

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
 Data File : BP018184.D
 Acq On : 15 Nov 2023 21:05
 Operator : MA/JU
 Sample : PB157123BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 15 22:01:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	55287	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	218706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	142792	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	316951	20.000	ng/ul	0.00
79) Chrysene-d12	21.375	240	324824	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	355389	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	9479	6.048	ng/uL	0.00
4) Pyridine-d5	3.593	84	104896	25.669	ng/ul	0.00
7) Phenol-d5	6.952	99	146345	27.418	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	93119	29.687	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	122311	28.937	ng/ul	0.00
15) 4-Methylphenol-d8	8.511	113	116175	26.562	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	55731	28.284	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	67136	30.075	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	117389	29.505	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	114793	21.039	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	388847	29.514	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	416004	28.990	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	42201	21.435	ng/ul	-0.01
60) Fluorene-d10	15.463	176	325366	29.912	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	64560	28.176	ng/ul	0.00
73) Anthracene-d10	17.345	188	523555	30.542	ng/ul	0.00
81) Pyrene-d10	19.604	212	648989	29.912	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	654467	31.671	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	20349	11.898	ng/uL	95
5) Pyridine	3.611	79	116165	27.544	ng/ul	99
6) Benzaldehyde	6.958	77	82623	28.743	ng/ul	99
8) Phenol	6.981	94	143125	27.182	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.228	93	118035	28.895	ng/ul	95
12) 2-Chlorophenol	7.334	128	119768	28.221	ng/ul	98
13) 2-Methylphenol	8.240	108	107165	26.936	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.293	45	74821	16.041	ng/ul	95
16) Acetophenone	8.640	105	190599	27.415	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.605	70	100114	26.375	ng/ul	96
18) 4-Methylphenol	8.575	108	114035	26.283	ng/ul	95
19) Hexachloroethane	8.828	117	62176	30.621	ng/ul	90
22) Nitrobenzene	9.034	77	161127	30.284	ng/ul	95
23) Isophorone	9.534	82	274224	28.246	ng/ul	98
25) 2-Nitrophenol	9.734	139	67775	29.545	ng/ul	92
26) 2,4-Dimethylphenol	9.775	107	131187	26.884	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	154710	29.223	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	110642	29.122	ng/ul	96
30) Naphthalene	10.652	128	386808	29.082	ng/ul	99
32) 4-Chloroaniline	10.805	127	123223	23.578	ng/ul	98
33) Hexachlorobutadiene	10.863	225	89069	31.934	ng/ul	97
34) Caprolactam	11.628	113	16950	13.430	ng/ul	88
35) 4-Chloro-3-methylphenol	11.922	107	132299	28.944	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	264371	28.952	ng/ul	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111523\
 Data File : BP018184.D
 Acq On : 15 Nov 2023 21:05
 Operator : MA/JU
 Sample : PB157123BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

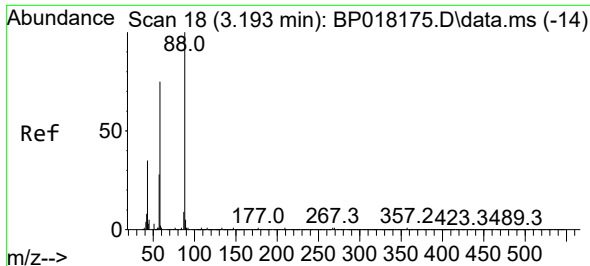
Quant Time: Nov 15 22:01:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	262565	27.982	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	146259	30.320	ng/ul	95
40) Hexachlorocyclopentadiene	12.557	237	46028	19.768	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	88210	27.876	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	91621	27.511	ng/ul	96
43) 1,1'-Biphenyl	13.293	154	354771	29.218	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	279425	28.986	ng/ul	99
45) 2-Nitroaniline	13.598	65	94534	30.389	ng/ul	92
47) Dimethylphthalate	13.934	163	384235	29.730	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	74740	29.095	ng/ul	95
50) Acenaphthylene	14.193	152	465810	28.751	ng/ul	100
51) 3-Nitroaniline	14.440	138	65952	27.668	ng/ul	88
52) Acenaphthene	14.528	153	313415	29.173	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	19333	13.796	ng/ul	94
55) 4-Nitrophenol	14.740	109	73930	28.290	ng/ul	87
56) Dibenzofuran	14.869	168	435316	29.568	ng/ul	94
57) 2,4-Dinitrotoluene	14.887	165	117386	30.585	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.093	232	76721	25.897	ng/ul#	96
59) Diethylphthalate	15.293	149	422783	31.312	ng/ul	100
61) Fluorene	15.522	166	372052	29.766	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	188280	30.739	ng/ul	98
63) 4-Nitroaniline	15.616	138	66052	29.364	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.640	198	62950	26.476	ng/ul	94
67) N-Nitrosodiphenylamine	15.745	169	309913	30.489	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	111561	31.230	ng/ul	95
69) Hexachlorobenzene	16.504	284	122603	30.758	ng/ul	98
70) Atrazine	16.710	200	74733	21.077	ng/ul	97
71) Pentachlorophenol	16.881	266	24435	10.099	ng/ul	96
72) Phenanthrene	17.287	178	602664	30.968	ng/ul	99
74) Anthracene	17.381	178	606295	30.529	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	146868	30.344	ng/uL	97
76) Pentachlorobenzene	14.757	250	146728	30.967	ng/uL	96
77) Carbazole	17.681	167	551435	31.975	ng/ul	100
78) Di-n-butylphthalate	18.186	149	752348	34.382	ng/ul	98
80) Fluoranthene	19.275	202	750666	29.625	ng/ul	98
82) Pyrene	19.633	202	783957	29.525	ng/ul	98
83) Butylbenzylphthalate	20.498	149	364833	32.672	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.310	252	232043	29.900	ng/ul	97
85) Benzo(a)anthracene	21.357	228	826182	31.499	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	533775	34.671	ng/ul	99
87) Chrysene	21.416	228	762115	31.058	ng/ul	100
89) Di-n-octyl phthalate	22.192	149	938087	35.296	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	799681	31.618	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	811512	31.891	ng/ul	99
93) Benzo(a)pyrene	23.733	252	761382	31.877	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	903926	31.554	ng/ul	100
95) Dibenzo(a,h)anthracene	26.492	278	755121	32.013	ng/ul	98
96) Benzo(g,h,i)perylene	27.280	276	724874	31.636	ng/ul	96

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

Quant Time: Nov 15 22:01:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

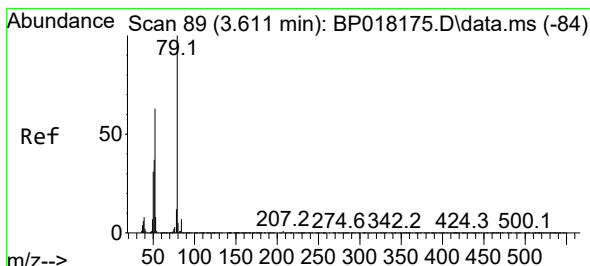
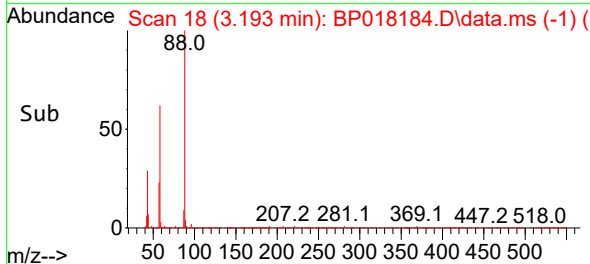
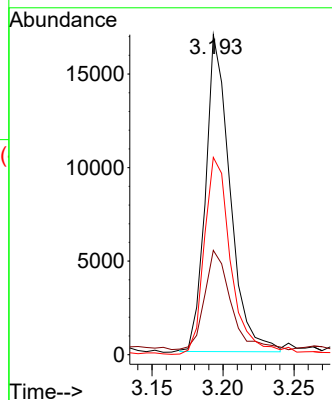
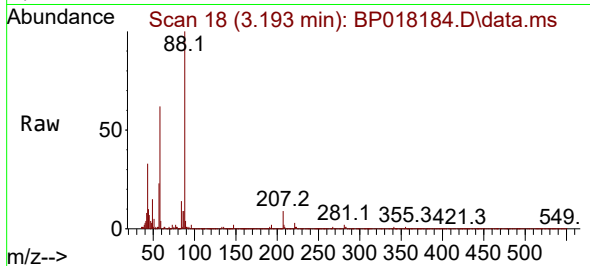




#2
1,4-Dioxane
Concen: 11.898 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

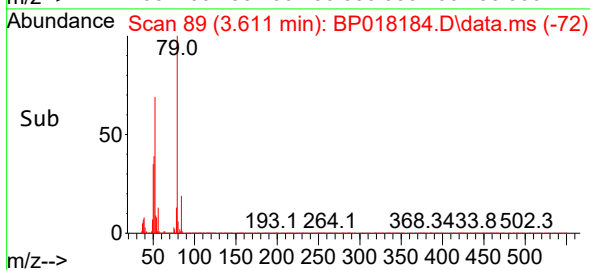
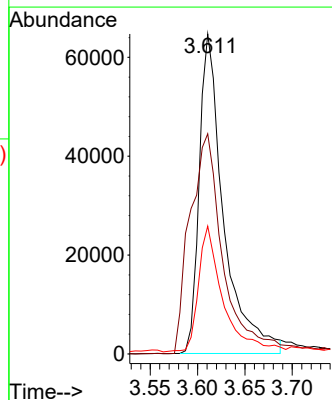
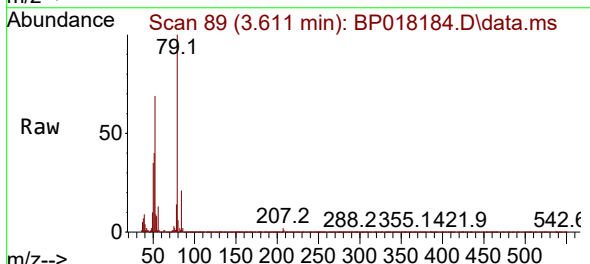
Instrument :
BNA_P
ClientSampleId :

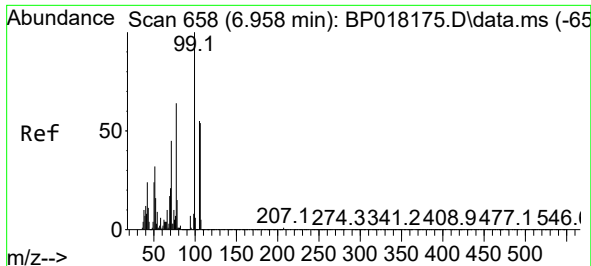
Tgt Ion: 88 Resp: 20349
Ion Ratio Lower Upper
88 100
43 32.6 25.4 38.2
58 61.7 53.3 79.9



#5
Pyridine
Concen: 27.544 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion: 79 Resp: 116165
Ion Ratio Lower Upper
79 100
52 68.8 53.9 80.9
51 39.9 32.2 48.2

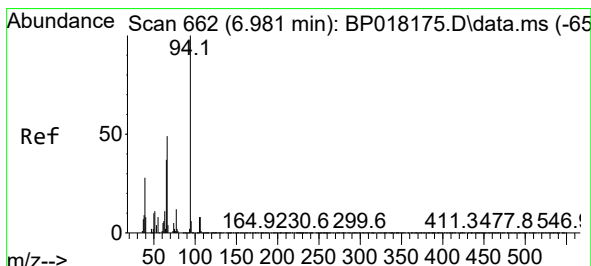
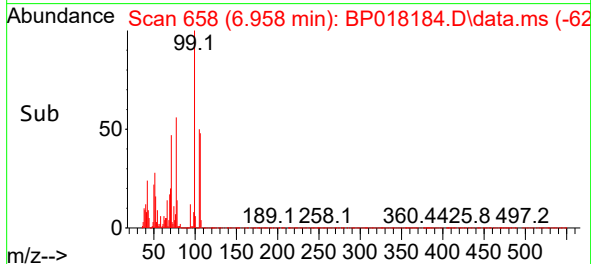
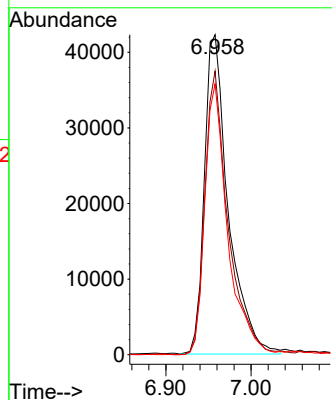
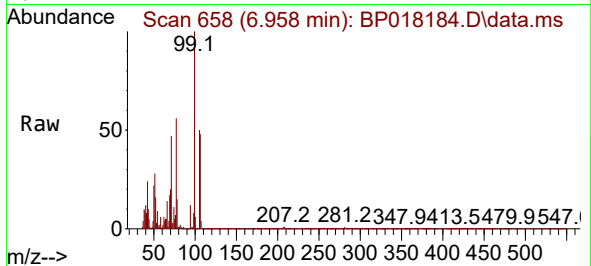




#6
Benzaldehyde
Concen: 28.743 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

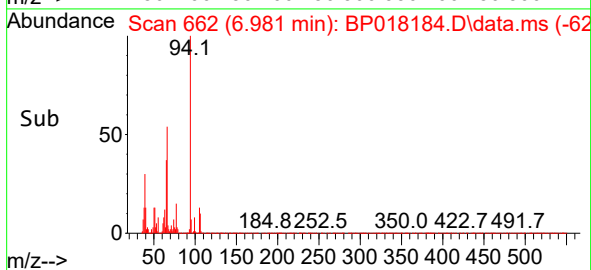
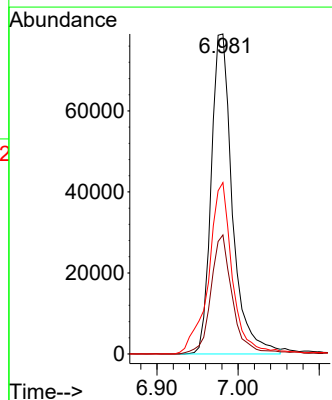
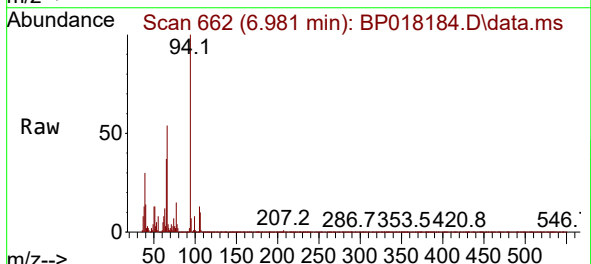
Instrument :
BNA_P
ClientSampleId :

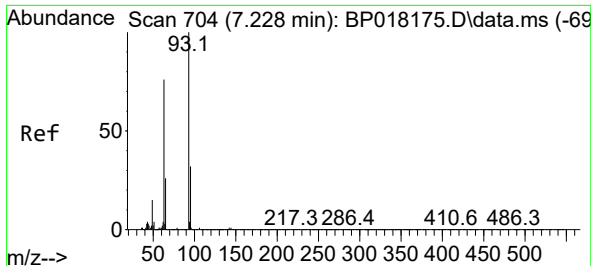
Tgt Ion: 77 Resp: 82623
Ion Ratio Lower Upper
77 100
105 88.6 72.7 109.1
106 84.7 67.5 101.3



#8
Phenol
Concen: 27.182 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion: 94 Resp: 143125
Ion Ratio Lower Upper
94 100
65 37.2 28.2 42.2
66 53.6 40.3 60.5

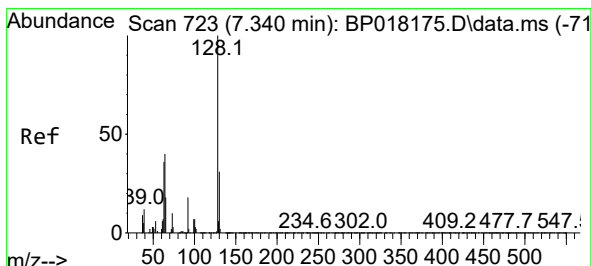
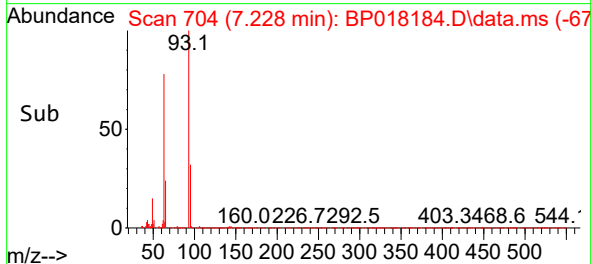
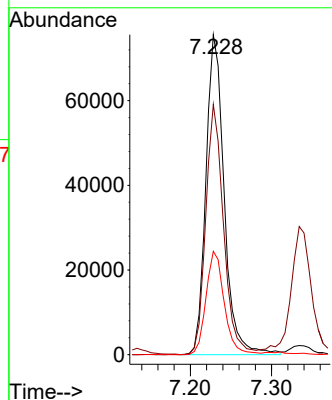
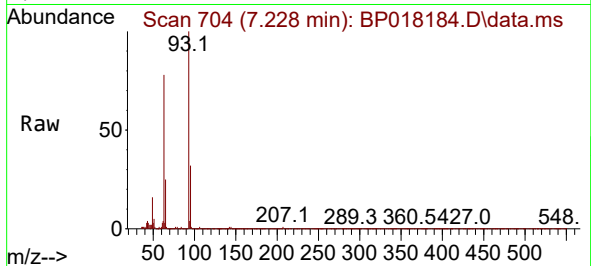




#10
 Bis(2-Chloroethyl)ether
 Concen: 28.895 ng/ul
 RT: 7.228 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: BP018184.D
 Acq: 15 Nov 2023 21:05

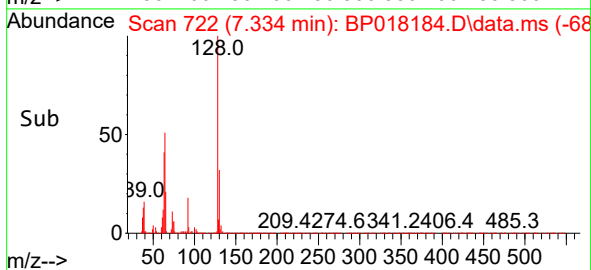
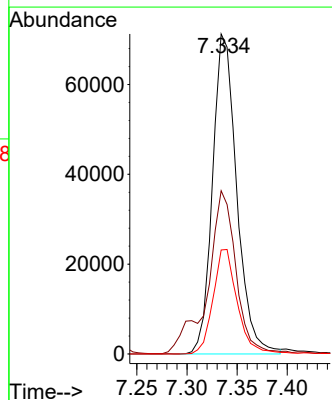
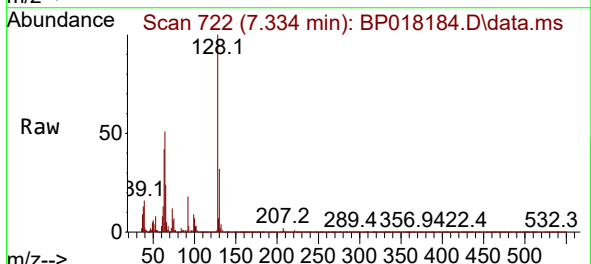
Instrument :
 BNA_P
 ClientSampleId :

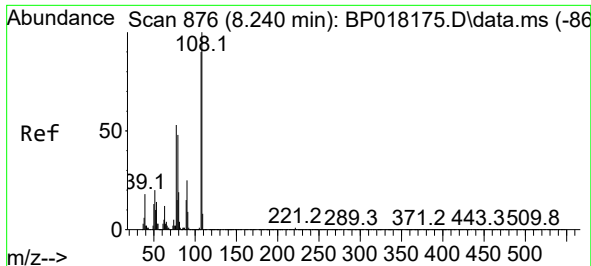
Tgt Ion: 93 Resp: 118035
 Ion Ratio Lower Upper
 93 100
 63 78.2 57.8 86.6
 95 32.3 25.5 38.3



#12
 2-Chlorophenol
 Concen: 28.221 ng/ul
 RT: 7.334 min Scan# 722
 Delta R.T. -0.006 min
 Lab File: BP018184.D
 Acq: 15 Nov 2023 21:05

Tgt Ion:128 Resp: 119768
 Ion Ratio Lower Upper
 128 100
 64 51.0 39.2 58.8
 130 32.5 26.6 40.0





