

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017117.D
 Acq On : 12 Sep 2023 14:13
 Operator : MA/JU
 Sample : SST04052
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 12 22:48:45 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	7.958	152	249766	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1102385	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	703843	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.387	188	1606497	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1608902	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	1753888	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	101801	17.128	ng/uL	0.00
4) Pyridine-d5	3.746	84	730972	42.992	ng/ul	0.00
7) Phenol-d5	7.111	99	879820	43.321	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	543882	42.846	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	707366	43.660	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	726989	43.192	ng/ul	0.00
21) Nitrobenzene-d5	9.158	128	349816	45.318	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	385631	46.795	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	714248	44.816	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	1049251	43.679	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	2198045	43.885	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	2538563	44.667	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	432283	44.655	ng/ul	0.00
60) Fluorene-d10	15.616	176	1894407	43.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	402783	44.876	ng/ul	0.00
73) Anthracene-d10	17.492	188	3036756	44.490	ng/ul	0.00
81) Pyrene-d10	19.728	212	3658413	43.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	3676979	44.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	108377	16.957	ng/uL	97
5) Pyridine	3.770	79	763843	43.372	ng/ul	99
6) Benzaldehyde	7.116	77	521979	46.165	ng/ul	99
8) Phenol	7.140	94	922607	43.073	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.393	93	731797	42.835	ng/ul	99
12) 2-Chlorophenol	7.511	128	715420	43.503	ng/ul	99
13) 2-Methylphenol	8.399	108	687615	43.061	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	575111	26.782	ng/ul	99
16) Acetophenone	8.810	105	1160380	44.046	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	596620	44.070	ng/ul	99
18) 4-Methylphenol	8.740	108	762954	43.186	ng/ul	96
19) Hexachloroethane	9.022	117	290276	42.918	ng/ul	99
22) Nitrobenzene	9.205	77	878417	43.697	ng/ul	98
23) Isophorone	9.716	82	1677420	44.528	ng/ul	99
25) 2-Nitrophenol	9.905	139	418199	45.659	ng/ul	99
26) 2,4-Dimethylphenol	9.946	107	806460	43.204	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.205	93	1002831	42.474	ng/ul	99
29) 2,4-Dichlorophenol	10.422	162	706815	43.813	ng/ul	99
30) Naphthalene	10.834	128	2369242	42.472	ng/ul	100
32) 4-Chloroaniline	10.975	127	1027318	43.825	ng/ul	98
33) Hexachlorobutadiene	11.063	225	466697	42.604	ng/ul	99
34) Caprolactam	11.810	113	151842	31.131	ng/ul	93
35) 4-Chloro-3-methylphenol	12.075	107	780786	44.731	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	1624327	43.153	ng/ul	98

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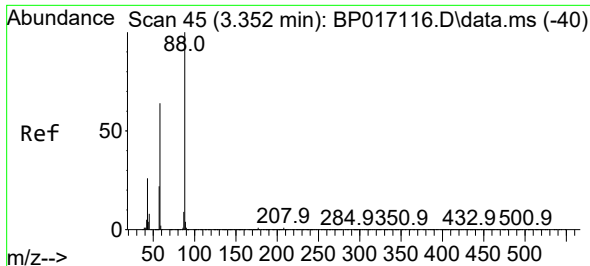
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	1647430	43.238	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.793	216	913093	43.557	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	528346	40.451	ng/ul	99
41) 2,4,6-Trichlorophenol	13.046	196	595273	44.699	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	639173	45.145	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	2159253	42.783	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	1726216	43.069	ng/ul	99
45) 2-Nitroaniline	13.734	65	513647	47.313	ng/ul	99
47) Dimethylphthalate	14.081	163	2192218	43.115	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	438634	47.200	ng/ul	100
50) Acenaphthylene	14.345	152	2883687	43.921	ng/ul	100
51) 3-Nitroaniline	14.569	138	450307	45.283	ng/ul	95
52) Acenaphthene	14.681	153	1858035	42.766	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	267002	41.009	ng/ul	99
55) 4-Nitrophenol	14.857	109	343725	44.364	ng/ul	96
56) Dibenzofuran	15.022	168	2566385	42.745	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	664074	47.976	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.234	232	558306	44.950	ng/ul	99
59) Diethylphthalate	15.440	149	2191545	43.656	ng/ul	99
61) Fluorene	15.675	166	2141501	43.142	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	1090206	43.198	ng/ul	99
63) 4-Nitroaniline	15.740	138	436977	47.267	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	429291	44.567	ng/ul#	94
67) N-Nitrosodiphenylamine	15.887	169	1807132	43.262	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	670241	43.768	ng/ul	96
69) Hexachlorobenzene	16.645	284	782338	43.162	ng/ul	99
70) Atrazine	16.845	200	692809	45.819	ng/ul	99
71) Pentachlorophenol	17.010	266	508236	43.146	ng/ul	99
72) Phenanthrene	17.434	178	3483525	43.149	ng/ul	99
74) Anthracene	17.528	178	3556245	43.492	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	957039	43.087	ng/ul	99
76) Pentachlorobenzene	14.910	250	864212	42.878	ng/ul	99
77) Carbazole	17.810	167	3188305	44.406	ng/ul	100
78) Di-n-butylphthalate	18.322	149	3780506	46.207	ng/ul	100
80) Fluoranthene	19.398	202	4269925	43.295	ng/ul	100
82) Pyrene	19.757	202	4447022	42.674	ng/ul	99
83) Butylbenzylphthalate	20.616	149	1729611	46.537	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.416	252	1488841	45.137	ng/ul	98
85) Benzo(a)anthracene	21.475	228	4604058	43.705	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	2491716	47.759	ng/ul	99
87) Chrysene	21.533	228	4229802	43.164	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	4342241	44.650	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	4475219	43.288	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	4427171	43.076	ng/ul	99
93) Benzo(a)pyrene	23.916	252	4218837	43.986	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	4912665	46.255	ng/ul	98
95) Dibenzo(a,h)anthracene	26.733	278	4136277	46.361	ng/ul	99
96) Benzo(g,h,i)perylene	27.551	276	3782268	46.054	ng/ul	100

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

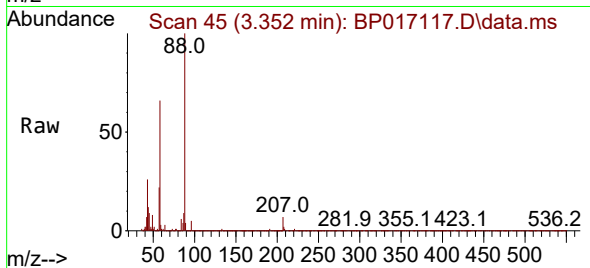
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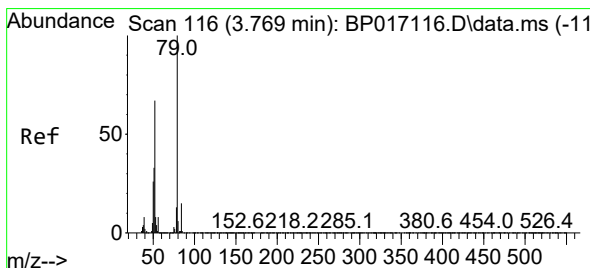
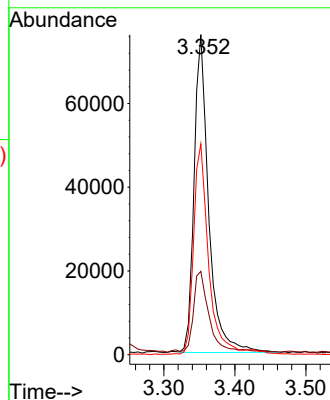
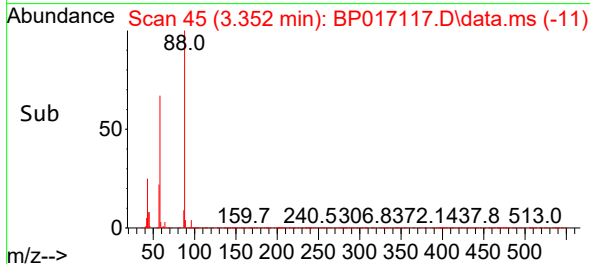


