

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016261.D
 Acq On : 17 Jul 2023 19:32
 Operator : MA/JU
 Sample : PB153975BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 18 00:01:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	175625	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	849422	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	550892	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1248639	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	1267648	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1385586	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	27419	5.525	ng/uL	0.00
4) Pyridine-d5	3.728	84	381016	30.782	ng/u1	-0.01
7) Phenol-d5	7.134	99	536575	33.825	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	340402	31.734	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.481	132	390805	34.127	ng/u1	-0.01
15) 4-Methylphenol-d8	8.693	113	407763	31.909	ng/u1	-0.01
21) Nitrobenzene-d5	9.140	128	194410	33.175	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.869	143	223444	33.455	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.428	165	403499	34.887	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.945	131	508893	27.450	ng/u1	-0.01
46) Dimethylphthalate-d6	14.022	166	1244422	29.613	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	1433935	31.137	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	120629	14.066	ng/u1	-0.05
60) Fluorene-d10	15.604	176	1074858	30.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	205933	28.569	ng/u1	-0.01
73) Anthracene-d10	17.475	188	1714096	31.383	ng/u1	0.00
81) Pyrene-d10	19.710	212	2106308	32.021	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	2181776	32.789	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	57130	10.494	ng/uL#	94
5) Pyridine	3.752	79	361321	28.499	ng/u1	97
6) Benzaldehyde	7.110	77	247467	24.984	ng/u1	96
8) Phenol	7.163	94	528057	31.053	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	412064	29.796	ng/u1	97
12) 2-Chlorophenol	7.516	128	388951	32.736	ng/u1	97
13) 2-Methylphenol	8.422	108	390279	30.493	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.487	45	645936	28.780	ng/u1	98
16) Acetophenone	8.799	105	631537	29.970	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.769	70	350937	31.063	ng/u1	98
18) 4-Methylphenol	8.763	108	430487	30.758	ng/u1	97
19) Hexachloroethane	9.016	117	163029	30.098	ng/u1	97
22) Nitrobenzene	9.187	77	526012	30.894	ng/u1	99
23) Isophorone	9.704	82	982114	29.100	ng/u1	99
25) 2-Nitrophenol	9.904	139	227243	31.667	ng/u1	95
26) 2,4-Dimethylphenol	9.963	107	419203	26.564	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.187	93	600199	30.542	ng/u1	99
29) 2,4-Dichlorophenol	10.451	162	383270	32.227	ng/u1	98
30) Naphthalene	10.816	128	1321172	29.638	ng/u1	99
32) 4-Chloroaniline	10.969	127	422919	22.937	ng/u1	99
33) Hexachlorobutadiene	11.075	225	233328	28.886	ng/u1	99
34) Caprolactam	11.781	113	34083	7.916	ng/u1	91
35) 4-Chloro-3-methylphenol	12.110	107	455267	31.021	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	873590	29.229	ng/u1	99

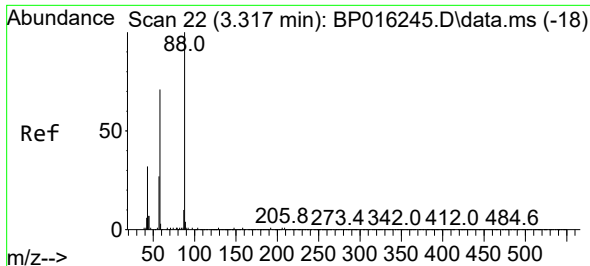
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	881718	28.685	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	470120	29.963	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	84222	13.674	ng/ul	93
41) 2,4,6-Trichlorophenol	13.069	196	294070	29.666	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	323492	30.695	ng/ul	98
43) 1,1'-Biphenyl	13.439	154	1199767	29.856	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	946494	29.979	ng/ul	99
45) 2-Nitroaniline	13.734	65	320763	31.175	ng/ul	97
47) Dimethylphthalate	14.069	163	1205451	28.402	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	247392	30.918	ng/ul	98
50) Acenaphthylene	14.334	152	1493312	28.232	ng/ul	100
51) 3-Nitroaniline	14.569	138	242627	29.860	ng/ul	95
52) Acenaphthene	14.669	153	1042315	29.136	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	112474	20.083	ng/ul	97
55) 4-Nitrophenol	14.928	109	199942	30.636	ng/ul#	51
56) Dibenzofuran	15.016	168	1454809	29.856	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	364659	30.894	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.257	232	263952	27.597	ng/ul	99
59) Diethylphthalate	15.422	149	1261186	28.574	ng/ul	99
61) Fluorene	15.663	166	1195044	29.357	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	569466	28.925	ng/ul	99
63) 4-Nitroaniline	15.745	138	232724	31.186	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.798	198	189211	25.115	ng/ul	99
67) N-Nitrosodiphenylamine	15.875	169	1010308	30.526	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	358747	30.232	ng/ul	98
69) Hexachlorobenzene	16.669	284	419258	29.339	ng/ul	98
70) Atrazine	16.839	200	130539	9.947	ng/ul	97
71) Pentachlorophenol	17.045	266	173230	24.174	ng/ul	97
72) Phenanthrene	17.416	178	1951931	30.002	ng/ul	100
74) Anthracene	17.516	178	1927209	29.480	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	484734	29.571	ng/ul	99
76) Pentachlorobenzene	14.928	250	1122398	72.540	ng/ul	99
77) Carbazole	17.804	167	1811445	30.391	ng/ul	99
78) Di-n-butylphthalate	18.310	149	2251412	30.153	ng/ul	99
80) Fluoranthene	19.386	202	2375124	30.878	ng/ul	100
82) Pyrene	19.745	202	2518882	30.672	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1101097	31.089	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.386	252	819141	27.656	ng/ul	97
85) Benzo(a)anthracene	21.451	228	2514434	30.460	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1630555	30.818	ng/ul	100
87) Chrysene	21.510	228	2478514	29.639	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	2887646	33.272	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	2563516	32.389	ng/ul	98
91) Benzo(k)fluoranthene	23.245	252	2590361	32.161	ng/ul	99
93) Benzo(a)pyrene	23.851	252	2249548	28.691	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	2621831	27.005	ng/ul	99
95) Dibenzo(a,h)anthracene	26.598	278	2154444	27.205	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	2064685	26.643	ng/ul	99

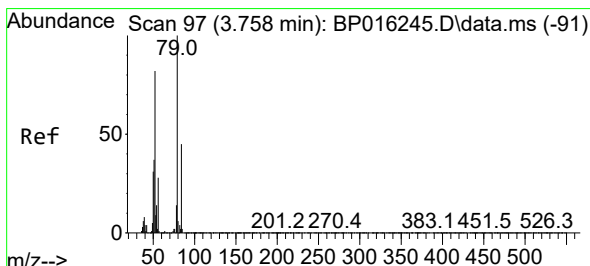
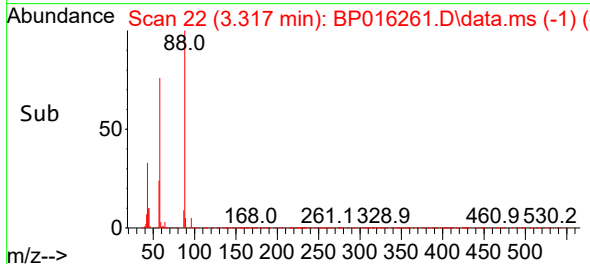
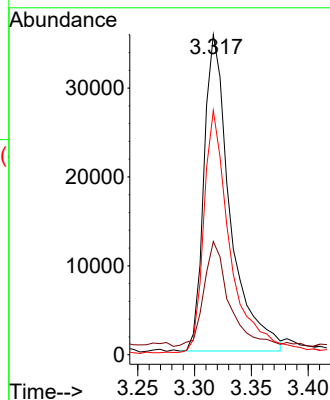
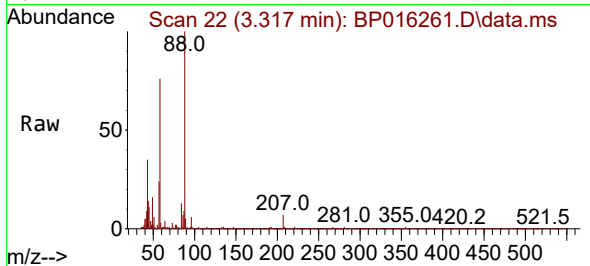
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#2
1,4-Dioxane
Concen: 10.494 ng/uL
RT: 3.317 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016261.D
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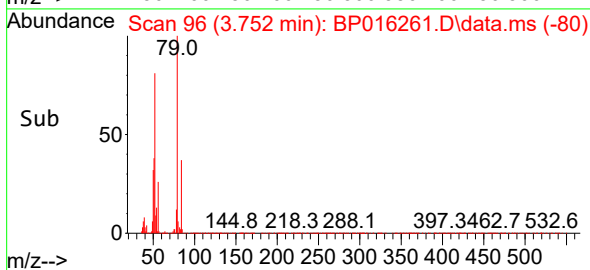
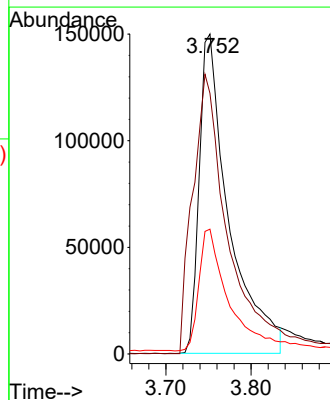
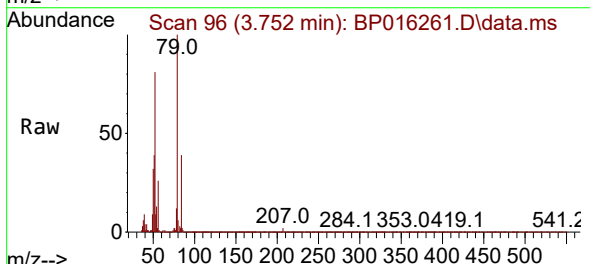
Instrument :
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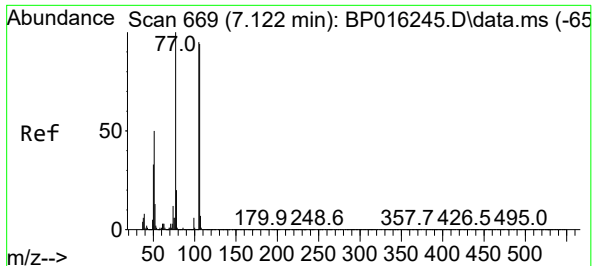
Tgt Ion: 88 Resp: 57130
Ion Ratio Lower Upper
88 100
43 35.4 22.3 33.5#
58 76.3 63.1 94.7



#5
Pyridine
Concen: 28.499 ng/uL
RT: 3.752 min Scan# 96
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion: 79 Resp: 361321
Ion Ratio Lower Upper
79 100
52 81.5 67.7 101.5
51 39.0 31.7 47.5

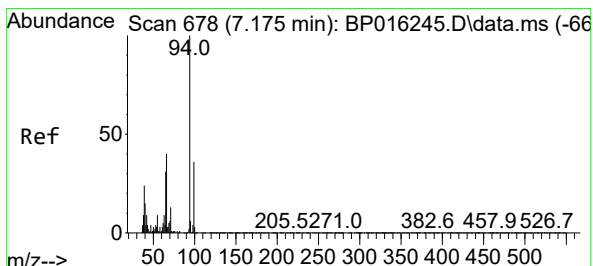
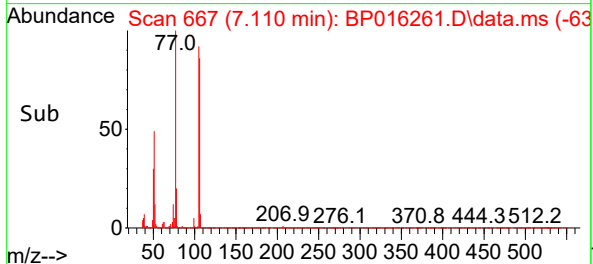
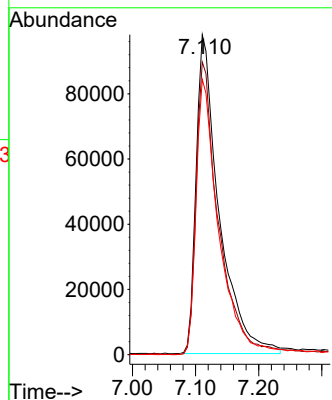
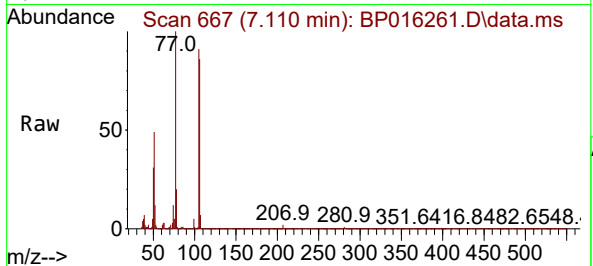




#6
Benzaldehyde
Concen: 24.984 ng/ul
RT: 7.110 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

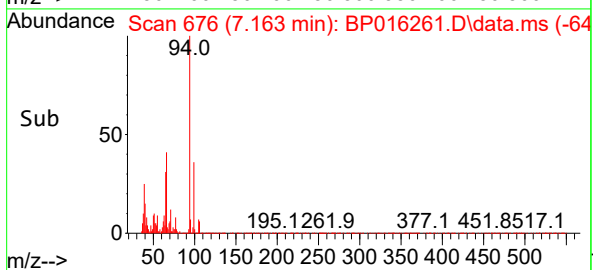
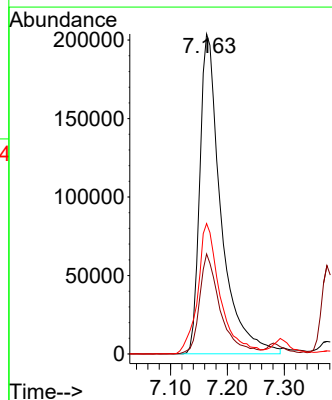
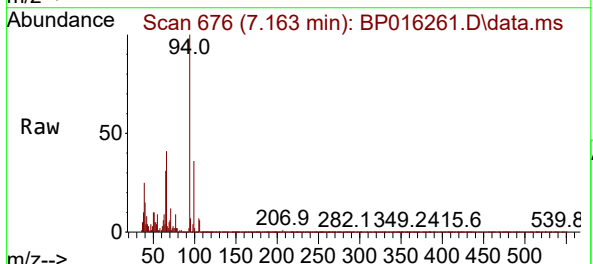
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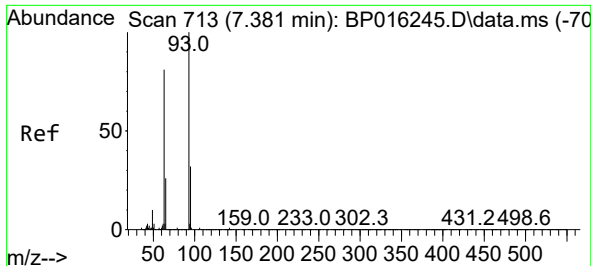
Tgt Ion: 77 Resp: 247467
Ion Ratio Lower Upper
77 100
105 91.5 69.4 104.2
106 86.0 66.2 99.4



#8
Phenol
Concen: 31.053 ng/ul
RT: 7.163 min Scan# 676
Delta R.T. -0.018 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

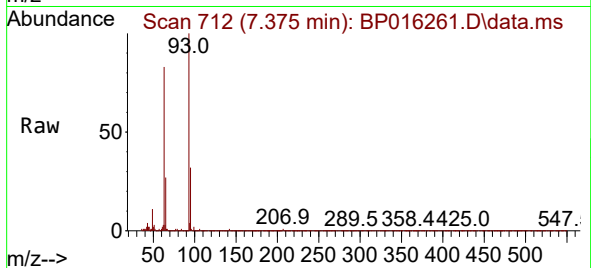
Tgt Ion: 94 Resp: 528057
Ion Ratio Lower Upper
94 100
65 31.3 25.5 38.3
66 40.7 32.7 49.1



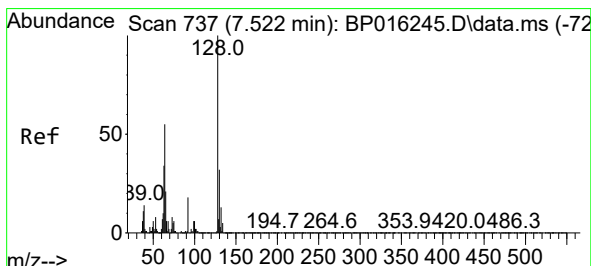
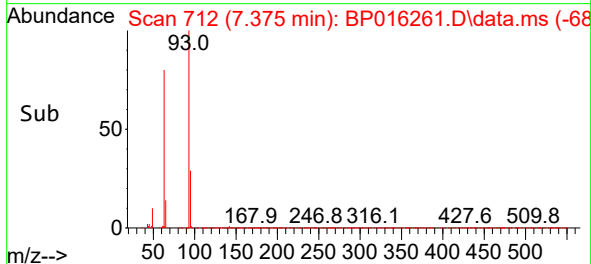
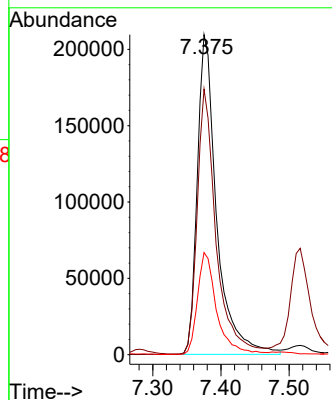


#10
Bis(2-Chloroethyl)ether
Concen: 29.796 ng/ul
RT: 7.375 min Scan# 713
Delta R.T. -0.012 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Instrument :
BNA_P
ClientSampleId :

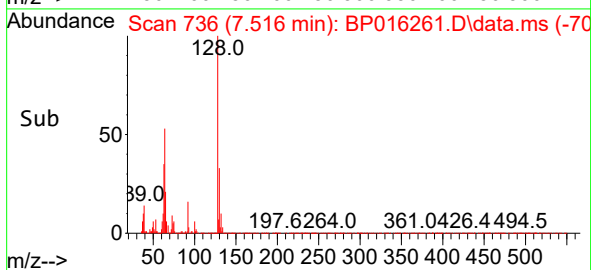
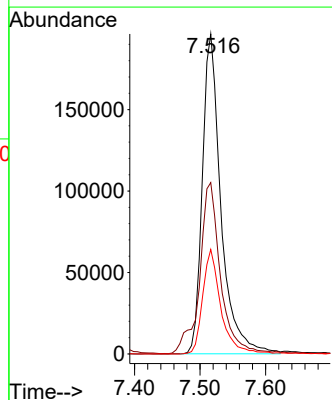
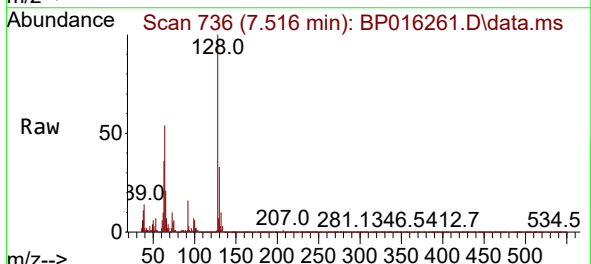


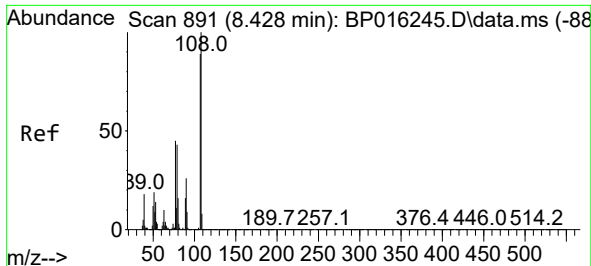
Tgt Ion: 93 Resp: 412064
Ion Ratio Lower Upper
93 100
63 83.0 63.5 95.3
95 31.9 25.1 37.7



#12
2-Chlorophenol
Concen: 32.736 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. -0.012 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion:128 Resp: 388951
Ion Ratio Lower Upper
128 100
64 53.5 44.1 66.1
130 32.6 24.3 36.5