#13

2-Methylphenol

Concen: 26.936 ng/ul

RT: 8.240 min Scan# 876

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

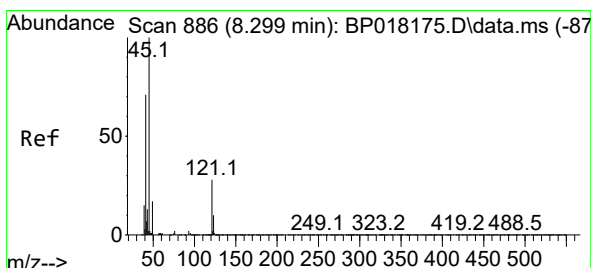
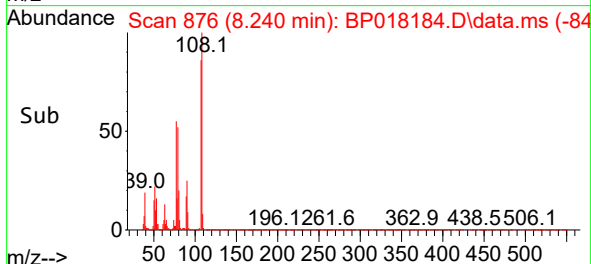
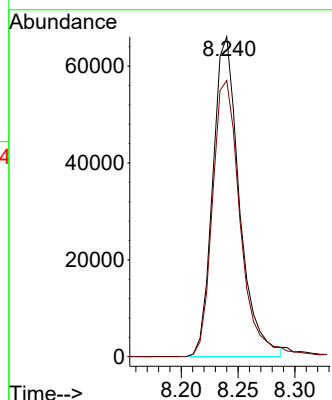
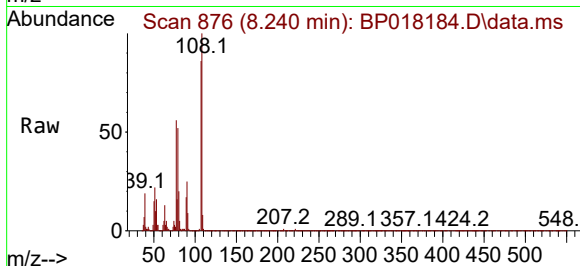
ClientSampleId :

Tgt Ion:108 Resp: 107165

Ion Ratio Lower Upper

108 100

107 86.3 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.041 ng/ul

RT: 8.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

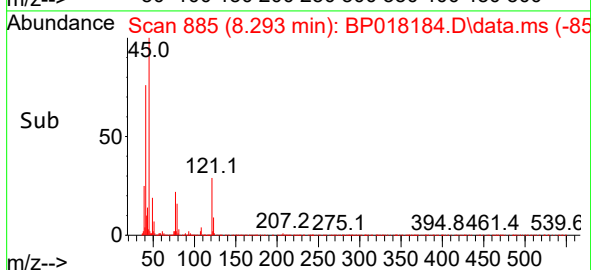
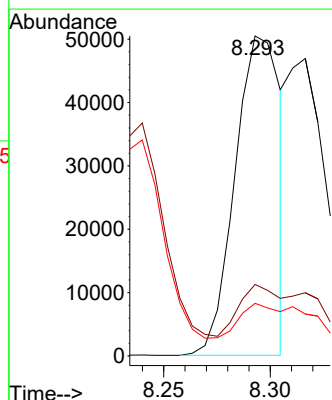
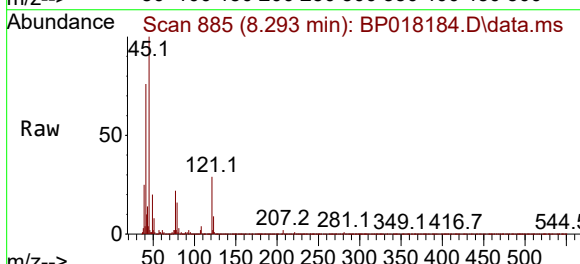
Tgt Ion: 45 Resp: 74821

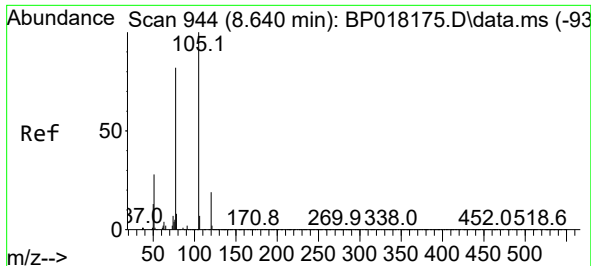
Ion Ratio Lower Upper

45 100

77 22.4 16.1 24.1

79 16.5 11.1 16.7

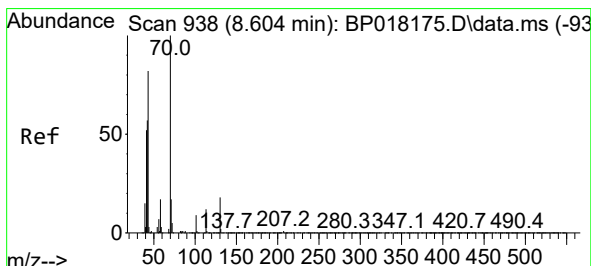
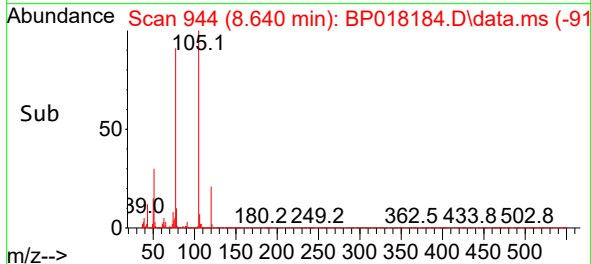
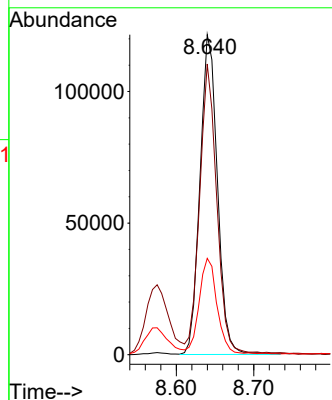
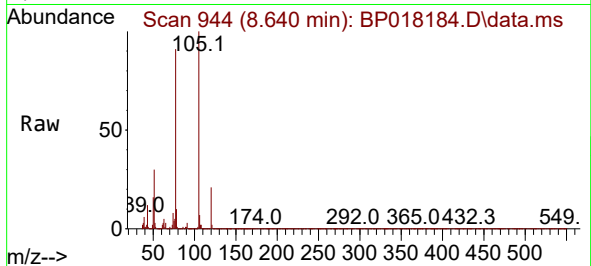




#16
Acetophenone
Concen: 27.415 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

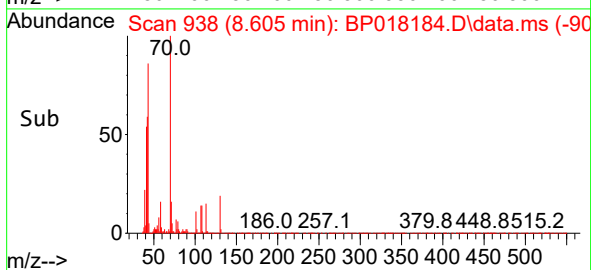
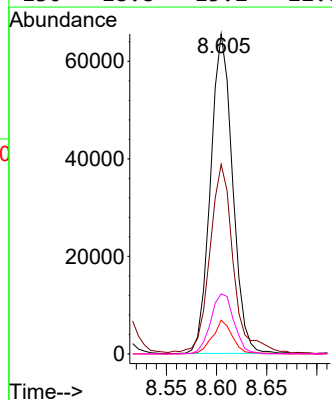
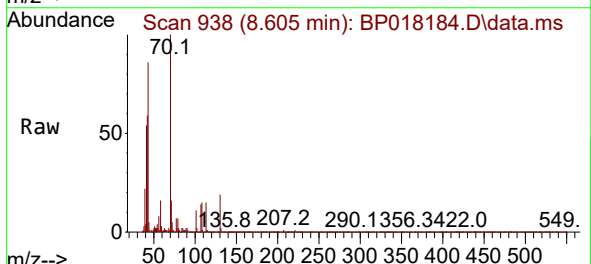
Instrument :
BNA_P
ClientSampleId :

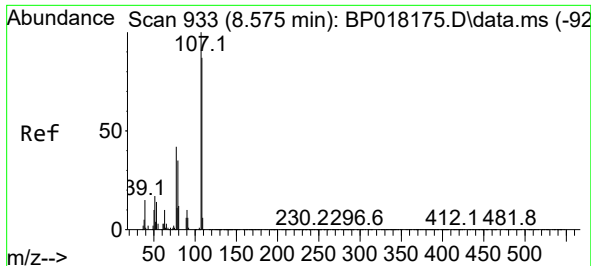
Tgt Ion:105 Resp: 190599
Ion Ratio Lower Upper
105 100
77 90.9 70.1 105.1
51 30.1 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 26.375 ng/ul
RT: 8.605 min Scan# 938
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion: 70 Resp: 100114
Ion Ratio Lower Upper
70 100
42 59.2 43.7 65.5
101 10.6 8.2 12.4
130 18.8 15.2 22.8

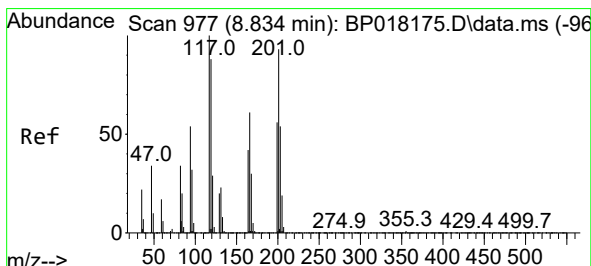
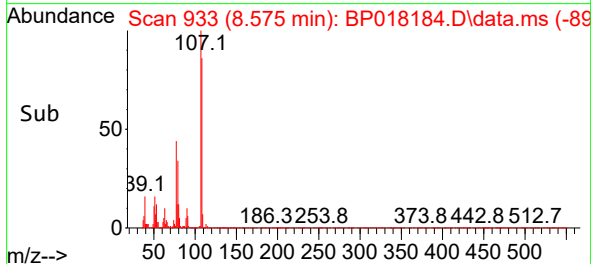
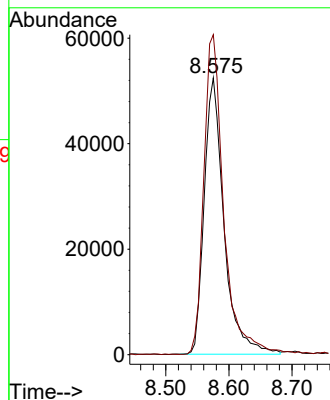
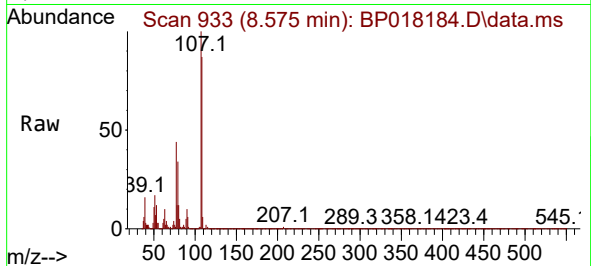




#18
4-Methylphenol
Concen: 26.283 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

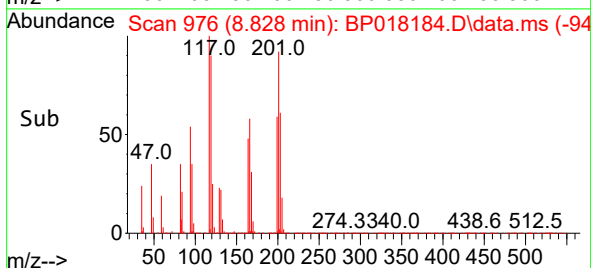
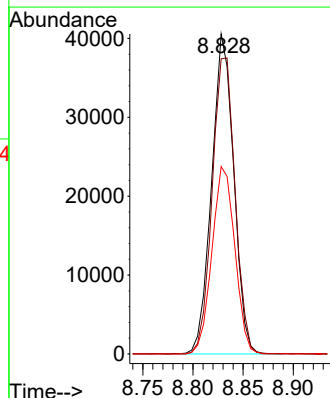
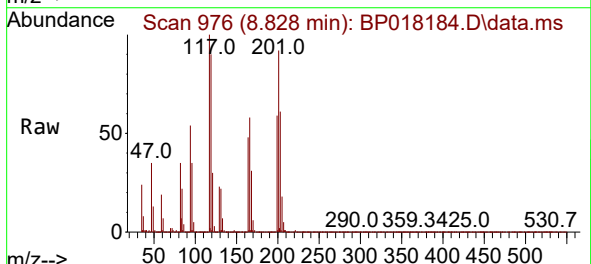
Instrument :
BNA_P
ClientSampleId :

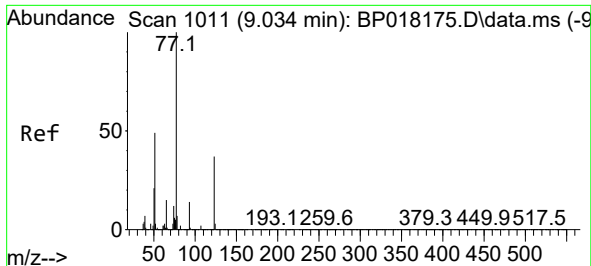
Tgt Ion:108 Resp: 114035
Ion Ratio Lower Upper
108 100
107 115.6 88.2 132.4



#19
Hexachloroethane
Concen: 30.621 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:117 Resp: 62176
Ion Ratio Lower Upper
117 100
201 92.2 84.8 127.2
199 58.5 49.0 73.4

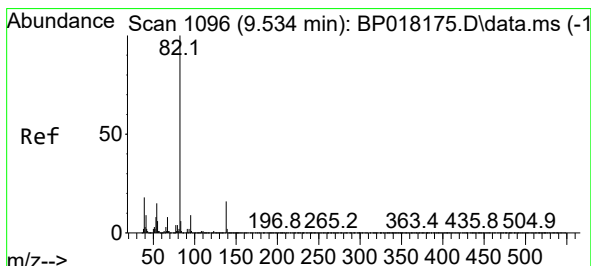
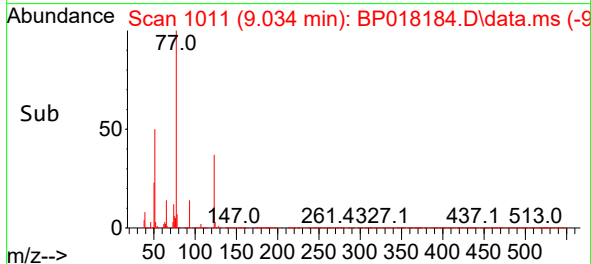
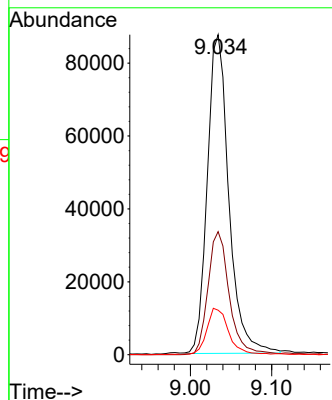
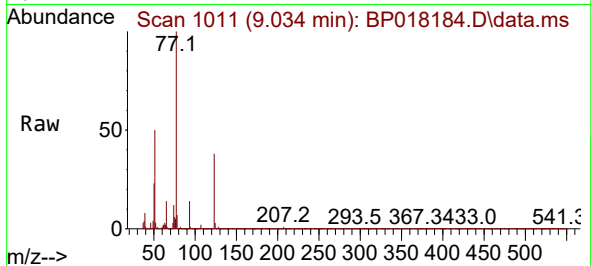




#22
Nitrobenzene
Concen: 30.284 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

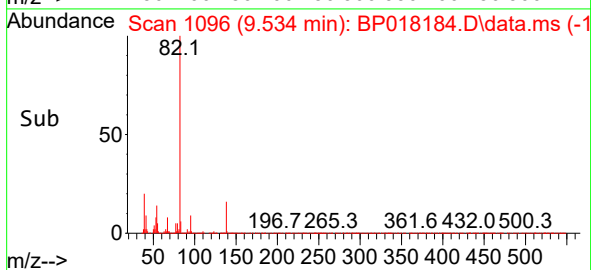
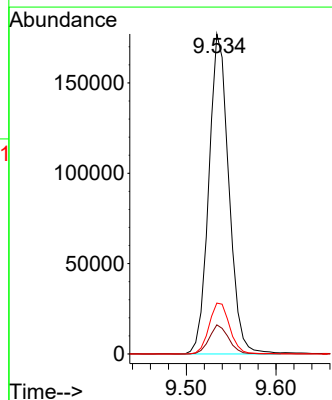
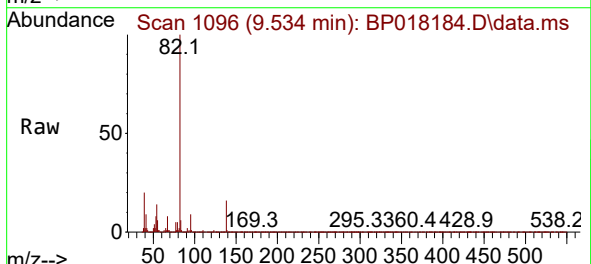
Instrument :
BNA_P
ClientSampleId :

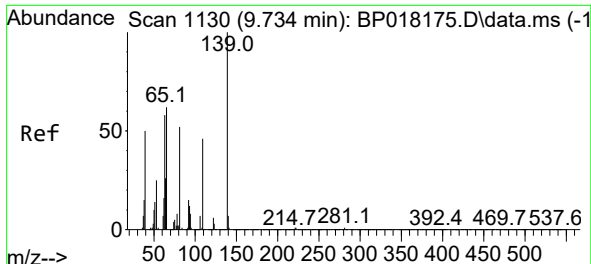
Tgt Ion: 77 Resp: 161127
Ion Ratio Lower Upper
77 100
123 38.4 27.8 41.8
65 13.9 11.5 17.3



#23
Isophorone
Concen: 28.246 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion: 82 Resp: 274224
Ion Ratio Lower Upper
82 100
95 9.1 6.6 9.8
138 15.9 13.1 19.7

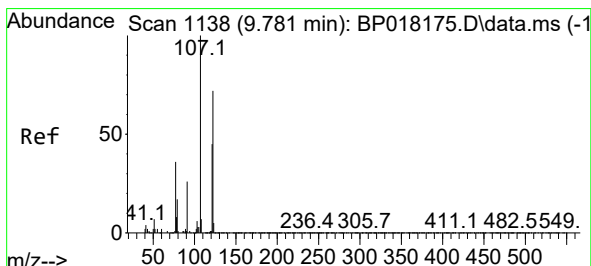
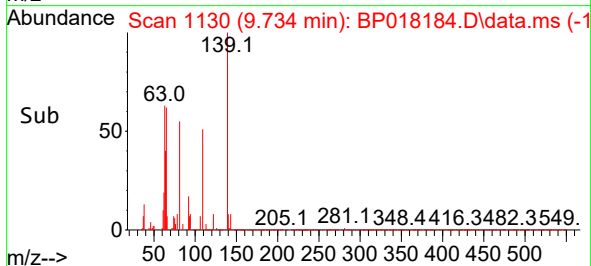
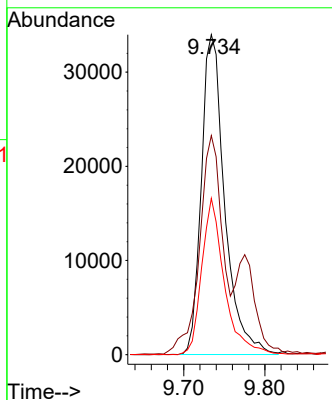
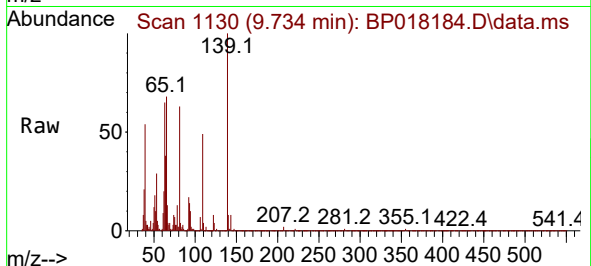




#25
2-Nitrophenol
Concen: 29.545 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

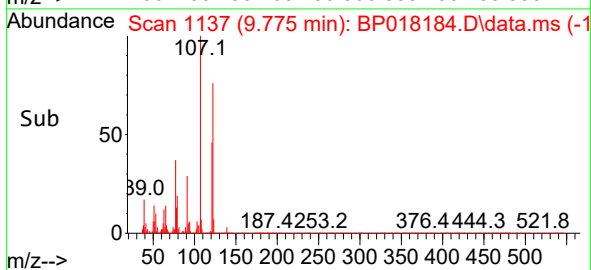
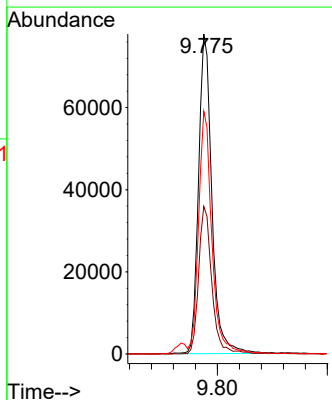
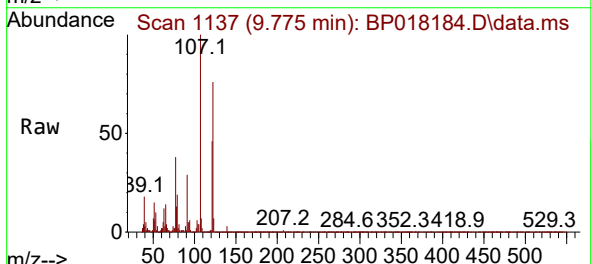
Instrument :
BNA_P
ClientSampleId :

