

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
 Data File : BP018149.D
 Acq On : 14 Nov 2023 11:05
 Operator : MA/JU
 Sample : PB157057BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 15 00:36:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 15:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	77621	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	323852	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	213195	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	490351	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	559253	20.000	ng/u1	-0.01
88) Perylene-d12	23.851	264	577440	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	12359	5.617	ng/uL	0.00
4) Pyridine-d5	3.593	84	121600	21.195	ng/u1	-0.01
7) Phenol-d5	6.952	99	200989	26.821	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	124129	28.186	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	160817	27.100	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	160498	26.137	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	79507	27.250	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	90803	27.470	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	161930	27.486	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	192131	23.781	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	552344	28.079	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	588456	27.466	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	68577	23.330	ng/u1	-0.01
60) Fluorene-d10	15.469	176	458834	28.252	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	88066	24.843	ng/u1	-0.04
73) Anthracene-d10	17.351	188	746252	28.139	ng/u1	0.00
81) Pyrene-d10	19.604	212	972257	26.027	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.686	264	974087	29.011	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	26394	10.992	ng/uL	96
5) Pyridine	3.611	79	147212	24.862	ng/u1	98
6) Benzaldehyde	6.957	77	112819	27.954	ng/u1	96
8) Phenol	6.981	94	212046	28.684	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	173955	30.332	ng/u1	96
12) 2-Chlorophenol	7.340	128	171426	28.771	ng/u1	97
13) 2-Methylphenol	8.240	108	158287	28.338	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.299	45	113367	17.312	ng/u1	99
16) Acetophenone	8.646	105	276547	28.332	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.610	70	147392	27.658	ng/u1	92
18) 4-Methylphenol	8.575	108	171848	28.211	ng/u1	93
19) Hexachloroethane	8.834	117	84094	29.499	ng/u1	90
22) Nitrobenzene	9.040	77	240024	30.466	ng/u1	96
23) Isophorone	9.540	82	412540	28.697	ng/u1	100
25) 2-Nitrophenol	9.740	139	101834	29.980	ng/u1	98
26) 2,4-Dimethylphenol	9.781	107	189782	26.265	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.034	93	239009	30.488	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	165715	29.456	ng/u1	96
30) Naphthalene	10.657	128	572342	29.061	ng/u1	99
32) 4-Chloroaniline	10.810	127	192276	24.846	ng/u1	96
33) Hexachlorobutadiene	10.875	225	121293	29.369	ng/u1	99
34) Caprolactam	11.634	113	52938	28.326	ng/u1	93
35) 4-Chloro-3-methylphenol	11.922	107	199911	29.536	ng/u1	95
36) 2-Methylnaphthalene	12.275	142	401880	29.722	ng/u1	96

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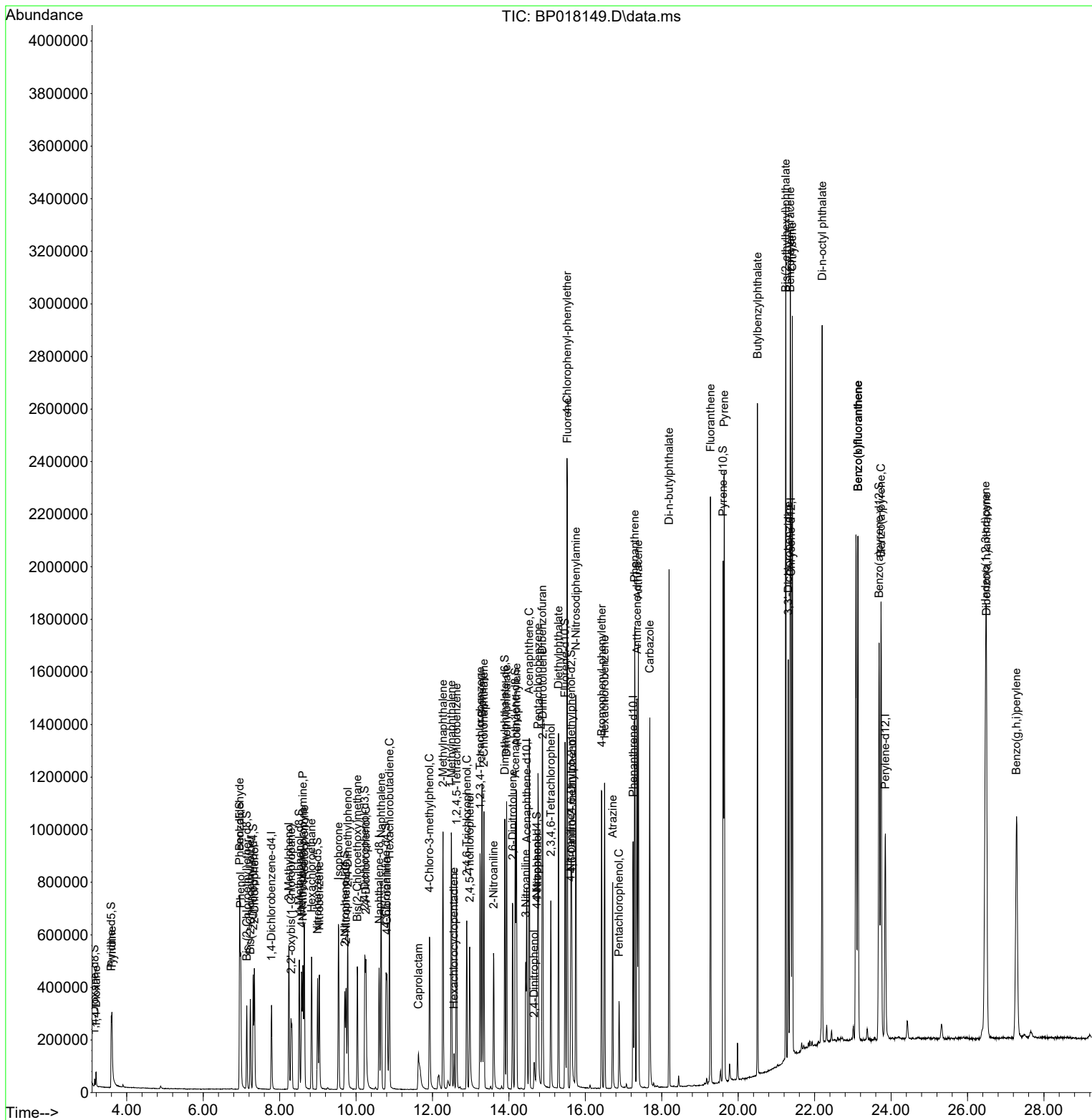
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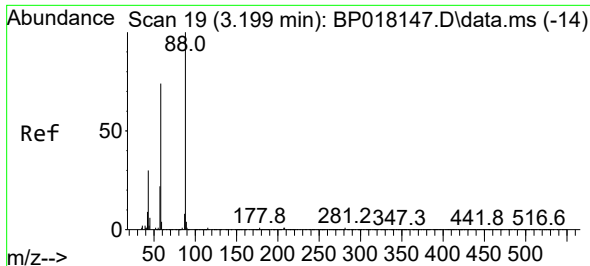
Quant Time: Nov 15 00:36:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 15:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	399357	28.742	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	210189	29.184	ng/ul	98
40) Hexachlorocyclopentadiene	12.563	237	26729	7.689	ng/ul	94
41) 2,4,6-Trichlorophenol	12.898	196	127785	27.047	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	133516	26.852	ng/ul	97
43) 1,1'-Biphenyl	13.298	154	541012	29.843	ng/ul	99
44) 2-Chloronaphthalene	13.345	162	423045	29.393	ng/ul	100
45) 2-Nitroaniline	13.598	65	145864	31.405	ng/ul	95
47) Dimethylphthalate	13.939	163	581322	30.126	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	113999	29.723	ng/ul	97
50) Acenaphthylene	14.198	152	713419	29.493	ng/ul	99
51) 3-Nitroaniline	14.439	138	103502	29.082	ng/ul	97
52) Acenaphthene	14.534	153	478754	29.847	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	23677	11.316	ng/ul	95
55) 4-Nitrophenol	14.739	109	108845	27.896	ng/ul	98
56) Dibenzofuran	14.875	168	657278	29.902	ng/ul	97
57) 2,4-Dinitrotoluene	14.886	165	175375	30.605	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.098	232	111893	25.296	ng/ul	93
59) Diethylphthalate	15.298	149	636049	31.551	ng/ul	99
61) Fluorene	15.528	166	564421	30.245	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	278550	30.459	ng/ul	99
63) 4-Nitroaniline	15.616	138	101401	30.193	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.645	198	93691	25.471	ng/ul	97
67) N-Nitrosodiphenylamine	15.751	169	473575	30.115	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	163015	29.496	ng/ul	94
69) Hexachlorobenzene	16.504	284	177991	28.863	ng/ul	95
70) Atrazine	16.716	200	135731	24.743	ng/ul	99
71) Pentachlorophenol	16.880	266	46804	12.503	ng/ul	95
72) Phenanthrene	17.292	178	932704	30.979	ng/ul	100
74) Anthracene	17.386	178	934841	30.427	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	214149	28.599	ng/uL	97
76) Pentachlorobenzene	14.763	250	209411	28.567	ng/uL	97
77) Carbazole	17.686	167	868454	32.550	ng/ul	99
78) Di-n-butylphthalate	18.192	149	1193033	35.241	ng/ul	99
80) Fluoranthene	19.274	202	1208628	27.704	ng/ul	96
82) Pyrene	19.633	202	1267894	27.735	ng/ul	96
83) Butylbenzylphthalate	20.504	149	625704	32.546	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.310	252	381224	28.532	ng/ul	96
85) Benzo(a)anthracene	21.363	228	1376034	30.471	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	981115	37.014	ng/ul	99
87) Chrysene	21.416	228	1280885	30.318	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1776148	41.130	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1255581	30.553	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	1255581	30.368	ng/ul	98
93) Benzo(a)pyrene	23.739	252	1226276	31.598	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.474	276	1371018	29.455	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.498	278	1142411	29.808	ng/ul#	95
96) Benzo(g,h,i)perylene	27.280	276	1105336	29.690	ng/ul#	91

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

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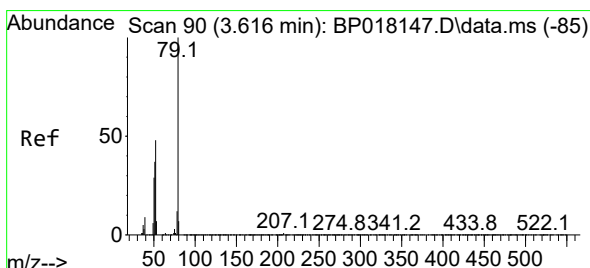
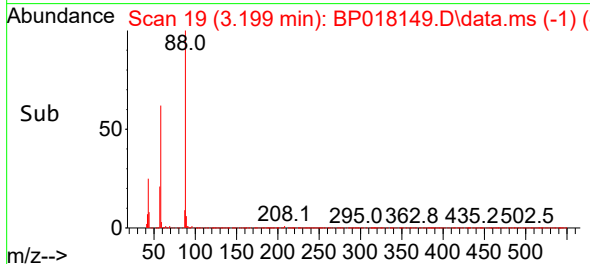
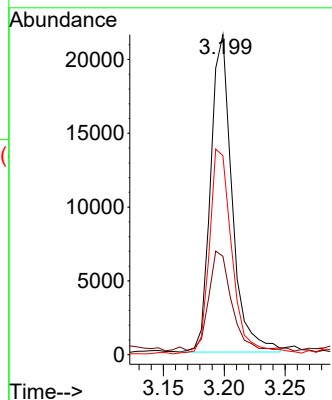
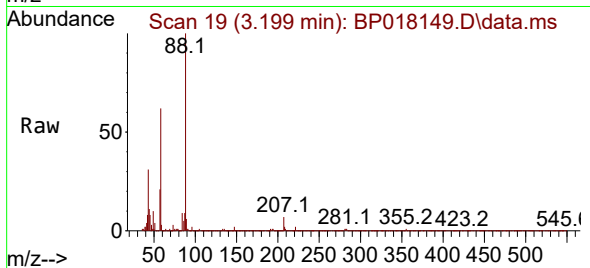




#2
1,4-Dioxane
Concen: 10.992 ng/uL
RT: 3.199 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP018149.D
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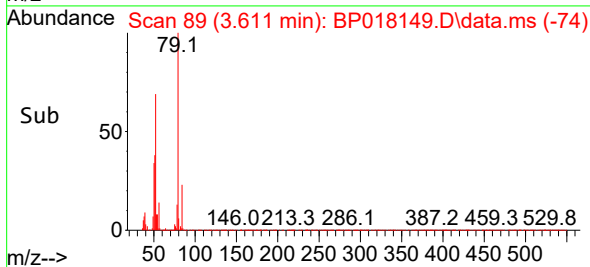
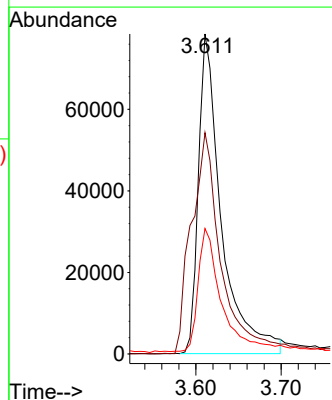
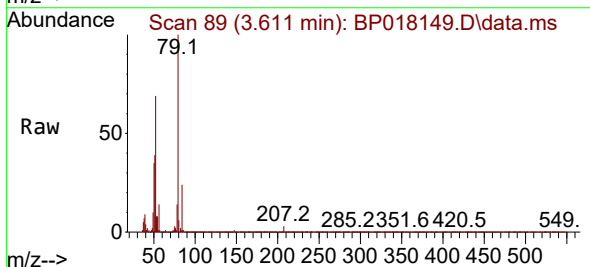
Instrument :
BNA_P
ClientSampleId :

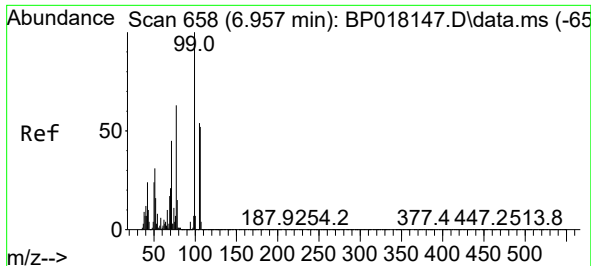
Tgt Ion: 88 Resp: 26394
Ion Ratio Lower Upper
88 100
43 30.8 25.4 38.2
58 62.2 53.3 79.9



#5
Pyridine
Concen: 24.862 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. -0.012 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion: 79 Resp: 147212
Ion Ratio Lower Upper
79 100
52 69.1 53.9 80.9
51 39.2 32.2 48.2

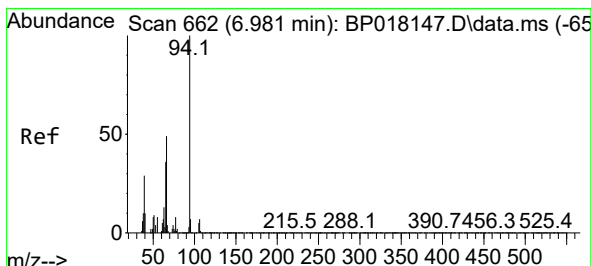
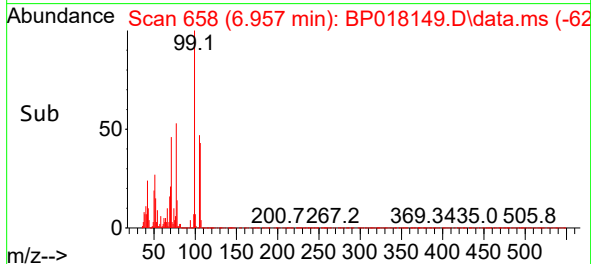
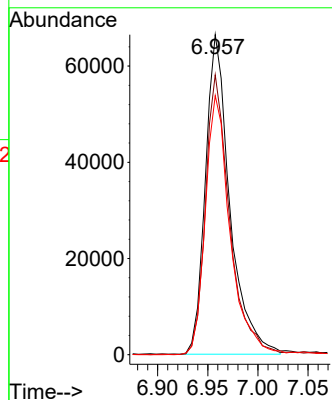
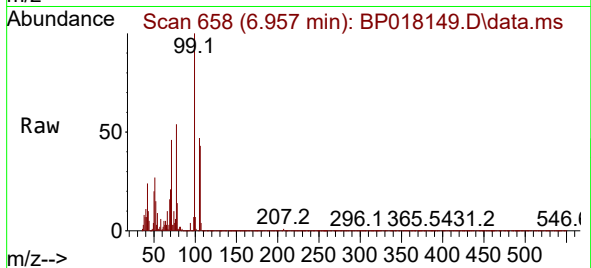




#6
Benzaldehyde
Concen: 27.954 ng/ul
RT: 6.957 min Scan# 611
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

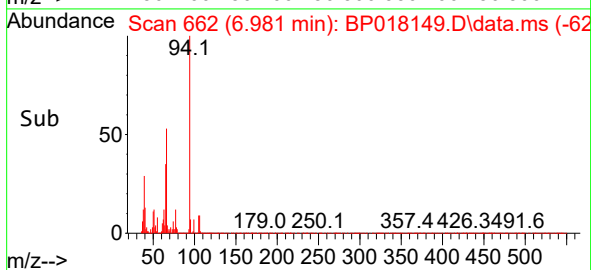
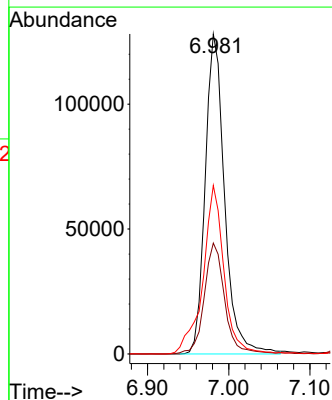
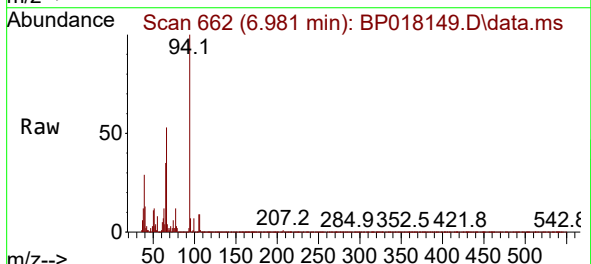
Instrument :
BNA_P
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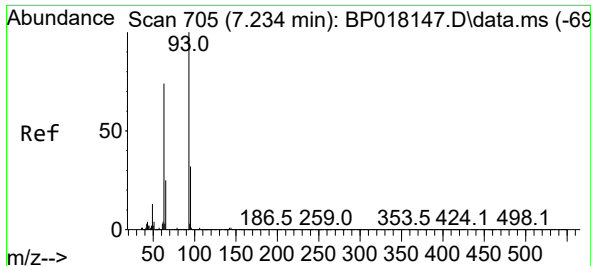
Tgt Ion: 77 Resp: 112819
Ion Ratio Lower Upper
77 100
105 87.4 72.7 109.1
106 81.0 67.5 101.3



#8
Phenol
Concen: 28.684 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

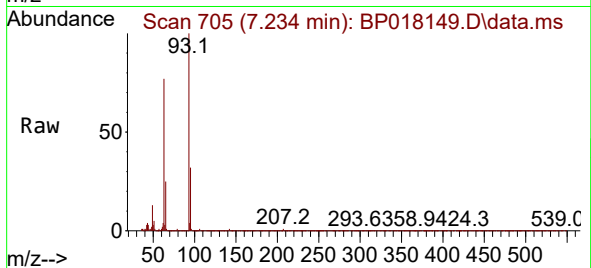
Tgt Ion: 94 Resp: 212046
Ion Ratio Lower Upper
94 100
65 34.7 28.2 42.2
66 52.6 40.3 60.5



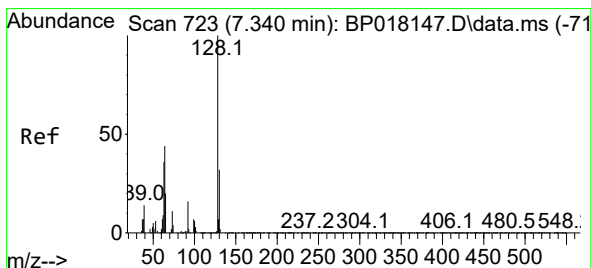
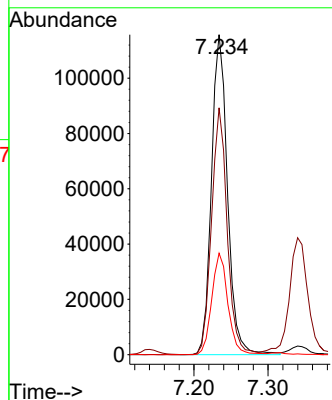
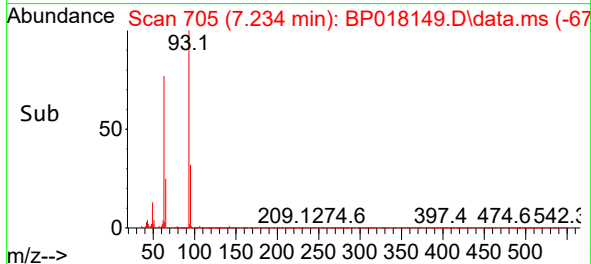


#10
Bis(2-Chloroethyl)ether
Concen: 30.332 ng/ul
RT: 7.234 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

