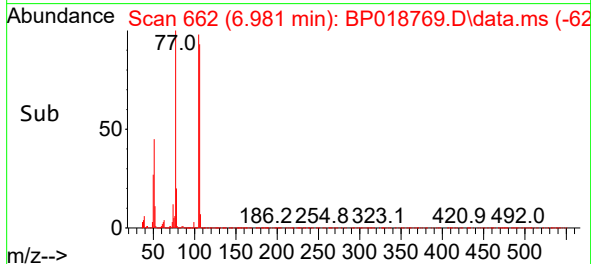
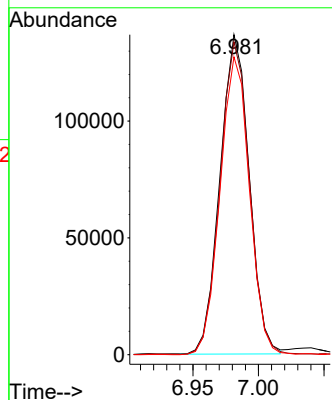
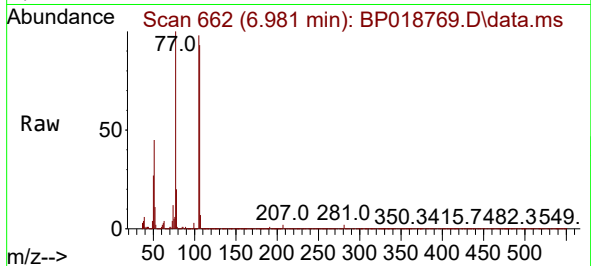




#6
Benzaldehyde
Concen: 24.517 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

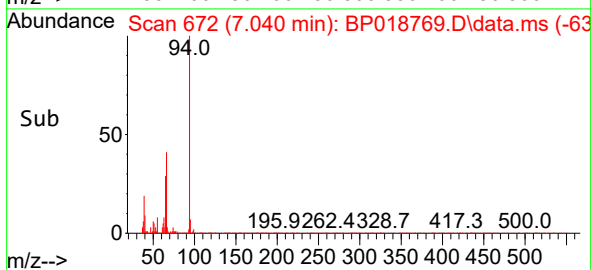
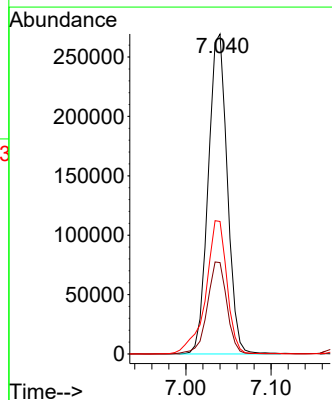
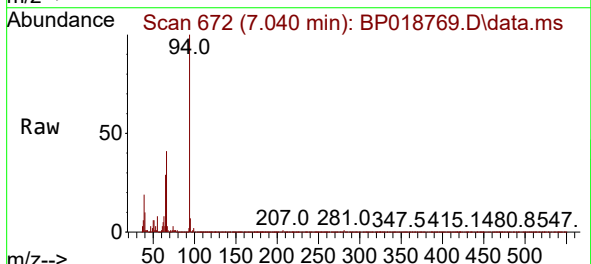
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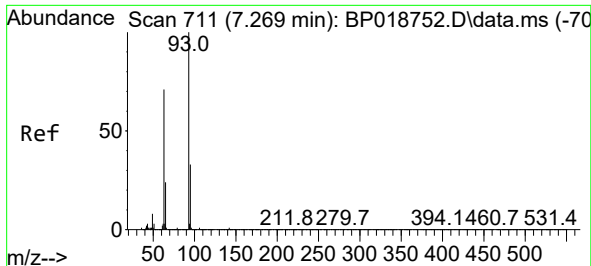
Tgt Ion: 77 Resp: 211570
Ion Ratio Lower Upper
77 100
105 97.8 77.9 116.9
106 93.1 74.6 111.8



#8
Phenol
Concen: 25.531 ng/ul
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion: 94 Resp: 418479
Ion Ratio Lower Upper
94 100
65 28.5 21.0 31.6
66 41.4 28.6 43.0

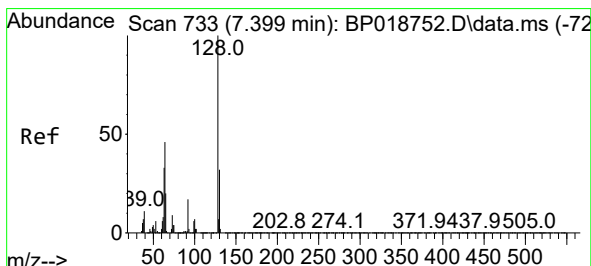
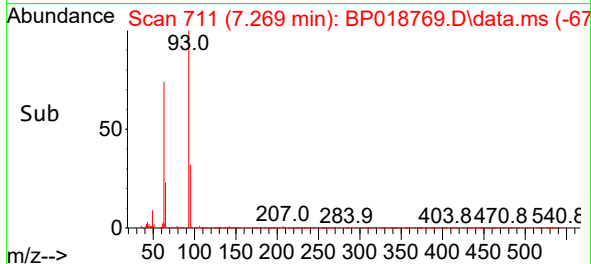
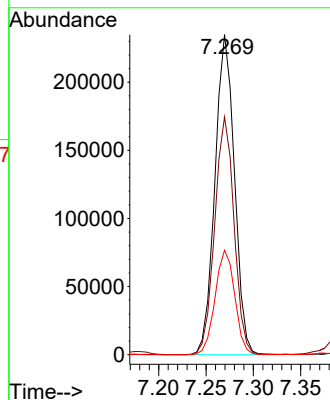
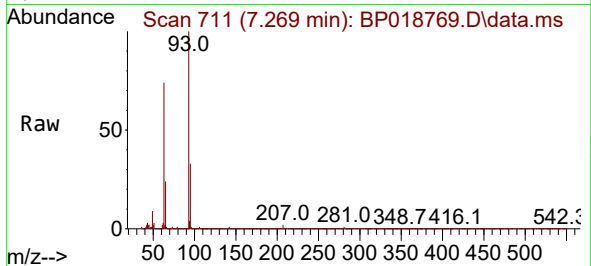




#10
Bis(2-Chloroethyl)ether
Concen: 25.044 ng/ul
RT: 7.269 min Scan# 711
Delta R.T. 0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

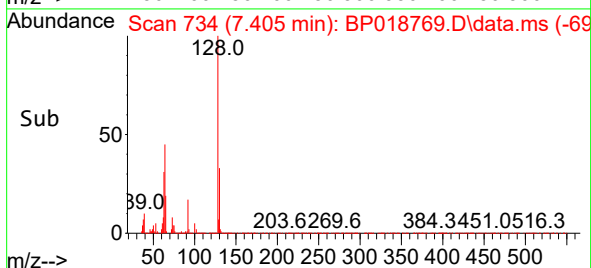
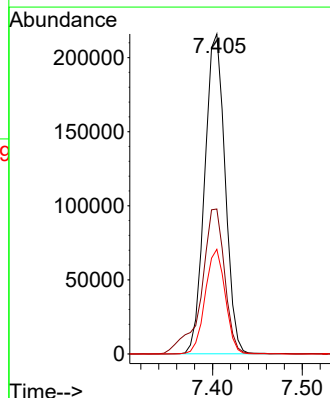
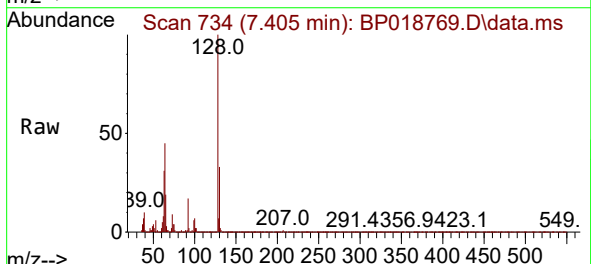
Instrument :
BNA_P
ClientSampleId :

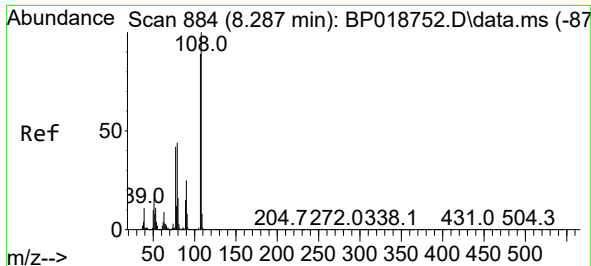
Tgt Ion: 93 Resp: 337123
Ion Ratio Lower Upper
93 100
63 74.3 58.3 87.5
95 32.7 25.9 38.9



#12
2-Chlorophenol
Concen: 25.758 ng/ul
RT: 7.405 min Scan# 734
Delta R.T. 0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:128 Resp: 340000
Ion Ratio Lower Upper
128 100
64 45.3 37.0 55.4
130 32.7 26.8 40.2





#13

2-Methylphenol

Concen: 24.727 ng/ul

RT: 8.287 min Scan# 884

Delta R.T. 0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

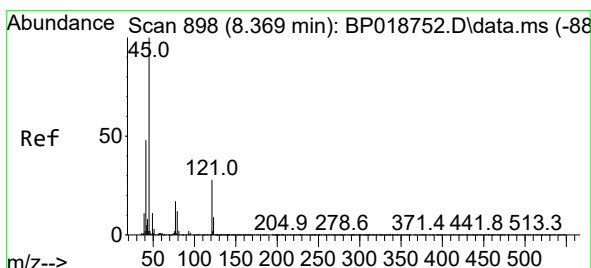
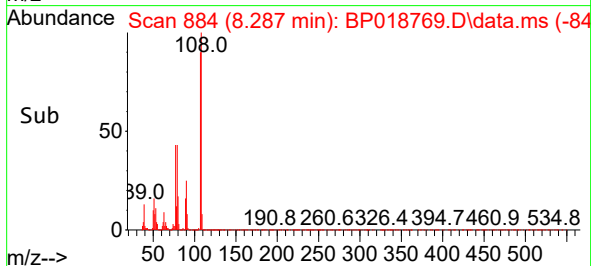
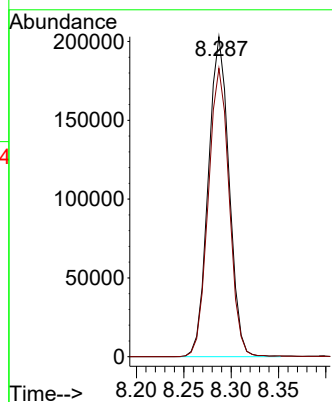
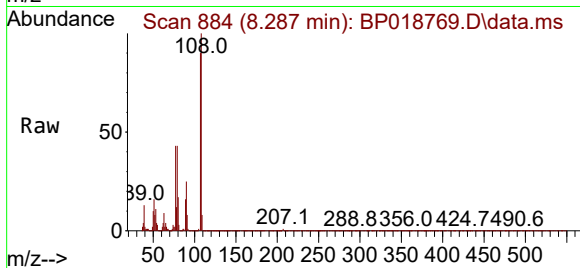
ClientSampleId :

Tgt Ion:108 Resp: 310289

Ion Ratio Lower Upper

108 100

107 90.1 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 23.350 ng/ul

RT: 8.375 min Scan# 899

Delta R.T. 0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

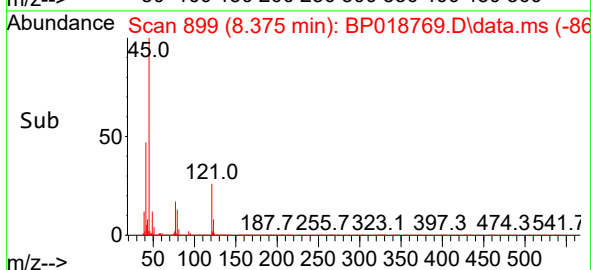
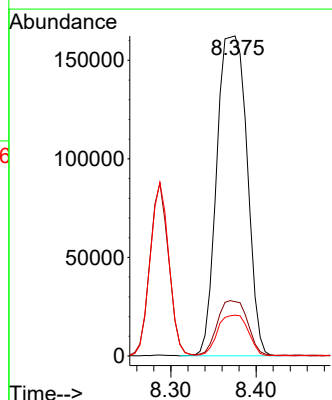
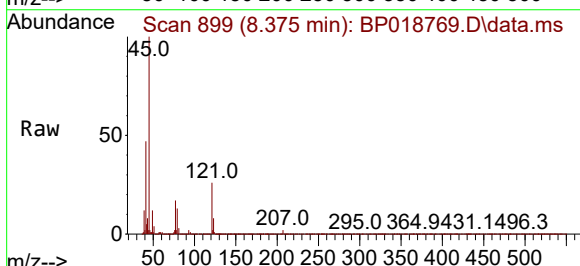
Tgt Ion: 45 Resp: 398835

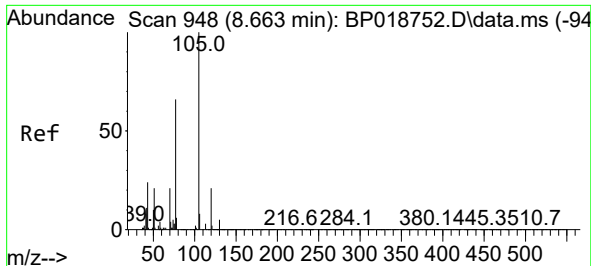
Ion Ratio Lower Upper

45 100

77 17.0 12.7 19.1

79 12.8 10.5 15.7

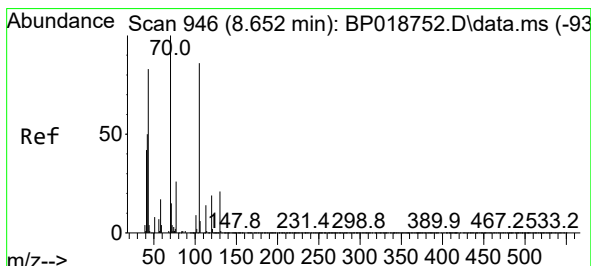
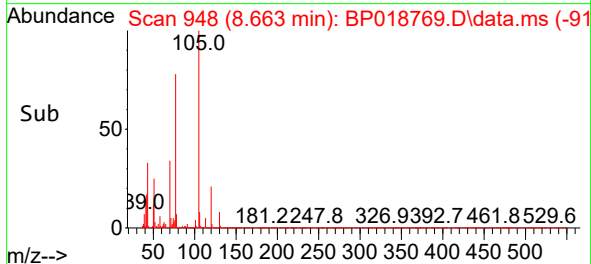
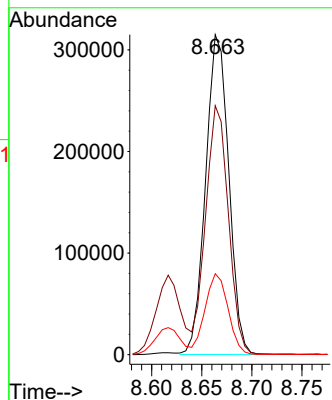
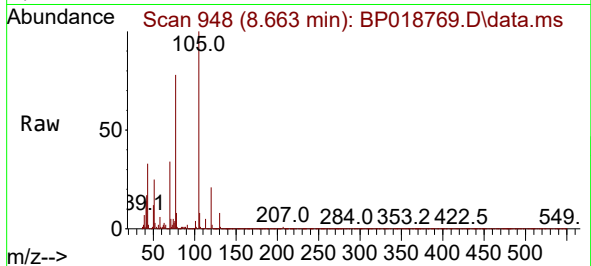




#16
Acetophenone
Concen: 25.132 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

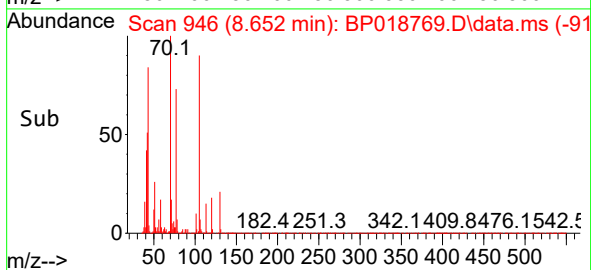
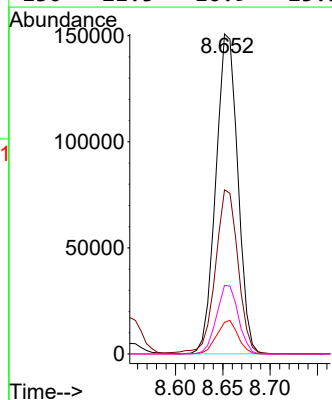
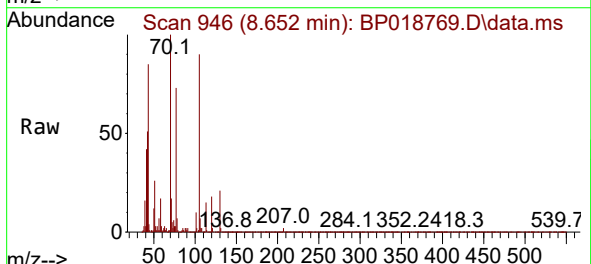
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BNA_P
ClientSampleId :

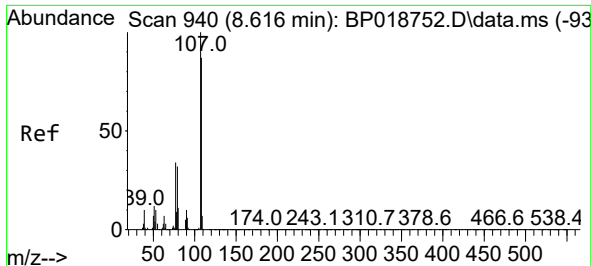
Tgt Ion:105 Resp: 506642
Ion Ratio Lower Upper
105 100
77 77.8 59.4 89.0
51 25.3 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 21.951 ng/ul
RT: 8.652 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion: 70 Resp: 243437
Ion Ratio Lower Upper
70 100
42 51.3 41.0 61.4
101 9.9 7.8 11.8
130 21.5 16.9 25.3

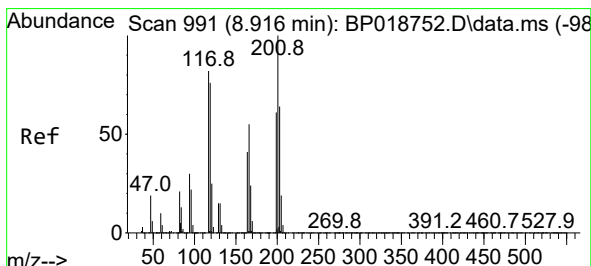
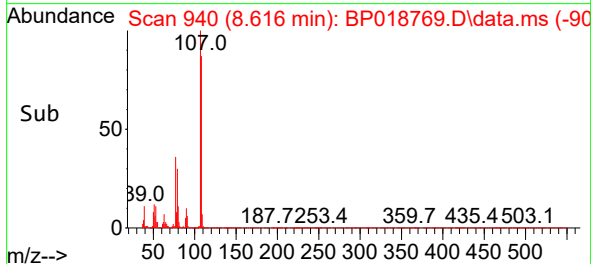
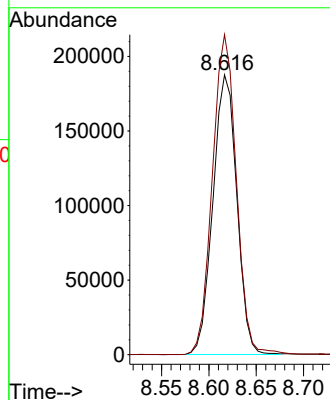
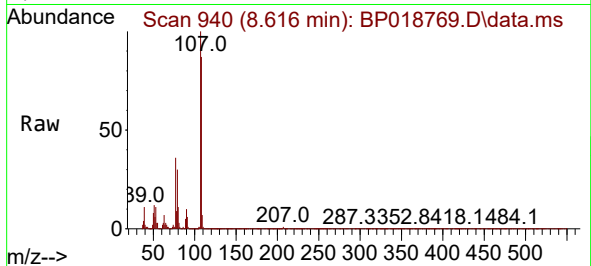