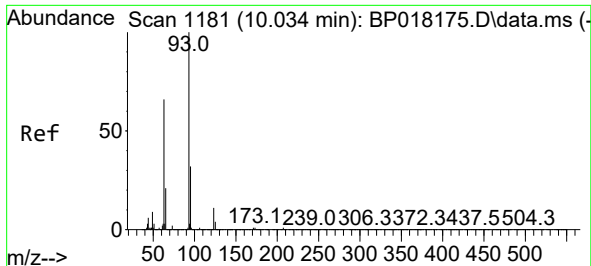
Tgt Ion	Ratio	Lower	Upper
139	100		
65	68.4	51.4	77.0
109	48.9	33.1	49.7



#26
2,4-Dimethylphenol
Concen: 26.884 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion	Ratio	Lower	Upper
107	100		
121	46.1	37.8	56.8
122	75.8	62.1	93.1

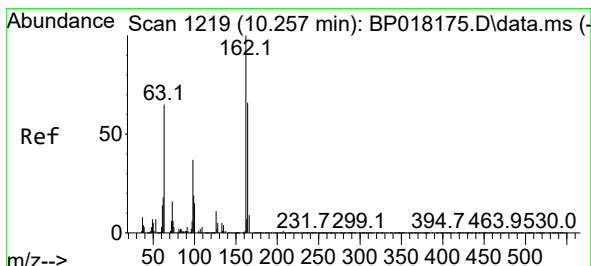
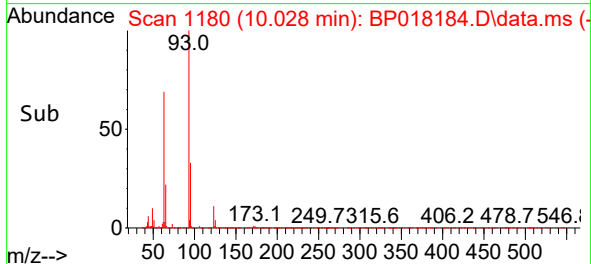
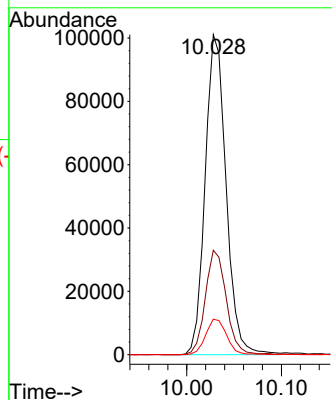
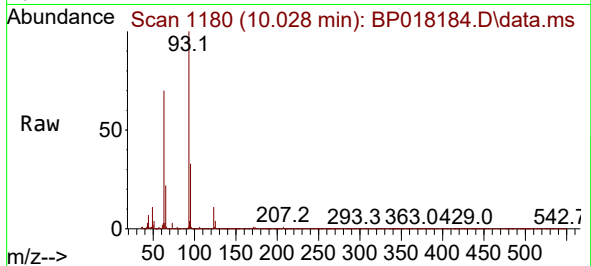




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.223 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BP018184.D
 Acq: 15 Nov 2023 21:05

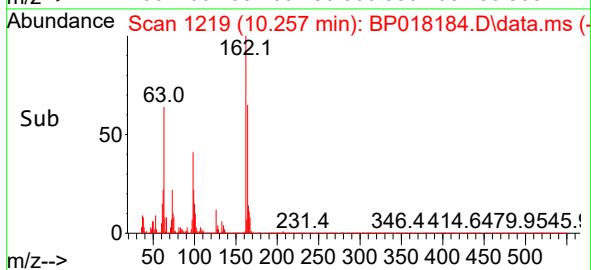
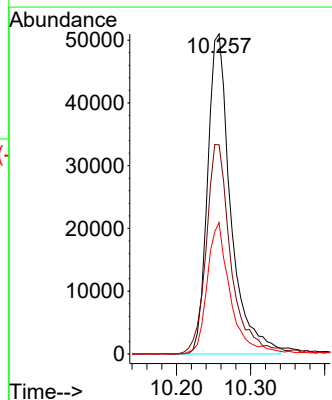
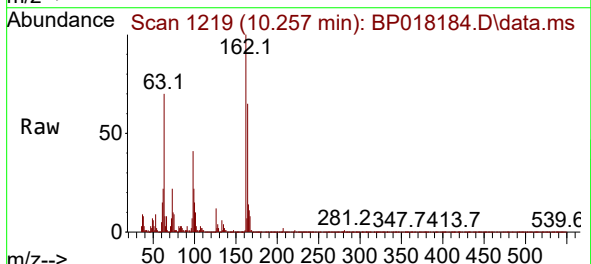
Instrument :
 BNA_P
 ClientSampleId :

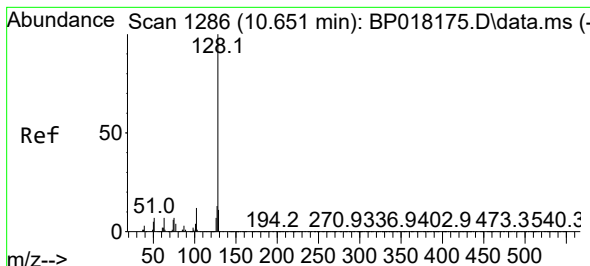
Tgt Ion: 93 Resp: 154710
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.2
 123 11.1 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 29.122 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP018184.D
 Acq: 15 Nov 2023 21:05

Tgt Ion: 162 Resp: 110642
 Ion Ratio Lower Upper
 162 100
 164 65.4 51.8 77.6
 98 41.0 28.7 43.1





#30

Naphthalene

Concen: 29.082 ng/ul

RT: 10.652 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

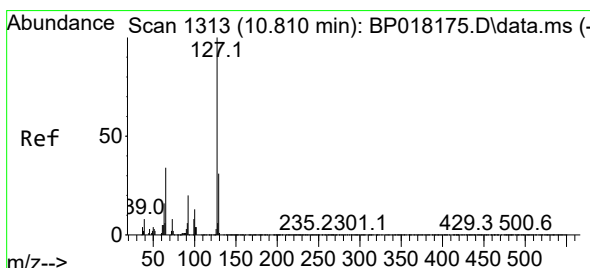
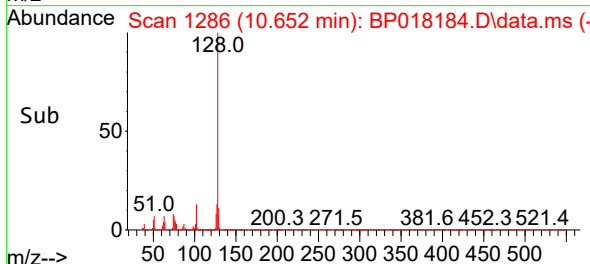
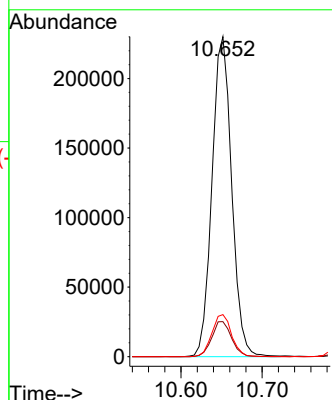
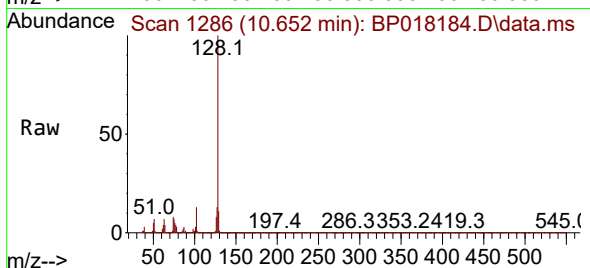
Tgt Ion:128 Resp: 386808

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.1 10.3 15.5



#32

4-Chloroaniline

Concen: 23.578 ng/ul

RT: 10.805 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BP018184.D

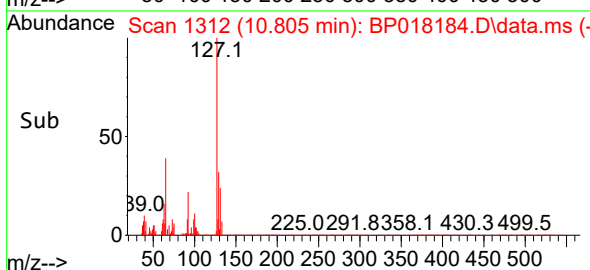
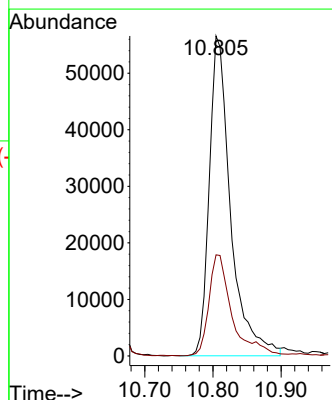
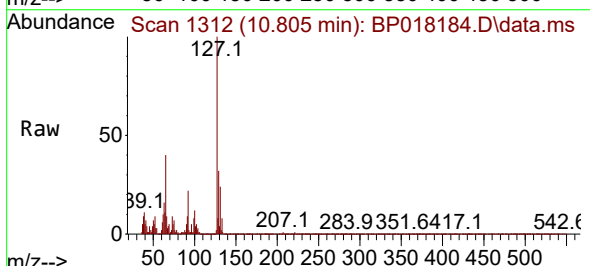
Acq: 15 Nov 2023 21:05

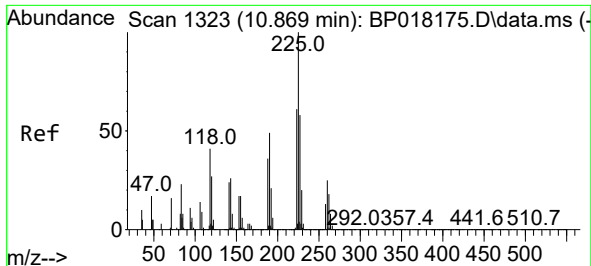
Tgt Ion:127 Resp: 123223

Ion Ratio Lower Upper

127 100

129 31.6 26.1 39.1

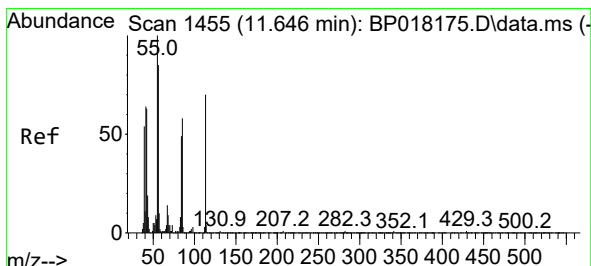
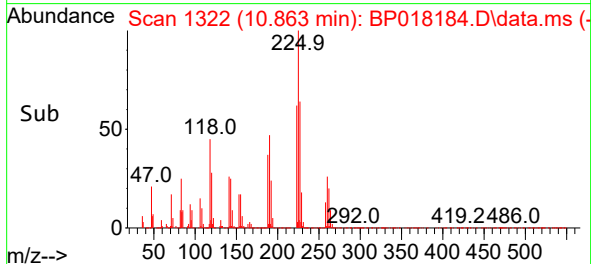
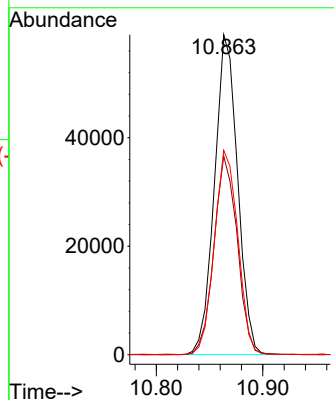
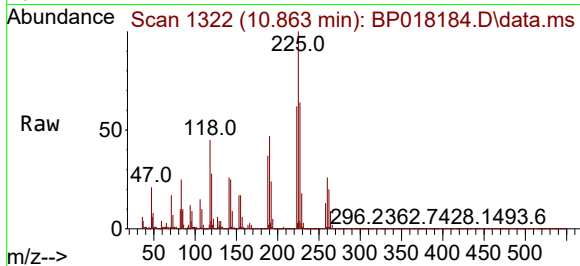




#33
Hexachlorobutadiene
Concen: 31.934 ng/ul
RT: 10.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

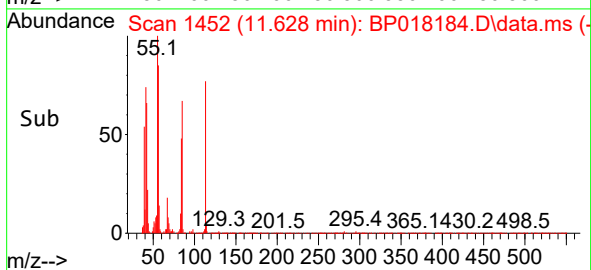
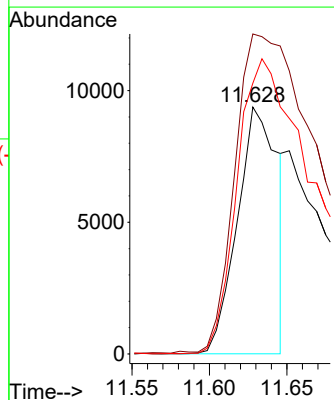
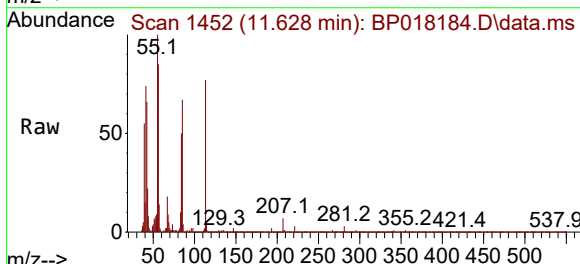
Instrument :
BNA_P
ClientSampleId :

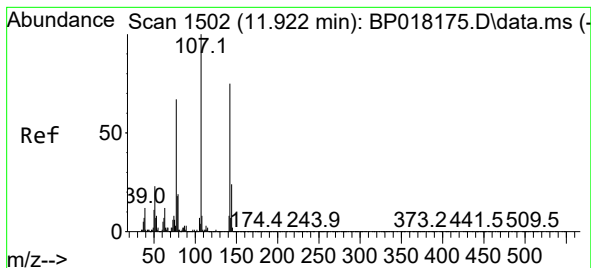
Tgt Ion:225 Resp: 89069
Ion Ratio Lower Upper
225 100
223 62.1 52.5 78.7
227 63.9 51.9 77.9



#34
Caprolactam
Concen: 13.430 ng/ul
RT: 11.628 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:113 Resp: 16950
Ion Ratio Lower Upper
113 100
55 129.6 118.3 177.5
56 109.7 95.6 143.4

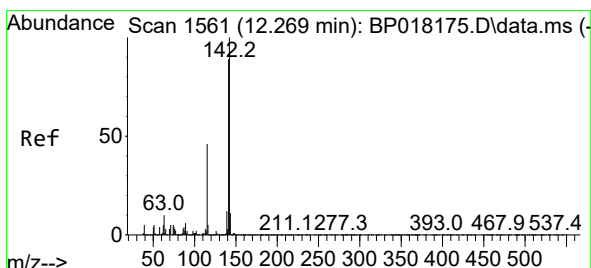
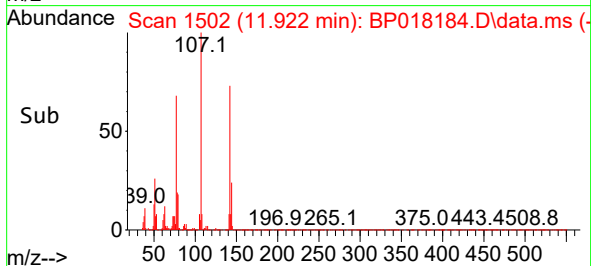
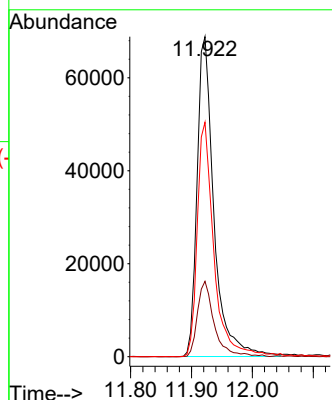
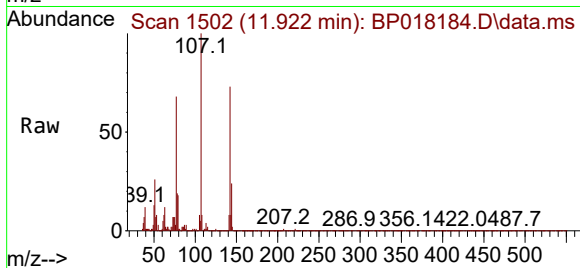




#35
4-Chloro-3-methylphenol
Concen: 28.944 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

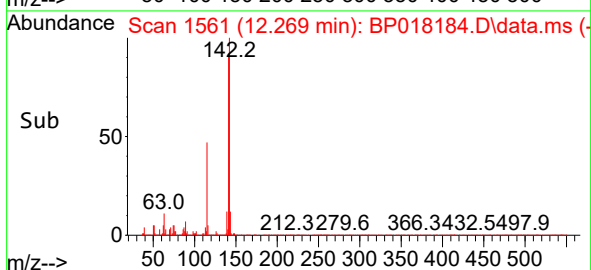
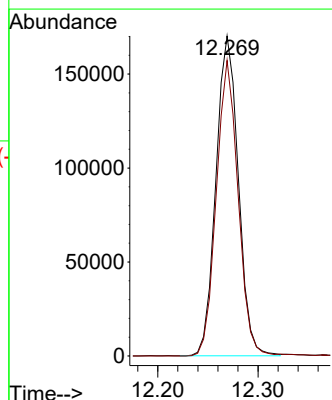
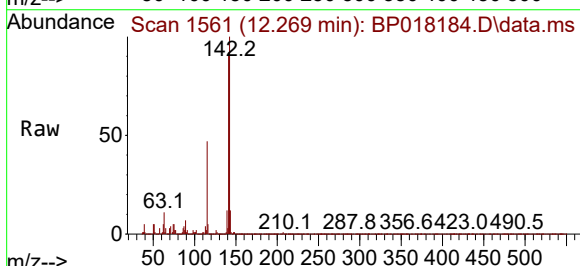
Instrument :
BNA_P
ClientSampleId :

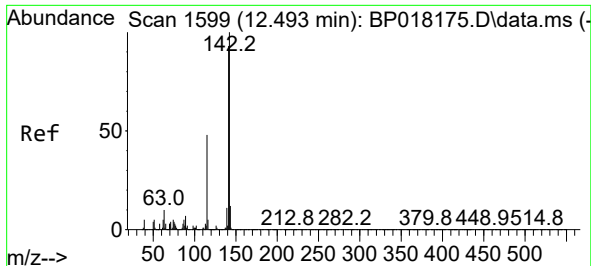
Tgt Ion:107 Resp: 132299
Ion Ratio Lower Upper
107 100
144 23.6 19.1 28.7
142 73.2 54.8 82.2



#36
2-Methylnaphthalene
Concen: 28.952 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:142 Resp: 264371
Ion Ratio Lower Upper
142 100
141 92.4 71.7 107.5





#37

1-Methylnaphthalene

Concen: 27.982 ng/ul

RT: 12.493 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

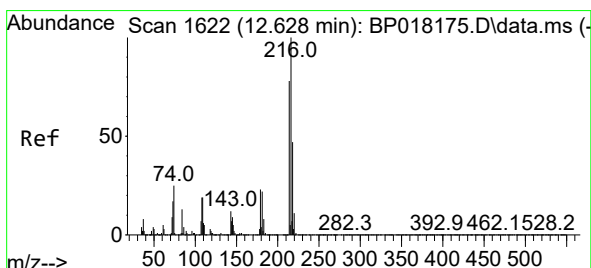
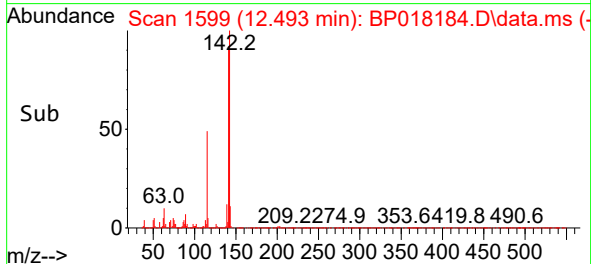
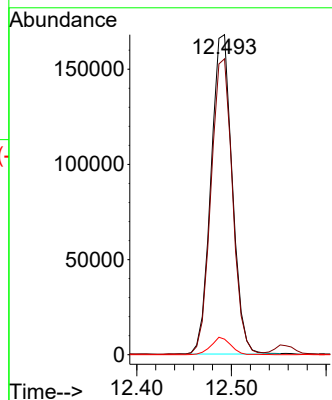
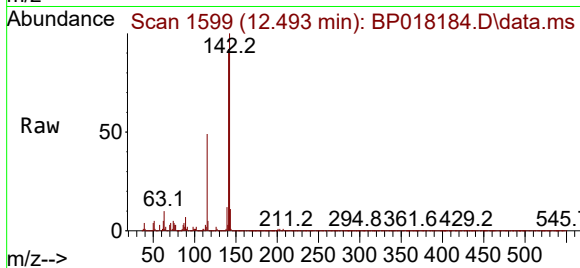
Tgt Ion:142 Resp: 262565