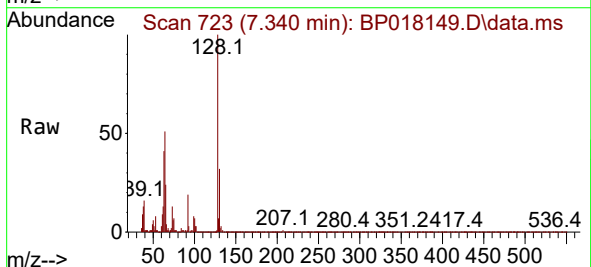
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BNA_P
ClientSampleId :



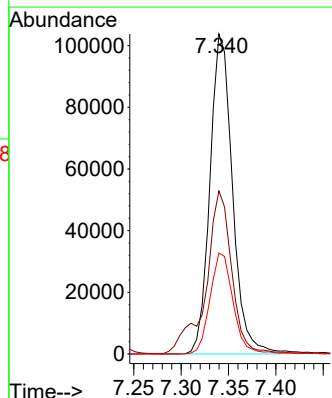
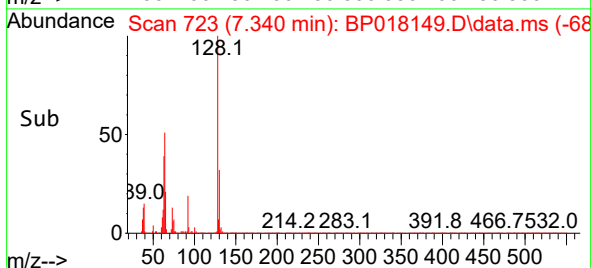
Tgt Ion: 93 Resp: 173955
Ion Ratio Lower Upper
93 100
63 77.1 57.8 86.6
95 31.7 25.5 38.3

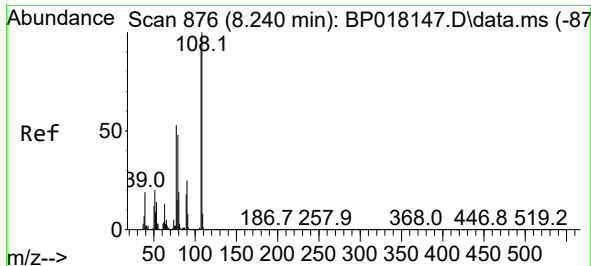


#12
2-Chlorophenol
Concen: 28.771 ng/ul
RT: 7.340 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05



Tgt Ion: 128 Resp: 171426
Ion Ratio Lower Upper
128 100
64 51.0 39.2 58.8
130 31.6 26.6 40.0





#13

2-Methylphenol

Concen: 28.338 ng/ul

RT: 8.240 min Scan# 876

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

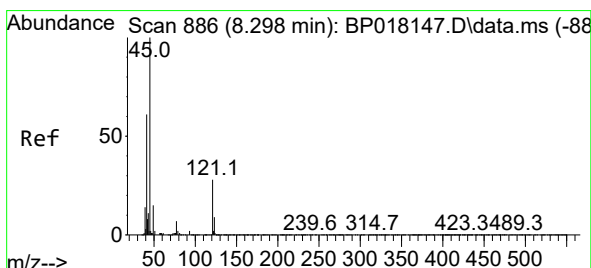
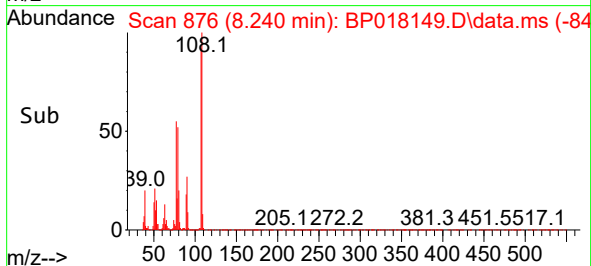
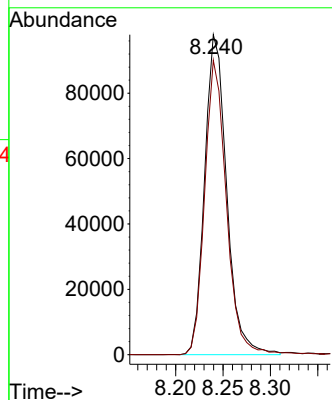
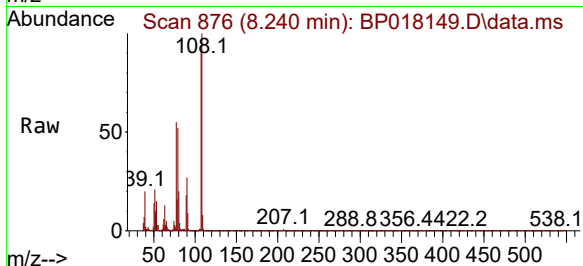
ClientSampleId :

Tgt Ion:108 Resp: 158287

Ion Ratio Lower Upper

108 100

107 92.0 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.312 ng/ul

RT: 8.299 min Scan# 886

Delta R.T. -0.000 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

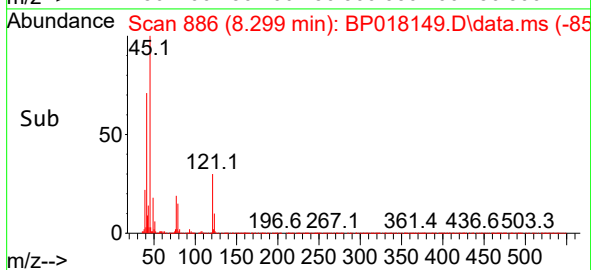
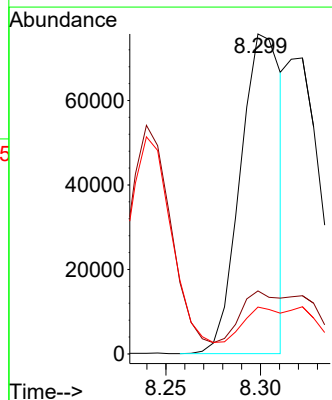
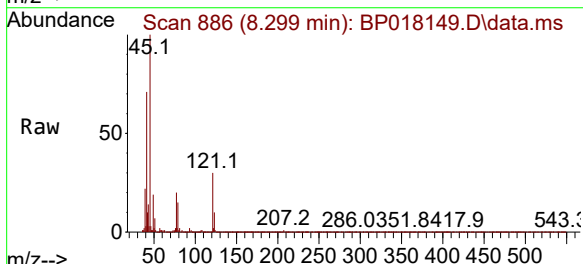
Tgt Ion: 45 Resp: 113367

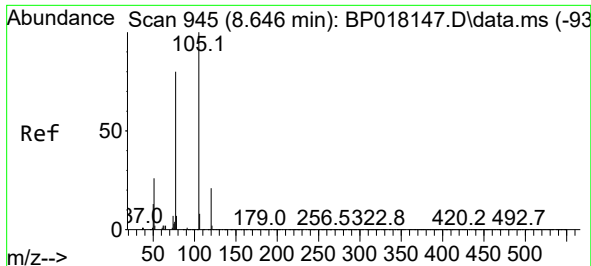
Ion Ratio Lower Upper

45 100

77 19.7 16.1 24.1

79 14.6 11.1 16.7

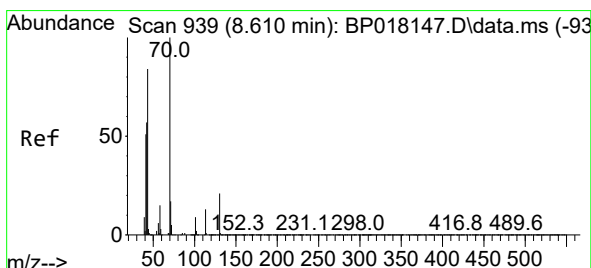
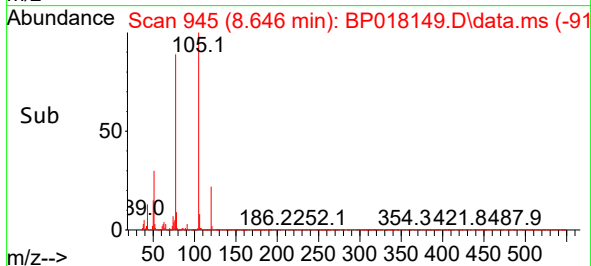
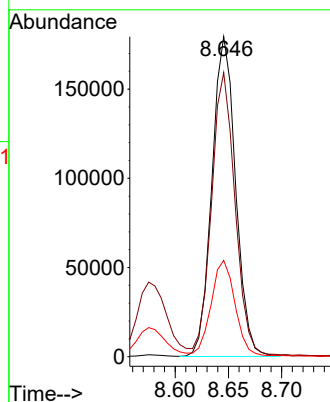
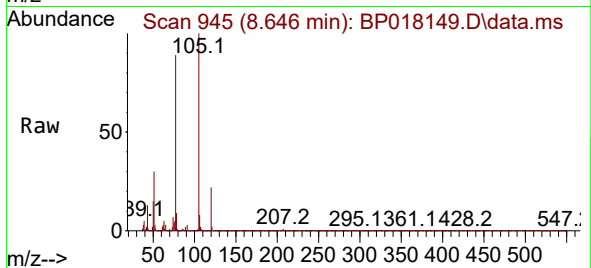




#16
Acetophenone
Concen: 28.332 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP018149.D
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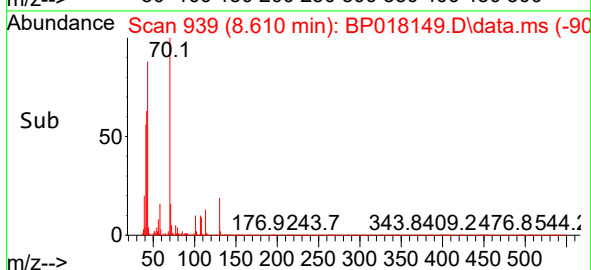
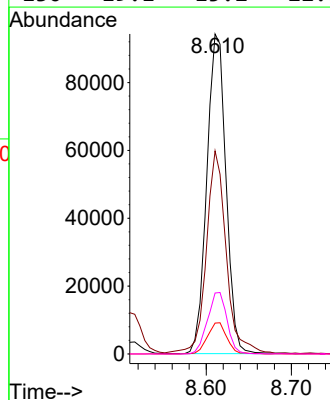
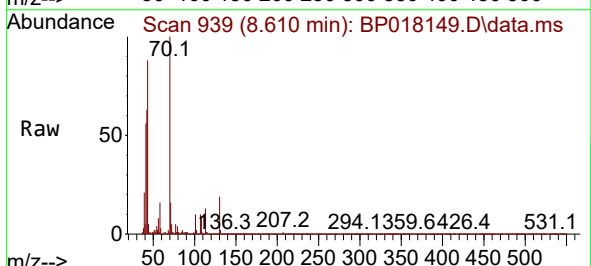
Instrument :
BNA_P
ClientSampleId :

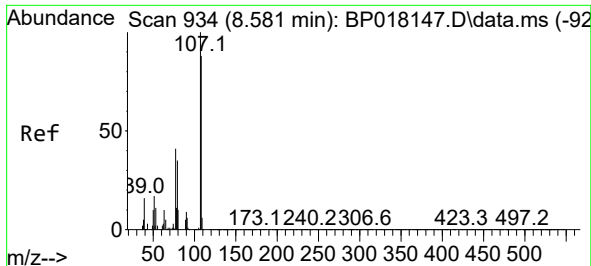
Tgt Ion:105 Resp: 276547
Ion Ratio Lower Upper
105 100
77 88.8 70.1 105.1
51 30.1 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 27.658 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion: 70 Resp: 147392
Ion Ratio Lower Upper
70 100
42 63.5 43.7 65.5
101 9.6 8.2 12.4
130 19.1 15.2 22.8

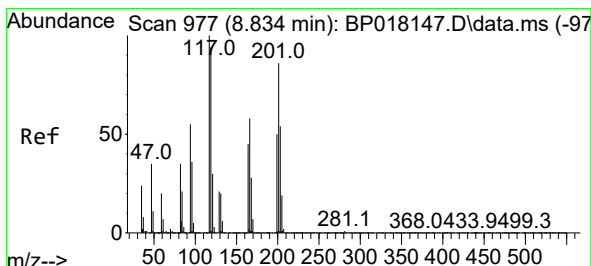
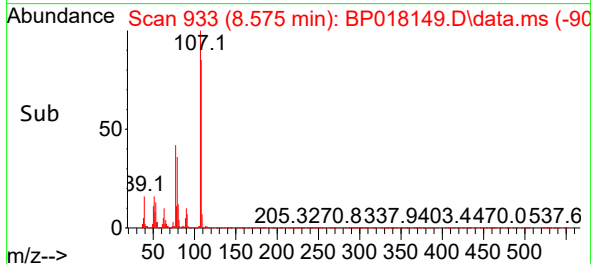
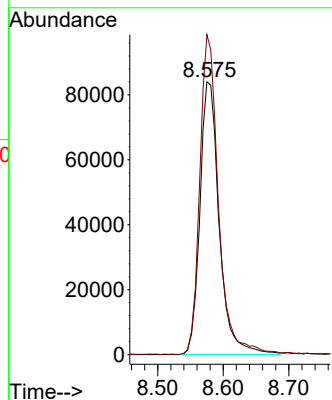
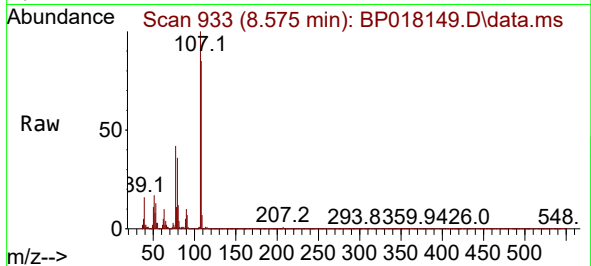




#18
4-Methylphenol
Concen: 28.211 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

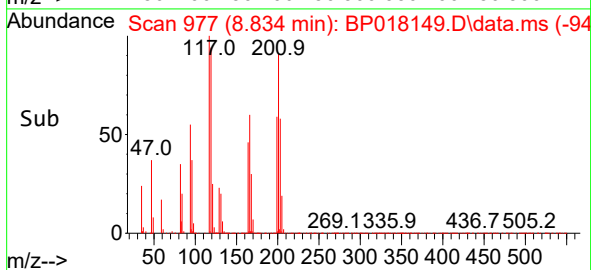
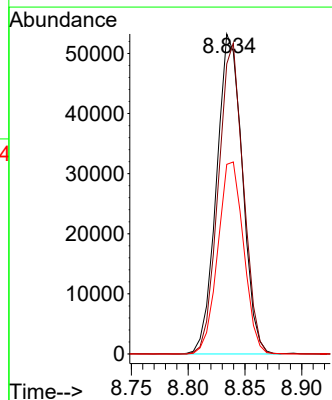
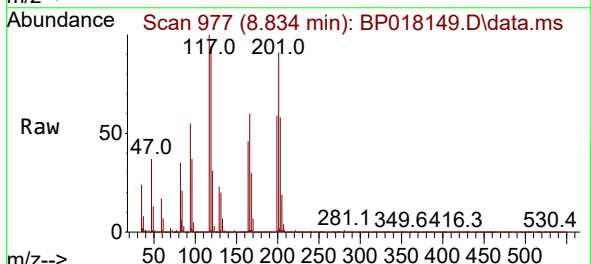
Instrument :
BNA_P
ClientSampleId :

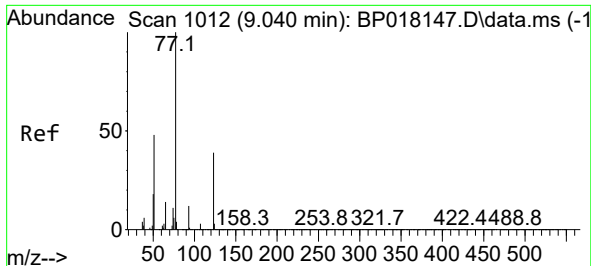
Tgt Ion:108 Resp: 171848
Ion Ratio Lower Upper
108 100
107 117.2 88.2 132.4



#19
Hexachloroethane
Concen: 29.499 ng/ul
RT: 8.834 min Scan# 977
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:117 Resp: 84094
Ion Ratio Lower Upper
117 100
201 90.7 84.8 127.2
199 59.3 49.0 73.4

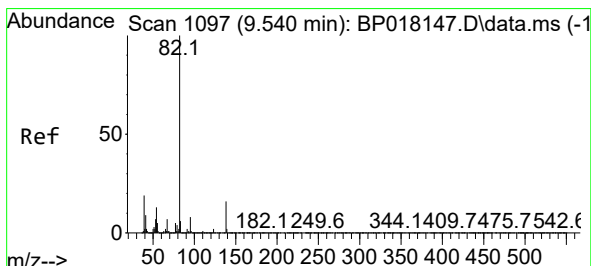
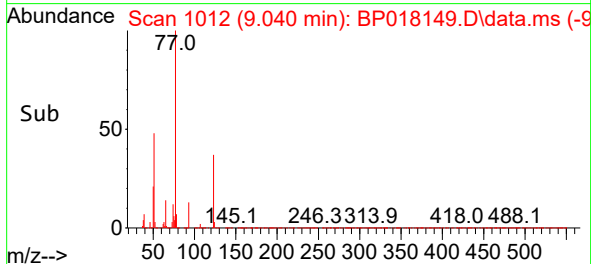
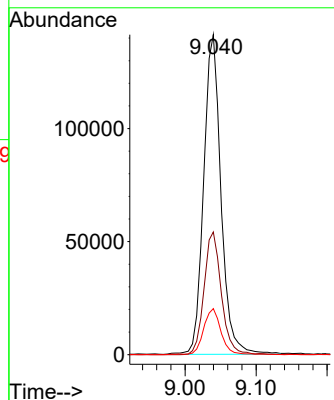
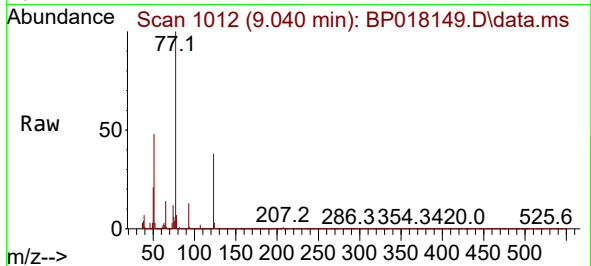




#22
Nitrobenzene
Concen: 30.466 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

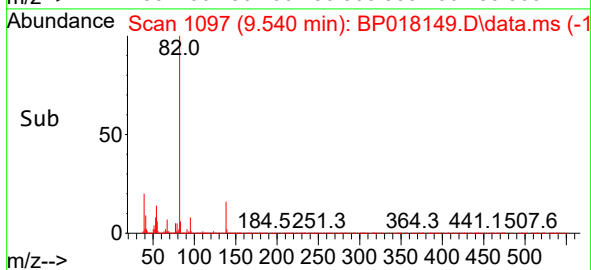
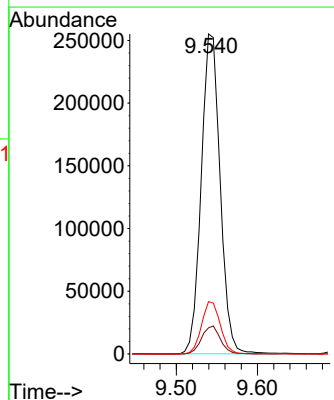
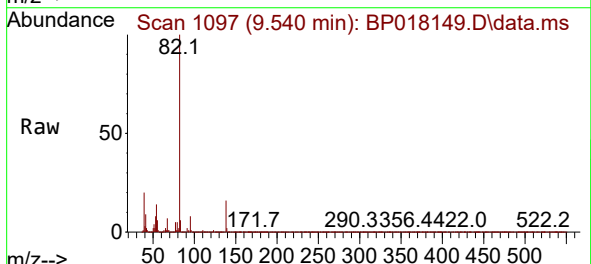
Instrument :
BNA_P
ClientSampleId :

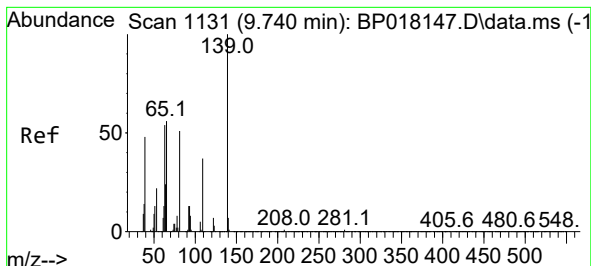
Tgt Ion: 77 Resp: 240024
Ion Ratio Lower Upper
77 100
123 38.3 27.8 41.8
65 14.4 11.5 17.3



#23
Isophorone
Concen: 28.697 ng/ul
RT: 9.540 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion: 82 Resp: 412540
Ion Ratio Lower Upper
82 100
95 8.1 6.6 9.8
138 16.4 13.1 19.7