#18
4-Methylphenol
Concen: 24.053 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

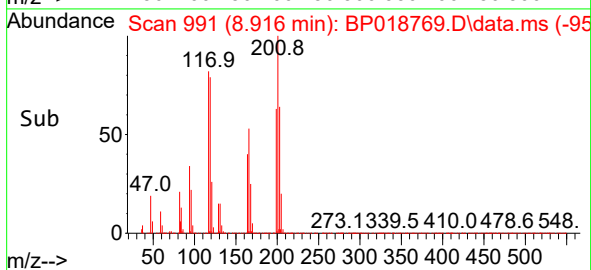
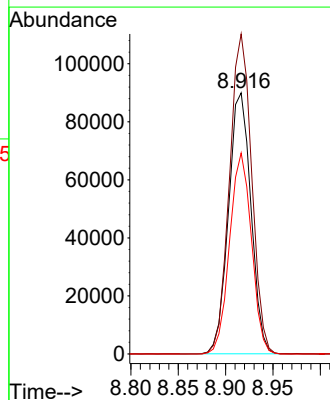
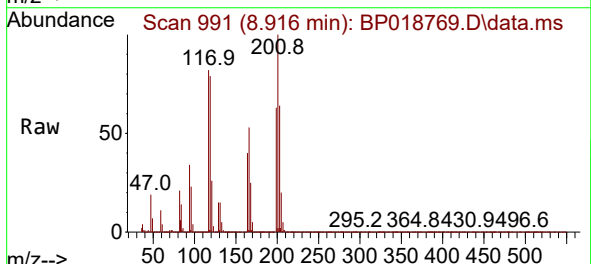
Instrument :
BNA_P
ClientSampleId :

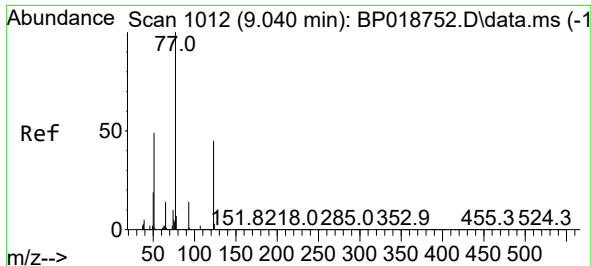
Tgt Ion:108 Resp: 329587
Ion Ratio Lower Upper
108 100
107 114.3 90.6 136.0



#19
Hexachloroethane
Concen: 27.398 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:117 Resp: 148257
Ion Ratio Lower Upper
117 100
201 122.5 83.7 125.5
199 77.0 52.3 78.5

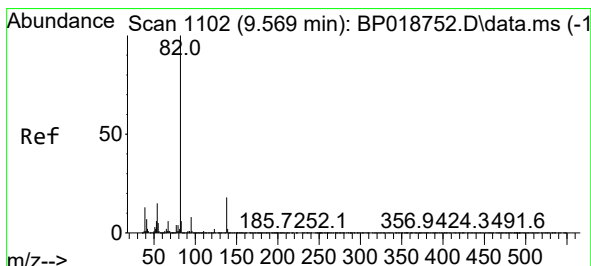
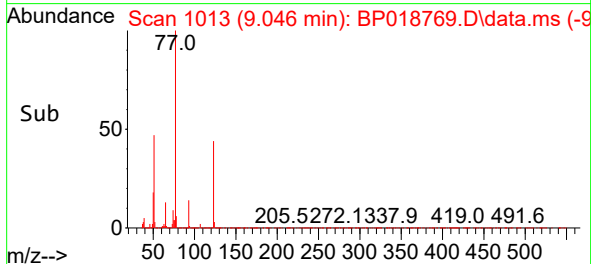
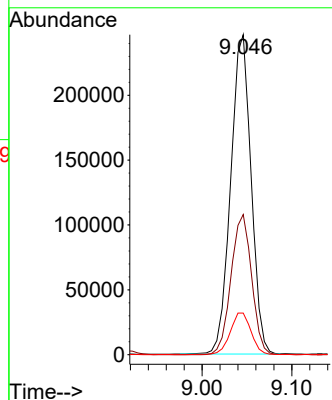
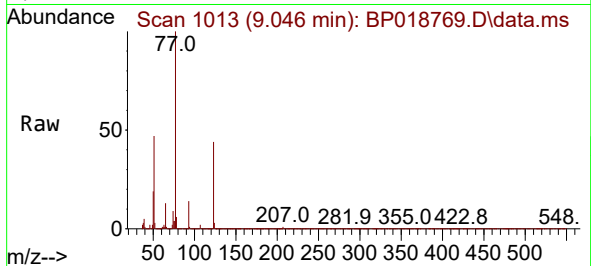




#22
Nitrobenzene
Concen: 28.253 ng/ul
RT: 9.046 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

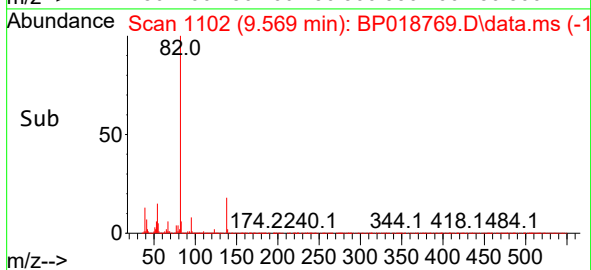
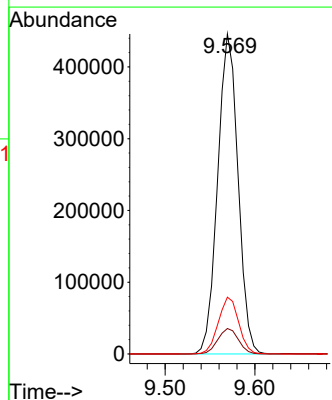
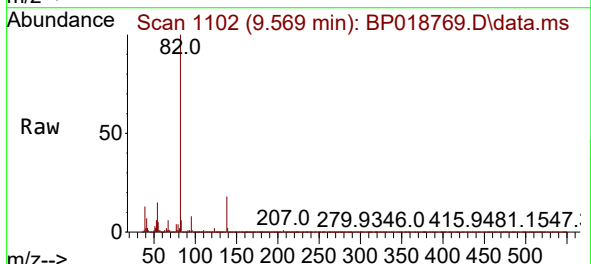
Instrument :
BNA_P
ClientSampleId :

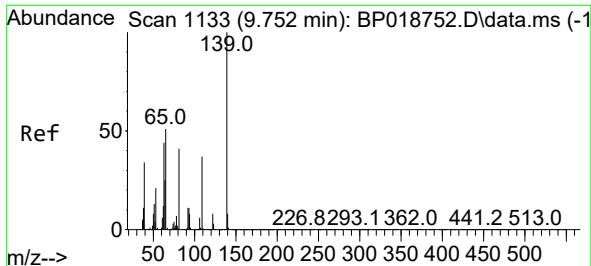
Tgt Ion: 77 Resp: 389388
Ion Ratio Lower Upper
77 100
123 43.8 35.8 53.8
65 13.0 10.5 15.7



#23
Isophorone
Concen: 24.992 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion: 82 Resp: 702285
Ion Ratio Lower Upper
82 100
95 8.0 5.5 8.3
138 17.8 13.5 20.3

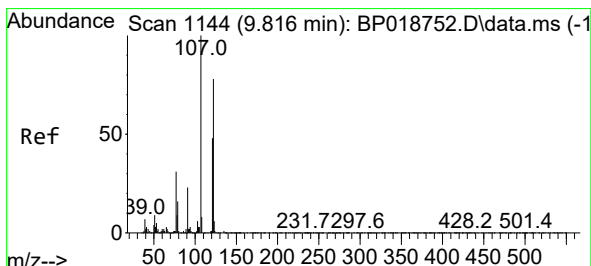
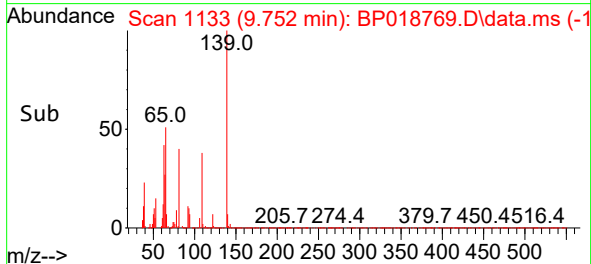
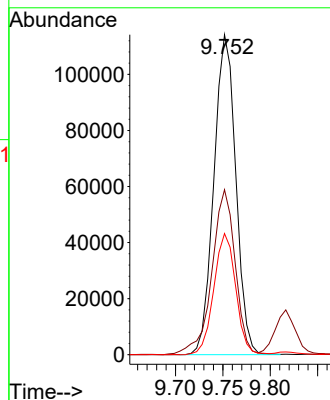
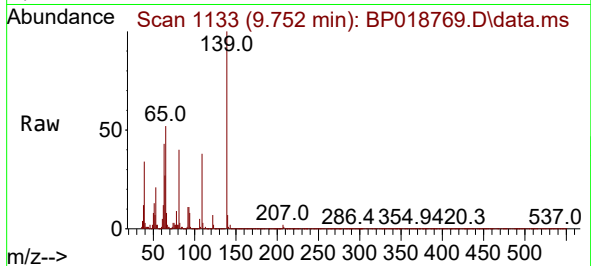




#25
2-Nitrophenol
Concen: 29.225 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

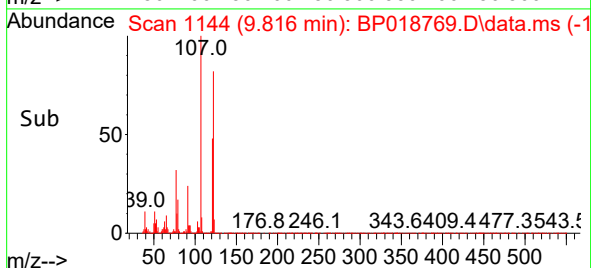
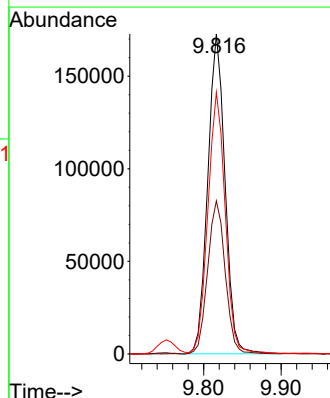
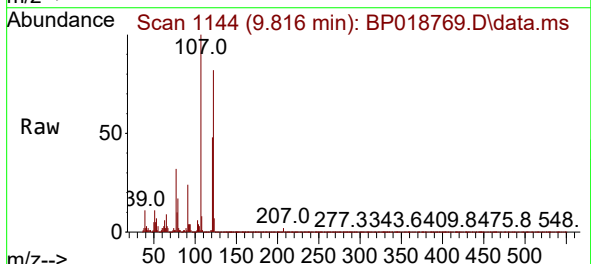
Instrument :
BNA_P
ClientSampleId :

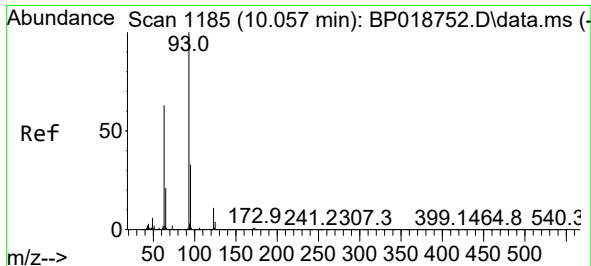
Tgt Ion	Ratio	Lower	Upper
139	100		
65	51.6	39.1	58.7
109	37.9	23.8	35.6



#26
2,4-Dimethylphenol
Concen: 21.695 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.9	40.0	60.0
122	81.7	69.1	103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 24.612 ng/ul

RT: 10.058 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

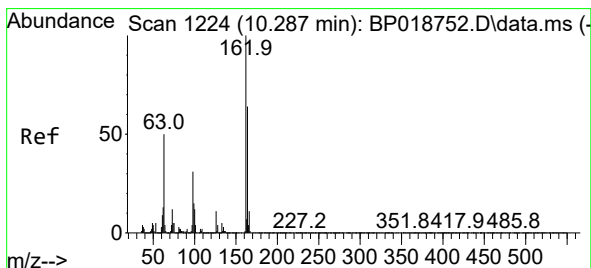
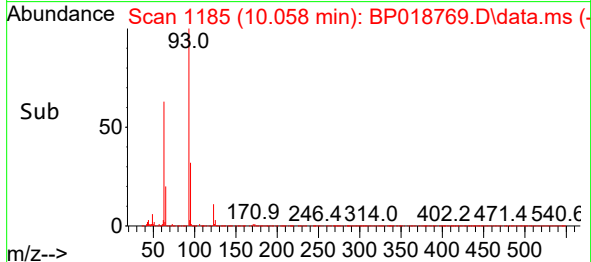
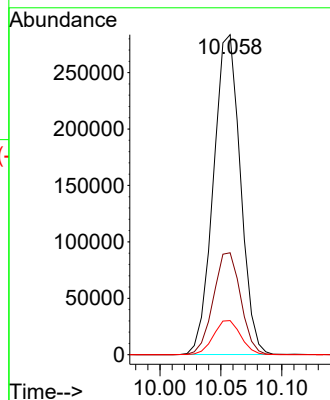
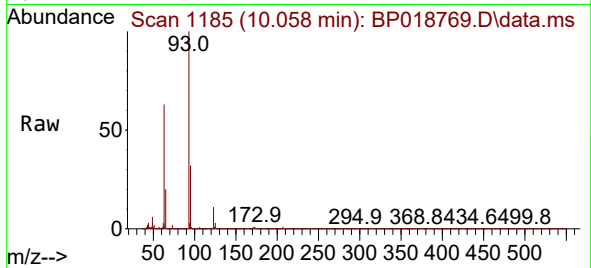
Tgt Ion: 93 Resp: 436627

Ion Ratio Lower Upper

93 100

95 31.9 26.1 39.1

123 10.7 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 29.411 ng/ul

RT: 10.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

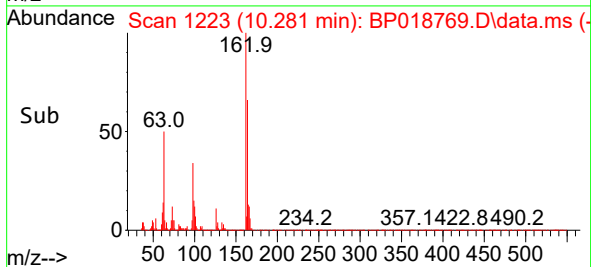
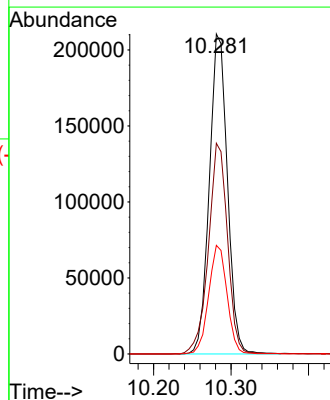
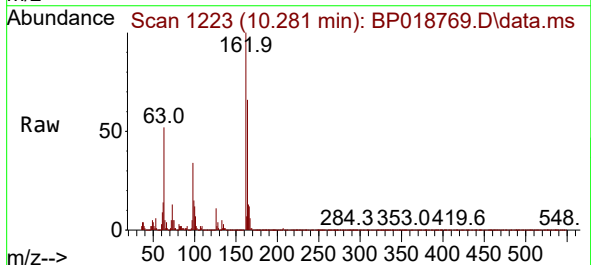
Tgt Ion:162 Resp: 340432

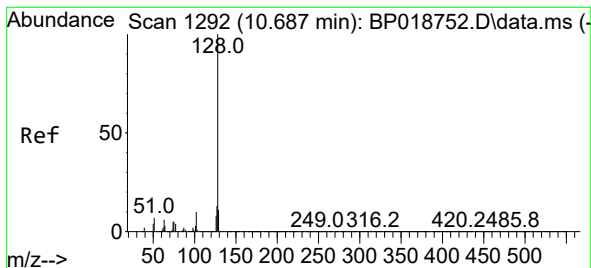
Ion Ratio Lower Upper

162 100

164 65.9 51.7 77.5

98 34.0 29.2 43.8





#30

Naphthalene

Concen: 26.791 ng/ul

RT: 10.687 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

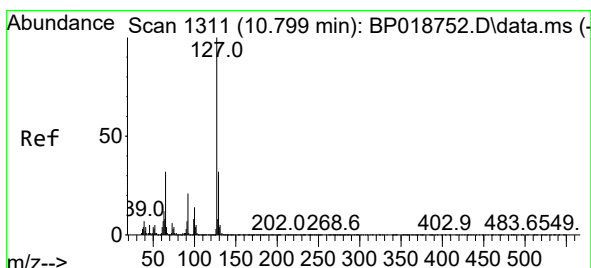
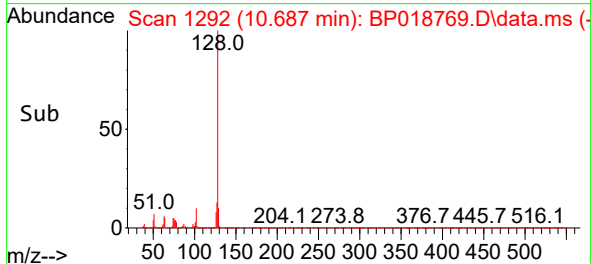
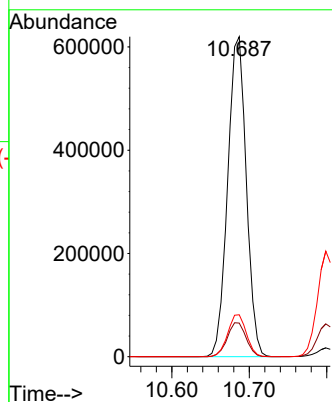
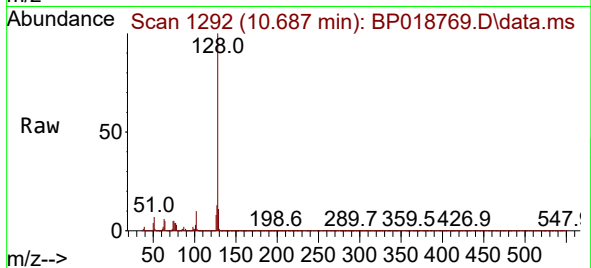
Tgt Ion:128 Resp: 1035116