#13

2-Methylphenol

Concen: 30.493 ng/ul

RT: 8.422 min Scan# 891

Delta R.T. -0.012 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

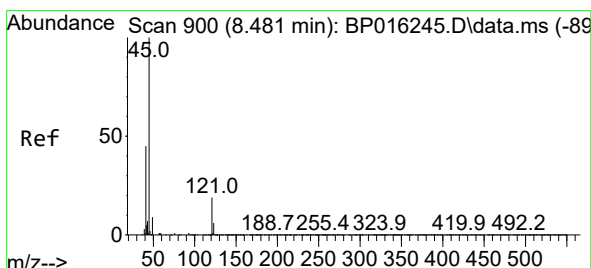
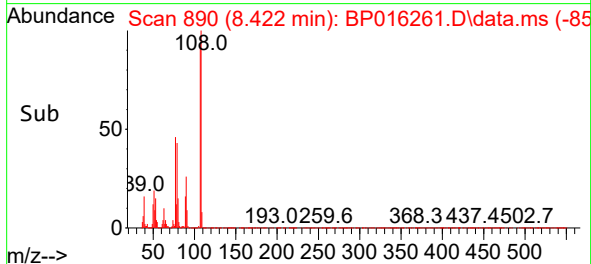
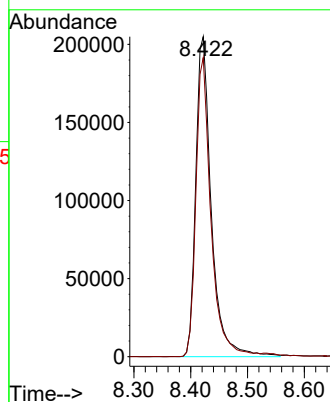
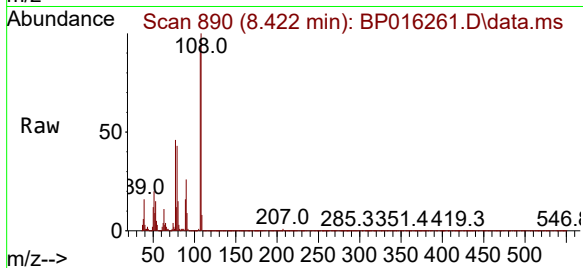
ClientSampleId :

Tgt Ion:108 Resp: 390279

Ion Ratio Lower Upper

108 100

107 93.5 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.780 ng/ul

RT: 8.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

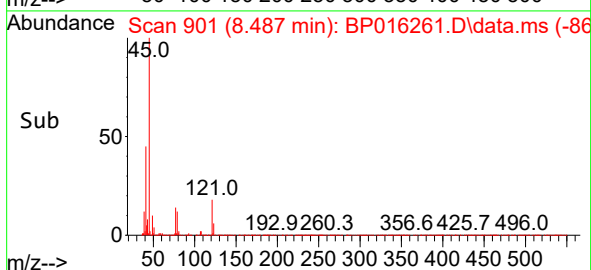
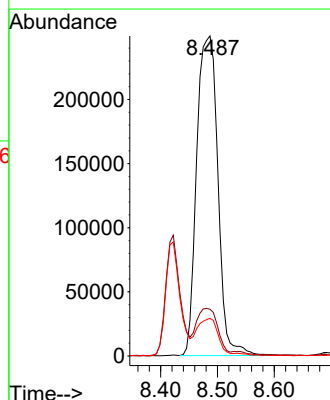
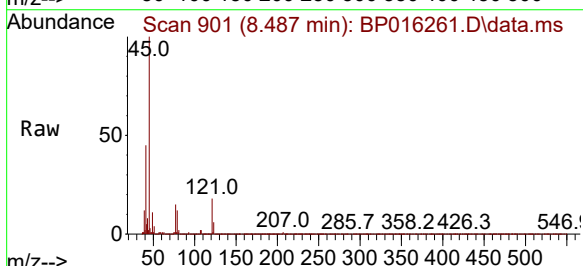
Tgt Ion: 45 Resp: 645936

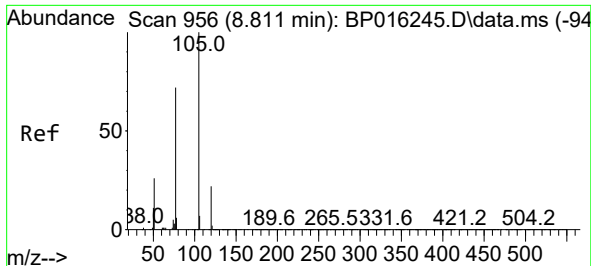
Ion Ratio Lower Upper

45 100

77 14.6 12.5 18.7

79 11.7 8.7 13.1

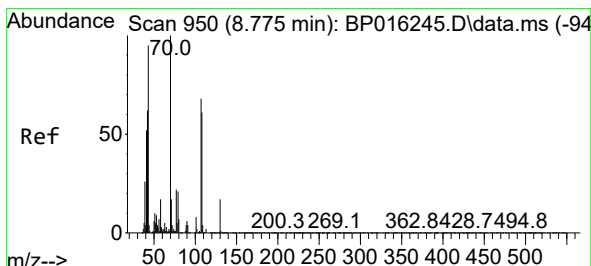
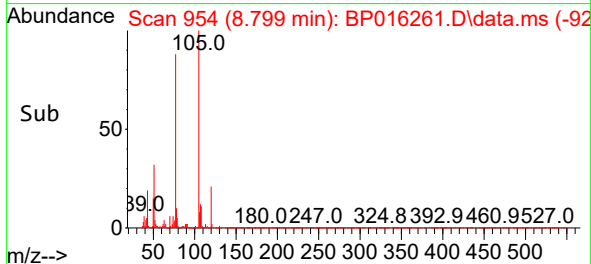
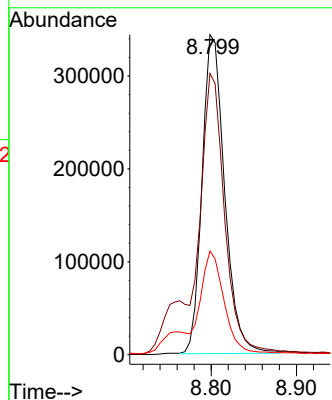
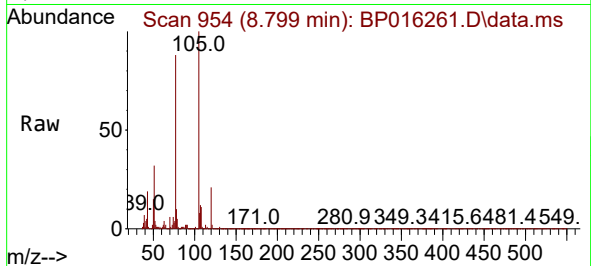




#16
Acetophenone
Concen: 29.970 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
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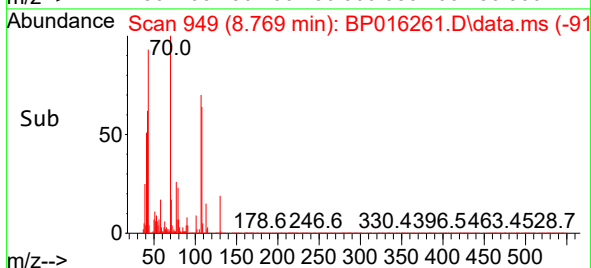
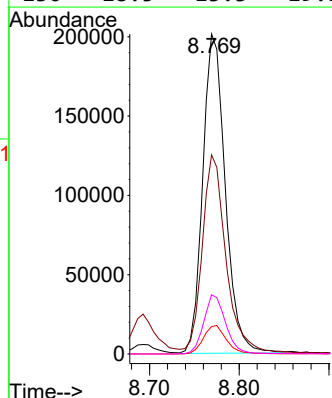
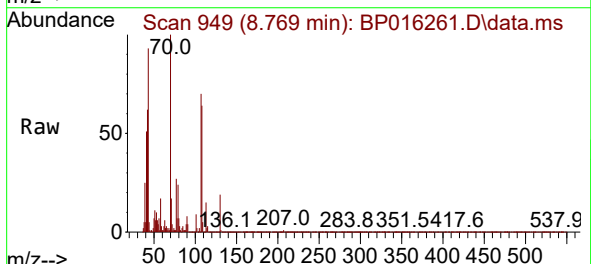
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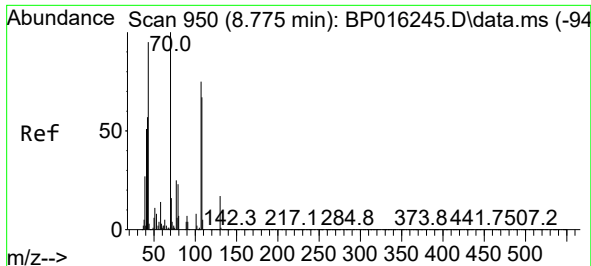
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Ion Ratio Lower Upper
105 100
77 87.9 70.2 105.2
51 32.4 26.3 39.5



#17
N-Nitroso-di-n-propylamine
Concen: 31.063 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion: 70 Resp: 350937
Ion Ratio Lower Upper
70 100
42 62.2 50.8 76.2
101 8.5 7.0 10.6
130 18.5 13.3 19.9

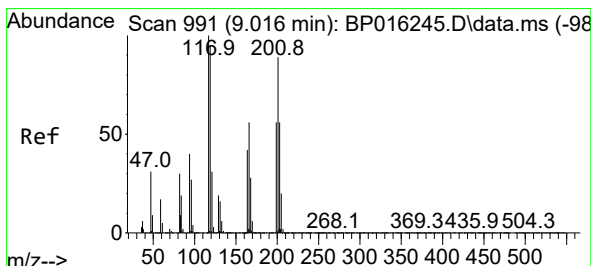
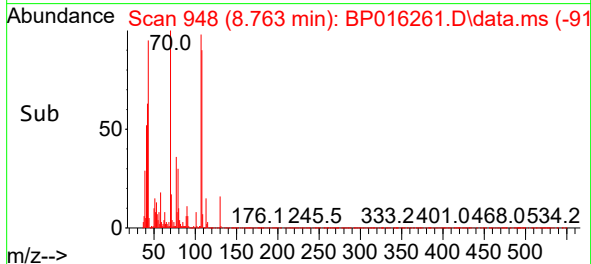
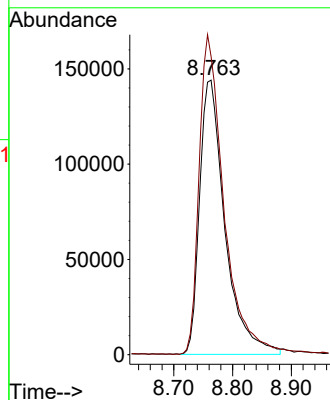
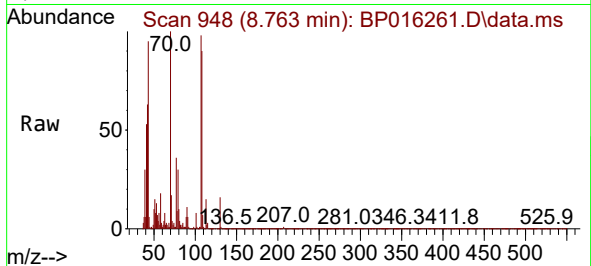




#18
4-Methylphenol
Concen: 30.758 ng/ul
RT: 8.763 min Scan# 948
Delta R.T. -0.012 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

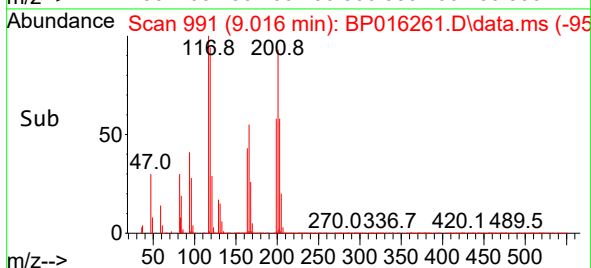
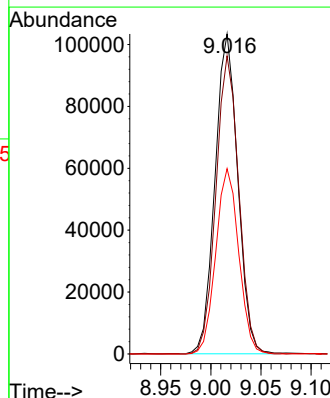
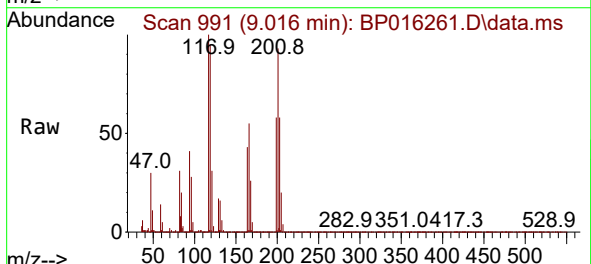
Instrument :
BNA_P
ClientSampleId :

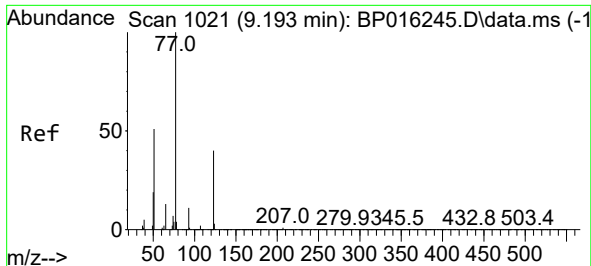
Tgt Ion:108 Resp: 430487
Ion Ratio Lower Upper
108 100
107 108.6 89.3 133.9



#19
Hexachloroethane
Concen: 30.098 ng/ul
RT: 9.016 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion:117 Resp: 163029
Ion Ratio Lower Upper
117 100
201 93.1 76.5 114.7
199 57.9 47.9 71.9

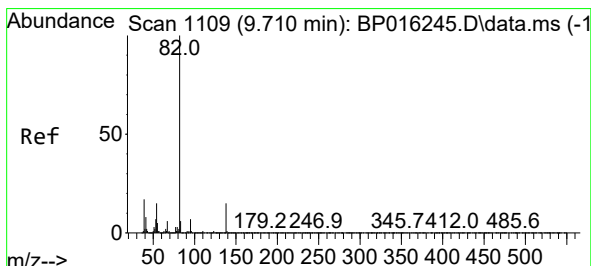
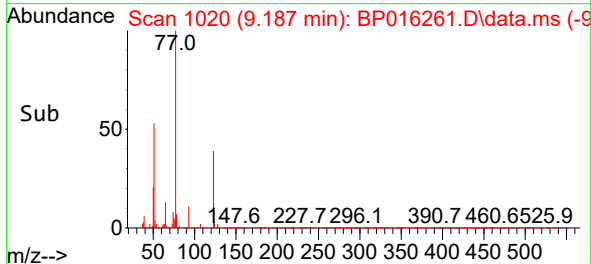
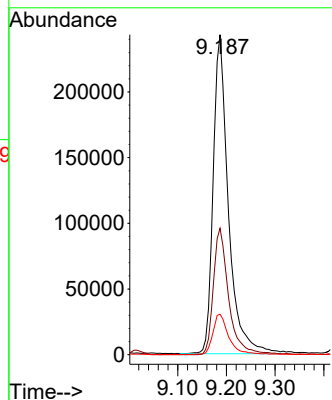
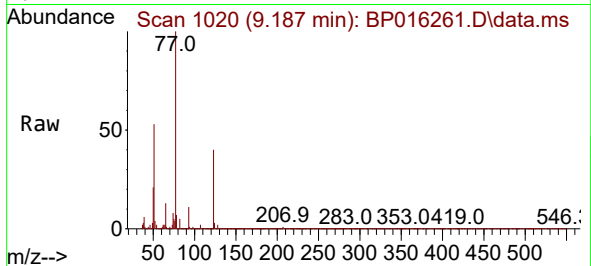




#22
Nitrobenzene
Concen: 30.894 ng/ul
RT: 9.187 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

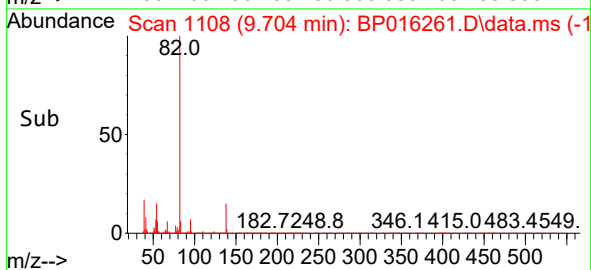
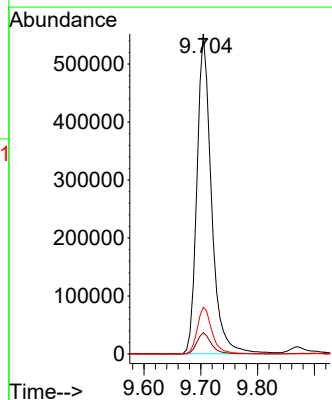
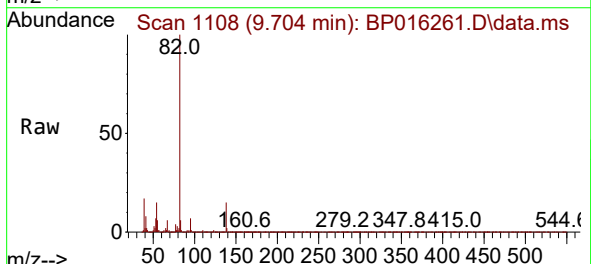
Instrument :
BNA_P
ClientSampleId :

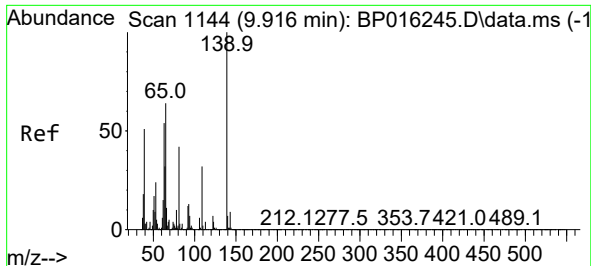
Tgt Ion: 77 Resp: 526012
Ion Ratio Lower Upper
77 100
123 39.5 31.8 47.8
65 12.6 10.4 15.6



#23
Isophorone
Concen: 29.100 ng/ul
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion: 82 Resp: 982114
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 14.6 12.3 18.5

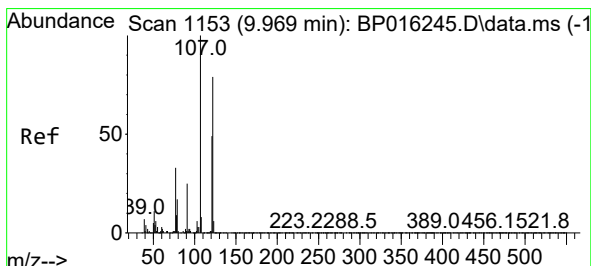
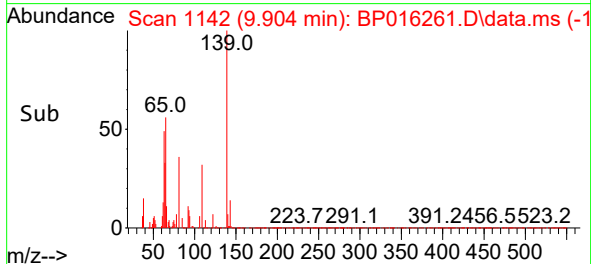
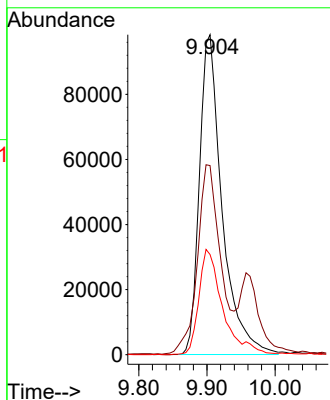
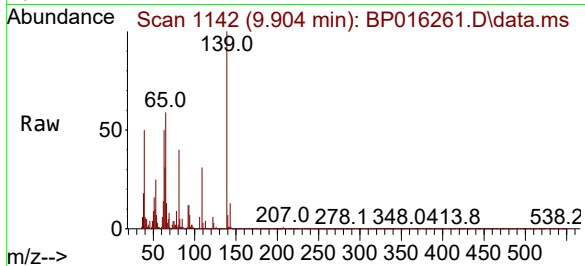




#25
2-Nitrophenol
Concen: 31.667 ng/ul
RT: 9.904 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

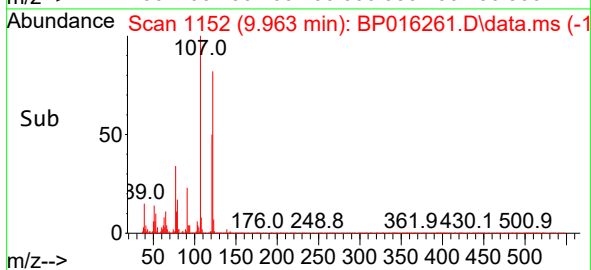
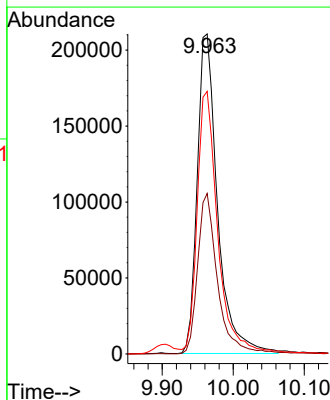
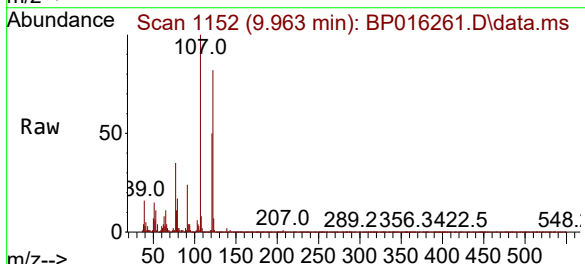
Instrument :
BNA_P
ClientSampleId :

