

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017118.D
 Acq On : 12 Sep 2023 14:48
 Operator : MA/JU
 Sample : SST08053
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 12 22:49:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 22:45:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	236040	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	1045168	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	661271	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1503712	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1475430	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1574403	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	190243	33.870	ng/uL	0.00
4) Pyridine-d5	3.746	84	1397385	86.966	ng/u1	0.00
7) Phenol-d5	7.116	99	1679335	87.497	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.305	67	1014798	84.593	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	1379720	90.110	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	1393228	87.588	ng/u1	0.01
21) Nitrobenzene-d5	9.163	128	684642	93.549	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	765216	97.939	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	1371162	90.744	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	1975086	86.722	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	4061807	86.316	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	4724209	88.476	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	826880	90.917	ng/u1	0.02
60) Fluorene-d10	15.622	176	3476309	85.437	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	785668	93.518	ng/u1	0.01
73) Anthracene-d10	17.492	188	5508436	86.218	ng/u1	0.00
81) Pyrene-d10	19.733	212	6665371	86.139	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.863	264	6682868	89.933	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	204078	33.788	ng/uL	96
5) Pyridine	3.769	79	1437459	86.367	ng/u1	97
6) Benzaldehyde	7.116	77	783422	73.316	ng/u1	97
8) Phenol	7.140	94	1770438	87.461	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.399	93	1374055	85.106	ng/u1	99
12) 2-Chlorophenol	7.516	128	1375218	88.486	ng/u1	99
13) 2-Methylphenol	8.405	108	1327001	87.935	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1188806	58.581	ng/u1	100
16) Acetophenone	8.816	105	2135995	85.793	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.799	70	1092060	85.357	ng/u1	98
18) 4-Methylphenol	8.752	108	1454412	87.112	ng/u1	95
19) Hexachloroethane	9.028	117	548043	85.742	ng/u1	92
22) Nitrobenzene	9.204	77	1650060	86.576	ng/u1	98
23) Isophorone	9.728	82	3135664	87.795	ng/u1	99
25) 2-Nitrophenol	9.910	139	814084	93.747	ng/u1	96
26) 2,4-Dimethylphenol	9.951	107	1524708	86.154	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.210	93	1865259	83.326	ng/u1	99
29) 2,4-Dichlorophenol	10.428	162	1349582	88.236	ng/u1	98
30) Naphthalene	10.840	128	4399360	83.182	ng/u1	100
32) 4-Chloroaniline	10.975	127	1919357	86.361	ng/u1	98
33) Hexachlorobutadiene	11.069	225	868799	83.652	ng/u1	98
34) Caprolactam	11.834	113	279150	60.365	ng/u1	94
35) 4-Chloro-3-methylphenol	12.081	107	1479562	89.405	ng/u1	99
36) 2-Methylnaphthalene	12.445	142	3038014	85.129	ng/u1	99

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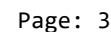
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 BNA_P
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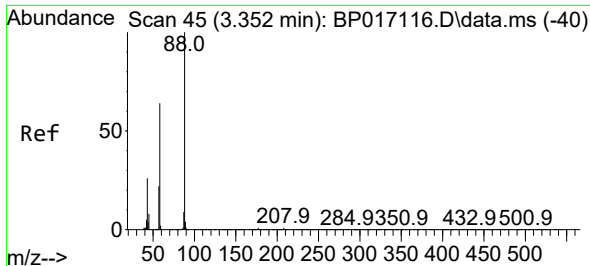
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	3067371	84.913	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	1697884	86.208	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	1053299	85.835	ng/ul	99
41) 2,4,6-Trichlorophenol	13.051	196	1138043	90.958	ng/ul	98
42) 2,4,5-Trichlorophenol	13.122	196	1231847	92.608	ng/ul	100
43) 1,1'-Biphenyl	13.457	154	3958965	83.491	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	3181932	84.500	ng/ul	99
45) 2-Nitroaniline	13.745	65	982196	96.296	ng/ul	94
47) Dimethylphthalate	14.087	163	4053030	84.844	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	868599	99.485	ng/ul	97
50) Acenaphthylene	14.351	152	5226389	84.727	ng/ul	99
51) 3-Nitroaniline	14.575	138	817823	87.535	ng/ul	96
52) Acenaphthene	14.687	153	3417580	83.726	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	565493	92.445	ng/ul	97
55) 4-Nitrophenol	14.869	109	639852	87.902	ng/ul	95
56) Dibenzofuran	15.028	168	4561611	80.867	ng/ul	98
57) 2,4-Dinitrotoluene	15.016	165	1236576	95.089	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.239	232	1073772	92.017	ng/ul	97
59) Diethylphthalate	15.445	149	4060595	86.095	ng/ul	98
61) Fluorene	15.675	166	3765287	80.737	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	1933574	81.548	ng/ul	99
63) 4-Nitroaniline	15.751	138	750871	86.449	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.775	198	840167	93.184	ng/ul#	89
67) N-Nitrosodiphenylamine	15.892	169	3309365	84.641	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	1278551	89.199	ng/ul	95
69) Hexachlorobenzene	16.651	284	1474451	86.907	ng/ul	97
70) Atrazine	16.851	200	1212838	85.694	ng/ul	99
71) Pentachlorophenol	17.016	266	997999	90.514	ng/ul	99
72) Phenanthrene	17.439	178	6271041	82.986	ng/ul	99
74) Anthracene	17.533	178	6393548	83.536	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	1789758	86.084	ng/uL	99
76) Pentachlorobenzene	14.916	250	1610799	85.383	ng/uL	99
77) Carbazole	17.816	167	5821633	86.625	ng/ul	99
78) Di-n-butylphthalate	18.322	149	6888977	89.956	ng/ul	99
80) Fluoranthene	19.404	202	7639686	84.470	ng/ul	100
82) Pyrene	19.763	202	7814623	81.773	ng/ul	99
83) Butylbenzylphthalate	20.616	149	3224121	94.595	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	2655560	87.790	ng/ul	99
85) Benzo(a)anthracene	21.474	228	8175757	84.631	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	4510962	94.283	ng/ul	98
87) Chrysene	21.533	228	7536568	83.866	ng/ul	97
89) Di-n-octyl phthalate	22.321	149	7848524	89.905	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	8218263	88.557	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	7958381	86.263	ng/ul	99
93) Benzo(a)pyrene	23.921	252	7569578	87.918	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.721	276	8159414	85.582	ng/ul	99
95) Dibenzo(a,h)anthracene	26.751	278	6887045	85.993	ng/ul	99
96) Benzo(g,h,i)perylene	27.562	276	6128921	83.136	ng/ul	99

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

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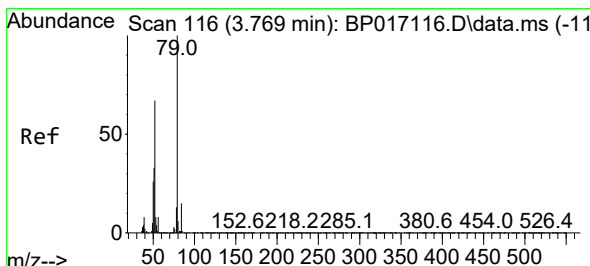
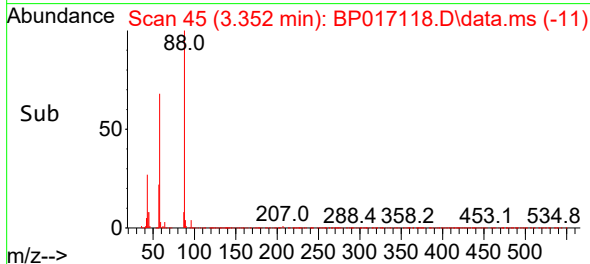
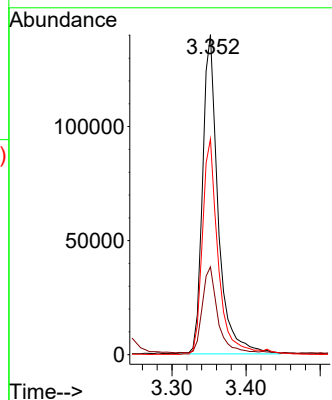
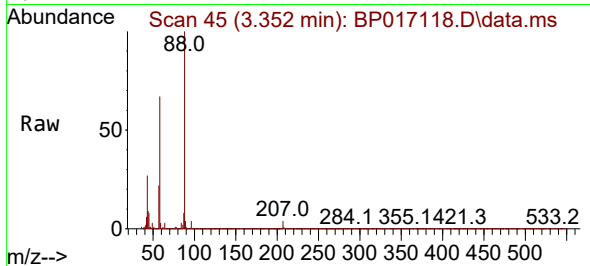


#2
 1,4-Dioxane
 Concen: 33.788 ng/uL
 RT: 3.352 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BP017118.D
 Acq: 12 Sep 2023 14:48

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 88 Resp: 204078

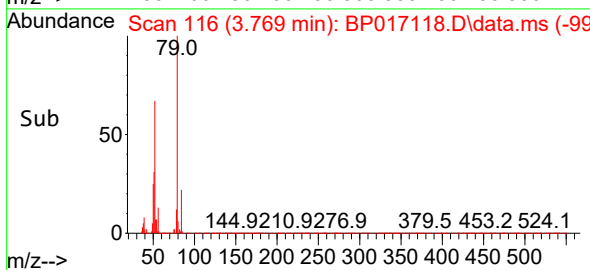
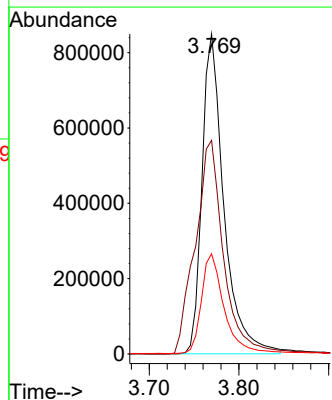
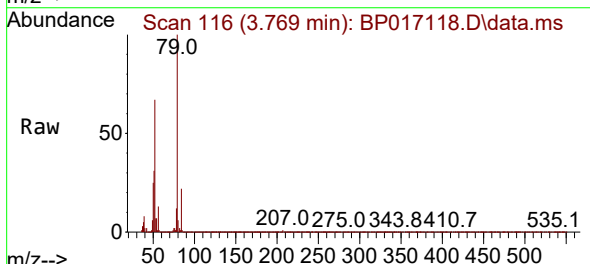
Ion	Ratio	Lower	Upper
88	100		
43	27.4	21.9	32.9
58	67.4	50.8	76.2

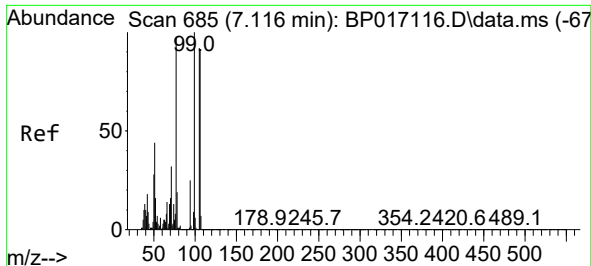


#5
 Pyridine
 Concen: 86.367 ng/uL
 RT: 3.769 min Scan# 116
 Delta R.T. 0.000 min
 Lab File: BP017118.D
 Acq: 12 Sep 2023 14:48

Tgt Ion: 79 Resp: 1437459

Ion	Ratio	Lower	Upper
79	100		
52	66.8	54.5	81.7
51	31.3	27.0	40.6

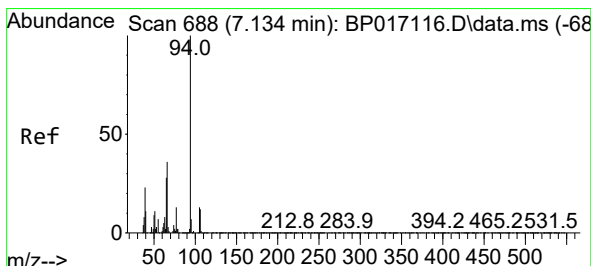
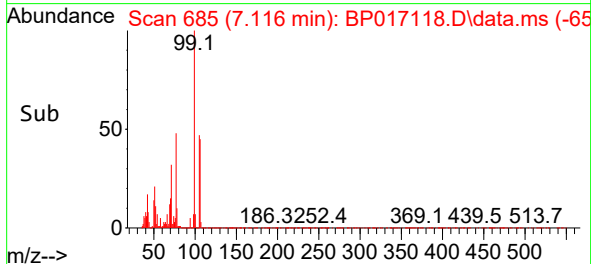
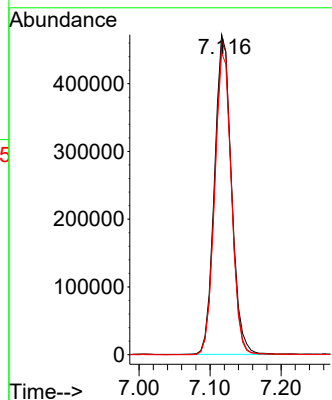
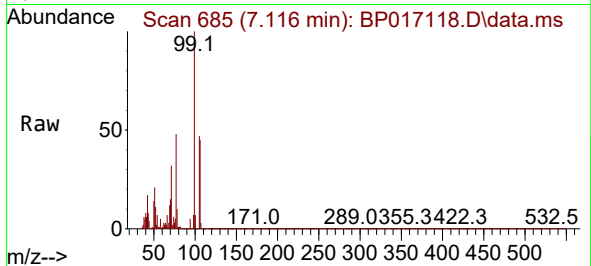




#6
Benzaldehyde
Concen: 73.316 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

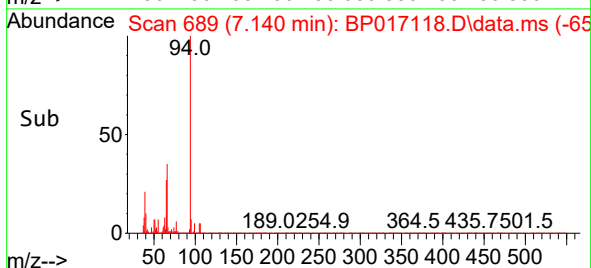
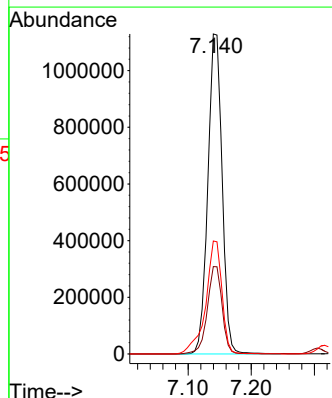
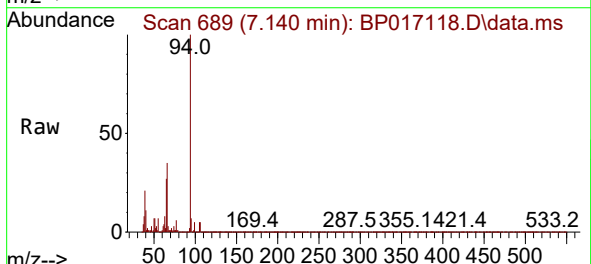
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ClientSampleId :

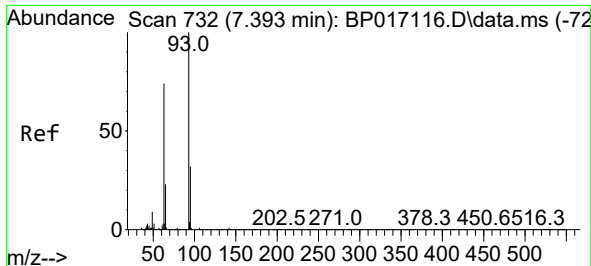
Tgt Ion: 77 Resp: 783422
Ion Ratio Lower Upper
77 100
105 98.1 75.3 112.9
106 94.3 74.6 111.8



#8
Phenol
Concen: 87.461 ng/ul
RT: 7.140 min Scan# 689
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

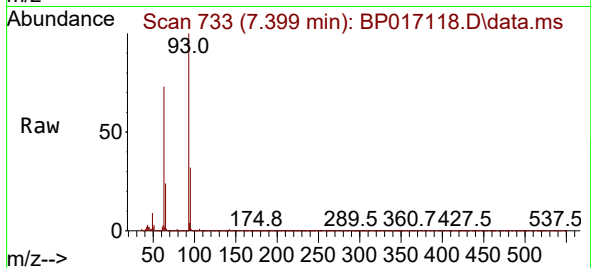
Tgt Ion: 94 Resp: 1770438
Ion Ratio Lower Upper
94 100
65 27.3 22.7 34.1
66 35.3 29.6 44.4





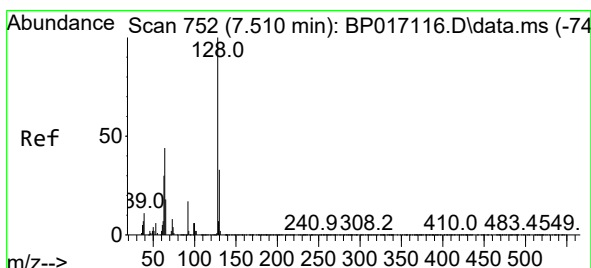
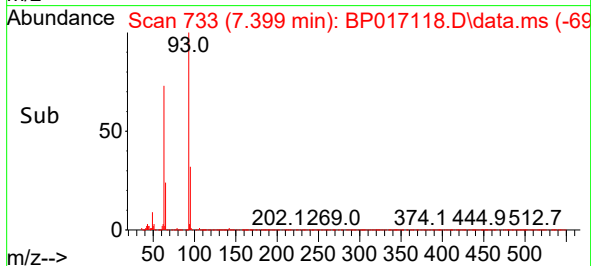
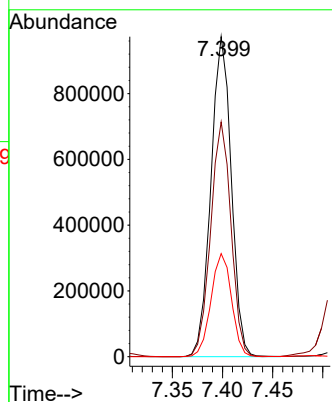
#10
 Bis(2-Chloroethyl)ether
 Concen: 85.106 ng/ul
 RT: 7.399 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BP017118.D
 Acq: 12 Sep 2023 14:48

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 1374055

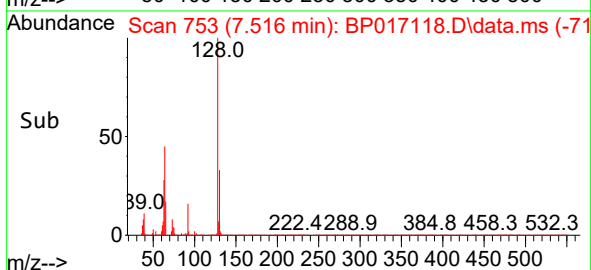
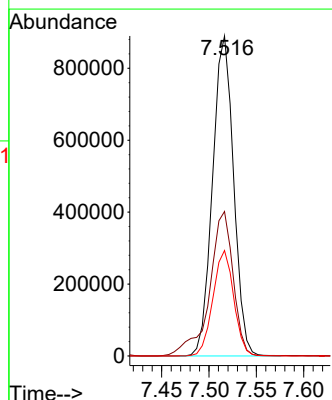
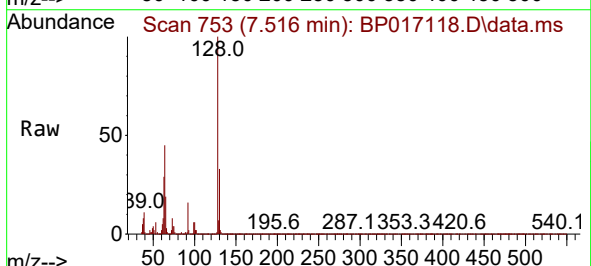
Ion	Ratio	Lower	Upper
93	100		
63	73.3	59.5	89.3
95	32.2	25.8	38.6

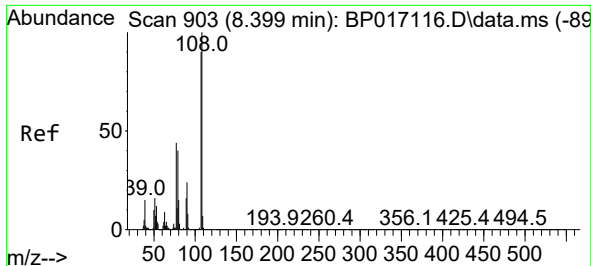


#12
 2-Chlorophenol
 Concen: 88.486 ng/ul
 RT: 7.516 min Scan# 753
 Delta R.T. 0.006 min
 Lab File: BP017118.D
 Acq: 12 Sep 2023 14:48