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

127 13.1 10.5 15.7



#32

4-Chloroaniline

Concen: 22.112 ng/ul

RT: 10.799 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BP018769.D

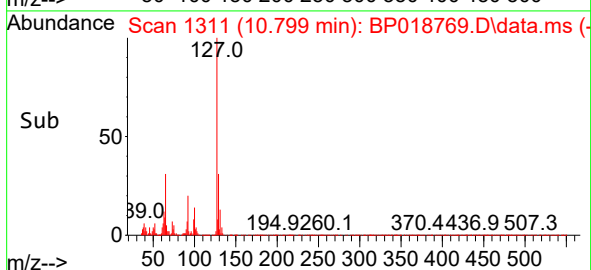
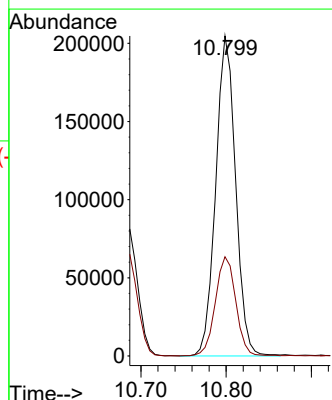
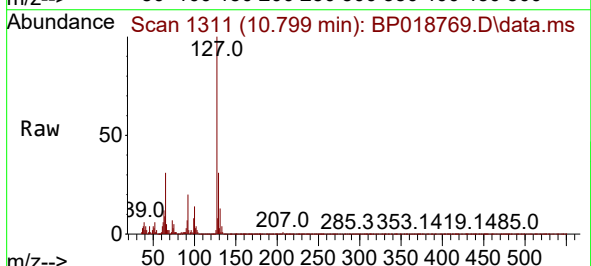
Acq: 12 Dec 2023 15:45

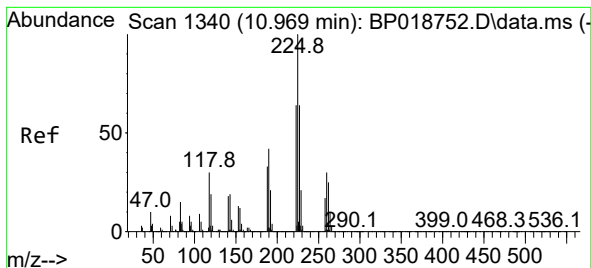
Tgt Ion:127 Resp: 330985

Ion Ratio Lower Upper

127 100

129 31.0 25.6 38.4





#33

Hexachlorobutadiene

Concen: 35.044 ng/ul

RT: 10.969 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

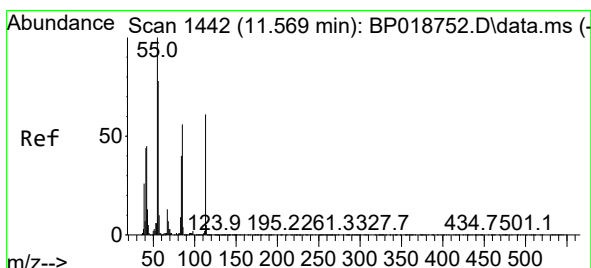
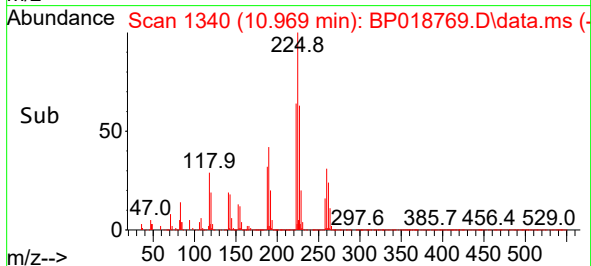
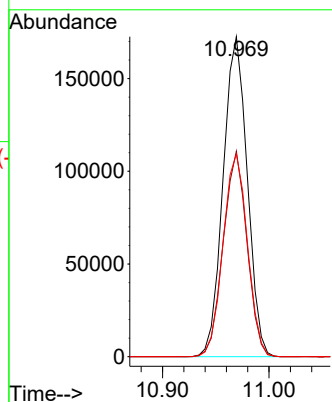
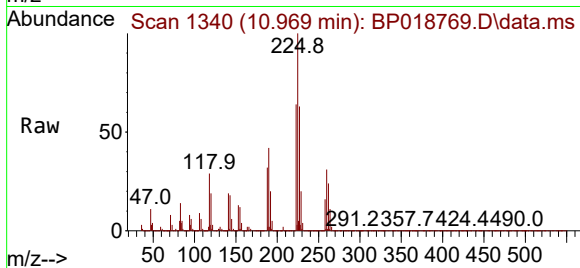
Tgt Ion:225 Resp: 271663

Ion Ratio Lower Upper

225 100

223 64.2 49.5 74.3

227 63.4 50.9 76.3



#34

Caprolactam

Concen: 22.472 ng/ul

RT: 11.581 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

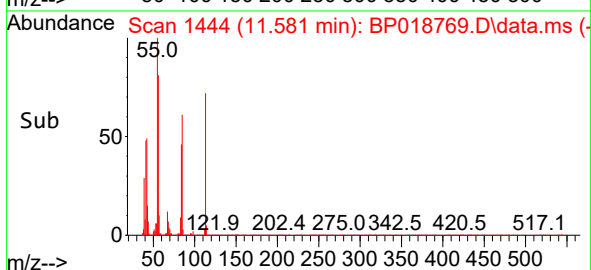
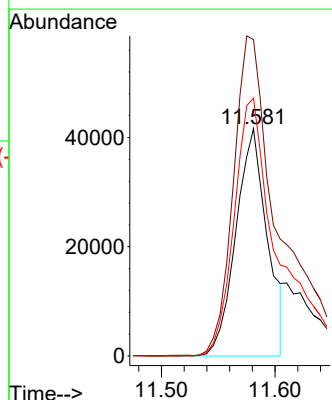
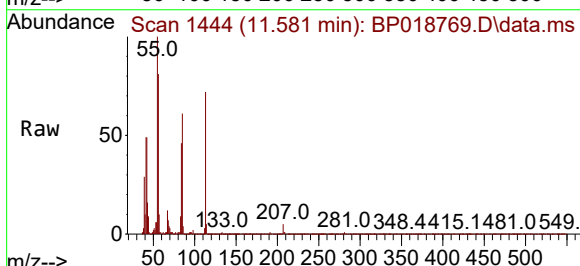
Tgt Ion:113 Resp: 79759

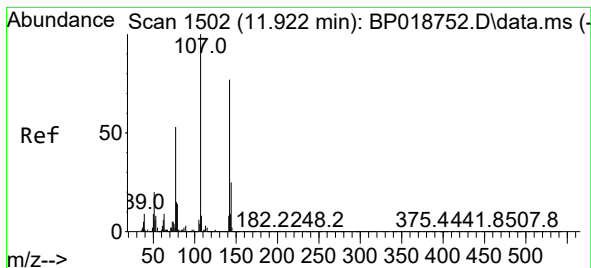
Ion Ratio Lower Upper

113 100

55 139.3 133.7 200.5

56 113.4 97.4 146.2

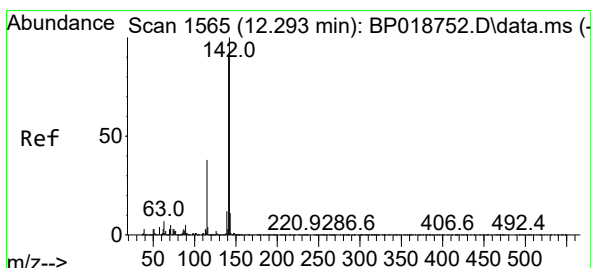
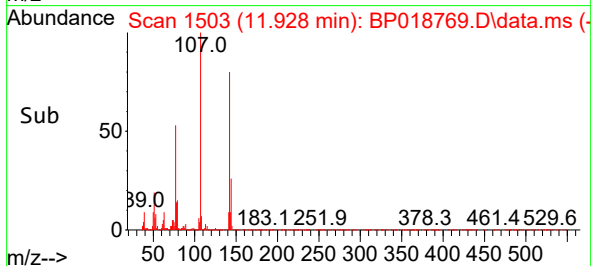
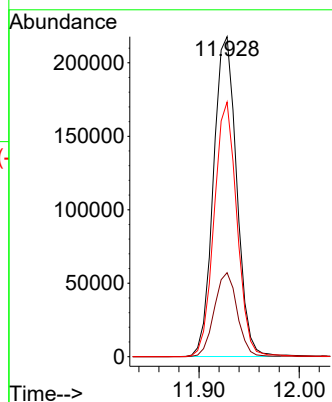
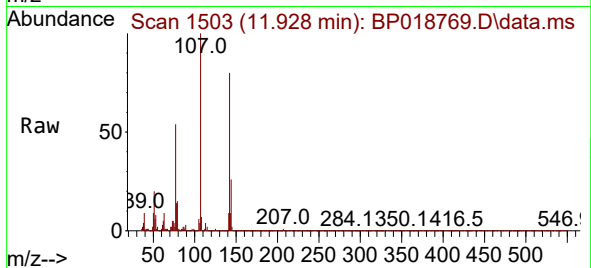




#35
4-Chloro-3-methylphenol
Concen: 27.054 ng/ul
RT: 11.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

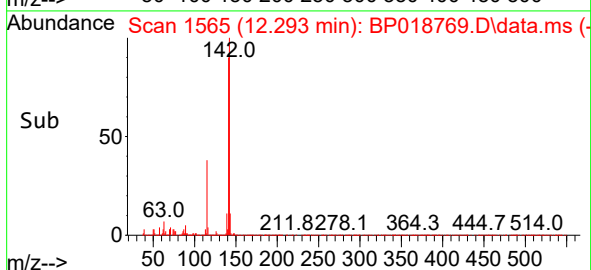
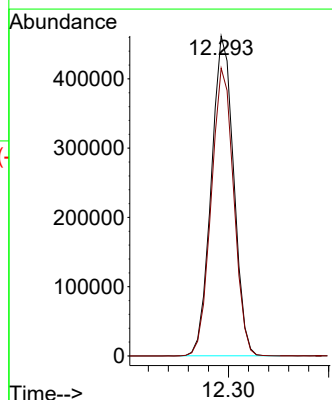
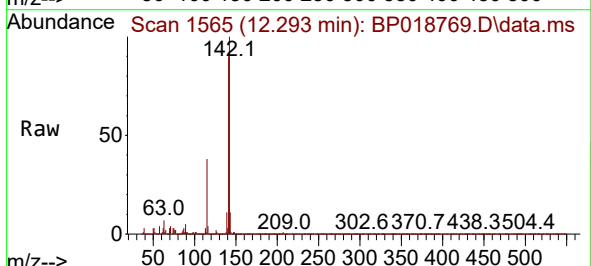
Instrument :
BNA_P
ClientSampleId :

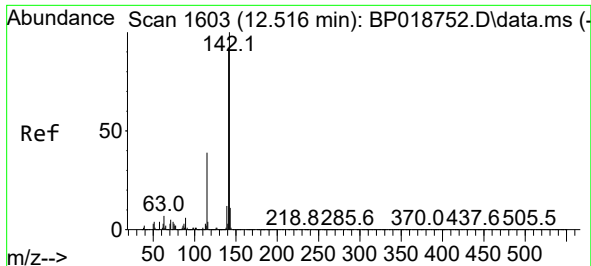
Tgt Ion:107 Resp: 350814
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 79.6 63.6 95.4



#36
2-Methylnaphthalene
Concen: 26.219 ng/ul
RT: 12.293 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:142 Resp: 717646
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.0





#37

1-Methylnaphthalene

Concen: 25.492 ng/ul

RT: 12.516 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

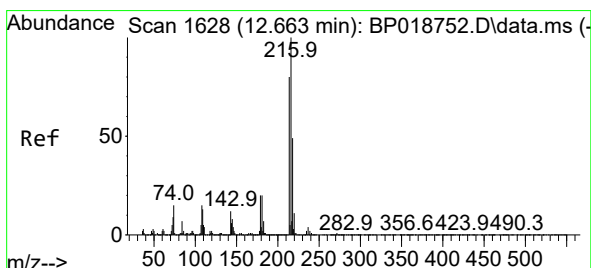
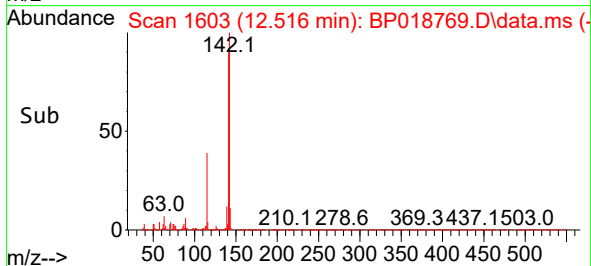
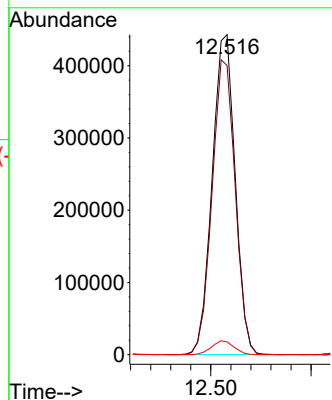
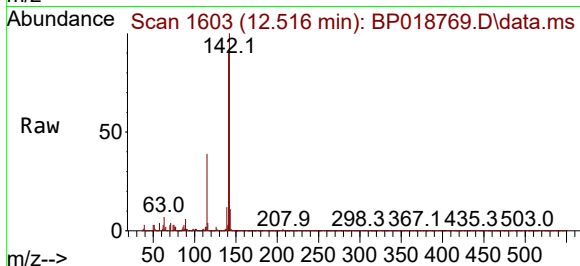
Tgt Ion:142 Resp: 704668

Ion Ratio Lower Upper

142 100

141 90.3 73.5 110.3

116 4.0 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.916 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Tgt Ion:216 Resp: 477782

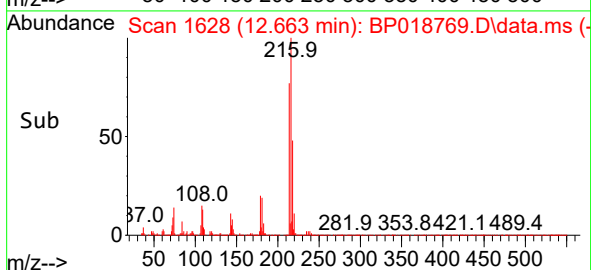
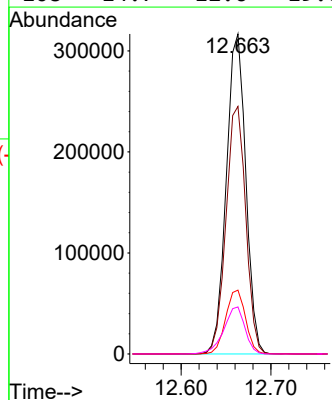
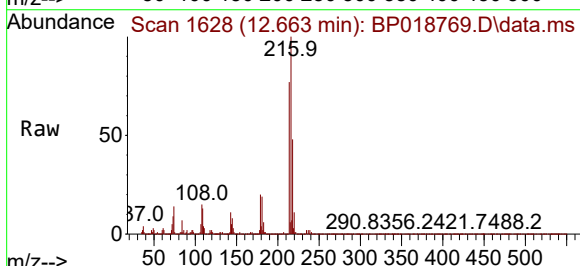
Ion Ratio Lower Upper

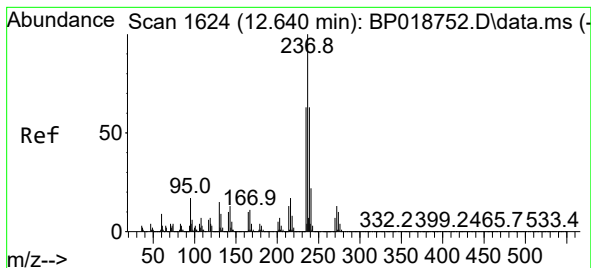
216 100

214 77.4 63.9 95.9

179 20.0 16.3 24.5

108 14.7 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 25.513 ng/ul

RT: 12.640 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

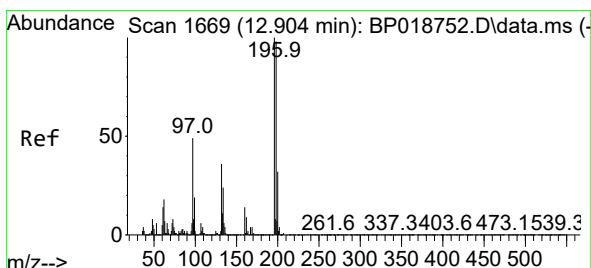
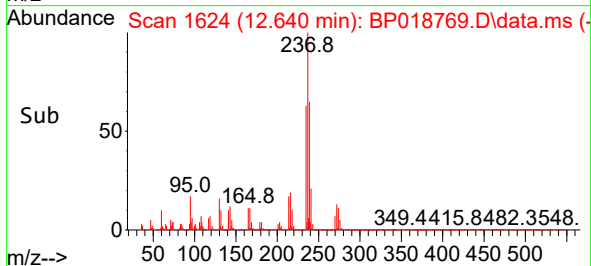
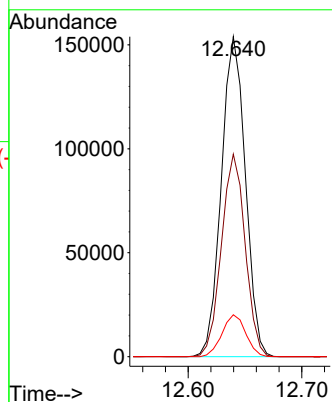
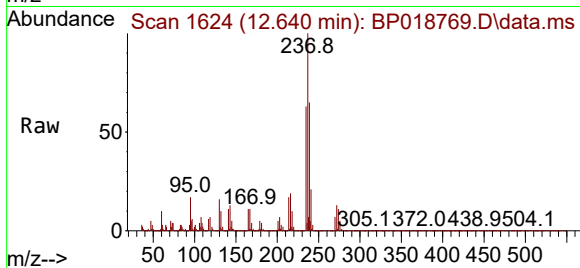
Tgt Ion:237 Resp: 226380