#2
 1,4-Dioxane
 Concen: 16.957 ng/uL
 RT: 3.352 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BP017117.D
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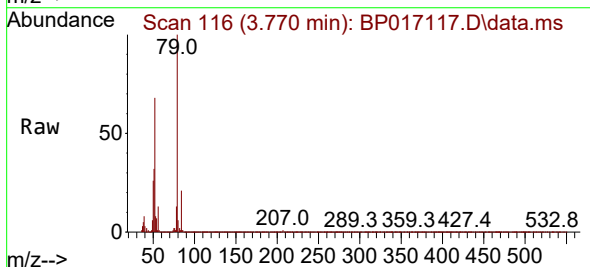
Instrument :
 BNA_P
 ClientSampleId :



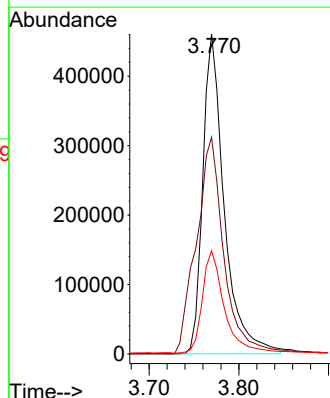
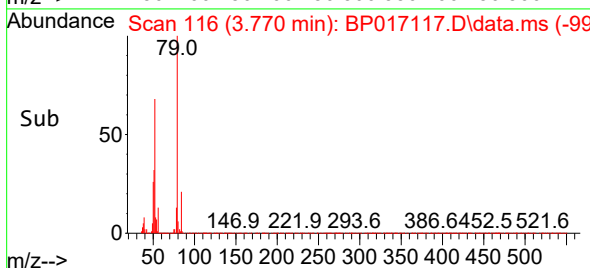
Tgt Ion: 88 Resp: 108377
 Ion Ratio Lower Upper
 88 100
 43 26.0 21.9 32.9
 58 65.9 50.8 76.2

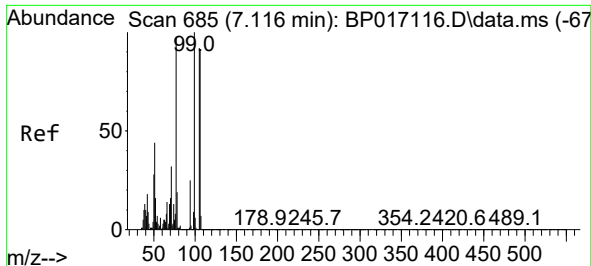


#5
 Pyridine
 Concen: 43.372 ng/uL
 RT: 3.770 min Scan# 116
 Delta R.T. 0.000 min
 Lab File: BP017117.D
 Acq: 12 Sep 2023 14:13



Tgt Ion: 79 Resp: 763843
 Ion Ratio Lower Upper
 79 100
 52 67.7 54.5 81.7
 51 32.3 27.0 40.6

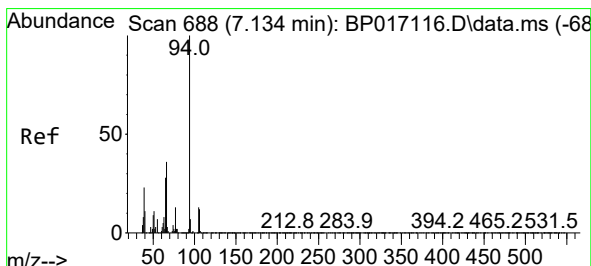
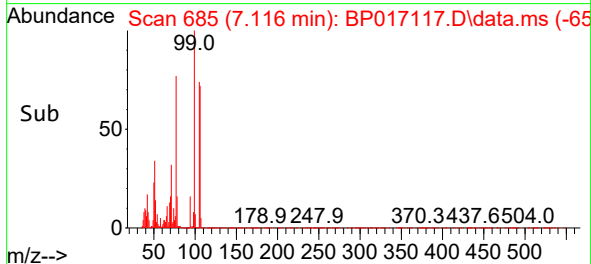
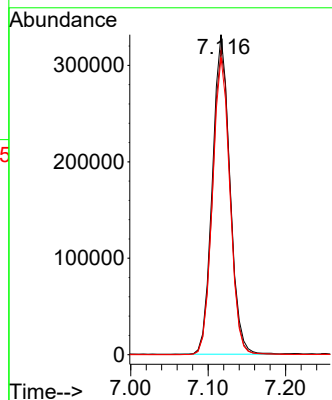
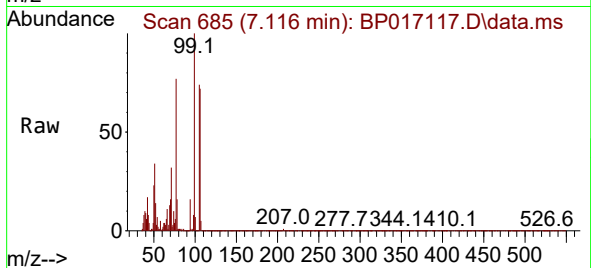




#6
Benzaldehyde
Concen: 46.165 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

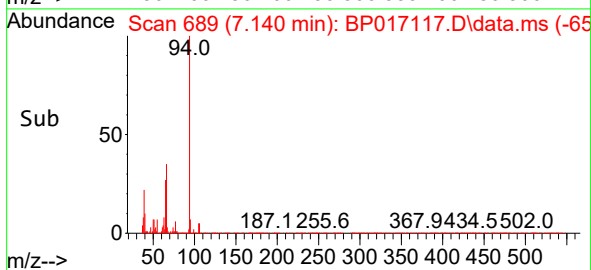
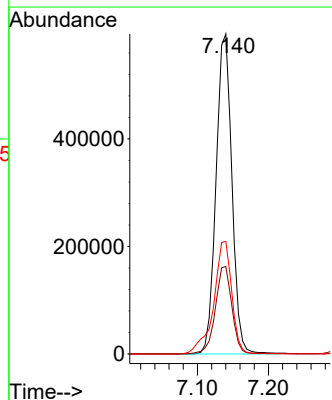
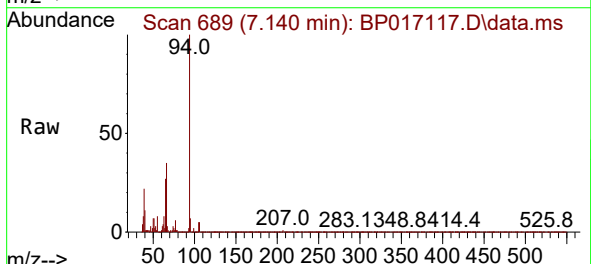
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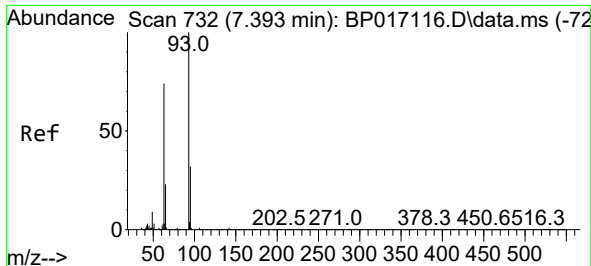
Tgt Ion: 77 Resp: 521979
Ion Ratio Lower Upper
77 100
105 95.2 75.3 112.9
106 92.9 74.6 111.8



#8
Phenol
Concen: 43.073 ng/ul
RT: 7.140 min Scan# 689
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion: 94 Resp: 922607
Ion Ratio Lower Upper
94 100
65 27.3 22.7 34.1
66 35.2 29.6 44.4