Ion Ratio Lower Upper

142 100

141 92.4 72.8 109.2

116 4.9 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.320 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Tgt Ion:216 Resp: 146259

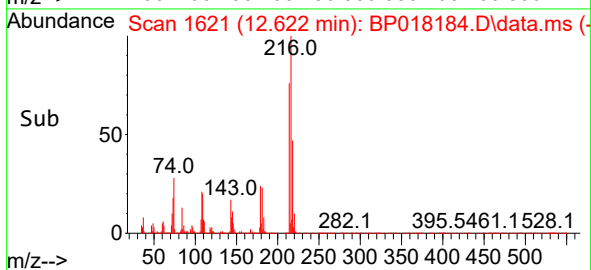
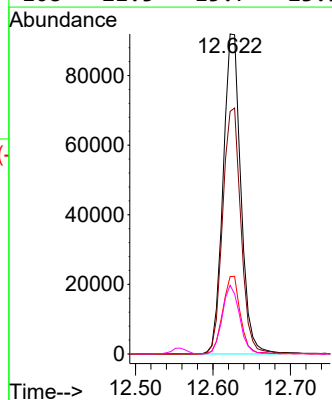
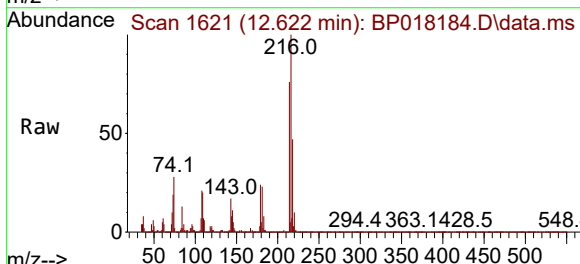
Ion Ratio Lower Upper

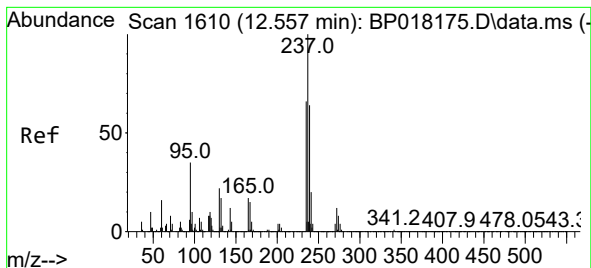
216 100

214 75.8 64.8 97.2

179 24.2 18.3 27.5

108 21.5 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 19.768 ng/ul

RT: 12.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

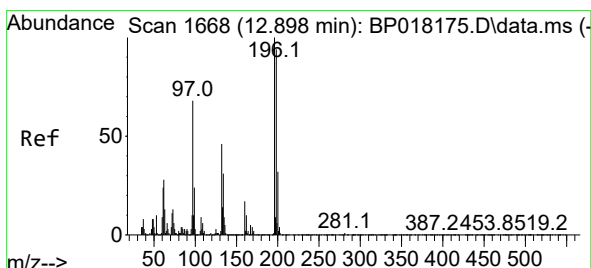
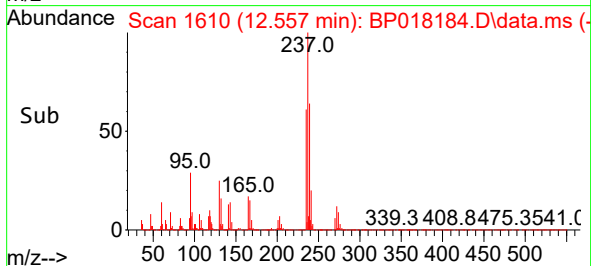
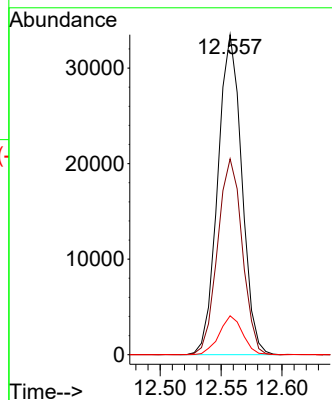
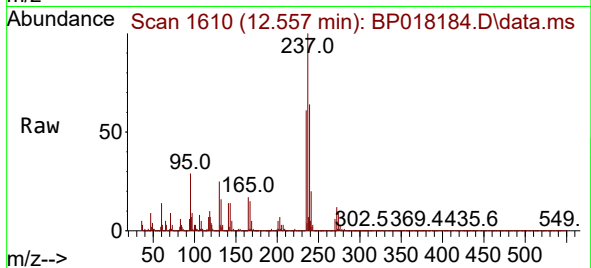
Tgt Ion:237 Resp: 46028

Ion Ratio Lower Upper

237 100

235 61.2 49.9 74.9

272 12.1 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 27.876 ng/ul

RT: 12.893 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

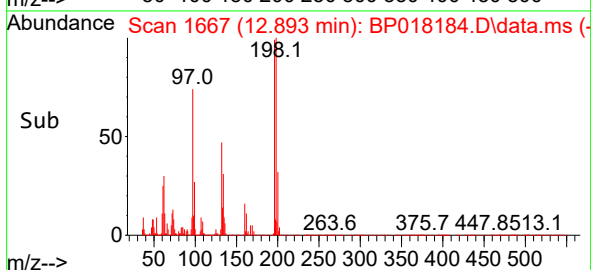
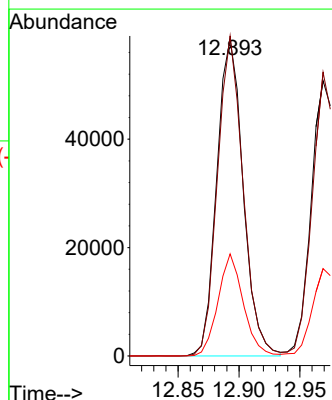
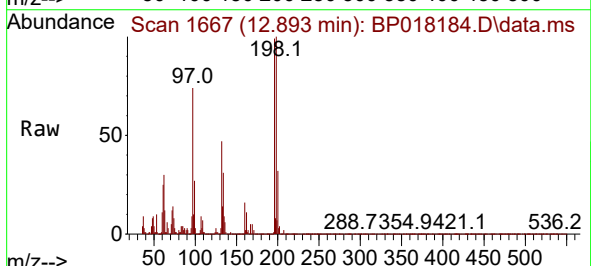
Tgt Ion:196 Resp: 88210

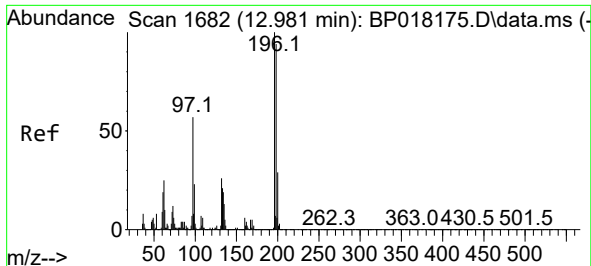
Ion Ratio Lower Upper

196 100

198 100.9 78.9 118.3

200 32.2 25.8 38.8

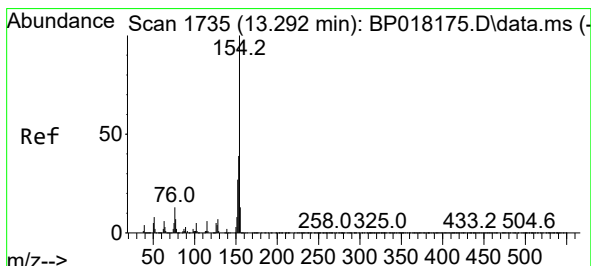
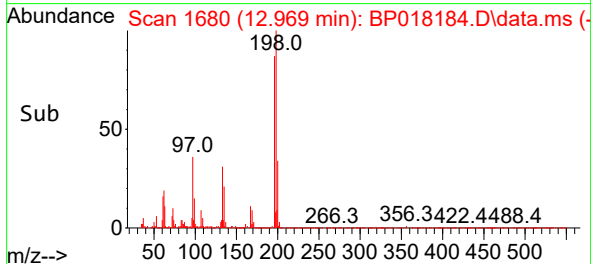
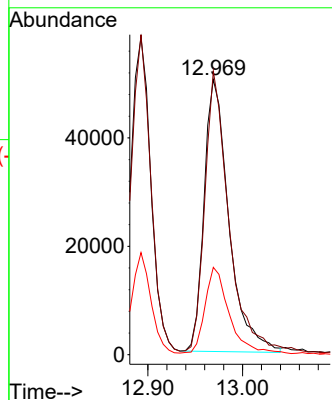
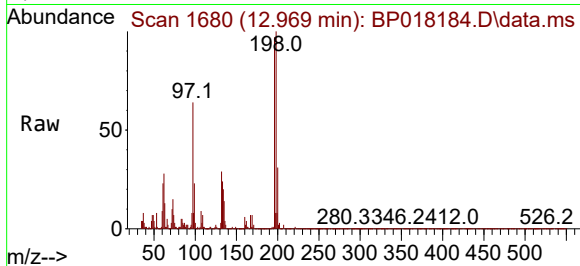




#42
2,4,5-Trichlorophenol
Concen: 27.511 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

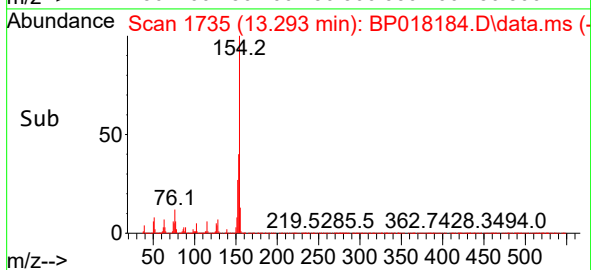
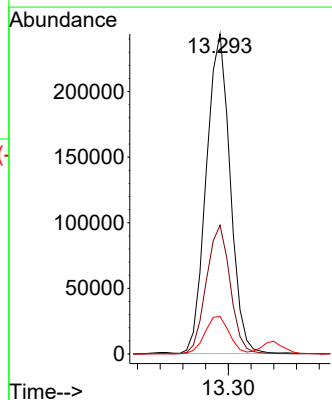
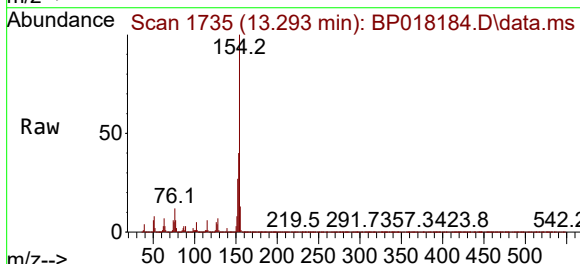
Instrument :
BNA_P
ClientSampleId :

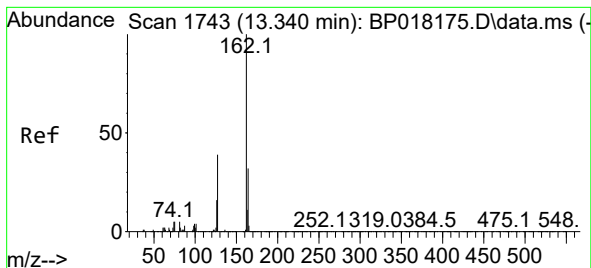
Tgt Ion:196 Resp: 91621
Ion Ratio Lower Upper
196 100
198 103.1 78.9 118.3
200 31.7 26.6 40.0



#43
1,1'-Biphenyl
Concen: 29.218 ng/ul
RT: 13.293 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:154 Resp: 354771
Ion Ratio Lower Upper
154 100
153 40.2 32.4 48.6
76 11.7 9.8 14.8





#44

2-Chloronaphthalene

Concen: 28.986 ng/ul

RT: 13.340 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

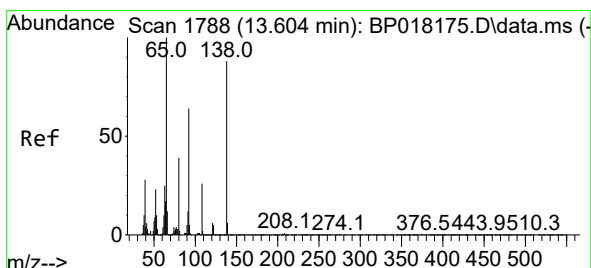
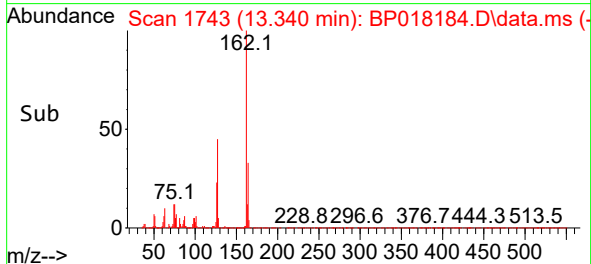
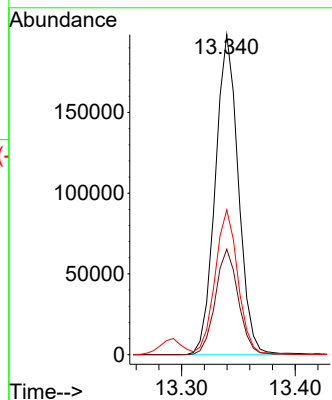
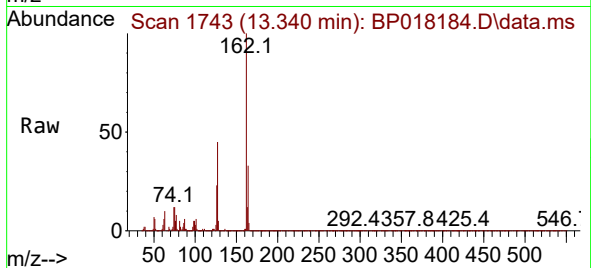
Tgt Ion:162 Resp: 279425

Ion Ratio Lower Upper

162 100

164 33.0 26.9 40.3

127 45.3 35.4 53.2



#45

2-Nitroaniline

Concen: 30.389 ng/ul

RT: 13.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

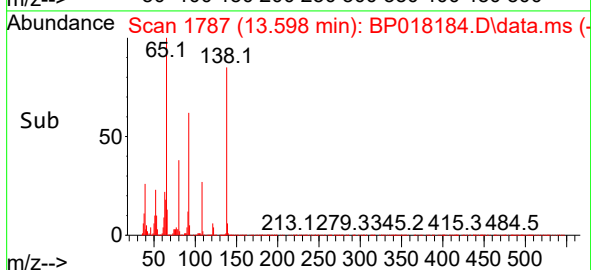
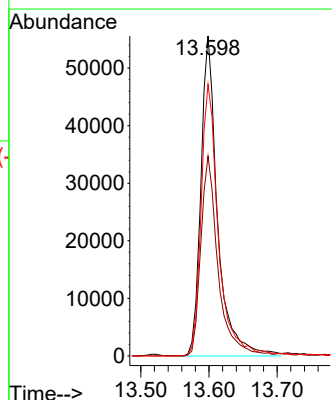
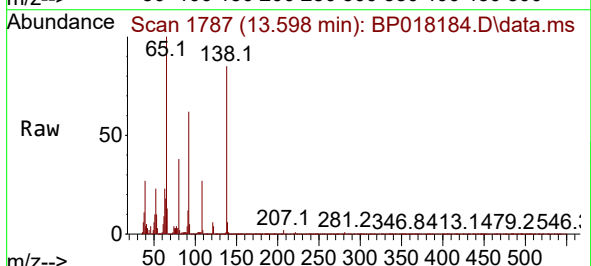
Tgt Ion: 65 Resp: 94534

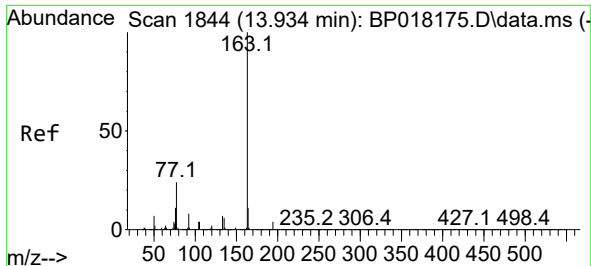
Ion Ratio Lower Upper

65 100

92 62.4 53.8 80.6

138 84.9 75.1 112.7

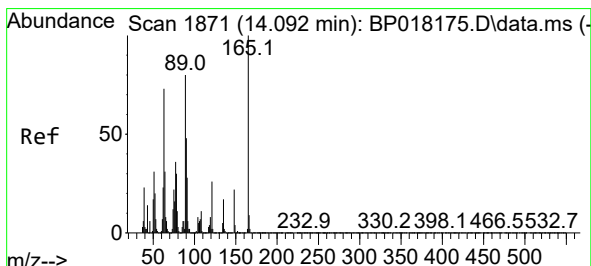
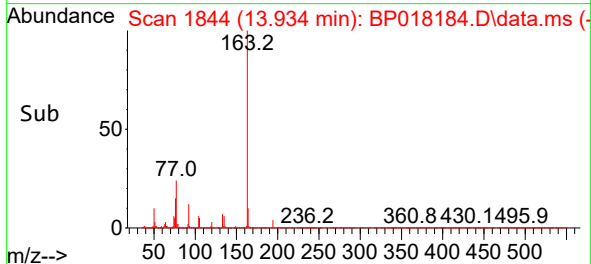
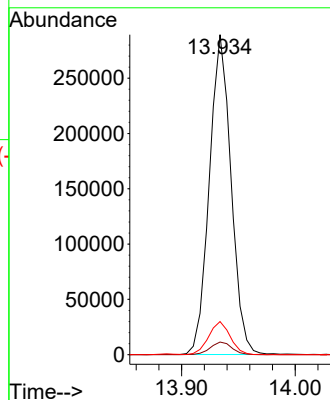
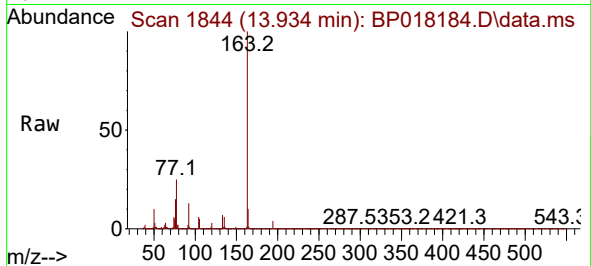




#47
Dimethylphthalate
Concen: 29.730 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

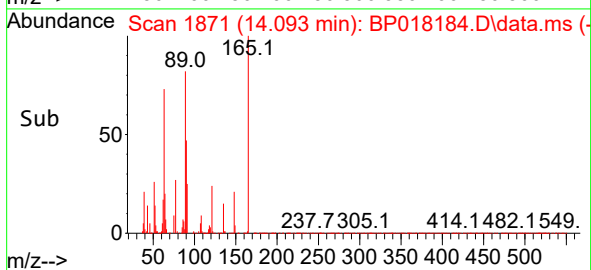
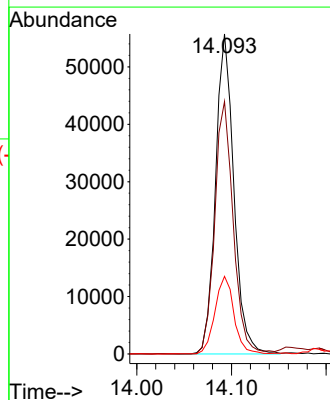
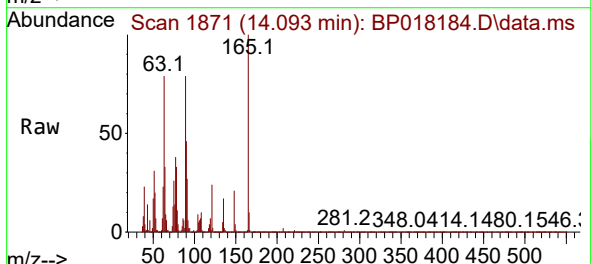
Instrument :
BNA_P
ClientSampleId :

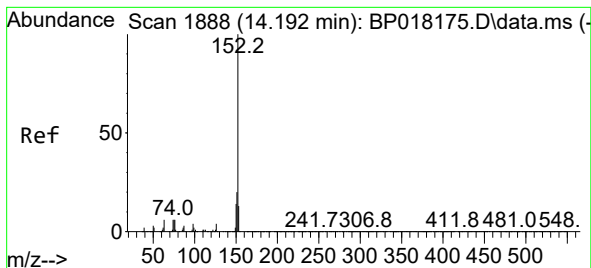
Tgt Ion:163 Resp: 384235
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.4 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 29.095 ng/ul
RT: 14.093 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:165 Resp: 74740
Ion Ratio Lower Upper
165 100
89 78.9 59.4 89.0
121 24.2 18.2 27.4