Ion Ratio Lower Upper

237 100

235 63.3 49.4 74.0

272 13.1 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 30.221 ng/ul

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

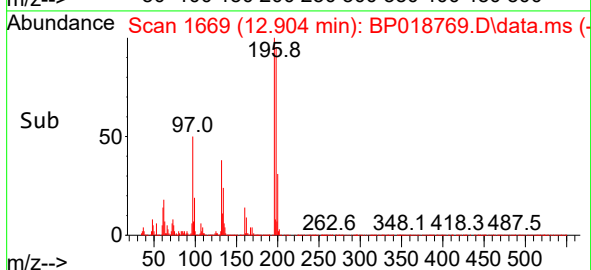
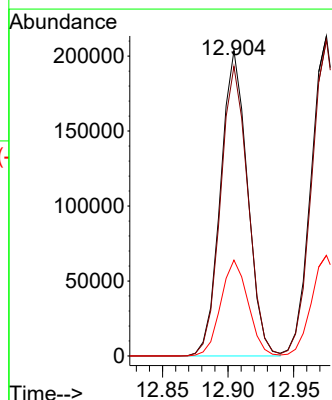
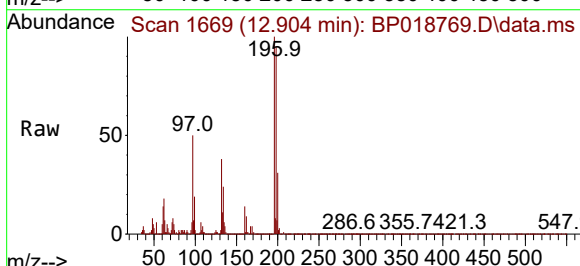
Tgt Ion:196 Resp: 291036

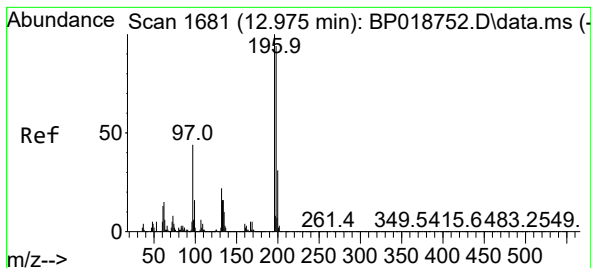
Ion Ratio Lower Upper

196 100

198 94.8 76.9 115.3

200 31.4 25.0 37.6

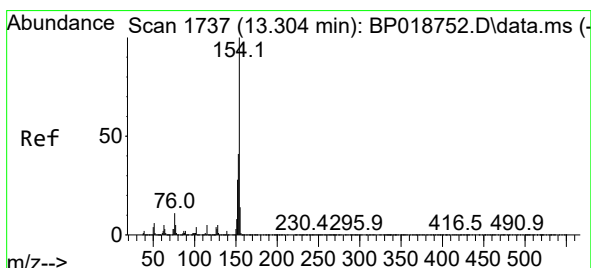
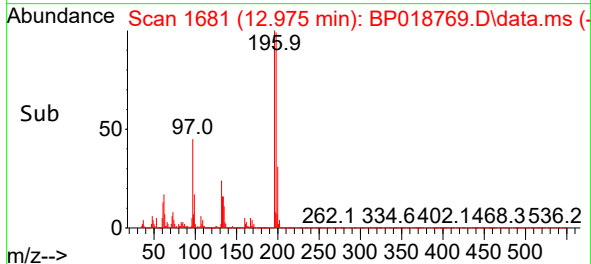
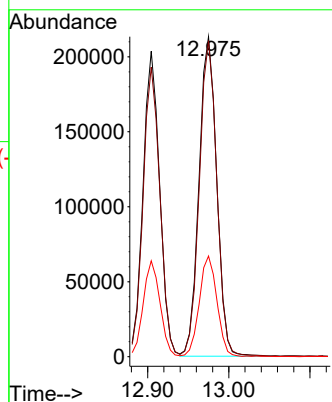
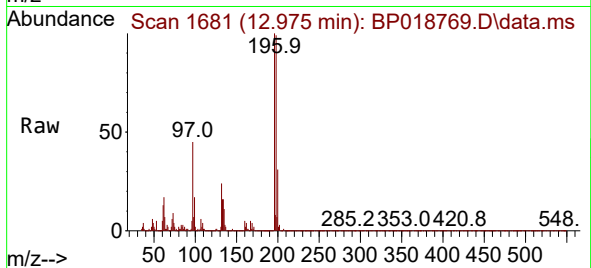




#42
2,4,5-Trichlorophenol
Concen: 30.977 ng/ul
RT: 12.975 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

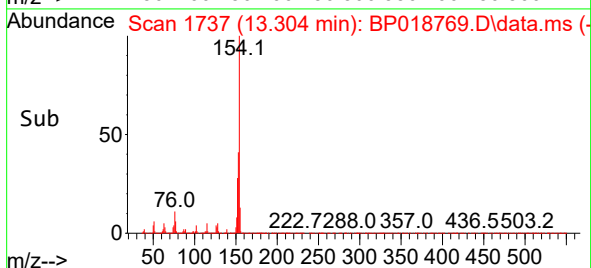
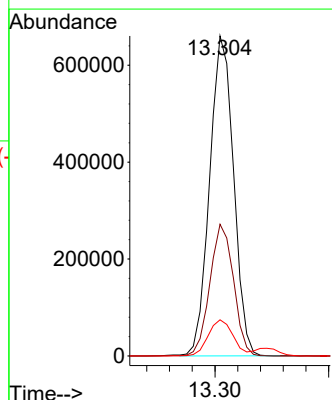
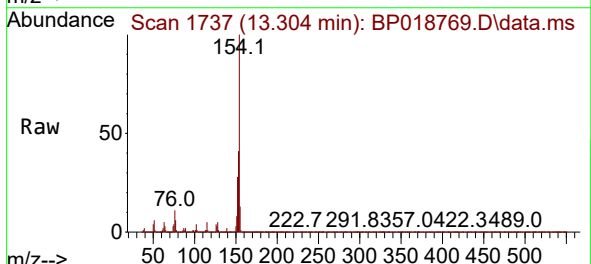
Instrument :
BNA_P
ClientSampleId :

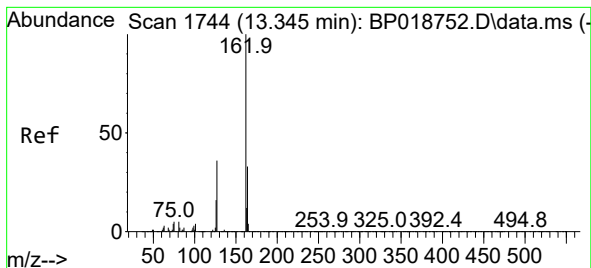
Tgt Ion:196 Resp: 323410
Ion Ratio Lower Upper
196 100
198 98.8 77.9 116.9
200 31.5 25.2 37.8



#43
1,1'-Biphenyl
Concen: 27.074 ng/ul
RT: 13.304 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:154 Resp: 966121
Ion Ratio Lower Upper
154 100
153 41.1 32.8 49.2
76 11.3 10.7 16.1





#44

2-Chloronaphthalene

Concen: 28.055 ng/ul

RT: 13.346 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

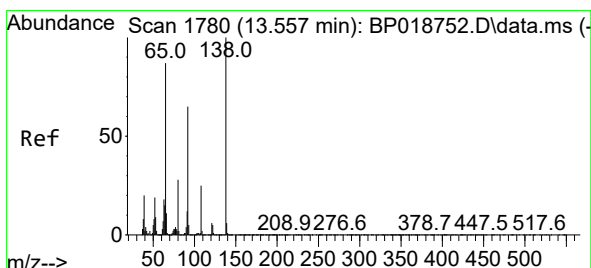
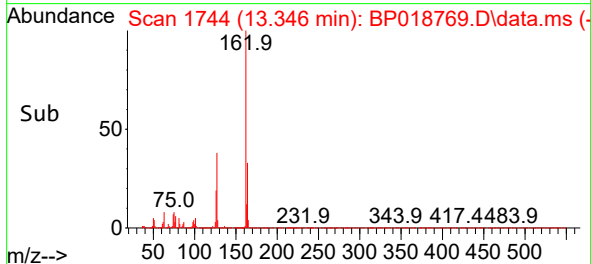
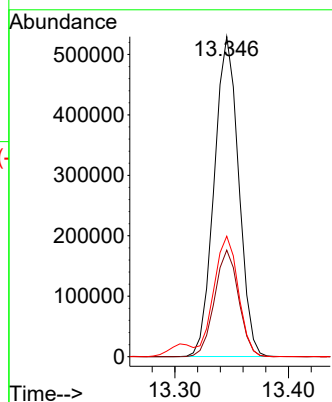
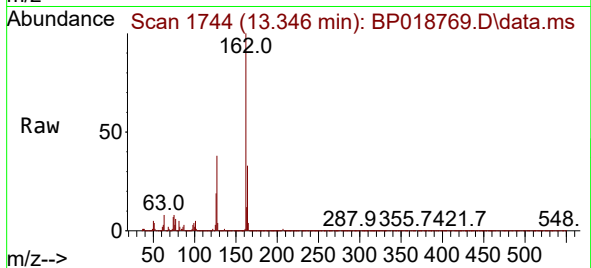
Tgt Ion:162 Resp: 790722

Ion Ratio Lower Upper

162 100

164 33.3 25.7 38.5

127 37.6 30.3 45.5



#45

2-Nitroaniline

Concen: 29.196 ng/ul

RT: 13.557 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

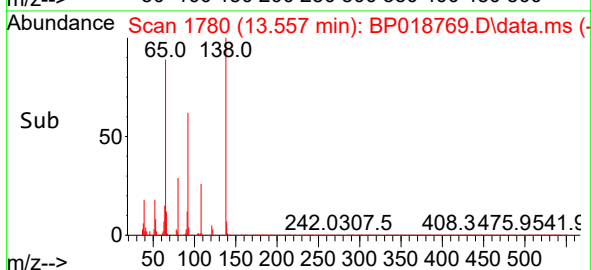
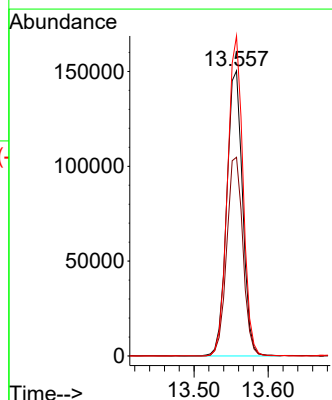
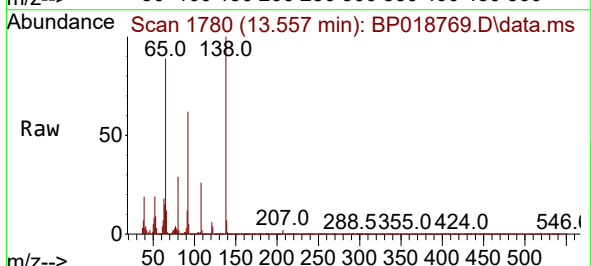
Tgt Ion: 65 Resp: 223072

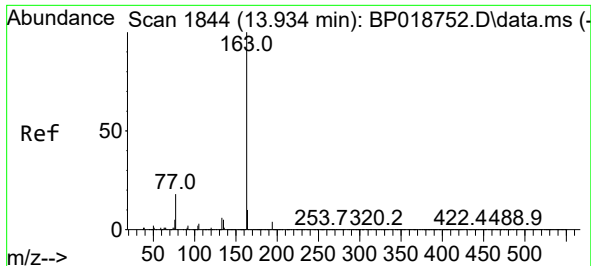
Ion Ratio Lower Upper

65 100

92 69.7 56.9 85.3

138 112.2 88.2 132.2

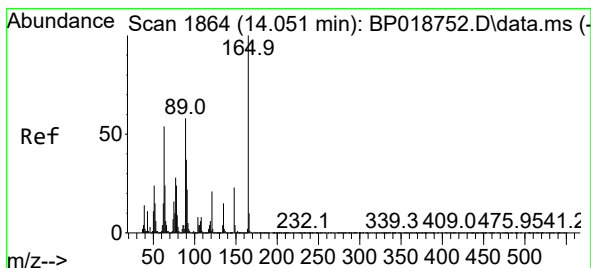
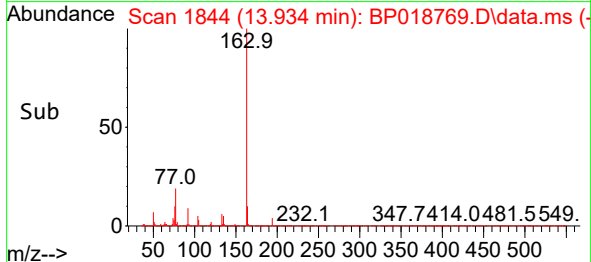
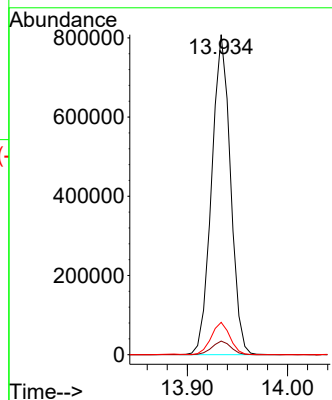
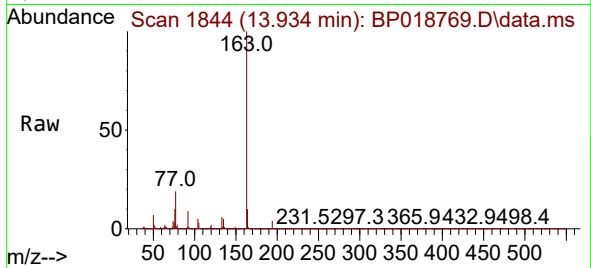




#47
Dimethylphthalate
Concen: 29.115 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

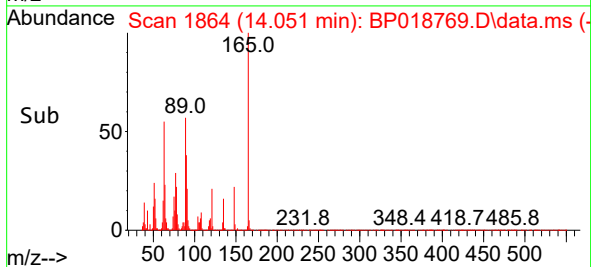
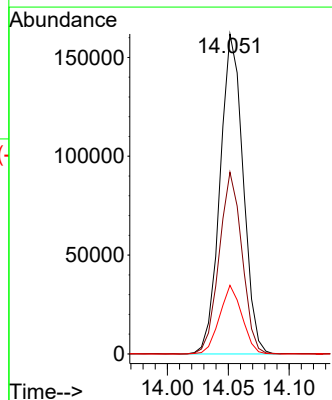
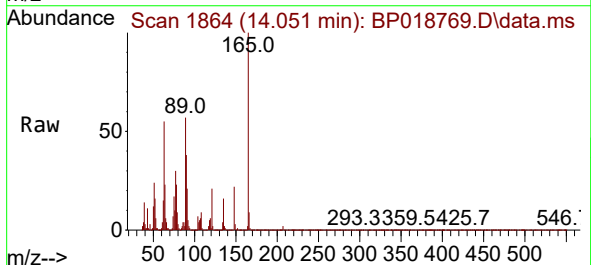
Instrument :
BNA_P
ClientSampleId :

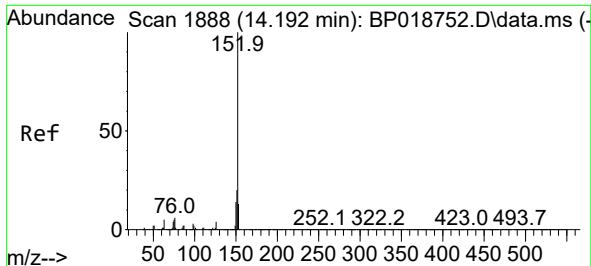
Tgt Ion:163 Resp: 1055420
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 31.144 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:165 Resp: 213293
Ion Ratio Lower Upper
165 100
89 56.8 46.6 70.0
121 21.4 17.3 25.9

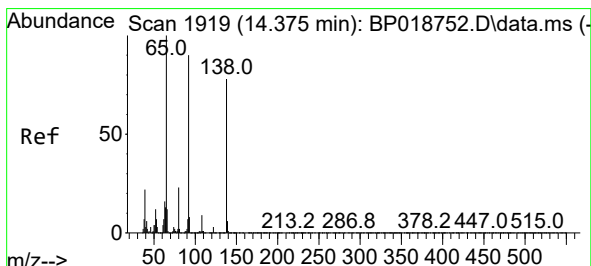
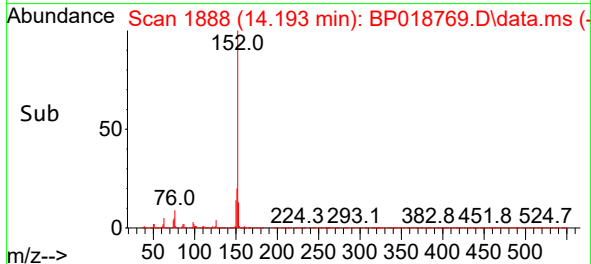
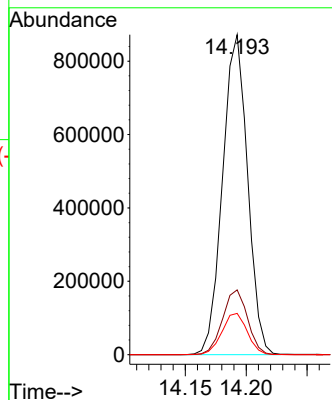
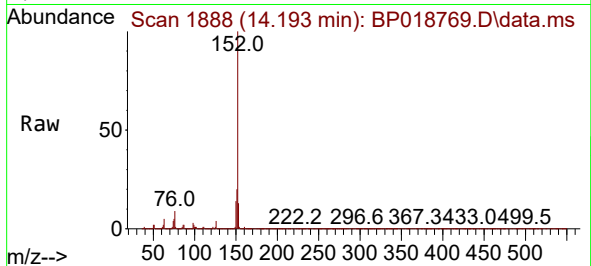




#50
Acenaphthylene
Concen: 27.299 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

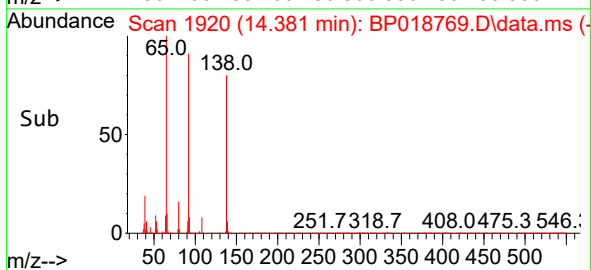
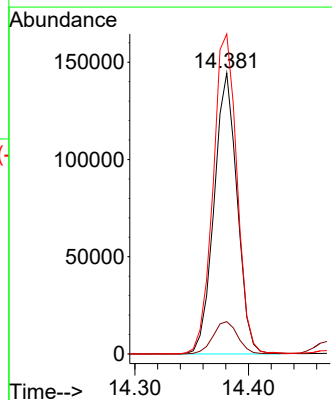
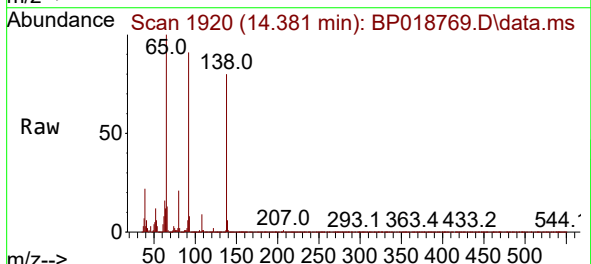
Instrument :
BNA_P
ClientSampleId :