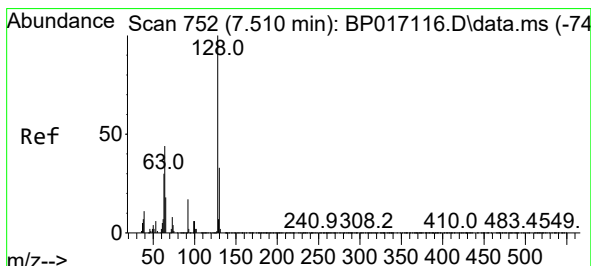
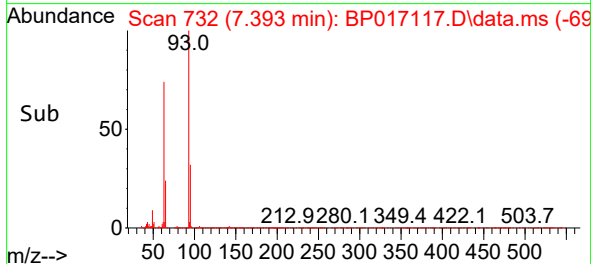
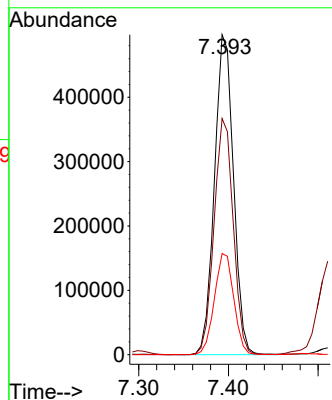
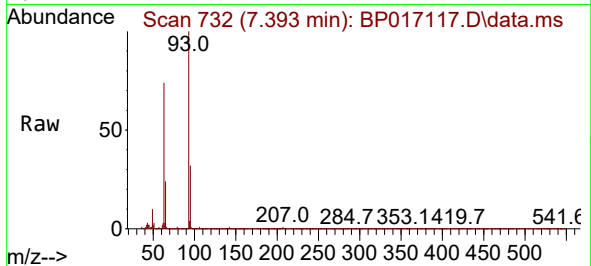




#10
Bis(2-Chloroethyl)ether
Concen: 42.835 ng/ul
RT: 7.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

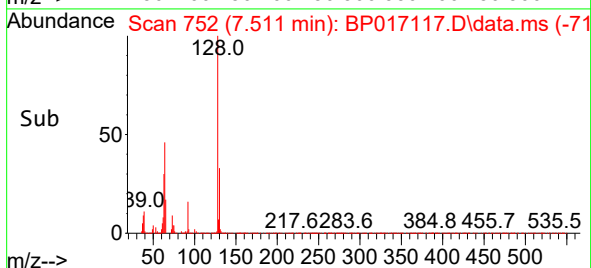
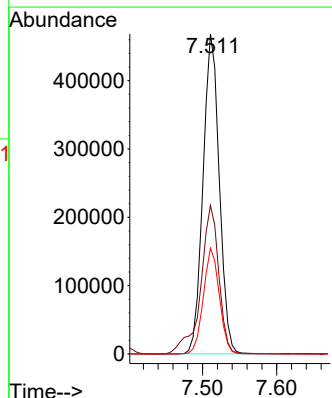
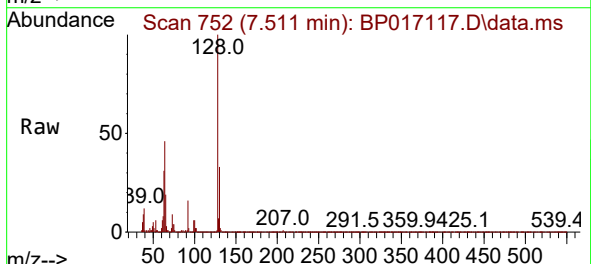
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BNA_P
ClientSampleId :

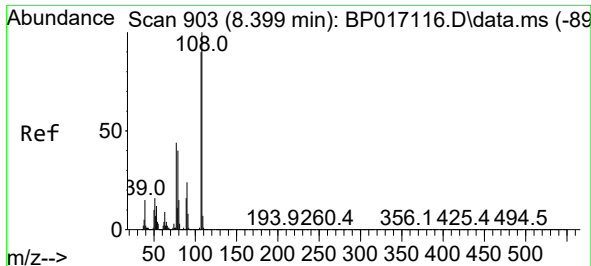
Tgt Ion: 93 Resp: 731797
Ion Ratio Lower Upper
93 100
63 73.8 59.5 89.3
95 31.6 25.8 38.6



#12
2-Chlorophenol
Concen: 43.503 ng/ul
RT: 7.511 min Scan# 752
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:128 Resp: 715420
Ion Ratio Lower Upper
128 100
64 46.5 36.8 55.2
130 33.1 26.3 39.5





#13

2-Methylphenol

Concen: 43.061 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

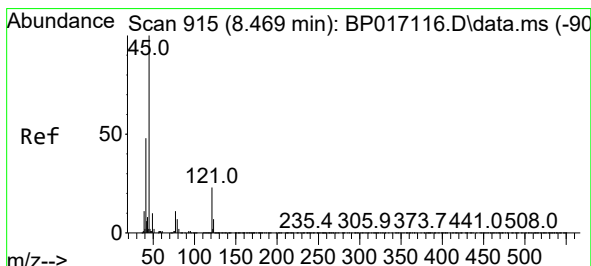
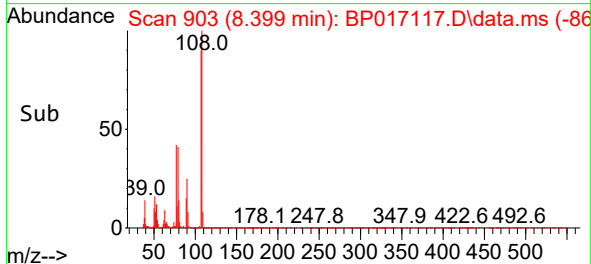
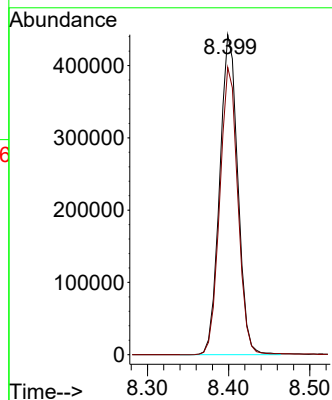
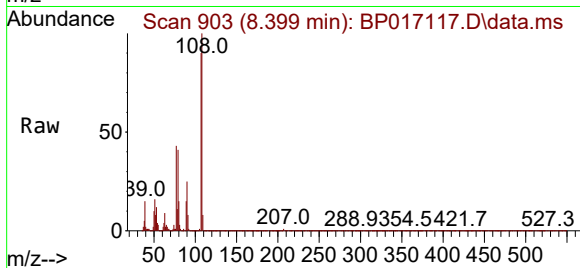
ClientSampleId :

Tgt Ion:108 Resp: 687615

Ion Ratio Lower Upper

108 100

107 89.8 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 26.782 ng/ul

RT: 8.475 min Scan# 916

Delta R.T. 0.006 min

Lab File: BP017117.D

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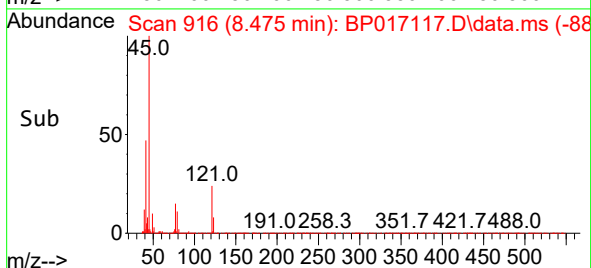
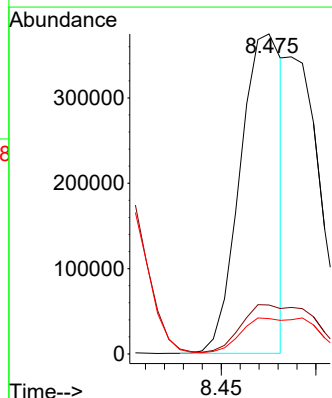
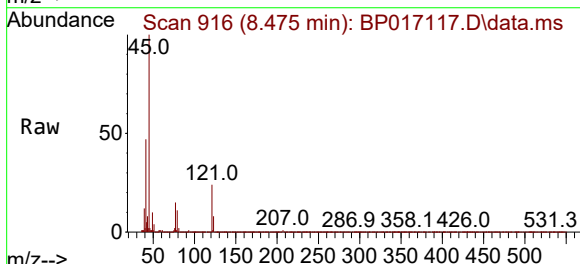
Tgt Ion: 45 Resp: 575111