#50

Acenaphthylene

Concen: 28.751 ng/ul

RT: 14.193 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNP_P

ClientSampleId :

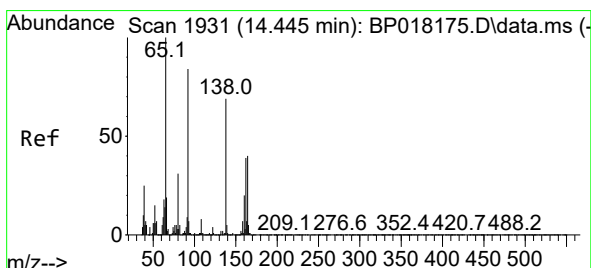
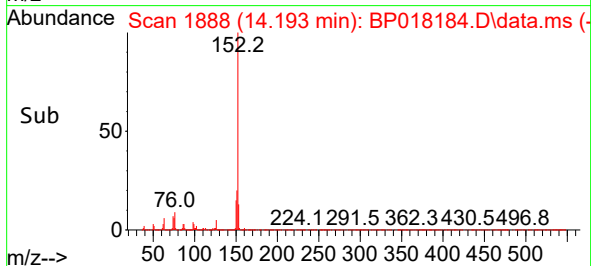
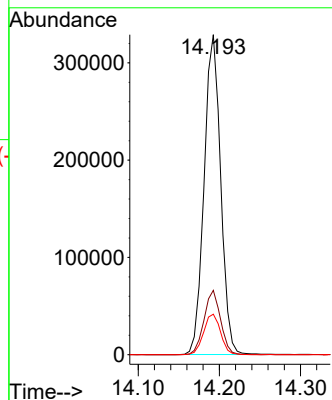
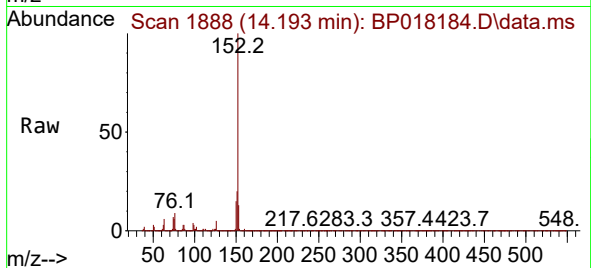
Tgt Ion:152 Resp: 465810

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 12.7 10.4 15.6



#51

3-Nitroaniline

Concen: 27.668 ng/ul

RT: 14.440 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

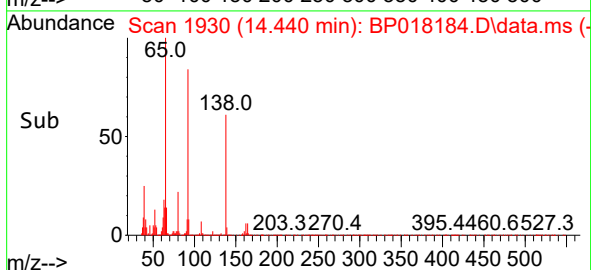
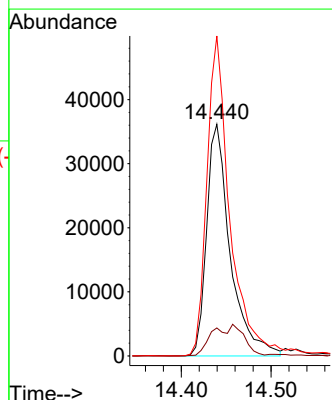
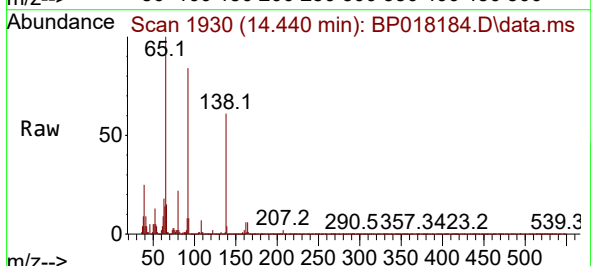
Tgt Ion:138 Resp: 65952

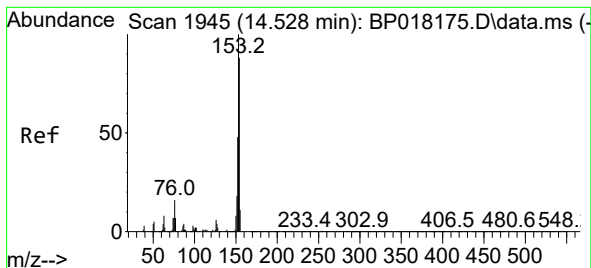
Ion Ratio Lower Upper

138 100

108 12.1 8.3 12.5

92 138.1 99.0 148.4





#52

Acenaphthene

Concen: 29.173 ng/ul

RT: 14.528 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

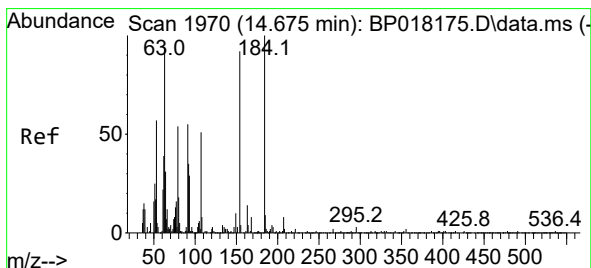
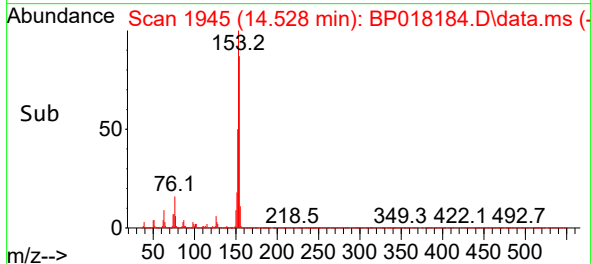
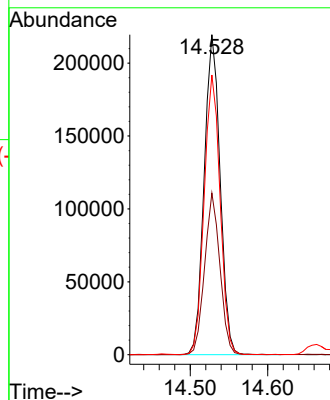
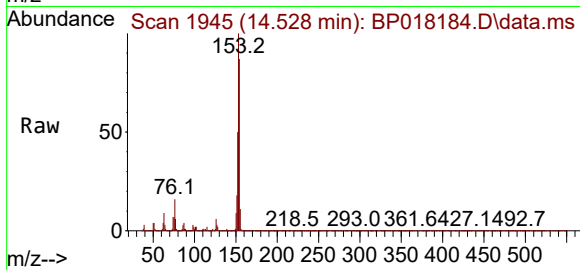
Tgt Ion:153 Resp: 313415

Ion Ratio Lower Upper

153 100

152 50.5 39.0 58.6

154 87.4 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 13.796 ng/ul

RT: 14.663 min Scan# 1968

Delta R.T. -0.012 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

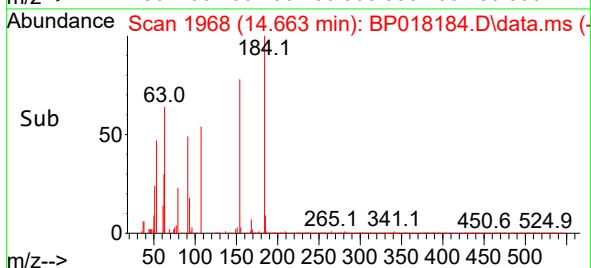
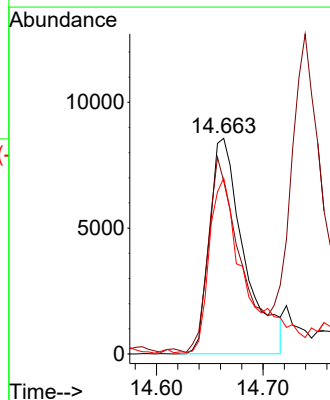
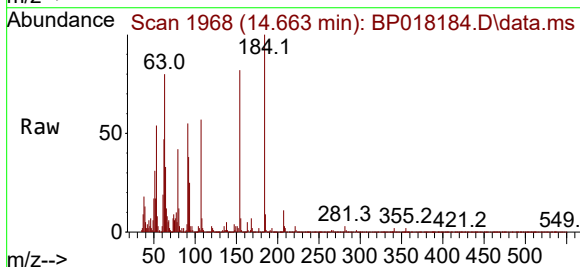
Tgt Ion:184 Resp: 19333

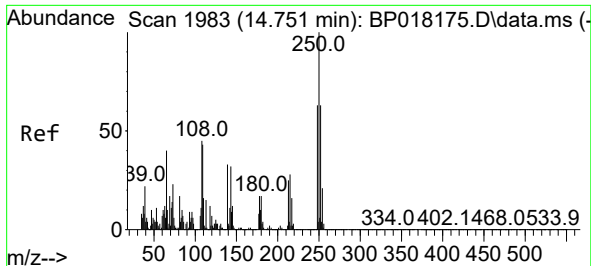
Ion Ratio Lower Upper

184 100

63 80.0 67.7 101.5

154 81.5 60.2 90.4

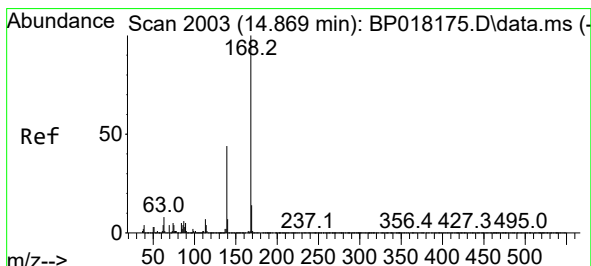
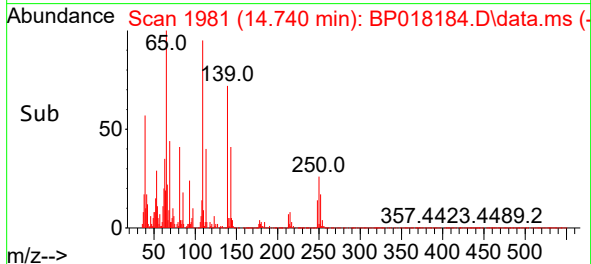
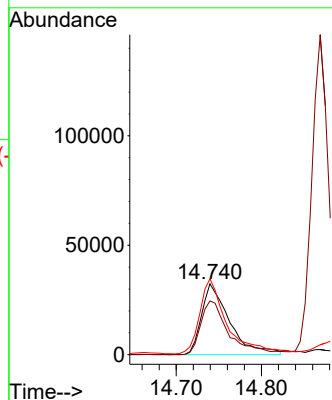
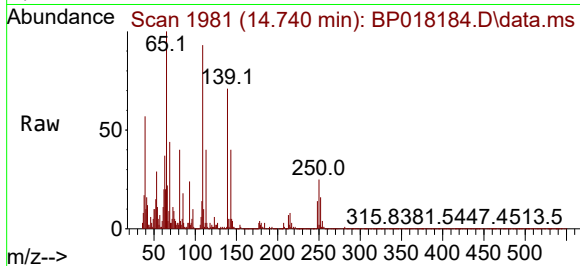




#55
4-Nitrophenol
Concen: 28.290 ng/ul
RT: 14.740 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

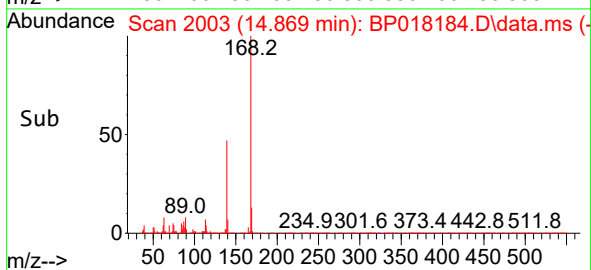
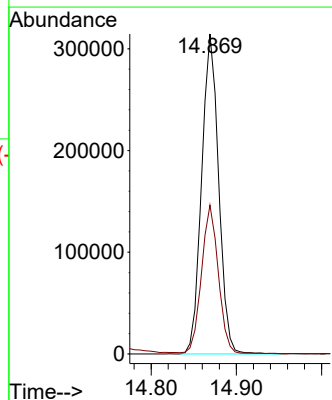
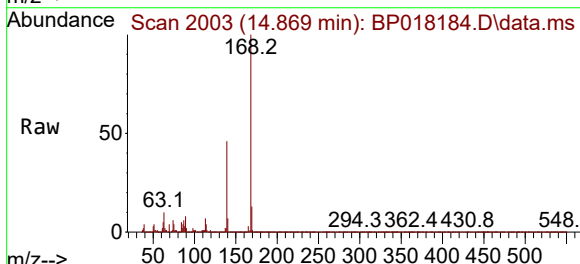
Instrument :
BNA_P
ClientSampleId :

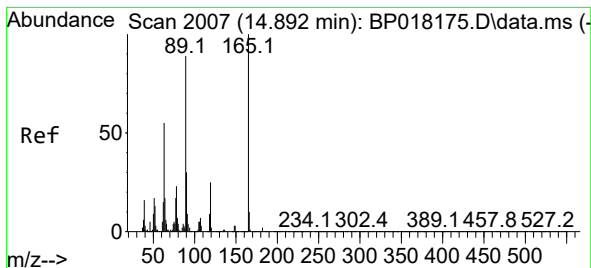
Tgt Ion:109 Resp: 73930
Ion Ratio Lower Upper
109 100
139 76.0 74.9 112.3
65 107.0 93.8 140.6



#56
Dibenzofuran
Concen: 29.568 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:168 Resp: 435316
Ion Ratio Lower Upper
168 100
139 46.5 34.0 51.0





#57

2,4-Dinitrotoluene

Concen: 30.585 ng/ul

RT: 14.887 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

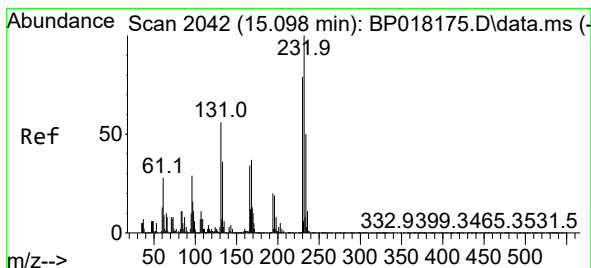
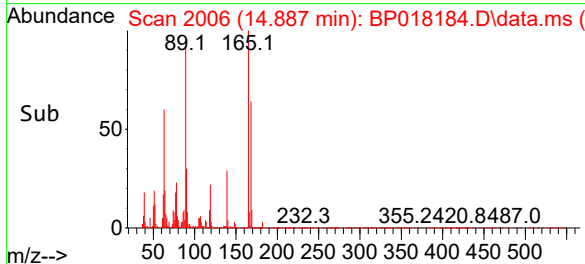
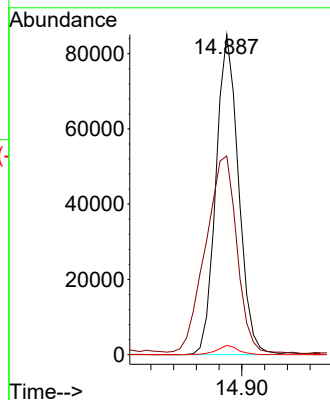
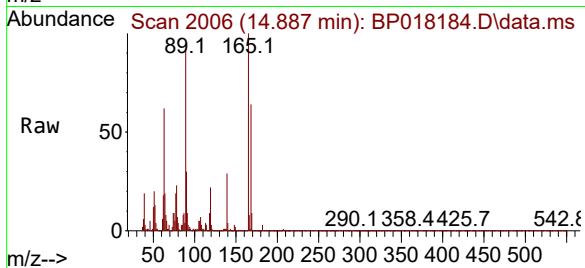
Tgt Ion:165 Resp: 117386

Ion Ratio Lower Upper

165 100

63 62.1 48.6 72.8

182 2.9 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.897 ng/ul

RT: 15.093 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Tgt Ion:232 Resp: 76721

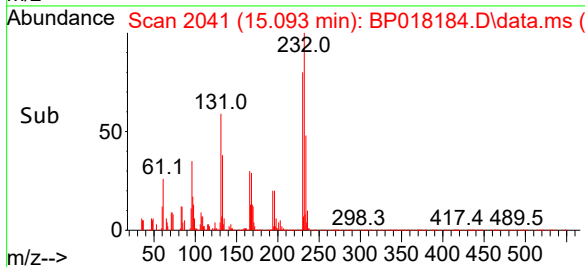
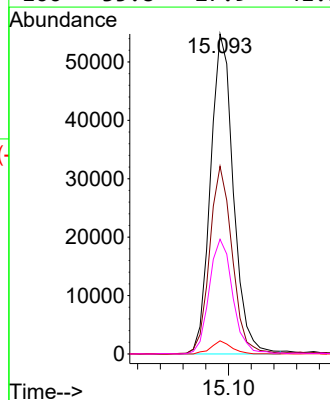
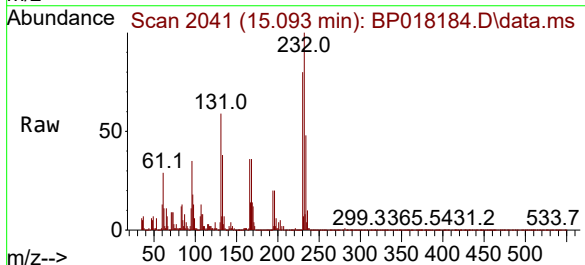
Ion Ratio Lower Upper

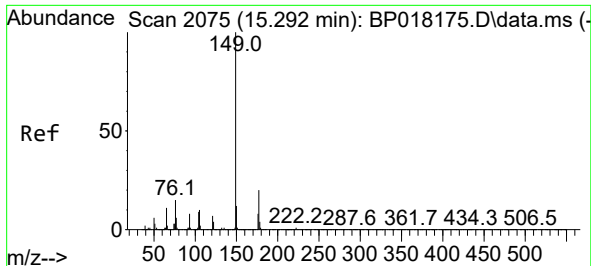
232 100

131 58.6 44.1 66.1

130 4.1 2.5 3.7#

166 35.8 27.9 41.9

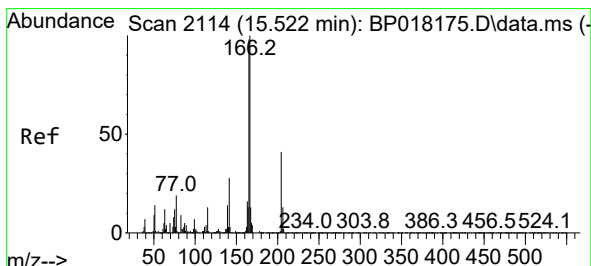
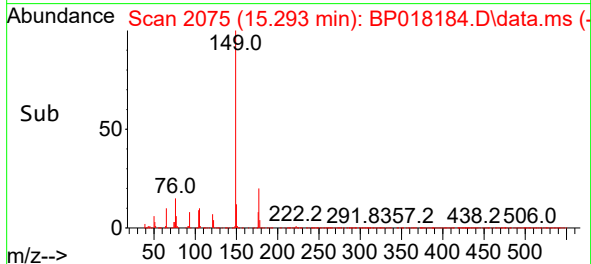
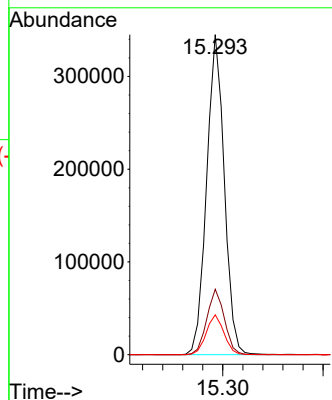
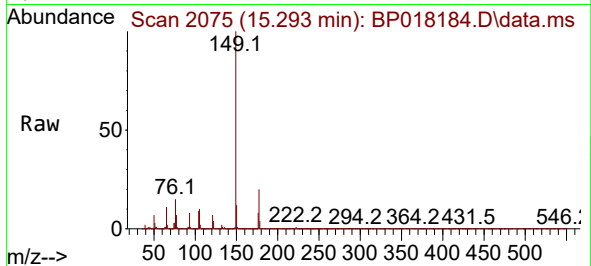




#59
Diethylphthalate
Concen: 31.312 ng/ul
RT: 15.293 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