Tgt Ion:128 Resp: 1375218

Ion	Ratio	Lower	Upper
128	100		
64	45.2	36.8	55.2
130	32.9	26.3	39.5





#13

2-Methylphenol

Concen: 87.935 ng/ul

RT: 8.405 min Scan# 904

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

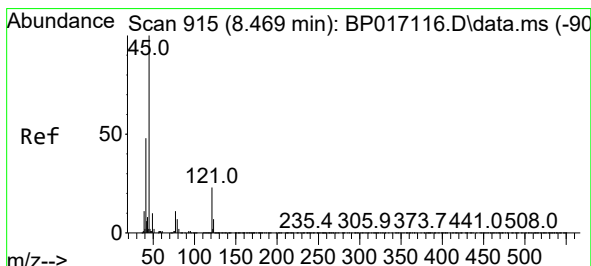
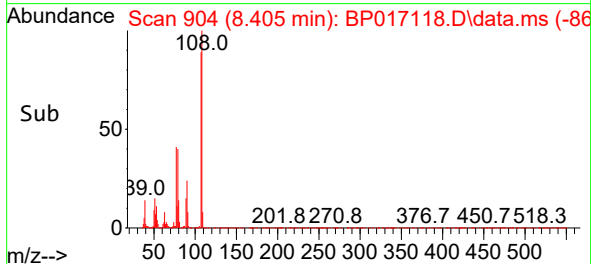
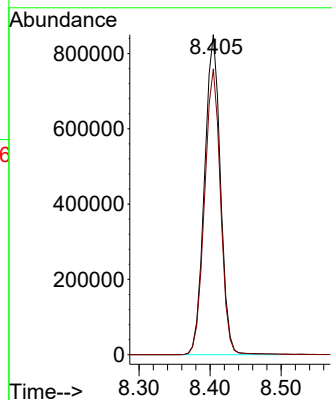
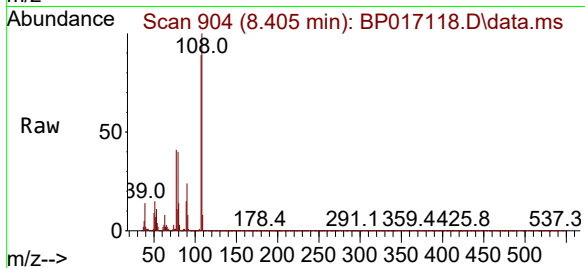
ClientSampleId :

Tgt Ion:108 Resp: 1327001

Ion Ratio Lower Upper

108 100

107 89.3 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 58.581 ng/ul

RT: 8.475 min Scan# 916

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

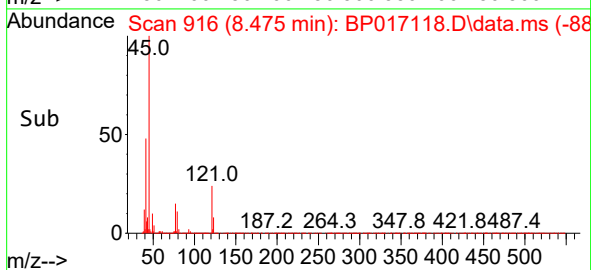
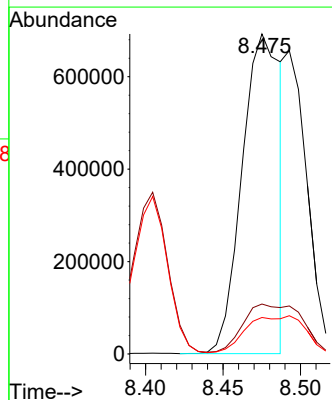
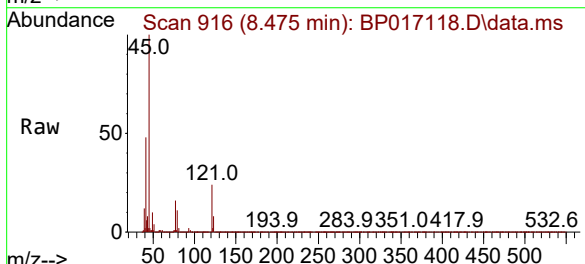
Tgt Ion: 45 Resp: 1188806

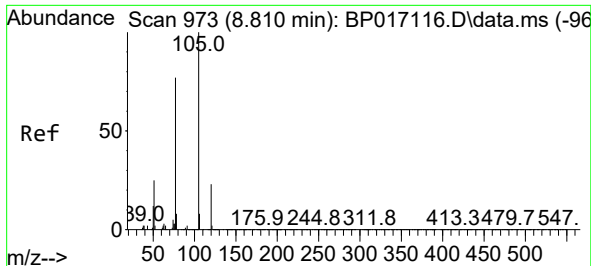
Ion Ratio Lower Upper

45 100

77 15.6 12.5 18.7

79 11.4 8.8 13.2

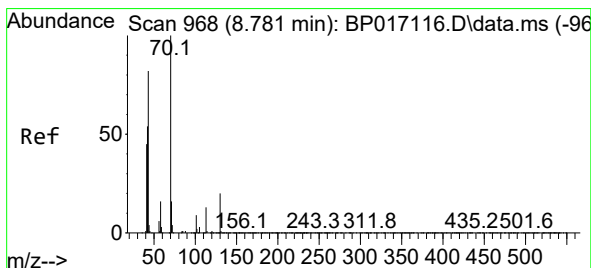
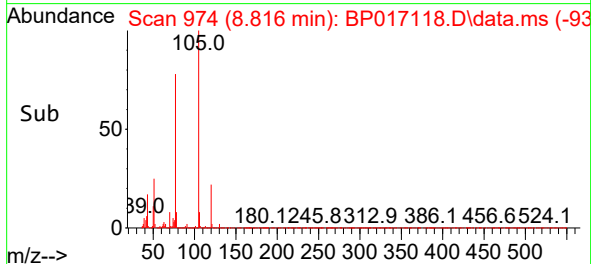
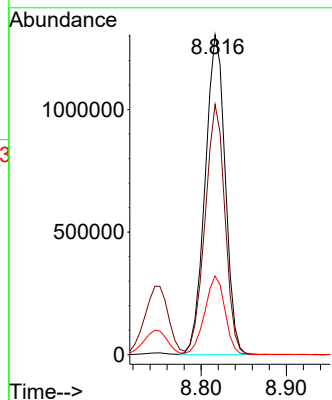
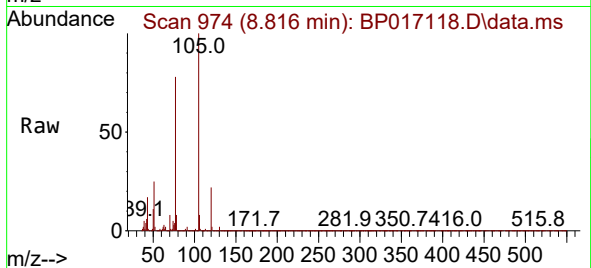




#16
Acetophenone
Concen: 85.793 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017118.D
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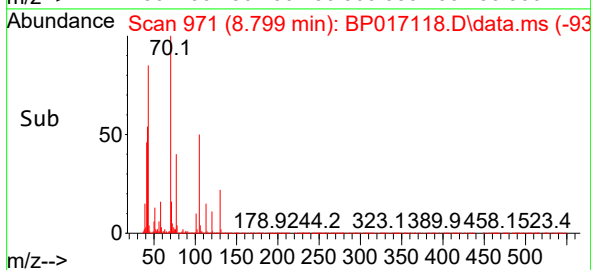
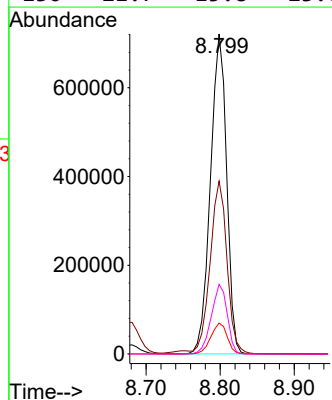
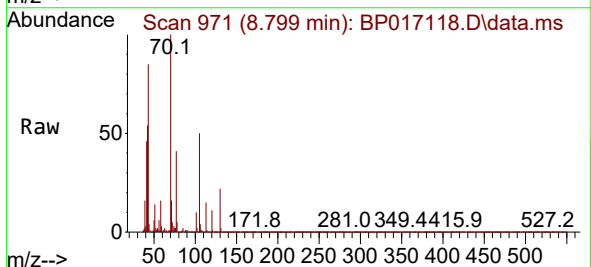
Instrument :
BNA_P
ClientSampleId :

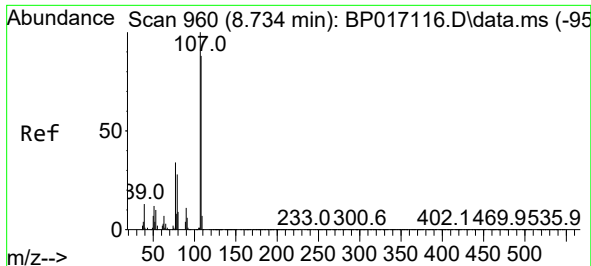
Tgt Ion:105 Resp: 2135995
Ion Ratio Lower Upper
105 100
77 78.2 63.0 94.4
51 24.6 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 85.357 ng/ul
RT: 8.799 min Scan# 971
Delta R.T. 0.018 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion: 70 Resp: 1092060
Ion Ratio Lower Upper
70 100
42 54.0 43.9 65.9
101 9.7 7.0 10.4
130 21.7 15.8 23.6

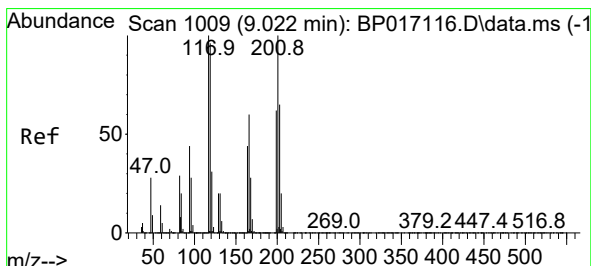
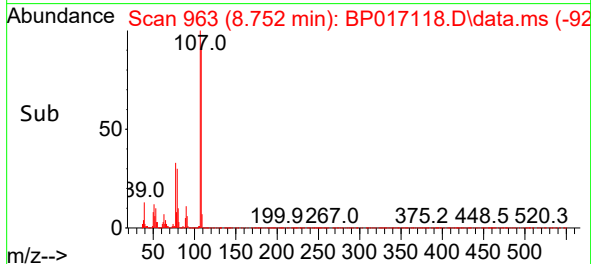
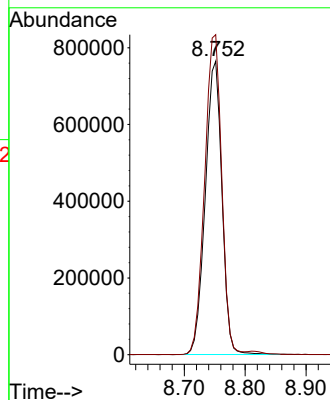
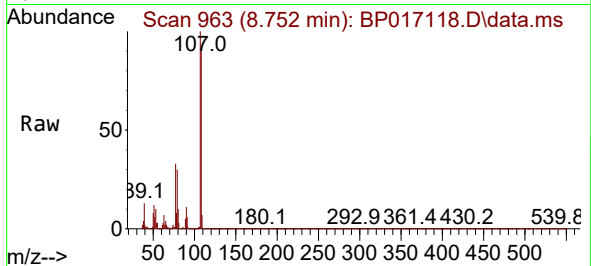




#18
4-Methylphenol
Concen: 87.112 ng/ul
RT: 8.752 min Scan# 90
Delta R.T. 0.018 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

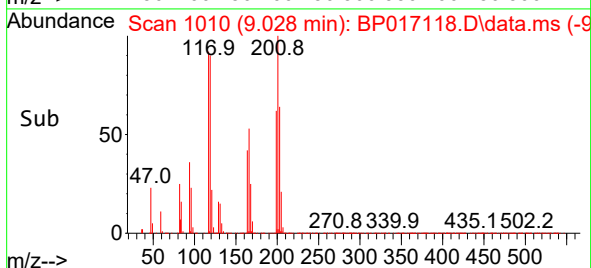
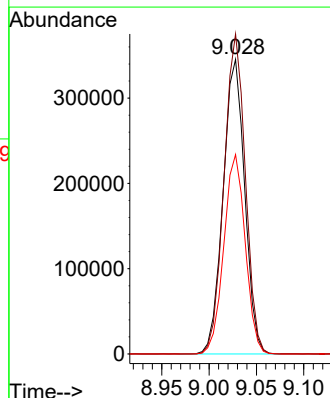
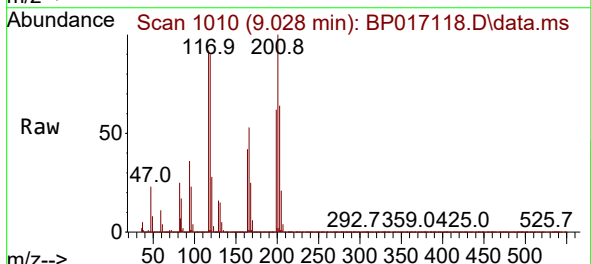
Instrument :
BNA_P
ClientSampleId :

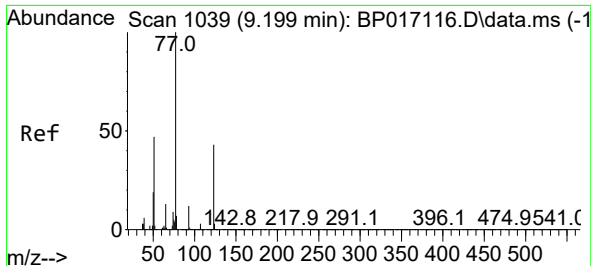
Tgt Ion:108 Resp: 1454412
Ion Ratio Lower Upper
108 100
107 109.1 91.4 137.0



#19
Hexachloroethane
Concen: 85.742 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

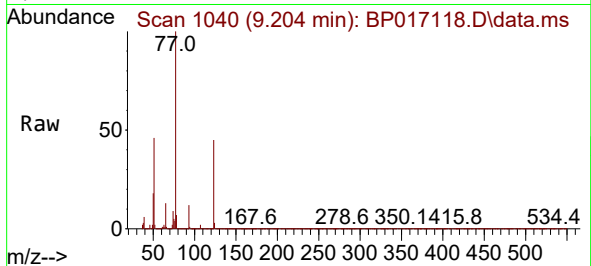
Tgt Ion:117 Resp: 548043
Ion Ratio Lower Upper
117 100
201 108.6 79.9 119.9
199 67.7 49.4 74.2



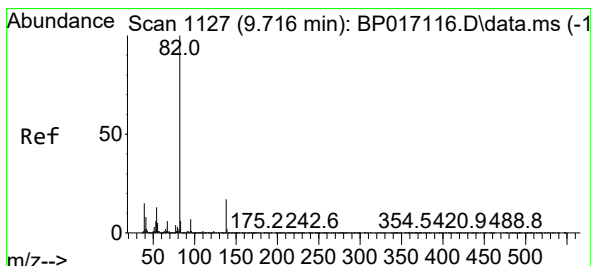
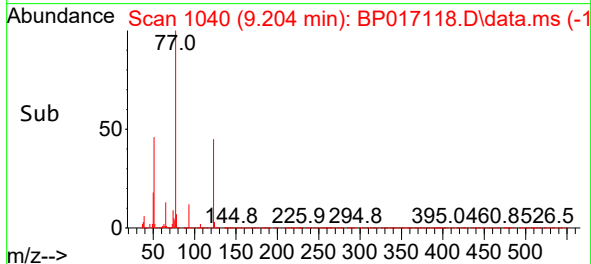
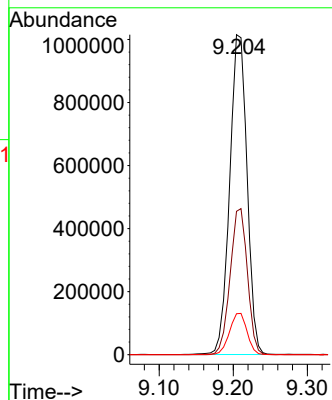


#22
Nitrobenzene
Concen: 86.576 ng/ul
RT: 9.204 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Instrument :
BNA_P
ClientSampleId :

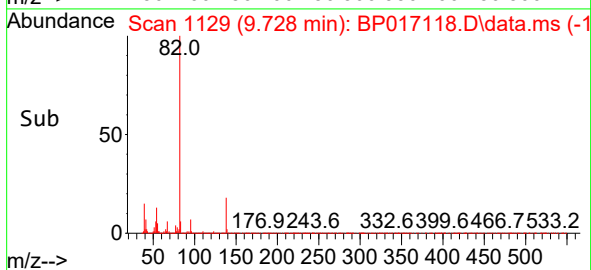
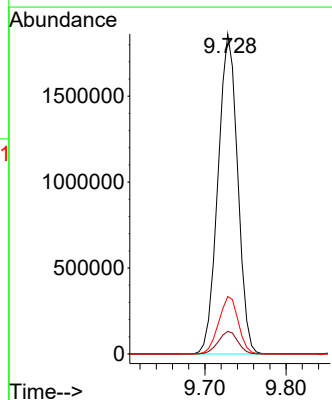
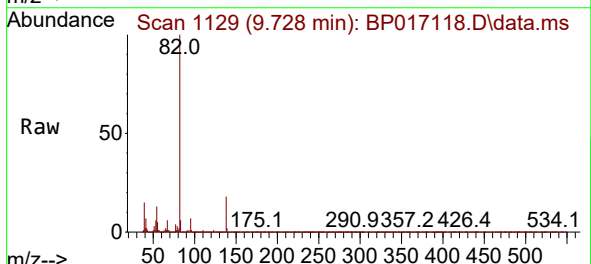


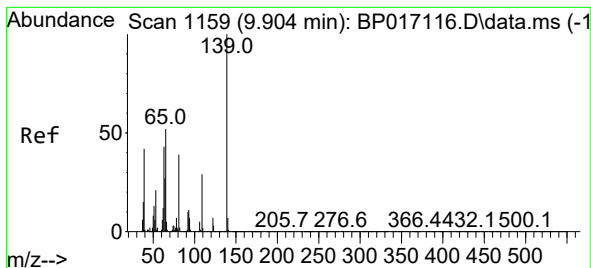
Tgt Ion: 77 Resp: 1650060
Ion Ratio Lower Upper
77 100
123 44.8 34.6 51.8
65 12.8 10.6 16.0



#23
Isophorone
Concen: 87.795 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. 0.012 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion: 82 Resp: 3135664
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.9 14.0 21.0

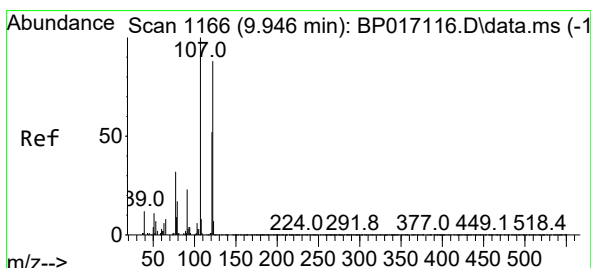
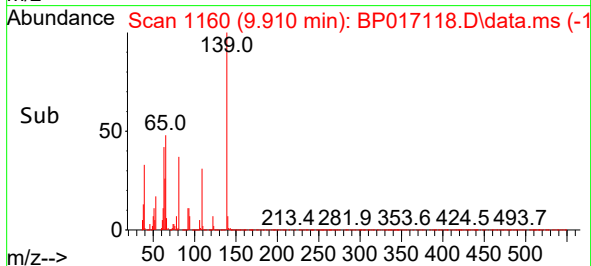
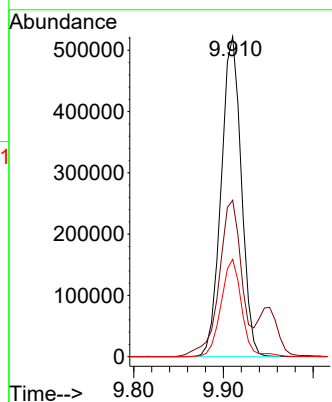
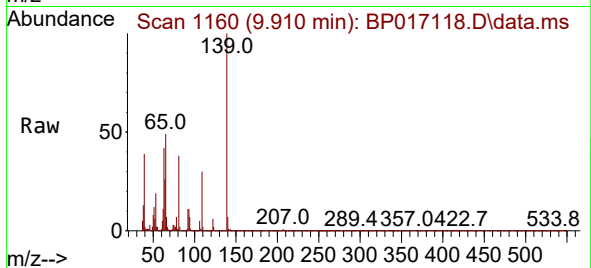




#25
2-Nitrophenol
Concen: 93.747 ng/ul
RT: 9.910 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

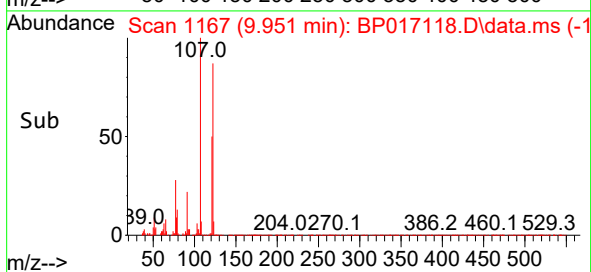
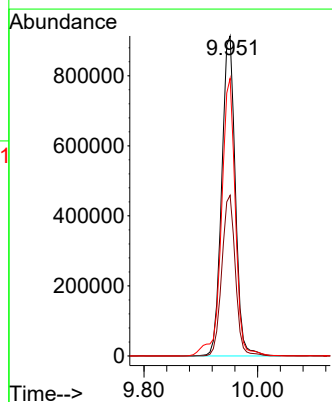
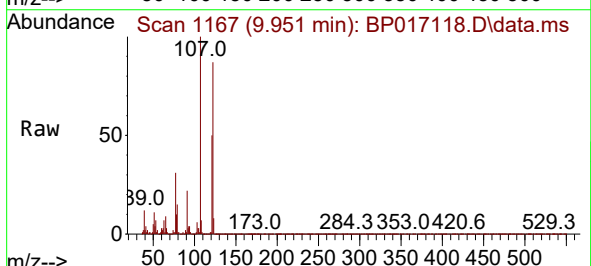
Instrument :
BNA_P
ClientSampleId :