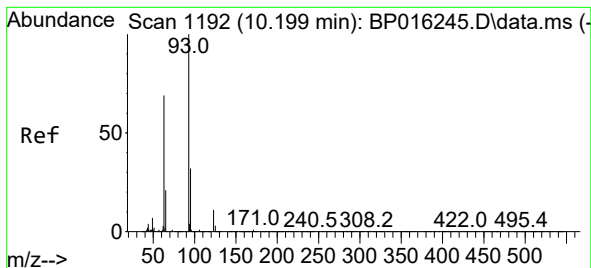
Tgt Ion:139 Resp: 227243
Ion Ratio Lower Upper
139 100
65 59.1 50.0 75.0
109 31.3 28.2 42.2



#26
2,4-Dimethylphenol
Concen: 26.564 ng/ul
RT: 9.963 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion:107 Resp: 419203
Ion Ratio Lower Upper
107 100
121 50.2 37.2 55.8
122 82.1 64.7 97.1

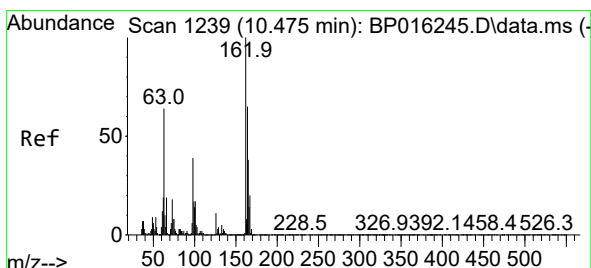
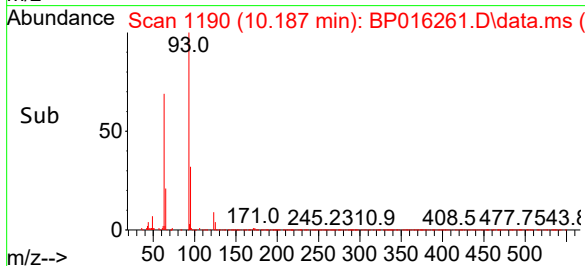
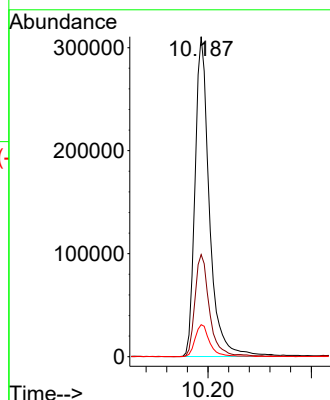
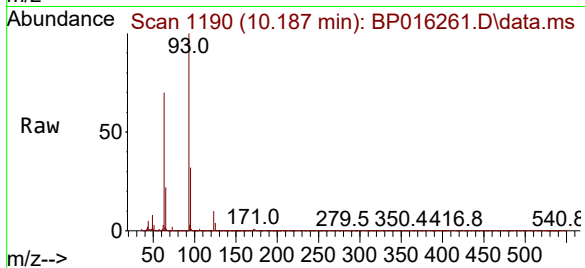




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.542 ng/ul
 RT: 10.187 min Scan# 1192
 Delta R.T. -0.012 min
 Lab File: BP016261.D
 Acq: 17 Jul 2023 19:32

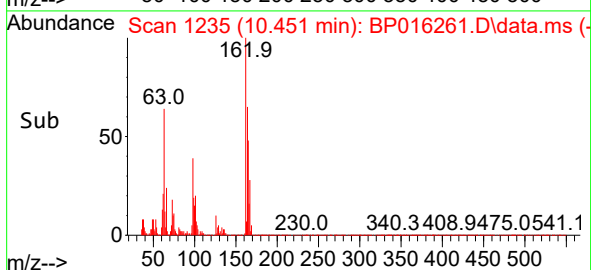
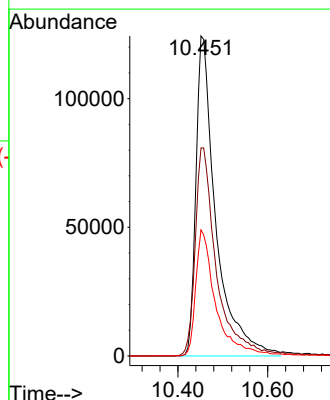
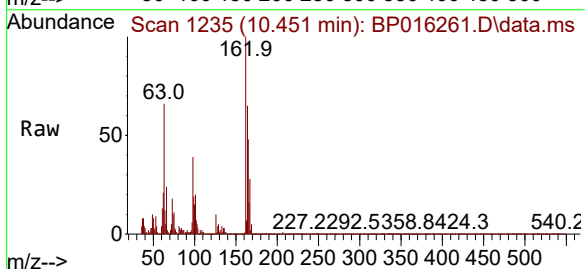
Instrument :
 BNA_P
 ClientSampleId :

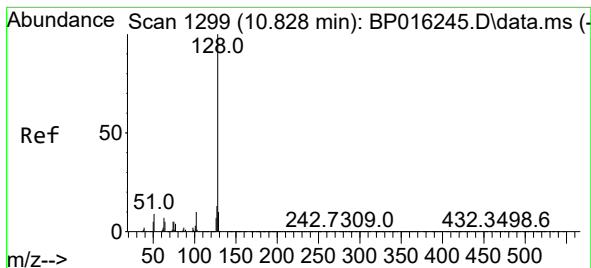
Tgt Ion: 93 Resp: 600199
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.9 38.9
 123 10.0 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 32.227 ng/ul
 RT: 10.451 min Scan# 1235
 Delta R.T. -0.024 min
 Lab File: BP016261.D
 Acq: 17 Jul 2023 19:32

Tgt Ion:162 Resp: 383270
 Ion Ratio Lower Upper
 162 100
 164 65.0 54.3 81.5
 98 39.4 31.8 47.8





#30

Naphthalene

Concen: 29.638 ng/ul

RT: 10.816 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

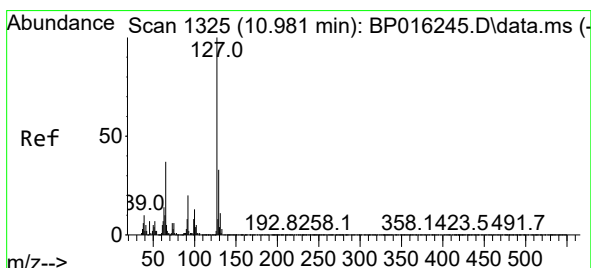
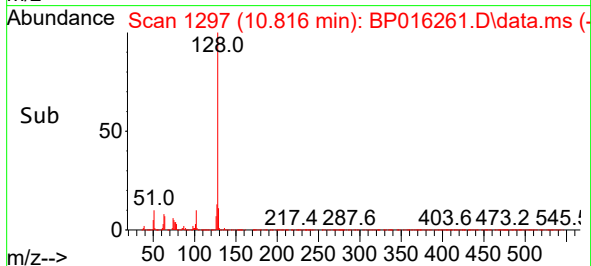
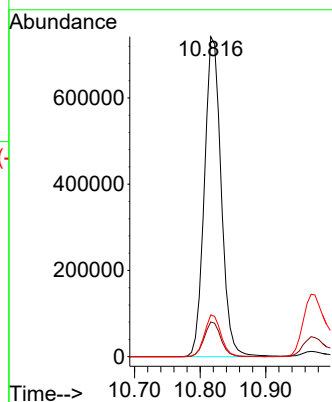
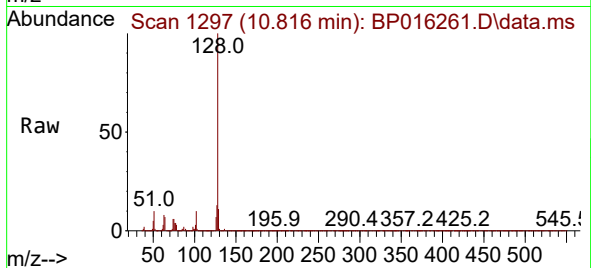
Tgt Ion:128 Resp: 1321172

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.0 10.9 16.3



#32

4-Chloroaniline

Concen: 22.937 ng/ul

RT: 10.969 min Scan# 1323

Delta R.T. -0.018 min

Lab File: BP016261.D

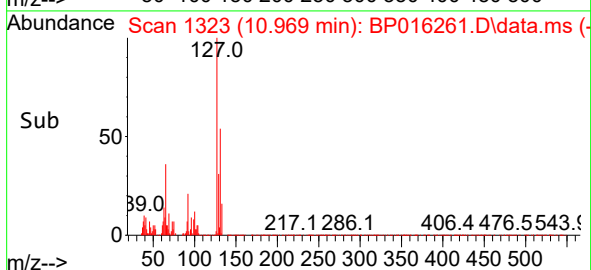
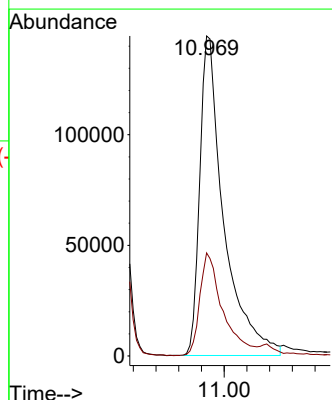
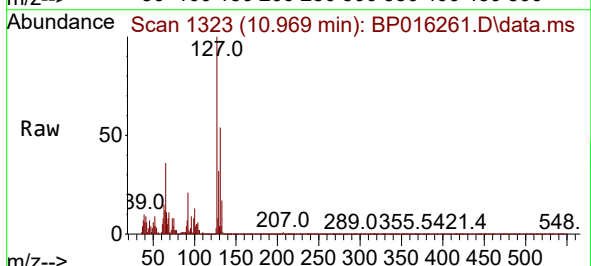
Acq: 17 Jul 2023 19:32

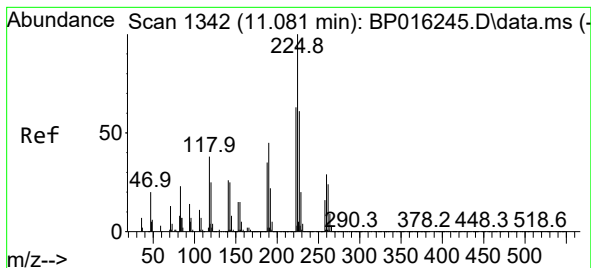
Tgt Ion:127 Resp: 422919

Ion Ratio Lower Upper

127 100

129 32.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 28.886 ng/ul

RT: 11.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

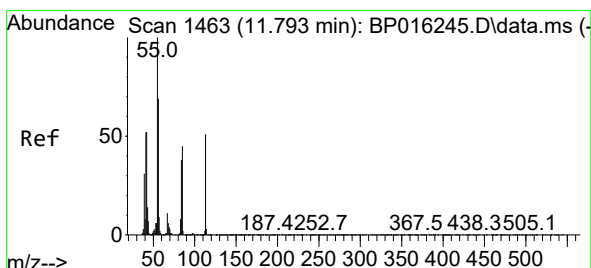
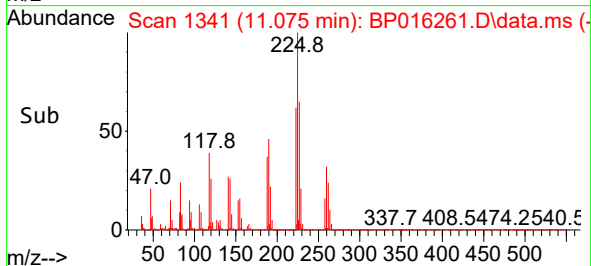
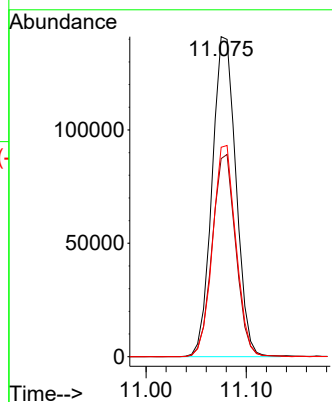
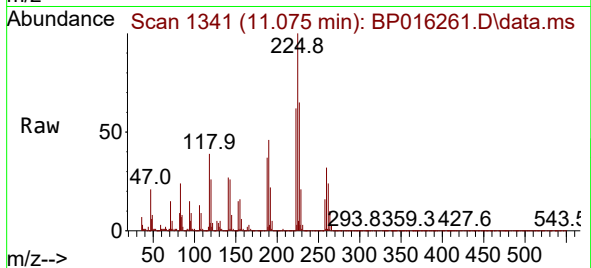
Tgt Ion:225 Resp: 233328

Ion Ratio Lower Upper

225 100

223 61.9 49.8 74.6

227 65.4 51.7 77.5



#34

Caprolactam

Concen: 7.916 ng/ul

RT: 11.781 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

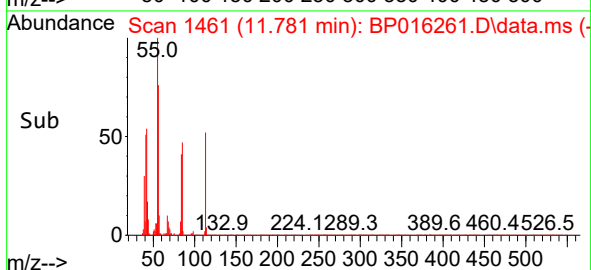
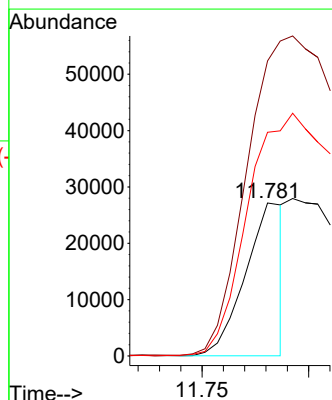
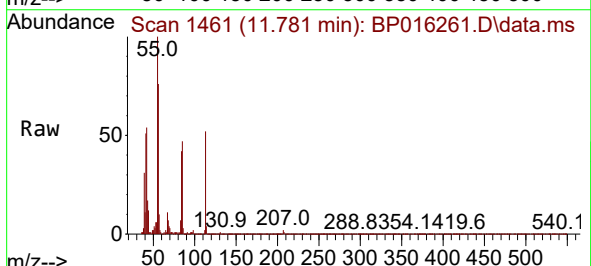
Tgt Ion:113 Resp: 34083

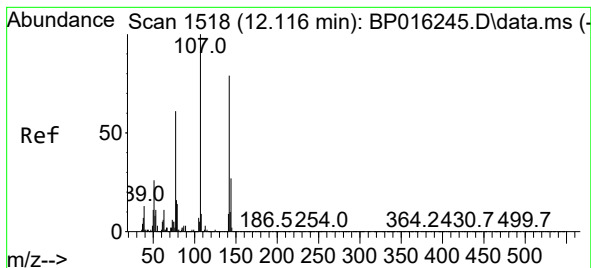
Ion Ratio Lower Upper

113 100

55 192.9 147.8 221.8

56 146.2 103.8 155.6

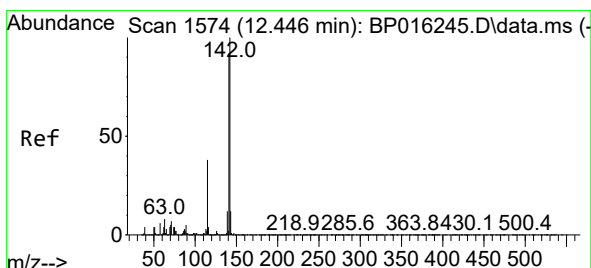
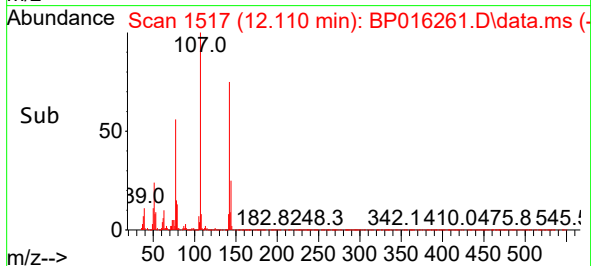
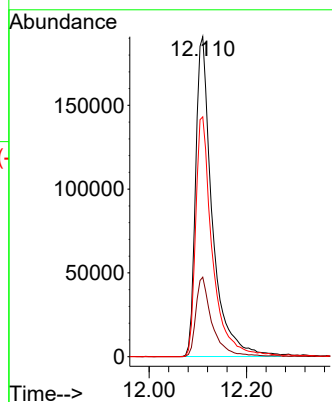
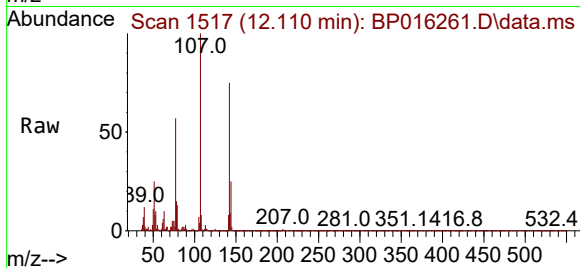




#35
4-Chloro-3-methylphenol
Concen: 31.021 ng/ul
RT: 12.110 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

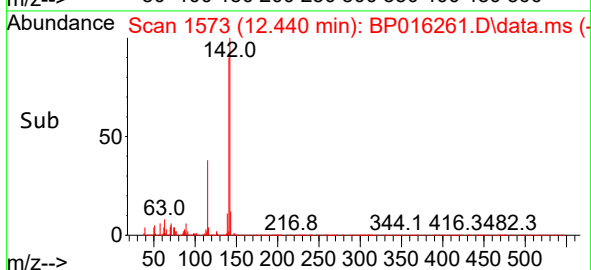
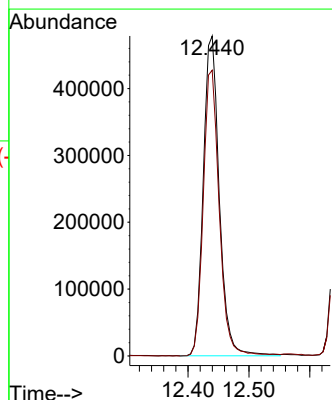
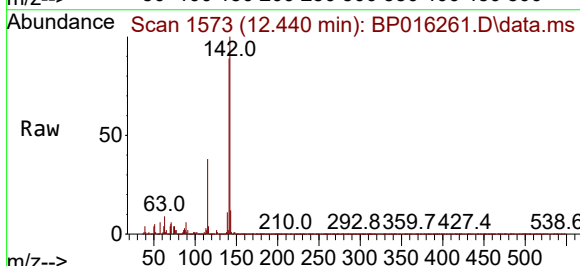
Instrument :
BNA_P
ClientSampleId :

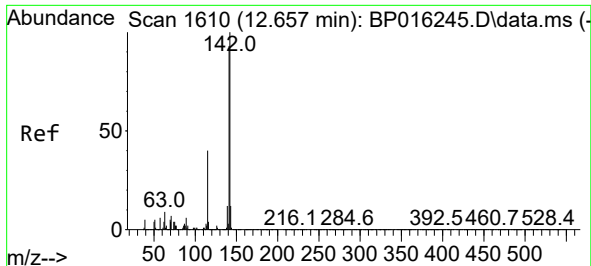
Tgt Ion:107 Resp: 455267
Ion Ratio Lower Upper
107 100
144 24.9 20.3 30.5
142 74.9 60.8 91.2



#36
2-Methylnaphthalene
Concen: 29.229 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion:142 Resp: 873590
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9

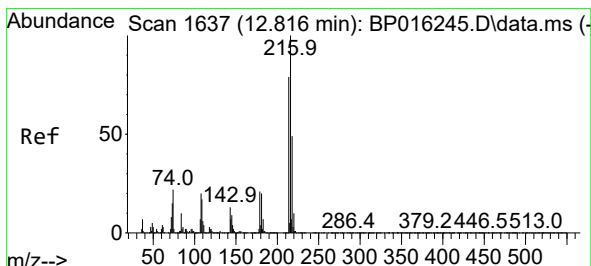
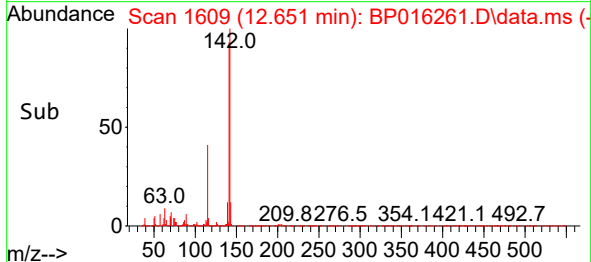
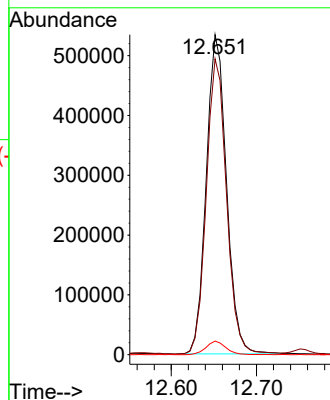
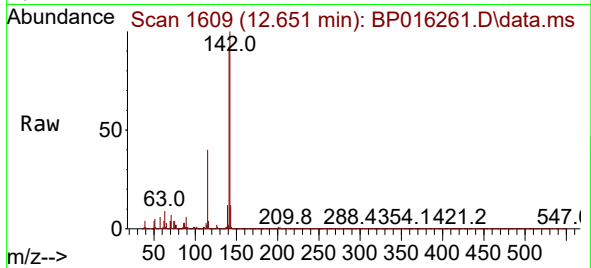




#37
1-Methylnaphthalene
Concen: 28.685 ng/ul
RT: 12.651 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