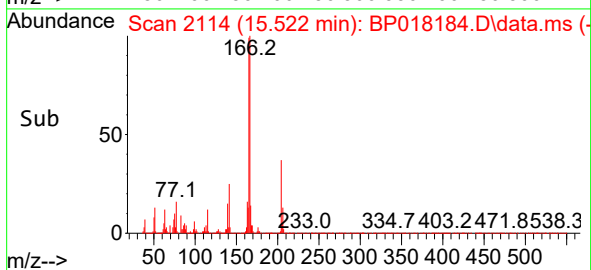
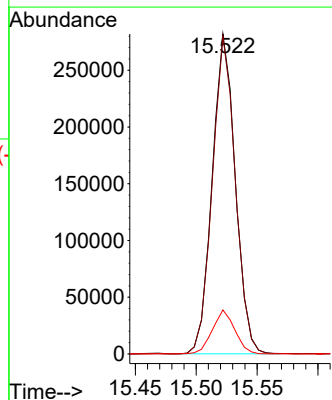
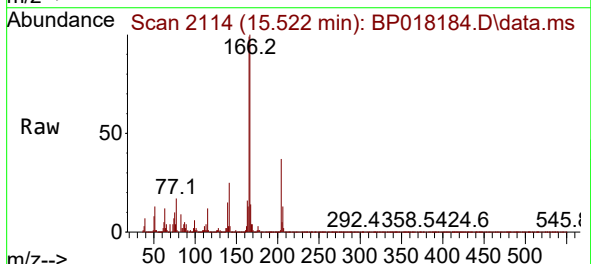
Instrument :
BNA_P
ClientSampleId :

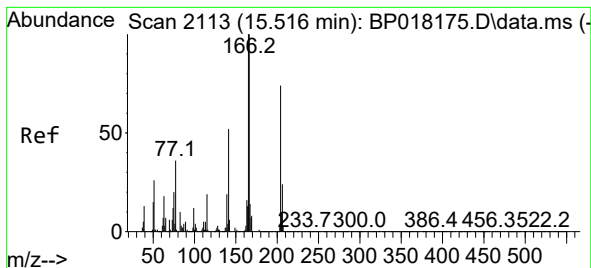
Tgt Ion:149 Resp: 422783
Ion Ratio Lower Upper
149 100
177 20.5 16.3 24.5
150 12.5 10.0 15.0



#61
Fluorene
Concen: 29.766 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:166 Resp: 372052
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 13.8 10.6 16.0

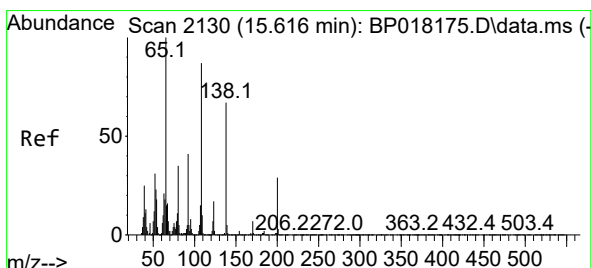
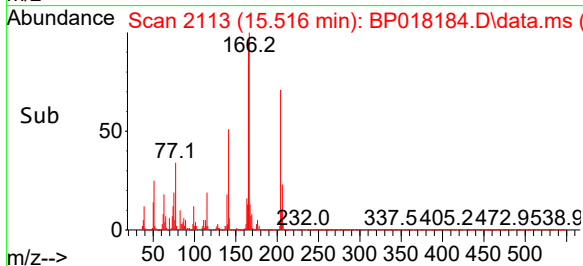
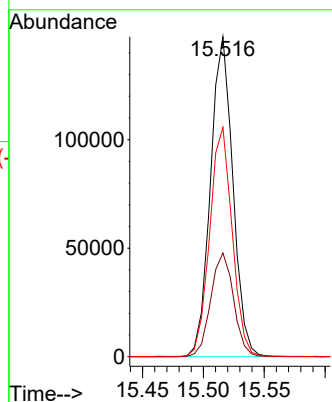
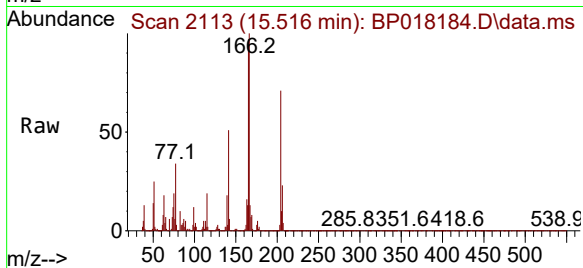




#62
4-Chlorophenyl-phenylether
Concen: 30.739 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

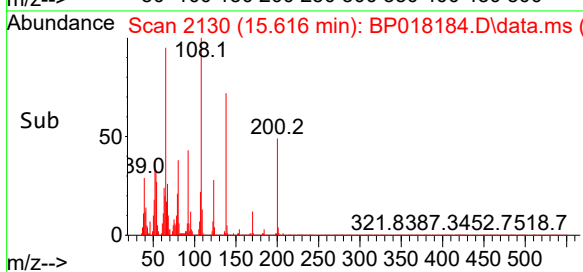
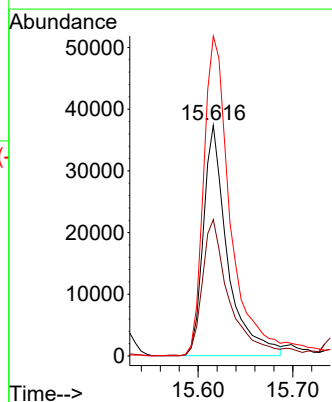
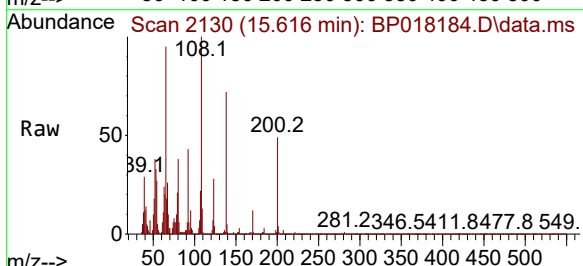
Instrument :
BNA_P
ClientSampleId :

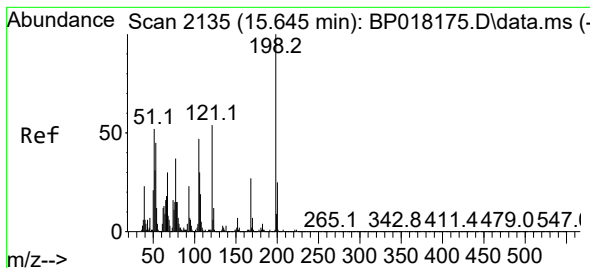
Tgt Ion:204 Resp: 188280
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 71.7 56.0 84.0



#63
4-Nitroaniline
Concen: 29.364 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:138 Resp: 66052
Ion Ratio Lower Upper
138 100
92 59.1 46.6 70.0
108 138.7 104.7 157.1

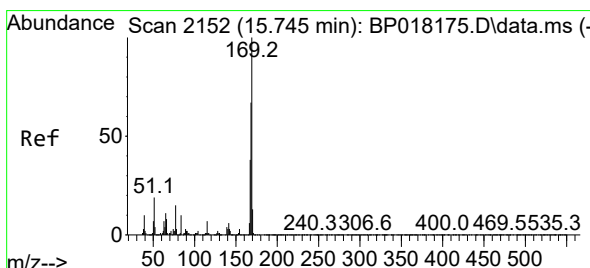
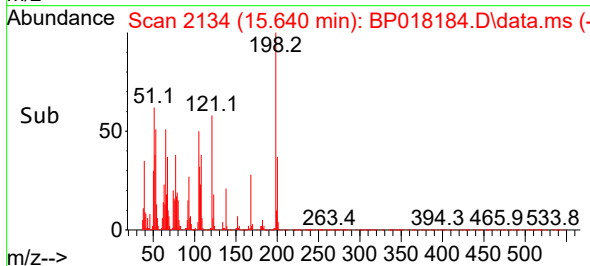
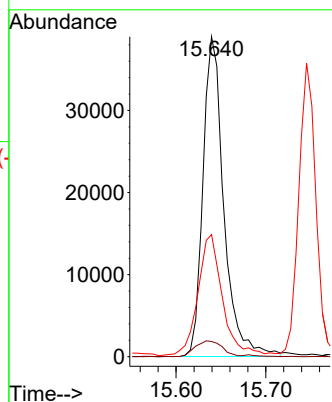
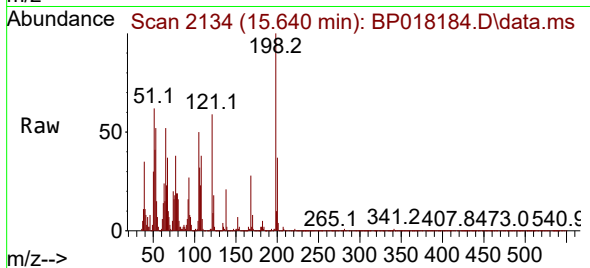




#66
 4,6-Dinitro-2-methylphenol
 Concen: 26.476 ng/ul
 RT: 15.640 min Scan# 2135
 Delta R.T. -0.006 min
 Lab File: BP018184.D
 Acq: 15 Nov 2023 21:05

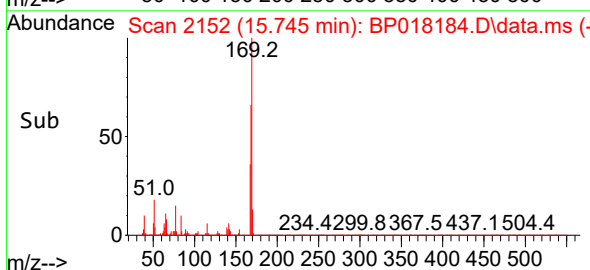
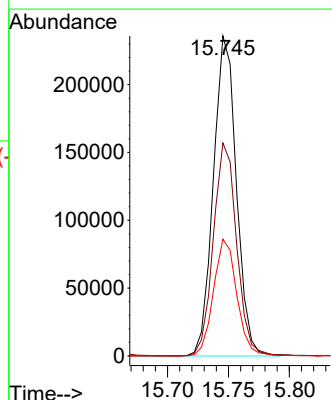
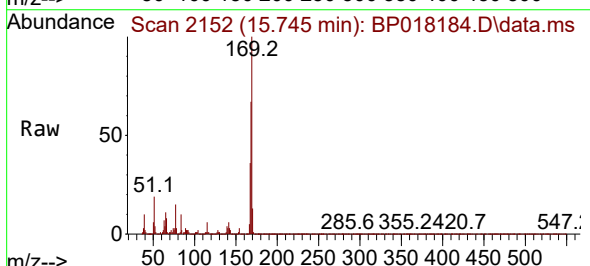
Instrument :
 BNA_P
 ClientSampleId :

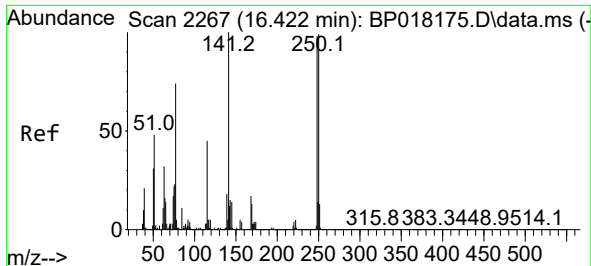
Tgt Ion:198 Resp: 62950
 Ion Ratio Lower Upper
 198 100
 182 4.8 3.8 5.6
 77 38.1 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 30.489 ng/ul
 RT: 15.745 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: BP018184.D
 Acq: 15 Nov 2023 21:05

Tgt Ion:169 Resp: 309913
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.8
 167 36.5 29.8 44.6

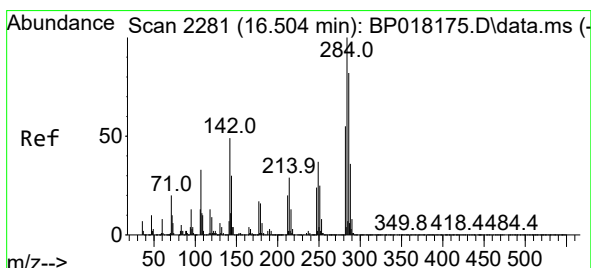
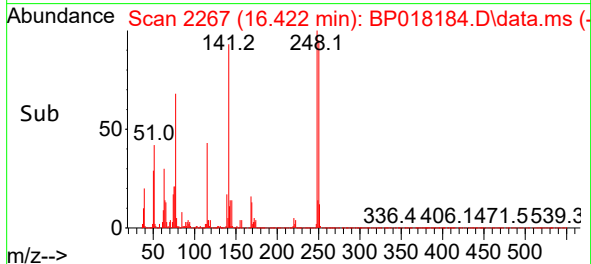
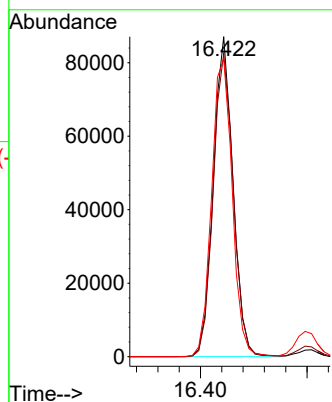
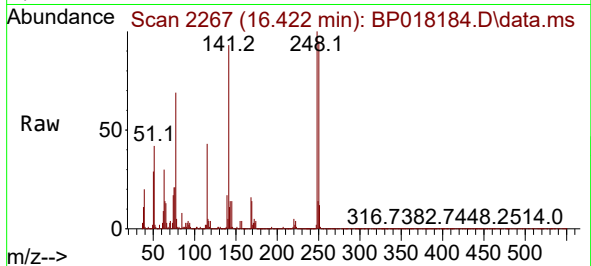




#68
4-Bromophenyl-phenylether
Concen: 31.230 ng/ul
RT: 16.422 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

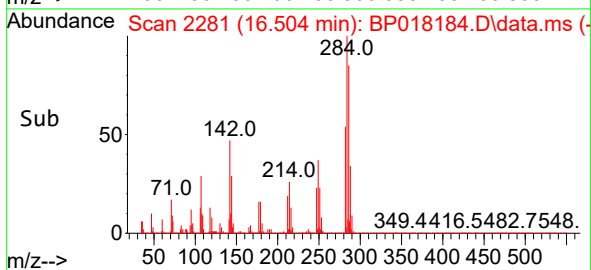
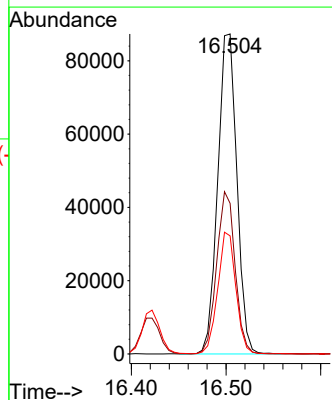
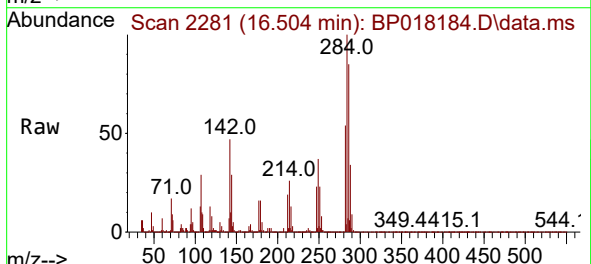
Instrument :
BNA_P
ClientSampleId :

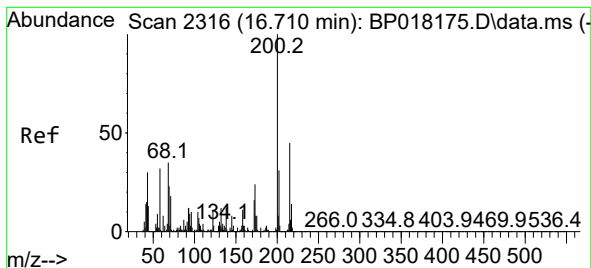
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.7	72.7	109.1
141	93.1	70.4	105.6



#69
Hexachlorobenzene
Concen: 30.758 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	47.0	38.9	58.3
249	36.9	28.6	43.0





#70

Atrazine

Concen: 21.077 ng/ul

RT: 16.710 min Scan# 2316

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

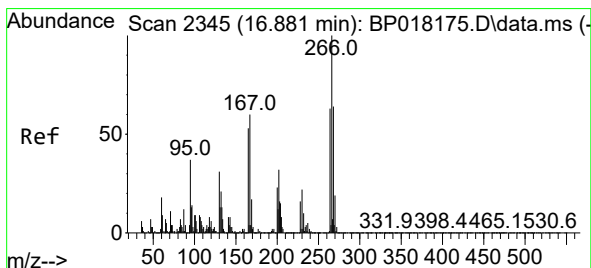
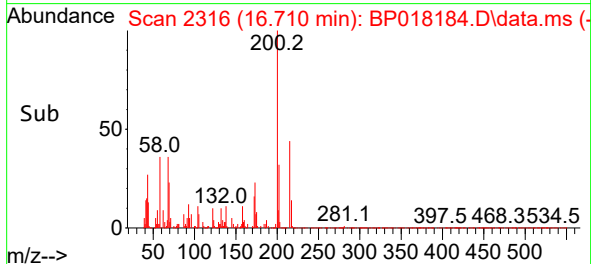
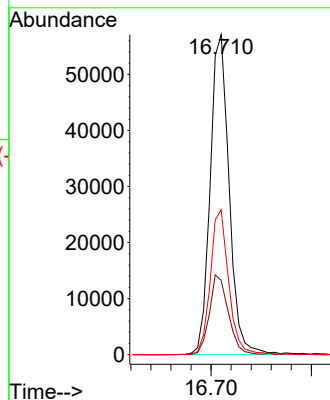
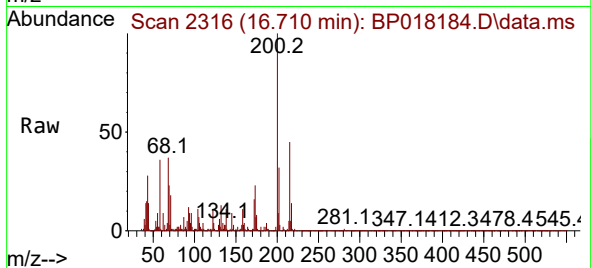
Tgt Ion:200 Resp: 74733

Ion Ratio Lower Upper

200 100

173 23.2 20.2 30.2

215 45.3 37.8 56.8



#71

Pentachlorophenol

Concen: 10.099 ng/ul

RT: 16.881 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

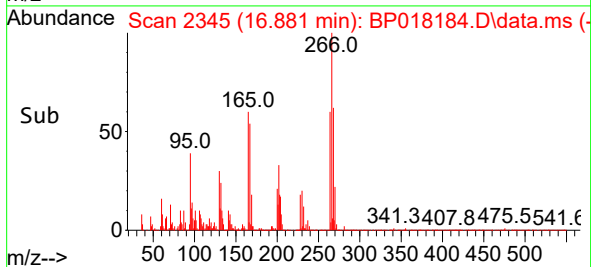
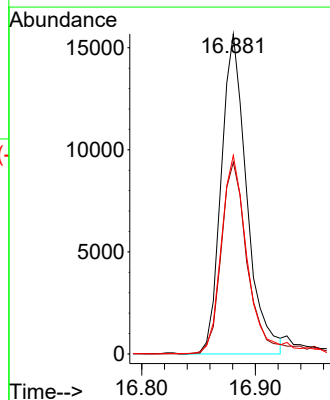
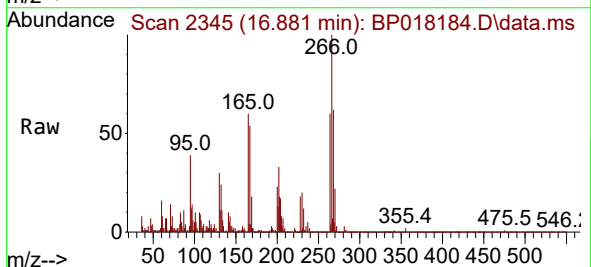
Tgt Ion:266 Resp: 24435

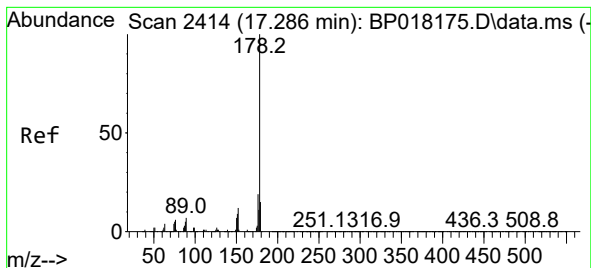
Ion Ratio Lower Upper

266 100

264 59.9 50.7 76.1

268 62.1 52.4 78.6





#72

Phenanthrene

Concen: 30.968 ng/ul

RT: 17.287 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

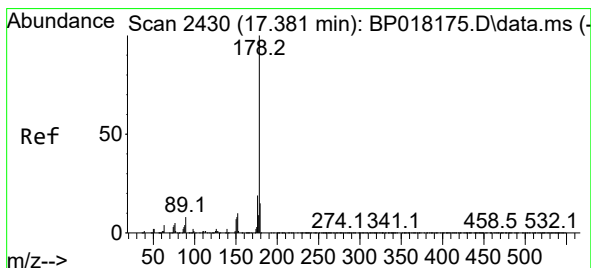
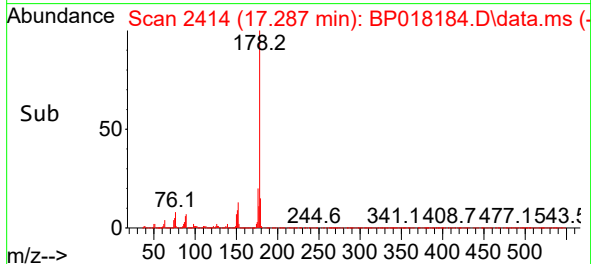
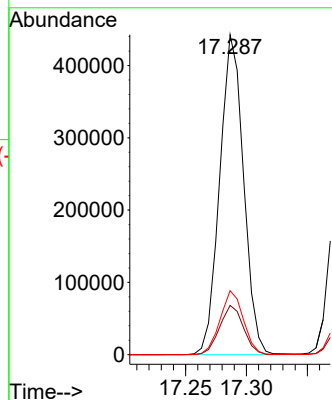
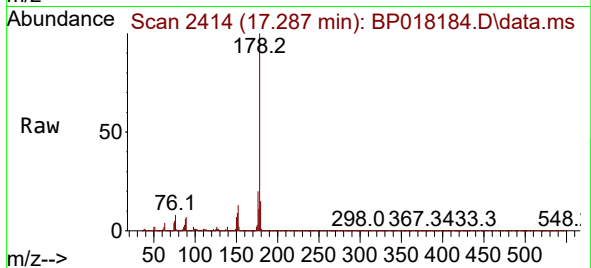
Tgt Ion:178 Resp: 602664