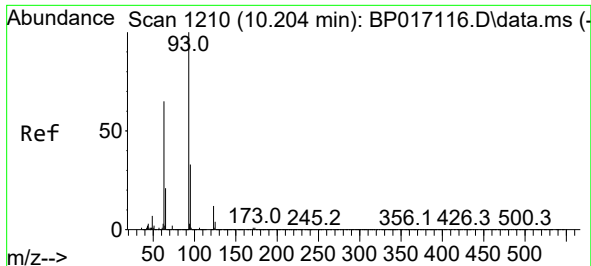
Tgt Ion:139 Resp: 814084
Ion Ratio Lower Upper
139 100
65 48.9 41.9 62.9
109 30.4 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 86.154 ng/ul
RT: 9.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:107 Resp: 1524708
Ion Ratio Lower Upper
107 100
121 50.2 41.7 62.5
122 86.8 70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 83.326 ng/ul

RT: 10.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

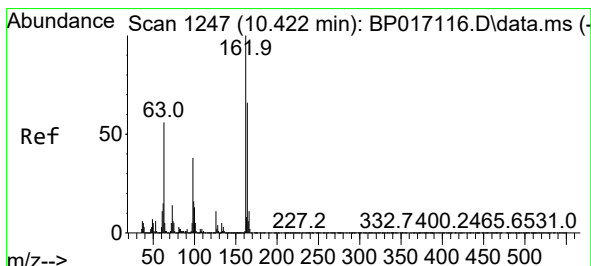
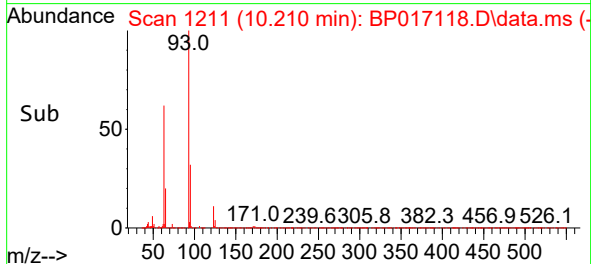
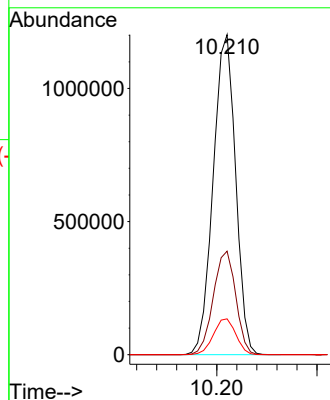
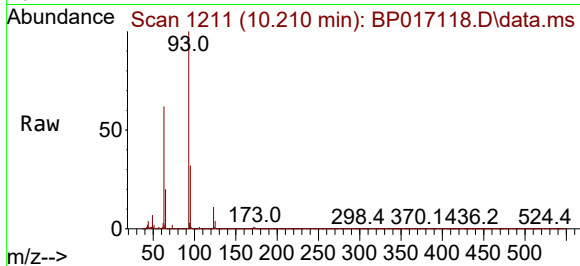
Tgt Ion: 93 Resp: 1865259

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.2 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 88.236 ng/ul

RT: 10.428 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

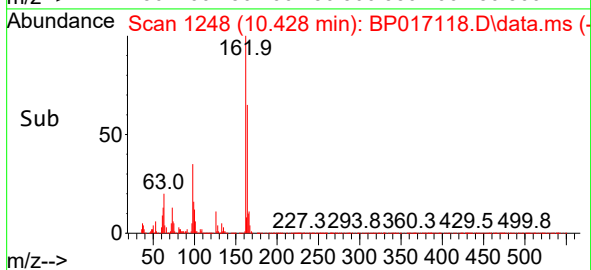
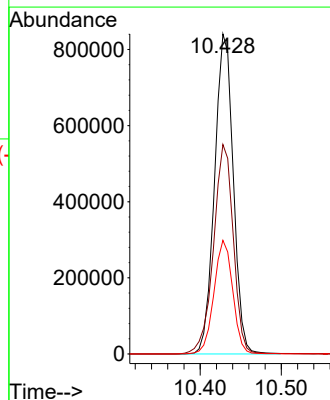
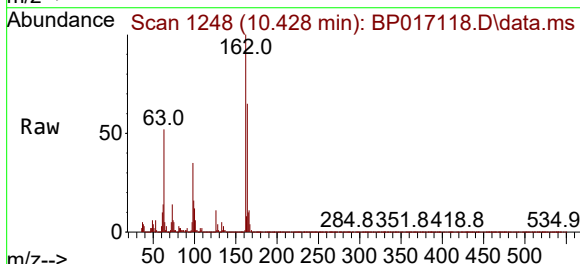
Tgt Ion:162 Resp: 1349582

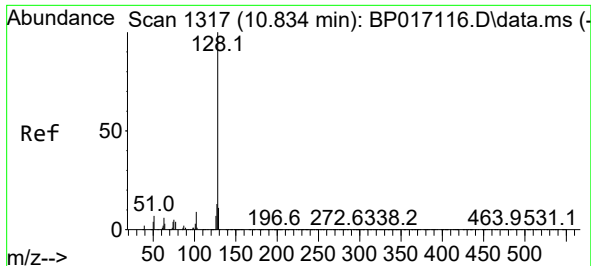
Ion Ratio Lower Upper

162 100

164 65.4 53.2 79.8

98 35.5 30.0 45.0

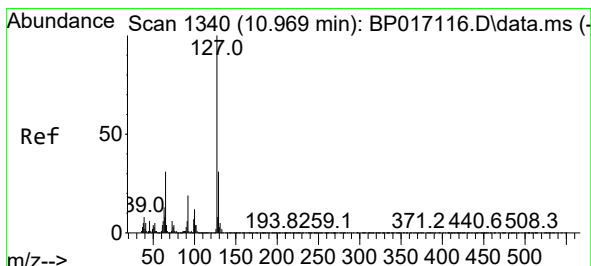
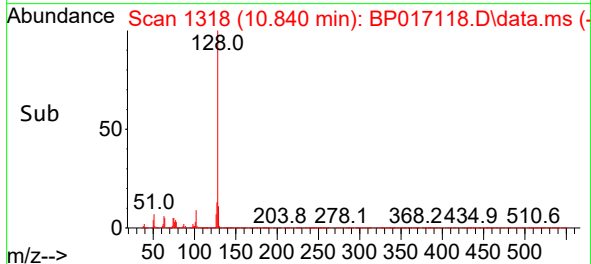
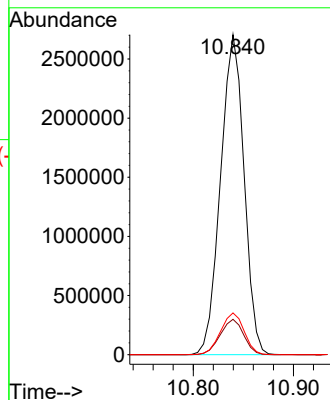
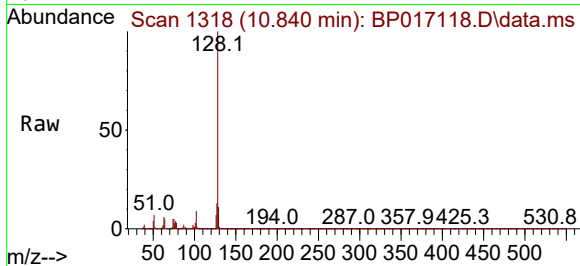




#30
Naphthalene
Concen: 83.182 ng/ul
RT: 10.840 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

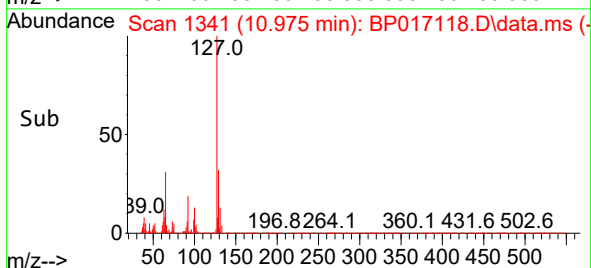
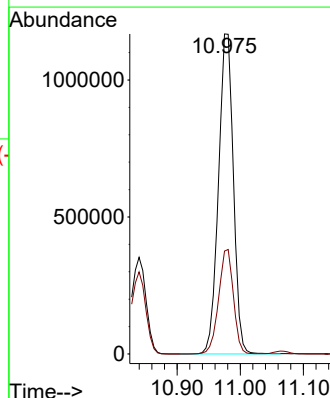
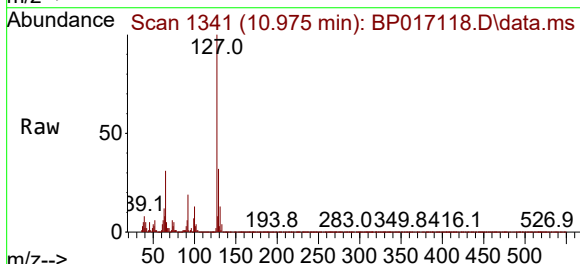
Instrument :
BNA_P
ClientSampleId :

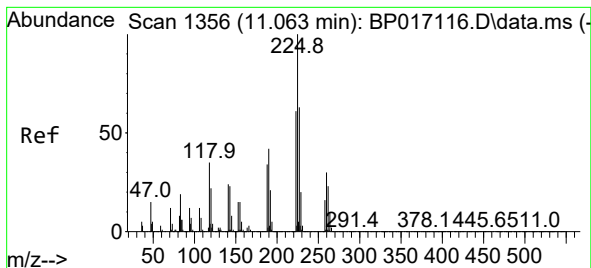
Tgt Ion:128 Resp: 4399360
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 86.361 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:127 Resp: 1919357
Ion Ratio Lower Upper
127 100
129 32.2 24.8 37.2





#33

Hexachlorobutadiene

Concen: 83.652 ng/ul

RT: 11.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

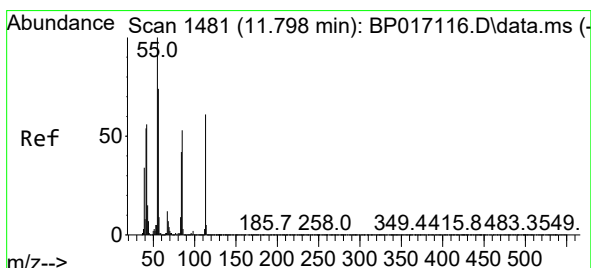
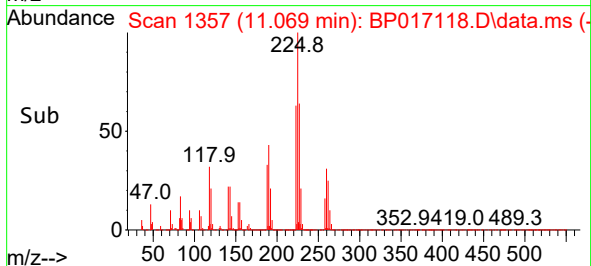
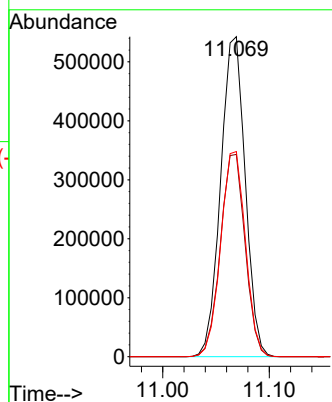
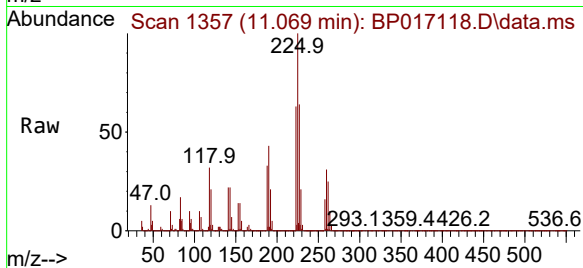
Tgt Ion:225 Resp: 868799

Ion Ratio Lower Upper

225 100

223 63.2 49.0 73.4

227 64.1 50.2 75.4



#34

Caprolactam

Concen: 60.365 ng/ul

RT: 11.834 min Scan# 1487

Delta R.T. 0.035 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

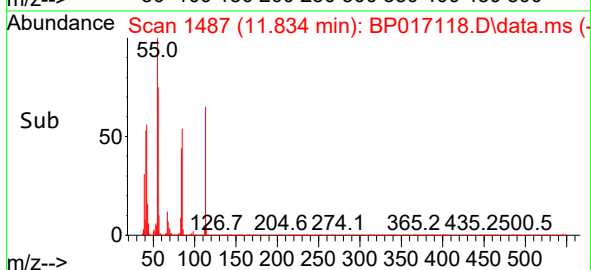
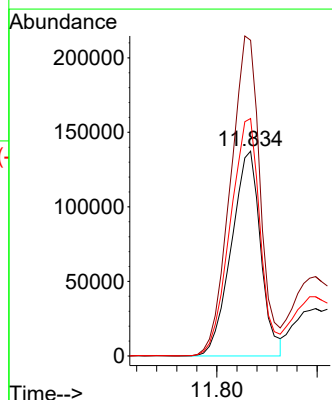
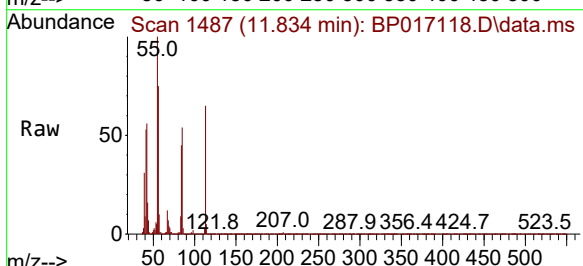
Tgt Ion:113 Resp: 279150

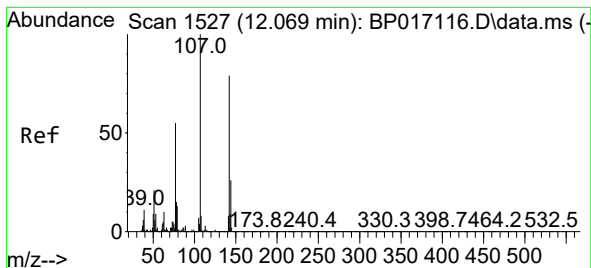
Ion Ratio Lower Upper

113 100

55 154.1 130.7 196.1

56 115.9 96.8 145.2

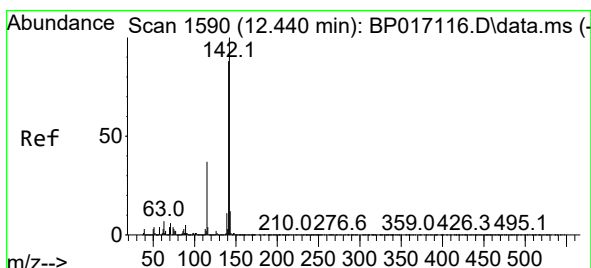
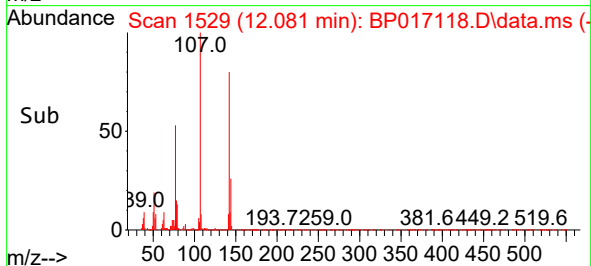
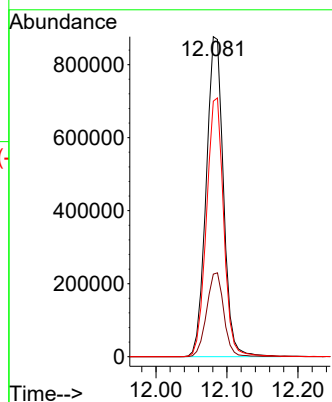
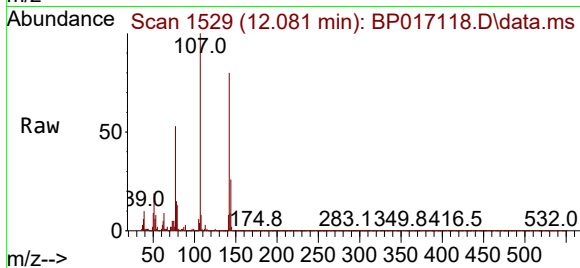




#35
4-Chloro-3-methylphenol
Concen: 89.405 ng/ul
RT: 12.081 min Scan# 1527
Delta R.T. 0.012 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

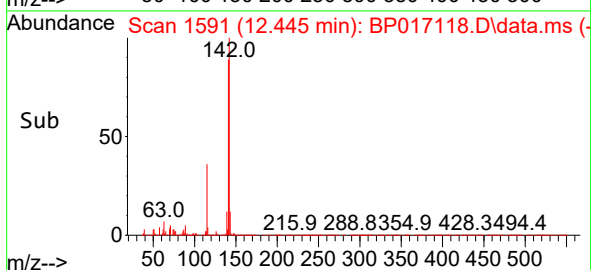
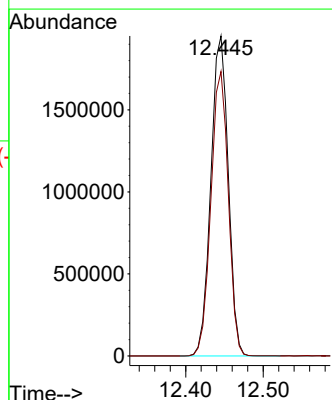
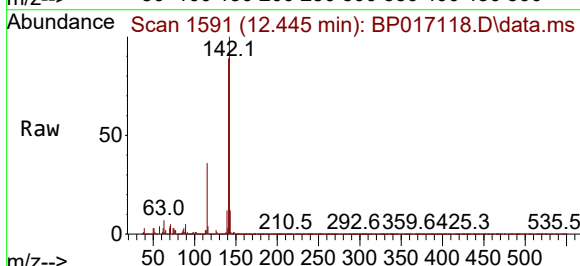
Instrument :
BNA_P
ClientSampleId :

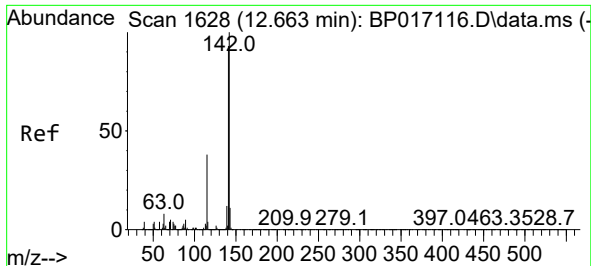
Tgt Ion:107 Resp: 1479562
Ion Ratio Lower Upper
107 100
144 25.8 20.6 31.0
142 79.8 63.4 95.0



#36
2-Methylnaphthalene
Concen: 85.129 ng/ul
RT: 12.445 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:142 Resp: 3038014
Ion Ratio Lower Upper
142 100
141 88.9 70.1 105.1





#37

1-Methylnaphthalene

Concen: 84.913 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

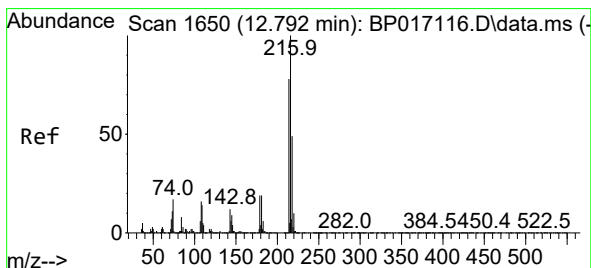
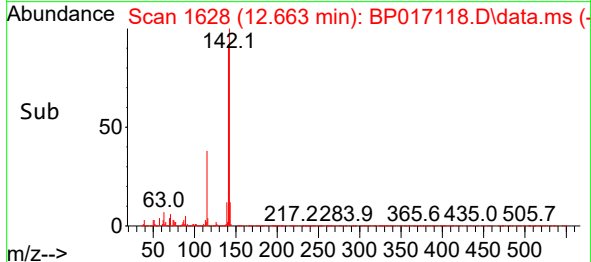
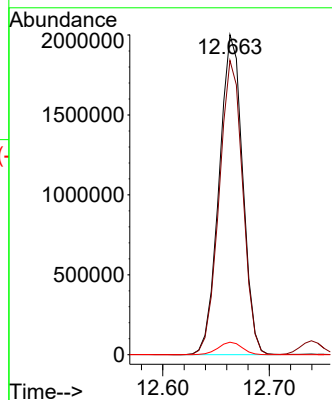
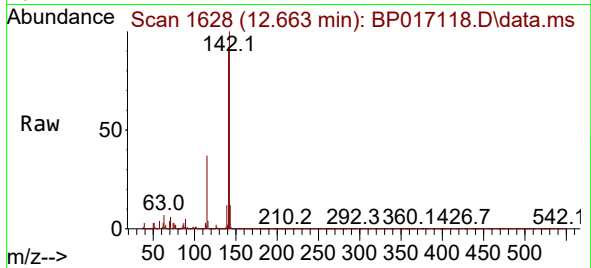
Tgt Ion:142 Resp: 3067371