#25

2-Nitrophenol

Concen: 29.980 ng/ul

RT: 9.740 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

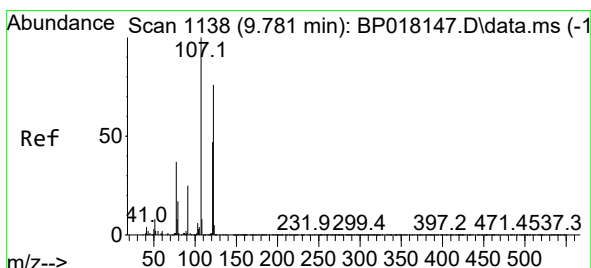
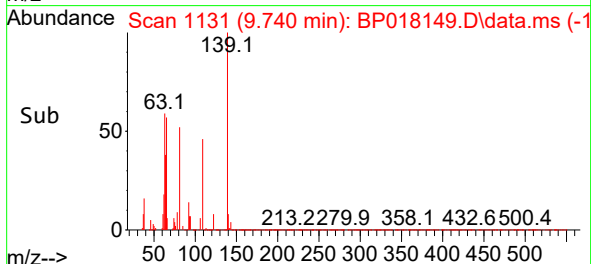
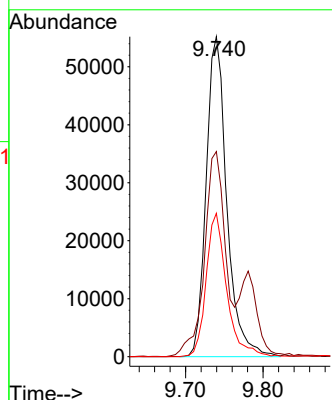
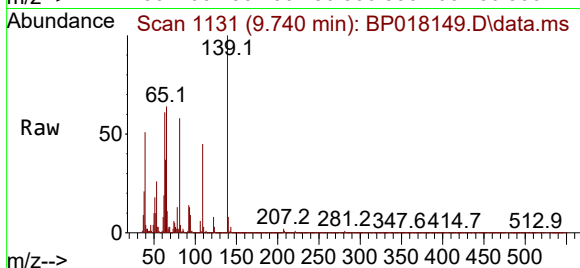
Tgt Ion:139 Resp: 101834

Ion Ratio Lower Upper

139 100

65 64.1 51.4 77.0

109 44.8 33.1 49.7



#26

2,4-Dimethylphenol

Concen: 26.265 ng/ul

RT: 9.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

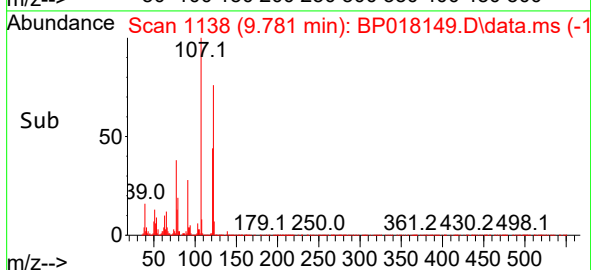
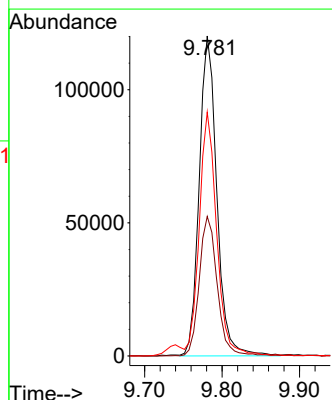
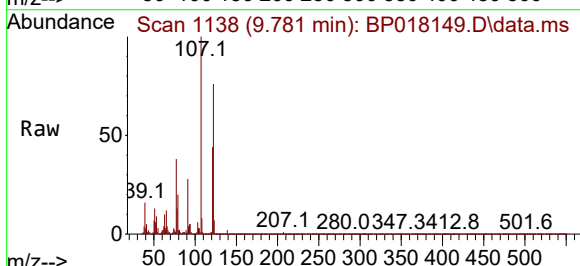
Tgt Ion:107 Resp: 189782

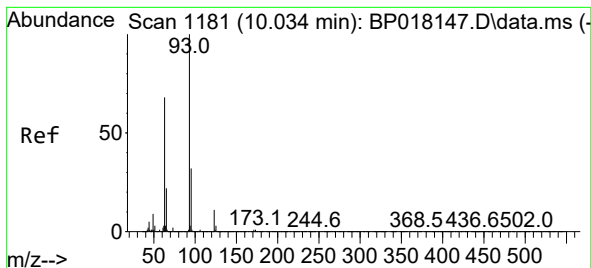
Ion Ratio Lower Upper

107 100

121 43.6 37.8 56.8

122 76.2 62.1 93.1





#27

Bis(2-Chloroethoxy)methane

Concen: 30.488 ng/ul

RT: 10.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

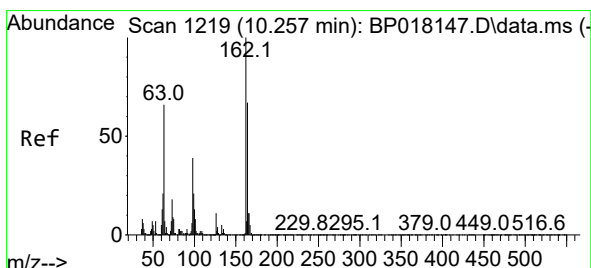
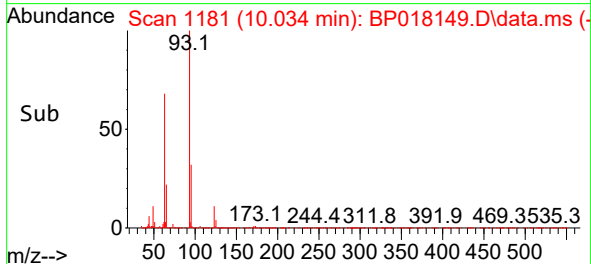
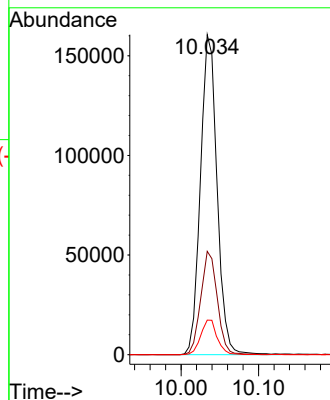
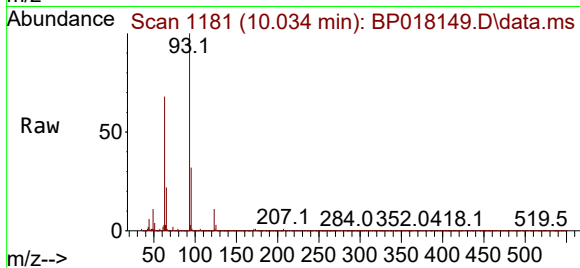
Tgt Ion: 93 Resp: 239009

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 10.8 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 29.456 ng/ul

RT: 10.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

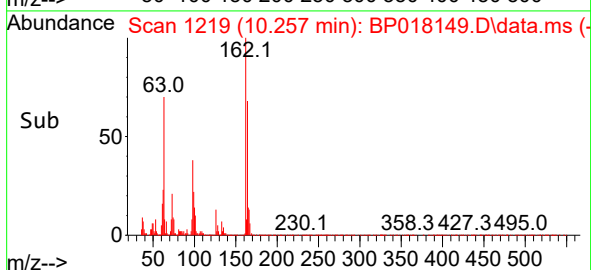
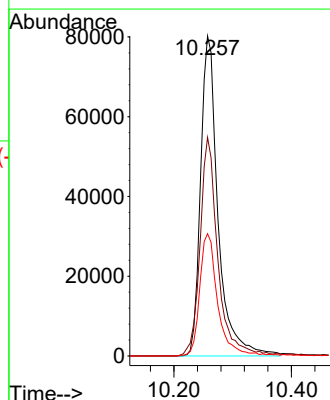
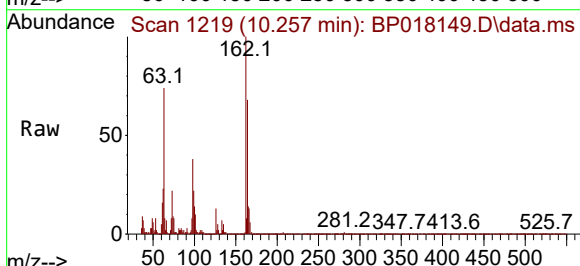
Tgt Ion:162 Resp: 165715

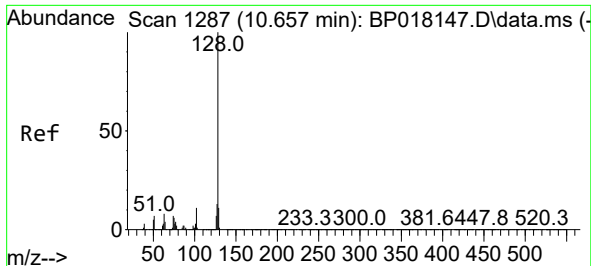
Ion Ratio Lower Upper

162 100

164 68.3 51.8 77.6

98 38.2 28.7 43.1

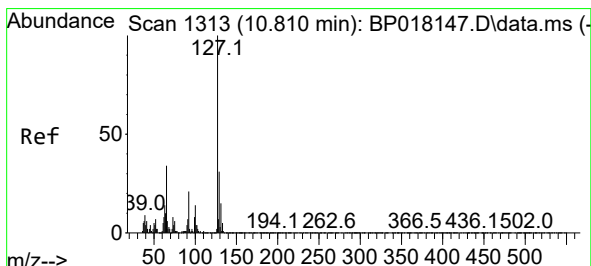
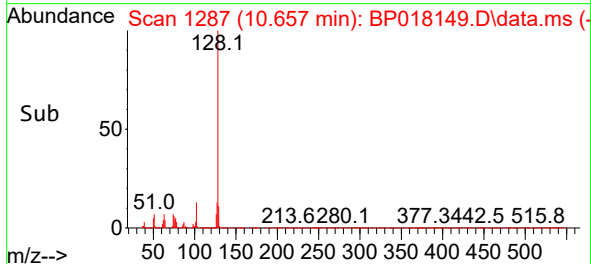
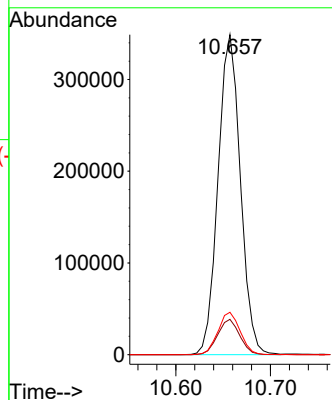
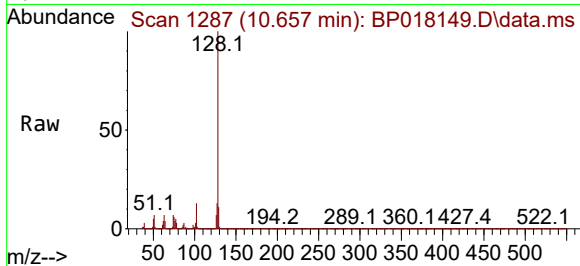




#30
Naphthalene
Concen: 29.061 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

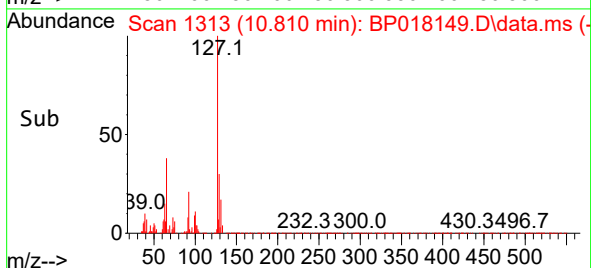
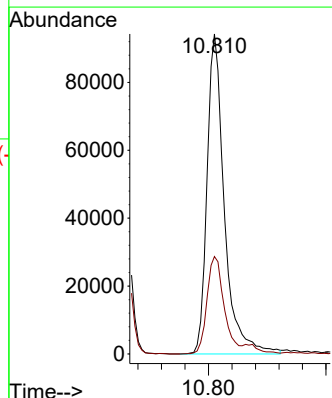
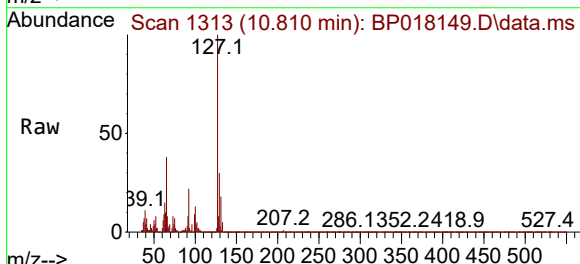
Instrument :
BNA_P
ClientSampleId :

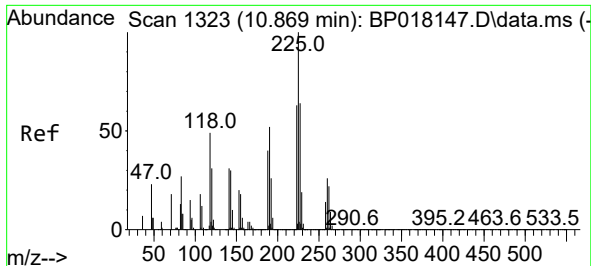
Tgt Ion:128 Resp: 572342
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.3 15.5



#32
4-Chloroaniline
Concen: 24.846 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

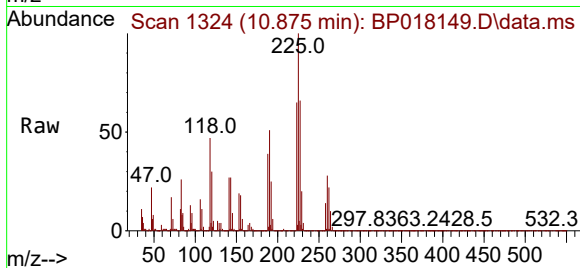
Tgt Ion:127 Resp: 192276
Ion Ratio Lower Upper
127 100
129 30.4 26.1 39.1



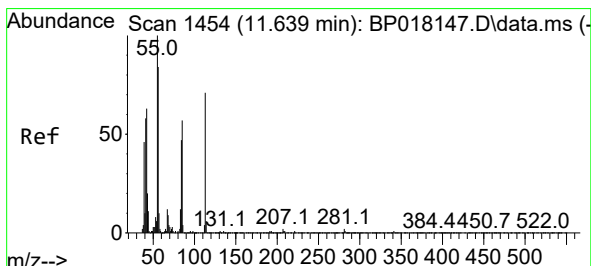
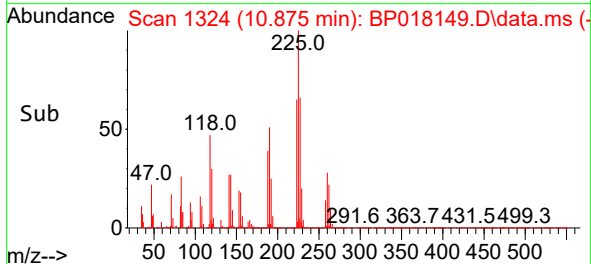
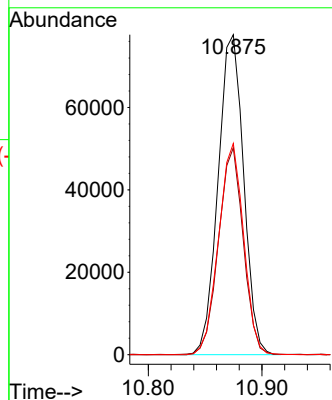


#33
Hexachlorobutadiene
Concen: 29.369 ng/ul
RT: 10.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Instrument :
BNA_P
ClientSampleId :

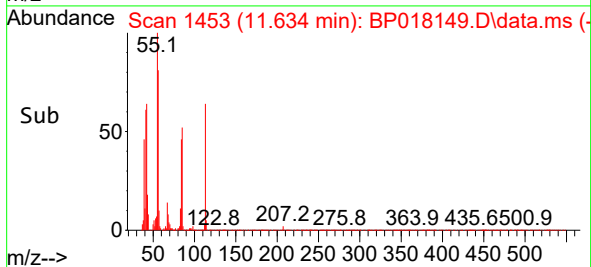
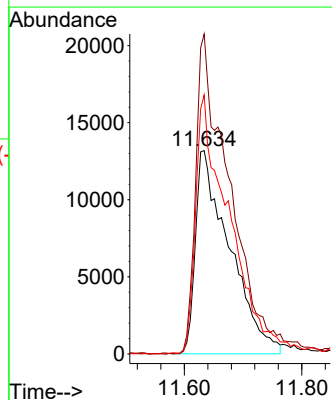
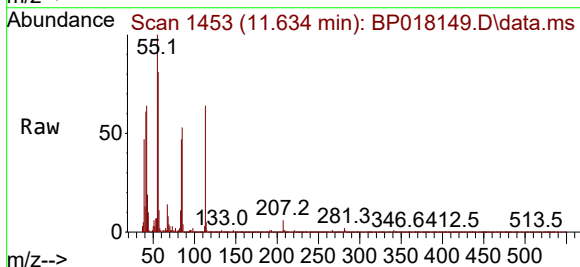


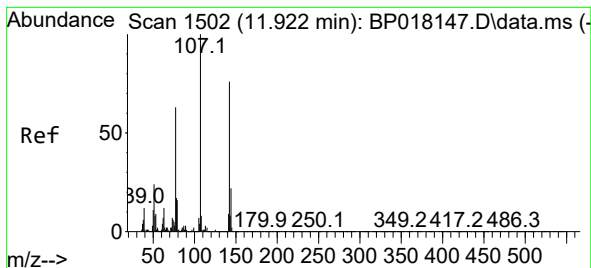
Tgt Ion:225 Resp: 121293
Ion Ratio Lower Upper
225 100
223 64.7 52.5 78.7
227 66.0 51.9 77.9



#34
Caprolactam
Concen: 28.326 ng/ul
RT: 11.634 min Scan# 1453
Delta R.T. -0.035 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:113 Resp: 52938
Ion Ratio Lower Upper
113 100
55 157.4 118.3 177.5
56 127.4 95.6 143.4

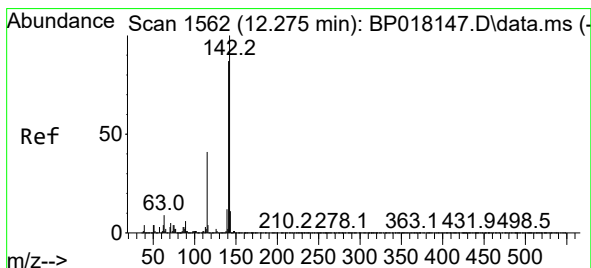
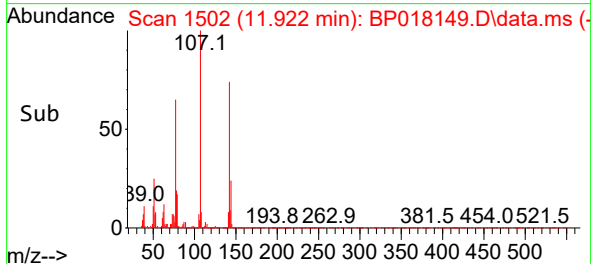
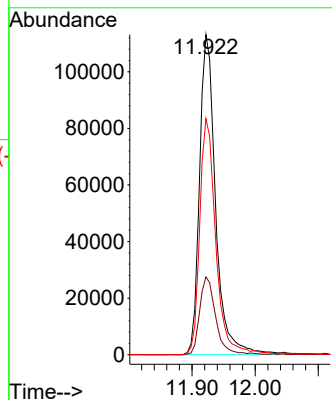
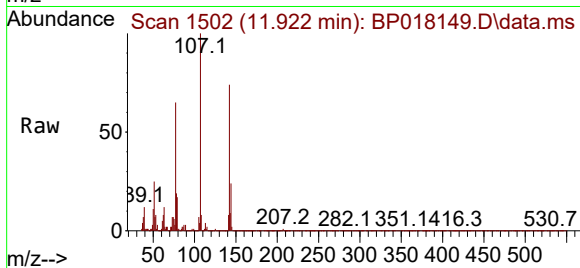




#35
4-Chloro-3-methylphenol
Concen: 29.536 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

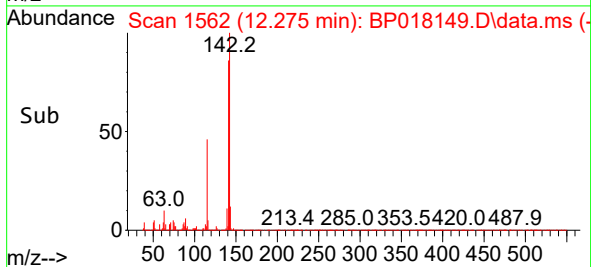
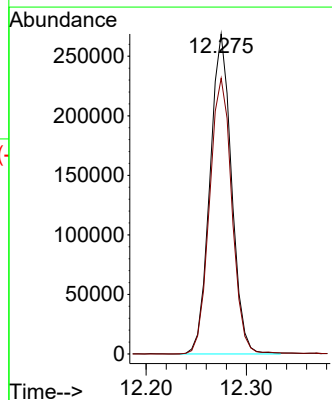
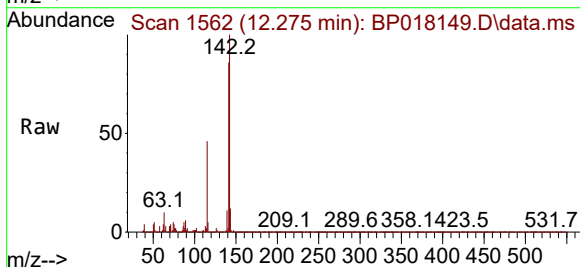
Instrument :
BNA_P
ClientSampleId :

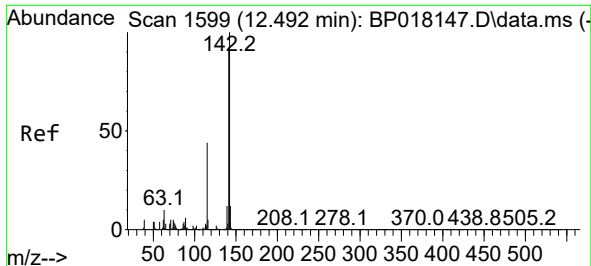
Tgt Ion:107 Resp: 199911
Ion Ratio Lower Upper
107 100
144 24.3 19.1 28.7
142 73.8 54.8 82.2



#36
2-Methylnaphthalene
Concen: 29.722 ng/ul
RT: 12.275 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:142 Resp: 401880
Ion Ratio Lower Upper
142 100
141 86.2 71.7 107.5