Ion Ratio Lower Upper

178 100

179 15.4 12.0 18.0

176 20.0 15.5 23.3



#74

Anthracene

Concen: 30.529 ng/ul

RT: 17.381 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

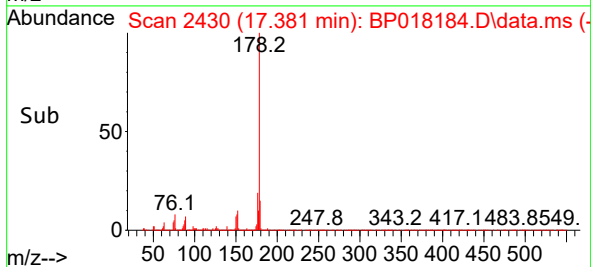
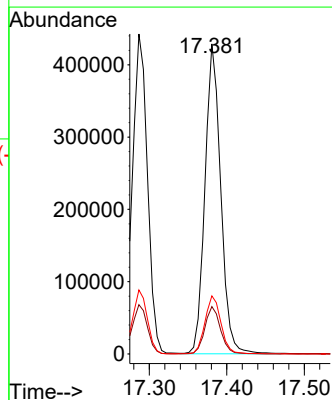
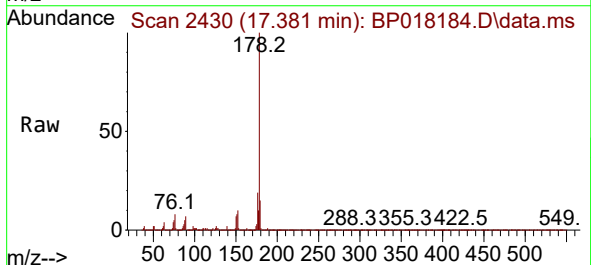
Tgt Ion:178 Resp: 606295

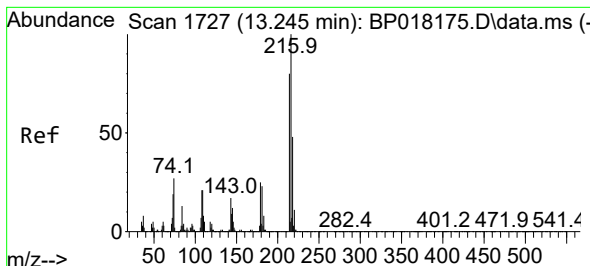
Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 18.7 15.4 23.0

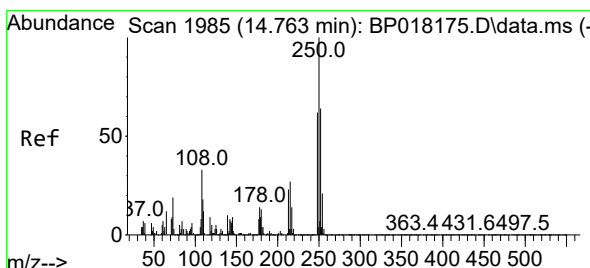
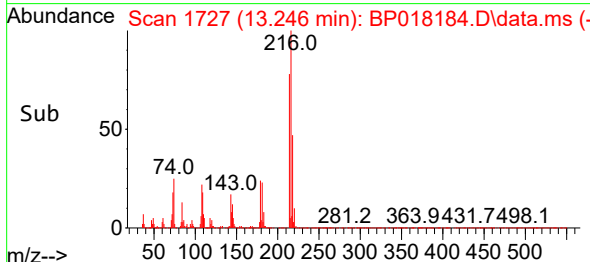
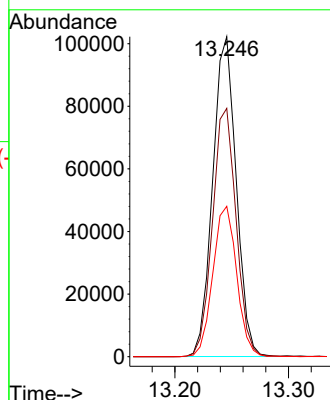
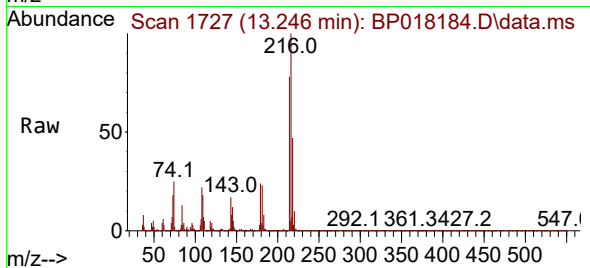




#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.344 ng/uL
RT: 13.246 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

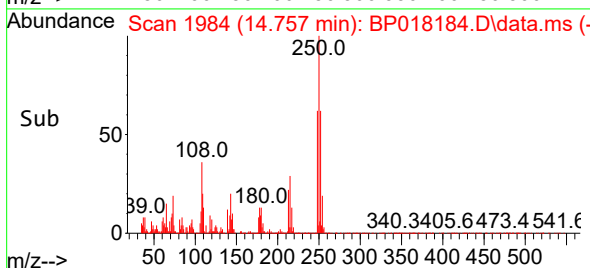
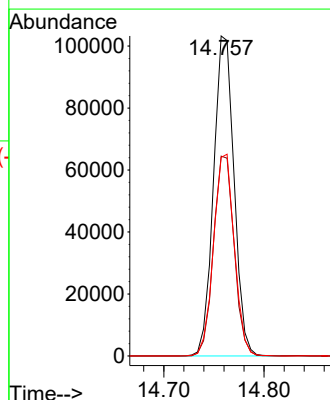
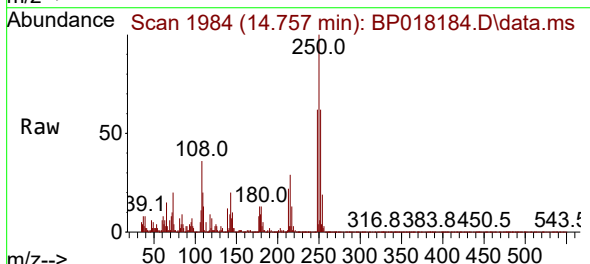
Instrument :
BNA_P
ClientSampleId :

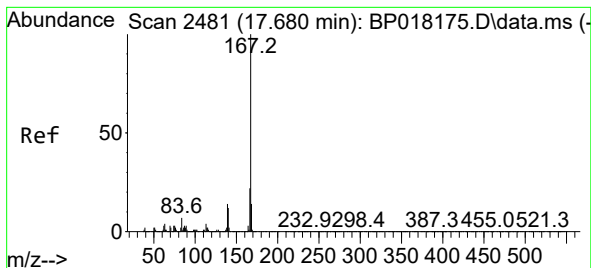
Tgt Ion:216 Resp: 146868
Ion Ratio Lower Upper
216 100
214 77.6 64.0 96.0
218 47.0 39.0 58.4



#76
Pentachlorobenzene
Concen: 30.967 ng/uL
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP018184.D
Acq: 15 Nov 2023 21:05

Tgt Ion:250 Resp: 146728
Ion Ratio Lower Upper
250 100
248 62.5 52.7 79.1
252 62.1 52.3 78.5





#77

Carbazole

Concen: 31.975 ng/ul

RT: 17.681 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

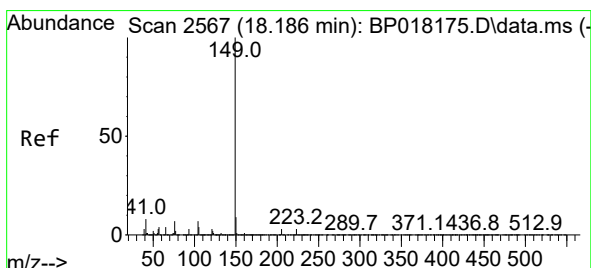
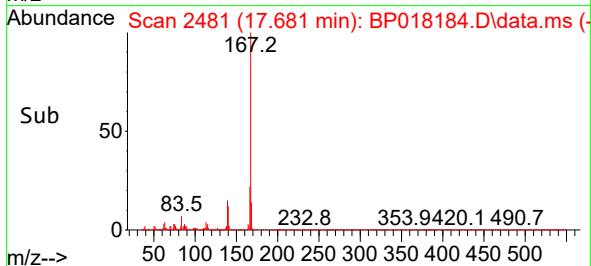
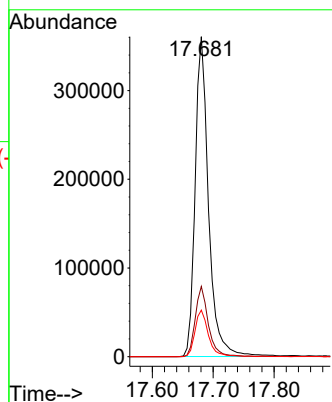
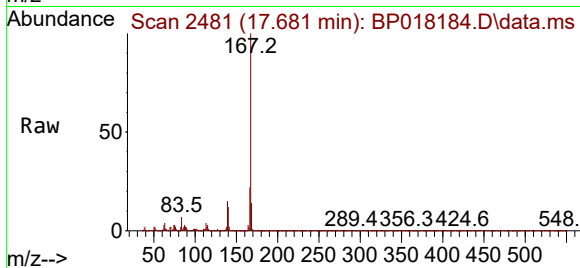
Tgt Ion:167 Resp: 551435

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

139 14.6 11.4 17.0



#78

Di-n-butylphthalate

Concen: 34.382 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

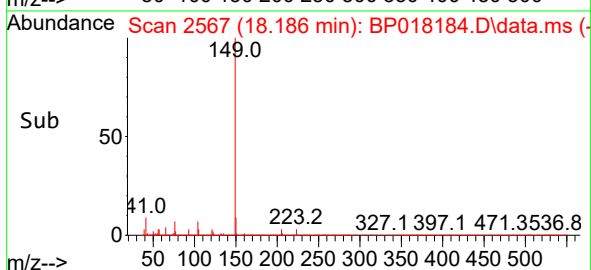
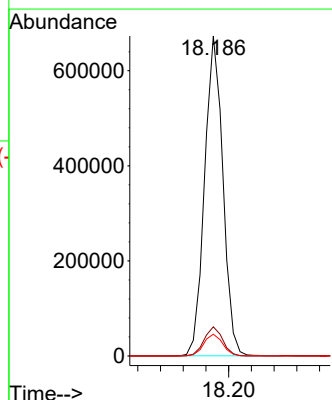
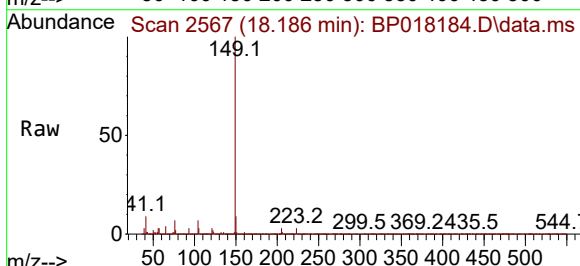
Tgt Ion:149 Resp: 752348

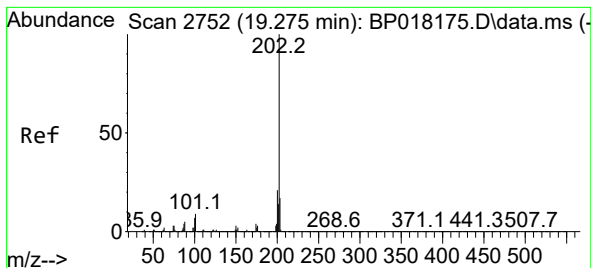
Ion Ratio Lower Upper

149 100

150 9.1 6.7 10.1

104 6.8 5.1 7.7





#80

Fluoranthene

Concen: 29.625 ng/ul

RT: 19.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

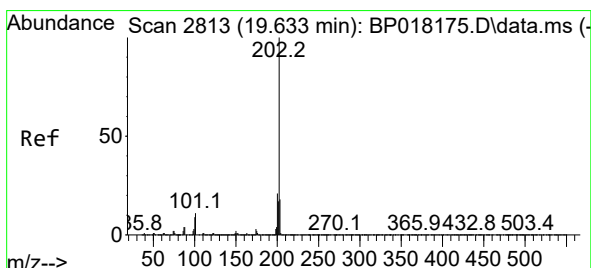
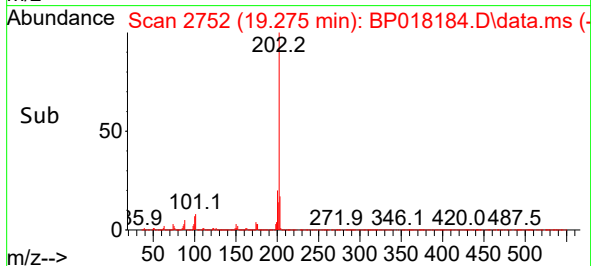
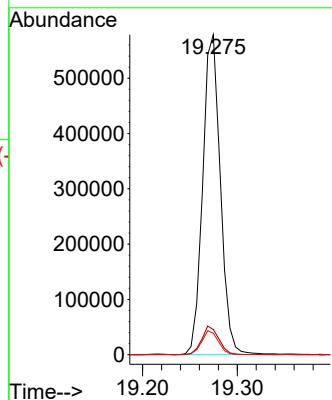
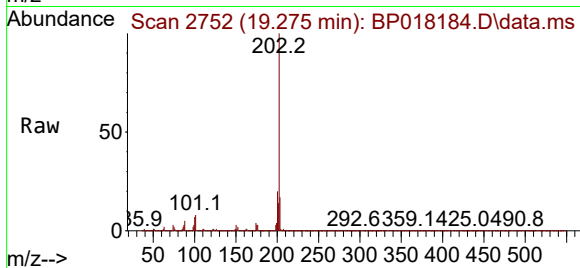
Tgt Ion:202 Resp: 750666

Ion Ratio Lower Upper

202 100

101 7.8 7.2 10.8

100 6.7 5.8 8.6



#82

Pyrene

Concen: 29.525 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

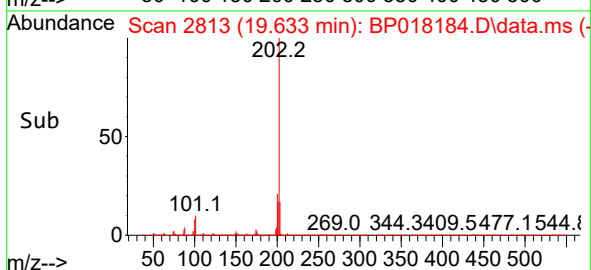
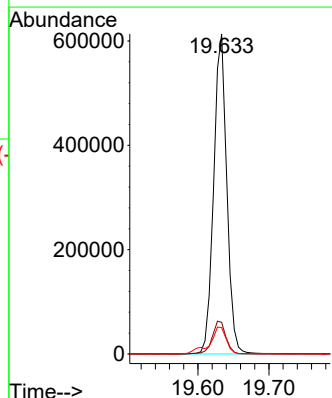
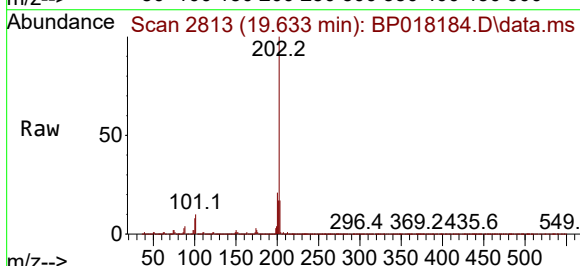
Tgt Ion:202 Resp: 783957

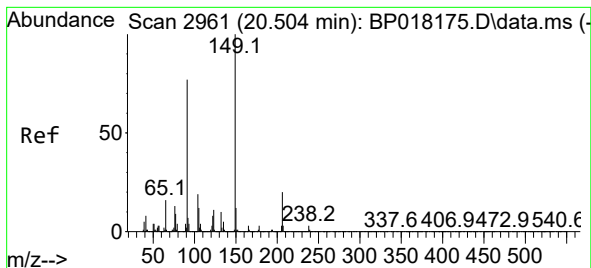
Ion Ratio Lower Upper

202 100

101 9.9 8.3 12.5

100 8.2 7.4 11.2





#83

Butylbenzylphthalate

Concen: 32.672 ng/ul

RT: 20.498 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

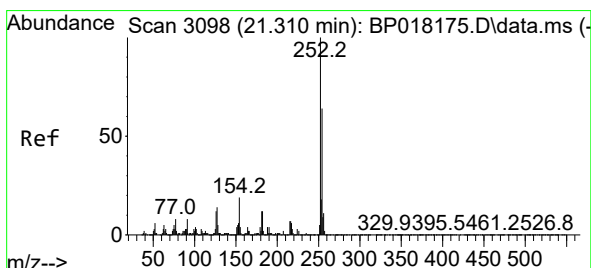
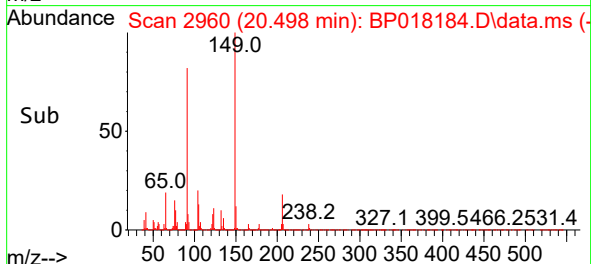
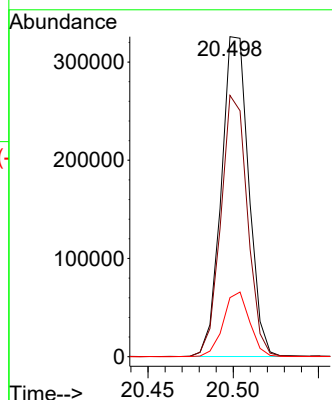
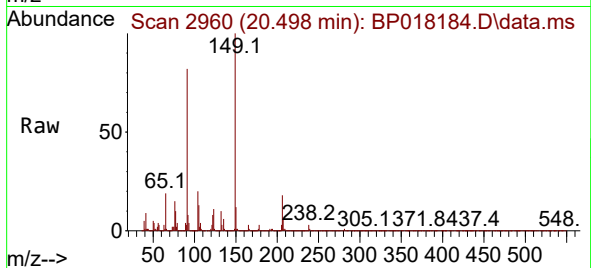
Tgt Ion:149 Resp: 364833

Ion Ratio Lower Upper

149 100

91 81.7 59.6 89.4

206 18.4 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 29.900 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

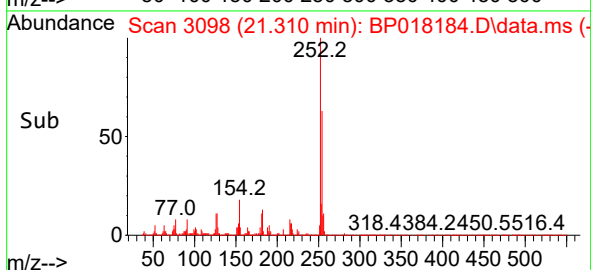
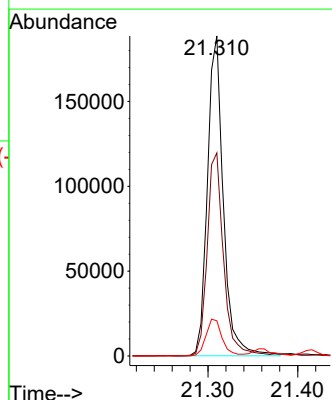
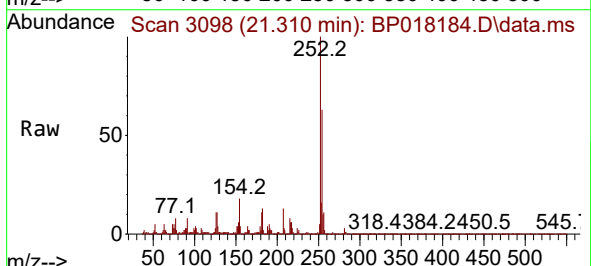
Tgt Ion:252 Resp: 232043