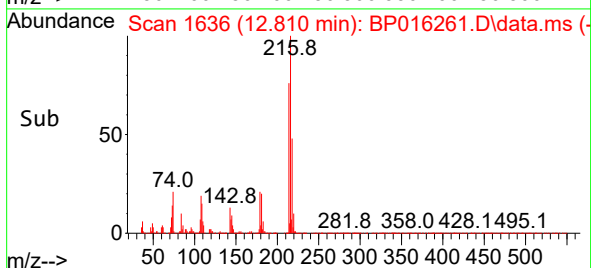
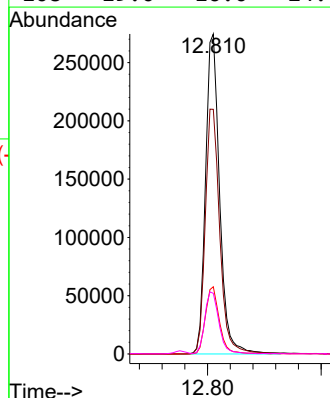
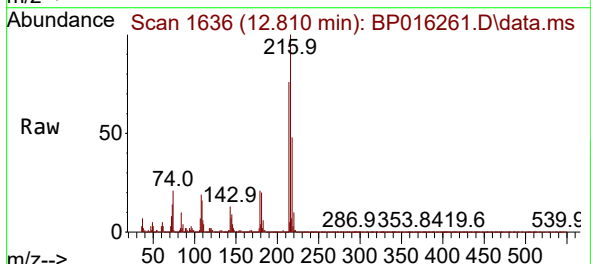
Instrument :
BNA_P
ClientSampleId :

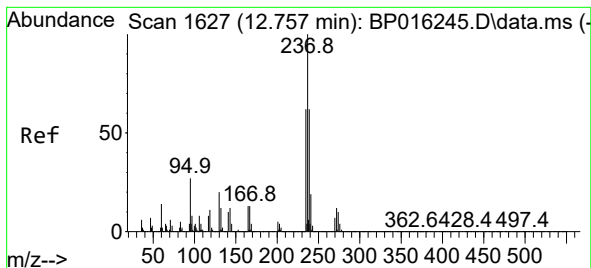
Tgt Ion:142 Resp: 881718
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 4.3 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.963 ng/ul
RT: 12.810 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion:216 Resp: 470120
Ion Ratio Lower Upper
216 100
214 76.5 62.9 94.3
179 21.0 17.8 26.6
108 19.0 16.0 24.0





#40

Hexachlorocyclopentadiene

Concen: 13.674 ng/ul

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016261.D

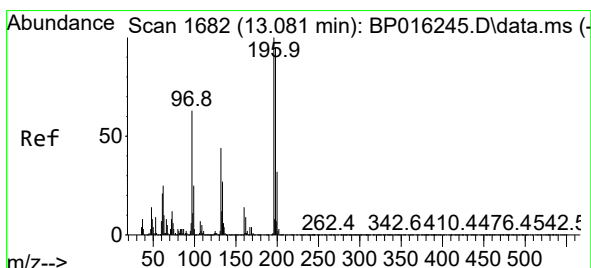
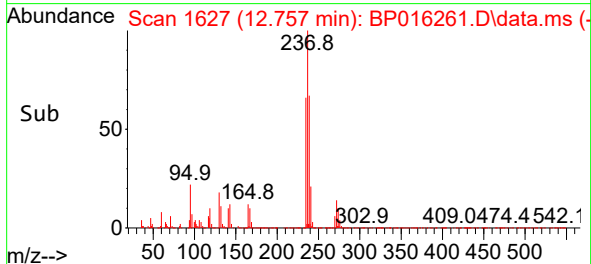
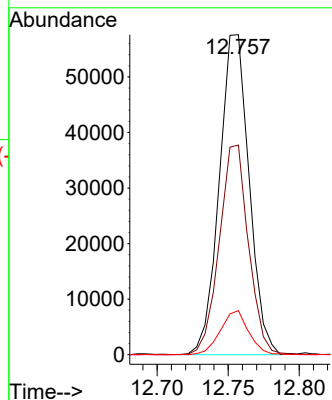
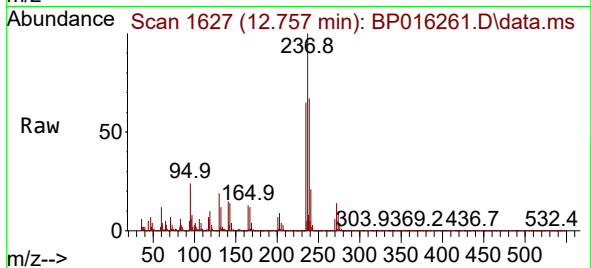
Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	84222
Ion Ratio	Lower	Upper
237	100	
235	65.5	48.2 72.2
272	13.7	9.5 14.3



#41

2,4,6-Trichlorophenol

Concen: 29.666 ng/ul

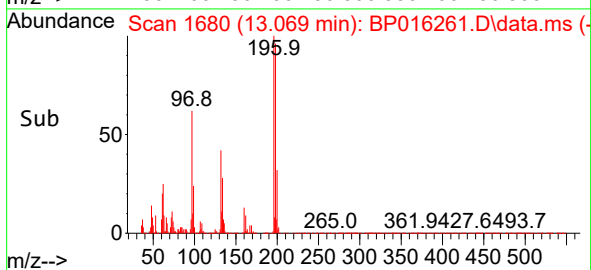
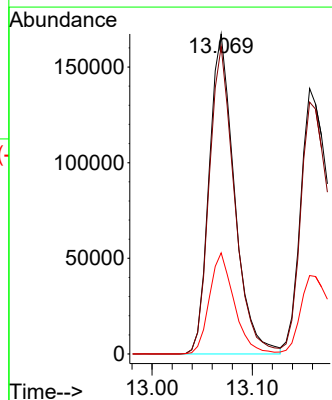
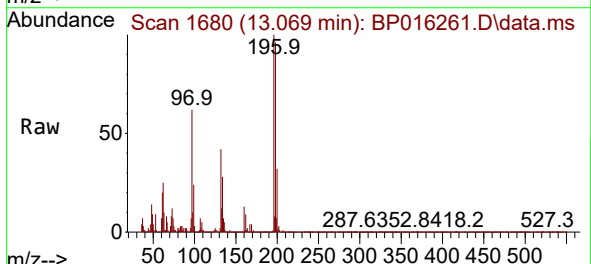
RT: 13.069 min Scan# 1680

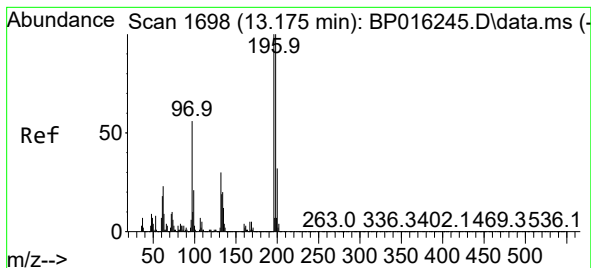
Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Tgt Ion:196	Resp:	294070
Ion Ratio	Lower	Upper
196	100	
198	96.1	79.2 118.8
200	31.6	24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 30.695 ng/ul

RT: 13.157 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

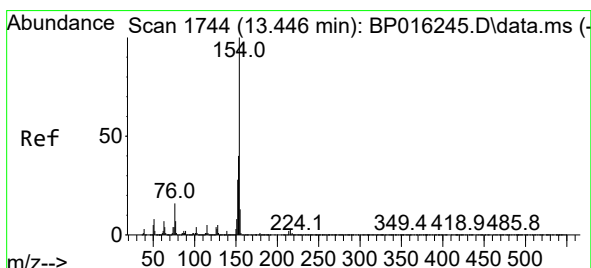
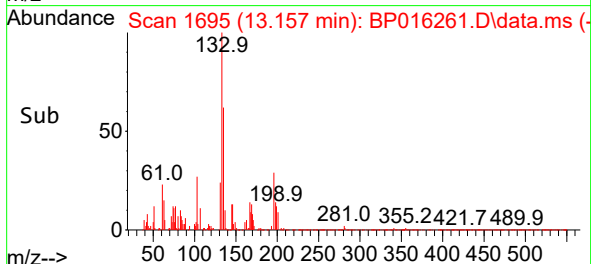
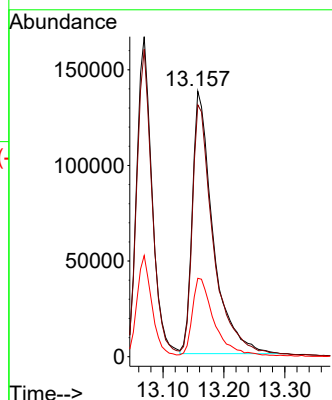
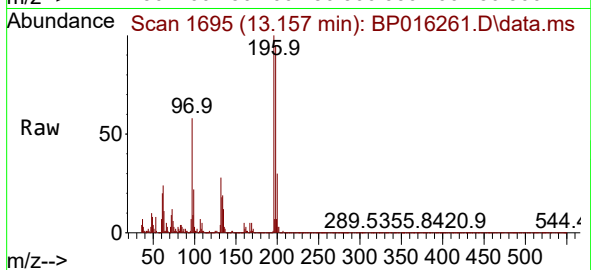
Tgt Ion:196 Resp: 323492

Ion Ratio Lower Upper

196 100

198 94.9 77.4 116.2

200 29.6 25.3 37.9



#43

1,1'-Biphenyl

Concen: 29.856 ng/ul

RT: 13.439 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

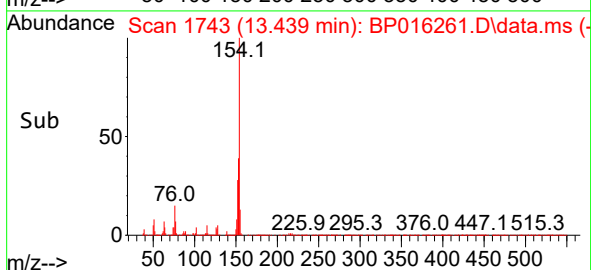
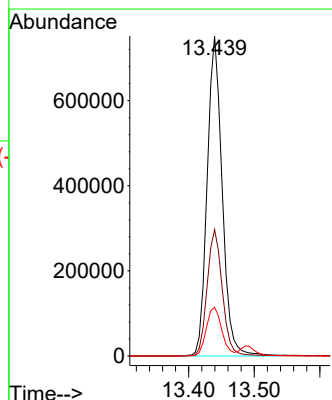
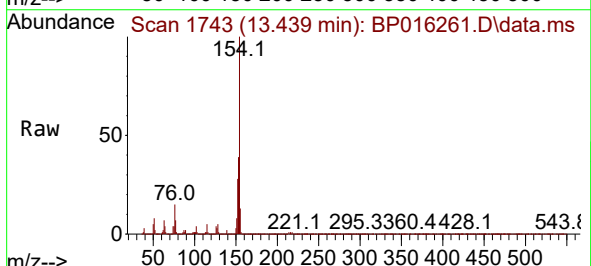
Tgt Ion:154 Resp: 1199767

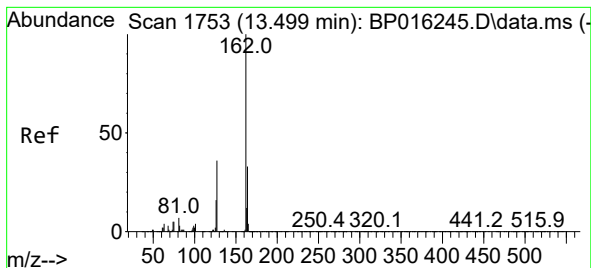
Ion Ratio Lower Upper

154 100

153 39.5 31.1 46.7

76 15.2 12.9 19.3





#44

2-Chloronaphthalene

Concen: 29.979 ng/ul

RT: 13.492 min Scan# 1752

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

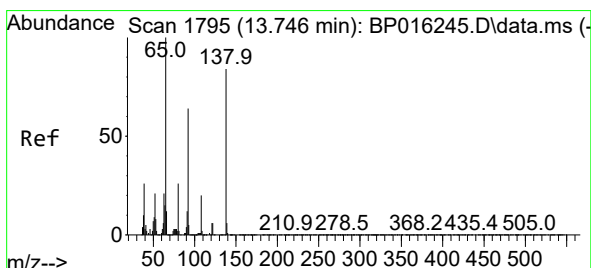
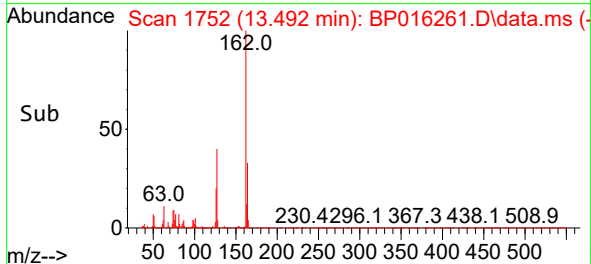
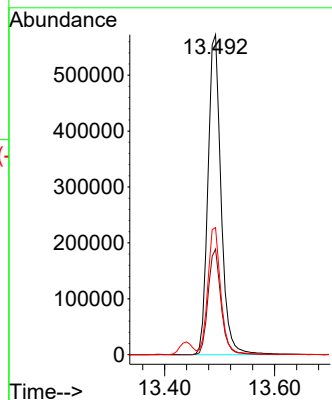
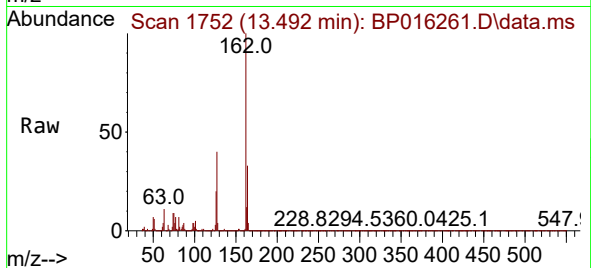
Tgt Ion:162 Resp: 946494

Ion Ratio Lower Upper

162 100

164 33.0 26.0 39.0

127 39.7 31.2 46.8



#45

2-Nitroaniline

Concen: 31.175 ng/ul

RT: 13.734 min Scan# 1793

Delta R.T. -0.018 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

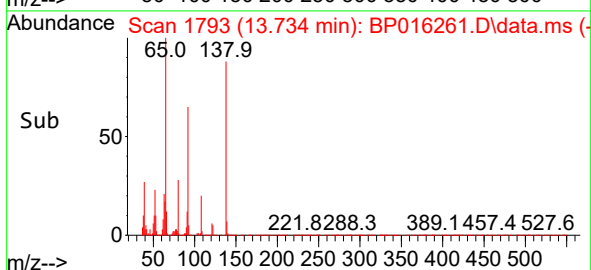
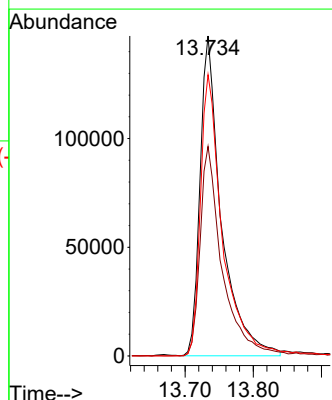
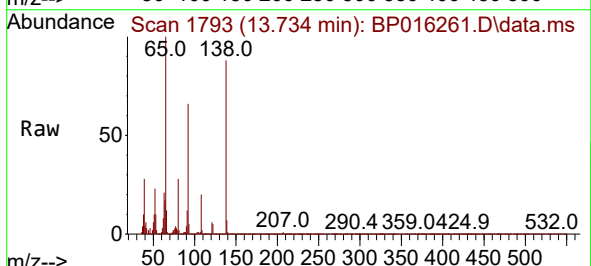
Tgt Ion: 65 Resp: 320763

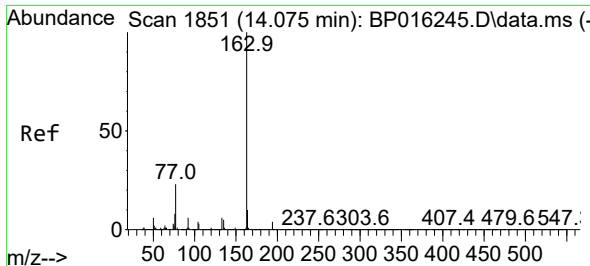
Ion Ratio Lower Upper

65 100

92 65.5 54.1 81.1

138 87.9 73.4 110.0

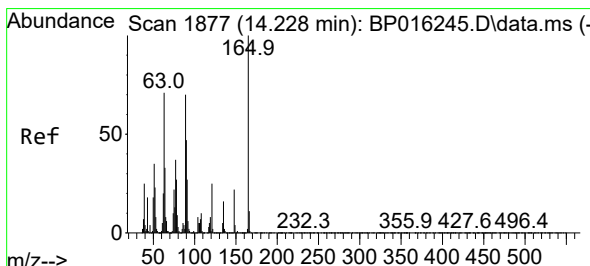
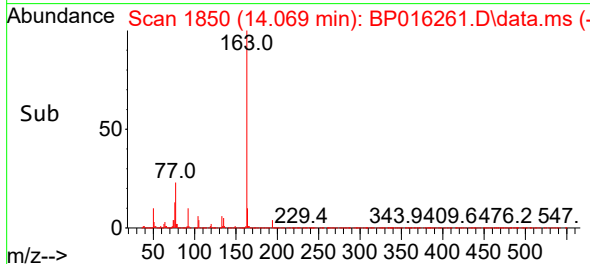
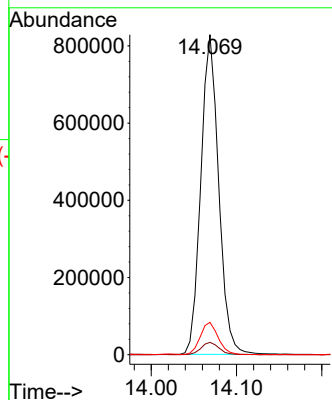
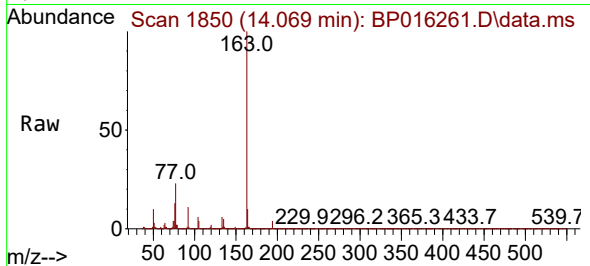




#47
Dimethylphthalate
Concen: 28.402 ng/ul
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

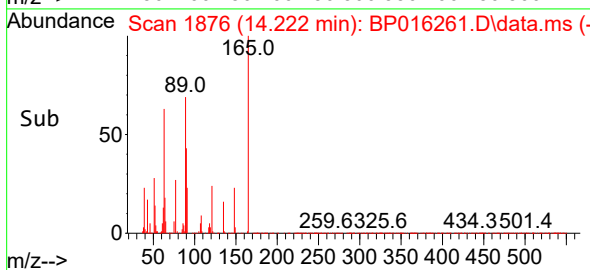
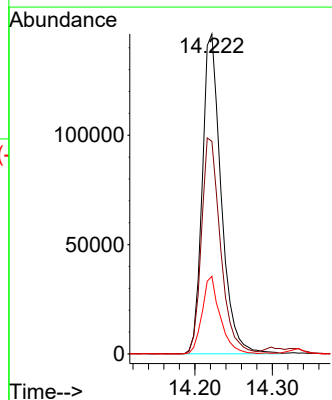
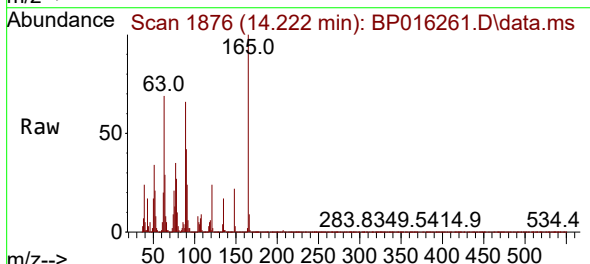
Instrument :
BNA_P
ClientSampleId :

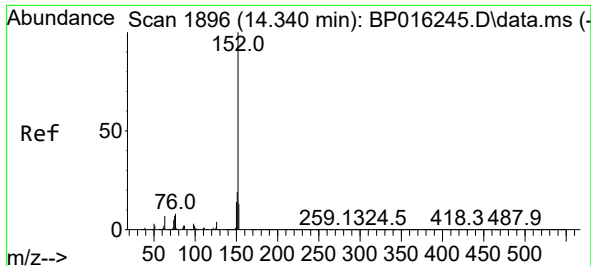
Tgt Ion:163 Resp: 1205451
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 30.918 ng/ul
RT: 14.222 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

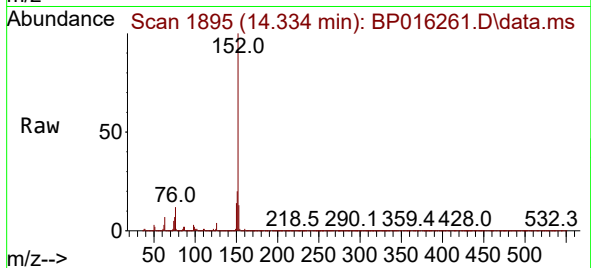
Tgt Ion:165 Resp: 247392
Ion Ratio Lower Upper
165 100
89 66.4 54.8 82.2
121 24.2 19.4 29.0