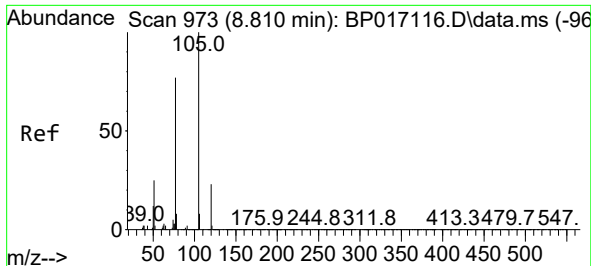
Ion Ratio Lower Upper

45 100

77 15.3 12.5 18.7

79 11.1 8.8 13.2

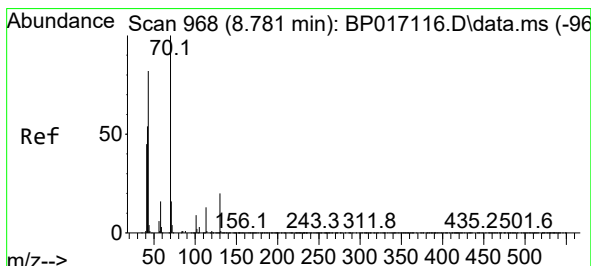
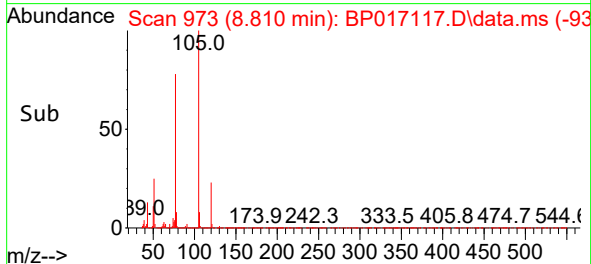
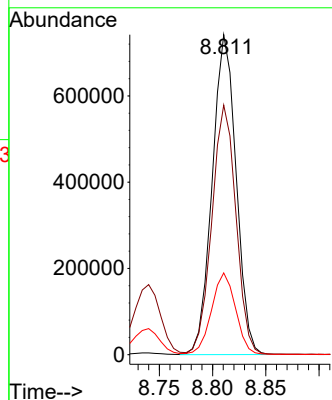
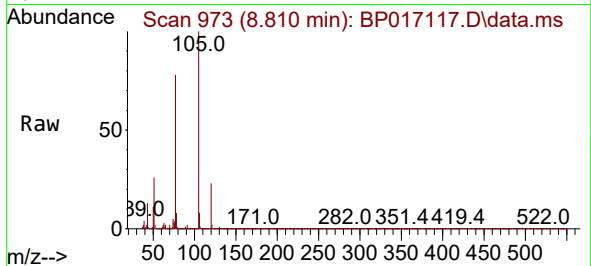




#16
Acetophenone
Concen: 44.046 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

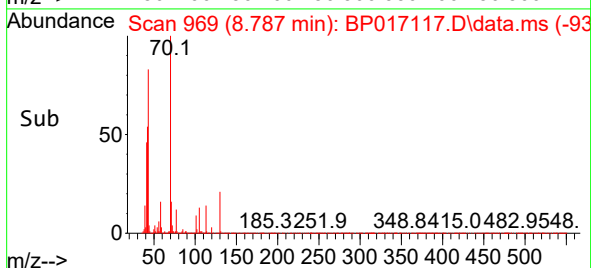
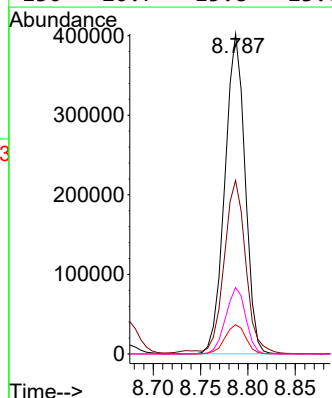
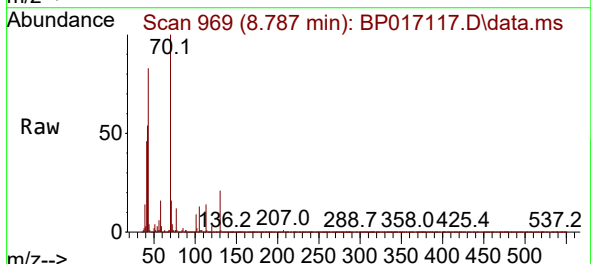
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ClientSampleId :

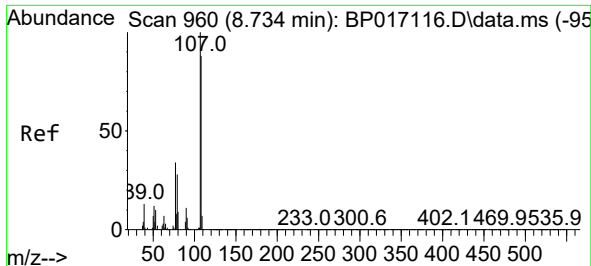
Tgt Ion:105 Resp: 1160380
Ion Ratio Lower Upper
105 100
77 78.0 63.0 94.4
51 25.6 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 44.070 ng/ul
RT: 8.787 min Scan# 969
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion: 70 Resp: 596620
Ion Ratio Lower Upper
70 100
42 54.3 43.9 65.9
101 9.2 7.0 10.4
130 20.7 15.8 23.6

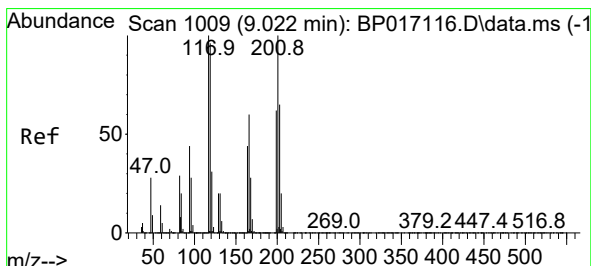
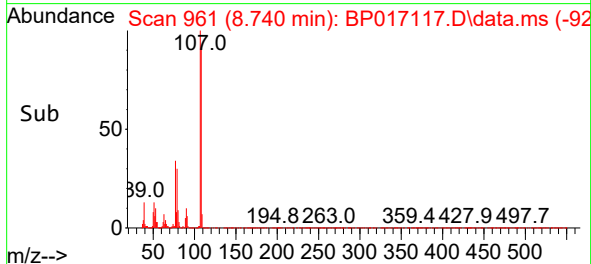
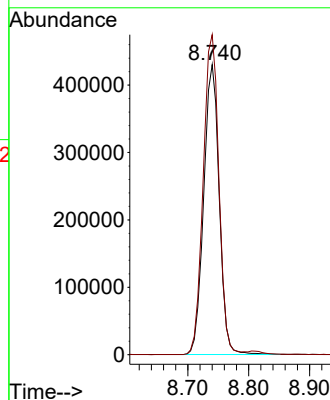
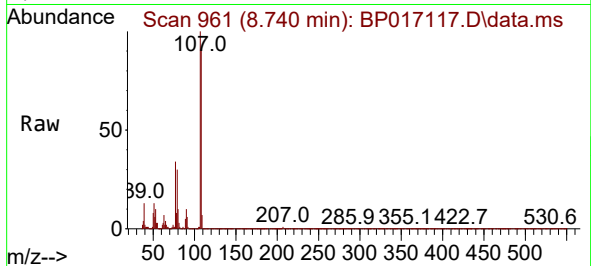




#18
4-Methylphenol
Concen: 43.186 ng/ul
RT: 8.740 min Scan# 960
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