Ion Ratio Lower Upper

142 100

141 91.9 74.1 111.1

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 86.208 ng/ul

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Tgt Ion:216 Resp: 1697884

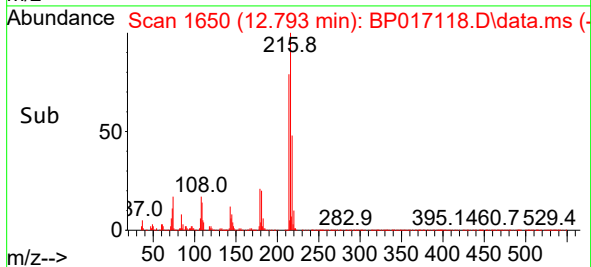
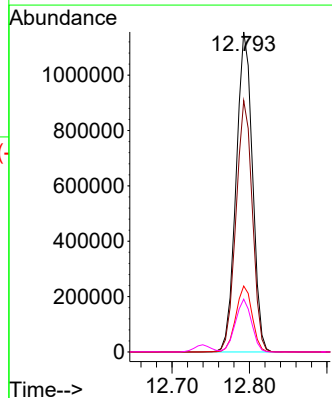
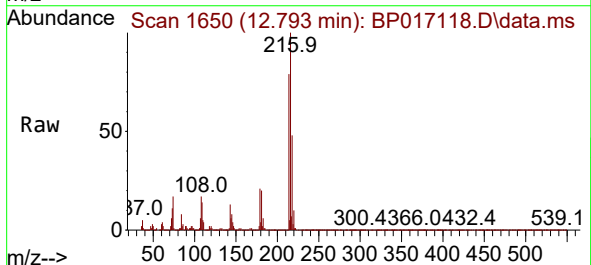
Ion Ratio Lower Upper

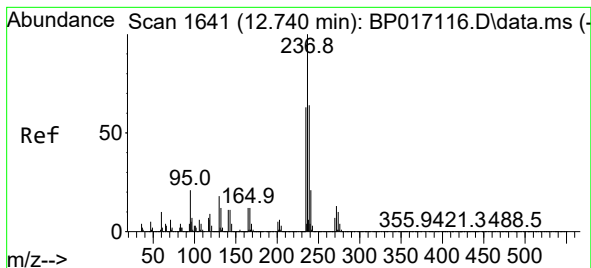
216 100

214 78.5 62.1 93.1

179 20.6 15.6 23.4

108 16.5 12.8 19.2





#40

Hexachlorocyclopentadiene

Concen: 85.835 ng/ul

RT: 12.740 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

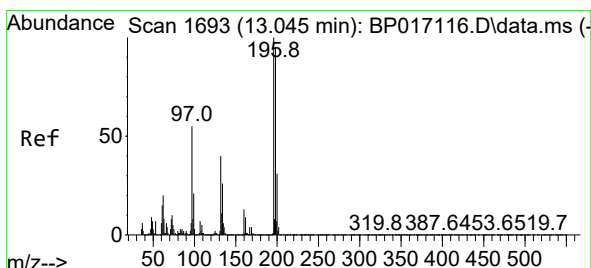
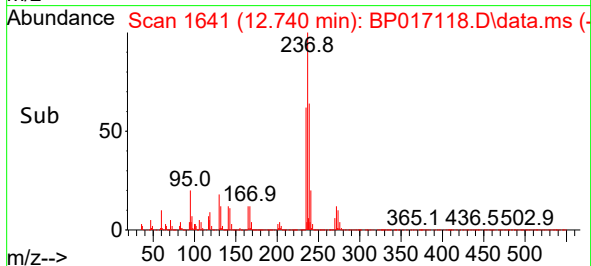
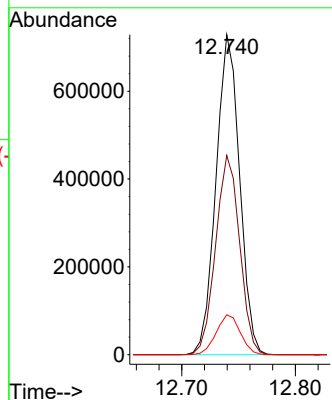
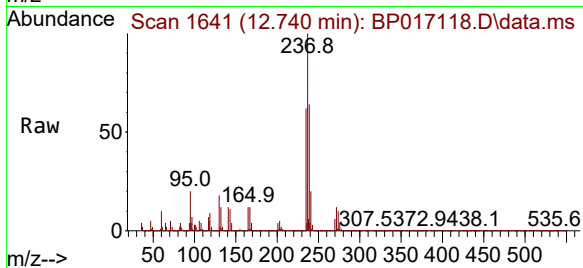
Tgt Ion:237 Resp: 1053299

Ion Ratio Lower Upper

237 100

235 62.3 50.4 75.6

272 12.5 10.2 15.4



#41

2,4,6-Trichlorophenol

Concen: 90.958 ng/ul

RT: 13.051 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

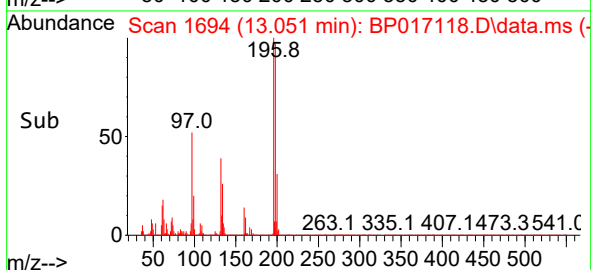
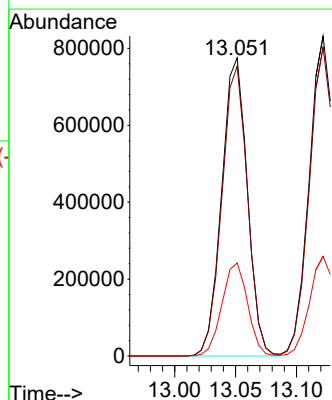
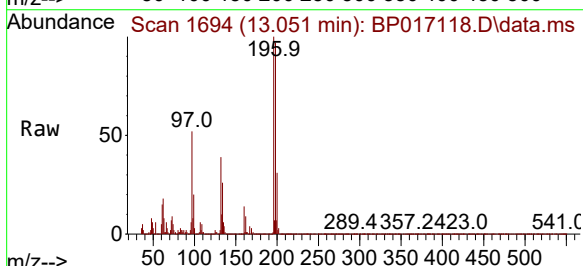
Tgt Ion:196 Resp: 1138043

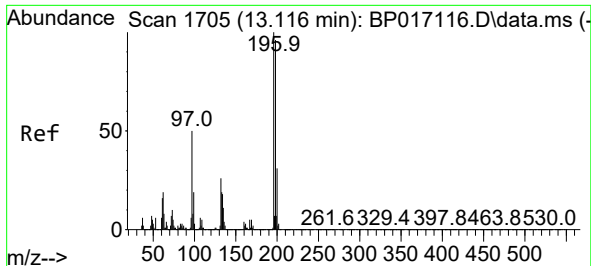
Ion Ratio Lower Upper

196 100

198 97.2 76.0 114.0

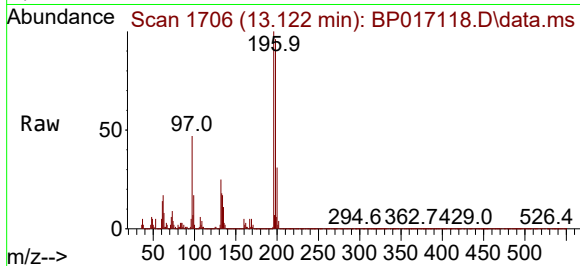
200 31.2 25.0 37.4



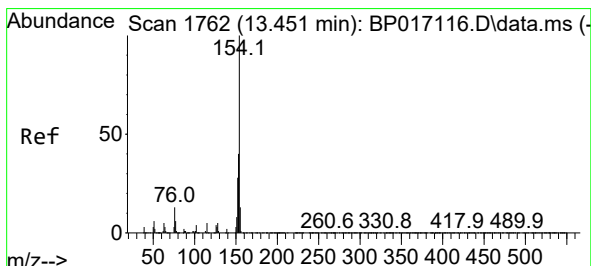
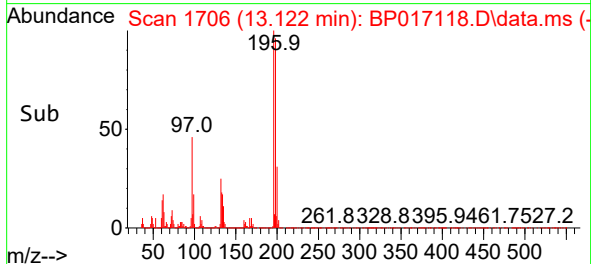
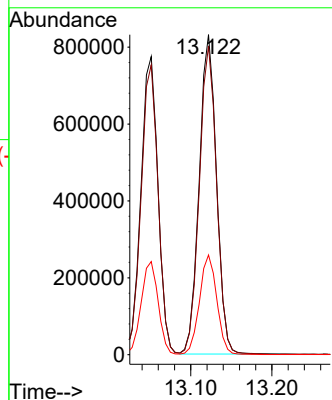


#42
2,4,5-Trichlorophenol
Concen: 92.608 ng/ul
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Instrument :
BNA_P
ClientSampleId :

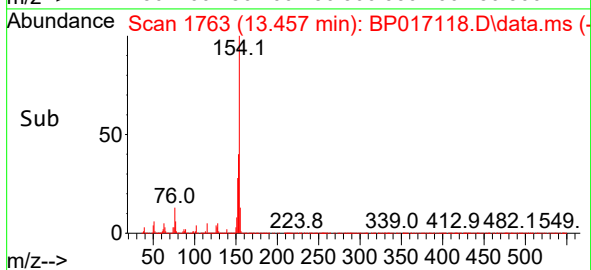
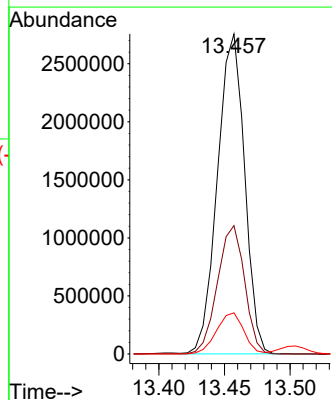
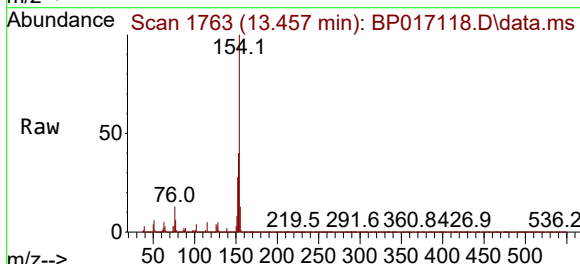


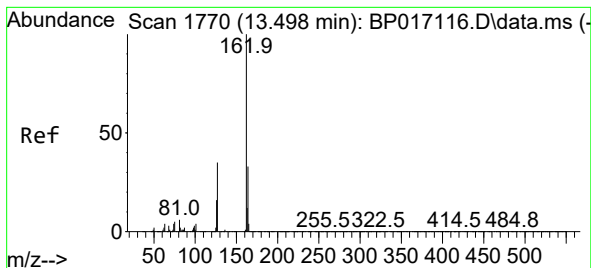
Tgt Ion:196 Resp: 1231847
Ion Ratio Lower Upper
196 100
198 96.5 76.9 115.3
200 31.2 25.0 37.6



#43
1,1'-Biphenyl
Concen: 83.491 ng/ul
RT: 13.457 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:154 Resp: 3958965
Ion Ratio Lower Upper
154 100
153 40.1 31.8 47.8
76 12.9 10.8 16.2





#44

2-Chloronaphthalene

Concen: 84.500 ng/ul

RT: 13.504 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

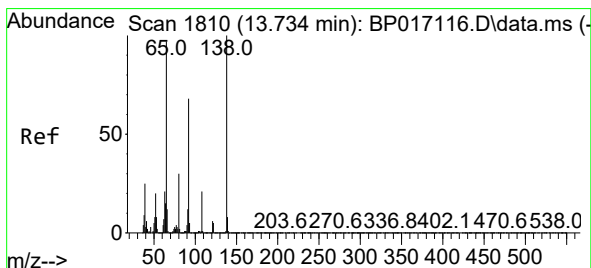
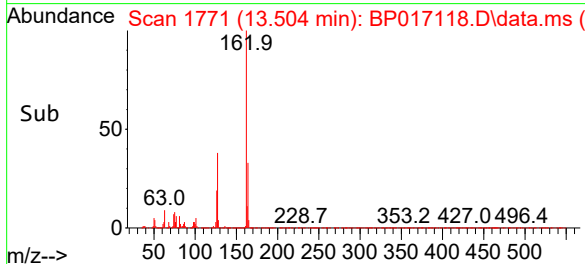
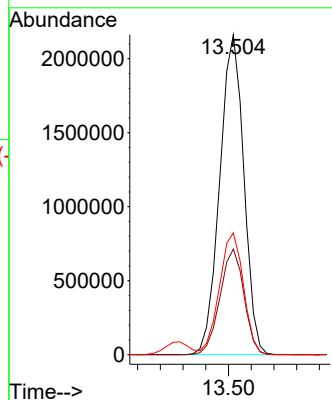
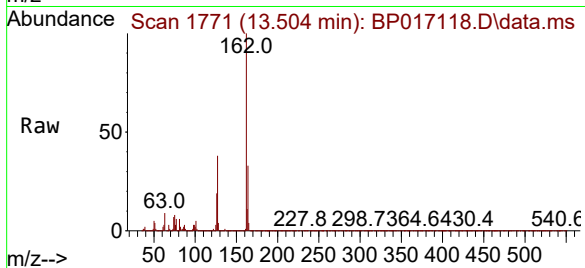
Tgt Ion:162 Resp: 3181932

Ion Ratio Lower Upper

162 100

164 33.0 26.6 39.8

127 38.0 31.0 46.4



#45

2-Nitroaniline

Concen: 96.296 ng/ul

RT: 13.745 min Scan# 1812

Delta R.T. 0.012 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

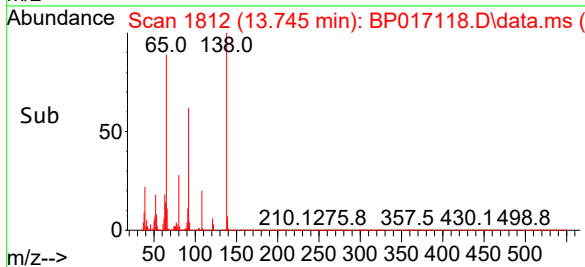
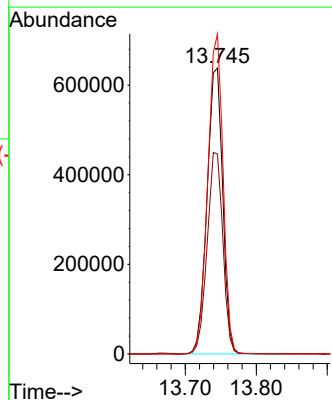
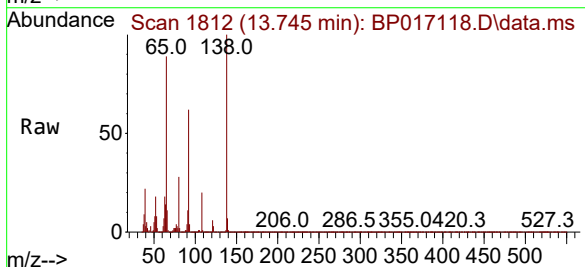
Tgt Ion: 65 Resp: 982196

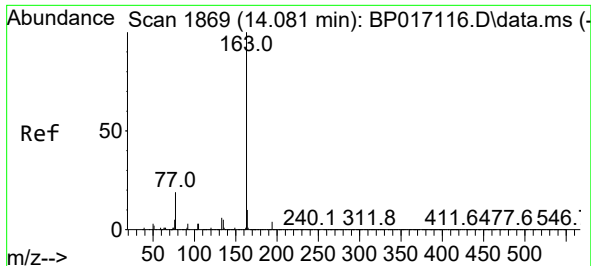
Ion Ratio Lower Upper

65 100

92 69.9 55.6 83.4

138 111.9 82.2 123.2





#47

Dimethylphthalate

Concen: 84.844 ng/ul

RT: 14.087 min Scan# 1869

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

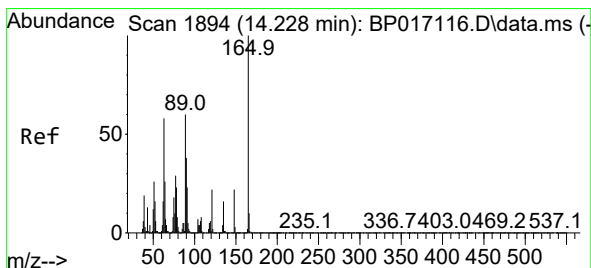
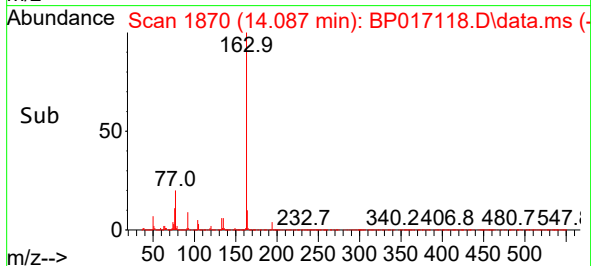
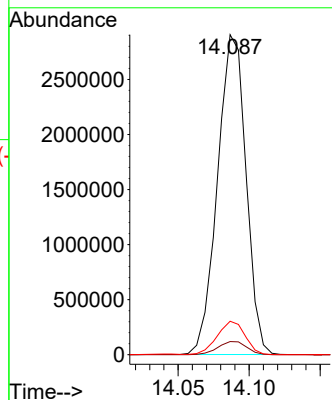
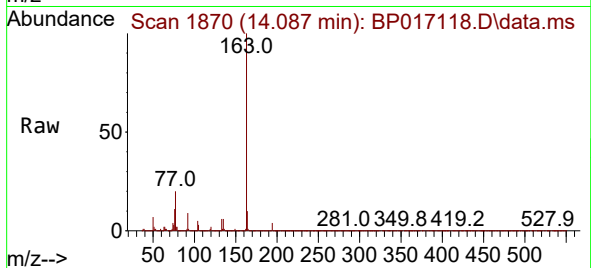
Tgt Ion:163 Resp: 4053030

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 99.485 ng/ul

RT: 14.234 min Scan# 1895

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

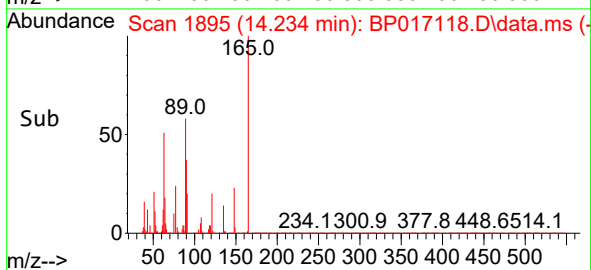
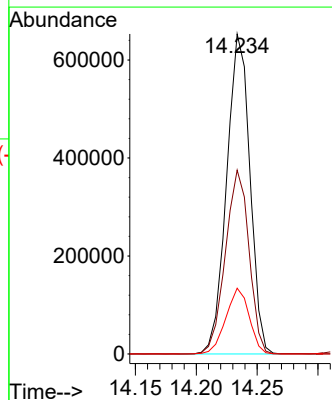
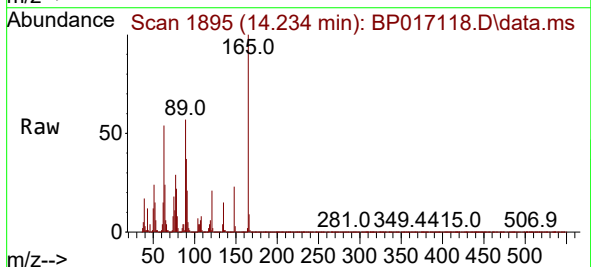
Tgt Ion:165 Resp: 868599