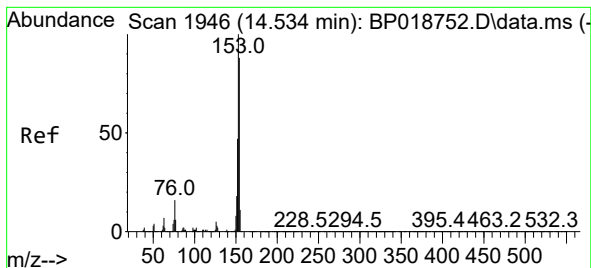
Tgt Ion:152 Resp: 1244585
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.9 10.6 16.0



#51
3-Nitroaniline
Concen: 29.813 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:138 Resp: 203822
Ion Ratio Lower Upper
138 100
108 11.5 9.5 14.3
92 113.9 93.1 139.7





#52

Acenaphthene

Concen: 27.744 ng/ul

RT: 14.534 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

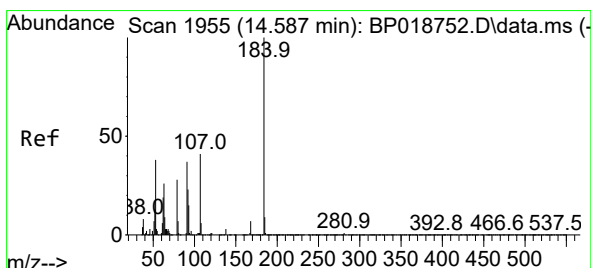
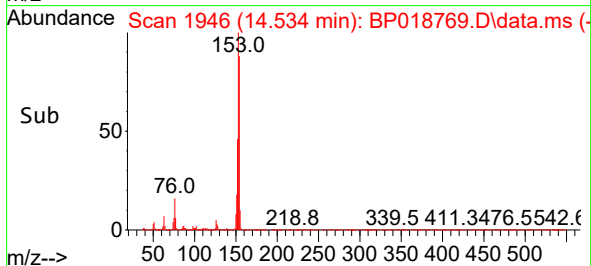
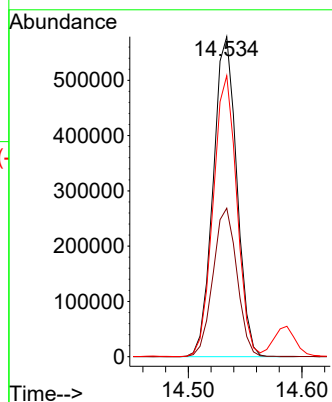
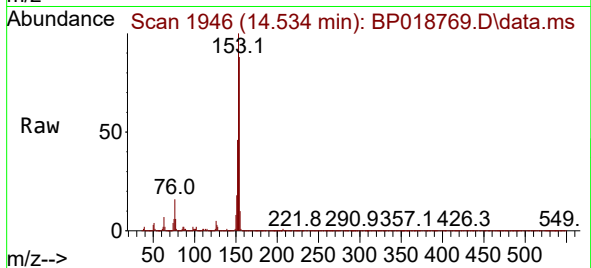
Tgt Ion:153 Resp: 836331

Ion Ratio Lower Upper

153 100

152 46.4 38.1 57.1

154 87.8 71.7 107.5



#53

2,4-Dinitrophenol

Concen: 32.600 ng/ul

RT: 14.587 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

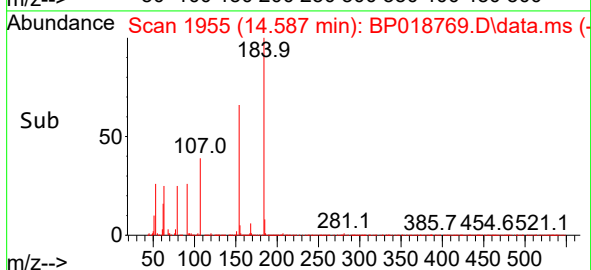
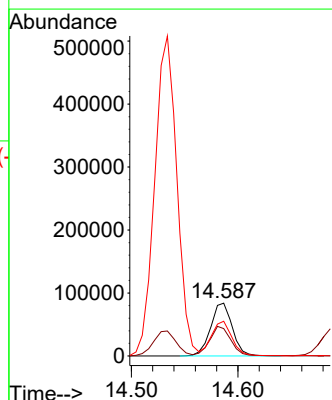
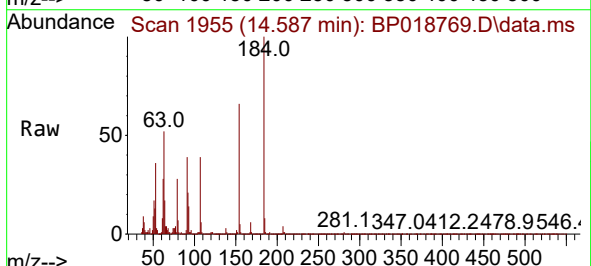
Tgt Ion:184 Resp: 118329

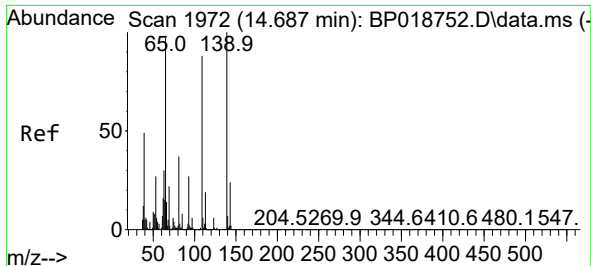
Ion Ratio Lower Upper

184 100

63 51.8 48.2 72.4

154 65.6 49.1 73.7

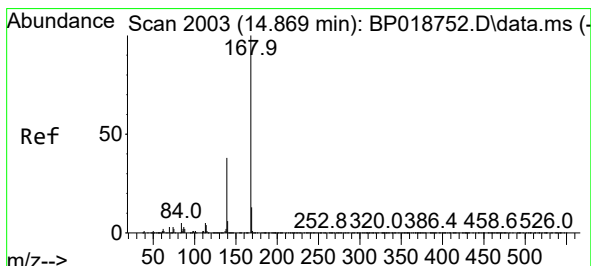
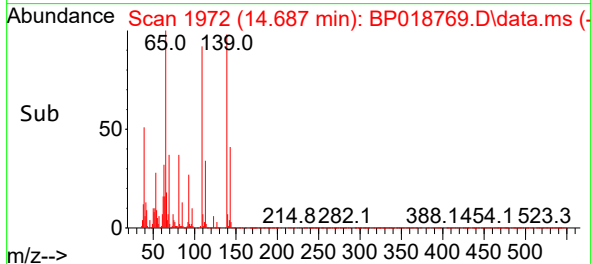
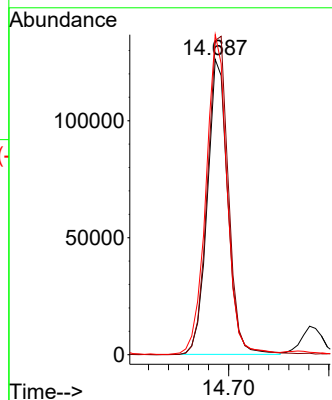
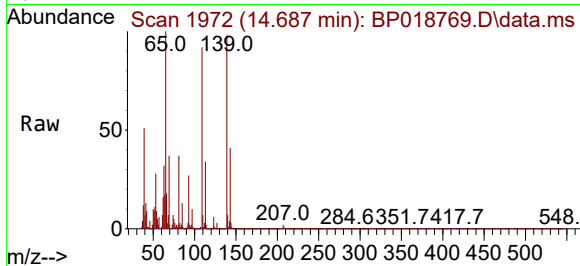




#55
4-Nitrophenol
Concen: 39.178 ng/ul
RT: 14.687 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

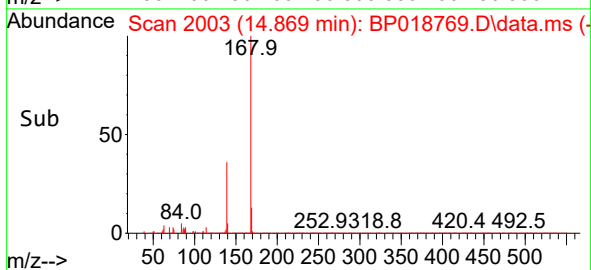
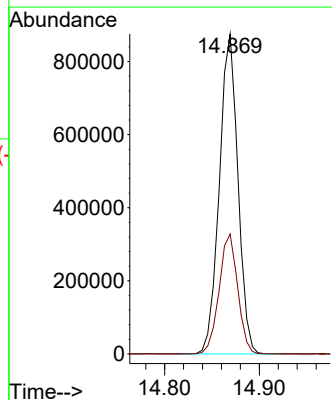
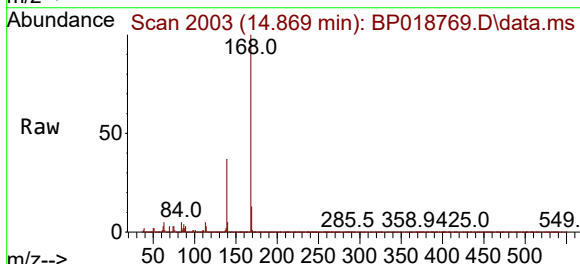
Instrument :
BNA_P
ClientSampleId :

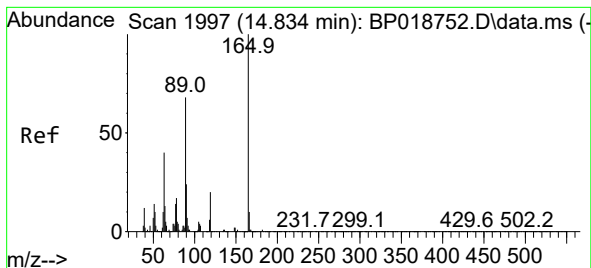
Tgt Ion:109 Resp: 178924
Ion Ratio Lower Upper
109 100
139 106.5 109.0 163.4#
65 108.4 106.2 159.4



#56
Dibenzofuran
Concen: 28.519 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:168 Resp: 1194830
Ion Ratio Lower Upper
168 100
139 37.5 29.1 43.7





#57

2,4-Dinitrotoluene

Concen: 33.305 ng/ul

RT: 14.840 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

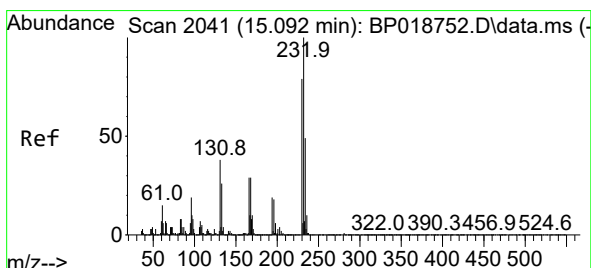
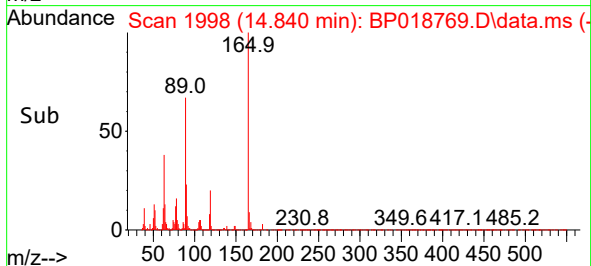
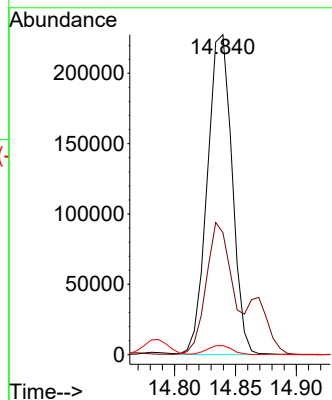
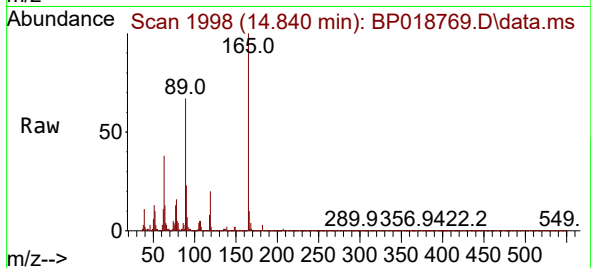
Tgt Ion:165 Resp: 320848

Ion Ratio Lower Upper

165 100

63 38.2 32.7 49.1

182 2.8 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.615 ng/ul

RT: 15.093 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Tgt Ion:232 Resp: 285624

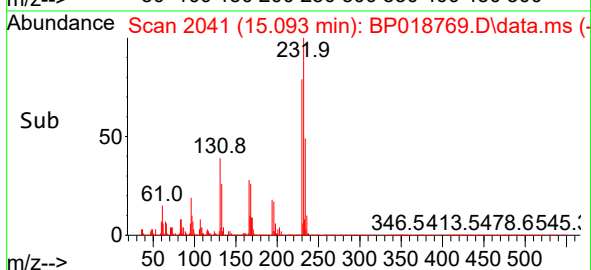
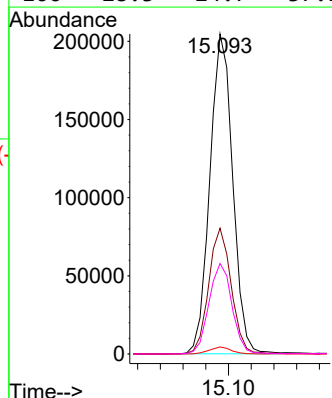
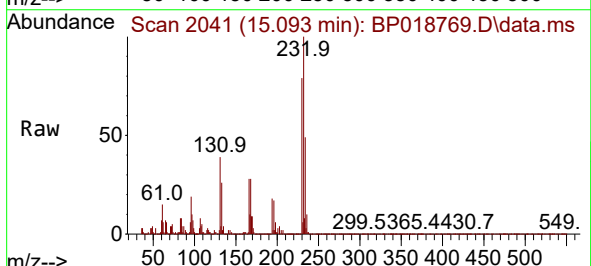
Ion Ratio Lower Upper

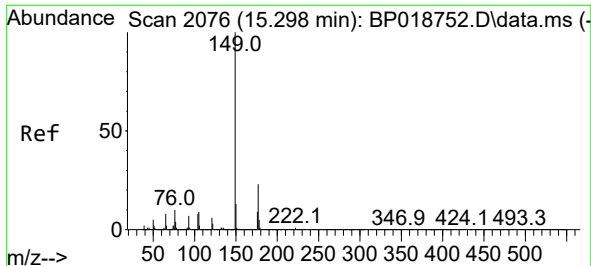
232 100

131 39.3 33.8 50.8

130 2.2 1.8 2.8

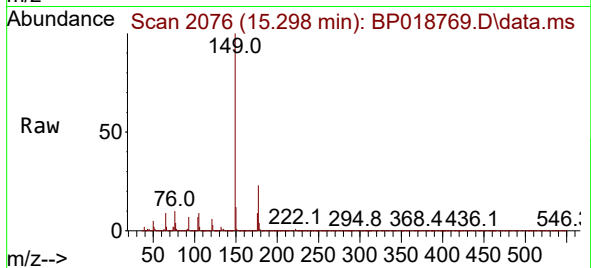
166 28.3 24.7 37.1



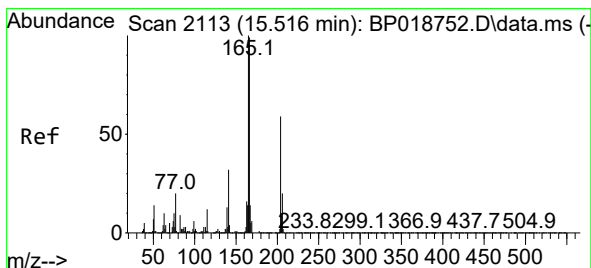
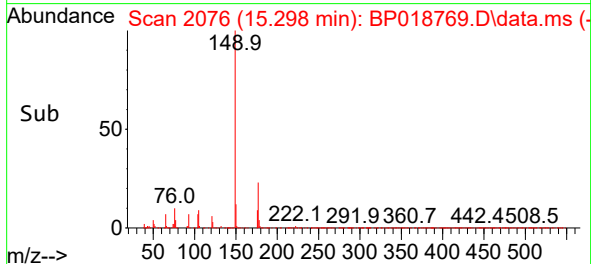
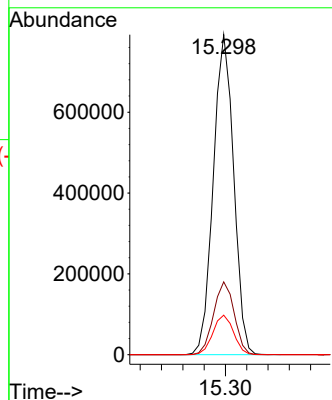


#59
Diethylphthalate
Concen: 29.595 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Instrument :
BNA_P
ClientSampleId :

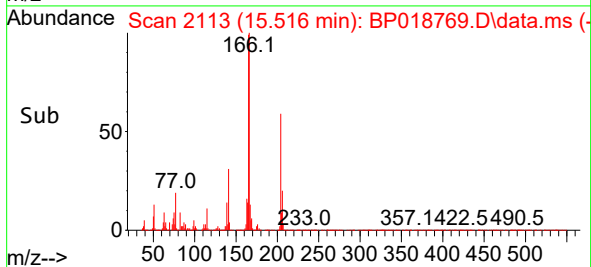
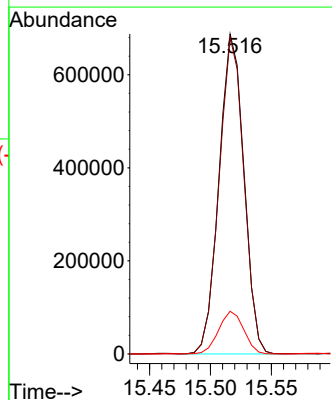
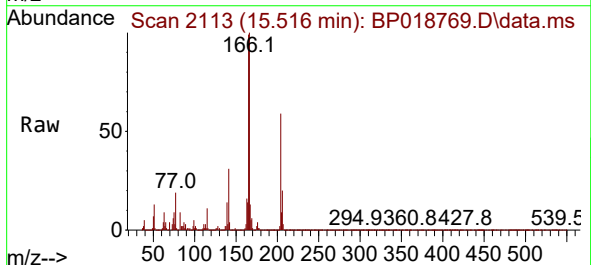


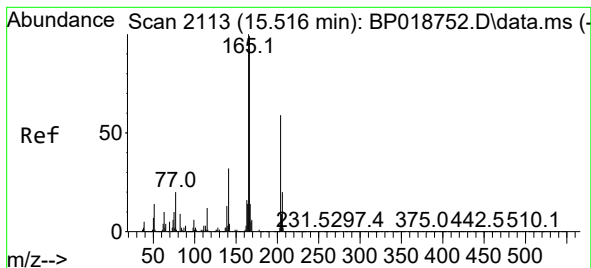
Tgt Ion:149 Resp: 1049812
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.3 9.9 14.9



#61
Fluorene
Concen: 29.482 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:166 Resp: 977374
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 13.4 10.8 16.2