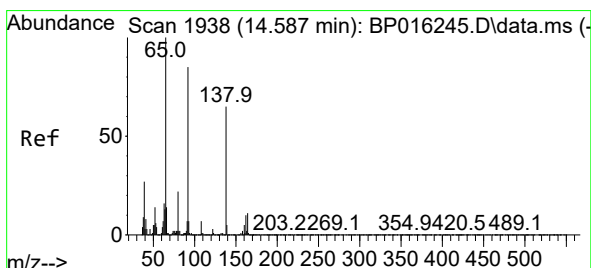
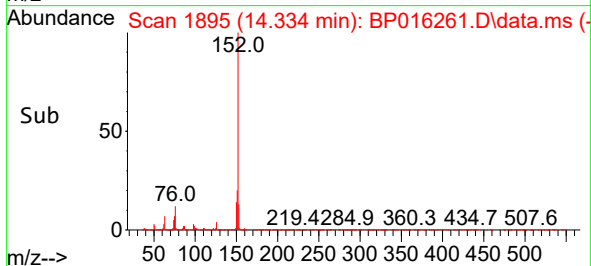
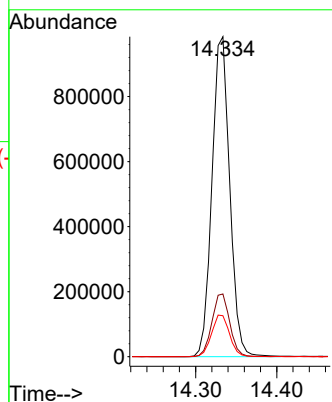


#50
Acenaphthylene
Concen: 28.232 ng/ul
RT: 14.334 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Instrument :
BNA_P
ClientSampleId :

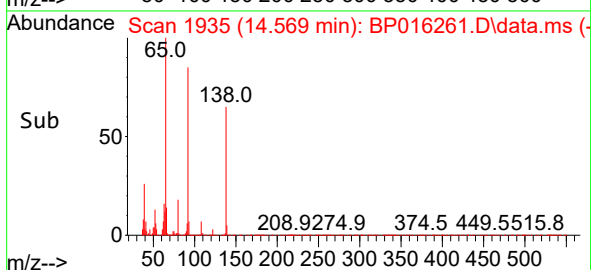
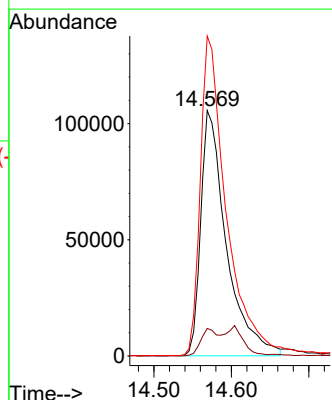
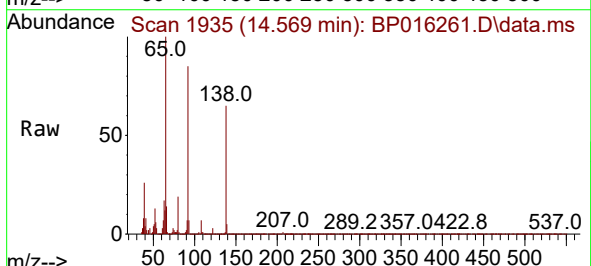


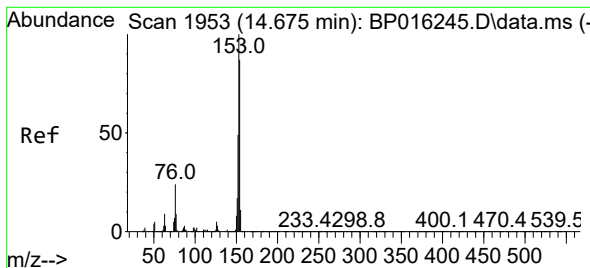
Tgt Ion:152 Resp: 1493312
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 12.8 10.2 15.4



#51
3-Nitroaniline
Concen: 29.860 ng/ul
RT: 14.569 min Scan# 1935
Delta R.T. -0.018 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion:138 Resp: 242627
Ion Ratio Lower Upper
138 100
108 11.2 9.6 14.4
92 130.3 109.0 163.4





#52

Acenaphthene

Concen: 29.136 ng/ul

RT: 14.669 min Scan# 1952

Delta R.T. -0.006 min

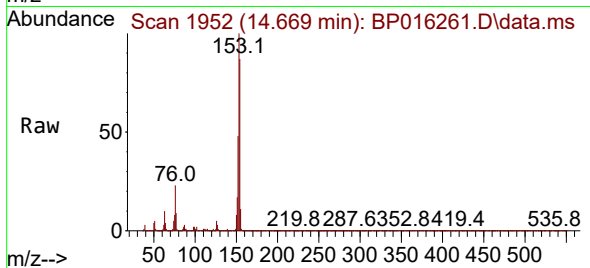
Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :



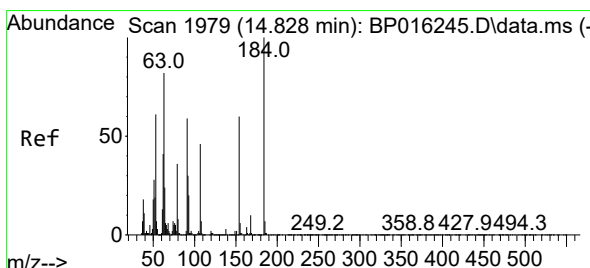
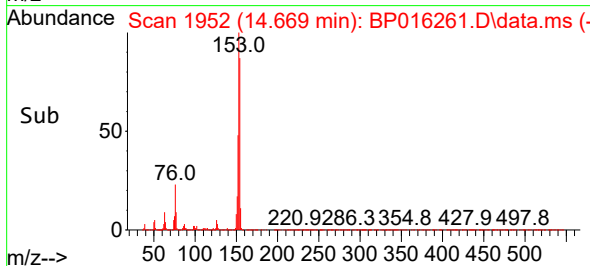
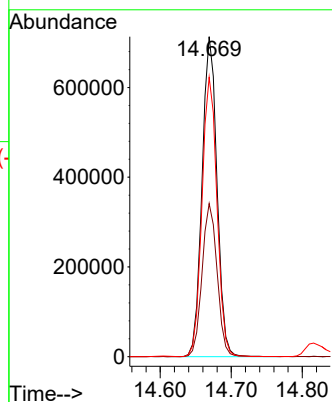
Tgt Ion:153 Resp: 1042315

Ion Ratio Lower Upper

153 100

152 47.9 37.9 56.9

154 87.3 69.3 103.9



#53

2,4-Dinitrophenol

Concen: 20.083 ng/ul

RT: 14.816 min Scan# 1977

Delta R.T. -0.012 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

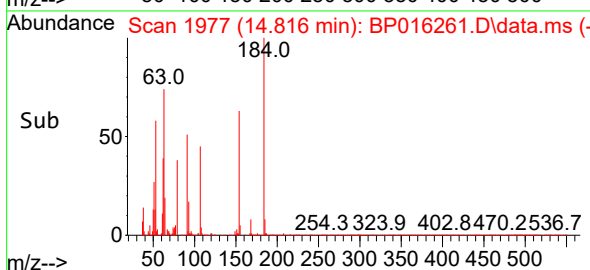
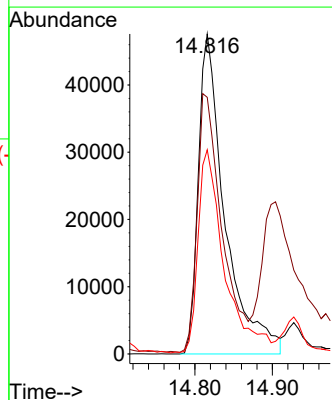
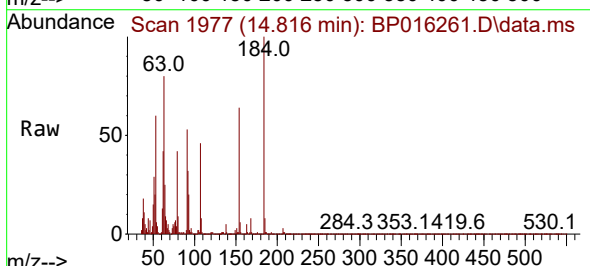
Tgt Ion:184 Resp: 112474

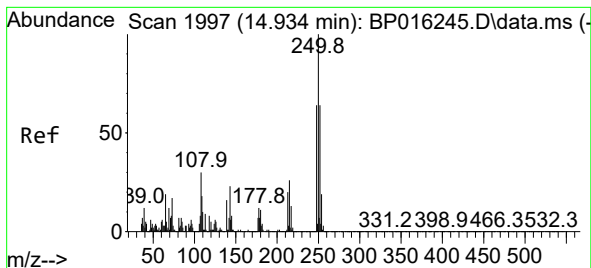
Ion Ratio Lower Upper

184 100

63 80.2 67.0 100.6

154 63.8 51.5 77.3





#55

4-Nitrophenol

Concen: 30.636 ng/ul

RT: 14.928 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

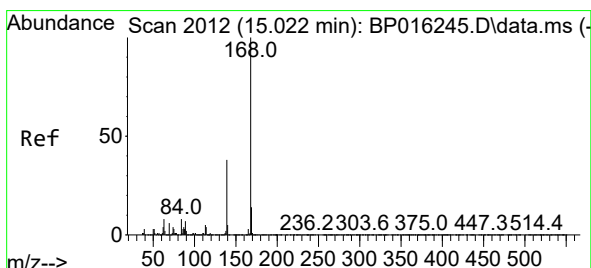
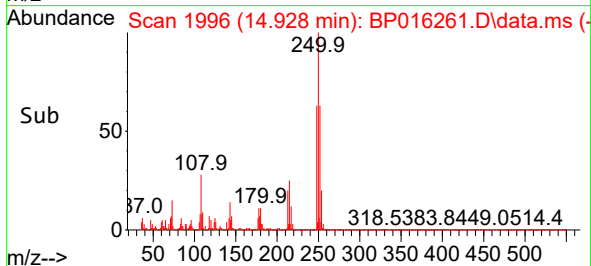
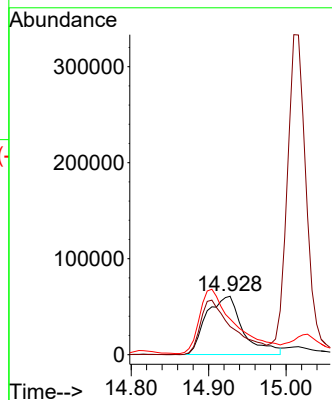
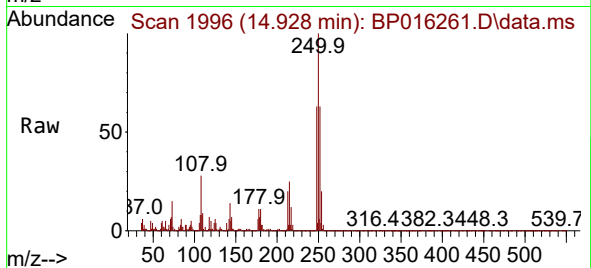
Tgt Ion:109 Resp: 199942

Ion Ratio Lower Upper

109 100

139 48.2 76.8 115.2#

65 61.0 92.2 138.4#



#56

Dibenzofuran

Concen: 29.856 ng/ul

RT: 15.016 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BP016261.D

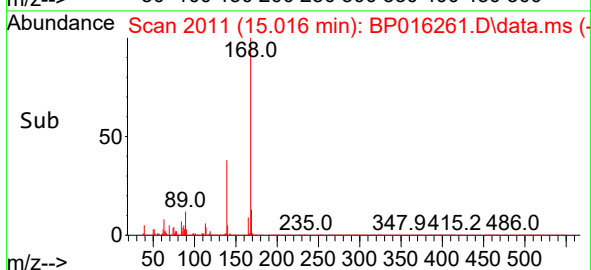
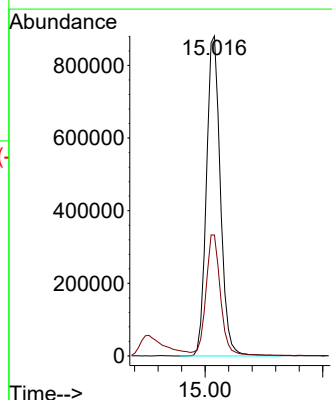
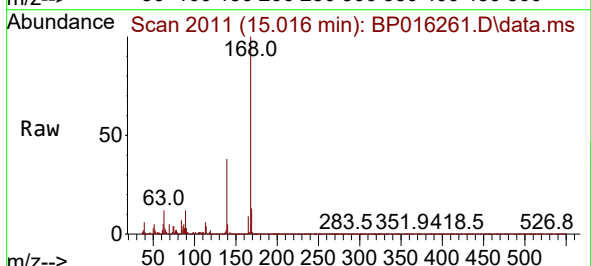
Acq: 17 Jul 2023 19:32

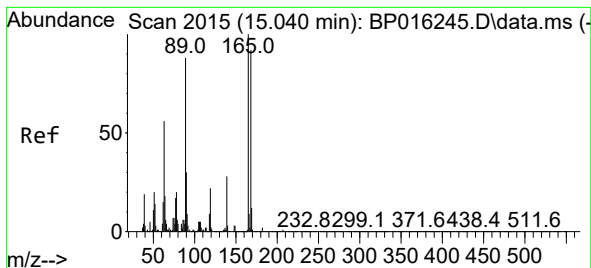
Tgt Ion:168 Resp: 1454809

Ion Ratio Lower Upper

168 100

139 37.8 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 30.894 ng/ul

RT: 15.028 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

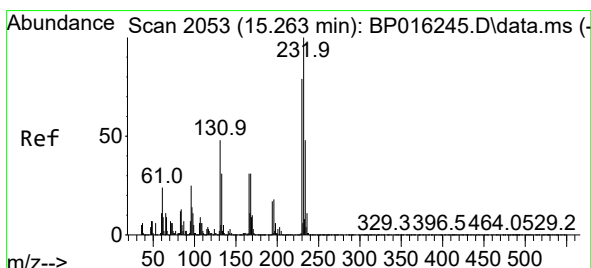
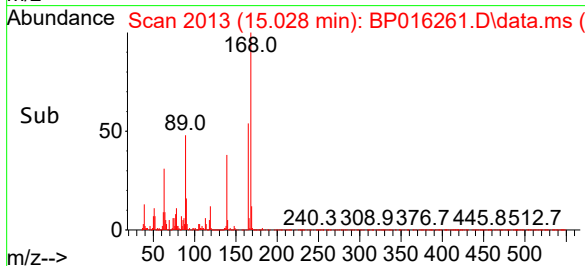
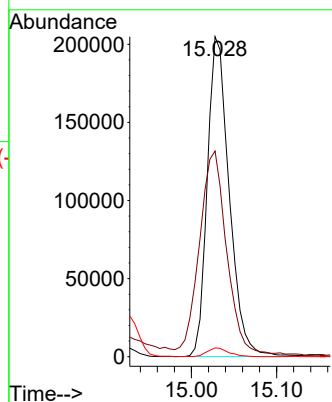
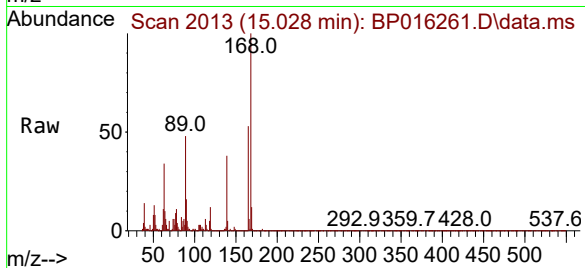
Tgt Ion:165 Resp: 364659

Ion Ratio Lower Upper

165 100

63 64.3 56.9 85.3

182 2.7 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.597 ng/ul

RT: 15.257 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Tgt Ion:232 Resp: 263952

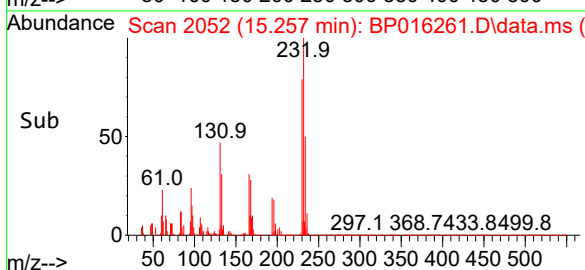
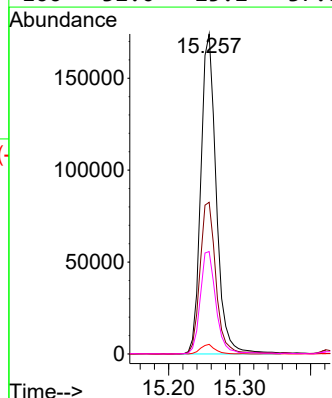
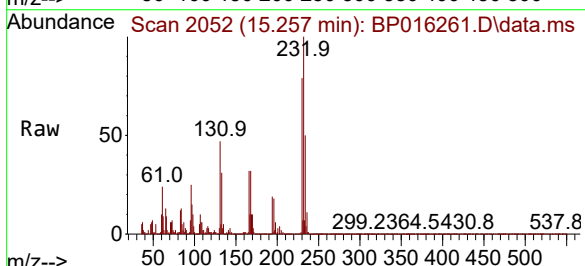
Ion Ratio Lower Upper

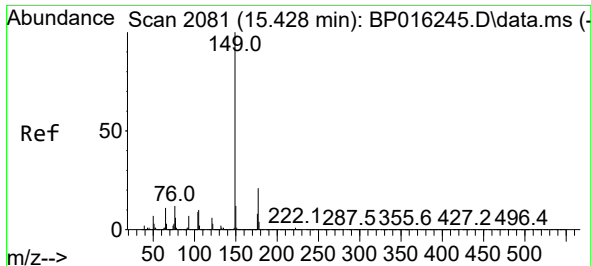
232 100

131 47.4 38.6 57.8

130 3.0 2.2 3.4

166 32.0 25.2 37.8

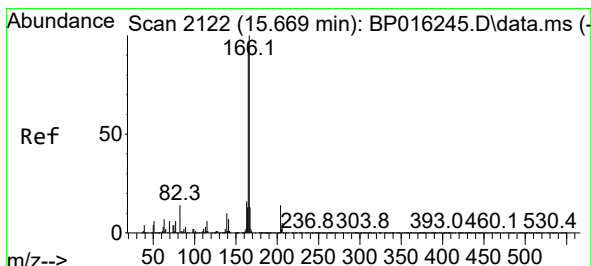
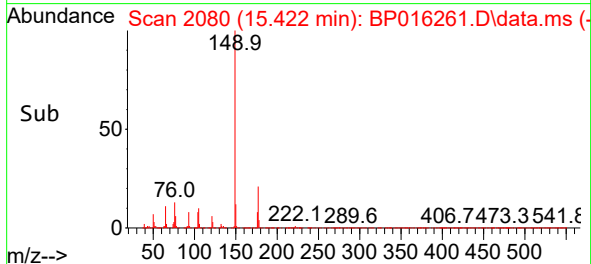
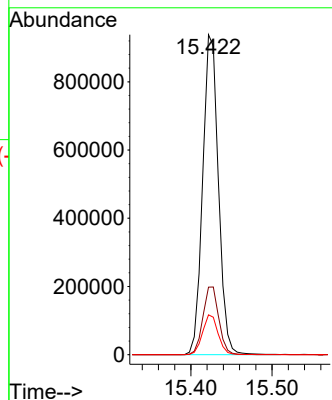
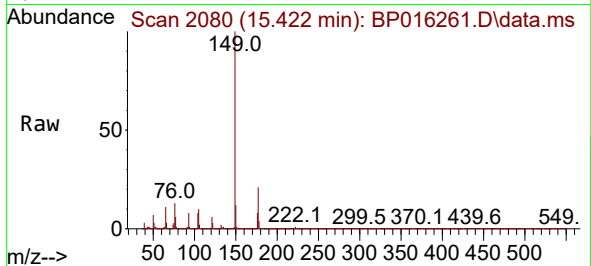




#59
Diethylphthalate
Concen: 28.574 ng/ul
RT: 15.422 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

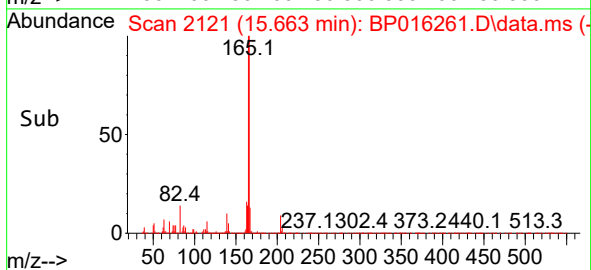
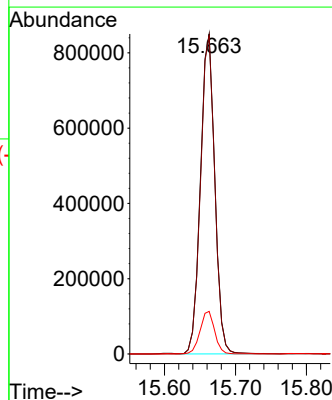
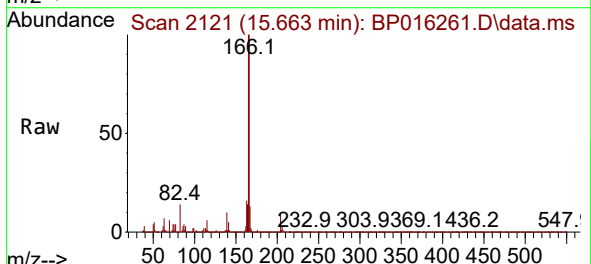
Instrument :
BNA_P
ClientSampleId :