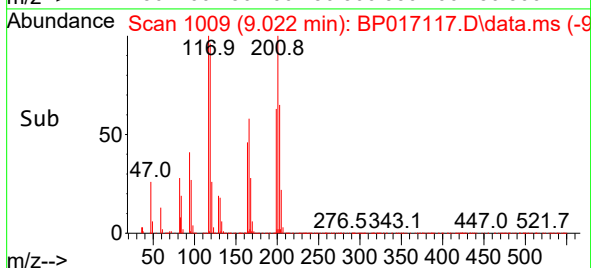
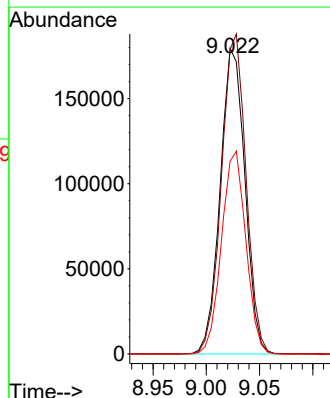
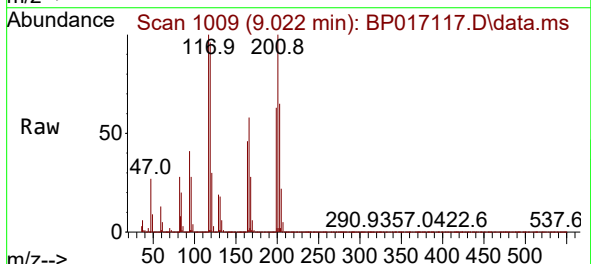
Instrument :
BNA_P
ClientSampleId :

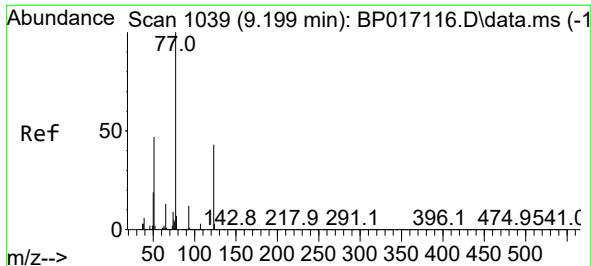
Tgt Ion:108 Resp: 762954
Ion Ratio Lower Upper
108 100
107 110.3 91.4 137.0



#19
Hexachloroethane
Concen: 42.918 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:117 Resp: 290276
Ion Ratio Lower Upper
117 100
201 99.6 79.9 119.9
199 63.1 49.4 74.2

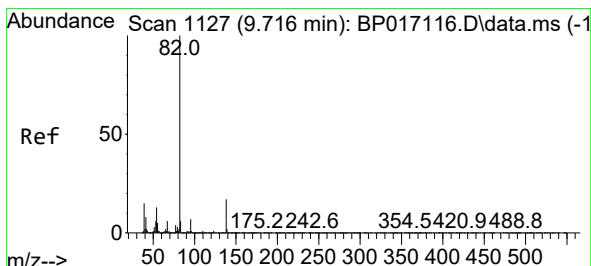
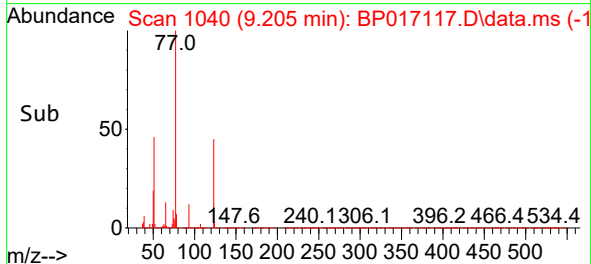
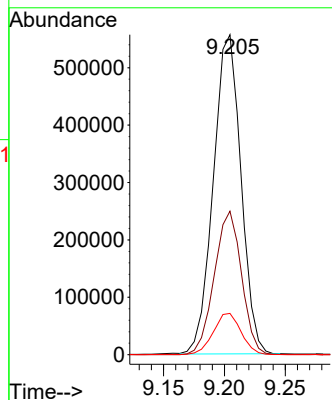
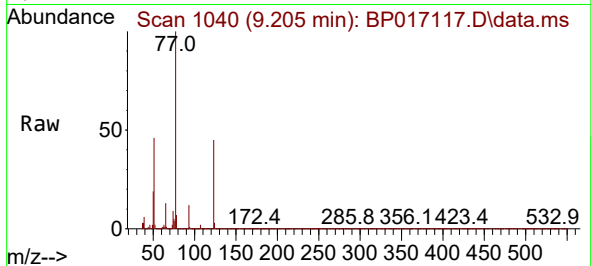




#22
Nitrobenzene
Concen: 43.697 ng/ul
RT: 9.205 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

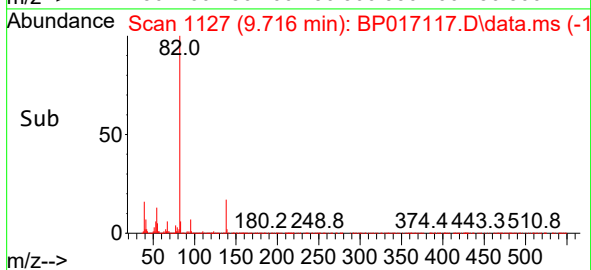
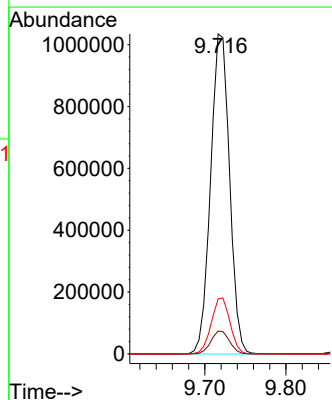
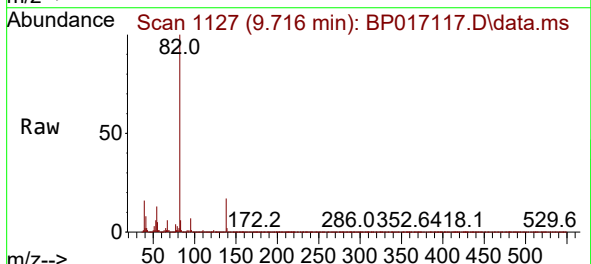
Instrument :
BNA_P
ClientSampleId :

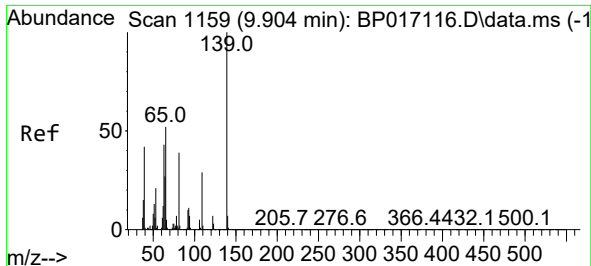
Tgt Ion: 77 Resp: 878417
Ion Ratio Lower Upper
77 100
123 44.9 34.6 51.8
65 12.9 10.6 16.0



#23
Isophorone
Concen: 44.528 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion: 82 Resp: 1677420
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.2 14.0 21.0

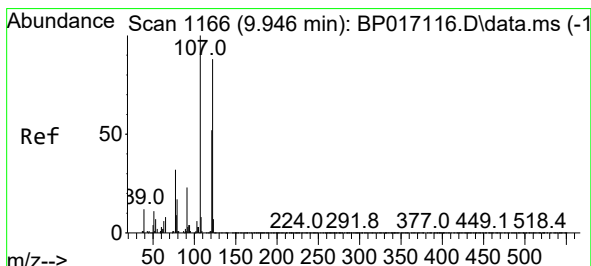
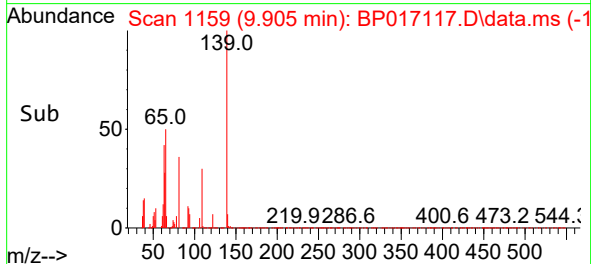
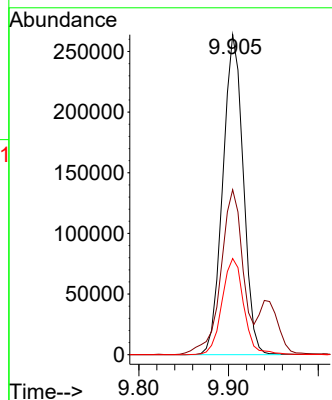
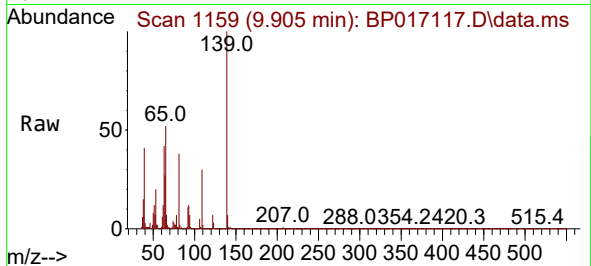