#37

1-Methylnaphthalene

Concen: 28.742 ng/ul

RT: 12.492 min Scan# 1599

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

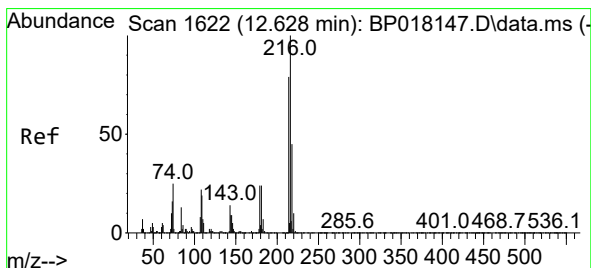
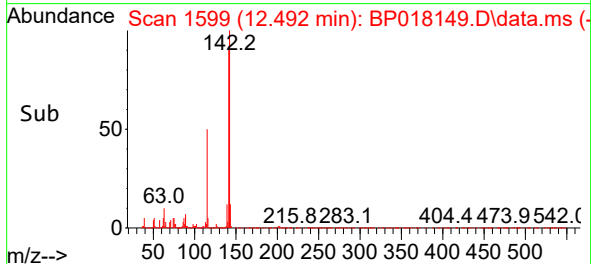
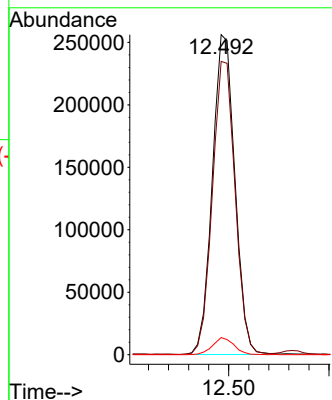
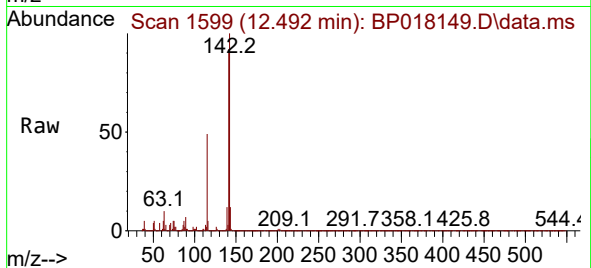
Tgt Ion:142 Resp: 399357

Ion Ratio Lower Upper

142 100

141 91.7 72.8 109.2

116 5.4 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.184 ng/ul

RT: 12.628 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Tgt Ion:216 Resp: 210189

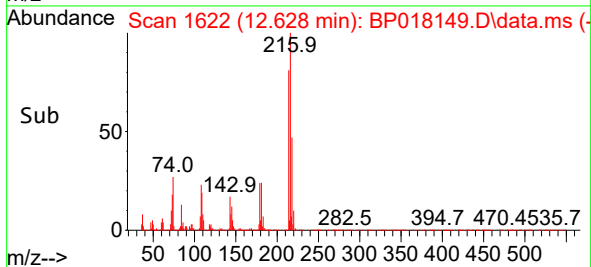
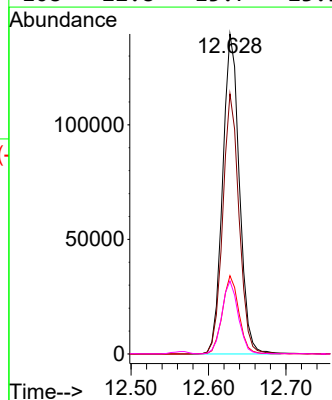
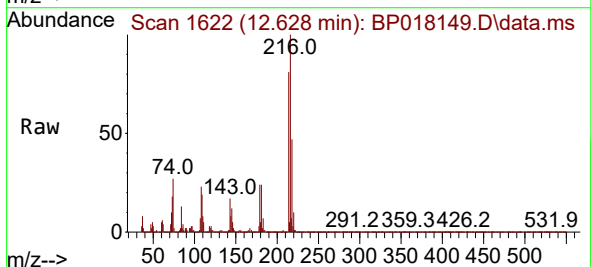
Ion Ratio Lower Upper

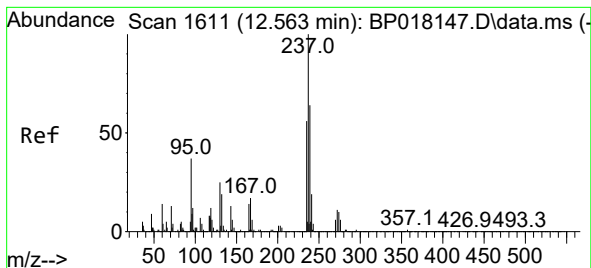
216 100

214 81.3 64.8 97.2

179 24.5 18.3 27.5

108 22.8 15.7 23.5

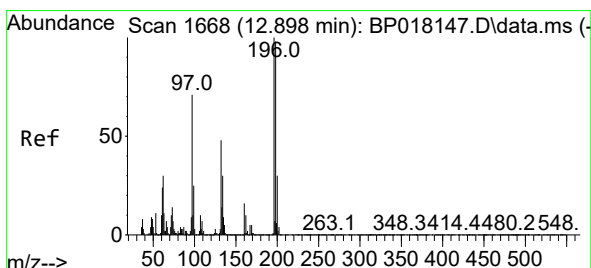
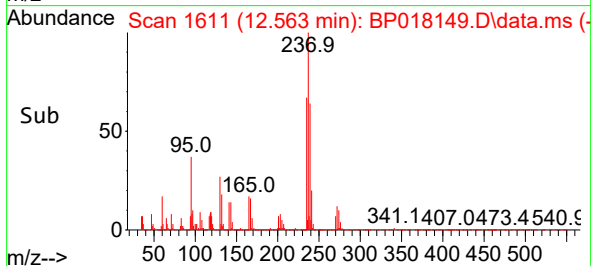
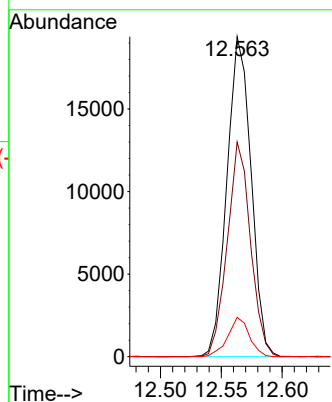
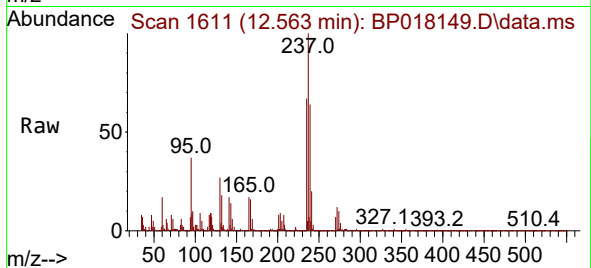




#40
Hexachlorocyclopentadiene
Concen: 7.689 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

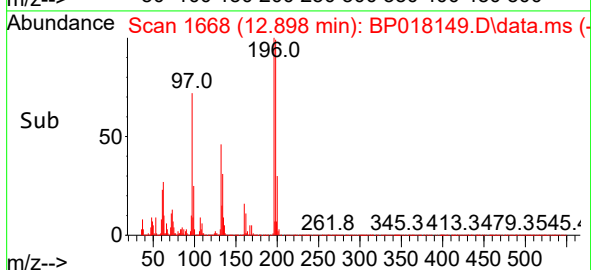
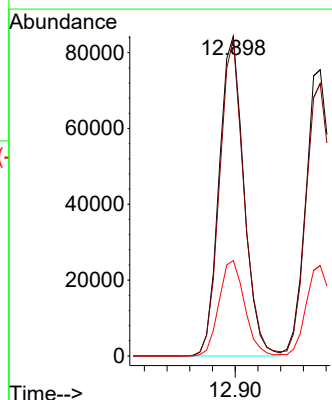
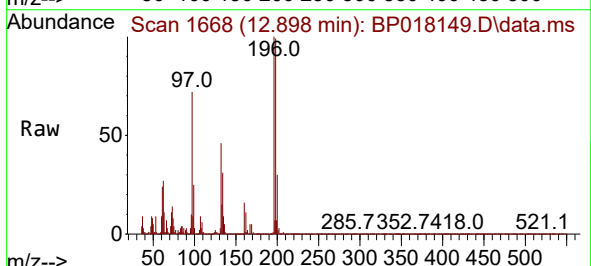
Instrument :
BNA_P
ClientSampleId :

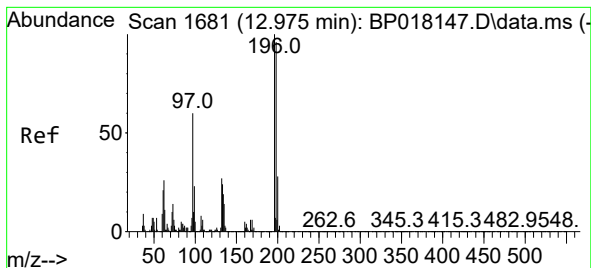
Tgt Ion:237 Resp: 26729
Ion Ratio Lower Upper
237 100
235 67.1 49.9 74.9
272 12.3 8.9 13.3



#41
2,4,6-Trichlorophenol
Concen: 27.047 ng/ul
RT: 12.898 min Scan# 1668
Delta R.T. -0.012 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:196 Resp: 127785
Ion Ratio Lower Upper
196 100
198 99.2 78.9 118.3
200 29.8 25.8 38.8





#42

2,4,5-Trichlorophenol

Concen: 26.852 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

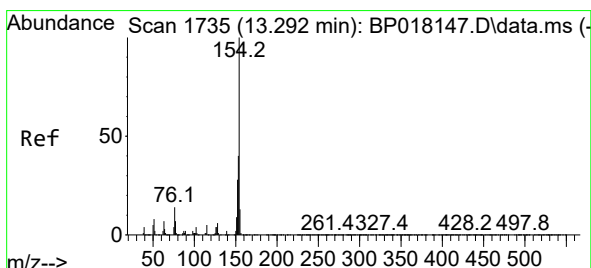
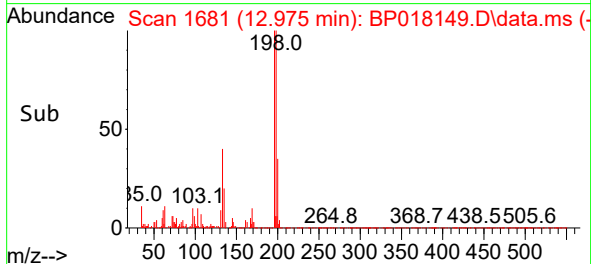
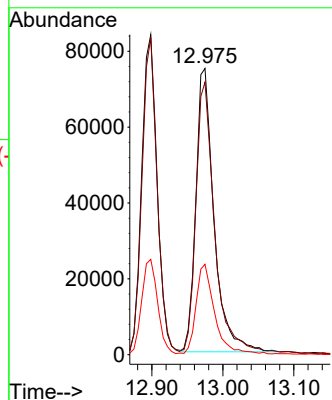
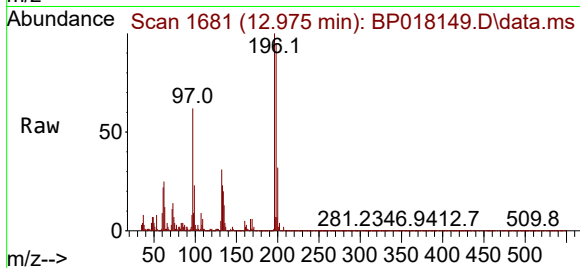
Tgt Ion:196 Resp: 133516

Ion Ratio Lower Upper

196 100

198 95.2 78.9 118.3

200 31.6 26.6 40.0



#43

1,1'-Biphenyl

Concen: 29.843 ng/ul

RT: 13.298 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

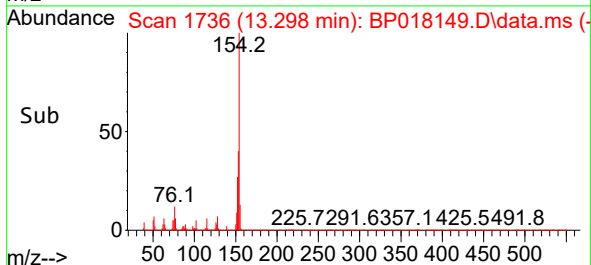
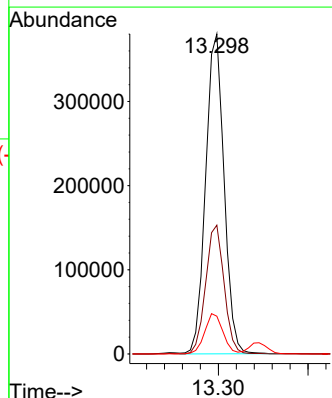
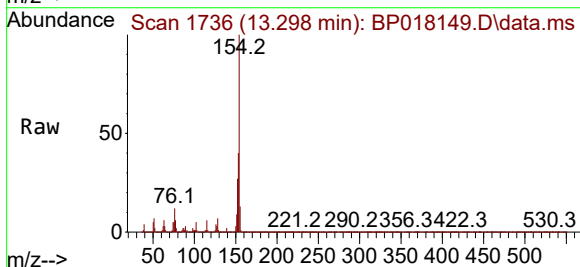
Tgt Ion:154 Resp: 541012

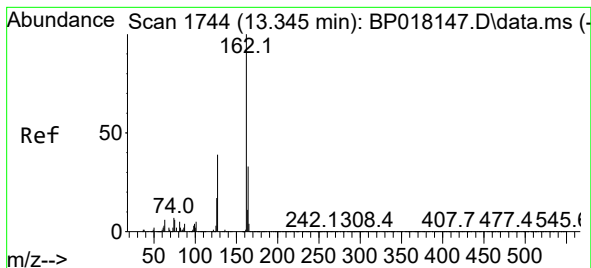
Ion Ratio Lower Upper

154 100

153 40.2 32.4 48.6

76 11.8 9.8 14.8





#44

2-Chloronaphthalene

Concen: 29.393 ng/ul

RT: 13.345 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

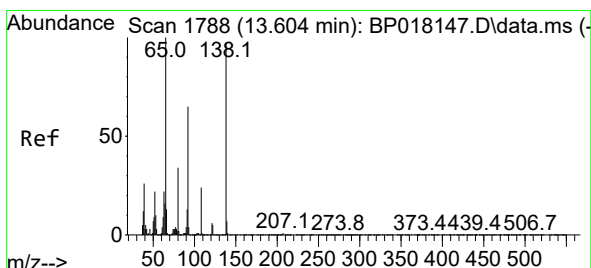
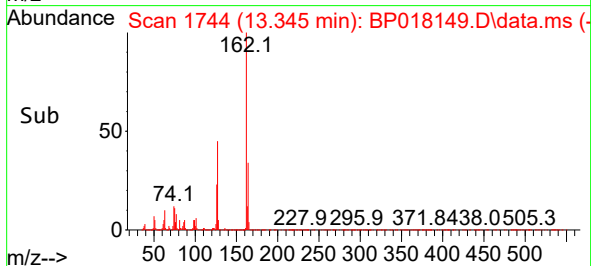
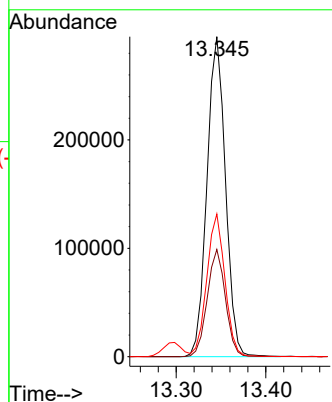
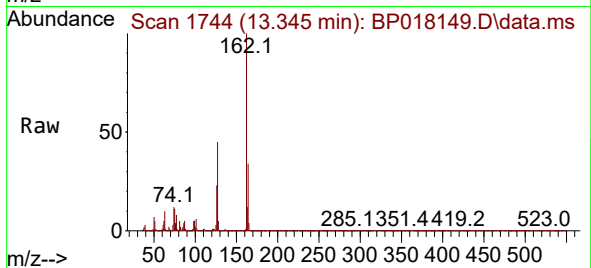
Tgt Ion:162 Resp: 423045

Ion Ratio Lower Upper

162 100

164 33.5 26.9 40.3

127 44.6 35.4 53.2



#45

2-Nitroaniline

Concen: 31.405 ng/ul

RT: 13.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

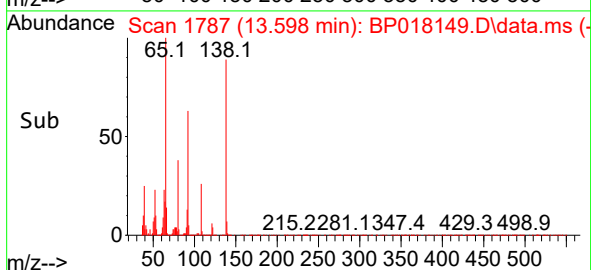
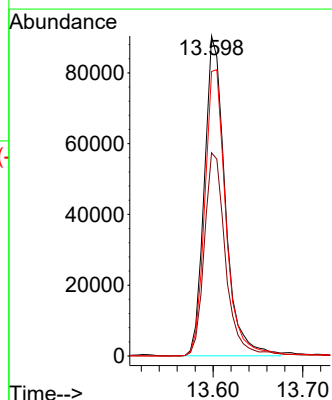
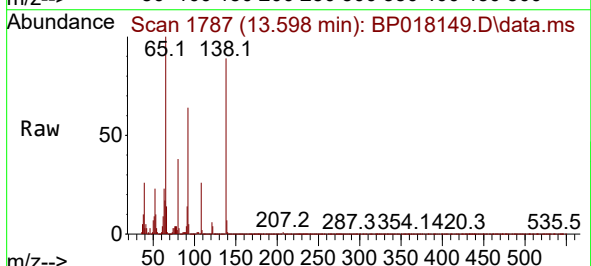
Tgt Ion: 65 Resp: 145864

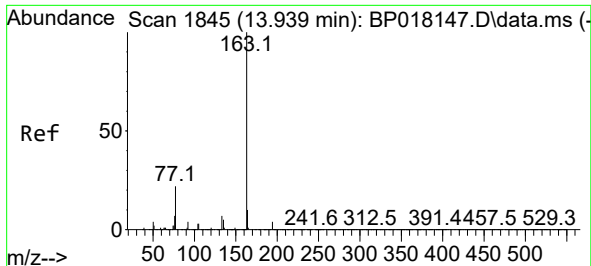
Ion Ratio Lower Upper

65 100

92 63.5 53.8 80.6

138 88.9 75.1 112.7

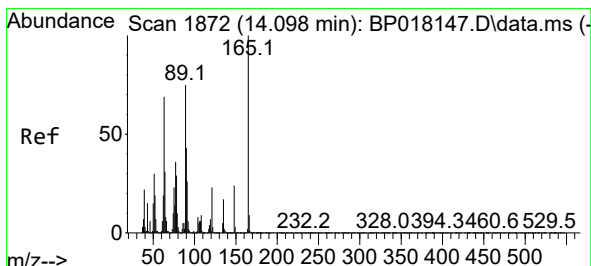
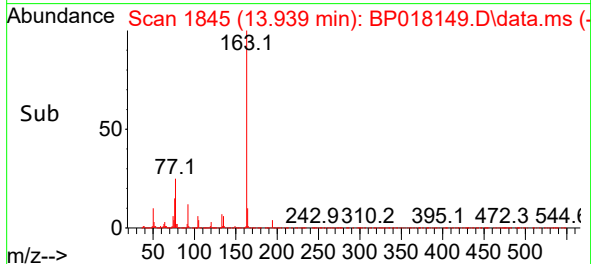
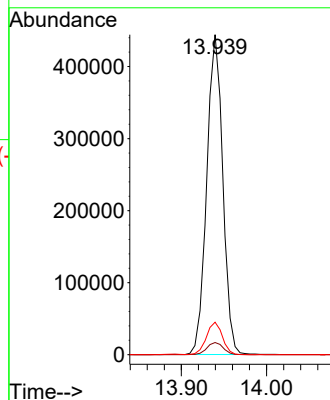
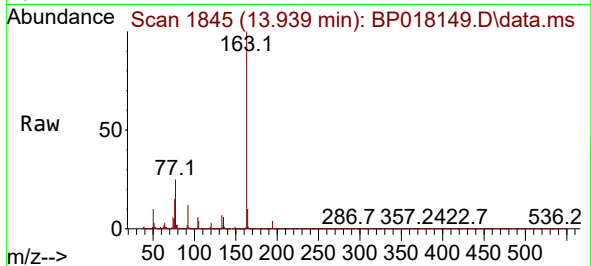




#47
Dimethylphthalate
Concen: 30.126 ng/ul
RT: 13.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

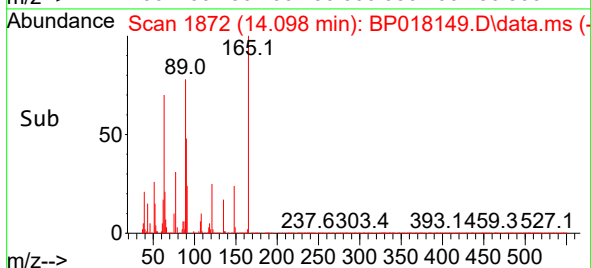
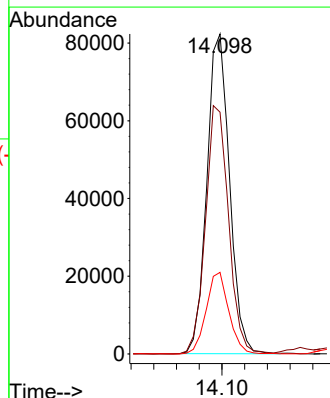
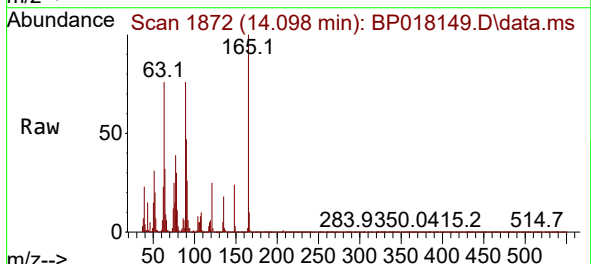
Instrument :
BNA_P
ClientSampleId :