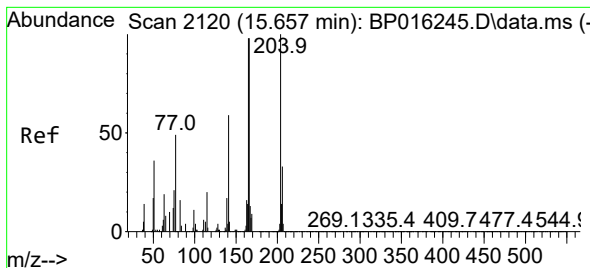
Tgt Ion:149 Resp: 1261186
Ion Ratio Lower Upper
149 100
177 21.1 17.4 26.0
150 12.5 10.2 15.2



#61
Fluorene
Concen: 29.357 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion:166 Resp: 1195044
Ion Ratio Lower Upper
166 100
165 99.5 78.6 117.8
167 13.3 11.0 16.4

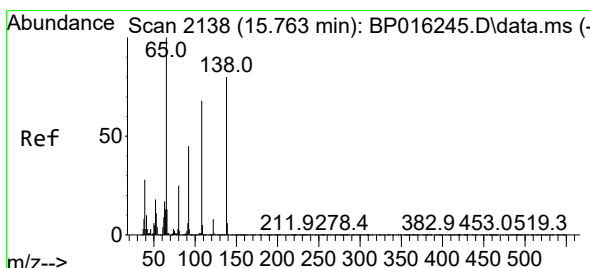
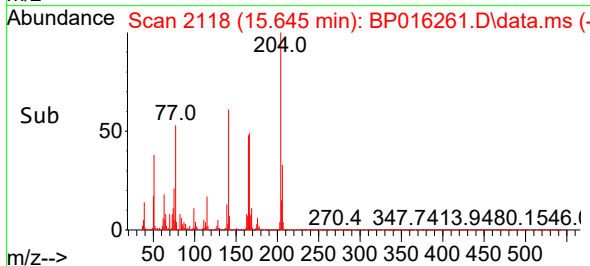
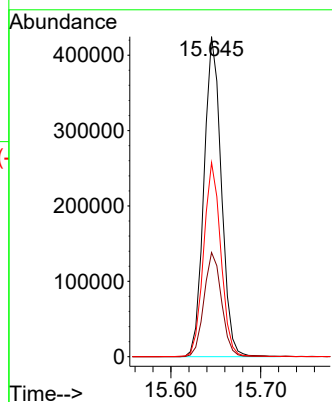
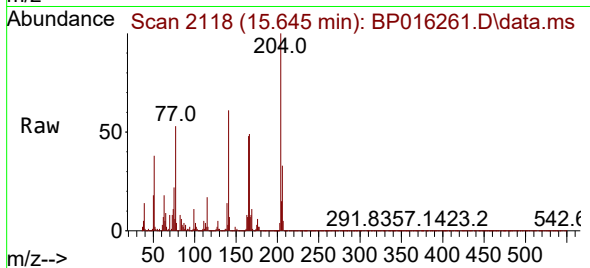




#62
4-Chlorophenyl-phenylether
Concen: 28.925 ng/ul
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

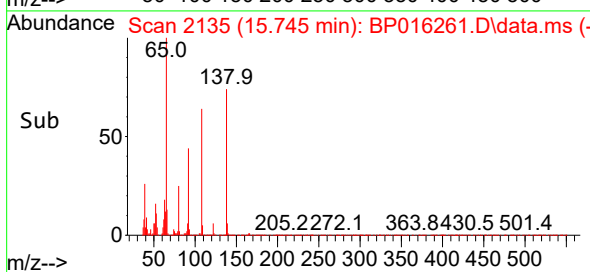
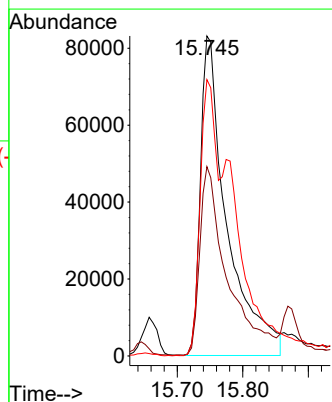
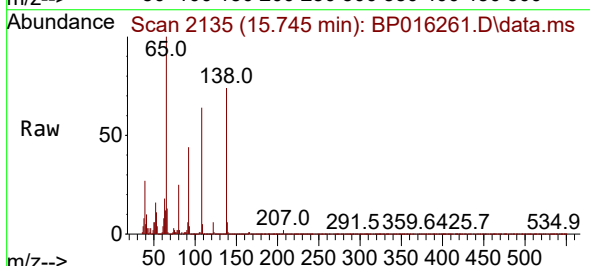
Instrument :
BNA_P
ClientSampleId :

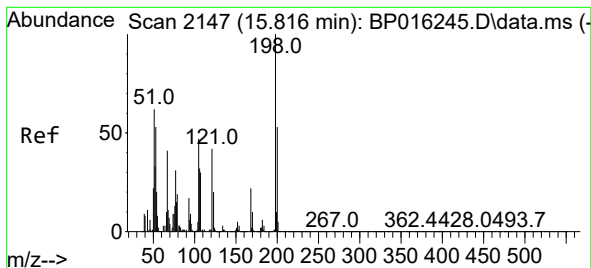
Tgt Ion:204 Resp: 569466
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.2
141 60.6 48.2 72.2



#63
4-Nitroaniline
Concen: 31.186 ng/ul
RT: 15.745 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

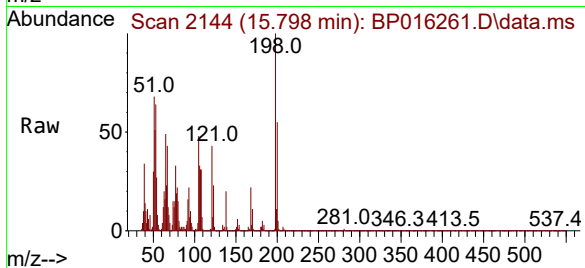
Tgt Ion:138 Resp: 232724
Ion Ratio Lower Upper
138 100
92 59.1 46.6 70.0
108 86.4 68.3 102.5



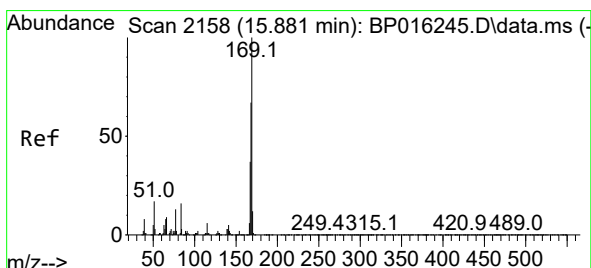
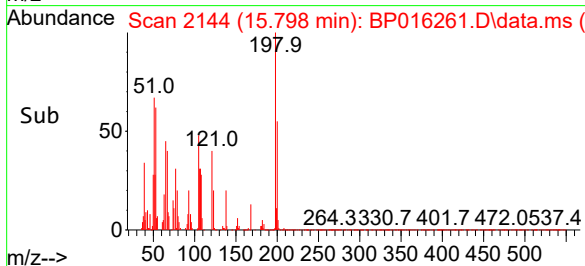
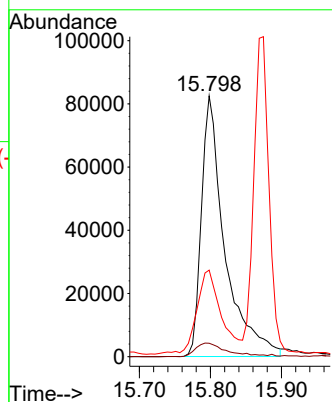


#66
 4,6-Dinitro-2-methylphenol
 Concen: 25.115 ng/ul
 RT: 15.798 min Scan# 2144
 Delta R.T. -0.012 min
 Lab File: BP016261.D
 Acq: 17 Jul 2023 19:32

Instrument :
 BNA_P
 ClientSampleId :

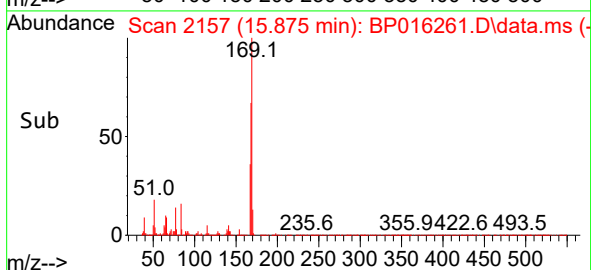
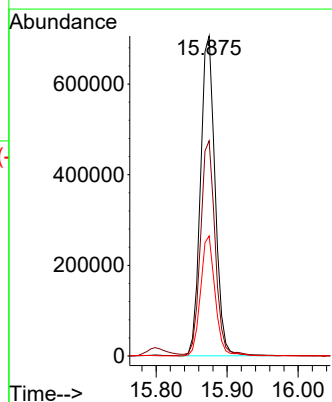
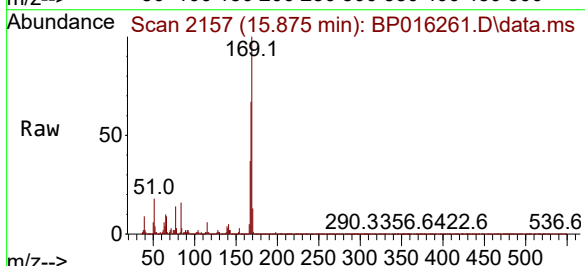


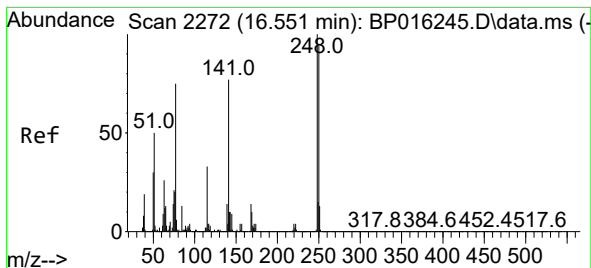
Tgt Ion:198 Resp: 189211
 Ion Ratio Lower Upper
 198 100
 182 5.2 4.3 6.5
 77 33.2 26.3 39.5



#67
 N-Nitrosodiphenylamine
 Concen: 30.526 ng/ul
 RT: 15.875 min Scan# 2157
 Delta R.T. -0.006 min
 Lab File: BP016261.D
 Acq: 17 Jul 2023 19:32

Tgt Ion:169 Resp: 1010308
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.2 81.4
 167 37.5 30.2 45.4





#68

4-Bromophenyl-phenylether

Concen: 30.232 ng/ul

RT: 16.545 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

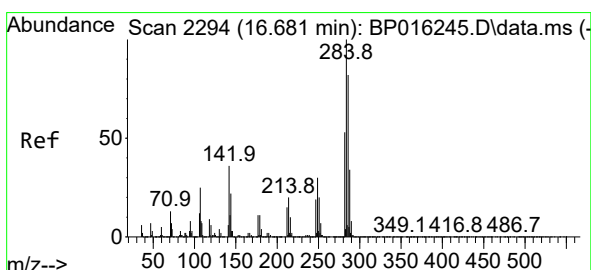
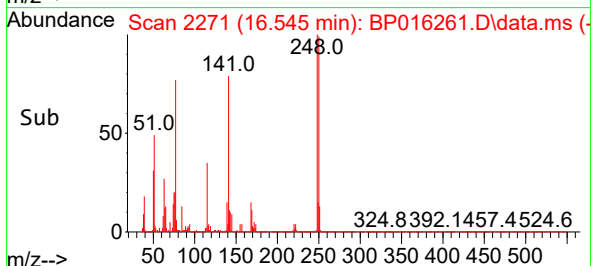
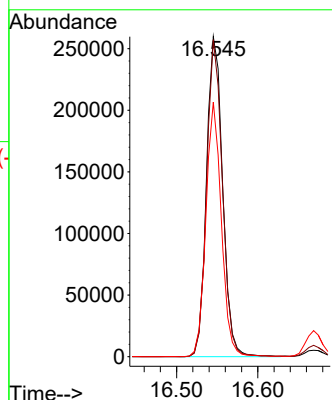
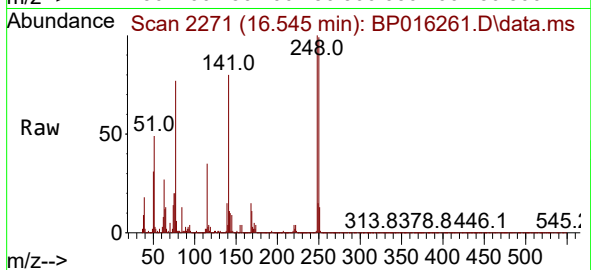
Tgt Ion:248 Resp: 358747

Ion Ratio Lower Upper

248 100

250 99.1 78.4 117.6

141 79.5 61.4 92.2



#69

Hexachlorobenzene

Concen: 29.339 ng/ul

RT: 16.669 min Scan# 2292

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

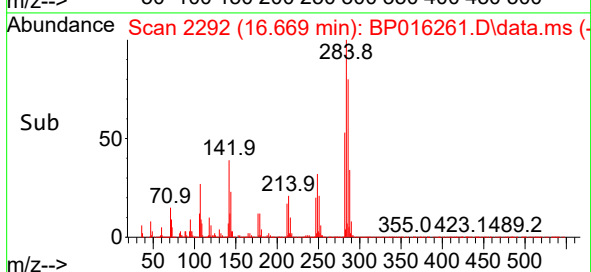
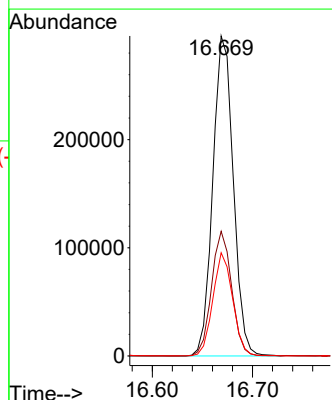
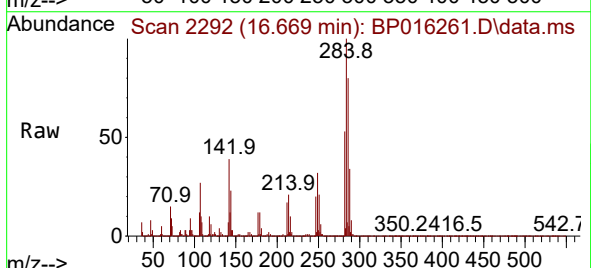
Tgt Ion:284 Resp: 419258

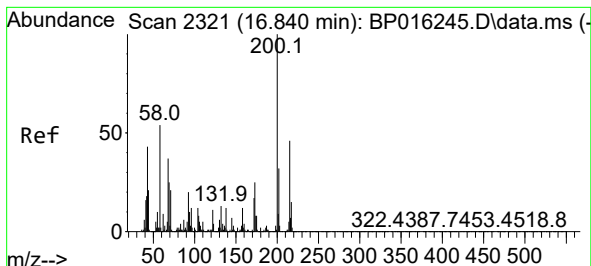
Ion Ratio Lower Upper

284 100

142 39.0 30.2 45.4

249 32.2 25.0 37.4





#70

Atrazine

Concen: 9.947 ng/ul

RT: 16.839 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

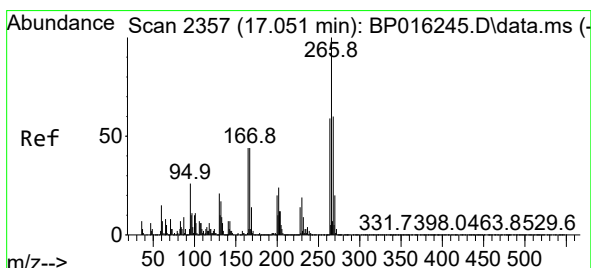
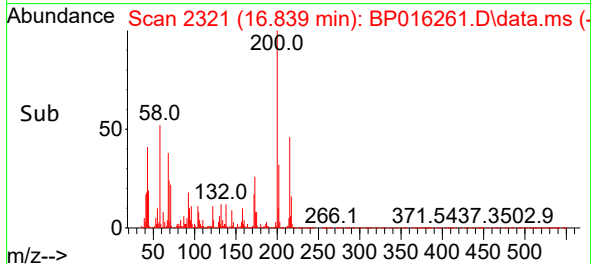
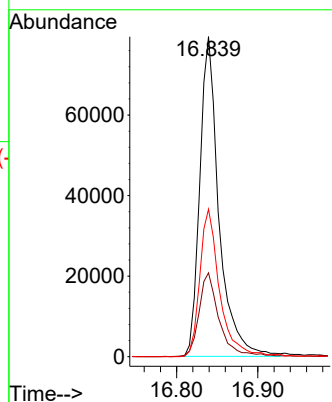
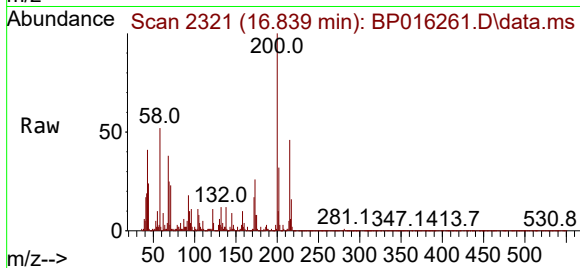
Tgt Ion:200 Resp: 130539

Ion Ratio Lower Upper

200 100

173 26.2 21.8 32.8

215 46.1 38.7 58.1



#71

Pentachlorophenol

Concen: 24.174 ng/ul

RT: 17.045 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

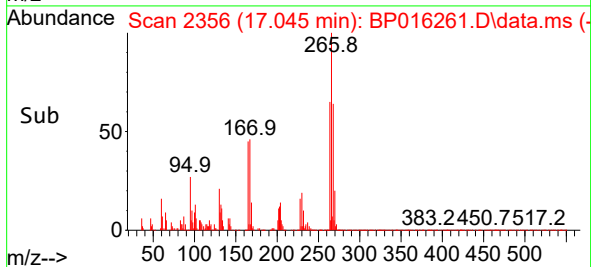
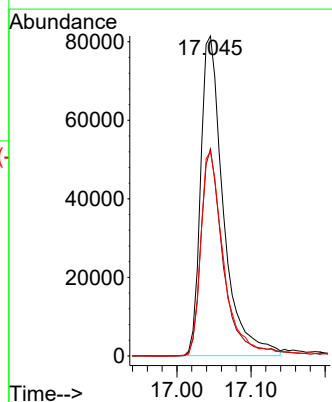
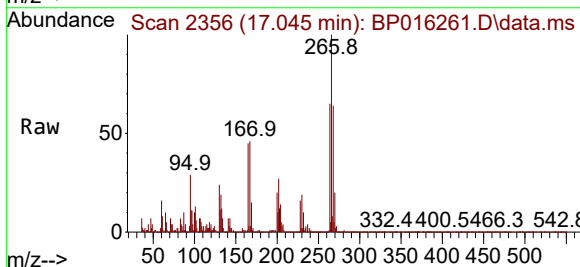
Tgt Ion:266 Resp: 173230

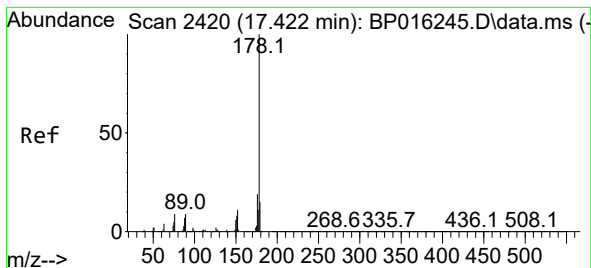
Ion Ratio Lower Upper

266 100

264 64.7 49.8 74.8

268 63.9 49.5 74.3





#72

Phenanthrene

Concen: 30.002 ng/ul

RT: 17.416 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

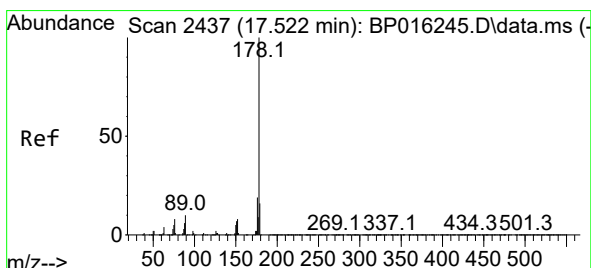
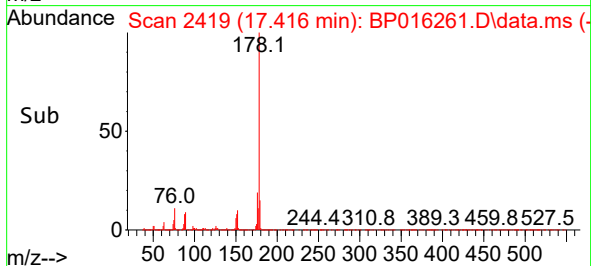
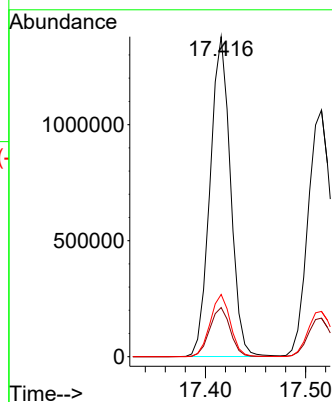
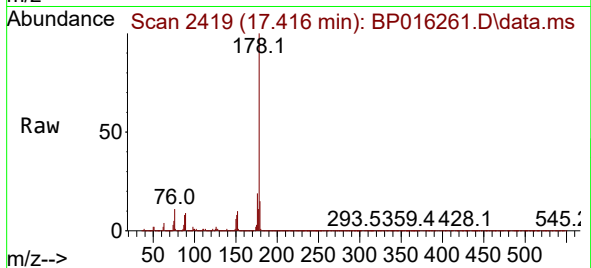
Tgt Ion:178 Resp: 1951931