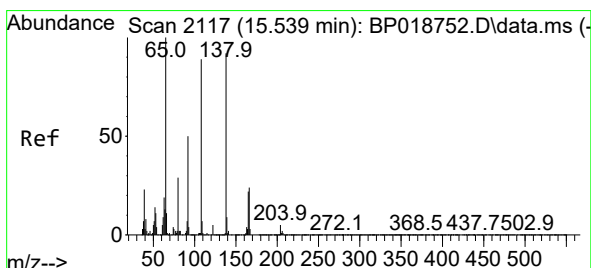
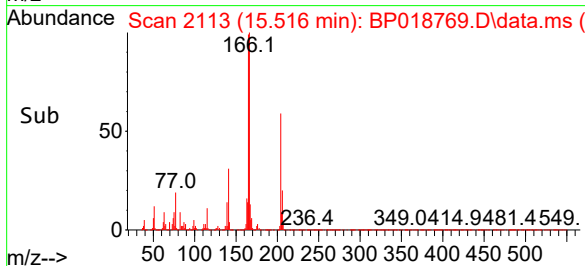
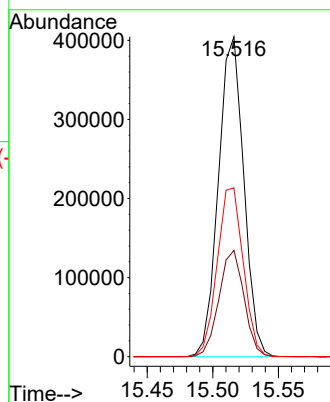
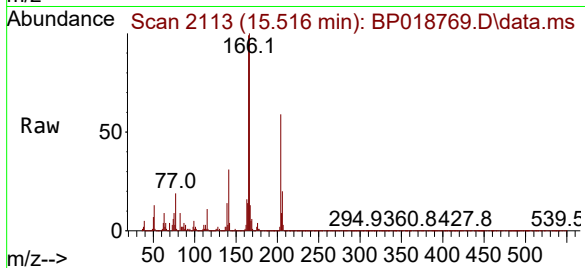




#62
4-Chlorophenyl-phenylether
Concen: 31.219 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

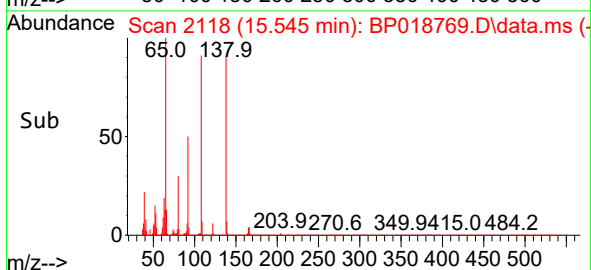
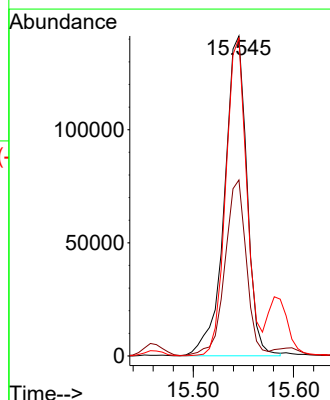
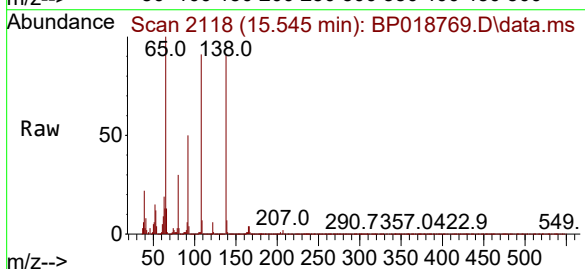
Instrument :
BNA_P
ClientSampleId :

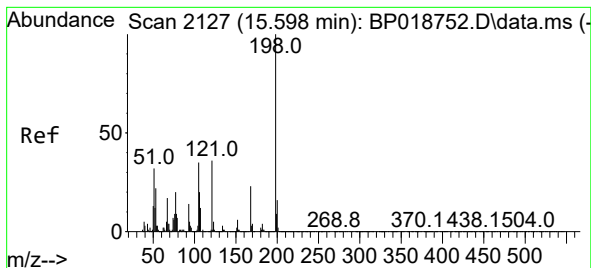
Tgt Ion:204 Resp: 542794
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 52.8 45.8 68.8



#63
4-Nitroaniline
Concen: 33.891 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:138 Resp: 220730
Ion Ratio Lower Upper
138 100
92 55.0 42.3 63.5
108 99.2 62.0 93.0#

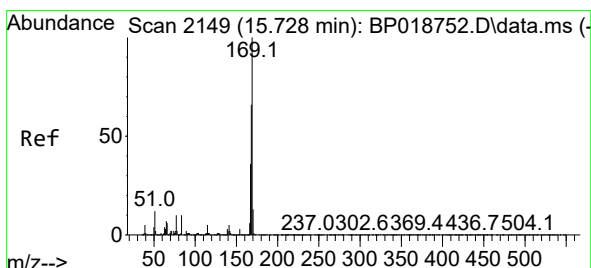
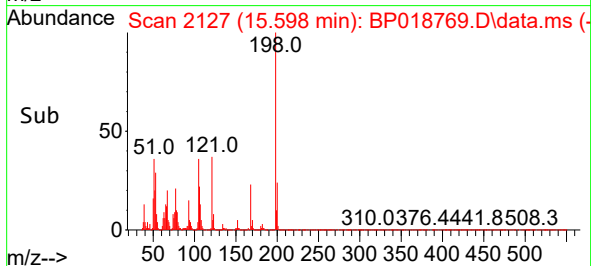
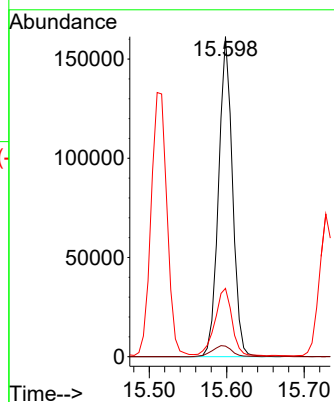
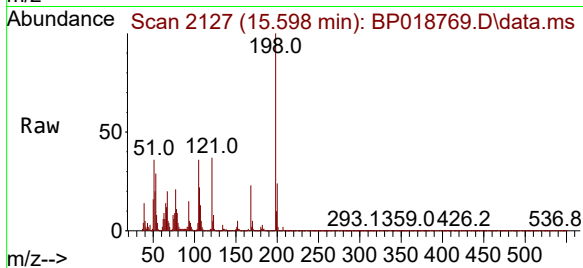




#66
4,6-Dinitro-2-methylphenol
Concen: 31.978 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

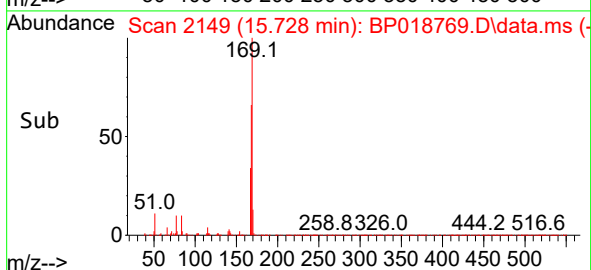
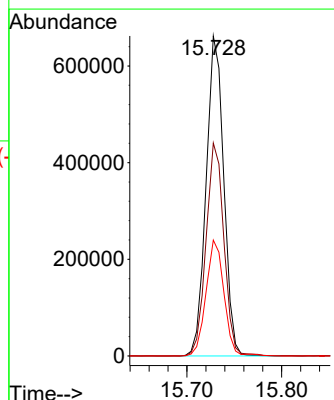
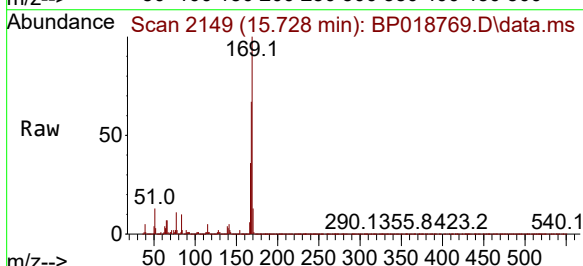
Instrument :
BNA_P
ClientSampleId :

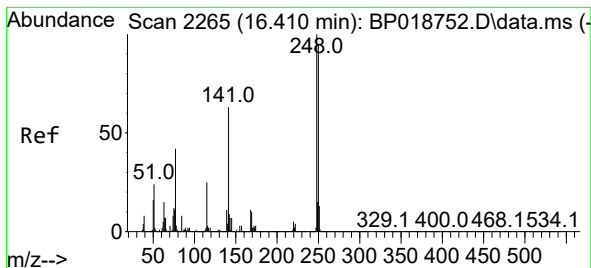
Tgt Ion:198 Resp: 200938
Ion Ratio Lower Upper
198 100
182 3.3 3.4 5.2#
77 21.3 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 26.206 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:169 Resp: 851190
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 36.2 29.1 43.7

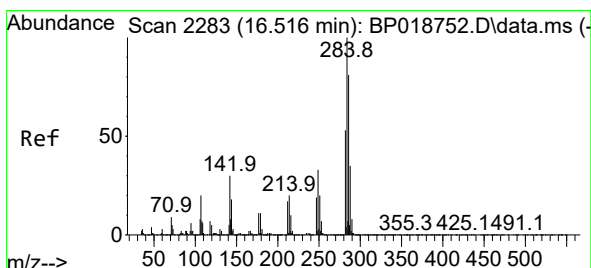
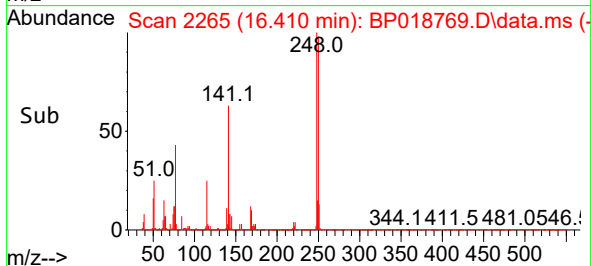
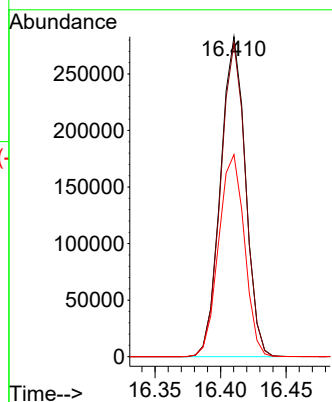
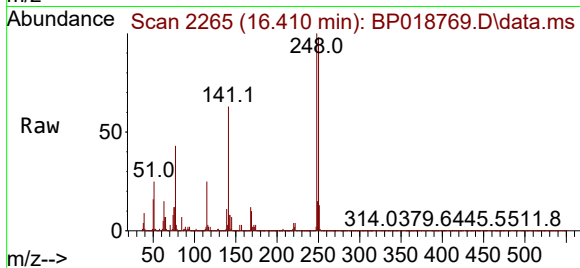




#68
4-Bromophenyl-phenylether
Concen: 30.162 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

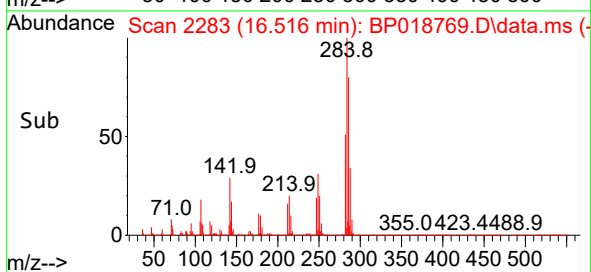
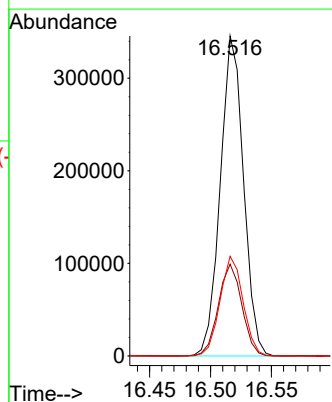
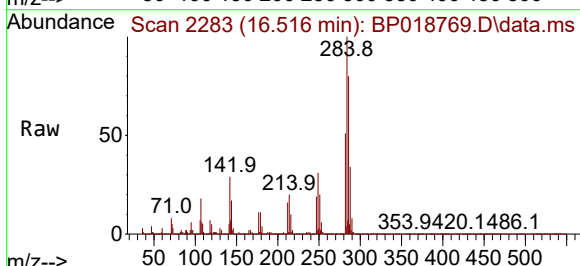
Instrument :
BNA_P
ClientSampleId :

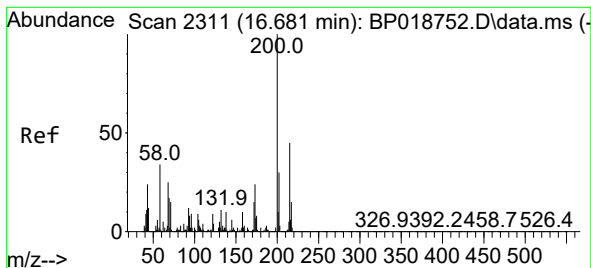
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.3	118.9
141	63.2	57.2	85.8



#69
Hexachlorobenzene
Concen: 33.166 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.8	38.6
249	31.2	24.9	37.3





#70

Atrazine

Concen: 23.930 ng/ul

RT: 16.687 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

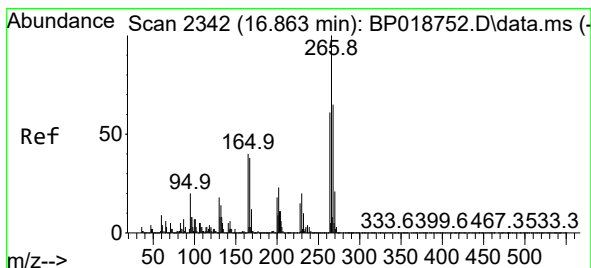
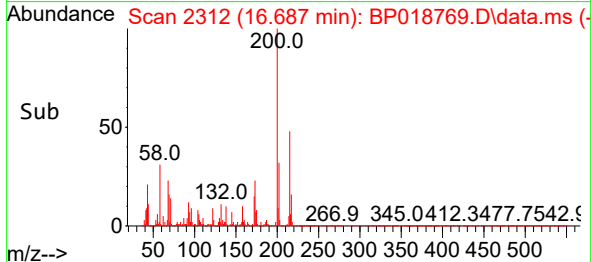
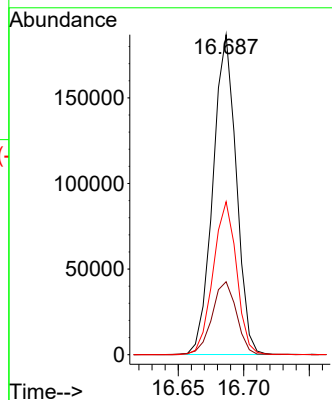
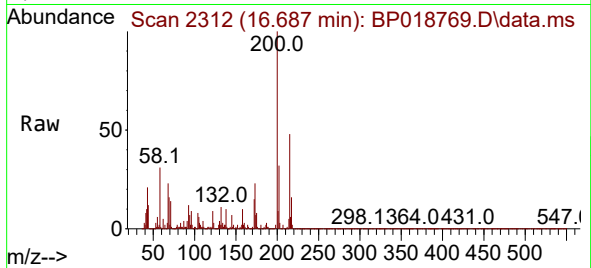
Tgt Ion:200 Resp: 231089

Ion Ratio Lower Upper

200 100

173 22.8 21.0 31.4

215 47.8 38.2 57.2



#71

Pentachlorophenol

Concen: 32.651 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

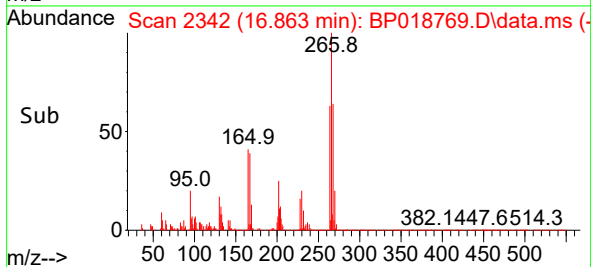
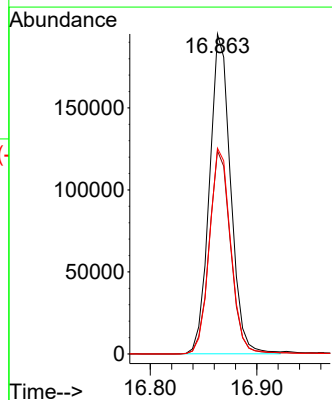
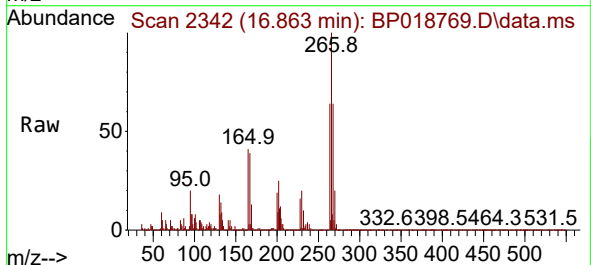
Tgt Ion:266 Resp: 268291

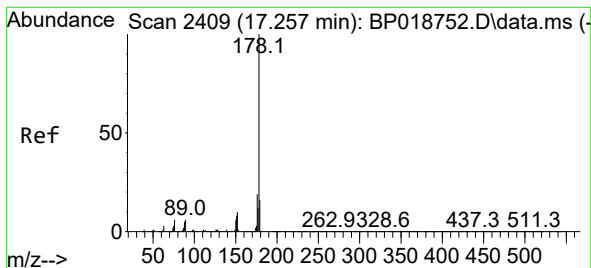
Ion Ratio Lower Upper

266 100

264 63.5 50.2 75.2

268 64.3 50.5 75.7





#72

Phenanthrene

Concen: 28.436 ng/ul

RT: 17.257 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

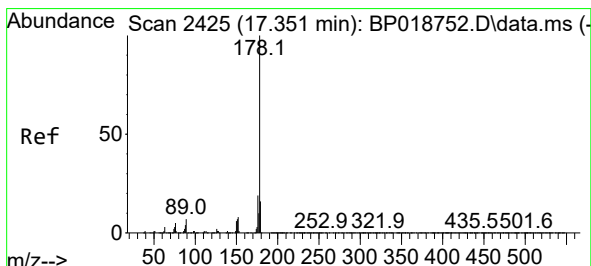
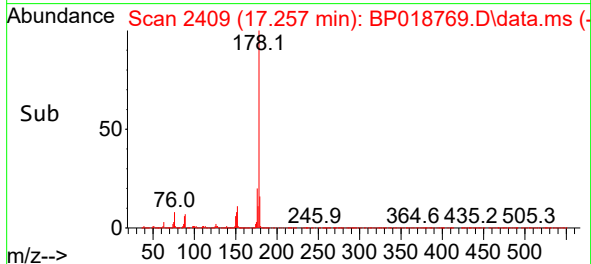
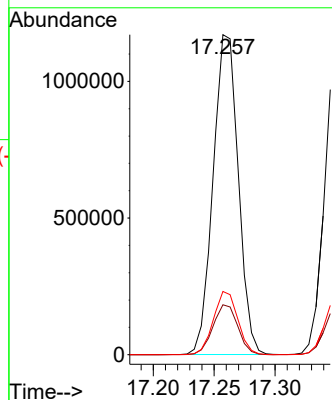
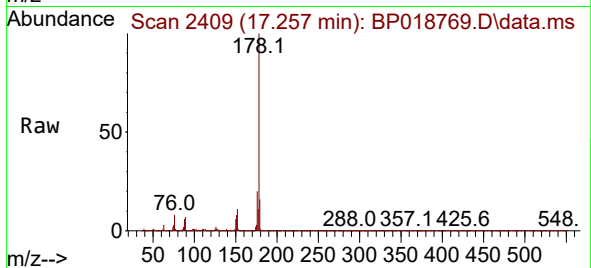
Tgt Ion:178 Resp: 1683396