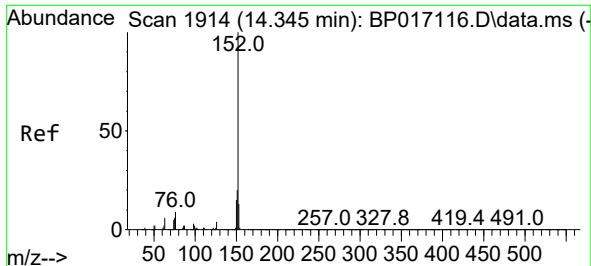
Ion Ratio Lower Upper

165 100

89 57.4 47.8 71.8

121 20.6 17.4 26.2

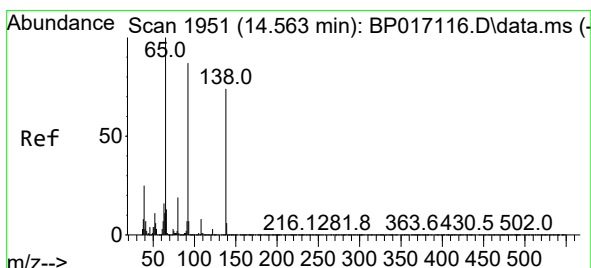
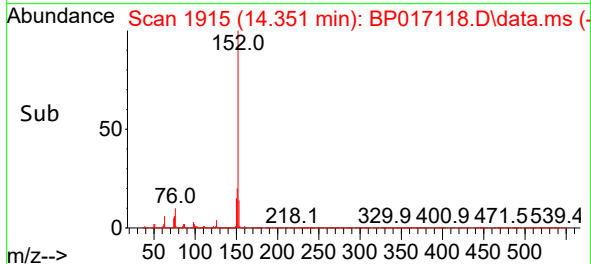
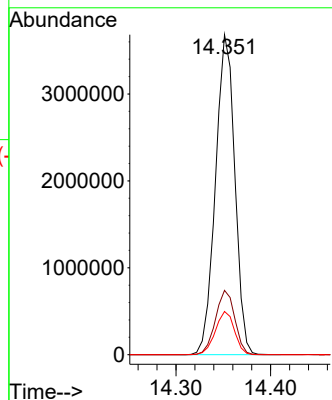
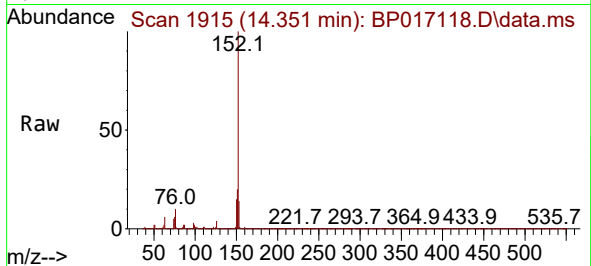




#50
Acenaphthylene
Concen: 84.727 ng/ul
RT: 14.351 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

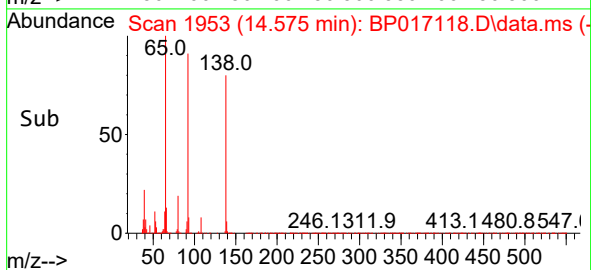
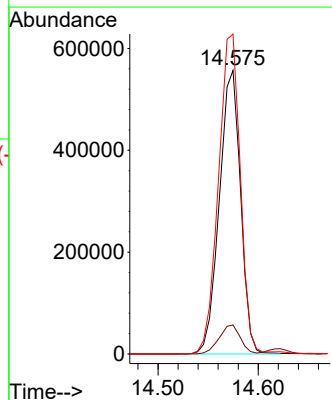
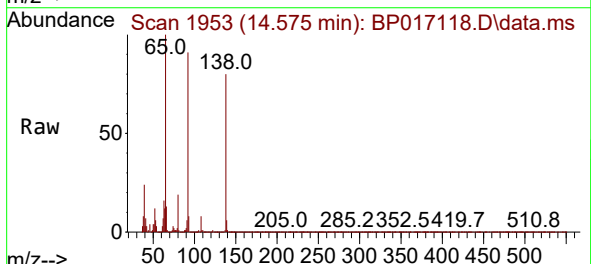
Instrument :
BNA_P
ClientSampleId :

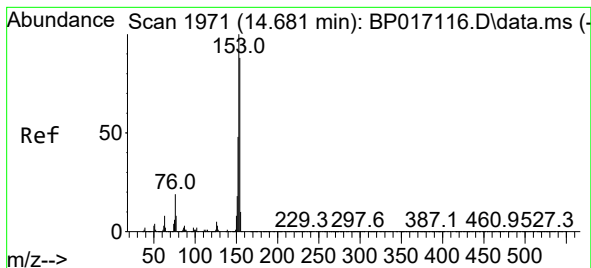
Tgt Ion:152 Resp: 5226389
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.5 10.6 15.8



#51
3-Nitroaniline
Concen: 87.535 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.012 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:138 Resp: 817823
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 112.8 94.2 141.4





#52

Acenaphthene

Concen: 83.726 ng/ul

RT: 14.687 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNP_P

ClientSampleId :

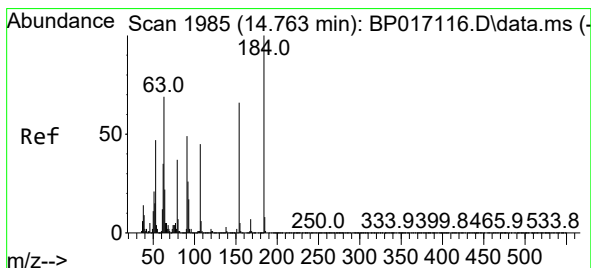
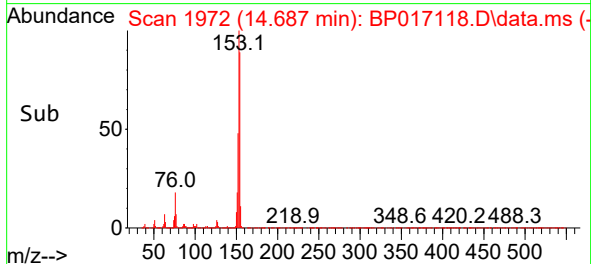
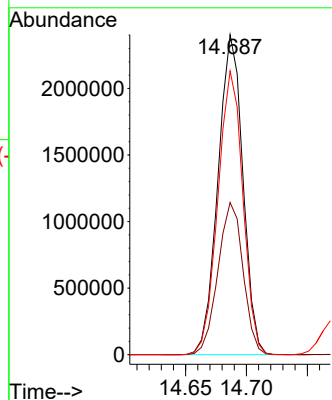
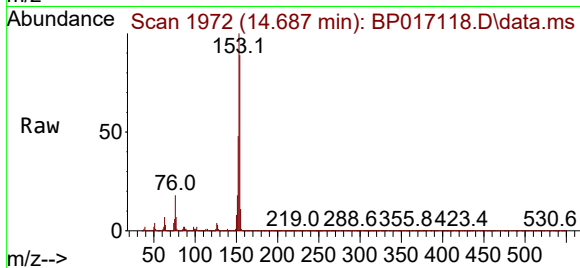
Tgt Ion:153 Resp: 3417580

Ion Ratio Lower Upper

153 100

152 47.5 38.6 57.8

154 88.6 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 92.445 ng/ul

RT: 14.769 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

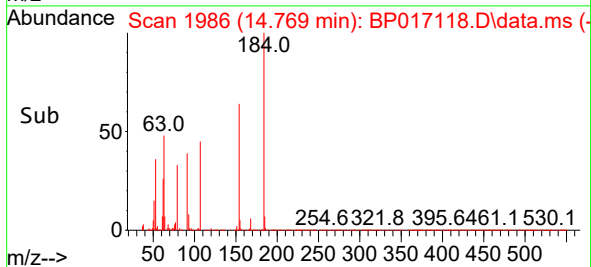
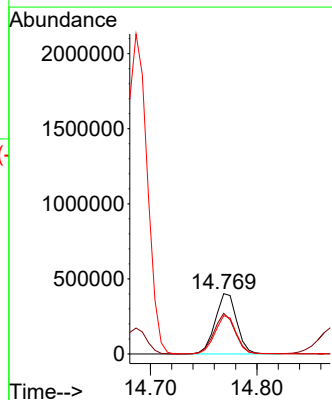
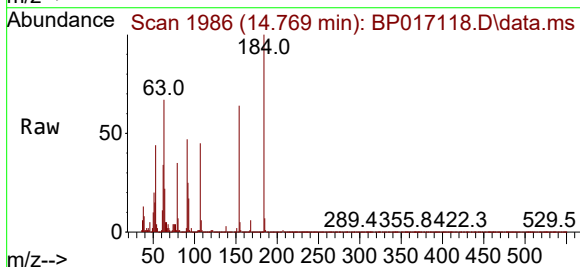
Tgt Ion:184 Resp: 565493

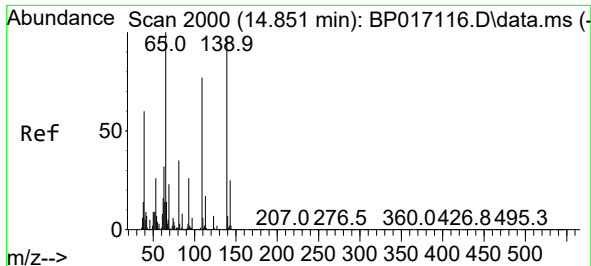
Ion Ratio Lower Upper

184 100

63 67.4 55.2 82.8

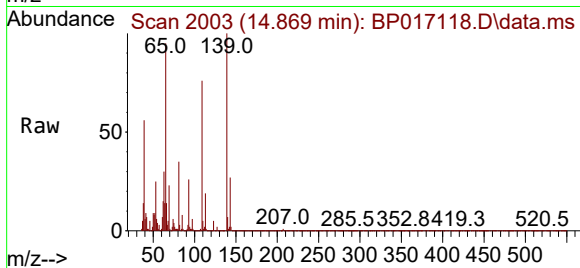
154 63.6 53.0 79.4



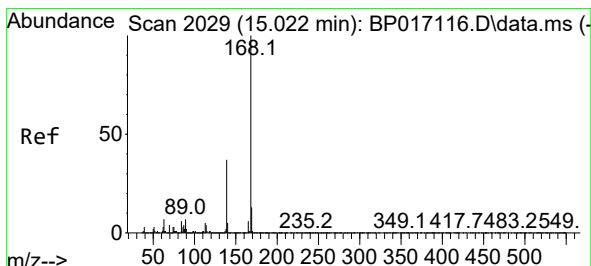
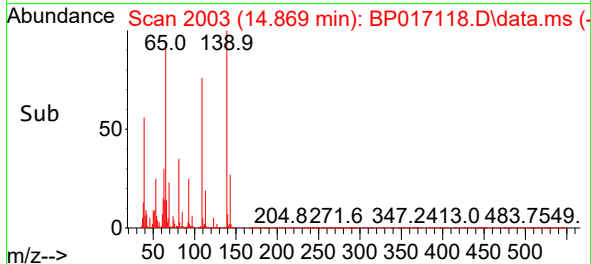
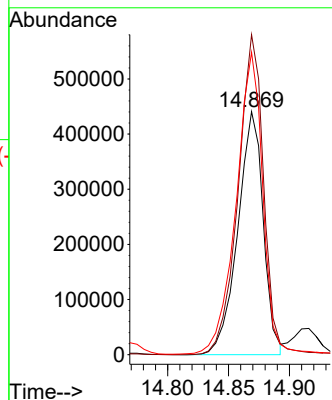


#55
4-Nitrophenol
Concen: 87.902 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.018 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Instrument :
BNA_P
ClientSampleId :

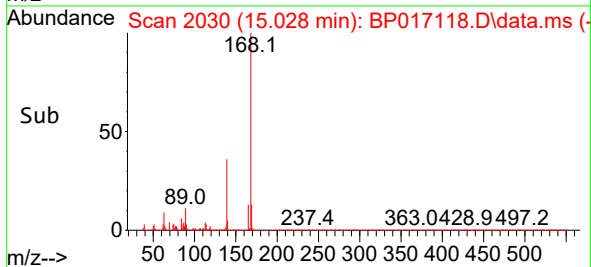
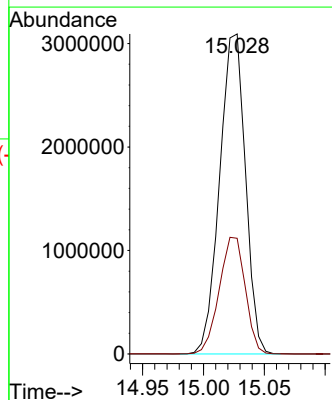
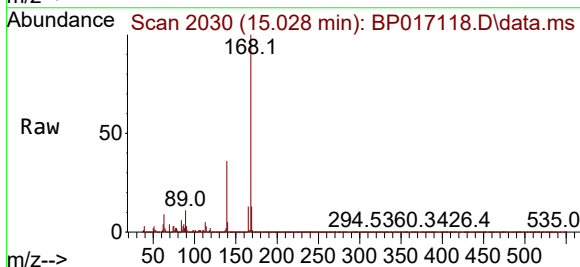


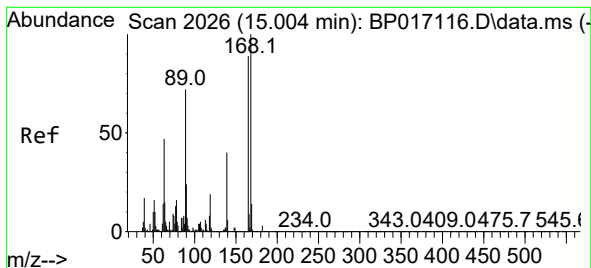
Tgt Ion:109 Resp: 639852
Ion Ratio Lower Upper
109 100
139 131.7 101.1 151.7
65 124.4 105.0 157.4



#56
Dibenzofuran
Concen: 80.867 ng/ul
RT: 15.028 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:168 Resp: 4561611
Ion Ratio Lower Upper
168 100
139 36.2 29.9 44.9





#57

2,4-Dinitrotoluene

Concen: 95.089 ng/ul

RT: 15.016 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

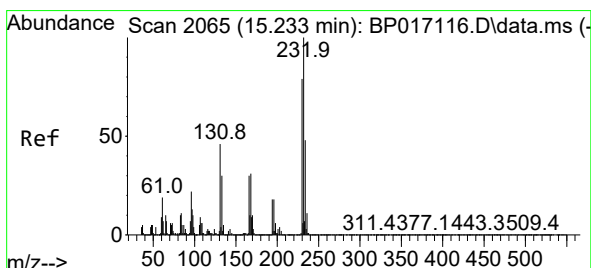
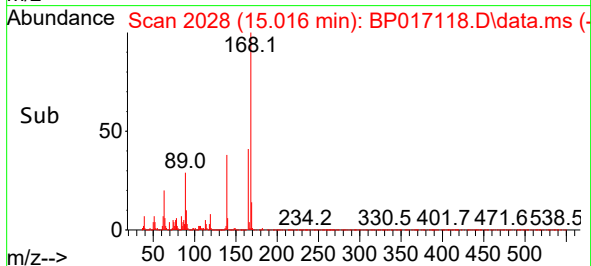
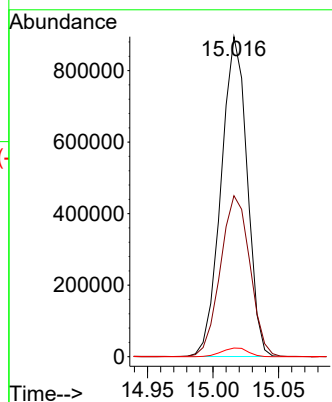
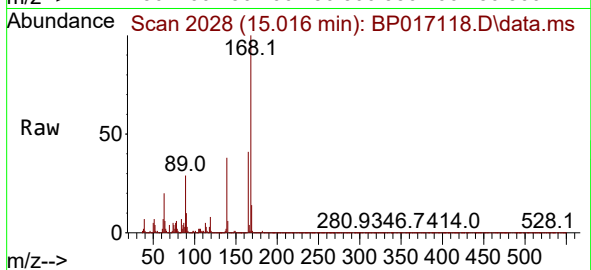
Tgt Ion:165 Resp: 1236576

Ion Ratio Lower Upper

165 100

63 50.3 42.3 63.5

182 2.7 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 92.017 ng/ul

RT: 15.239 min Scan# 2066

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Tgt Ion:232 Resp: 1073772

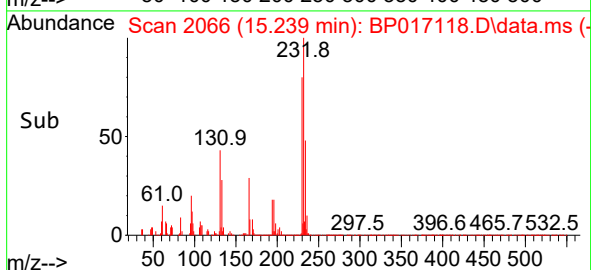
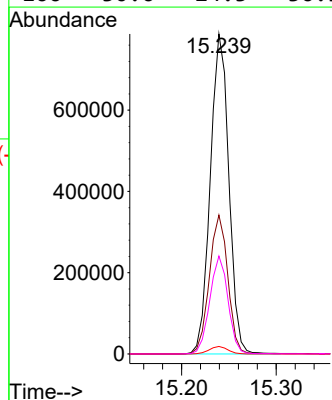
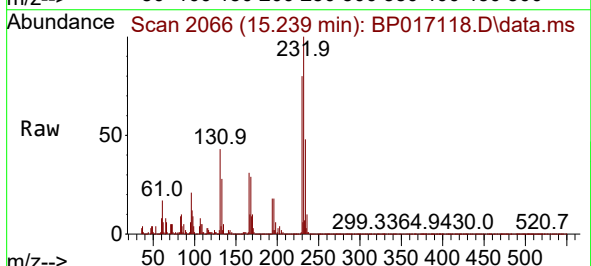
Ion Ratio Lower Upper

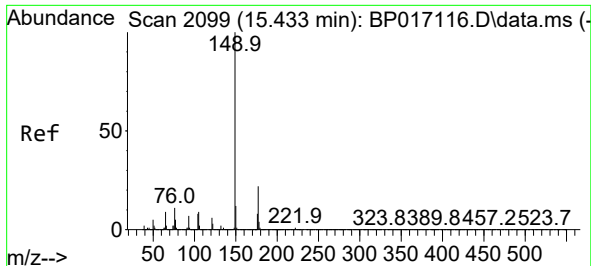
232 100

131 43.4 37.0 55.6

130 2.4 1.8 2.8

166 30.6 24.3 36.5

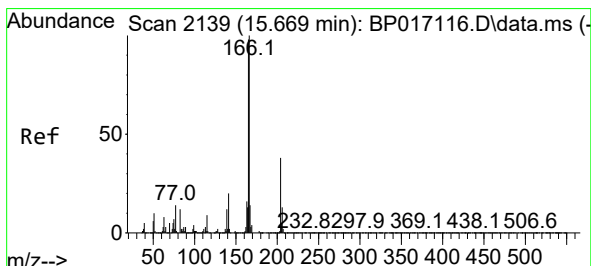
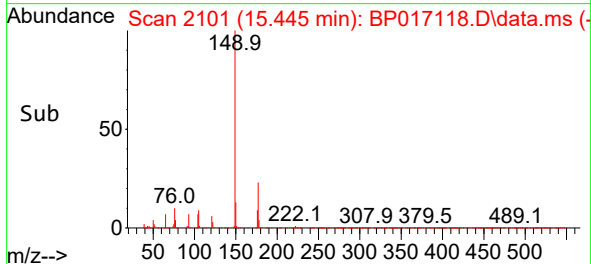
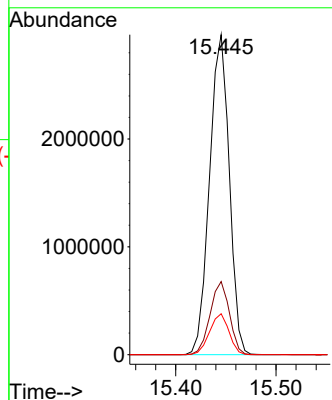
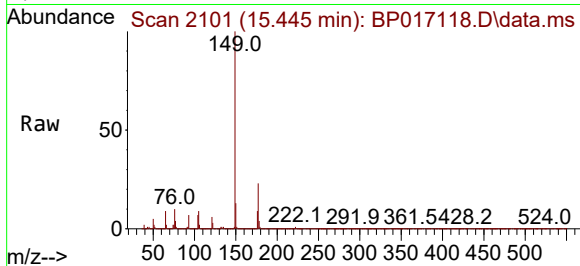




#59
Diethylphthalate
Concen: 86.095 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

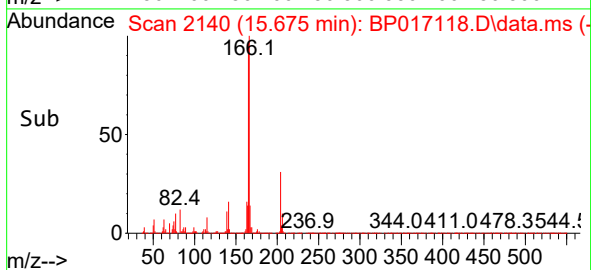
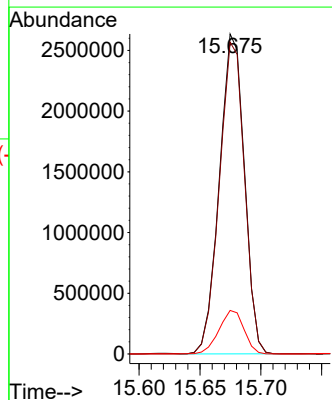
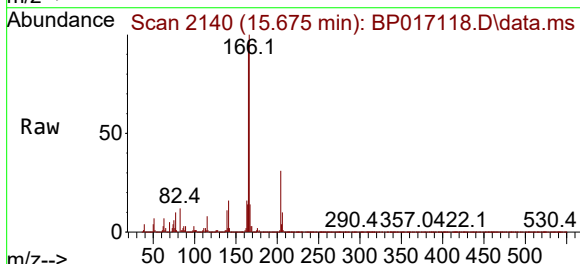
Instrument :
BNA_P
ClientSampleId :