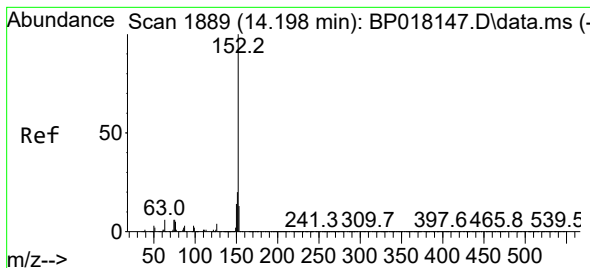
Tgt Ion:163 Resp: 581322
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 29.723 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:165 Resp: 113999
Ion Ratio Lower Upper
165 100
89 75.5 59.4 89.0
121 25.5 18.2 27.4





#50

Acenaphthylene

Concen: 29.493 ng/ul

RT: 14.198 min Scan# 1889

Delta R.T. -0.000 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

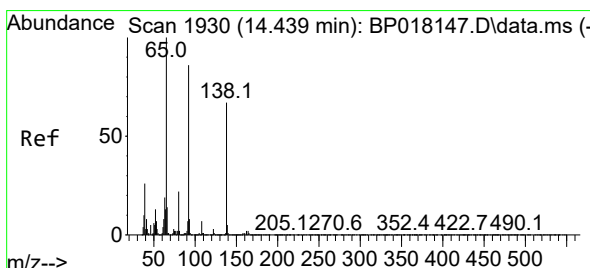
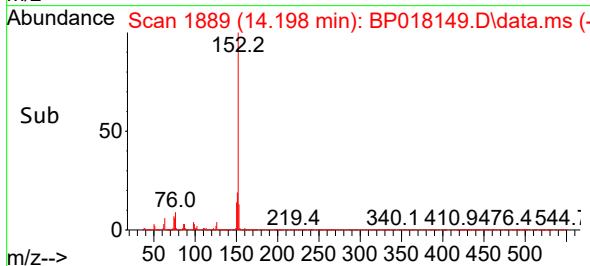
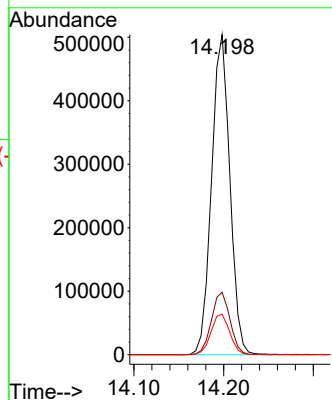
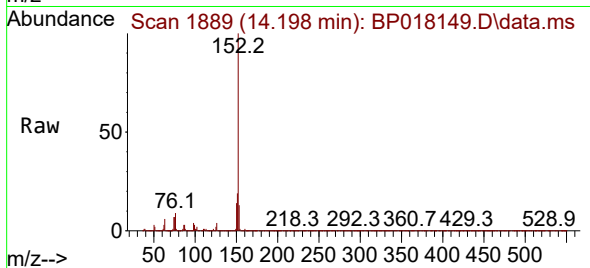
Tgt Ion:152 Resp: 713419

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.2

153 12.6 10.4 15.6



#51

3-Nitroaniline

Concen: 29.082 ng/ul

RT: 14.439 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

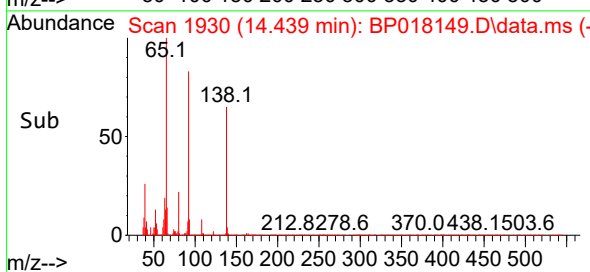
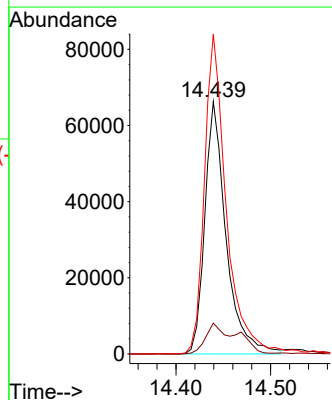
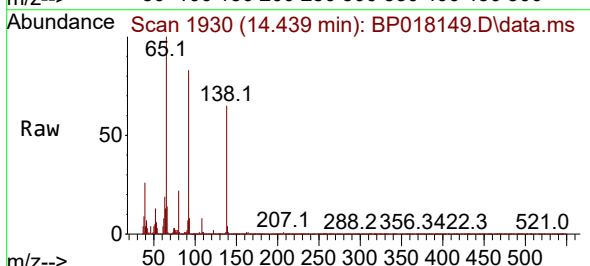
Tgt Ion:138 Resp: 103502

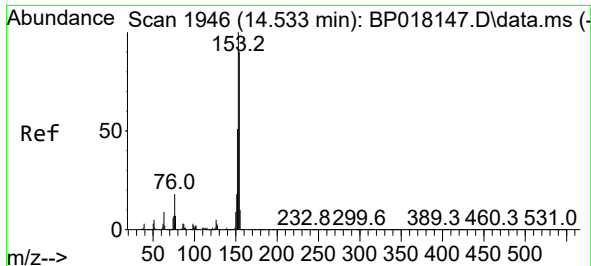
Ion Ratio Lower Upper

138 100

108 12.3 8.3 12.5

92 126.9 99.0 148.4

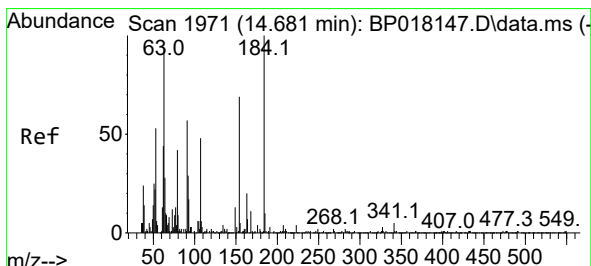
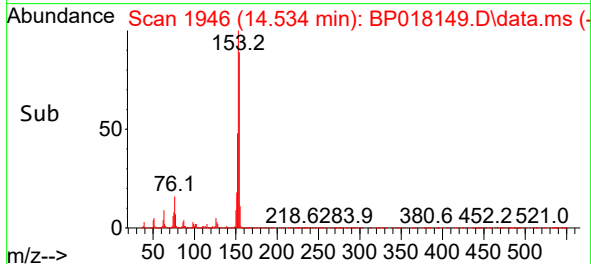
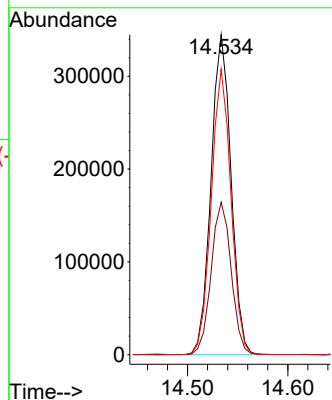
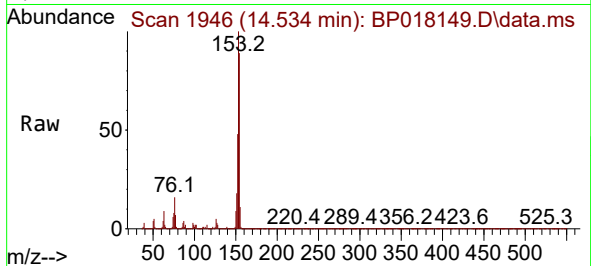




#52
Acenaphthene
Concen: 29.847 ng/ul
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

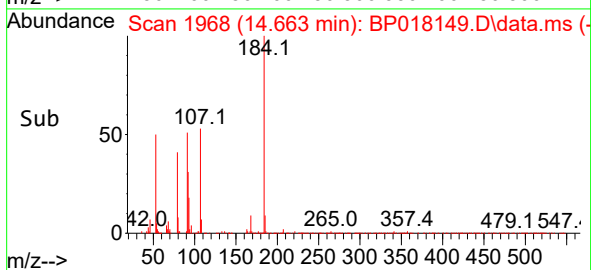
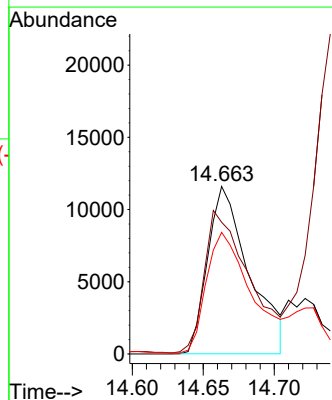
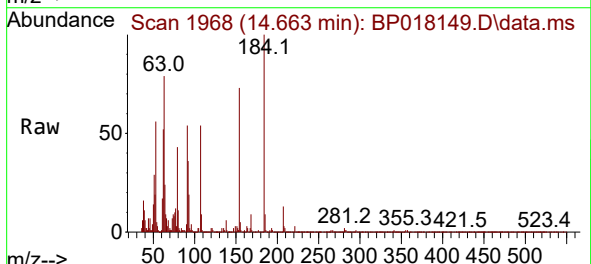
Instrument :
BNA_P
ClientSampleId :

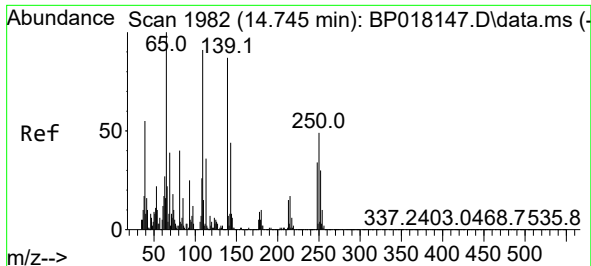
Tgt Ion:153 Resp: 478754
Ion Ratio Lower Upper
153 100
152 47.7 39.0 58.6
154 89.1 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 11.316 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.071 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

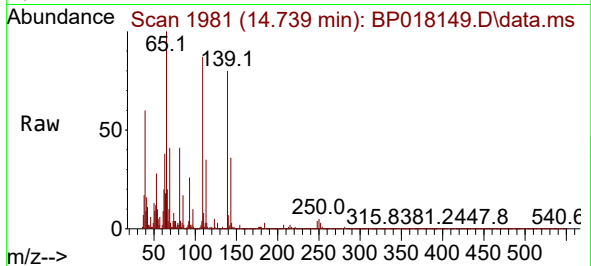
Tgt Ion:184 Resp: 23677
Ion Ratio Lower Upper
184 100
63 78.6 67.7 101.5
154 72.5 60.2 90.4



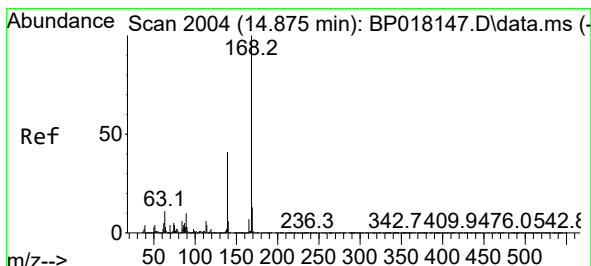
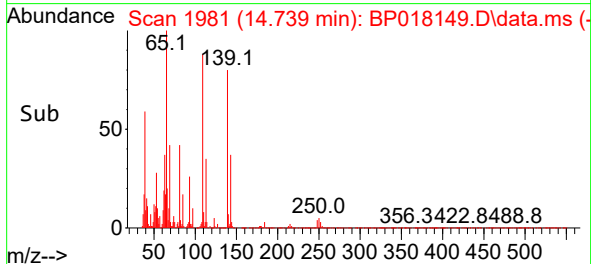
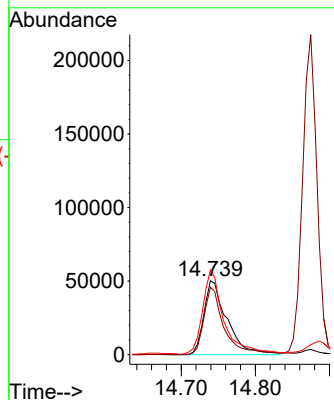


#55
4-Nitrophenol
Concen: 27.896 ng/ul
RT: 14.739 min Scan# 1982
Delta R.T. -0.018 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Instrument :
BNA_P
ClientSampleId :

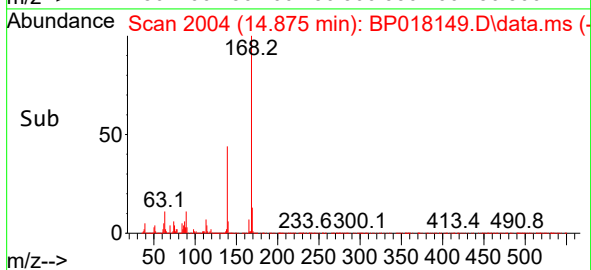
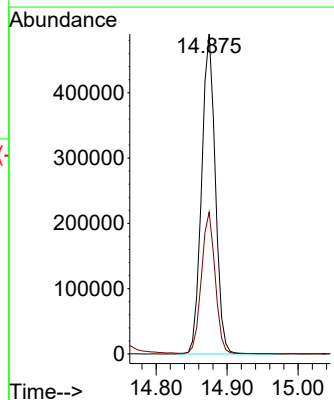
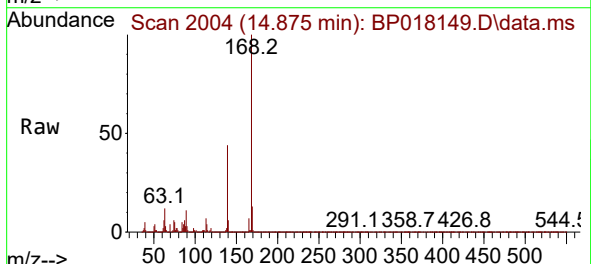


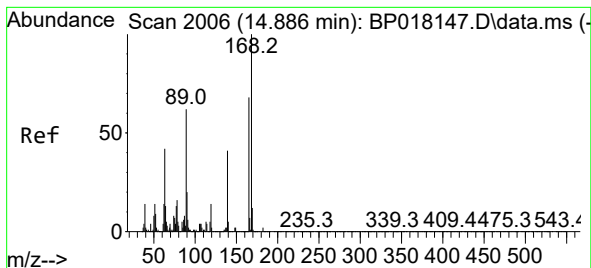
Tgt Ion:109 Resp: 108845
Ion Ratio Lower Upper
109 100
139 91.3 74.9 112.3
65 114.8 93.8 140.6



#56
Dibenzofuran
Concen: 29.902 ng/ul
RT: 14.875 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:168 Resp: 657278
Ion Ratio Lower Upper
168 100
139 44.4 34.0 51.0





#57

2,4-Dinitrotoluene

Concen: 30.605 ng/ul

RT: 14.886 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

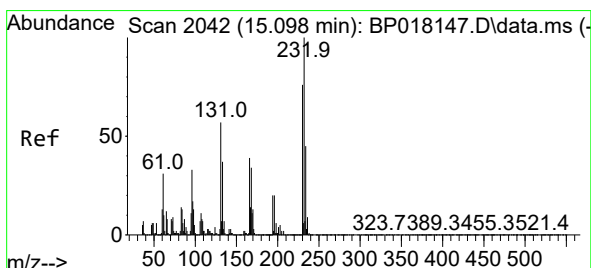
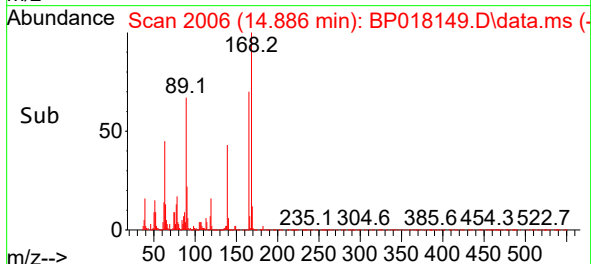
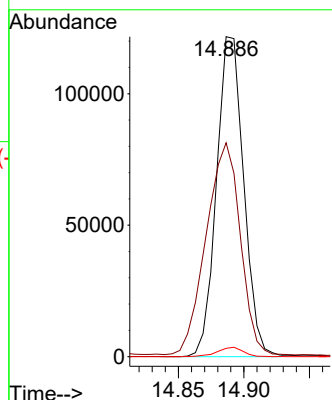
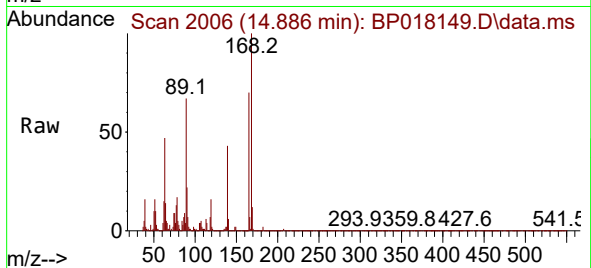
Tgt Ion:165 Resp: 175375

Ion Ratio Lower Upper

165 100

63 66.8 48.6 72.8

182 2.6 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.296 ng/ul

RT: 15.098 min Scan# 2042

Delta R.T. -0.047 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Tgt Ion:232 Resp: 111893

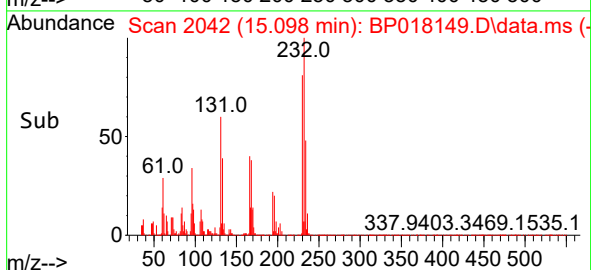
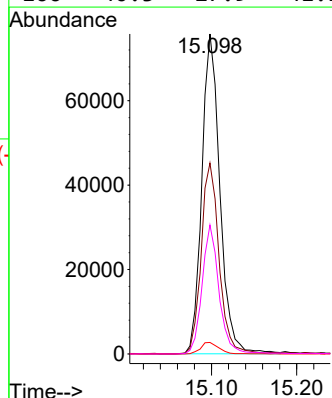
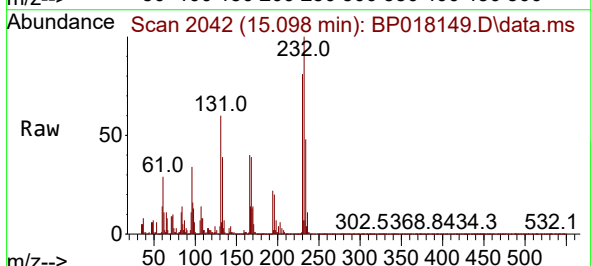
Ion Ratio Lower Upper

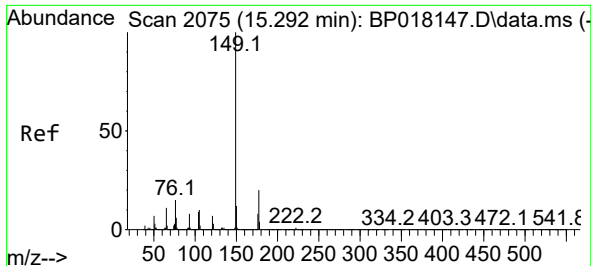
232 100

131 59.7 44.1 66.1

130 3.6 2.5 3.7

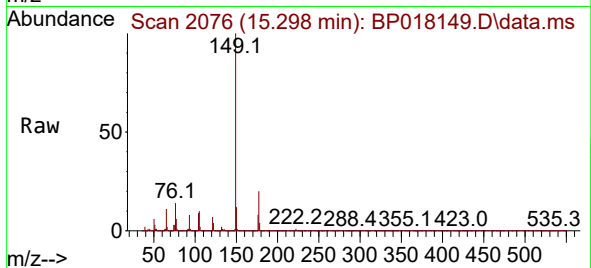
166 40.3 27.9 41.9



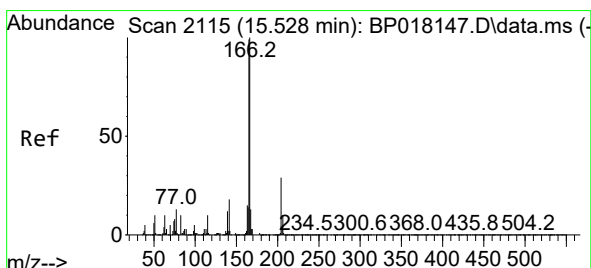
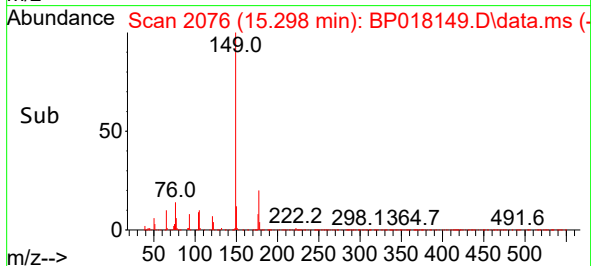
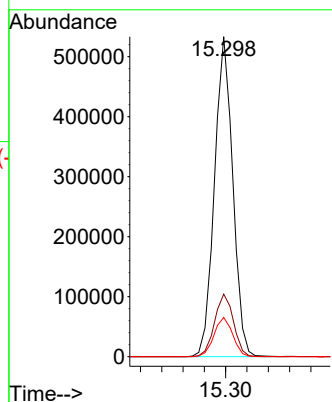