#25
2-Nitrophenol
Concen: 45.659 ng/ul
RT: 9.905 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

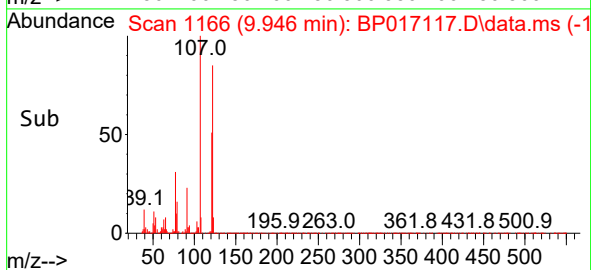
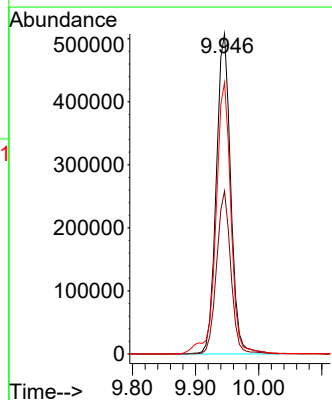
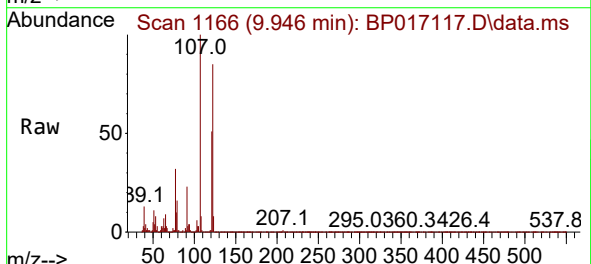
Instrument :
BNA_P
ClientSampleId :

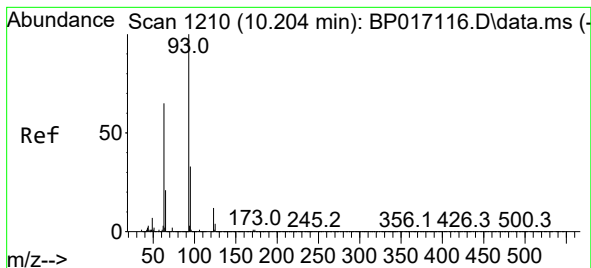
Tgt Ion	Ratio	Lower	Upper
139	100		
65	51.5	41.9	62.9
109	30.0	23.5	35.3



#26
2,4-Dimethylphenol
Concen: 43.204 ng/ul
RT: 9.946 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.9	41.7	62.5
122	84.8	70.4	105.6

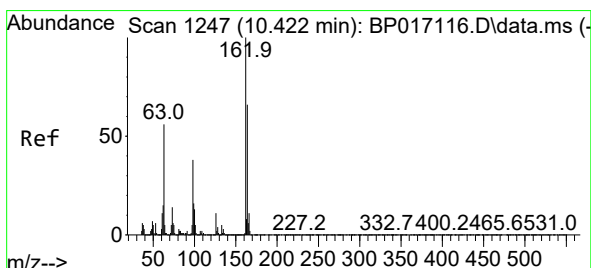
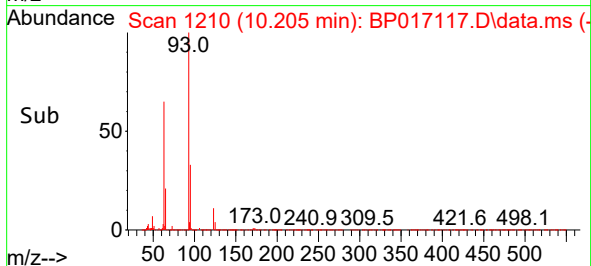
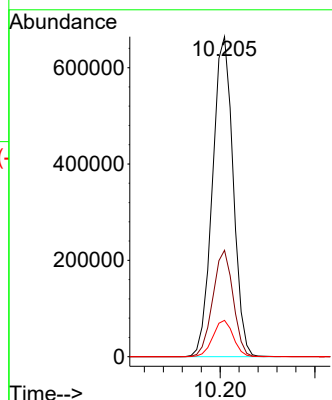
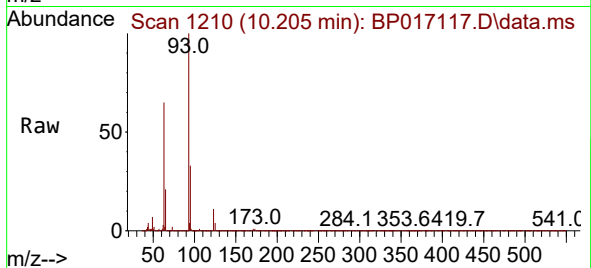




#27
 Bis(2-Chloroethoxy)methane
 Concen: 42.474 ng/ul
 RT: 10.205 min Scan# 1210
 Delta R.T. 0.000 min
 Lab File: BP017117.D
 Acq: 12 Sep 2023 14:13

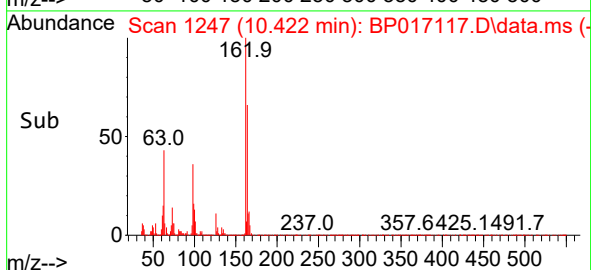
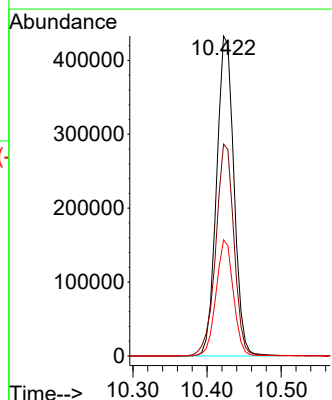
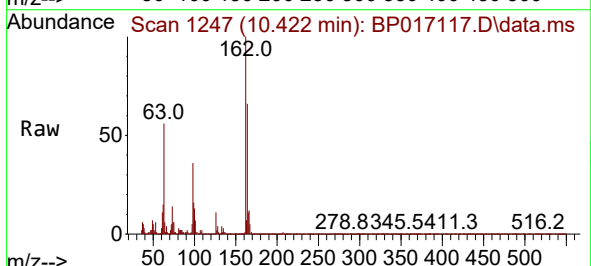
Instrument :
 BNA_P
 ClientSampleId :

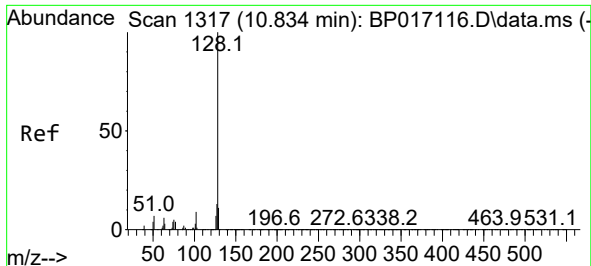
Tgt Ion: 93 Resp: 1002831
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.2 39.4
 123 11.3 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 43.813 ng/ul
 RT: 10.422 min Scan# 1247
 Delta R.T. 0.000 min
 Lab File: BP017117.D
 Acq: 12 Sep 2023 14:13

Tgt Ion:162 Resp: 706815
 Ion Ratio Lower Upper
 162 100
 164 66.2 53.2 79.8
 98 36.3 30.0 45.0