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.4 15.6 23.4



#74

Anthracene

Concen: 29.480 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

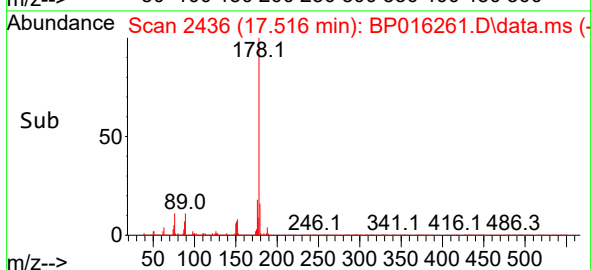
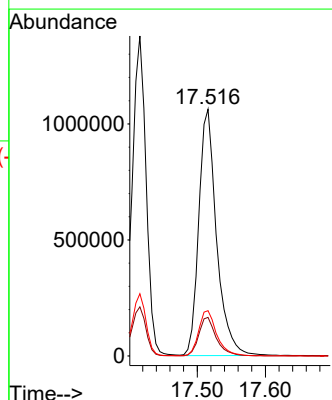
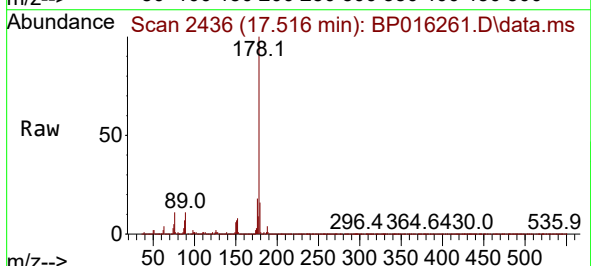
Tgt Ion:178 Resp: 1927209

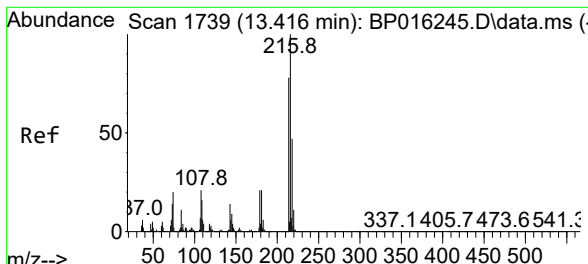
Ion Ratio Lower Upper

178 100

179 15.6 11.9 17.9

176 18.3 15.0 22.4



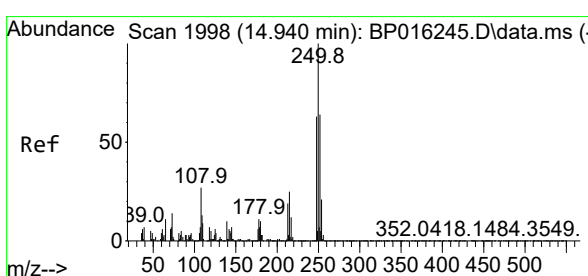
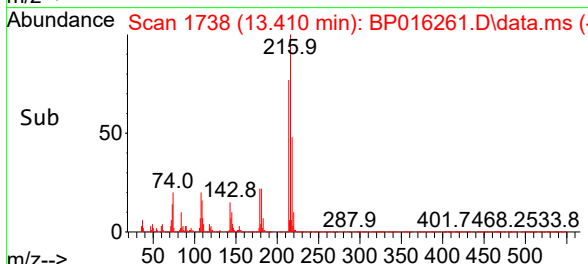
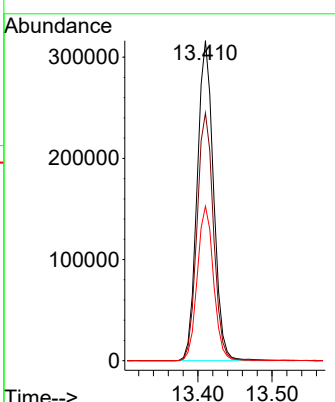
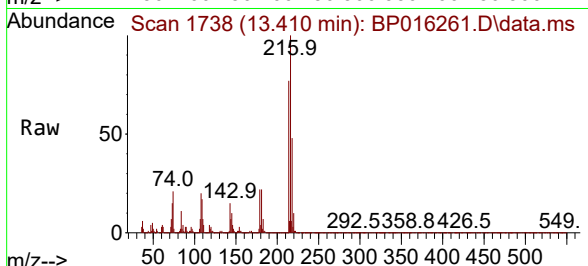


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 29.571 ng/uL
 RT: 13.410 min Scan# 1738
 Delta R.T. -0.006 min
 Lab File: BP016261.D
 Acq: 17 Jul 2023 19:32

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:216 Resp: 484734

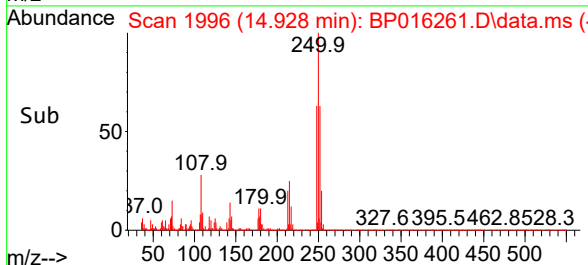
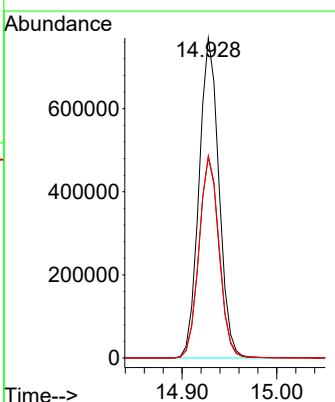
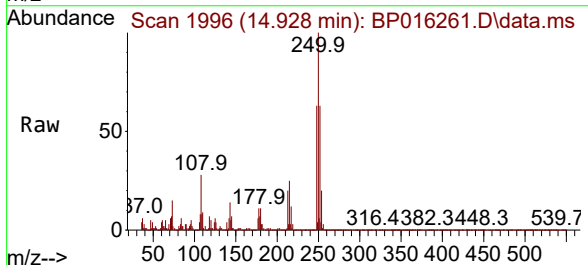
Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.6	94.0
218	48.3	38.5	57.7

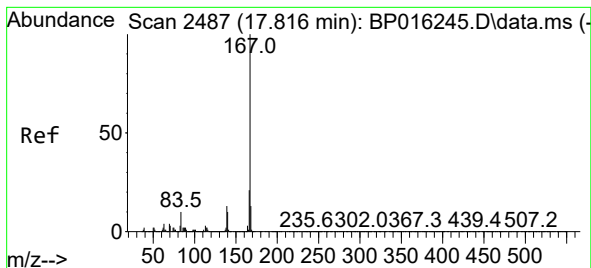


#76
 Pentachlorobenzene
 Concen: 72.540 ng/uL
 RT: 14.928 min Scan# 1996
 Delta R.T. -0.012 min
 Lab File: BP016261.D
 Acq: 17 Jul 2023 19:32

Tgt Ion:250 Resp: 1122398

Ion	Ratio	Lower	Upper
250	100		
248	62.8	50.5	75.7
252	63.2	51.7	77.5





#77

Carbazole

Concen: 30.391 ng/ul

RT: 17.804 min Scan# 2485

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

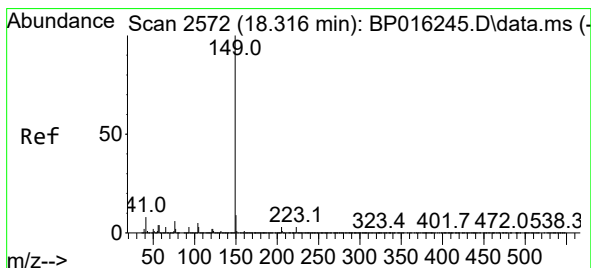
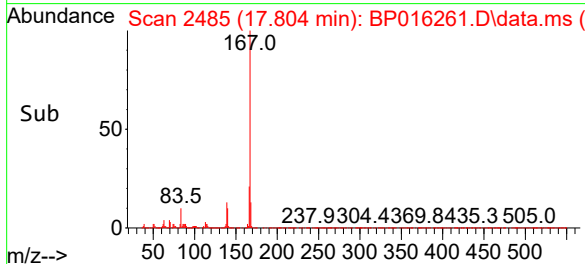
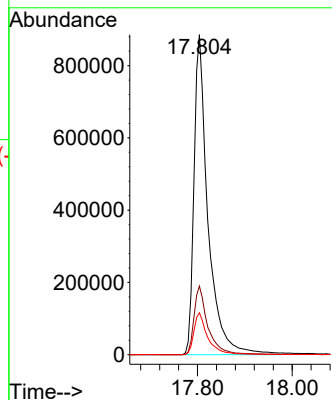
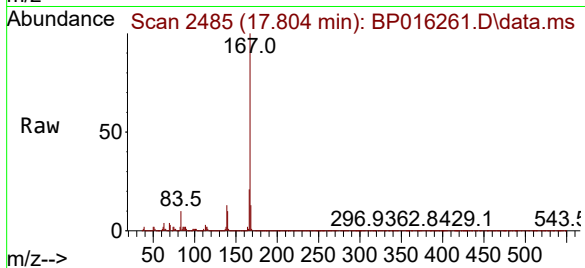
Tgt Ion:167 Resp: 1811445

Ion Ratio Lower Upper

167 100

166 21.5 16.8 25.2

139 13.1 10.2 15.4



#78

Di-n-butylphthalate

Concen: 30.153 ng/ul

RT: 18.310 min Scan# 2571

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

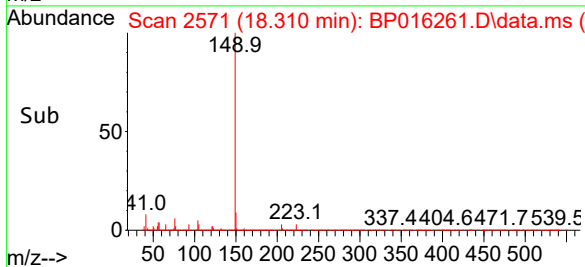
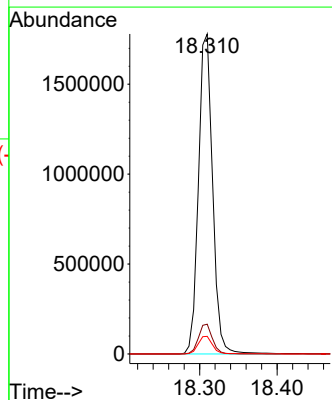
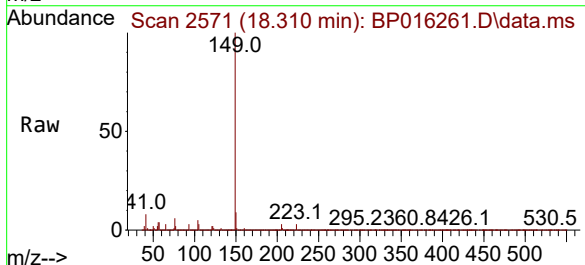
Tgt Ion:149 Resp: 2251412

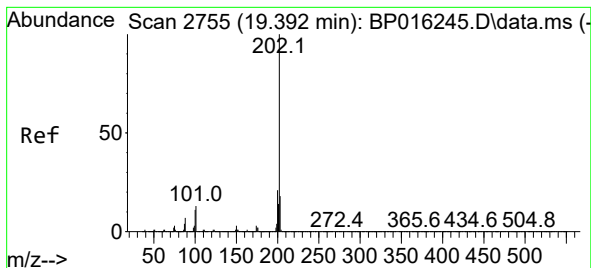
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.5 4.6 7.0





#80

Fluoranthene

Concen: 30.878 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

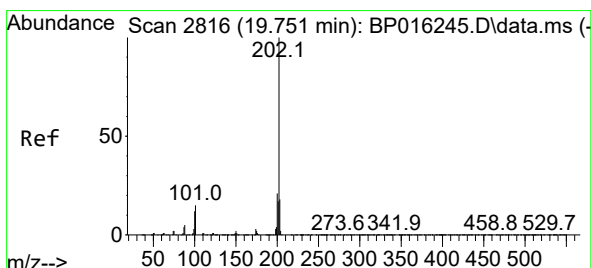
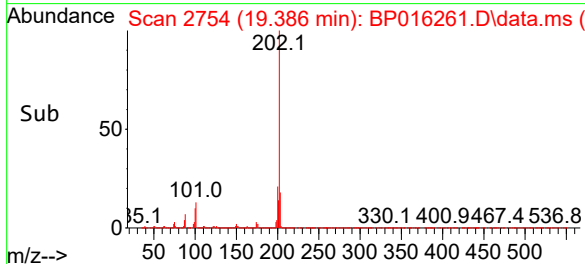
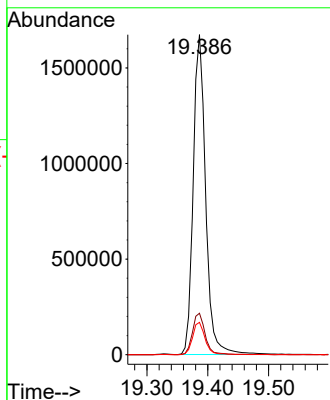
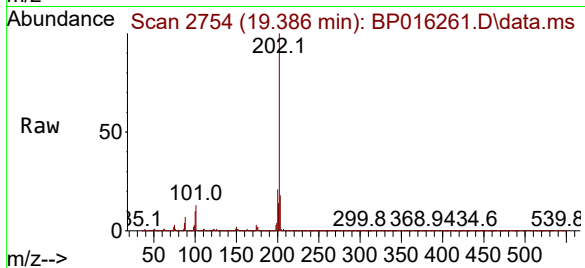
Tgt Ion:202 Resp: 2375124

Ion Ratio Lower Upper

202 100

101 13.0 10.4 15.6

100 10.1 8.2 12.4



#82

Pyrene

Concen: 30.672 ng/ul

RT: 19.745 min Scan# 2815

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

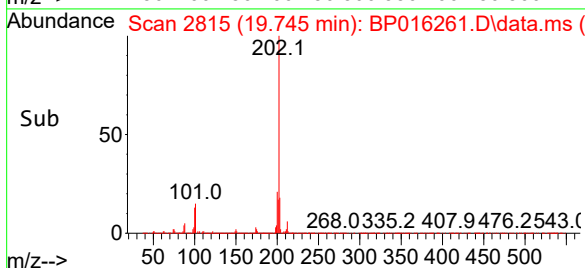
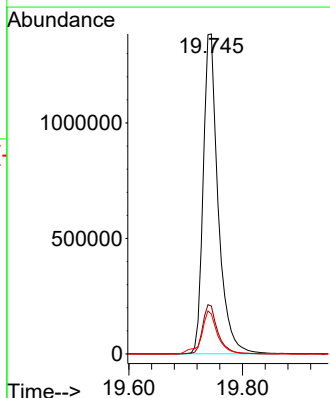
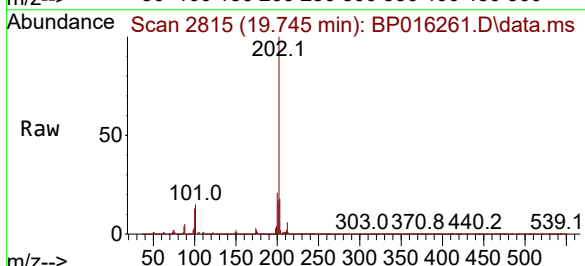
Tgt Ion:202 Resp: 2518882

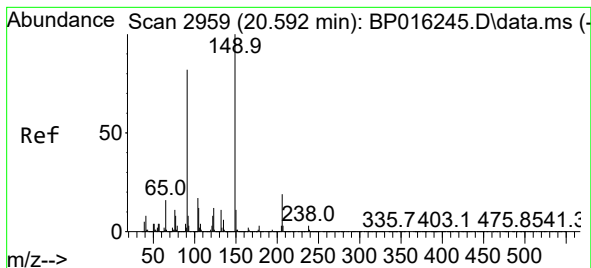
Ion Ratio Lower Upper

202 100

101 15.0 12.4 18.6

100 12.5 10.5 15.7





#83

Butylbenzylphthalate

Concen: 31.089 ng/ul

RT: 20.586 min Scan# 2958

Delta R.T. -0.000 min

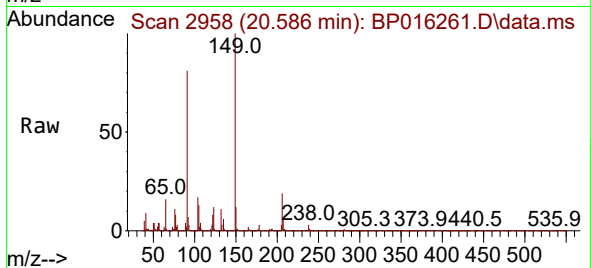
Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :



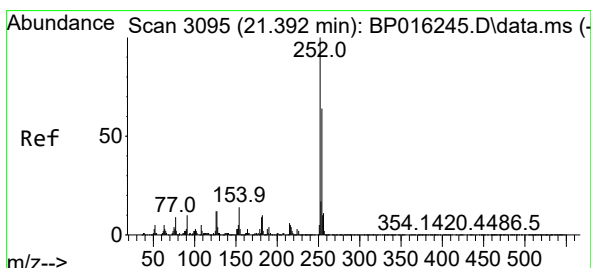
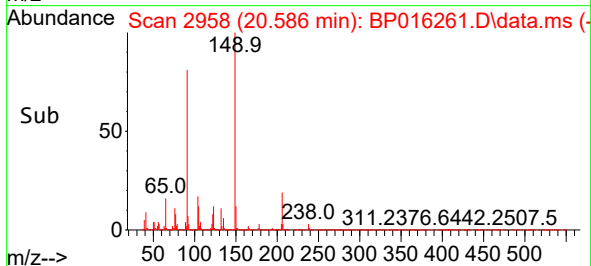
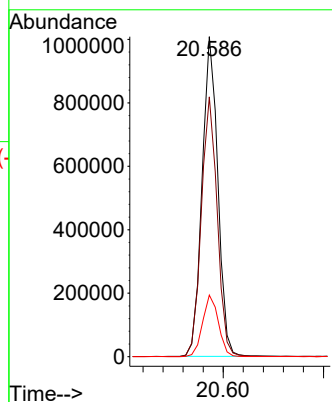
Tgt Ion:149 Resp: 1101097

Ion Ratio Lower Upper

149 100

91 81.2 67.1 100.7

206 19.3 15.0 22.4



#84

3,3'-Dichlorobenzidine

Concen: 27.656 ng/ul

RT: 21.386 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

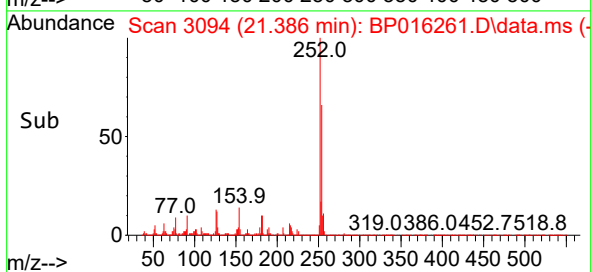
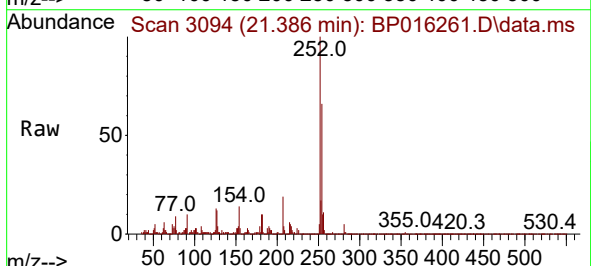
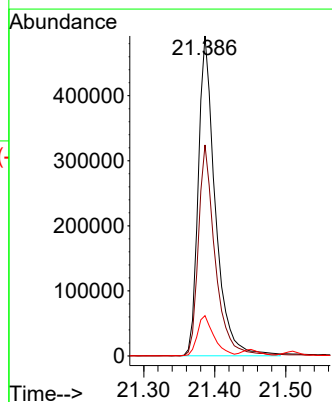
Tgt Ion:252 Resp: 819141