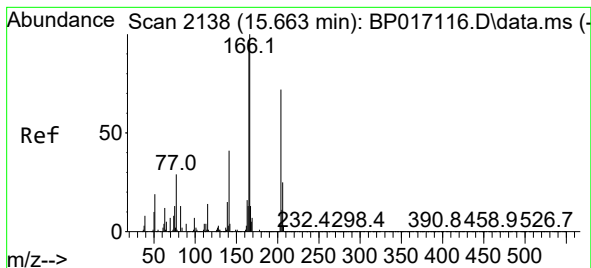
Tgt Ion:149 Resp: 4060595
Ion Ratio Lower Upper
149 100
177 22.9 17.5 26.3
150 12.8 10.0 15.0



#61
Fluorene
Concen: 80.737 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:166 Resp: 3765287
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.6 11.0 16.4

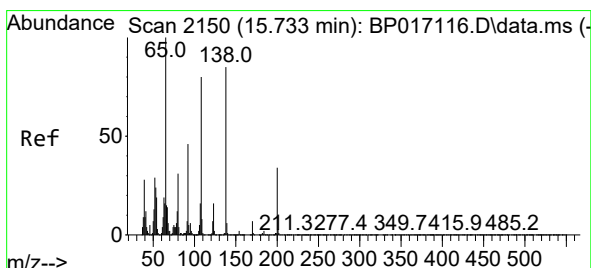
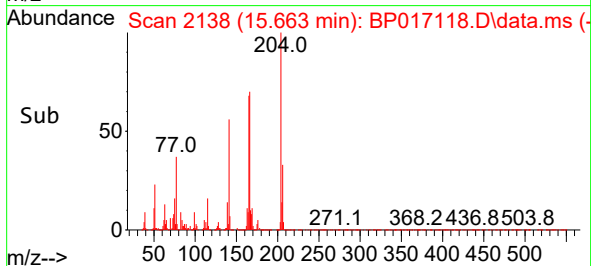
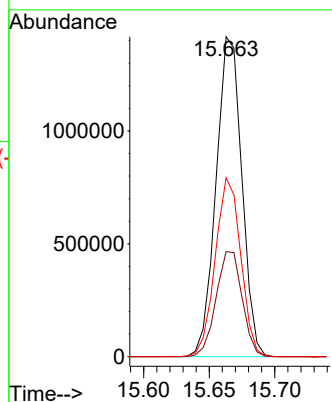
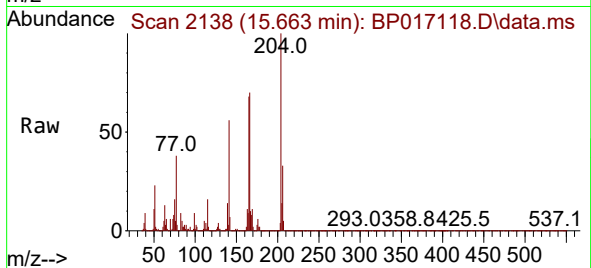




#62
4-Chlorophenyl-phenylether
Concen: 81.548 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

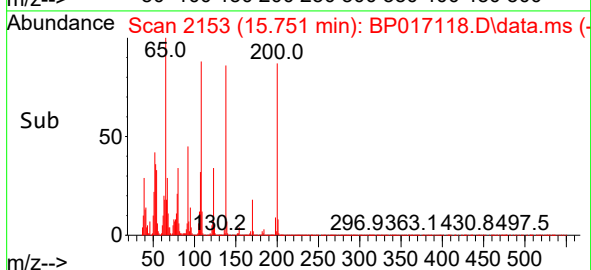
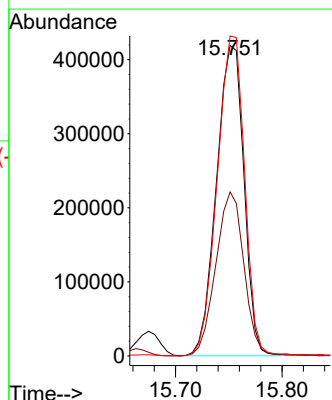
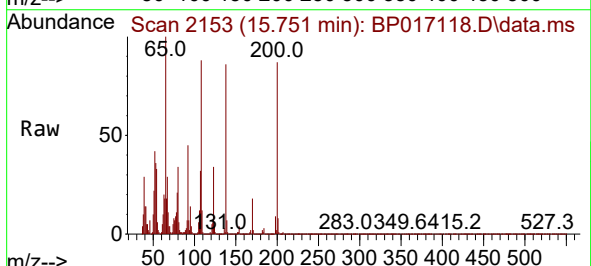
Instrument :
BNA_P
ClientSampleId :

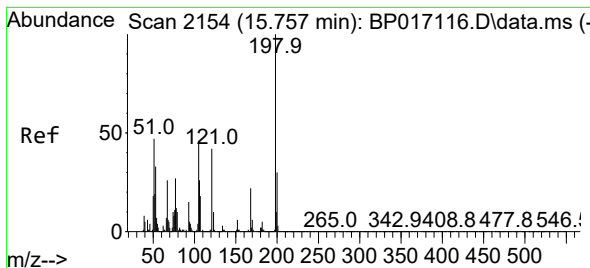
Tgt Ion:204 Resp: 1933574
Ion Ratio Lower Upper
204 100
206 32.8 27.3 40.9
141 55.9 45.0 67.6



#63
4-Nitroaniline
Concen: 86.449 ng/ul
RT: 15.751 min Scan# 2153
Delta R.T. 0.018 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:138 Resp: 750871
Ion Ratio Lower Upper
138 100
92 52.8 43.3 64.9
108 103.0 75.3 112.9

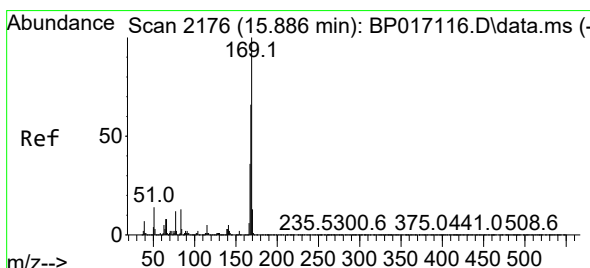
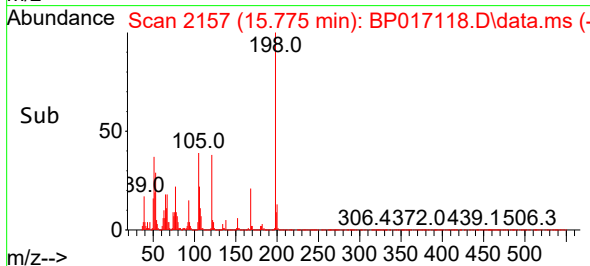
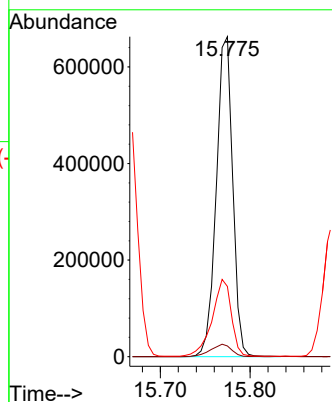
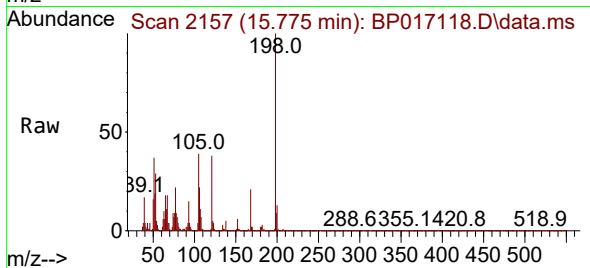




#66
4,6-Dinitro-2-methylphenol
Concen: 93.184 ng/ul
RT: 15.775 min Scan# 2157
Delta R.T. 0.018 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

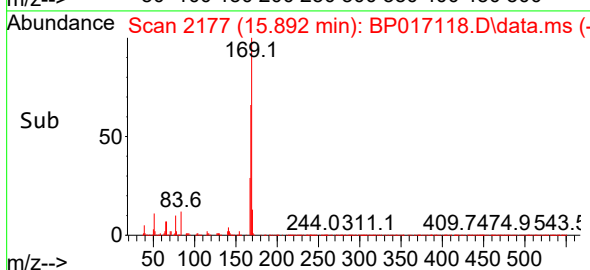
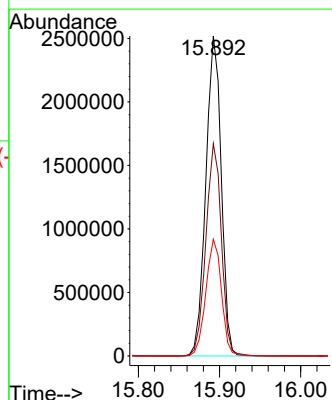
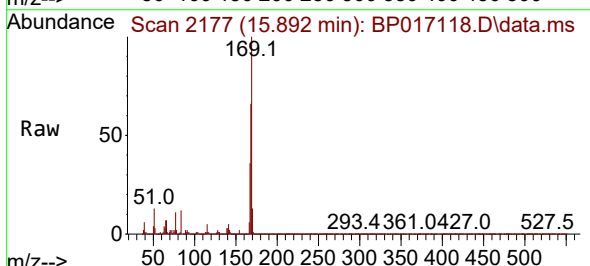
Instrument :
BNA_P
ClientSampleId :

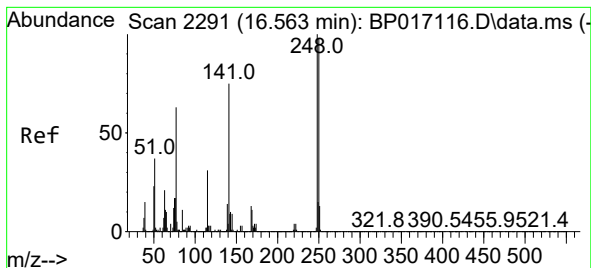
Tgt Ion:198 Resp: 840167
Ion Ratio Lower Upper
198 100
182 3.4 4.2 6.2#
77 22.0 22.5 33.7#



#67
N-Nitrosodiphenylamine
Concen: 84.641 ng/ul
RT: 15.892 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:169 Resp: 3309365
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 36.5 29.0 43.4

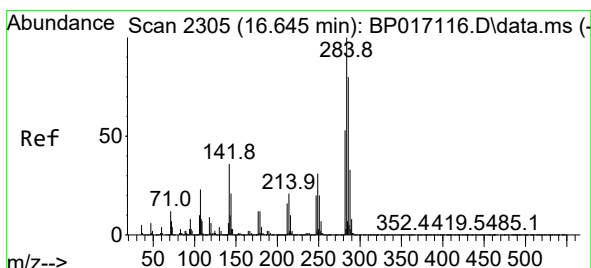
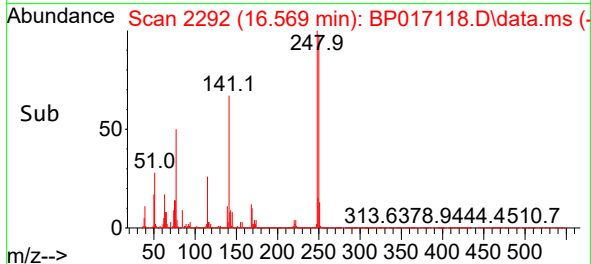
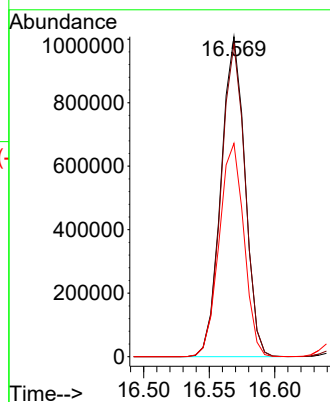
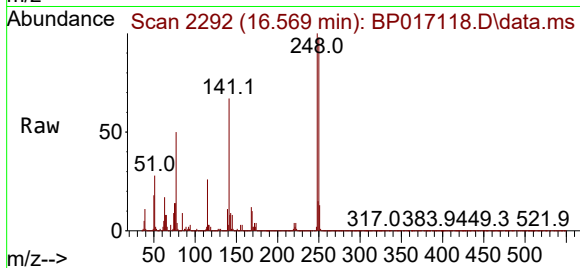




#68
4-Bromophenyl-phenylether
Concen: 89.199 ng/ul
RT: 16.569 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

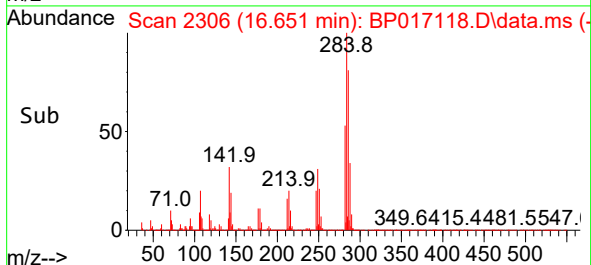
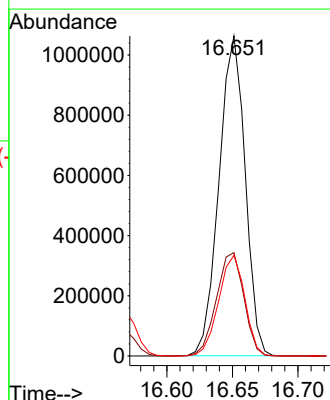
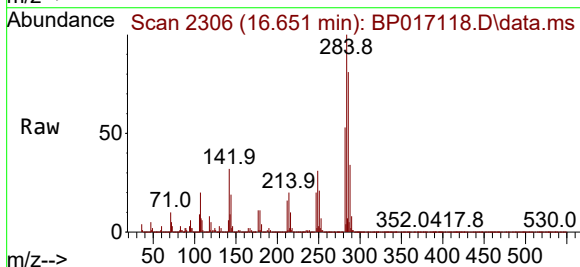
Instrument :
BNA_P
ClientSampleId :

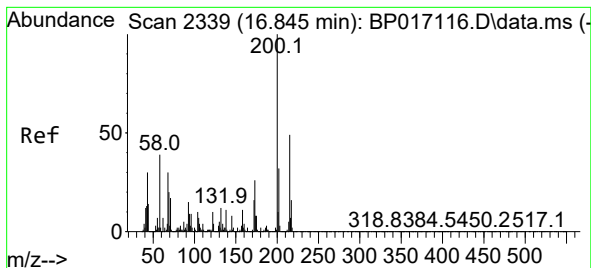
Tgt Ion:248 Resp: 1278551
Ion Ratio Lower Upper
248 100
250 97.7 78.6 118.0
141 66.7 60.4 90.6



#69
Hexachlorobenzene
Concen: 86.907 ng/ul
RT: 16.651 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:284 Resp: 1474451
Ion Ratio Lower Upper
284 100
142 32.3 28.6 42.8
249 31.4 25.0 37.6





#70

Atrazine

Concen: 85.694 ng/ul

RT: 16.851 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

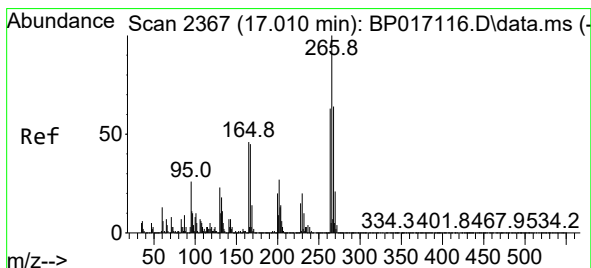
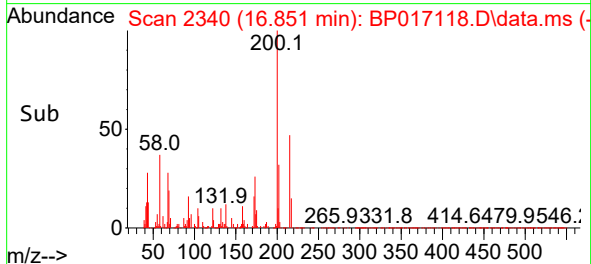
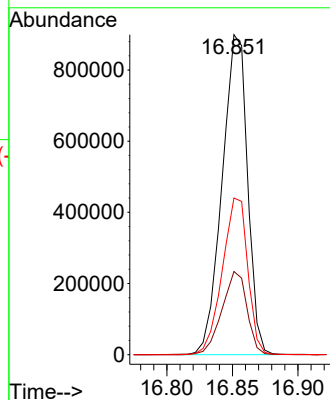
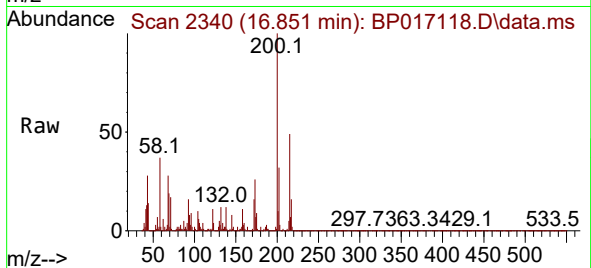
Tgt Ion:200 Resp: 1212838

Ion Ratio Lower Upper

200 100

173 26.0 20.7 31.1

215 49.0 38.8 58.2



#71

Pentachlorophenol

Concen: 90.514 ng/ul

RT: 17.016 min Scan# 2368

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

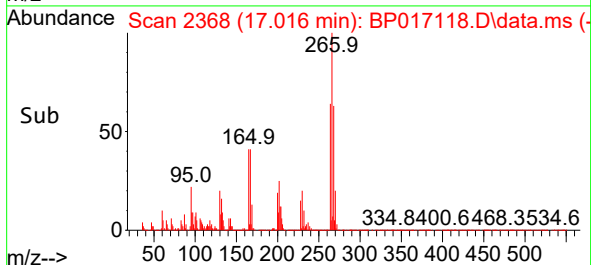
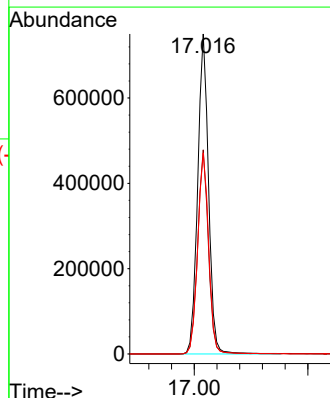
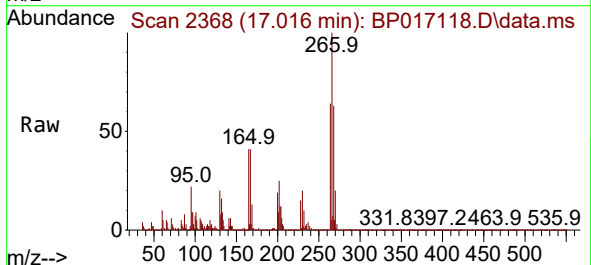
Tgt Ion:266 Resp: 997999

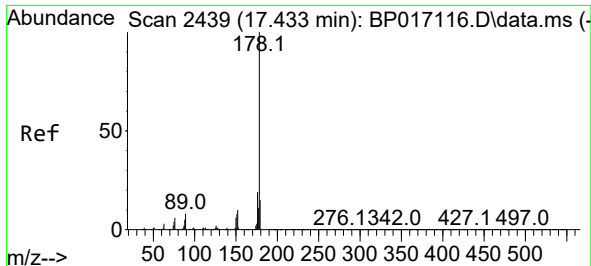
Ion Ratio Lower Upper

266 100

264 63.8 50.7 76.1

268 62.8 51.1 76.7

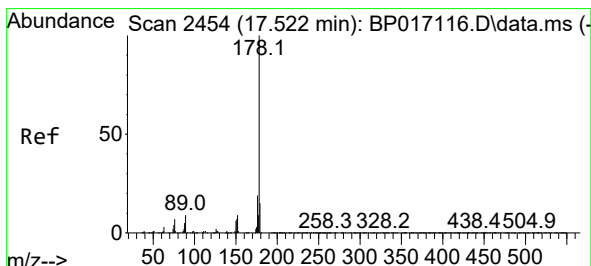
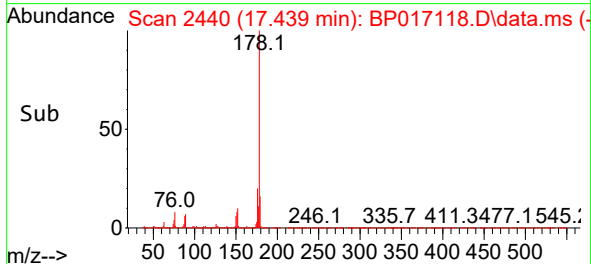
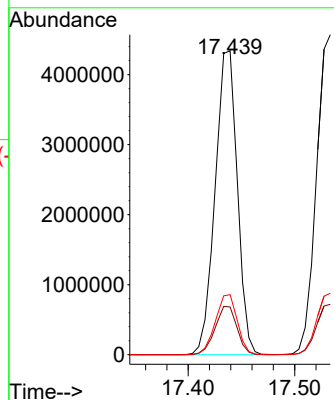
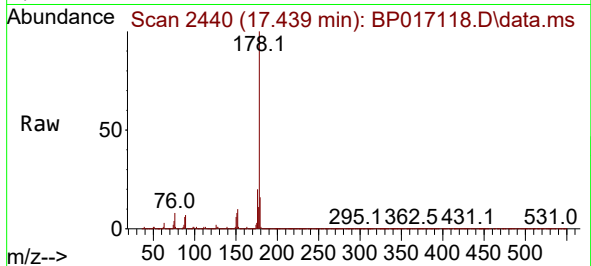