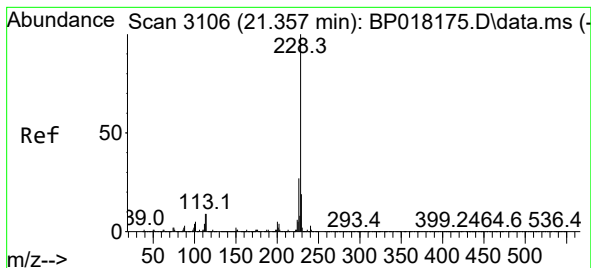
Ion Ratio Lower Upper

252 100

254 63.5 48.9 73.3

126 11.0 9.4 14.0





#85

Benzo(a)anthracene

Concen: 31.499 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

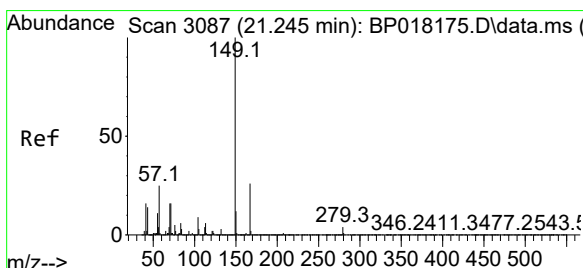
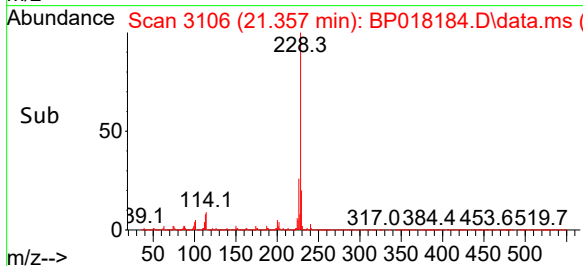
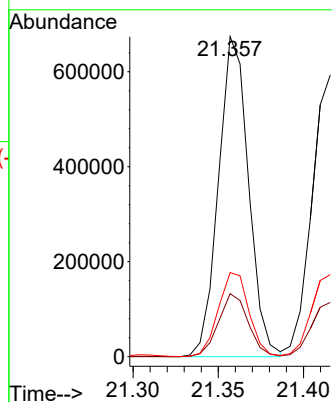
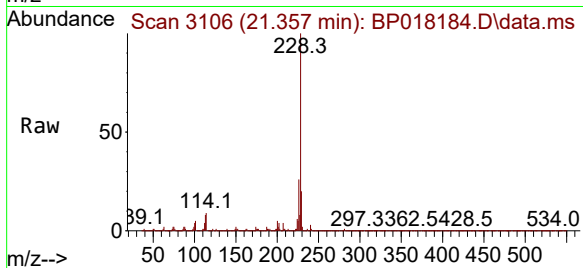
Tgt Ion:228 Resp: 826182

Ion Ratio Lower Upper

228 100

229 19.7 15.4 23.0

226 26.3 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.671 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

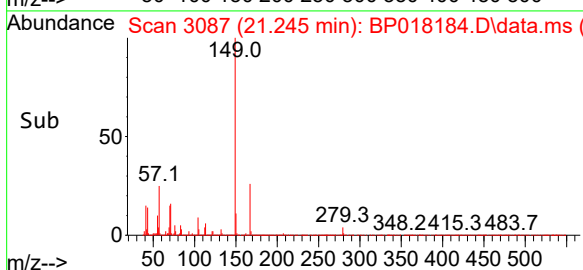
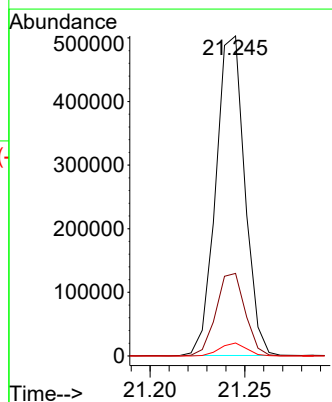
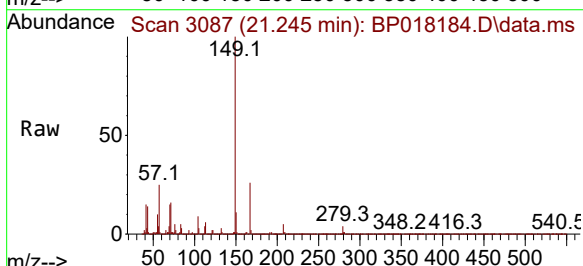
Tgt Ion:149 Resp: 533775

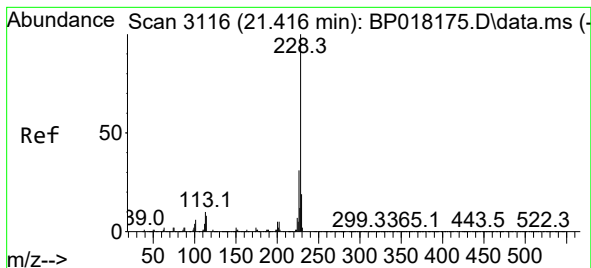
Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

279 4.1 3.2 4.8





#87

Chrysene

Concen: 31.058 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

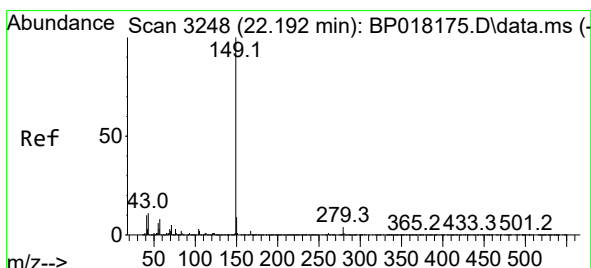
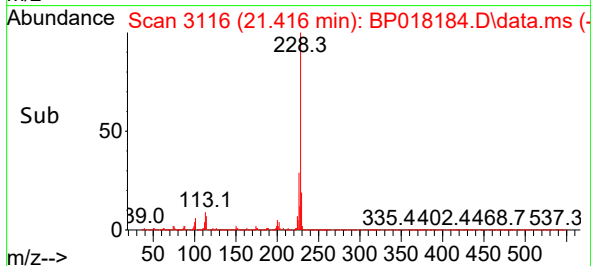
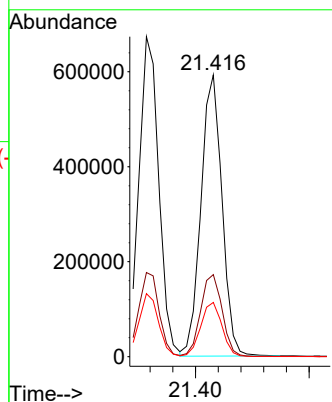
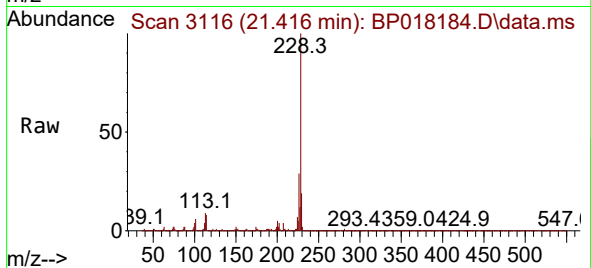
Tgt Ion:228 Resp: 762115

Ion Ratio Lower Upper

228 100

226 29.1 23.1 34.7

229 19.3 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 35.296 ng/ul

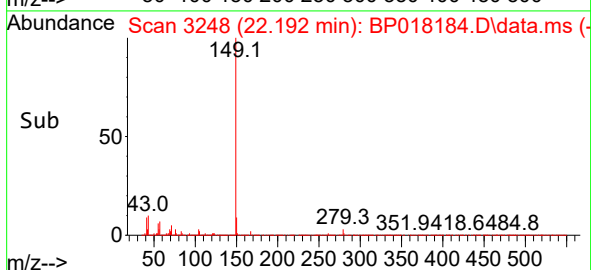
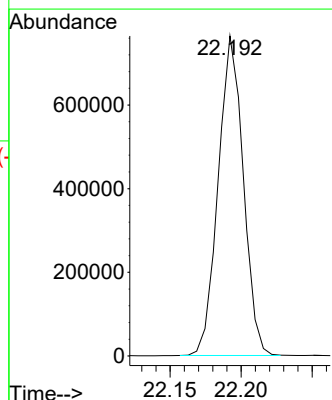
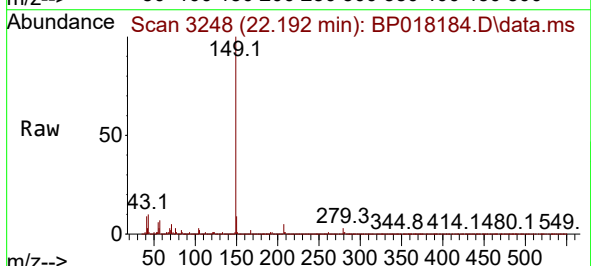
RT: 22.192 min Scan# 3248

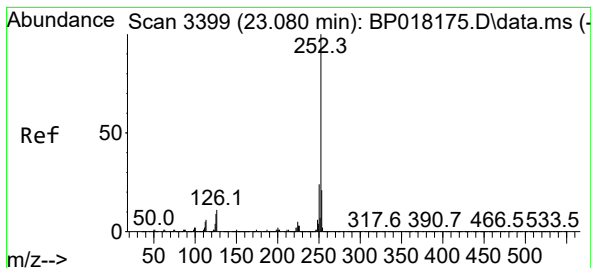
Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Tgt Ion:149 Resp: 938087





#90

Benzo(b)fluoranthene

Concen: 31.618 ng/ul

RT: 23.080 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

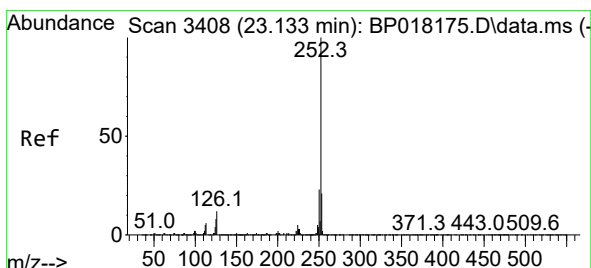
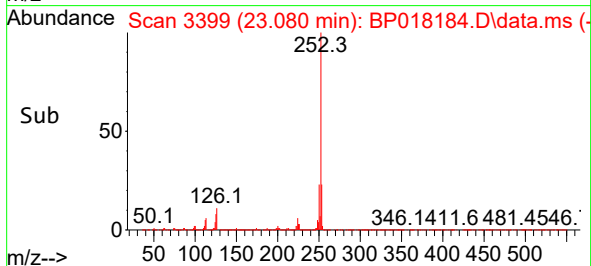
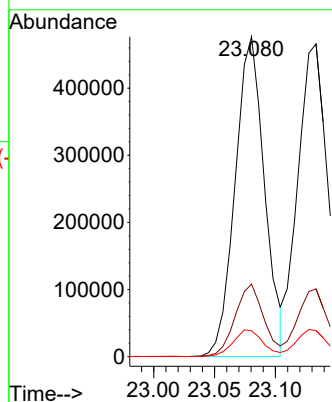
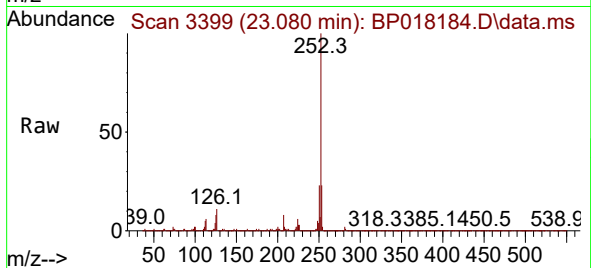
Tgt Ion:252 Resp: 799681

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 8.1 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 31.891 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

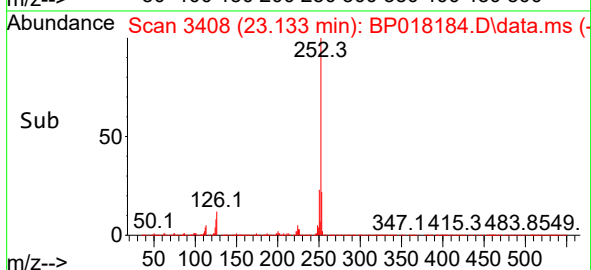
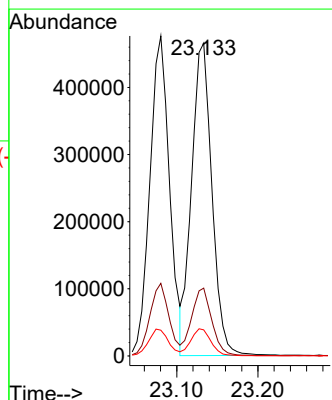
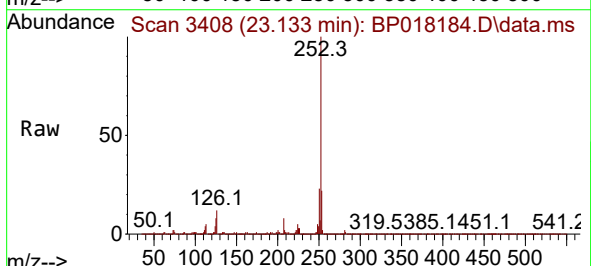
Tgt Ion:252 Resp: 811512

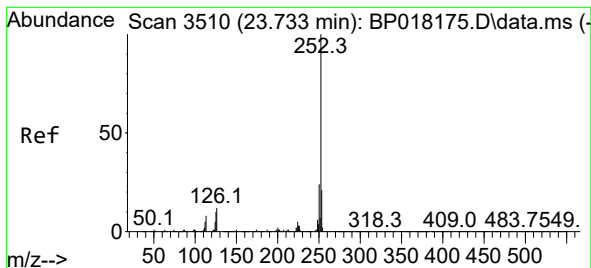
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.3 6.8 10.2





#93

Benzo(a)pyrene

Concen: 31.877 ng/ul

RT: 23.733 min Scan# 3510

Delta R.T. 0.000 min

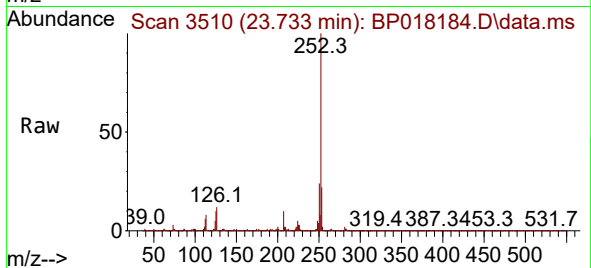
Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :



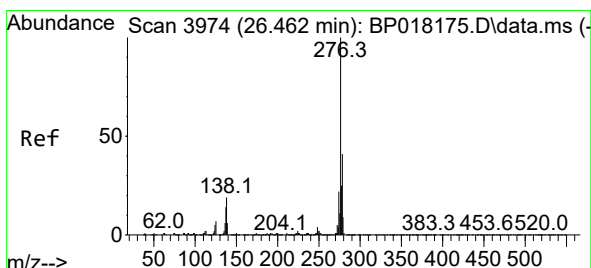
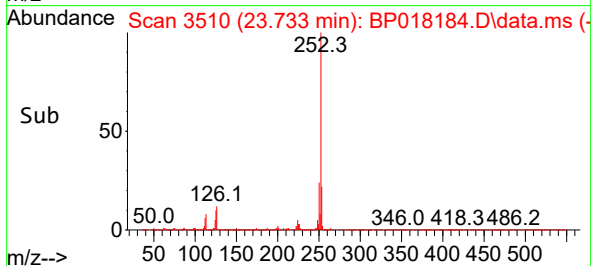
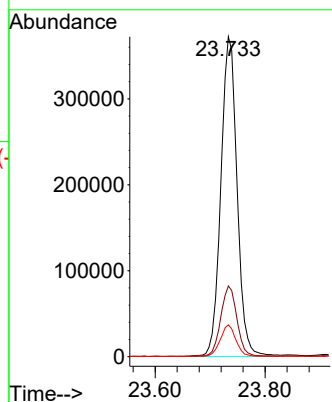
Tgt Ion:252 Resp: 761382

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.0 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.554 ng/ul

RT: 26.462 min Scan# 3974

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

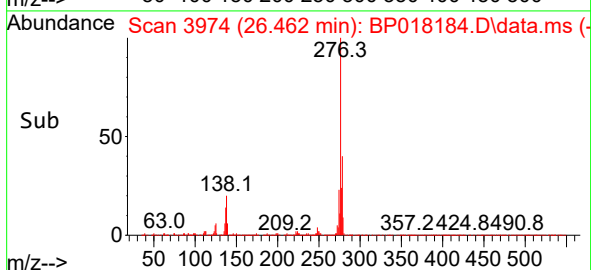
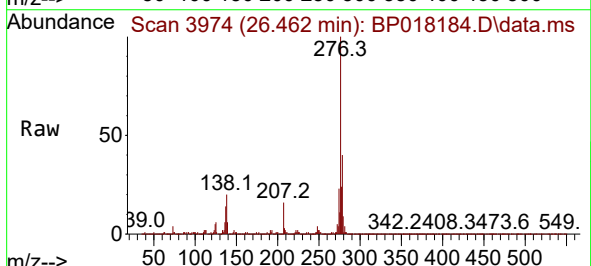
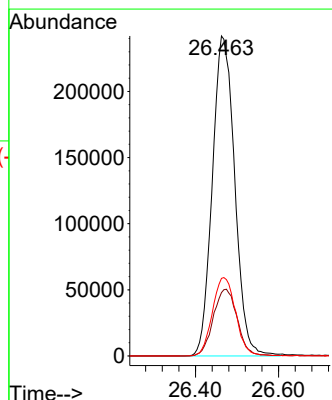
Tgt Ion:276 Resp: 903926

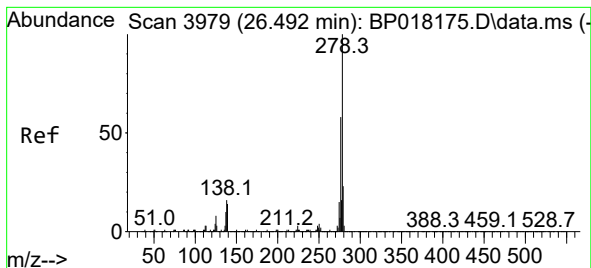
Ion Ratio Lower Upper

276 100

138 19.8 15.6 23.4

277 24.2 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 32.013 ng/ul

RT: 26.492 min Scan# 3979

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Instrument :

BNA_P

ClientSampleId :

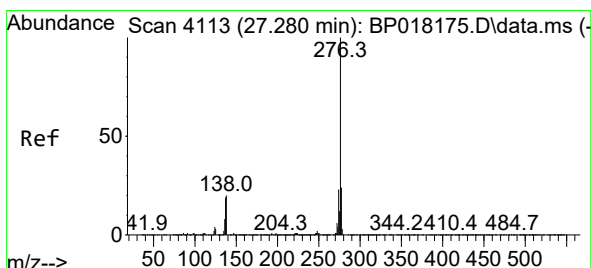
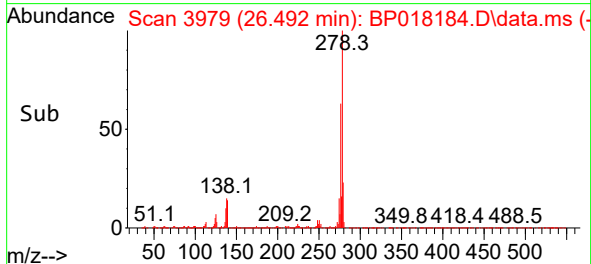
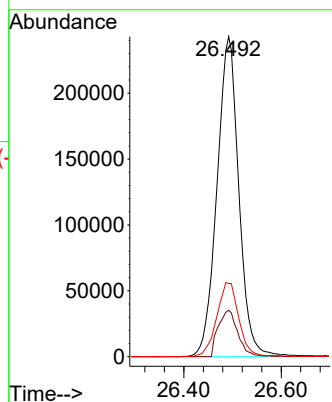
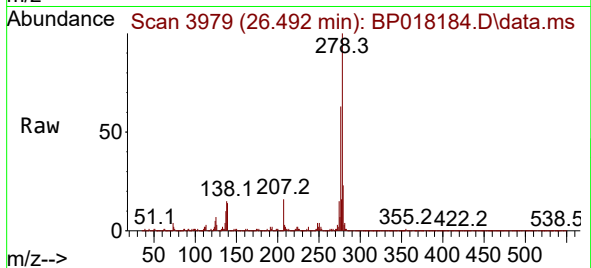
Tgt Ion:278 Resp: 755121

Ion Ratio Lower Upper

278 100

139 14.5 11.1 16.7

279 22.9 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 31.636 ng/ul

RT: 27.280 min Scan# 4113

Delta R.T. 0.000 min

Lab File: BP018184.D

Acq: 15 Nov 2023 21:05

Tgt Ion:276 Resp: 724874

Ion Ratio Lower Upper

276 100

138 19.7 13.8 20.6

277 24.0 20.2 30.2