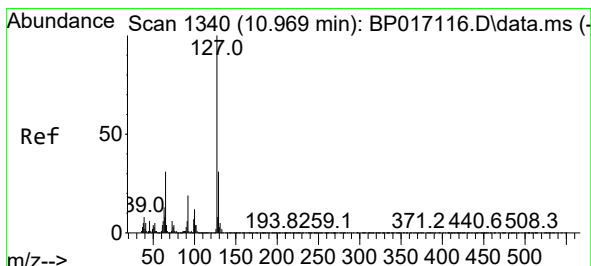
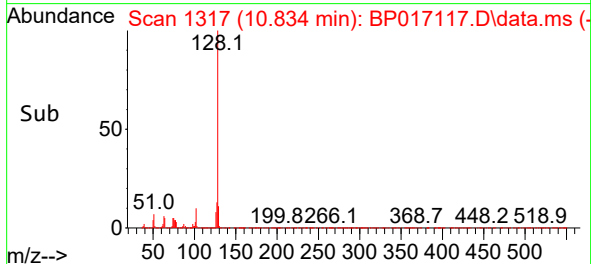
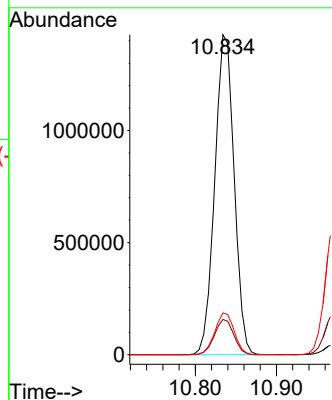
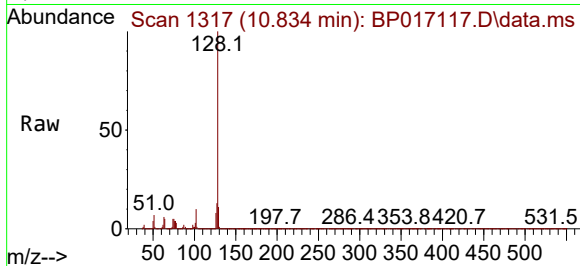




#30
Naphthalene
Concen: 42.472 ng/ul
RT: 10.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

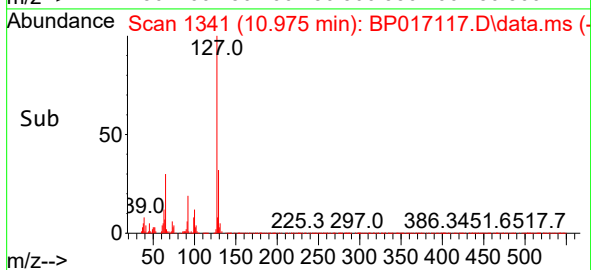
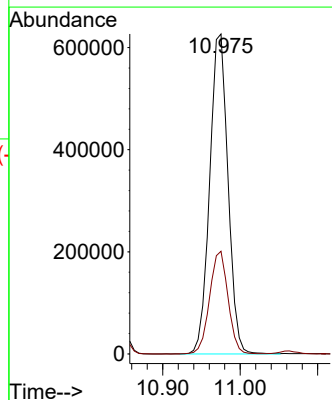
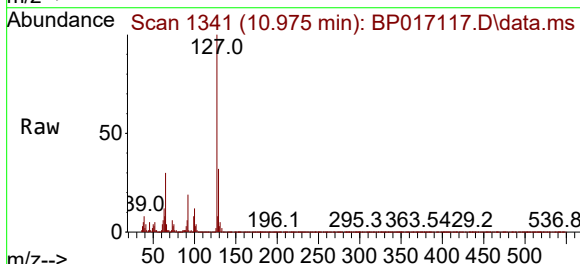
Instrument :
BNA_P
ClientSampleId :

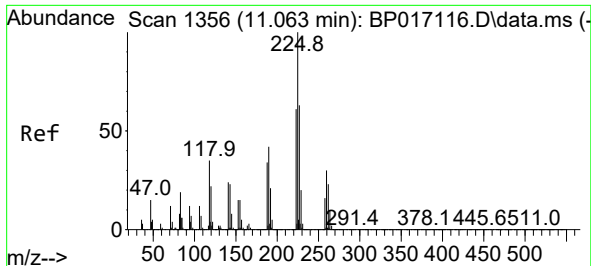
Tgt Ion:128 Resp: 2369242
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 43.825 ng/ul
RT: 10.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

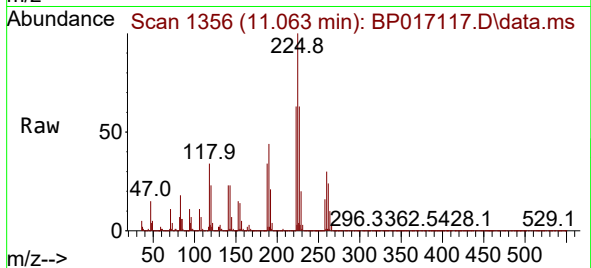
Tgt Ion:127 Resp: 1027318
Ion Ratio Lower Upper
127 100
129 32.1 24.8 37.2



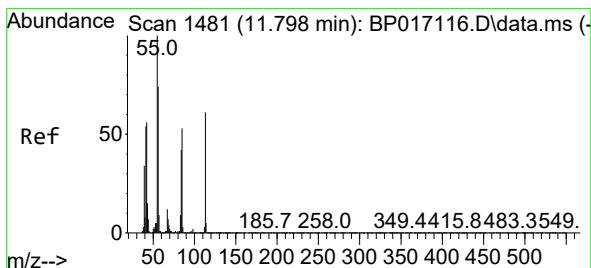
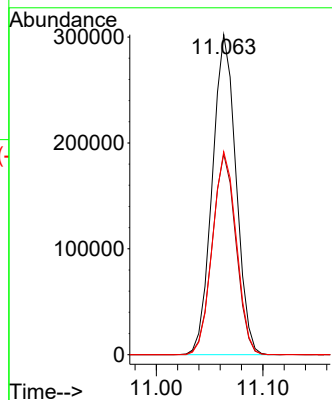
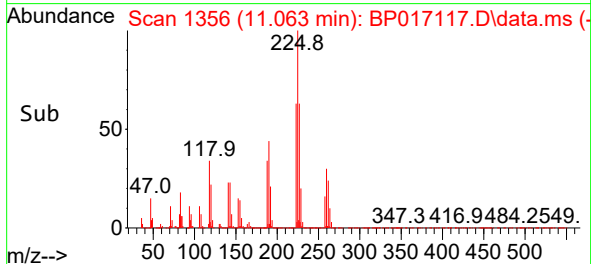


#33
Hexachlorobutadiene
Concen: 42.604 ng/ul
RT: 11.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

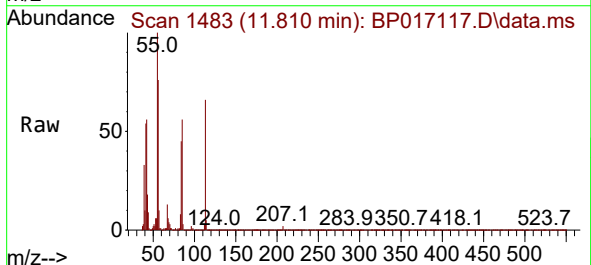
Instrument :
BNA_P
ClientSampleId :



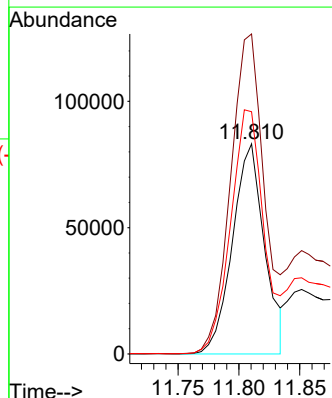
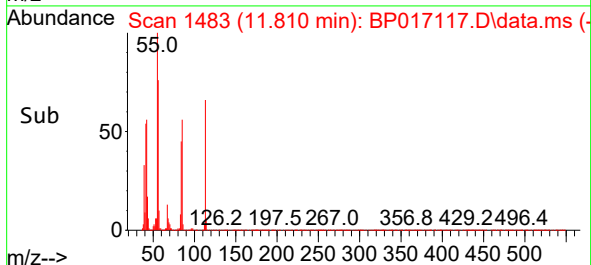
Tgt Ion:225 Resp: 466697
Ion Ratio Lower Upper
225 100
223 62.7 49.0 73.4
227 63.4 50.2 75.4