#72
Phenanthrene
Concen: 82.986 ng/ul
RT: 17.439 min Scan# 2439
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

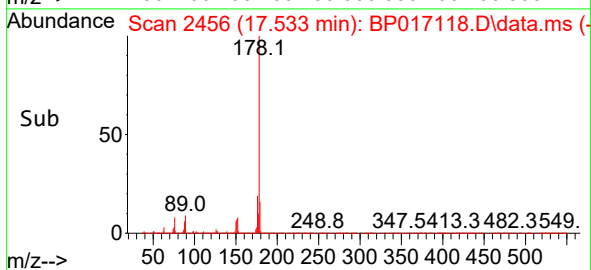
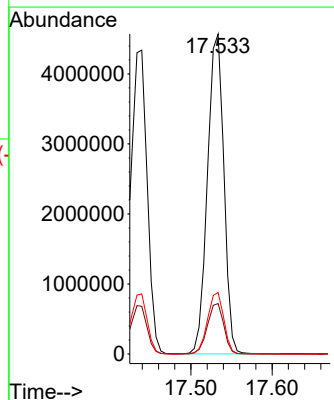
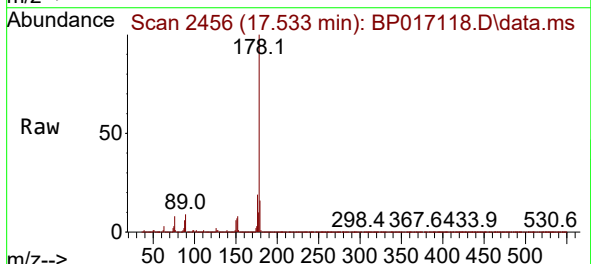
Instrument :
BNA_P
ClientSampleId :

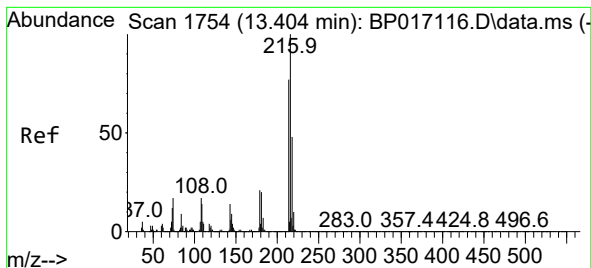
Tgt Ion:178 Resp: 6271041
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.7 15.6 23.4



#74
Anthracene
Concen: 83.536 ng/ul
RT: 17.533 min Scan# 2456
Delta R.T. 0.012 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:178 Resp: 6393548
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.2 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 86.084 ng/uL

RT: 13.410 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

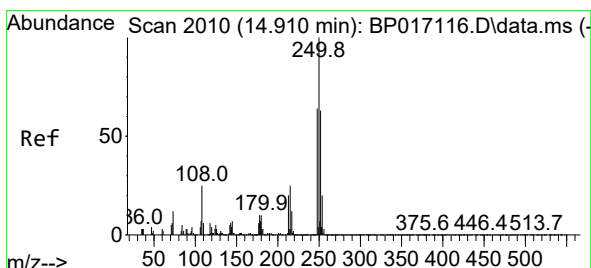
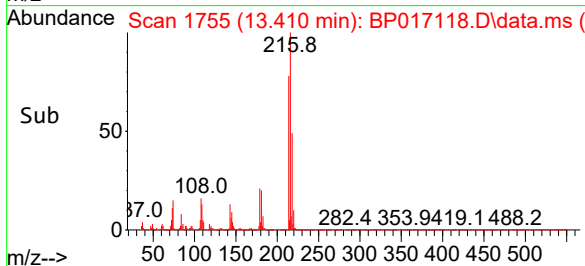
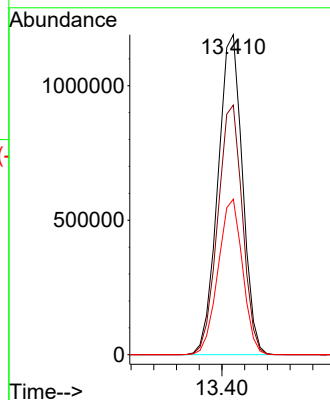
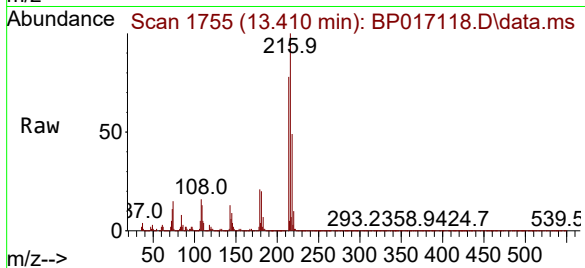
Tgt Ion:216 Resp: 1789758

Ion Ratio Lower Upper

216 100

214 78.0 61.3 91.9

218 48.6 38.3 57.5



#76

Pentachlorobenzene

Concen: 85.383 ng/uL

RT: 14.916 min Scan# 2011

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

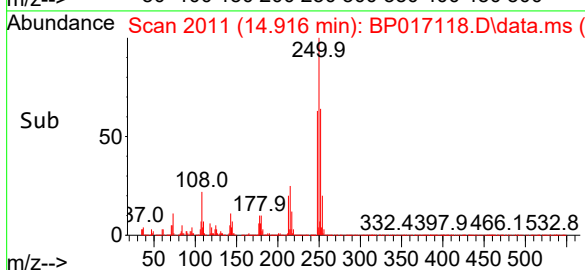
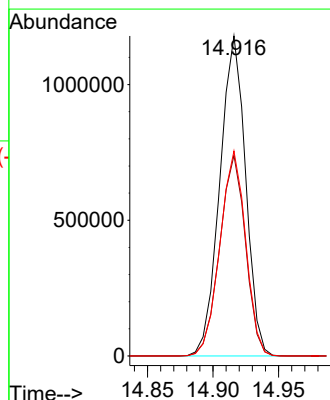
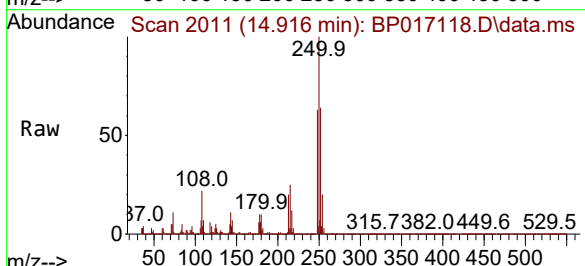
Tgt Ion:250 Resp: 1610799

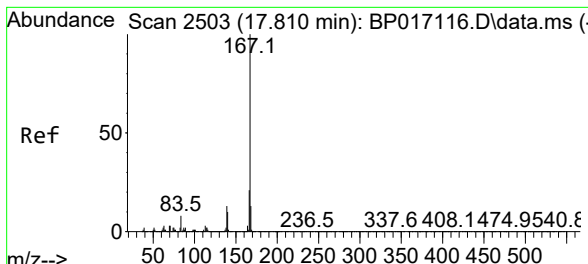
Ion Ratio Lower Upper

250 100

248 62.7 51.1 76.7

252 64.1 50.7 76.1



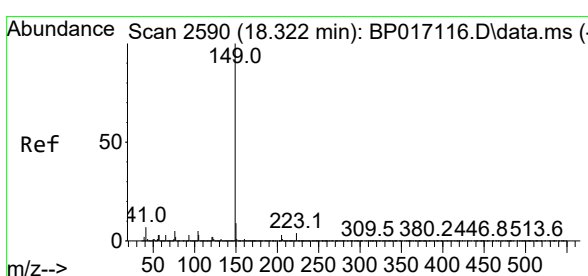
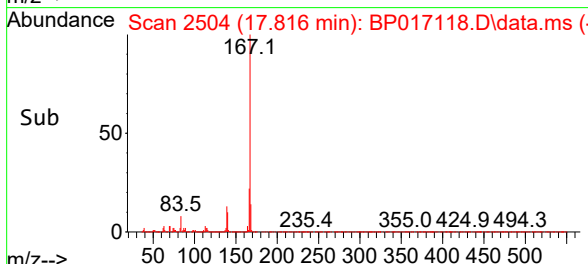
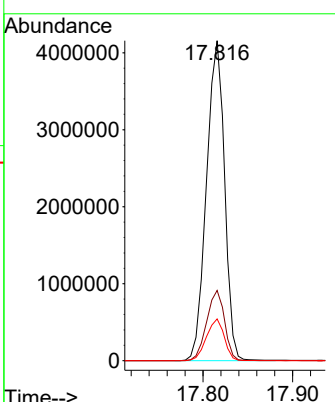
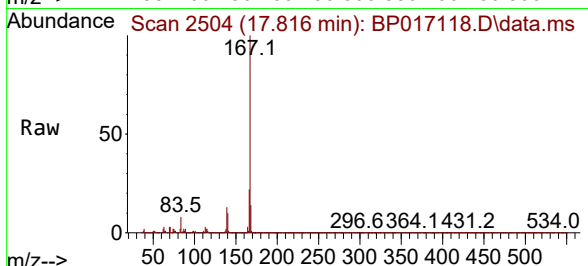


#77
 Carbazole
 Concen: 86.625 ng/ul
 RT: 17.816 min Scan# 2504
 Delta R.T. 0.006 min
 Lab File: BP017118.D
 Acq: 12 Sep 2023 14:48

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:167 Resp: 5821633

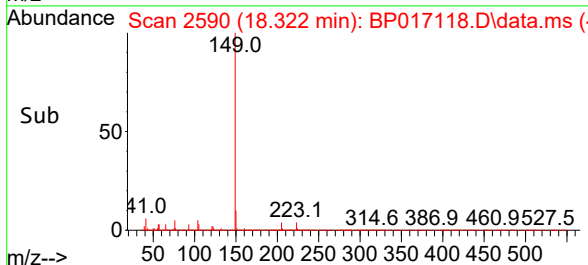
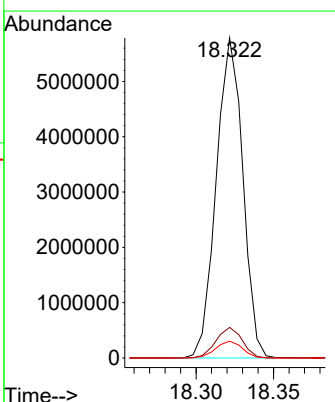
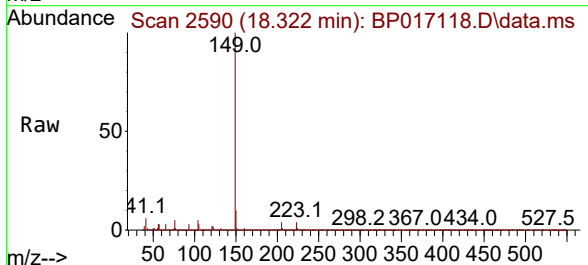
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	13.1	10.4	15.6

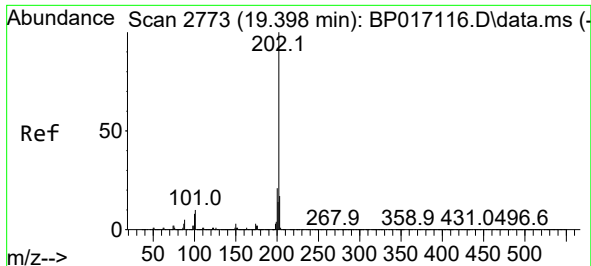


#78
 Di-n-butylphthalate
 Concen: 89.956 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BP017118.D
 Acq: 12 Sep 2023 14:48

Tgt Ion:149 Resp: 6888977

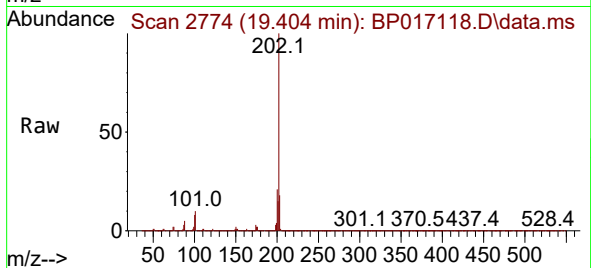
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.2	10.8
104	5.2	4.2	6.4



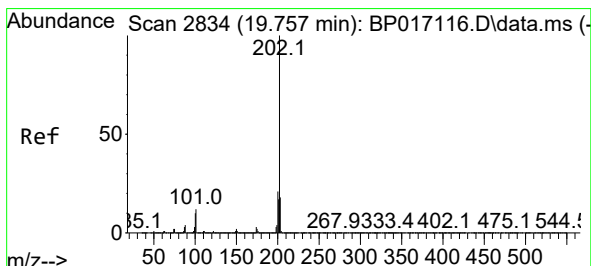
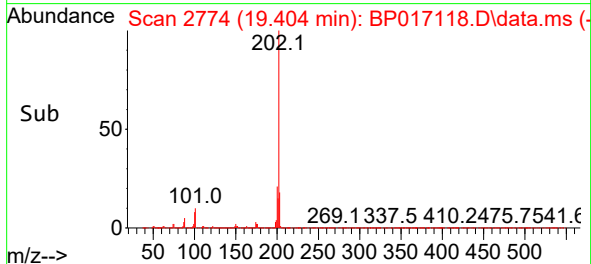
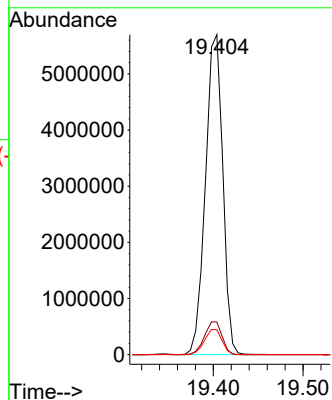


#80
Fluoranthene
Concen: 84.470 ng/ul
RT: 19.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Instrument :
BNA_P
ClientSampleId :

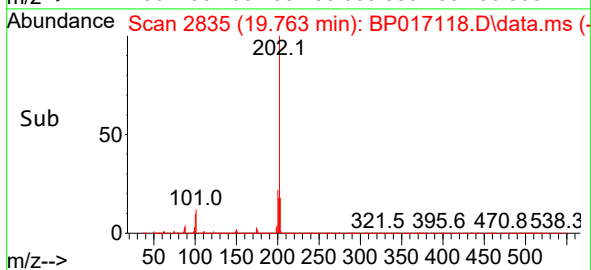
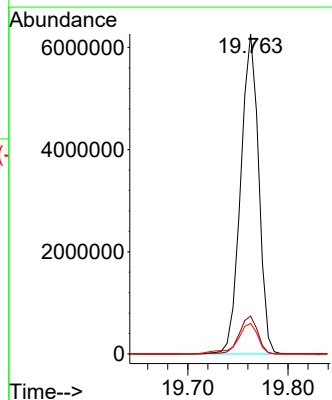
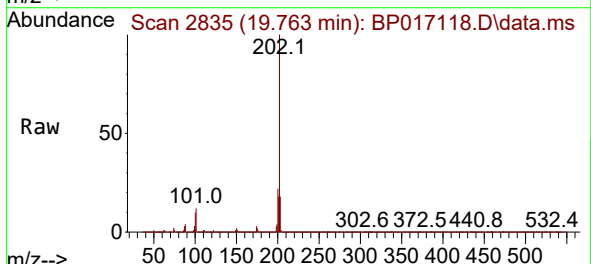


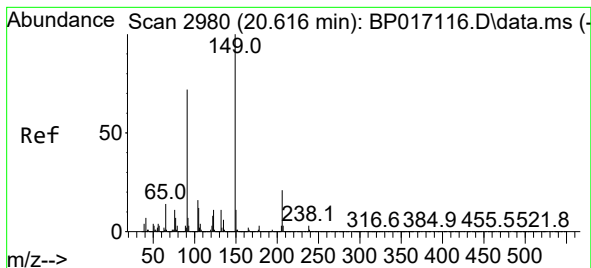
Tgt Ion:202 Resp: 7639686
Ion Ratio Lower Upper
202 100
101 10.3 8.3 12.5
100 7.8 6.4 9.6



#82
Pyrene
Concen: 81.773 ng/ul
RT: 19.763 min Scan# 2835
Delta R.T. 0.006 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:202 Resp: 7814623
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.6 7.8 11.8





#83

Butylbenzylphthalate

Concen: 94.595 ng/ul

RT: 20.616 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

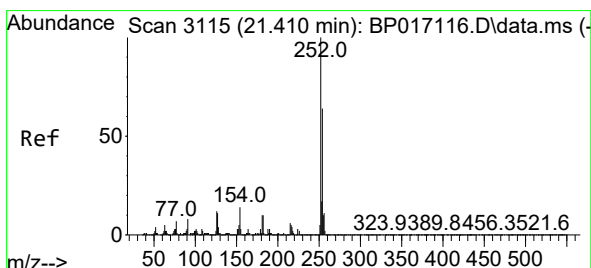
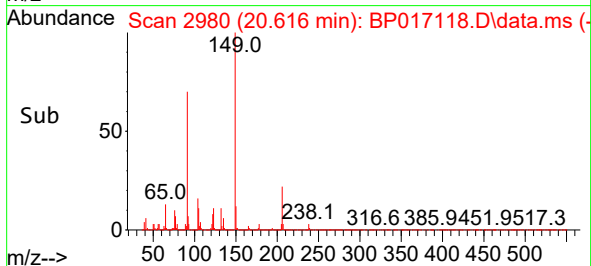
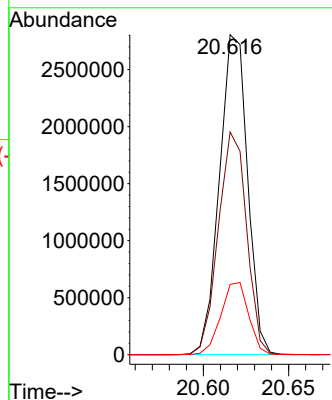
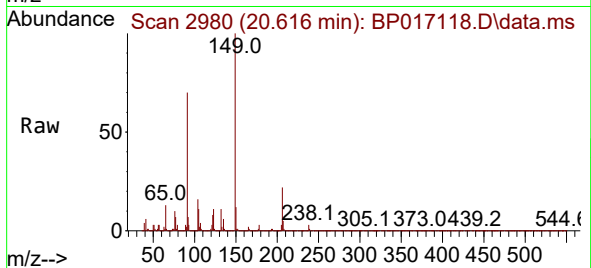
Tgt Ion:149 Resp: 3224121

Ion Ratio Lower Upper

149 100

91 69.6 57.4 86.0

206 22.0 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 87.790 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

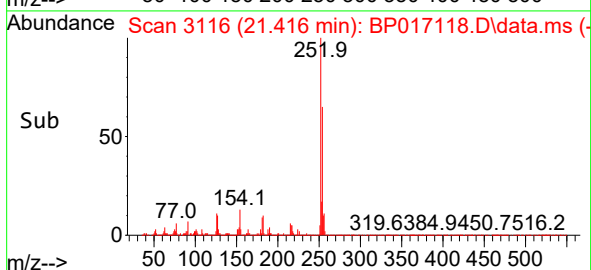
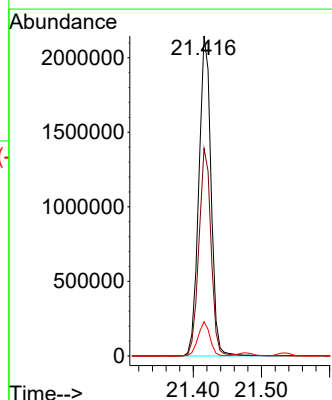
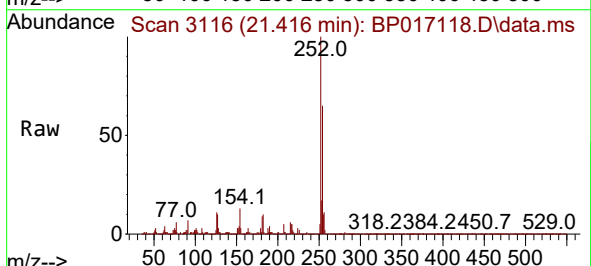
Tgt Ion:252 Resp: 2655560