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.8 15.4 23.2



#74

Anthracene

Concen: 27.897 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

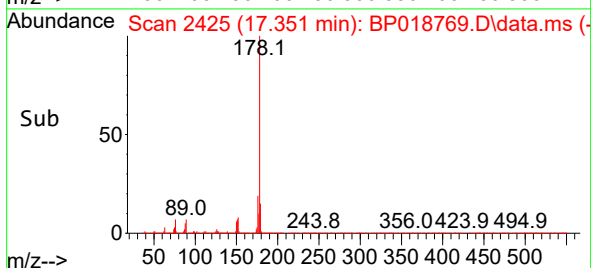
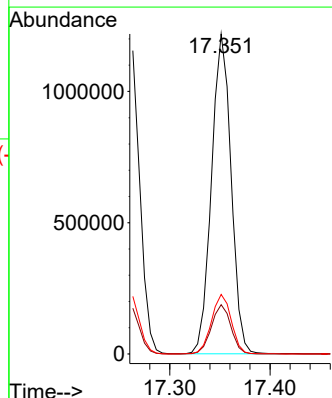
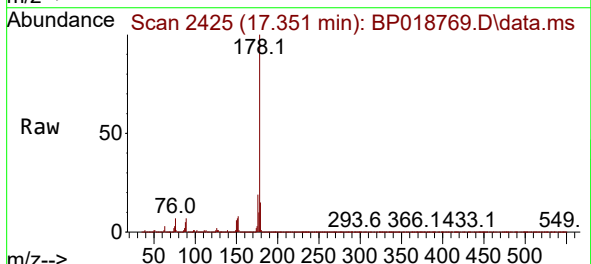
Tgt Ion:178 Resp: 1655453

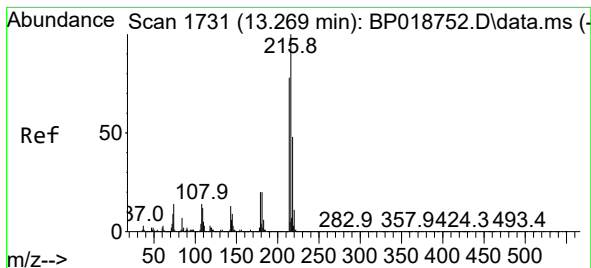
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.6 15.0 22.6

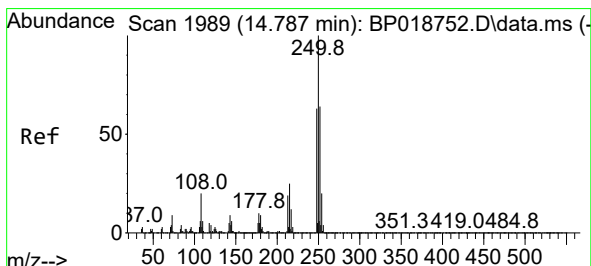
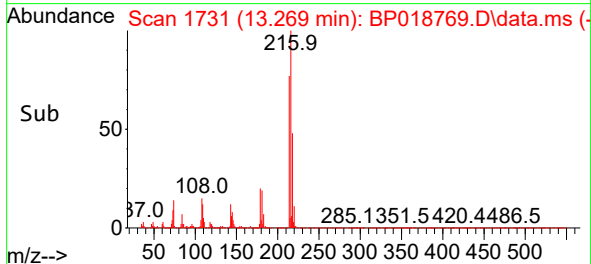
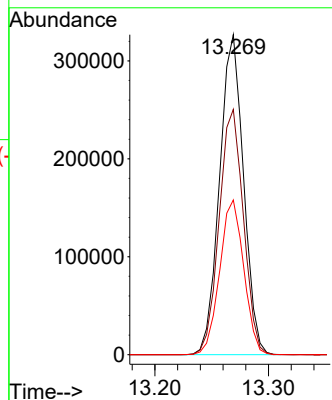
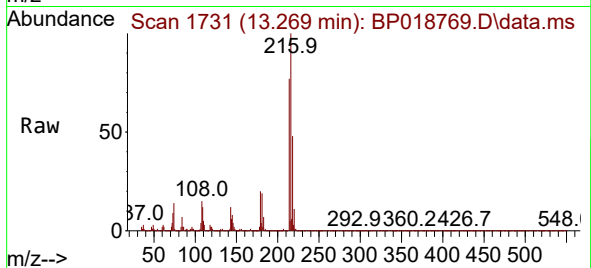




#75
1,2,3,4-Tetrachlorobenzene
Concen: 28.260 ng/uL
RT: 13.269 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

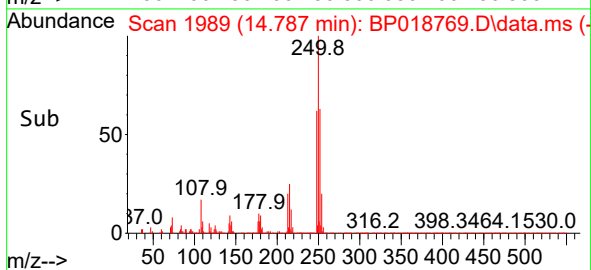
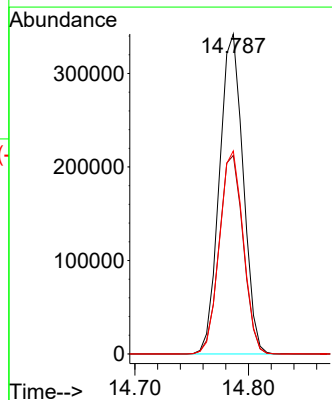
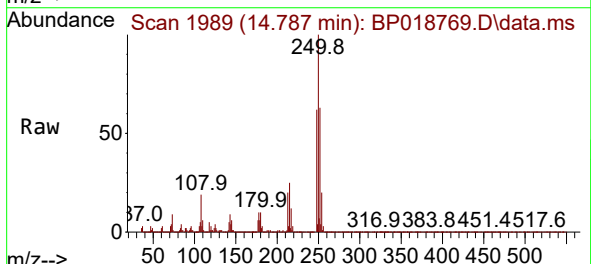
Instrument :
BNA_P
ClientSampleId :

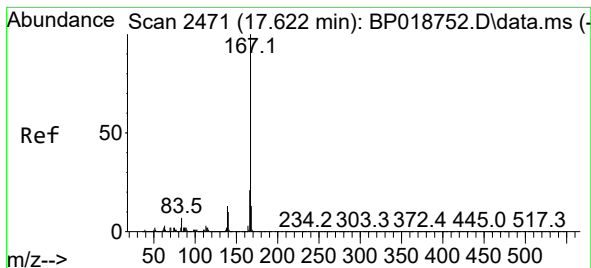
Tgt Ion:216 Resp: 478968
Ion Ratio Lower Upper
216 100
214 76.7 61.4 92.2
218 48.4 39.2 58.8



#76
Pentachlorobenzene
Concen: 29.851 ng/uL
RT: 14.787 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BP018769.D
Acq: 12 Dec 2023 15:45

Tgt Ion:250 Resp: 496979
Ion Ratio Lower Upper
250 100
248 62.0 50.6 75.8
252 63.4 51.3 76.9





#77

Carbazole

Concen: 32.683 ng/ul

RT: 17.628 min Scan# 2471

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

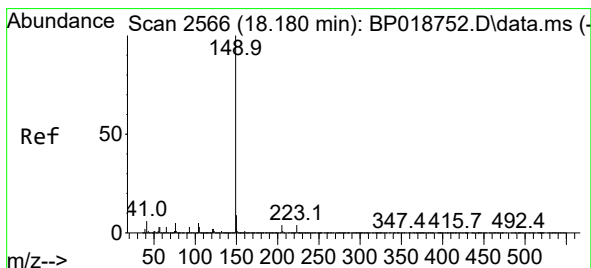
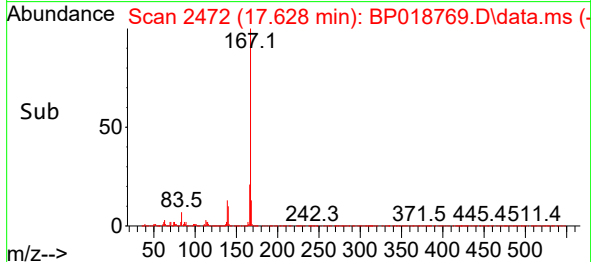
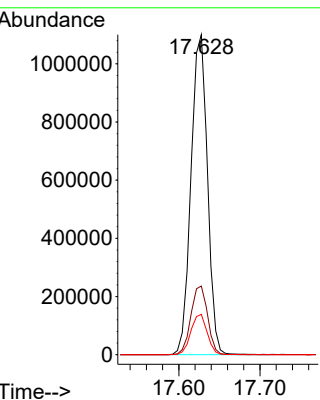
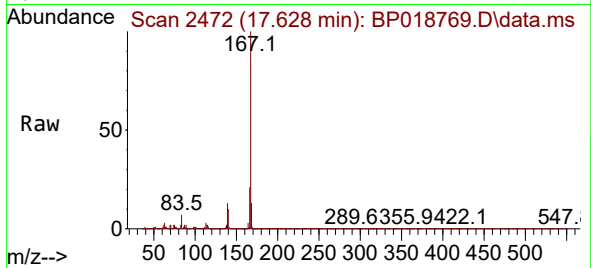
Tgt Ion:167 Resp: 1545730

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.6 10.2 15.4



#78

Di-n-butylphthalate

Concen: 29.491 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

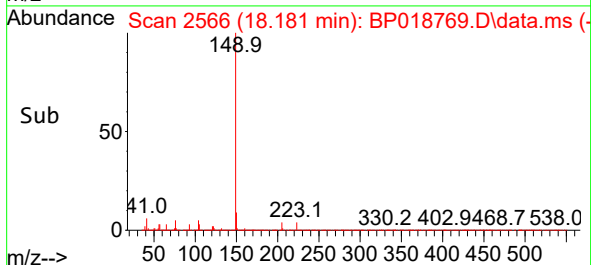
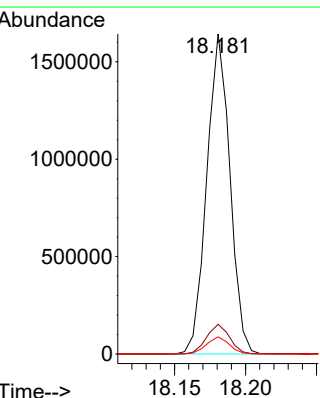
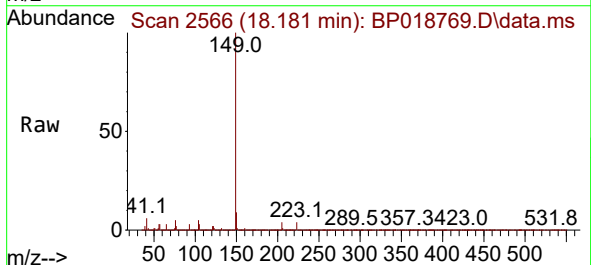
Tgt Ion:149 Resp: 1857178

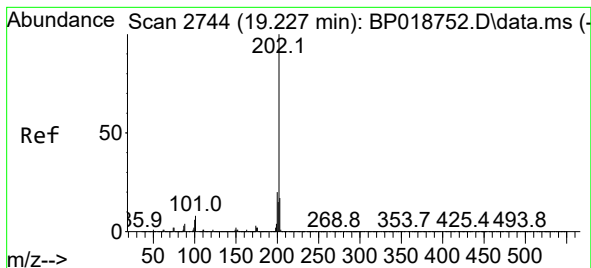
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.3 3.9 5.9





#80

Fluoranthene

Concen: 22.512 ng/ul

RT: 19.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

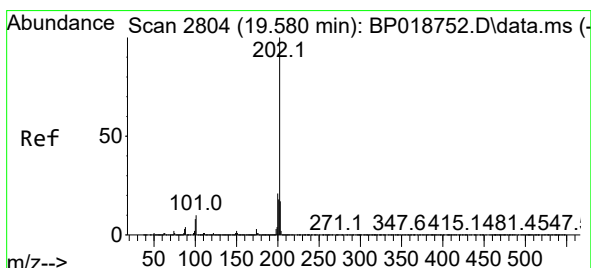
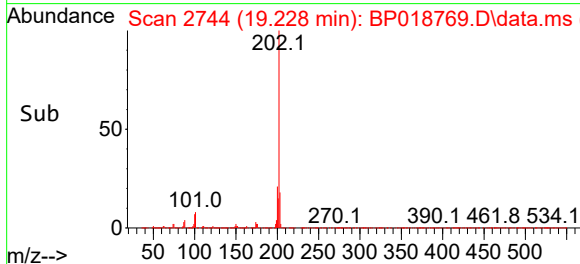
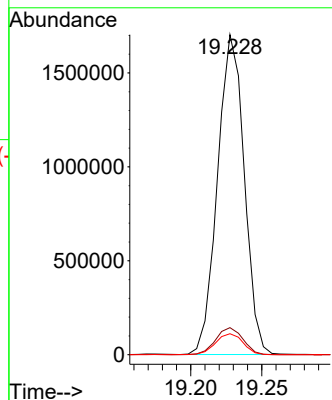
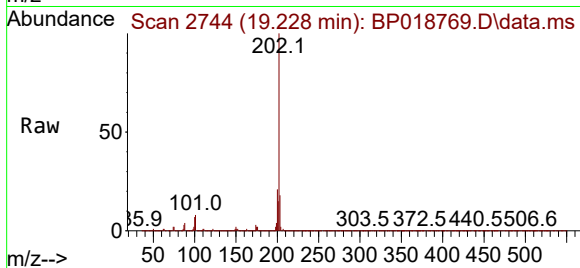
Tgt Ion:202 Resp: 2229539

Ion Ratio Lower Upper

202 100

101 8.5 9.1 13.7#

100 6.6 7.1 10.7#



#82

Pyrene

Concen: 22.911 ng/ul

RT: 19.581 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

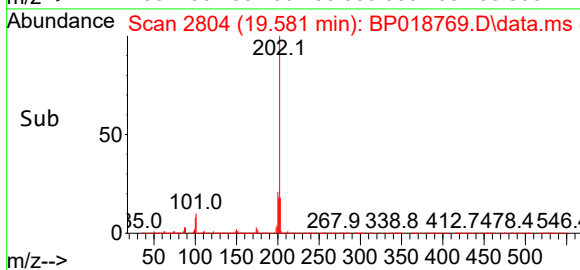
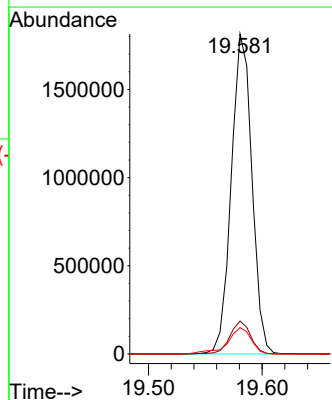
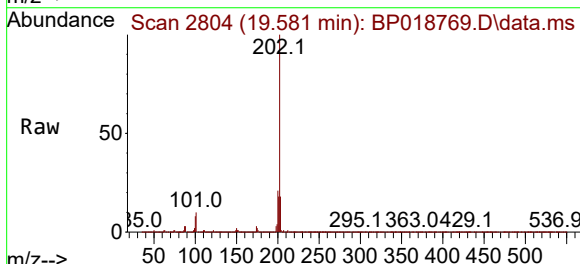
Tgt Ion:202 Resp: 2289049

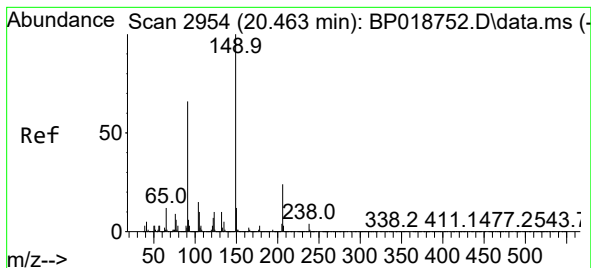
Ion Ratio Lower Upper

202 100

101 10.3 11.0 16.4#

100 8.3 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 24.422 ng/ul

RT: 20.463 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

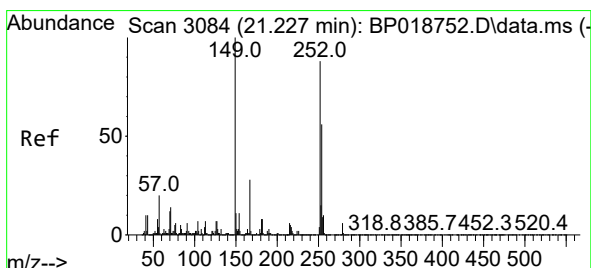
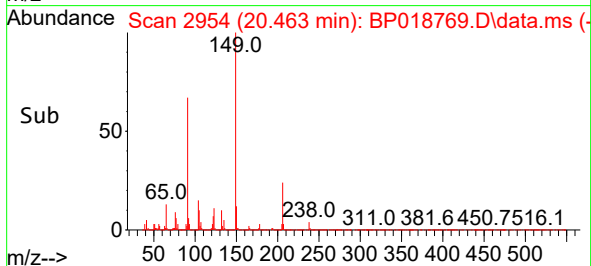
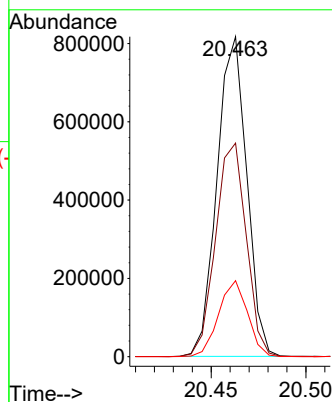
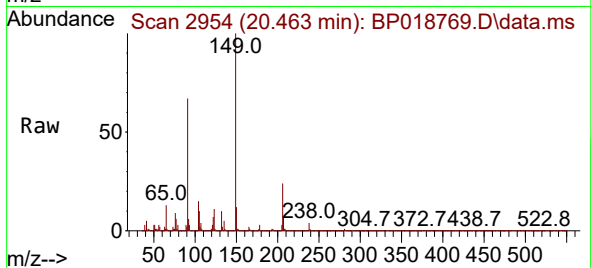
Tgt Ion:149 Resp: 893271