#59
Diethylphthalate
Concen: 31.551 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Instrument :
BNA_P
ClientSampleId :

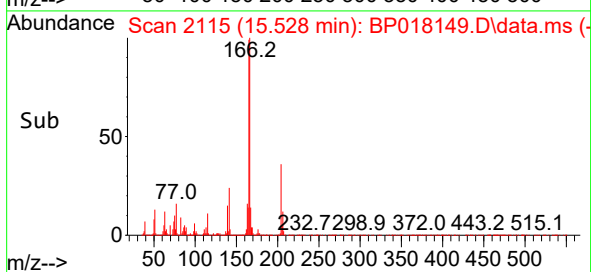
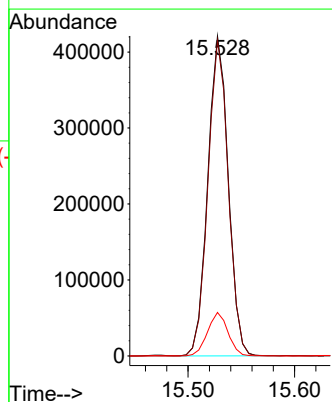
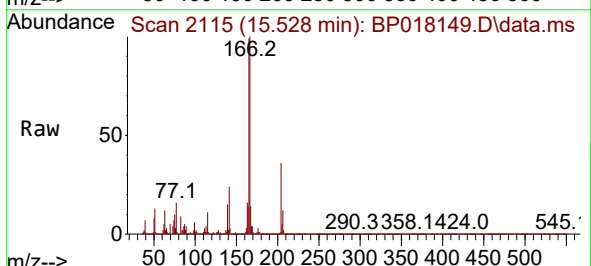


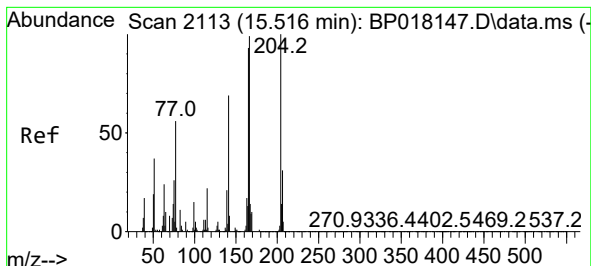
Tgt Ion:149 Resp: 636049
Ion Ratio Lower Upper
149 100
177 19.6 16.3 24.5
150 12.3 10.0 15.0



#61
Fluorene
Concen: 30.245 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:166 Resp: 564421
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 13.6 10.6 16.0

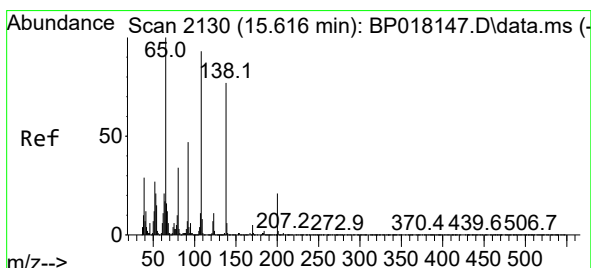
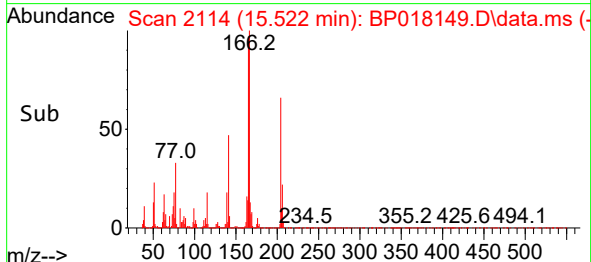
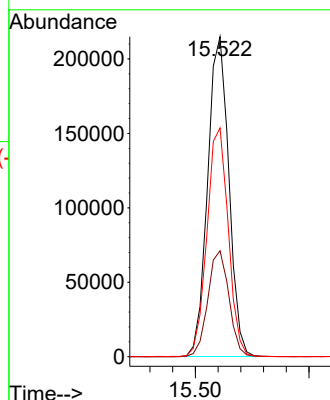
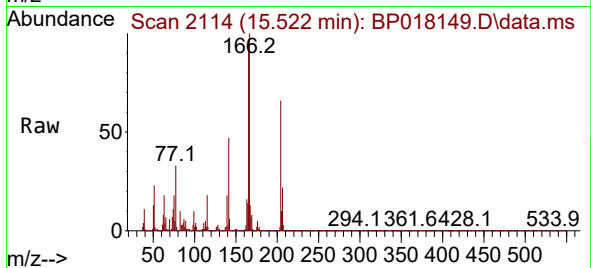




#62
4-Chlorophenyl-phenylether
Concen: 30.459 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

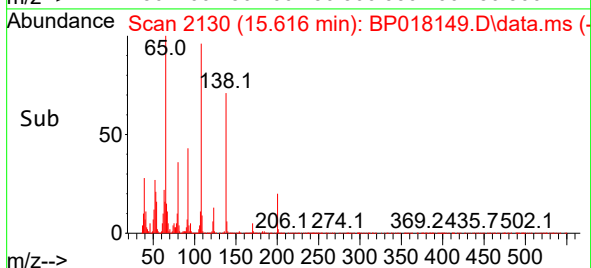
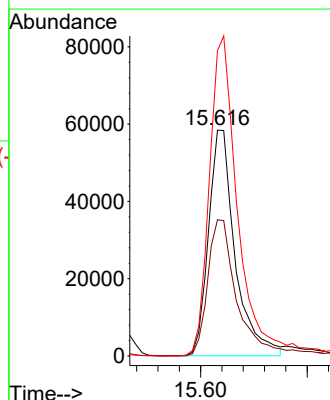
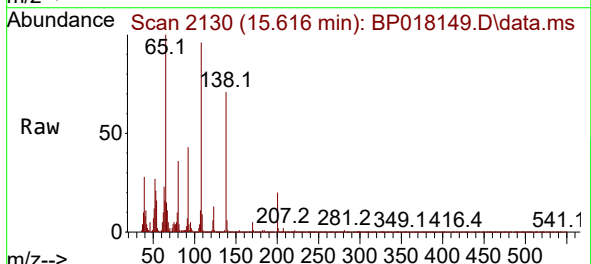
Instrument :
BNA_P
ClientSampleId :

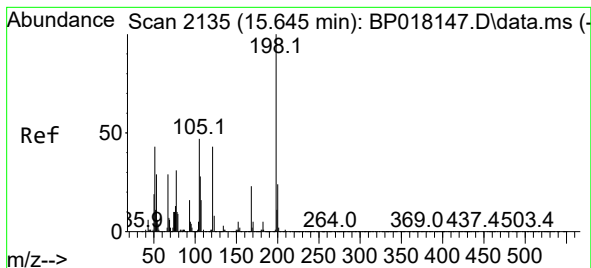
Tgt Ion:204 Resp: 278550
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 71.5 56.0 84.0



#63
4-Nitroaniline
Concen: 30.193 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:138 Resp: 101401
Ion Ratio Lower Upper
138 100
92 60.3 46.6 70.0
108 135.1 104.7 157.1

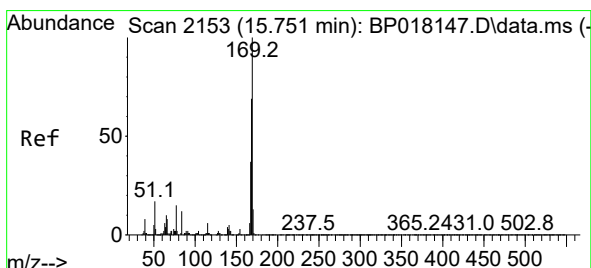
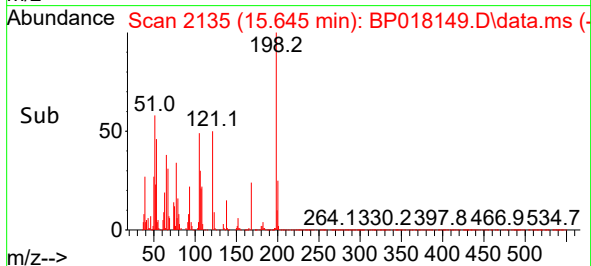
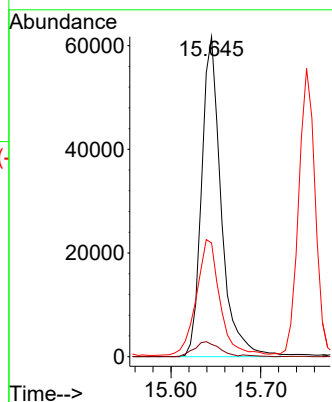
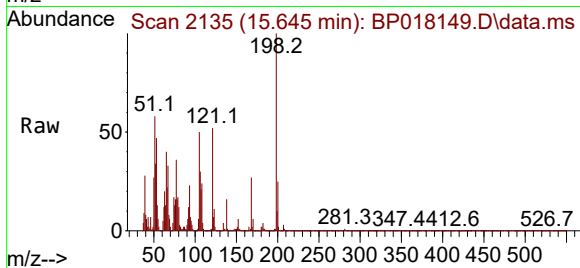




#66
 4,6-Dinitro-2-methylphenol
 Concen: 25.471 ng/ul
 RT: 15.645 min Scan# 2135
 Delta R.T. -0.035 min
 Lab File: BP018149.D
 Acq: 14 Nov 2023 11:05

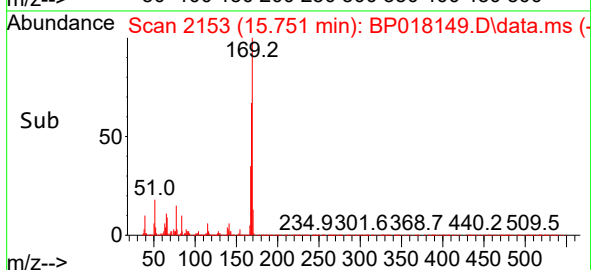
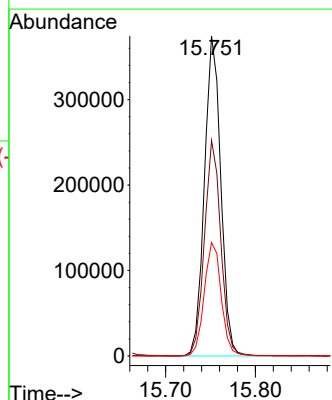
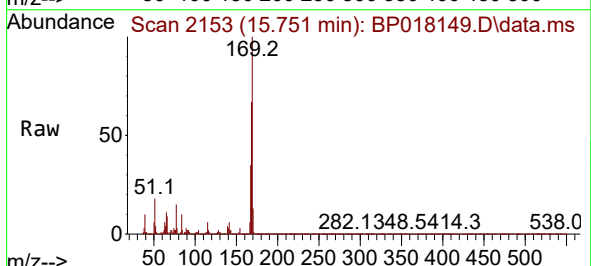
Instrument :
 BNA_P
 ClientSampleId :

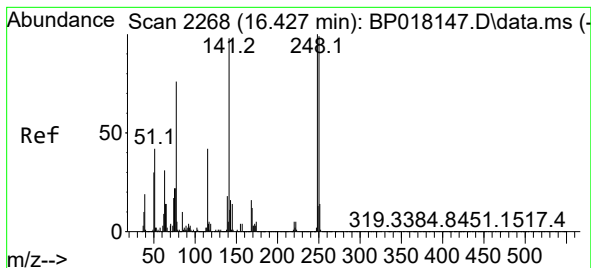
Tgt Ion:198 Resp: 93691
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.8 5.6
 77 35.5 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 30.115 ng/ul
 RT: 15.751 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: BP018149.D
 Acq: 14 Nov 2023 11:05

Tgt Ion:169 Resp: 473575
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.8
 167 35.5 29.8 44.6

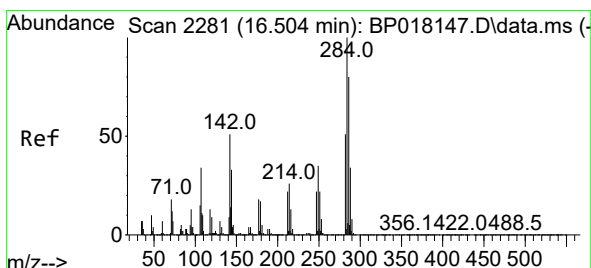
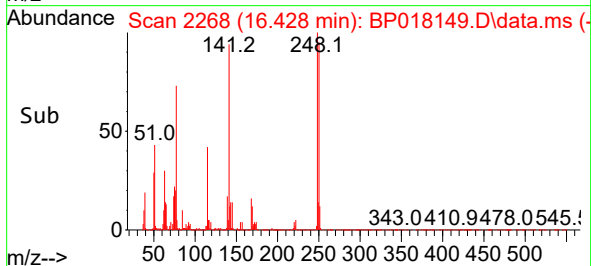
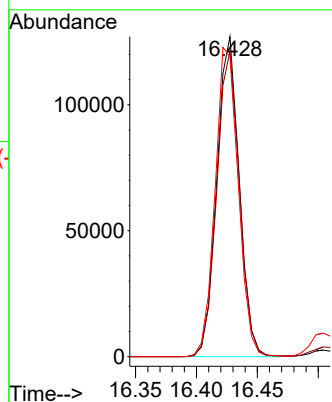
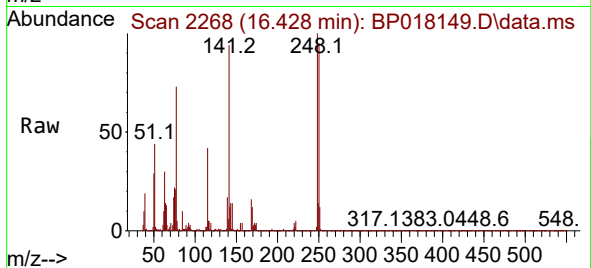




#68
4-Bromophenyl-phenylether
Concen: 29.496 ng/ul
RT: 16.428 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

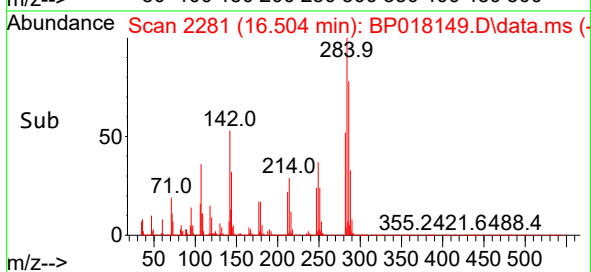
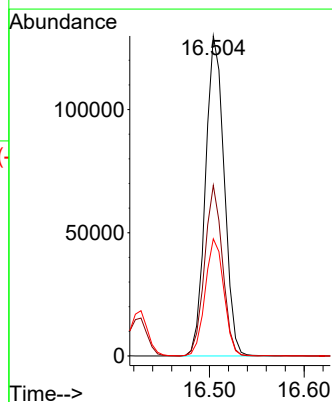
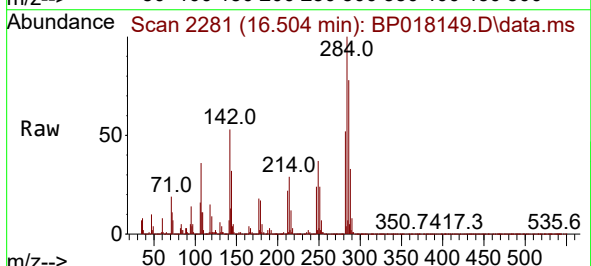
Instrument :
BNA_P
ClientSampleId :

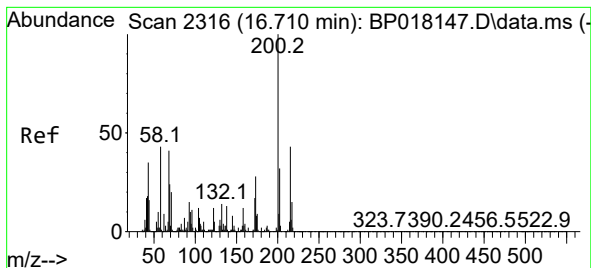
Tgt Ion:248 Resp: 163015
Ion Ratio Lower Upper
248 100
250 95.5 72.7 109.1
141 93.8 70.4 105.6



#69
Hexachlorobenzene
Concen: 28.863 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:284 Resp: 177991
Ion Ratio Lower Upper
284 100
142 53.3 38.9 58.3
249 36.6 28.6 43.0





#70

Atrazine

Concen: 24.743 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

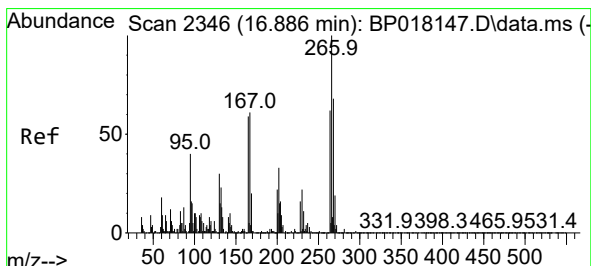
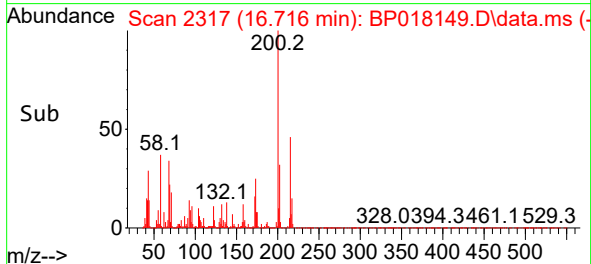
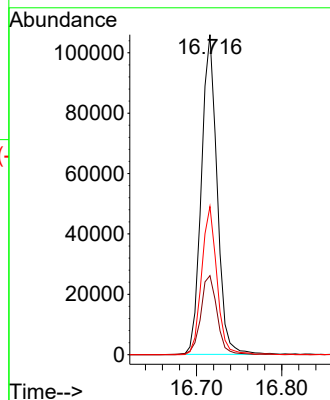
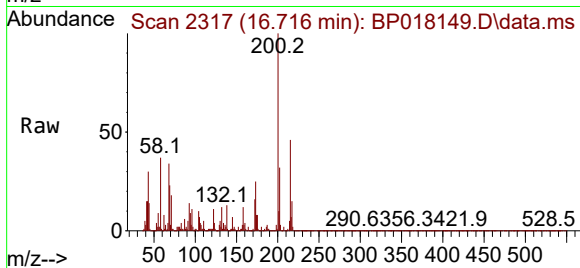
Tgt Ion:200 Resp: 135731

Ion Ratio Lower Upper

200 100

173 24.7 20.2 30.2

215 46.3 37.8 56.8



#71

Pentachlorophenol

Concen: 12.503 ng/ul

RT: 16.880 min Scan# 2345

Delta R.T. -0.118 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

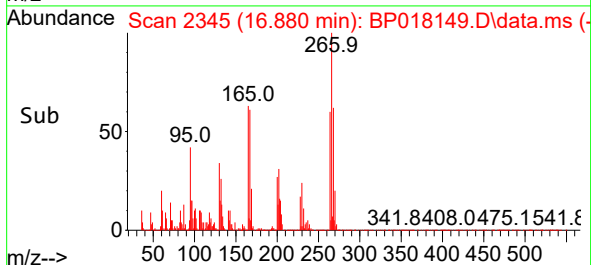
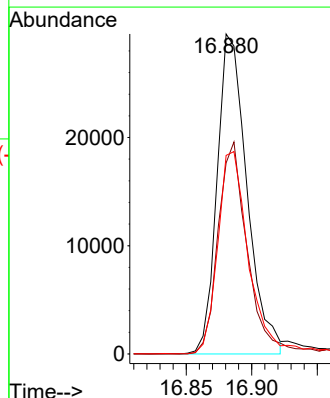
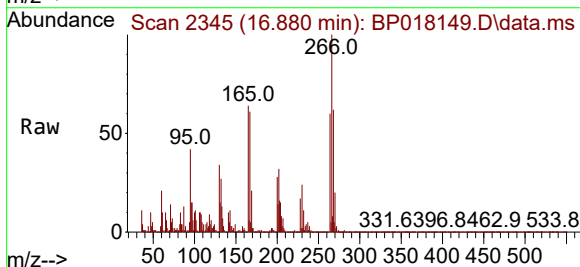
Tgt Ion:266 Resp: 46804