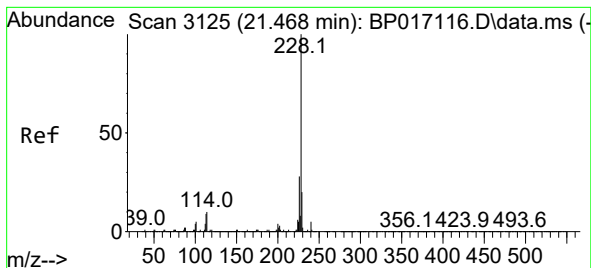
Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.2

126 10.7 9.4 14.2





#85

Benzo(a)anthracene

Concen: 84.631 ng/ul

RT: 21.474 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

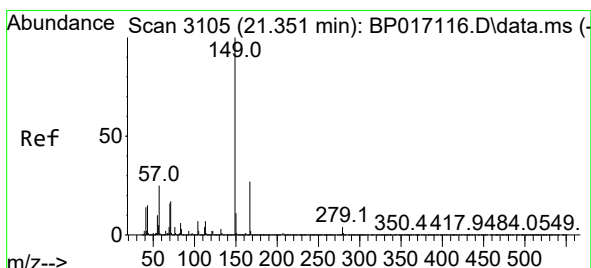
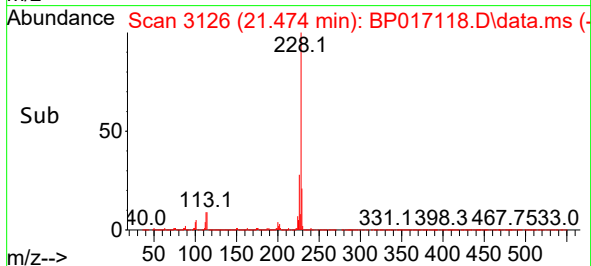
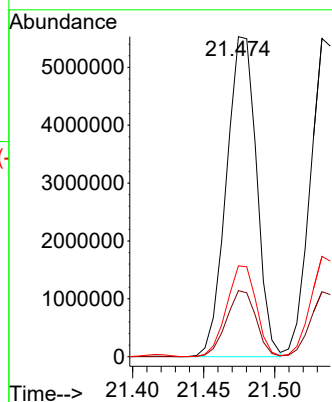
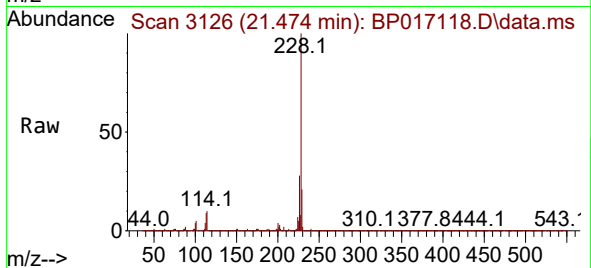
Tgt Ion:228 Resp: 8175757

Ion Ratio Lower Upper

228 100

229 20.7 16.1 24.1

226 28.4 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 94.283 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

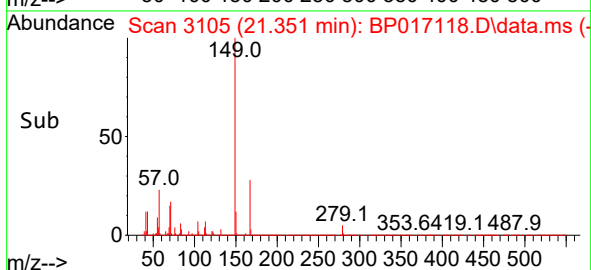
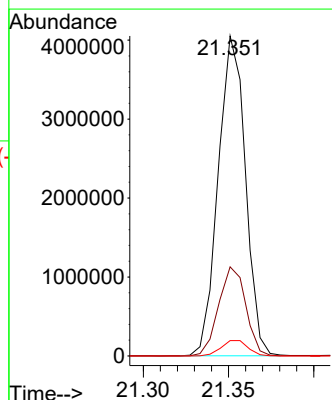
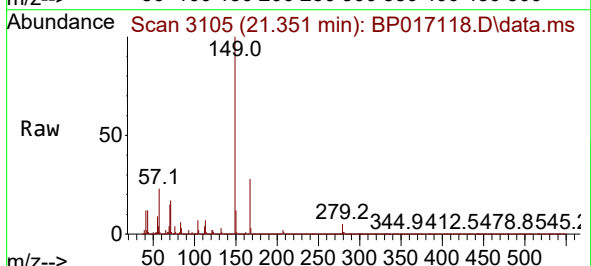
Tgt Ion:149 Resp: 4510962

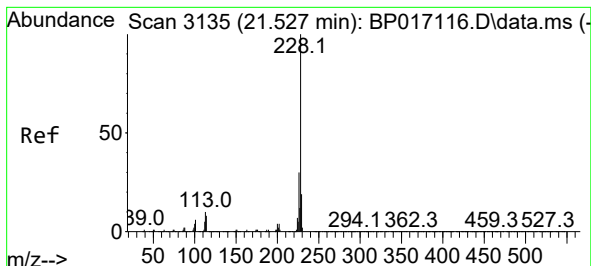
Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

279 4.8 3.4 5.2





#87

Chrysene

Concen: 83.866 ng/ul

RT: 21.533 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

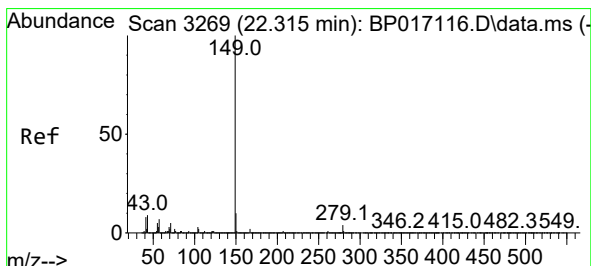
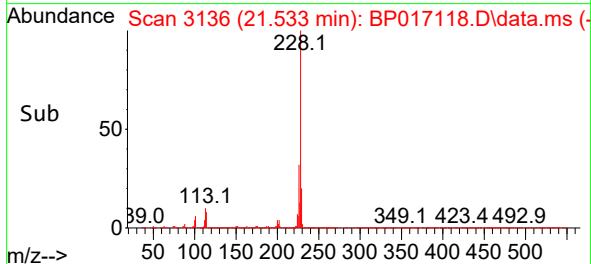
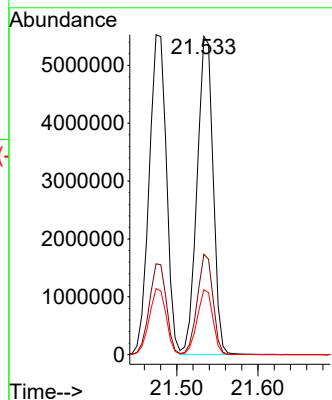
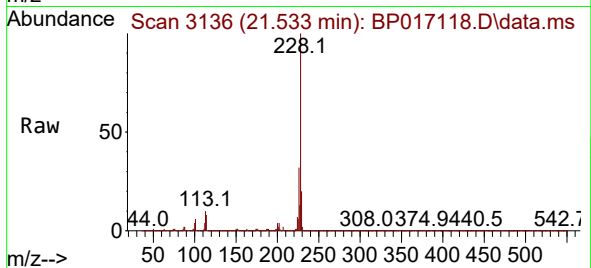
Tgt Ion:228 Resp: 7536568

Ion Ratio Lower Upper

228 100

226 31.5 23.9 35.9

229 20.4 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 89.905 ng/ul

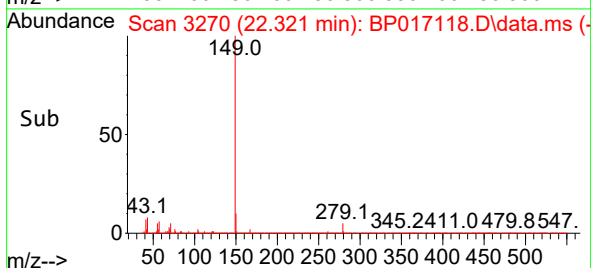
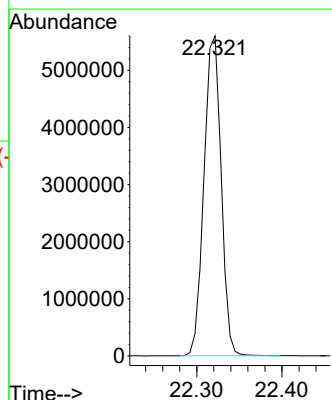
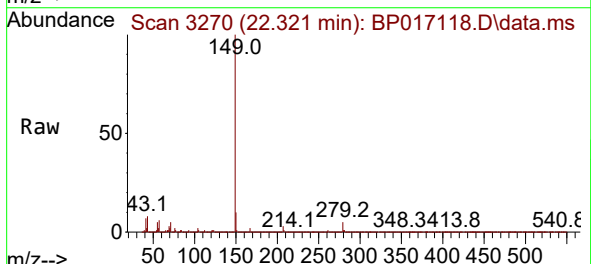
RT: 22.321 min Scan# 3270

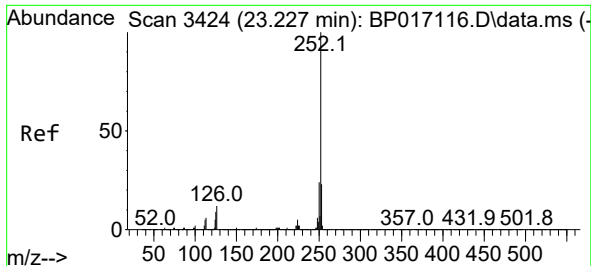
Delta R.T. 0.006 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Tgt Ion:149 Resp: 7848524

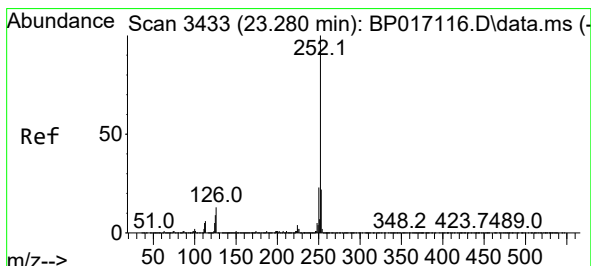
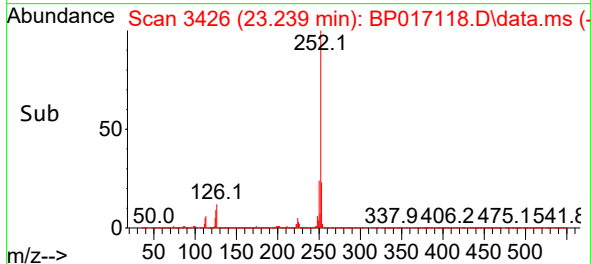
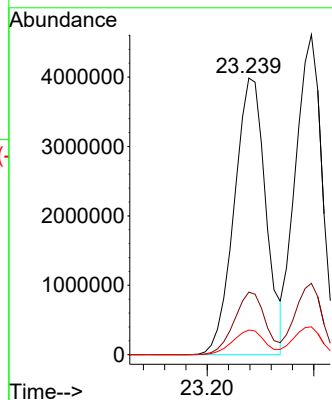
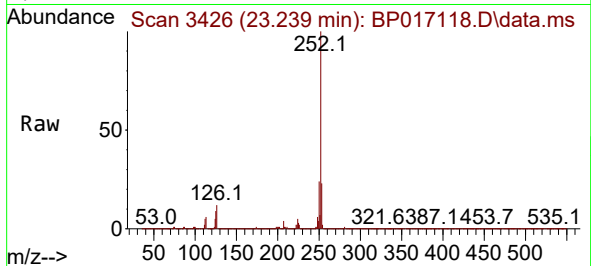




#90
Benzo(b)fluoranthene
Concen: 88.557 ng/ul
RT: 23.239 min Scan# 3426
Delta R.T. 0.012 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

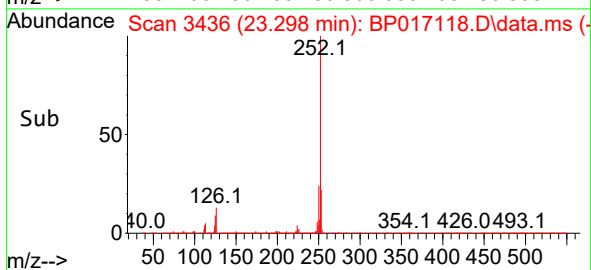
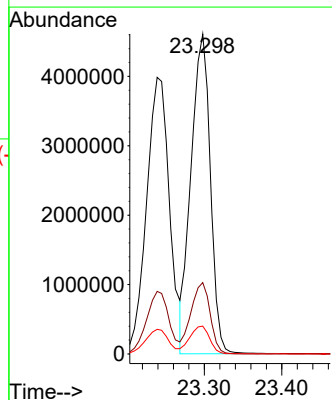
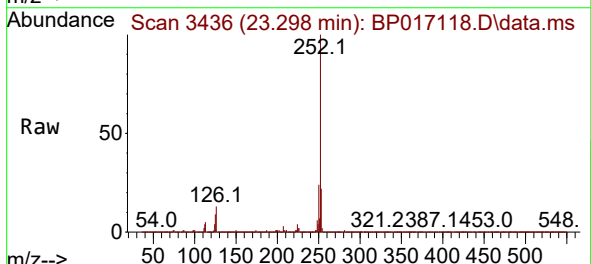
Instrument :
BNA_P
ClientSampleId :

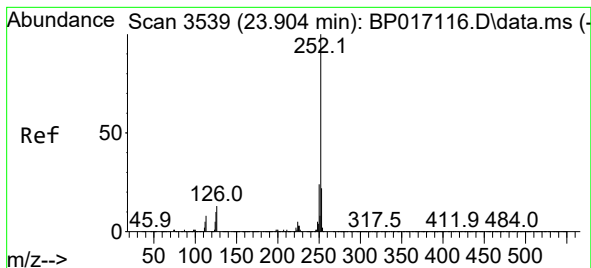
Tgt Ion:252 Resp: 8218263
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.9 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 86.263 ng/ul
RT: 23.298 min Scan# 3436
Delta R.T. 0.018 min
Lab File: BP017118.D
Acq: 12 Sep 2023 14:48

Tgt Ion:252 Resp: 7958381
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.7 7.4 11.2





#93

Benzo(a)pyrene

Concen: 87.918 ng/ul

RT: 23.921 min Scan# 3542

Delta R.T. 0.018 min

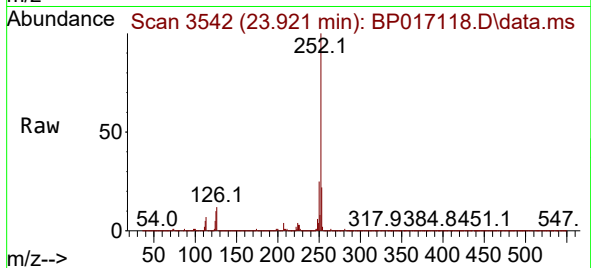
Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :



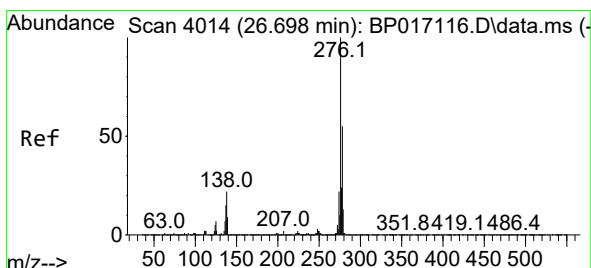
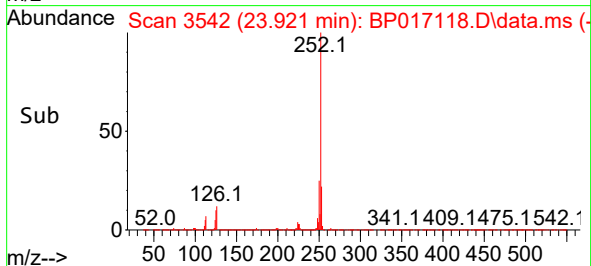
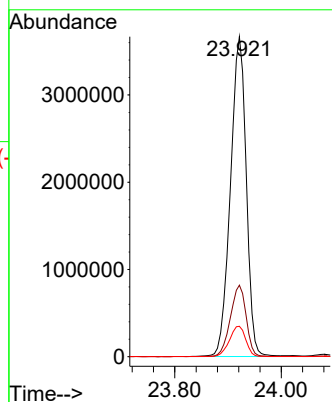
Tgt Ion:252 Resp: 7569578

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 9.5 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 85.582 ng/ul

RT: 26.721 min Scan# 4018

Delta R.T. 0.024 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

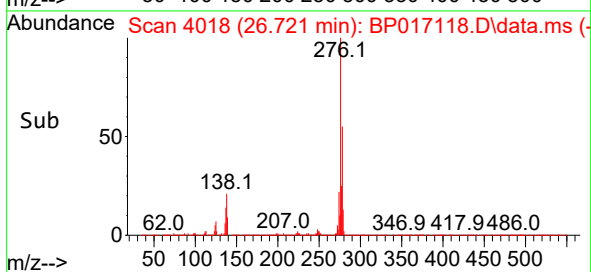
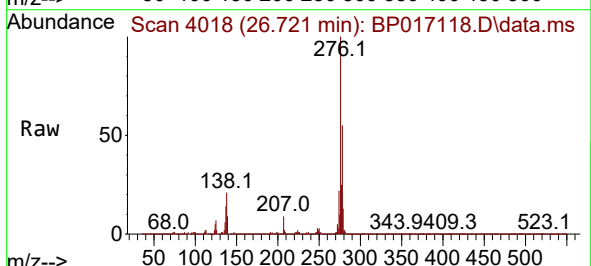
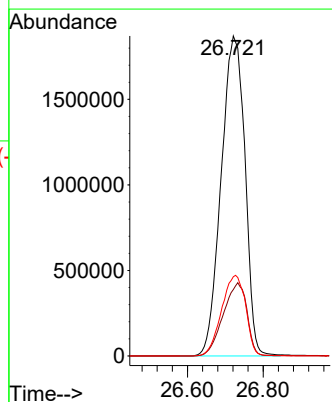
Tgt Ion:276 Resp: 8159414

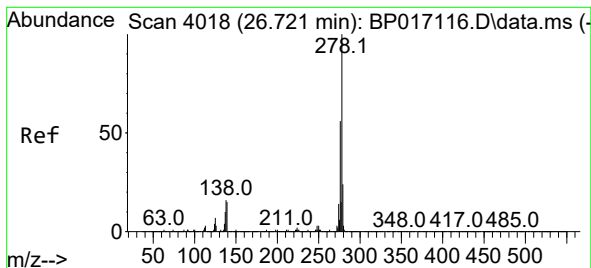
Ion Ratio Lower Upper

276 100

138 20.7 17.5 26.3

277 24.7 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 85.993 ng/ul

RT: 26.751 min Scan# 4018

Delta R.T. 0.029 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

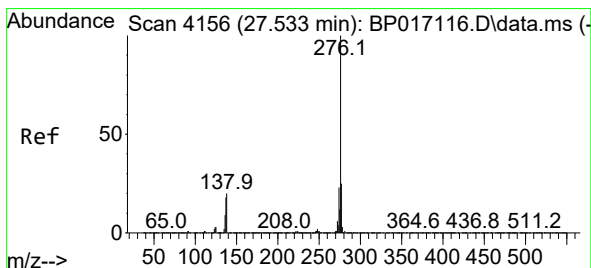
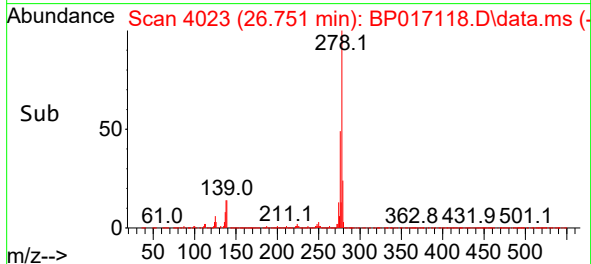
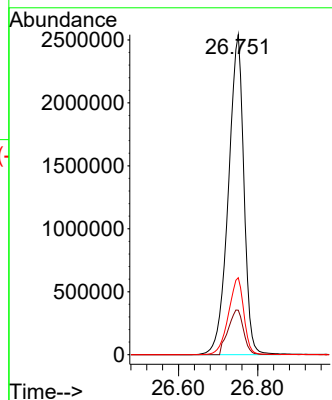
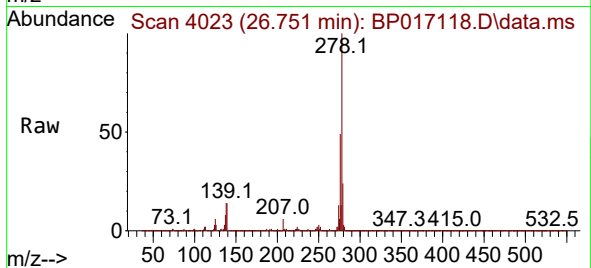
Tgt Ion:278 Resp: 6887045

Ion Ratio Lower Upper

278 100

139 13.9 11.9 17.9

279 24.1 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 83.136 ng/ul

RT: 27.562 min Scan# 4161

Delta R.T. 0.029 min

Lab File: BP017118.D

Acq: 12 Sep 2023 14:48

Tgt Ion:276 Resp: 6128921

Ion Ratio Lower Upper

276 100

138 19.8 16.2 24.4

277 24.3 19.6 29.4