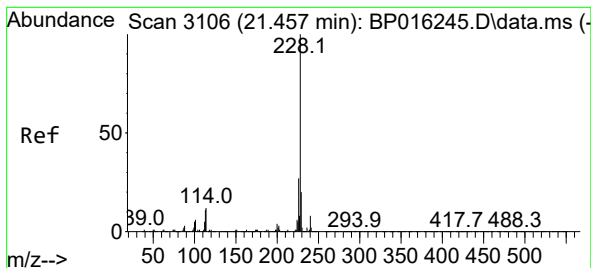
Ion Ratio Lower Upper

252 100

254 65.9 50.6 76.0

126 12.6 9.4 14.0





#85

Benzo(a)anthracene

Concen: 30.460 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

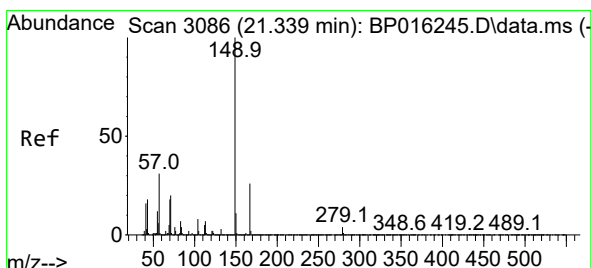
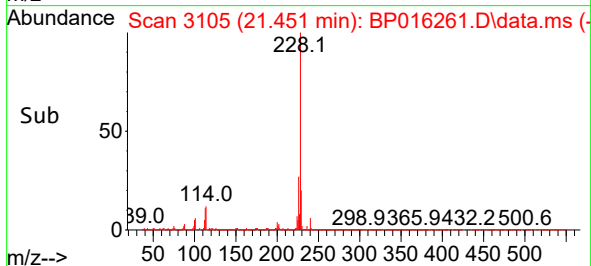
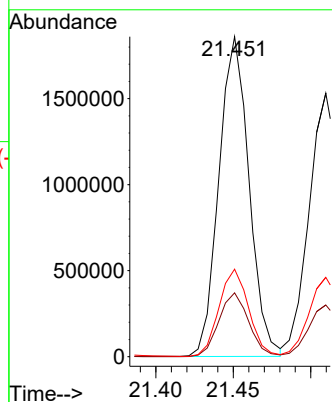
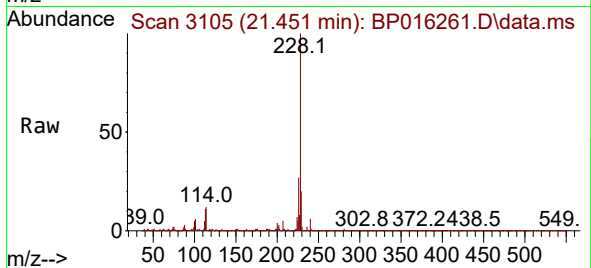
Tgt Ion:228 Resp: 2514434

Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

226 27.3 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.818 ng/ul

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

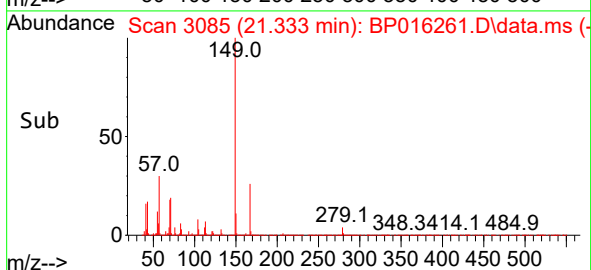
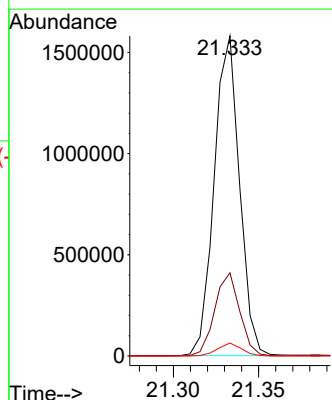
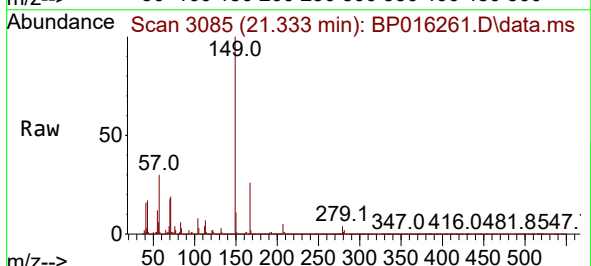
Tgt Ion:149 Resp: 1630555

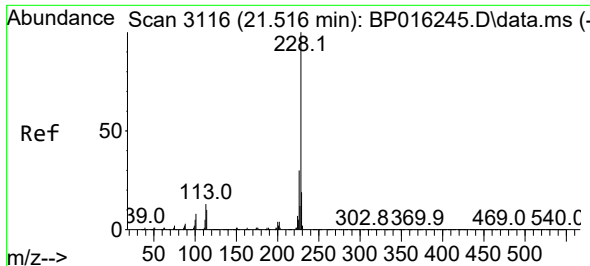
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

279 4.0 3.0 4.6

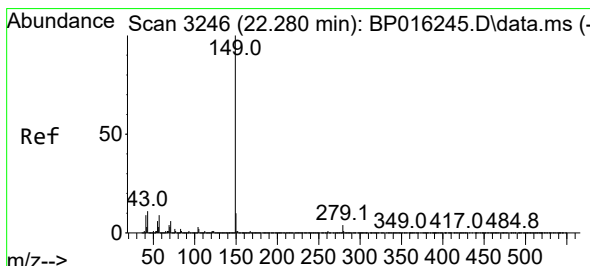
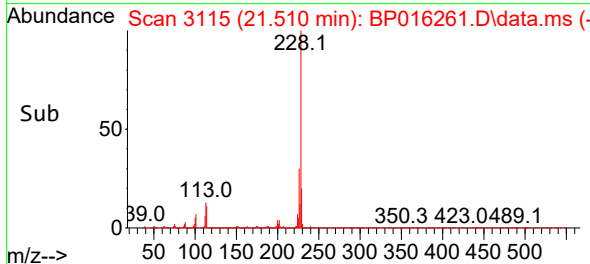
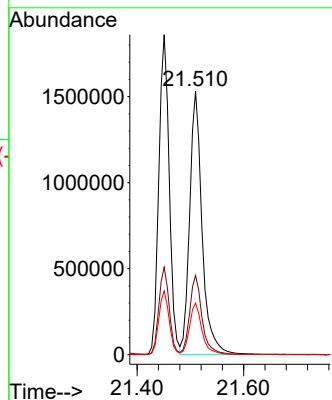
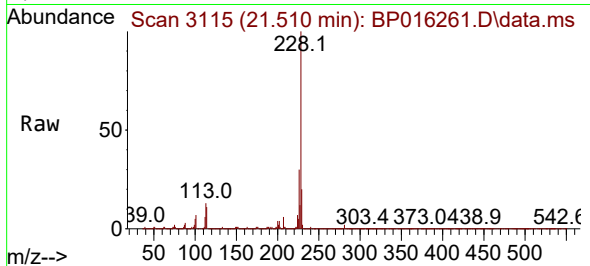




#87
Chrysene
Concen: 29.639 ng/ul
RT: 21.510 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

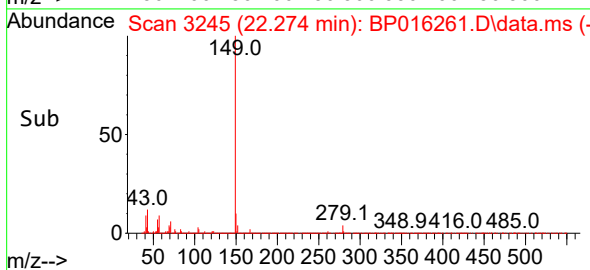
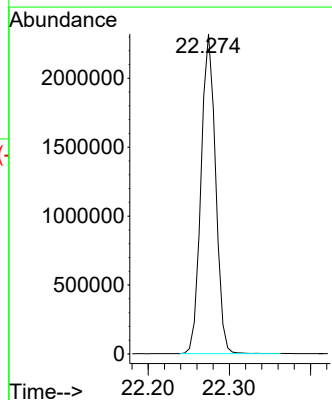
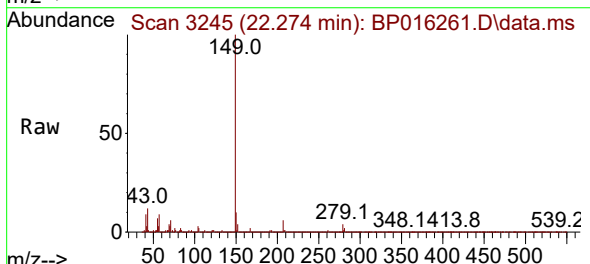
Instrument :
BNA_P
ClientSampleId :

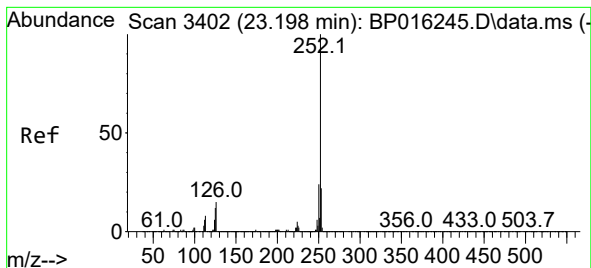
Tgt Ion:228 Resp: 2478514
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.6 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 33.272 ng/ul
RT: 22.274 min Scan# 3245
Delta R.T. -0.000 min
Lab File: BP016261.D
Acq: 17 Jul 2023 19:32

Tgt Ion:149 Resp: 2887646





#90

Benzo(b)fluoranthene

Concen: 32.389 ng/ul

RT: 23.192 min Scan# 34

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

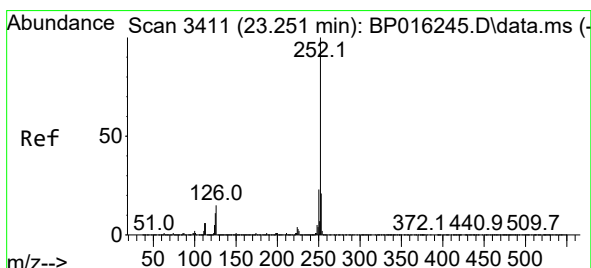
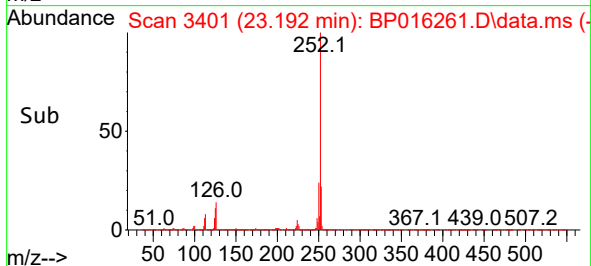
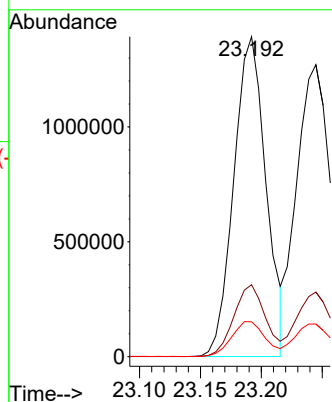
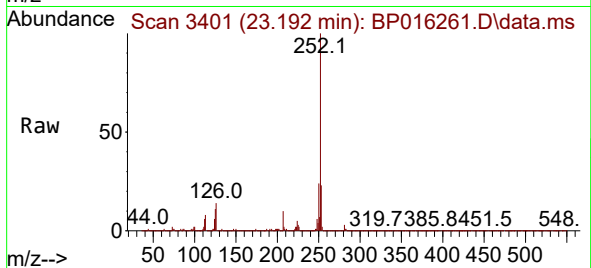
Tgt Ion:252 Resp: 2563516

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 10.9 9.4 14.0



#91

Benzo(k)fluoranthene

Concen: 32.161 ng/ul

RT: 23.245 min Scan# 3410

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

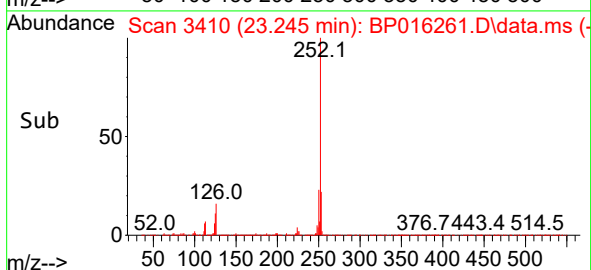
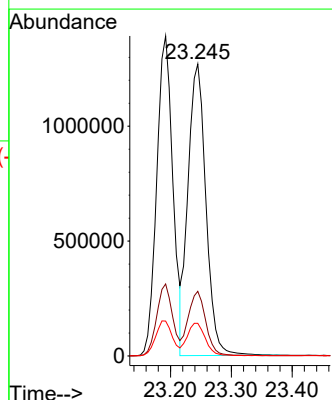
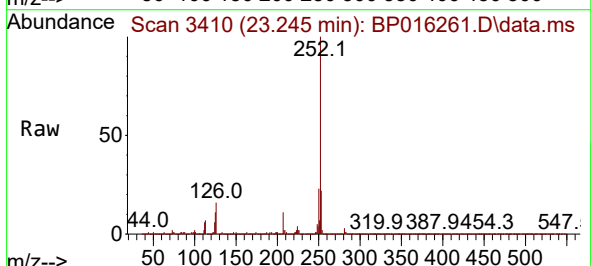
Tgt Ion:252 Resp: 2590361

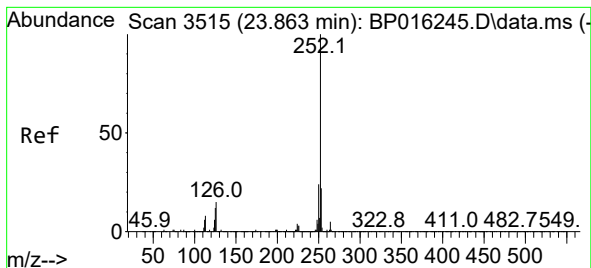
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.2 9.3 13.9





#93

Benzo(a)pyrene

Concen: 28.691 ng/ul

RT: 23.851 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

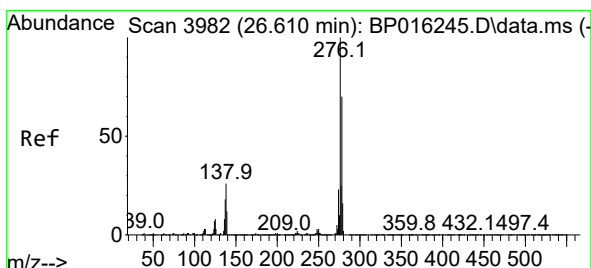
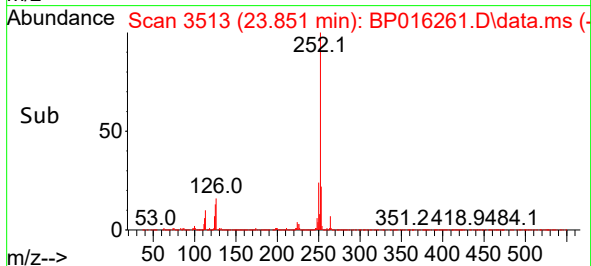
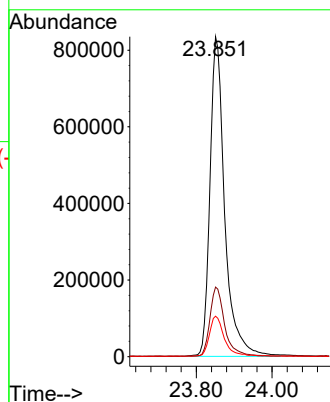
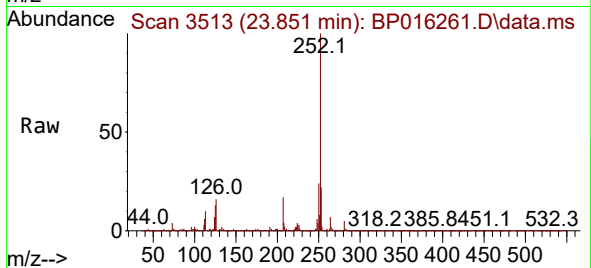
Tgt Ion:252 Resp: 2249548

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 12.6 9.8 14.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.005 ng/ul

RT: 26.592 min Scan# 3979

Delta R.T. -0.006 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

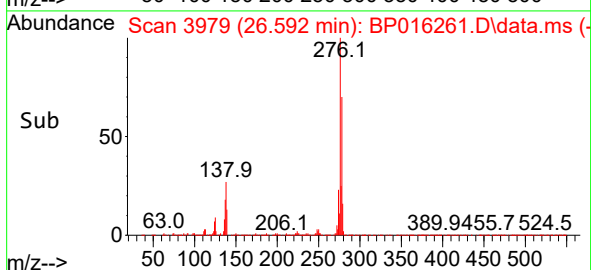
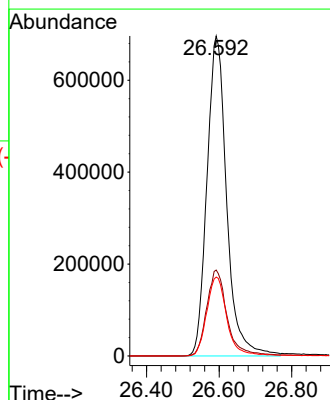
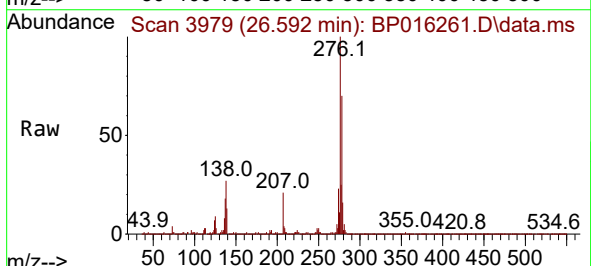
Tgt Ion:276 Resp: 2621831

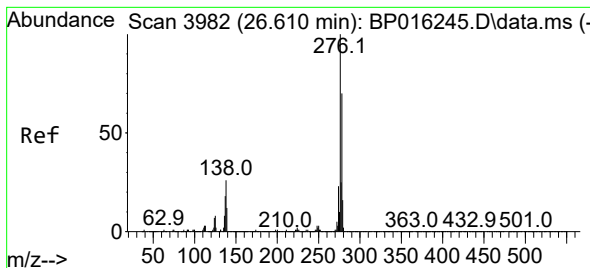
Ion Ratio Lower Upper

276 100

138 26.9 20.8 31.2

277 24.7 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 27.205 ng/ul

RT: 26.598 min Scan# 3980

Delta R.T. -0.000 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Instrument :

BNA_P

ClientSampleId :

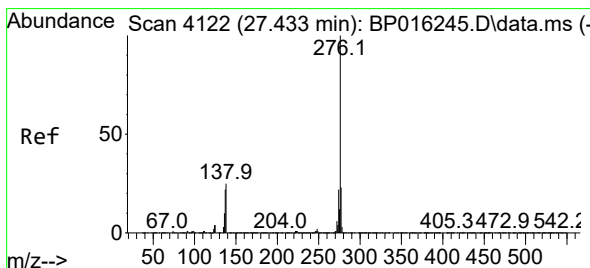
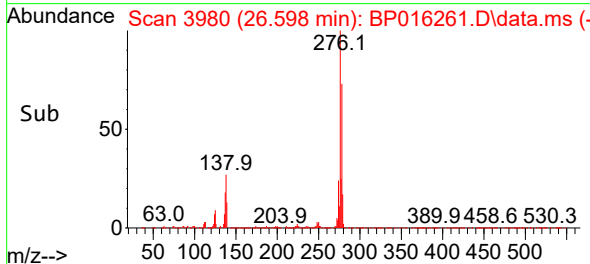
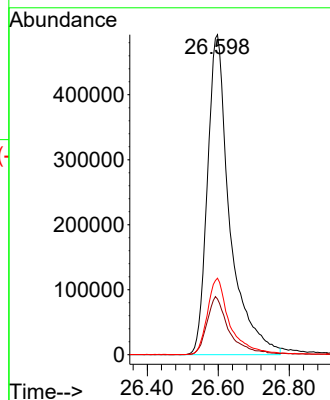
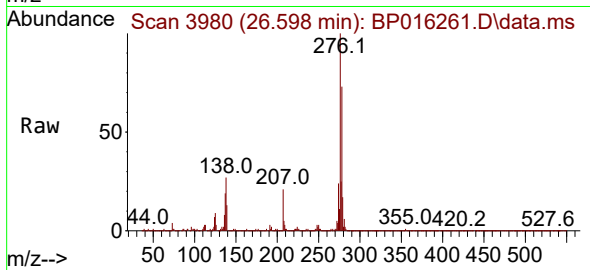
Tgt Ion:278 Resp: 2154444

Ion Ratio Lower Upper

278 100

139 17.4 13.9 20.9

279 23.9 18.2 27.4



#96

Benzo(g,h,i)perylene

Concen: 26.643 ng/ul

RT: 27.415 min Scan# 4119

Delta R.T. -0.012 min

Lab File: BP016261.D

Acq: 17 Jul 2023 19:32

Tgt Ion:276 Resp: 2064685

Ion Ratio Lower Upper

276 100

138 23.1 19.0 28.4

277 23.1 19.0 28.4