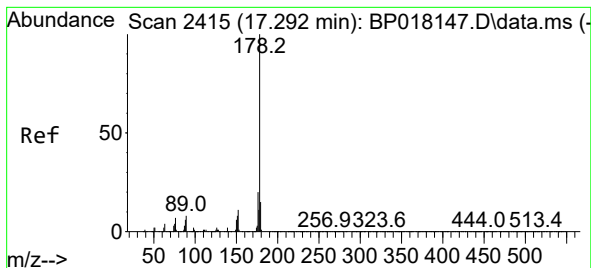
Ion Ratio Lower Upper

266 100

264 59.7 50.7 76.1

268 62.0 52.4 78.6





#72

Phenanthrene

Concen: 30.979 ng/ul

RT: 17.292 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

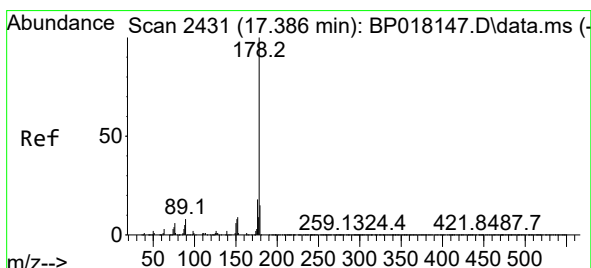
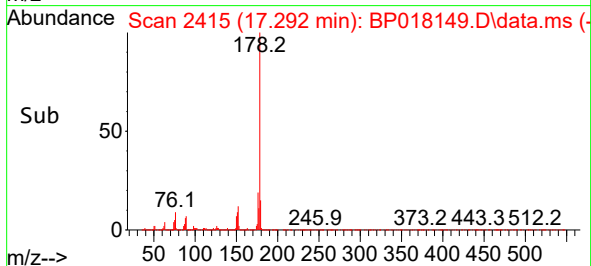
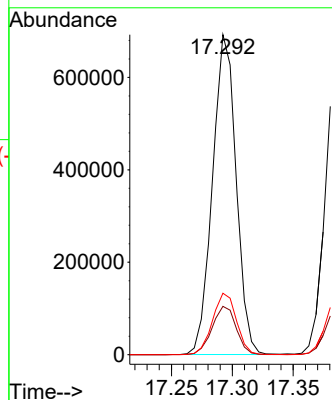
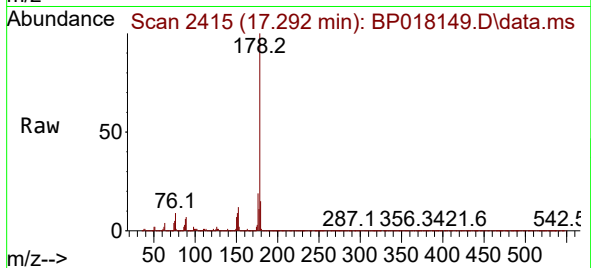
Tgt Ion:178 Resp: 932704

Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 19.2 15.5 23.3



#74

Anthracene

Concen: 30.427 ng/ul

RT: 17.386 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

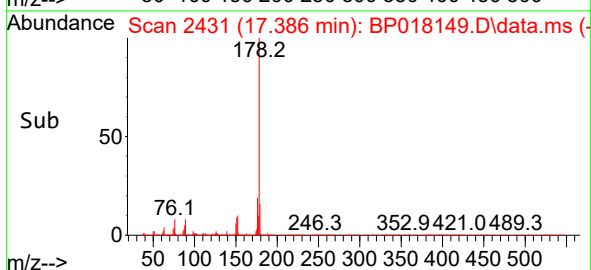
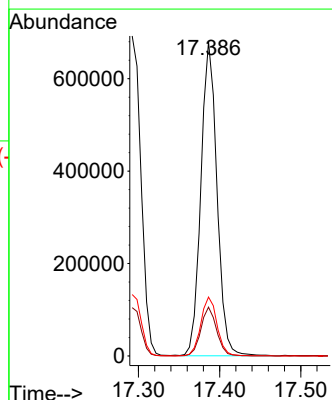
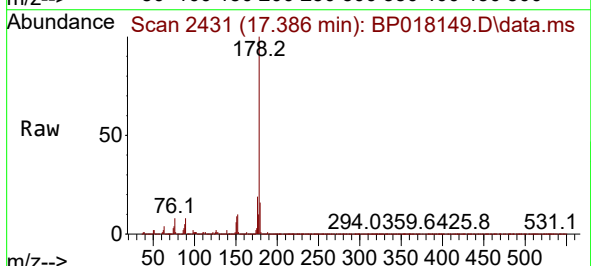
Tgt Ion:178 Resp: 934841

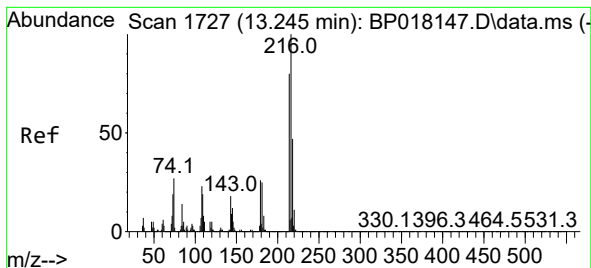
Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 18.7 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.599 ng/uL

RT: 13.245 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

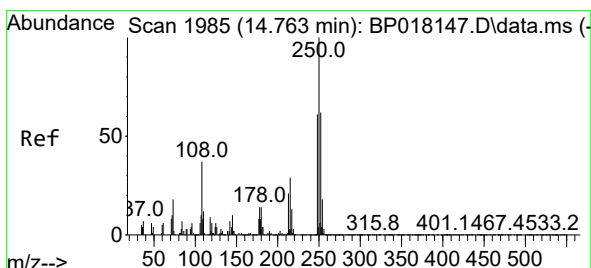
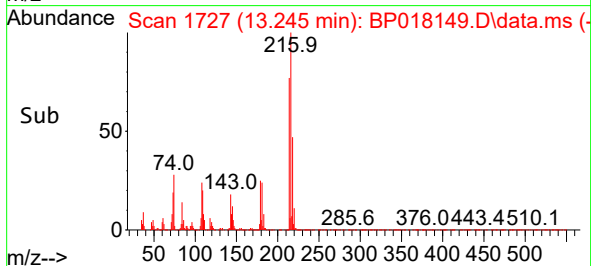
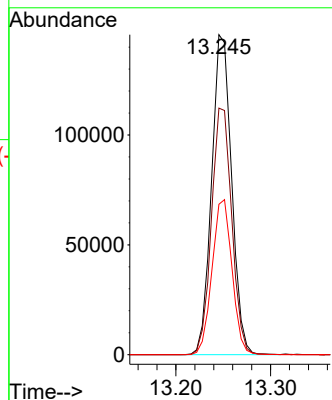
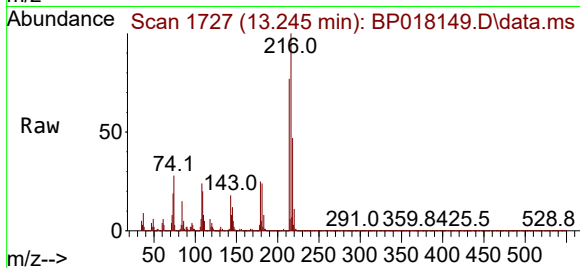
Tgt Ion:216 Resp: 214149

Ion Ratio Lower Upper

216 100

214 77.1 64.0 96.0

218 47.0 39.0 58.4



#76

Pentachlorobenzene

Concen: 28.567 ng/uL

RT: 14.763 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

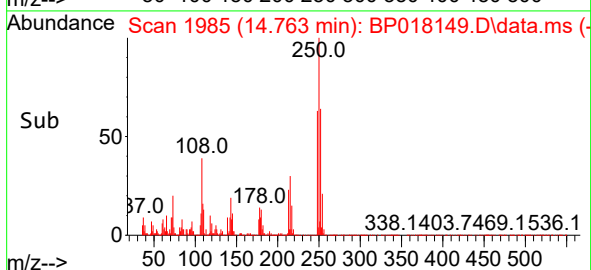
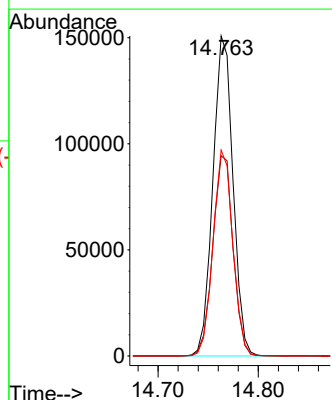
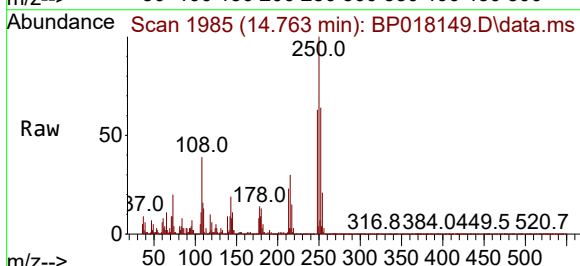
Tgt Ion:250 Resp: 209411

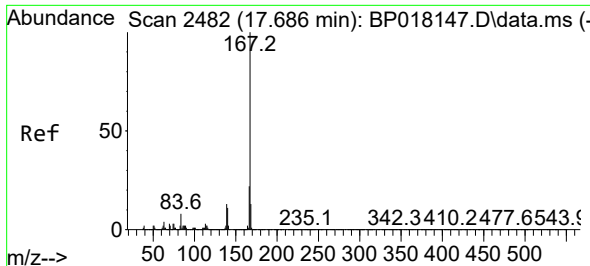
Ion Ratio Lower Upper

250 100

248 62.5 52.7 79.1

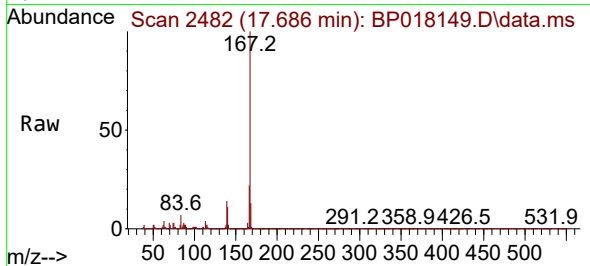
252 64.3 52.3 78.5



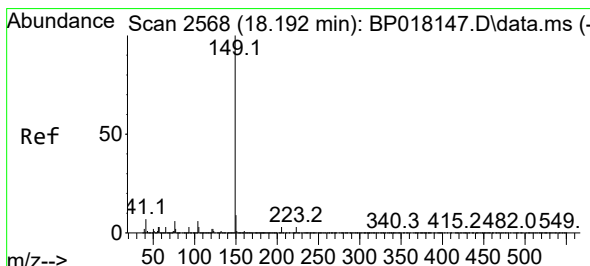
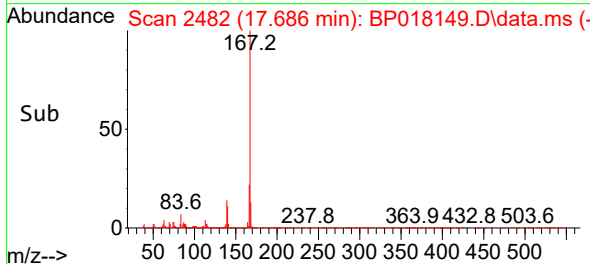
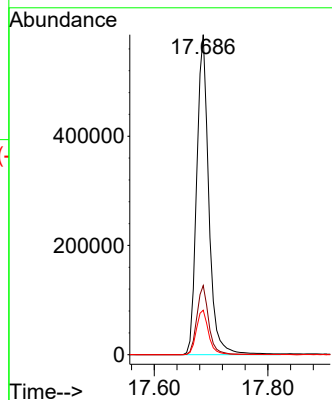


#77
 Carbazole
 Concen: 32.550 ng/ul
 RT: 17.686 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BP018149.D
 Acq: 14 Nov 2023 11:05

Instrument :
 BNA_P
 ClientSampleId :

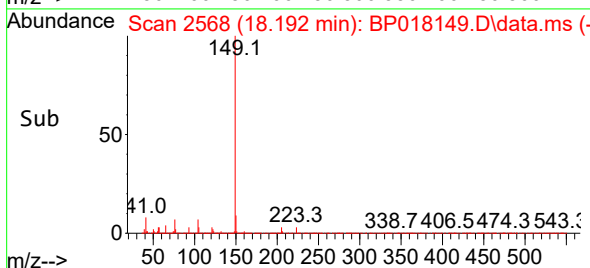
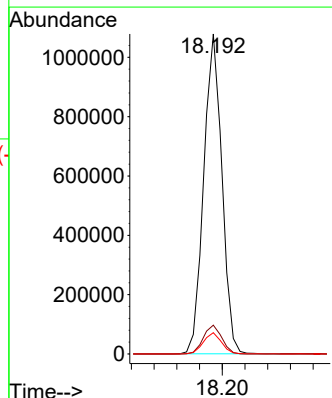
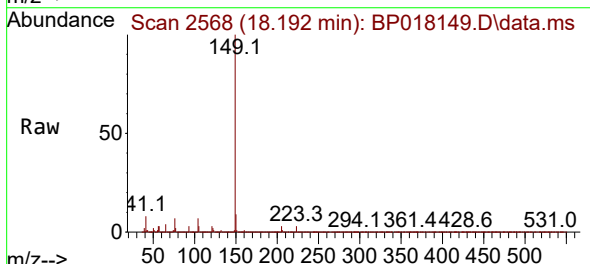


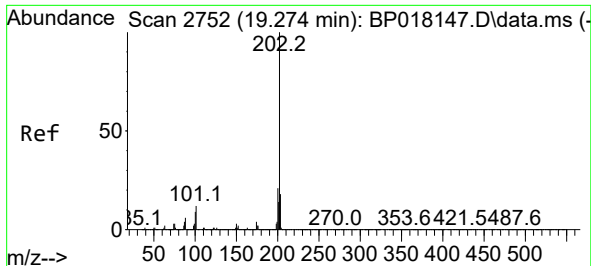
Tgt Ion:167 Resp: 868454
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.9 11.4 17.0



#78
 Di-n-butylphthalate
 Concen: 35.241 ng/ul
 RT: 18.192 min Scan# 2568
 Delta R.T. -0.012 min
 Lab File: BP018149.D
 Acq: 14 Nov 2023 11:05

Tgt Ion:149 Resp: 1193033
 Ion Ratio Lower Upper
 149 100
 150 9.0 6.7 10.1
 104 6.6 5.1 7.7

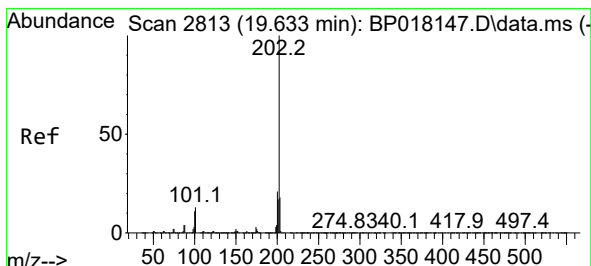
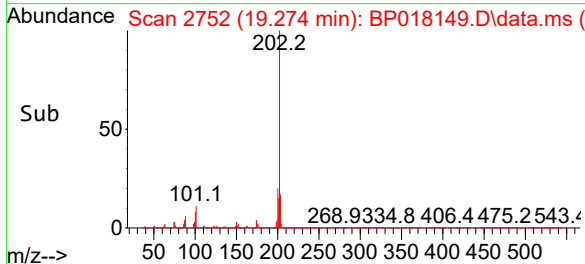
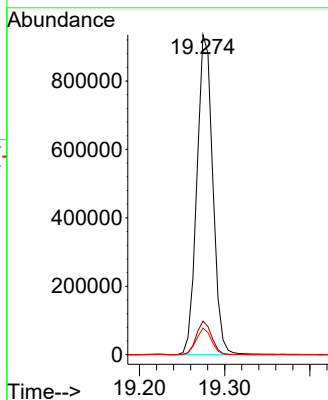
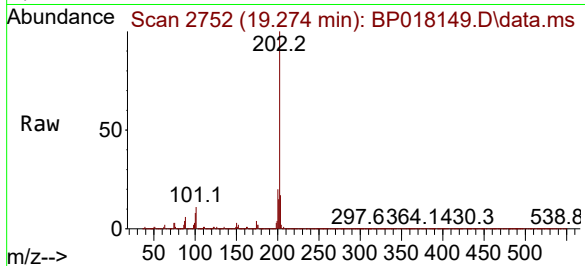




#80
Fluoranthene
Concen: 27.704 ng/ul
RT: 19.274 min Scan# 2752
Delta R.T. -0.012 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

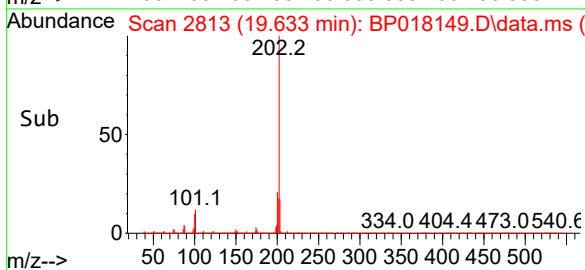
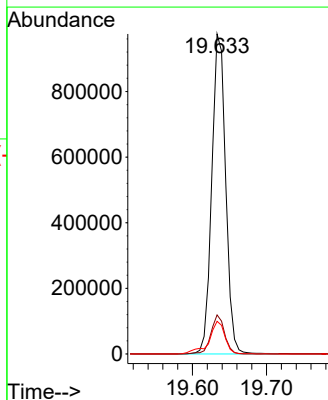
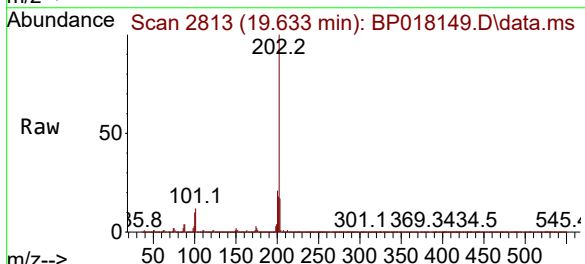
Instrument :
BNA_P
ClientSampleId :

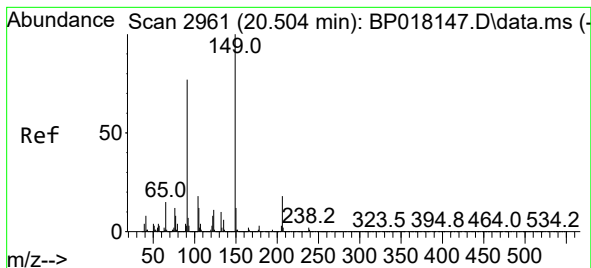
Tgt Ion:202 Resp: 1208628
Ion Ratio Lower Upper
202 100
101 10.5 7.2 10.8
100 8.3 5.8 8.6



#82
Pyrene
Concen: 27.735 ng/ul
RT: 19.633 min Scan# 2813
Delta R.T. -0.012 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

Tgt Ion:202 Resp: 1267894
Ion Ratio Lower Upper
202 100
101 12.2 8.3 12.5
100 10.2 7.4 11.2





#83

Butylbenzylphthalate

Concen: 32.546 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. -0.012 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

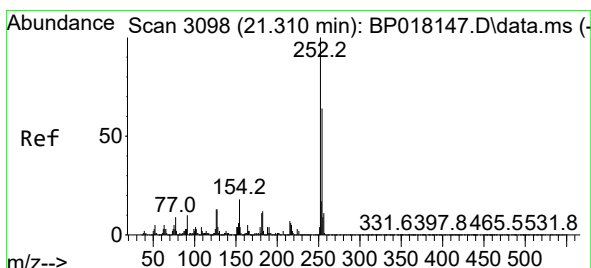
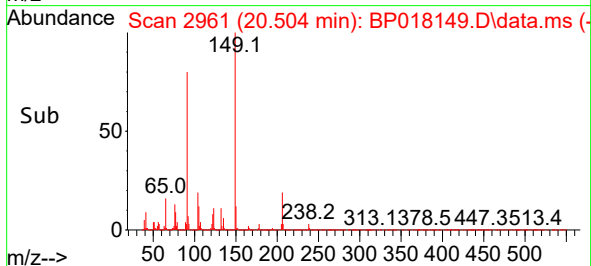
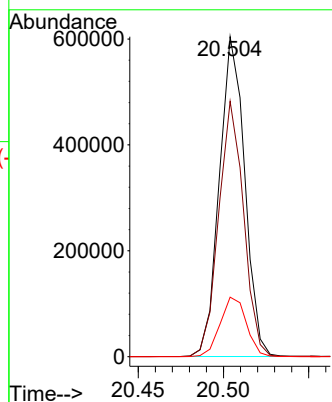
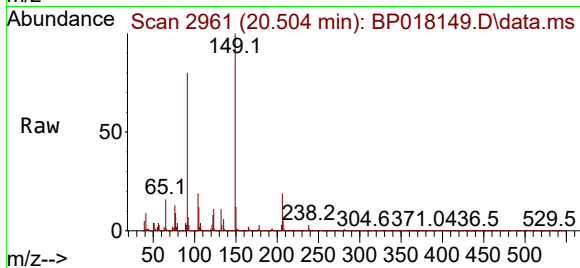
Tgt Ion:149 Resp: 625704

Ion Ratio Lower Upper

149 100

91 79.8 59.6 89.4

206 18.6 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 28.532 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.018 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

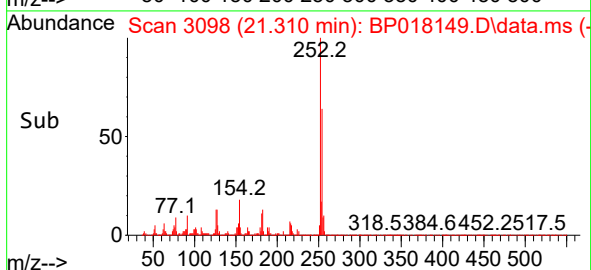
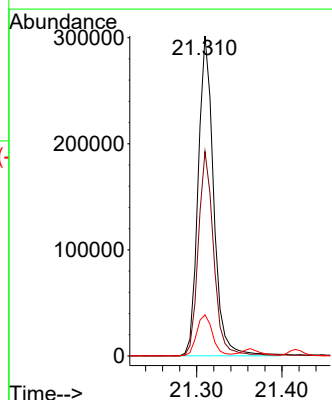
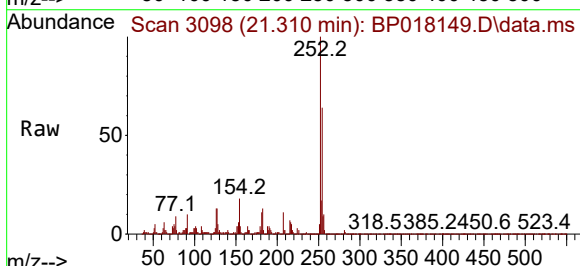
Tgt Ion:252 Resp: 381224