Ion Ratio Lower Upper

149 100

91 66.8 56.6 85.0

206 23.8 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 30.412 ng/ul

RT: 21.228 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

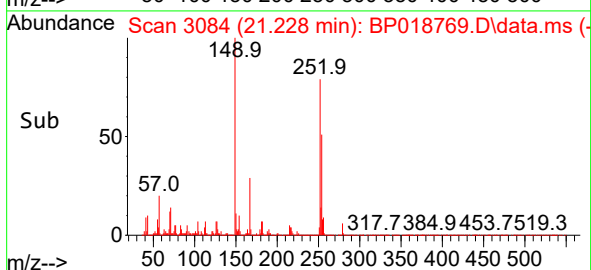
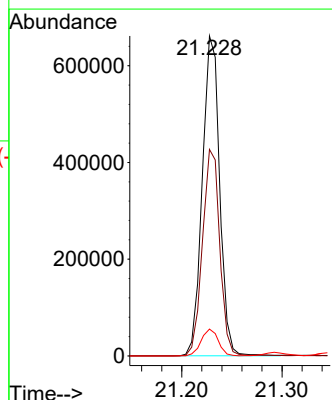
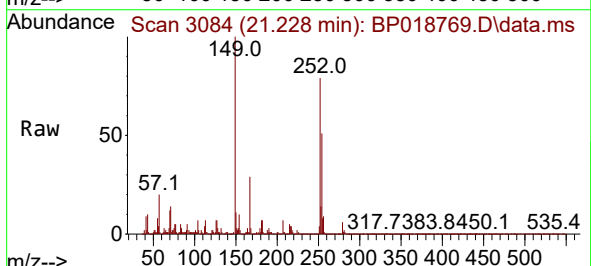
Tgt Ion:252 Resp: 795449

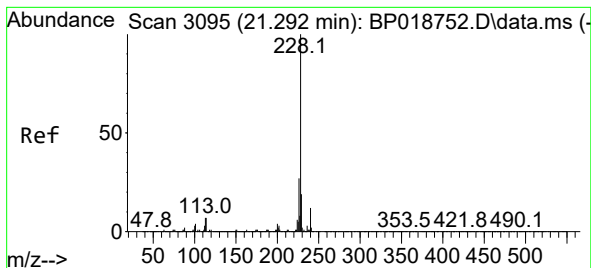
Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.4

126 8.4 7.8 11.6





#85

Benzo(a)anthracene

Concen: 28.695 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

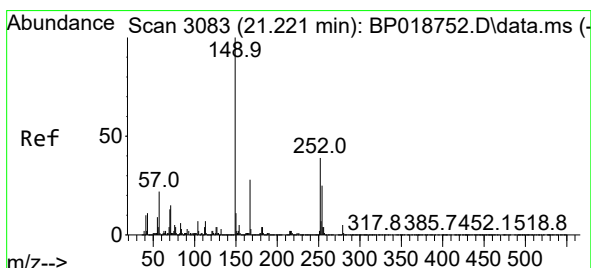
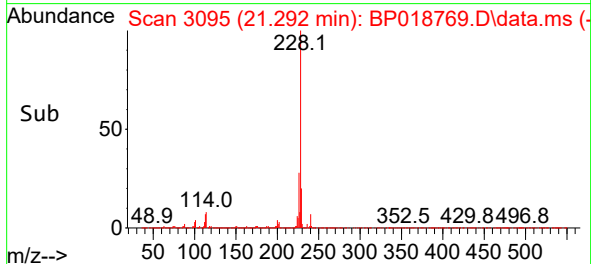
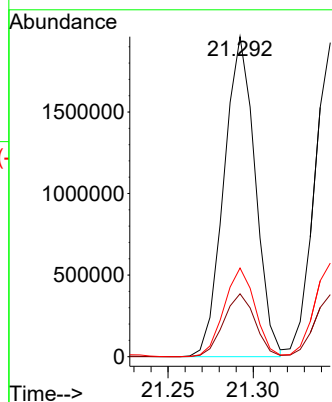
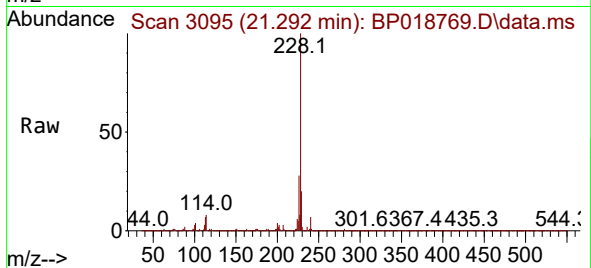
Tgt Ion:228 Resp: 2506953

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.7 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 26.035 ng/ul

RT: 21.222 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

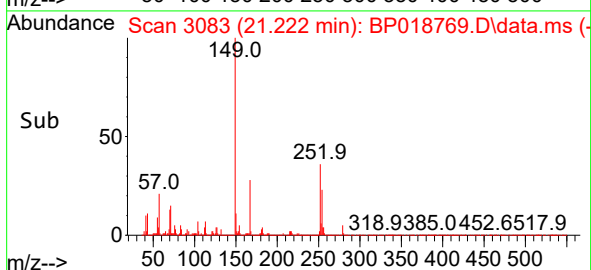
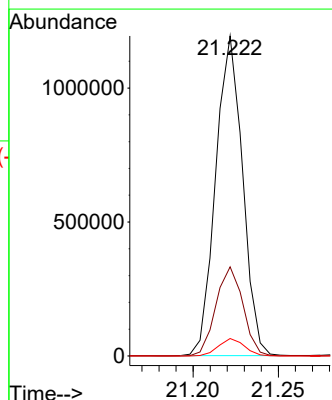
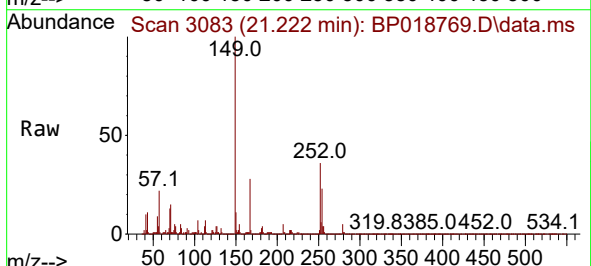
Tgt Ion:149 Resp: 1308810

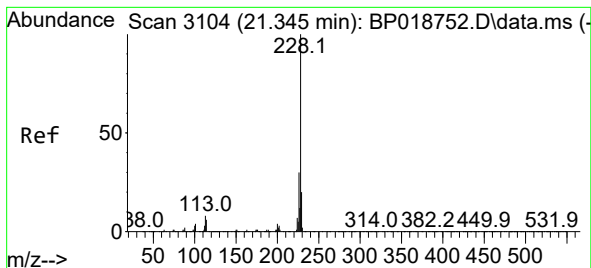
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 5.5 3.3 4.9#





#87

Chrysene

Concen: 28.740 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

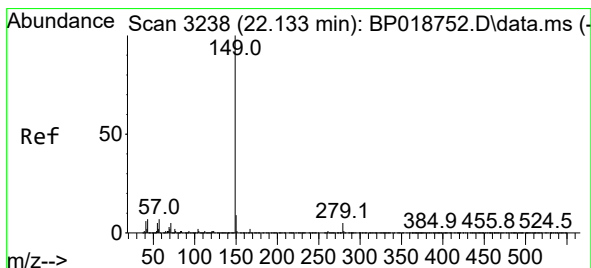
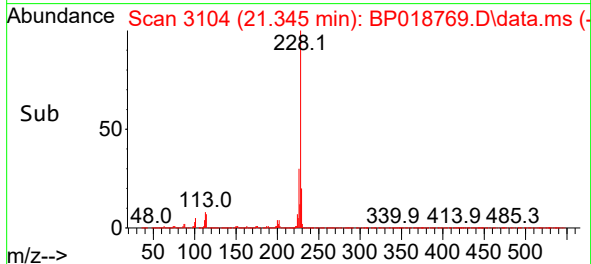
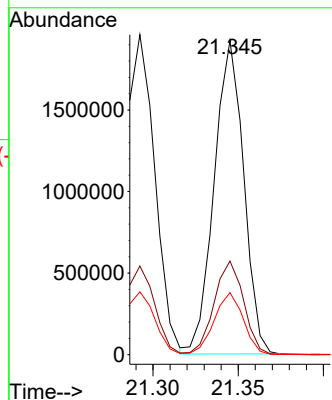
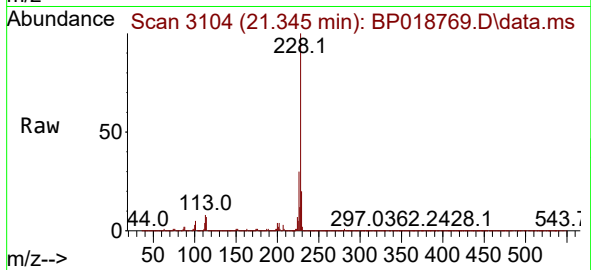
Tgt Ion:228 Resp: 2312228

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.7 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 26.177 ng/ul

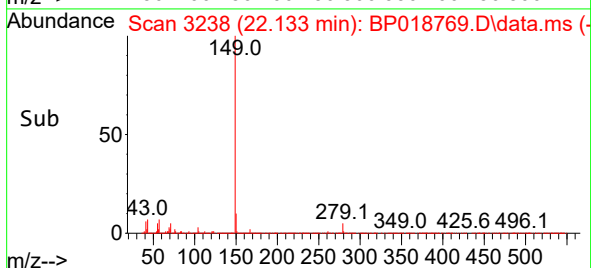
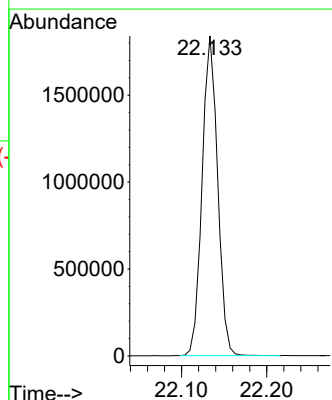
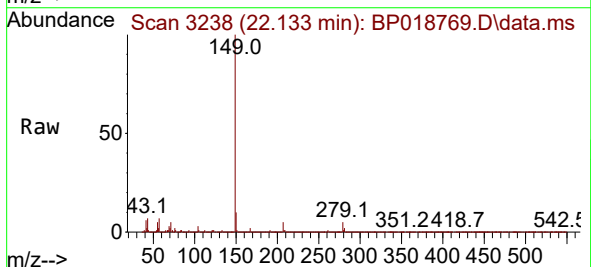
RT: 22.133 min Scan# 3238

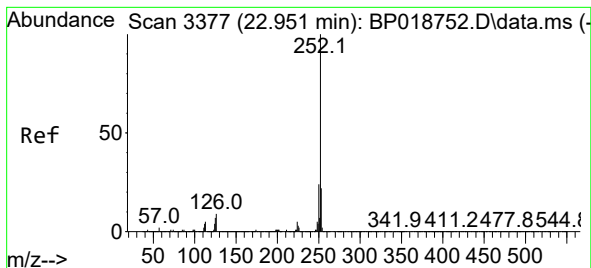
Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Tgt Ion:149 Resp: 2327581





#90

Benzo(b)fluoranthene

Concen: 29.624 ng/ul

RT: 22.951 min Scan# 3377

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

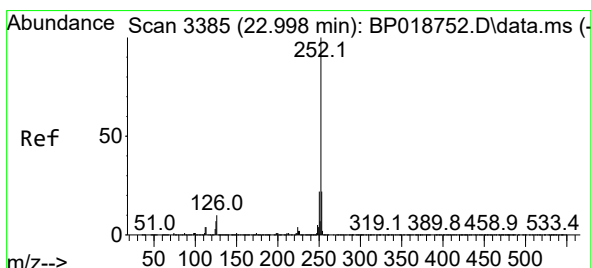
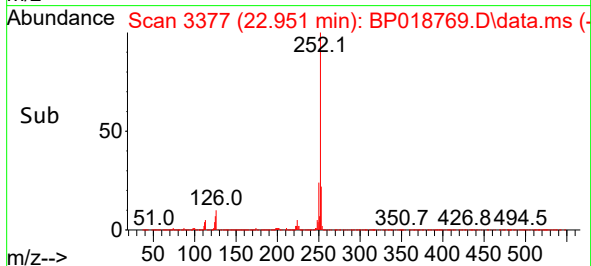
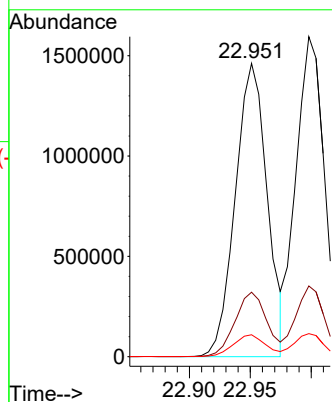
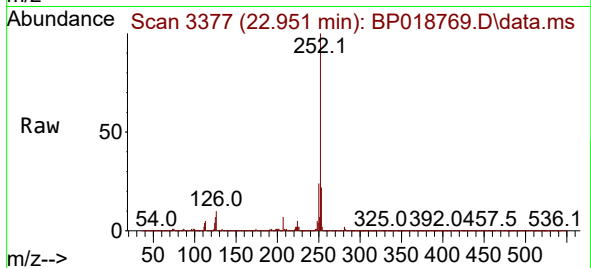
Tgt Ion:252 Resp: 2659947

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 7.5 7.8 11.6#



#91

Benzo(k)fluoranthene

Concen: 29.878 ng/ul

RT: 22.998 min Scan# 3385

Delta R.T. -0.006 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

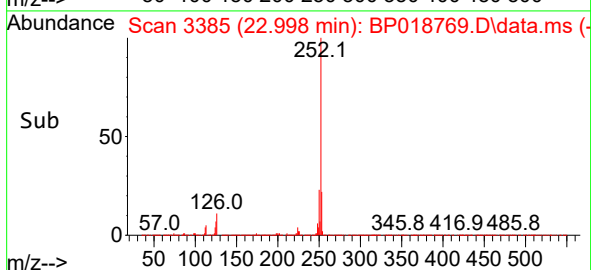
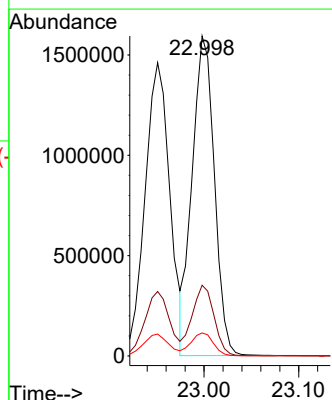
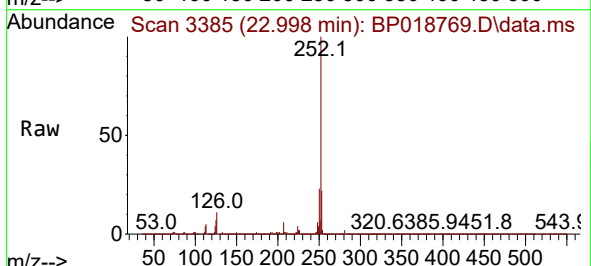
Tgt Ion:252 Resp: 2595762

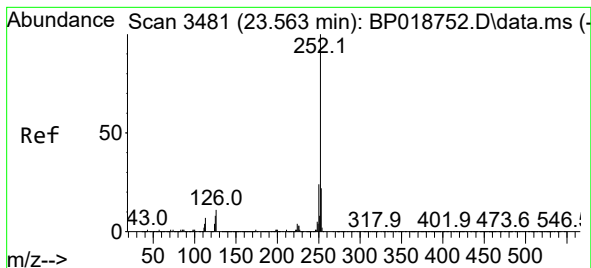
Ion Ratio Lower Upper

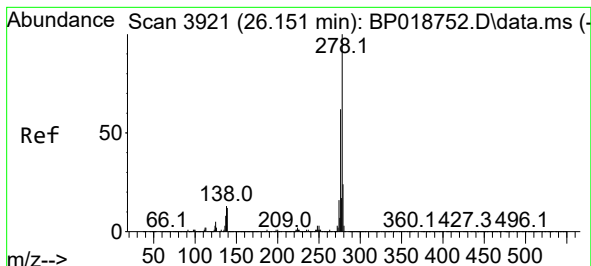
252 100

253 22.1 17.7 26.5

125 7.2 8.0 12.0#







#95

Dibenzo(a,h)anthracene

Concen: 31.941 ng/ul

RT: 26.151 min Scan# 3921

Delta R.T. -0.012 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Instrument :

BNA_P

ClientSampleId :

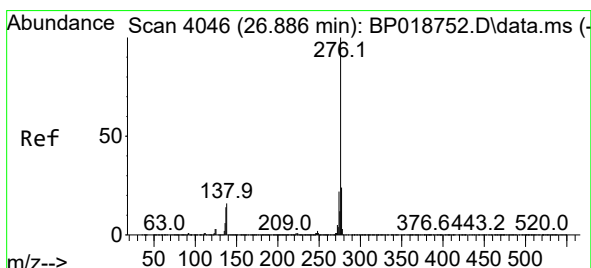
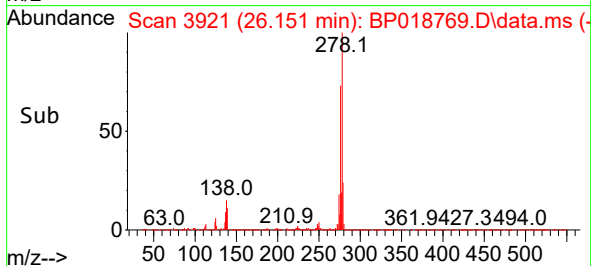
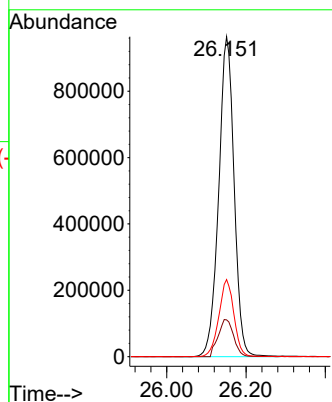
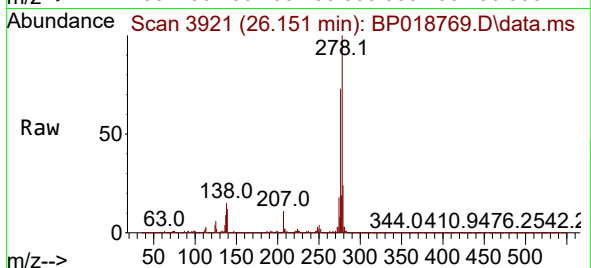
Tgt Ion:278 Resp: 2604607

Ion Ratio Lower Upper

278 100

139 11.5 13.0 19.6#

279 24.1 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 31.973 ng/ul

RT: 26.886 min Scan# 4046

Delta R.T. -0.017 min

Lab File: BP018769.D

Acq: 12 Dec 2023 15:45

Tgt Ion:276 Resp: 2522324

Ion Ratio Lower Upper

276 100

138 15.8 18.1 27.1#

277 23.8 19.4 29.0