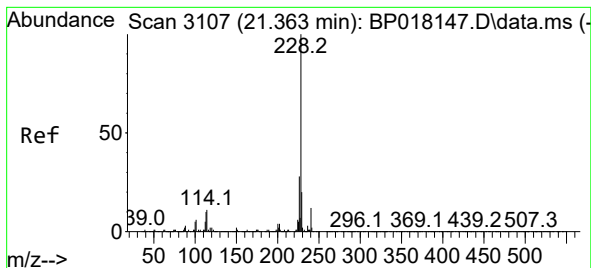
Ion Ratio Lower Upper

252 100

254 63.9 48.9 73.3

126 12.8 9.4 14.0





#85

Benzo(a)anthracene

Concen: 30.471 ng/ul

RT: 21.363 min Scan# 3107

Delta R.T. -0.012 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

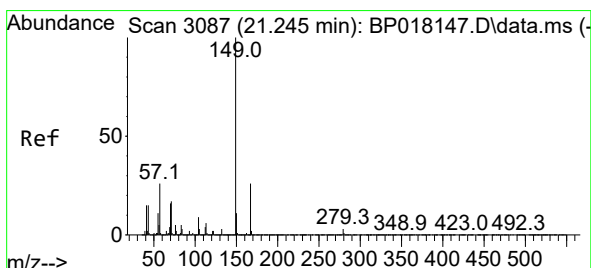
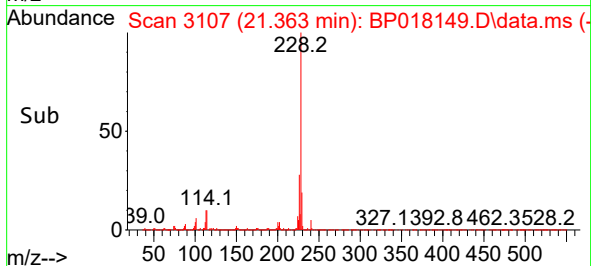
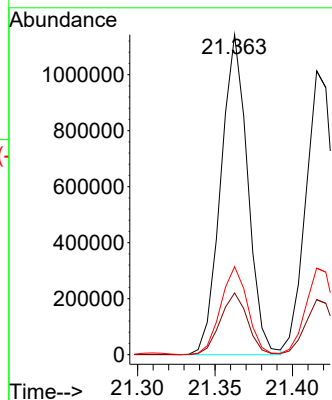
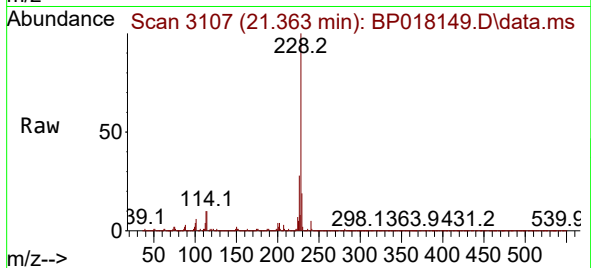
Tgt Ion:228 Resp: 1376034

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.0

226 27.5 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.014 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. -0.012 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

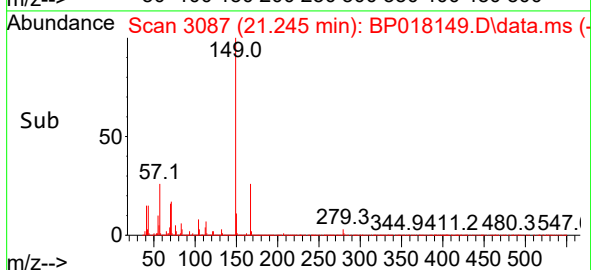
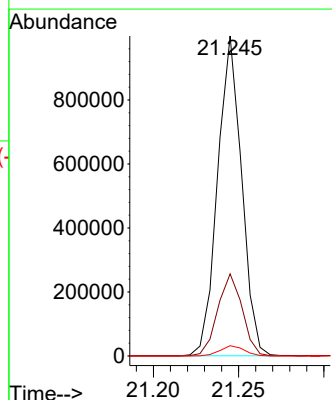
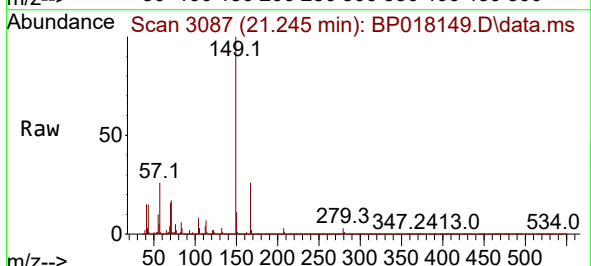
Tgt Ion:149 Resp: 981115

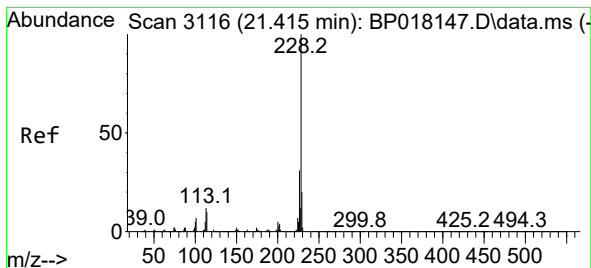
Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

279 3.2 3.2 4.8





#87

Chrysene

Concen: 30.318 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

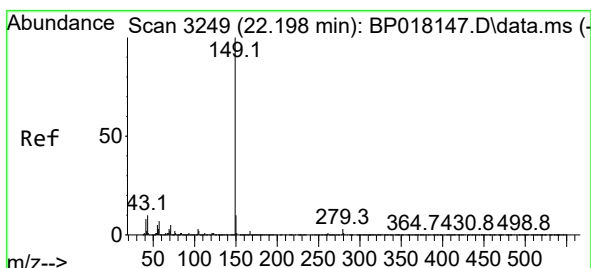
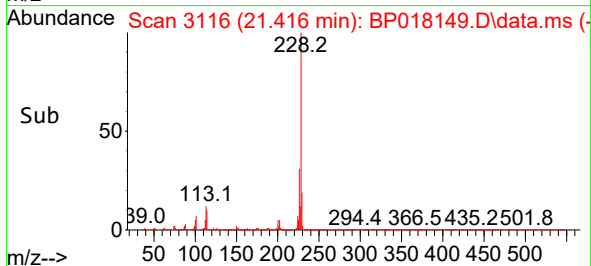
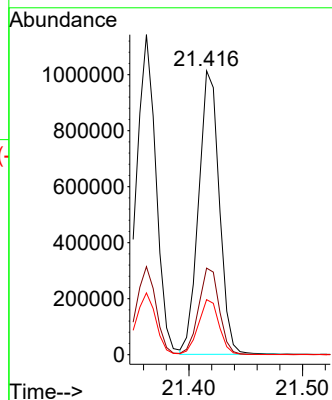
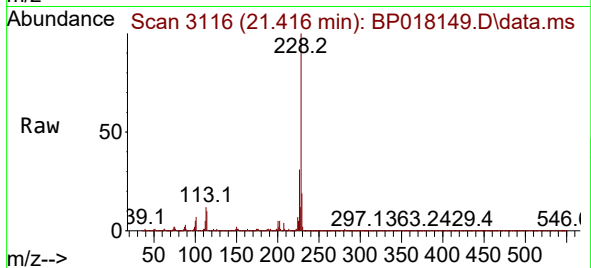
Tgt Ion:228 Resp: 1280885

Ion Ratio Lower Upper

228 100

226 30.5 23.1 34.7

229 19.4 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 41.130 ng/ul

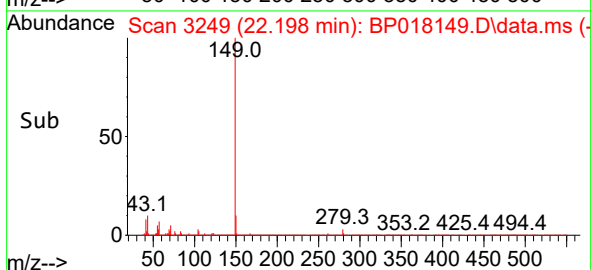
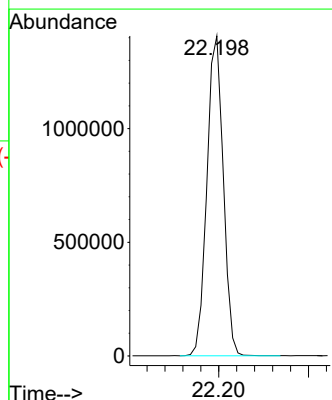
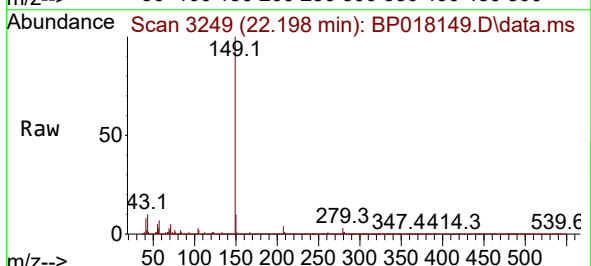
RT: 22.198 min Scan# 3249

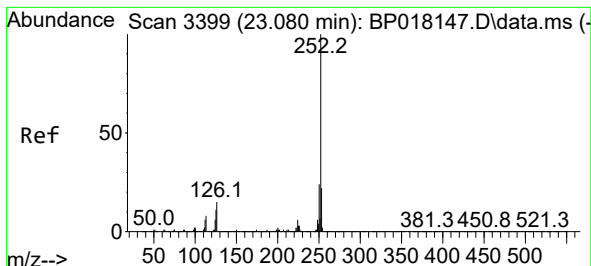
Delta R.T. -0.012 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Tgt Ion:149 Resp: 1776148





#90

Benzo(b)fluoranthene

Concen: 30.553 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. 0.035 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

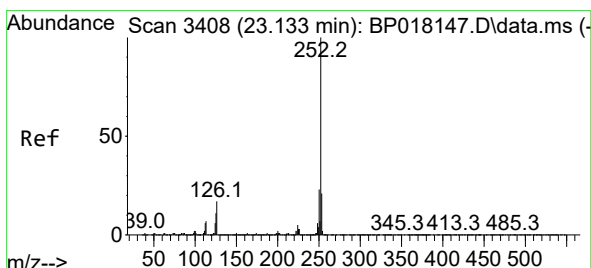
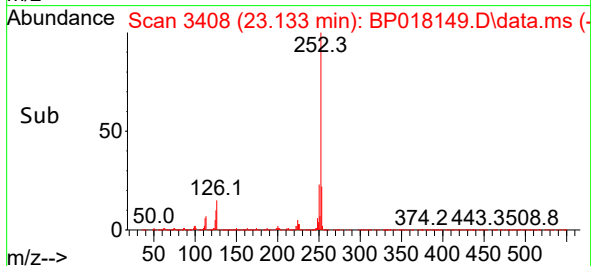
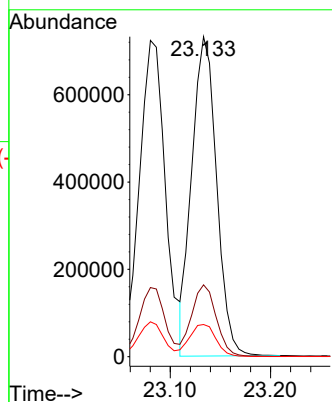
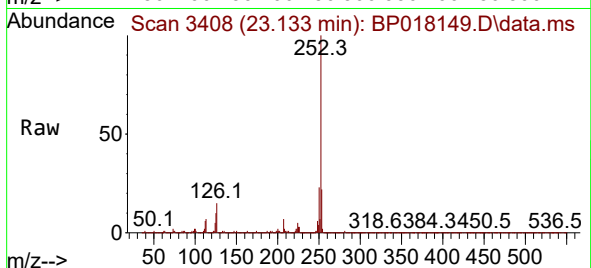
Tgt Ion:252 Resp: 1255581

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 10.1 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 30.368 ng/ul

RT: 23.133 min Scan# 3408

Delta R.T. -0.018 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

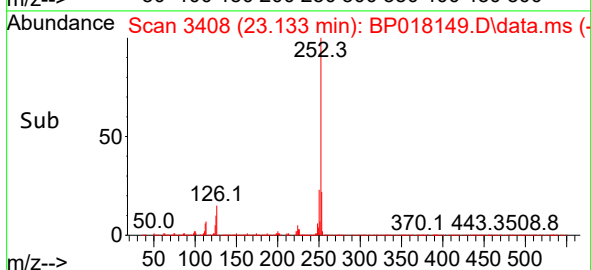
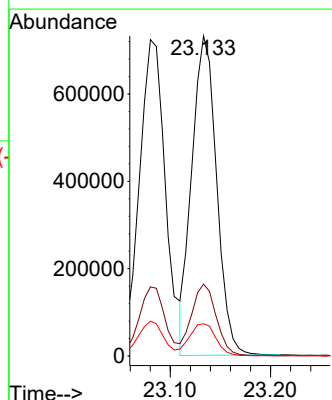
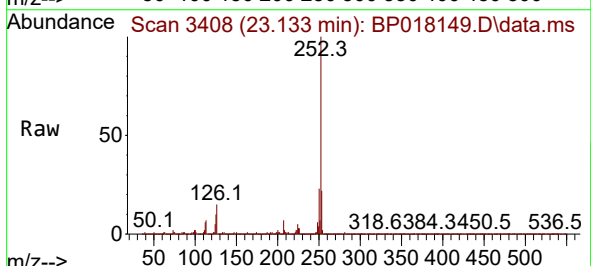
Tgt Ion:252 Resp: 1255581

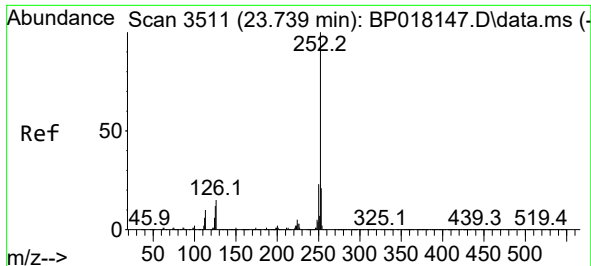
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

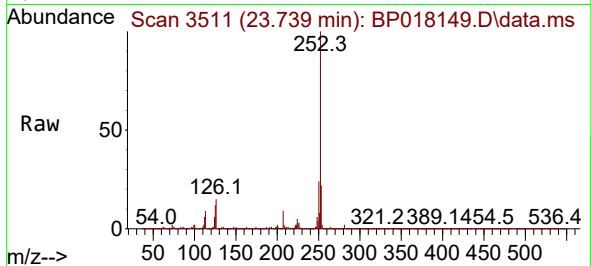
125 10.1 6.8 10.2



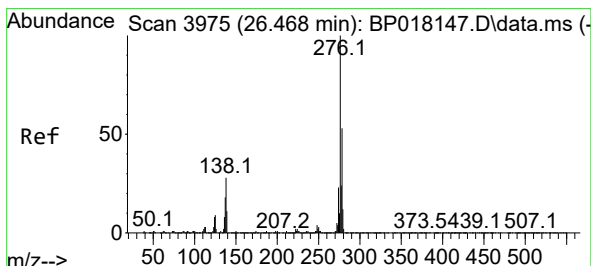
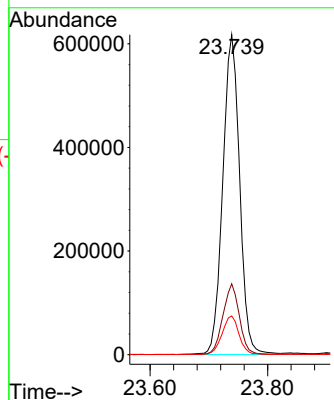
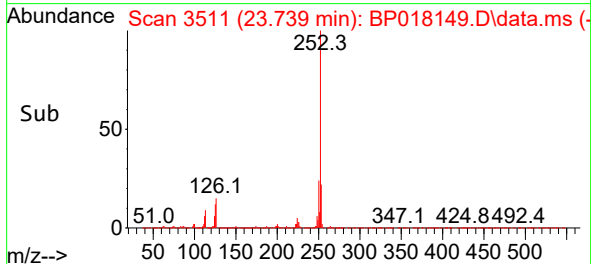


#93
Benzo(a)pyrene
Concen: 31.598 ng/ul
RT: 23.739 min Scan# 3511
Delta R.T. -0.018 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05

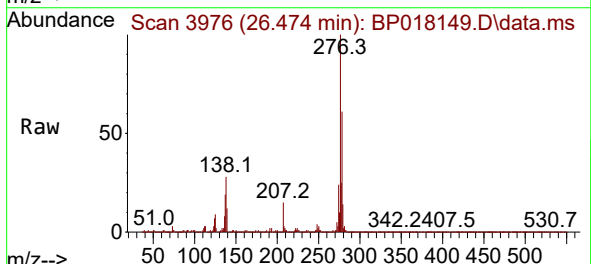
Instrument :
BNA_P
ClientSampleId :



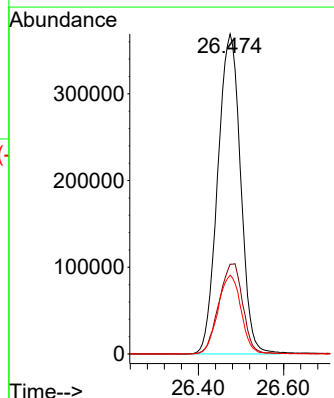
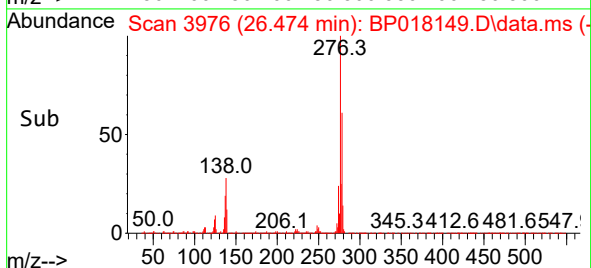
Tgt Ion:252 Resp: 1226276
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 12.1 7.3 10.9#

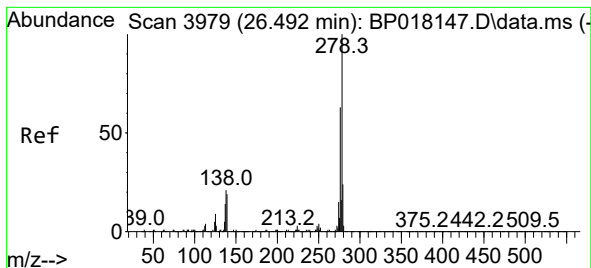


#94
Indeno(1,2,3-cd)pyrene
Concen: 29.455 ng/ul
RT: 26.474 min Scan# 3976
Delta R.T. -0.018 min
Lab File: BP018149.D
Acq: 14 Nov 2023 11:05



Tgt Ion:276 Resp: 1371018
Ion Ratio Lower Upper
276 100
138 28.0 15.6 23.4#
277 24.6 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 29.808 ng/ul

RT: 26.498 min Scan# 3979

Delta R.T. -0.024 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Instrument :

BNA_P

ClientSampleId :

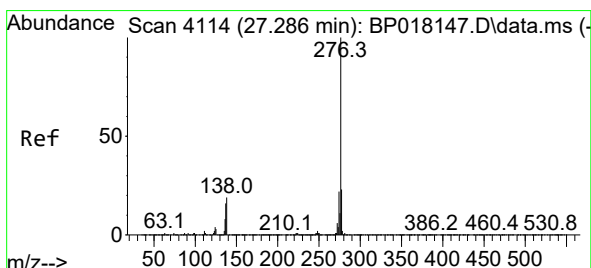
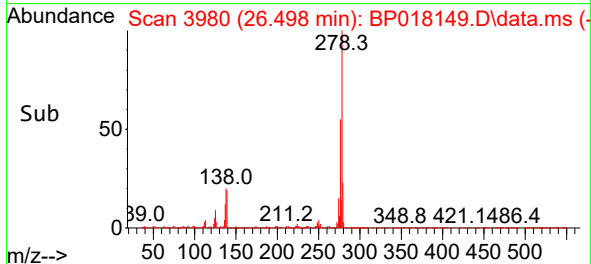
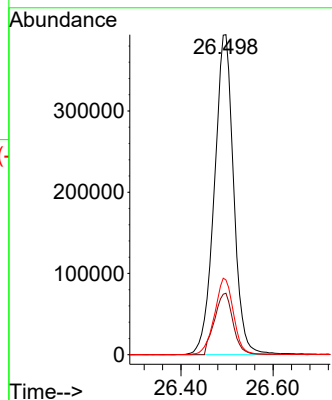
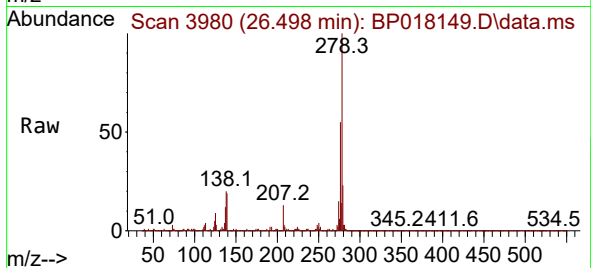
Tgt Ion:278 Resp: 1142411

Ion Ratio Lower Upper

278 100

139 19.2 11.1 16.7#

279 23.4 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 29.690 ng/ul

RT: 27.280 min Scan# 4113

Delta R.T. -0.035 min

Lab File: BP018149.D

Acq: 14 Nov 2023 11:05

Tgt Ion:276 Resp: 1105336

Ion Ratio Lower Upper

276 100

138 25.4 13.8 20.6#

277 24.4 20.2 30.2