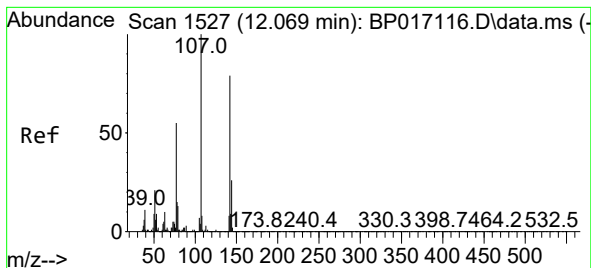


#34
Caprolactam
Concen: 31.131 ng/ul
RT: 11.810 min Scan# 1483
Delta R.T. 0.012 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13



Tgt Ion:113 Resp: 151842
Ion Ratio Lower Upper
113 100
55 152.4 130.7 196.1
56 115.4 96.8 145.2

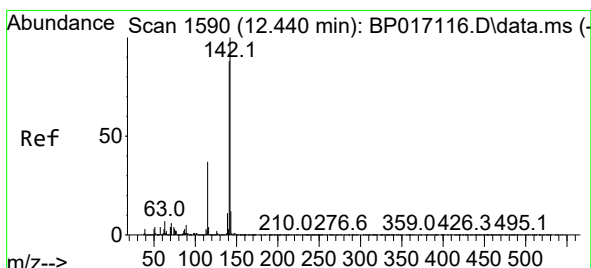
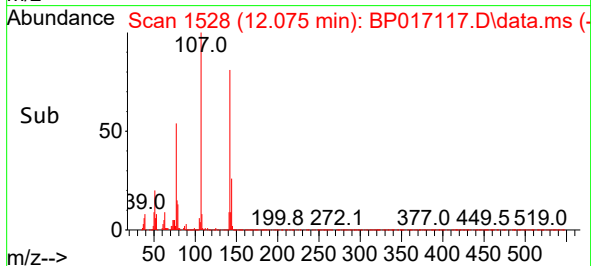
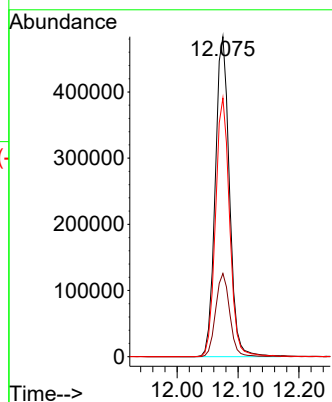
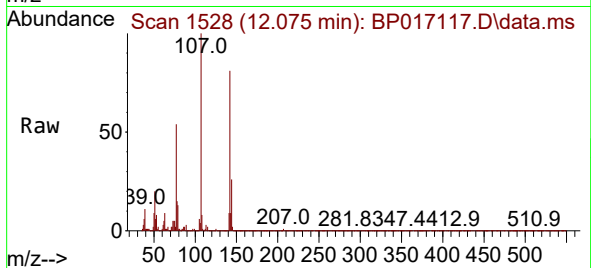




#35
4-Chloro-3-methylphenol
Concen: 44.731 ng/ul
RT: 12.075 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

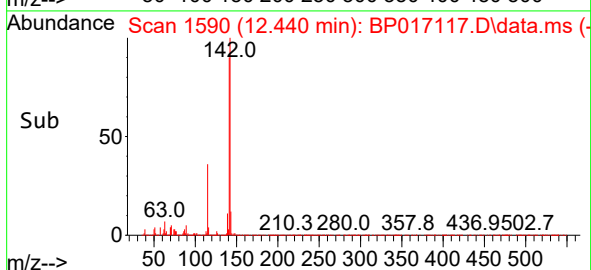
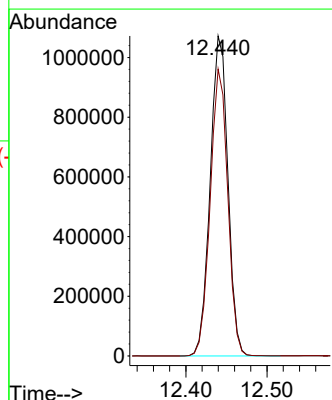
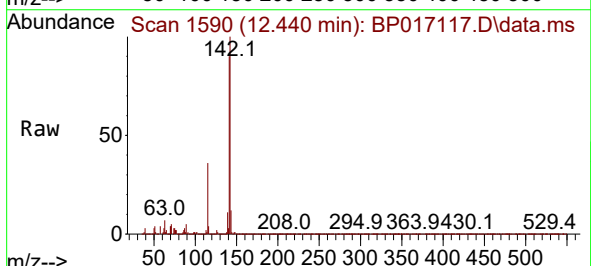
Instrument :
BNA_P
ClientSampleId :

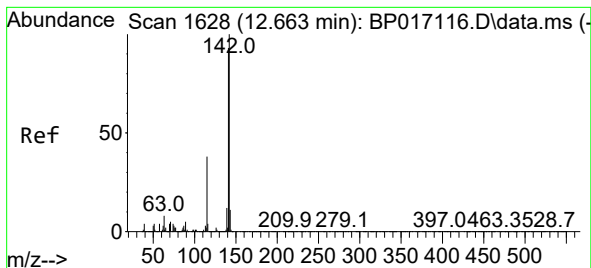
Tgt Ion:107 Resp: 780786
Ion Ratio Lower Upper
107 100
144 26.0 20.6 31.0
142 80.8 63.4 95.0



#36
2-Methylnaphthalene
Concen: 43.153 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:142 Resp: 1624327
Ion Ratio Lower Upper
142 100
141 89.6 70.1 105.1





#37

1-Methylnaphthalene

Concen: 43.238 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

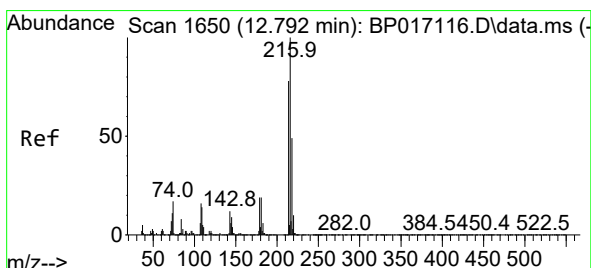
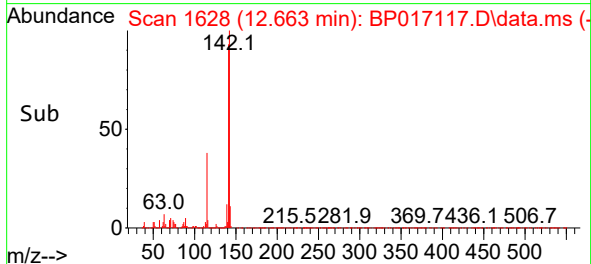
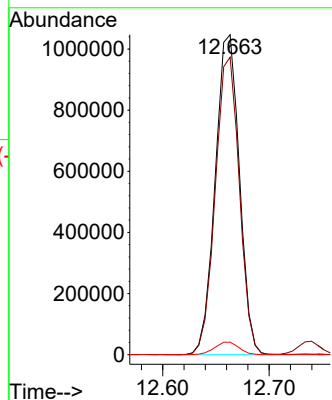
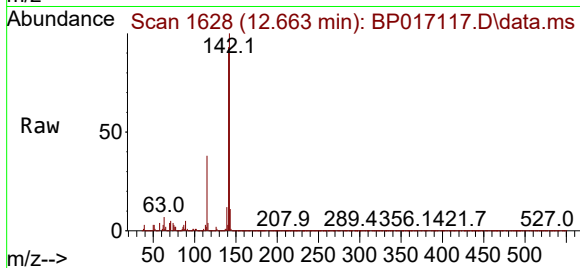
Tgt Ion:142 Resp: 1647430

Ion Ratio Lower Upper

142 100

141 93.0 74.1 111.1

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.557 ng/ul

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Tgt Ion:216 Resp: 913093

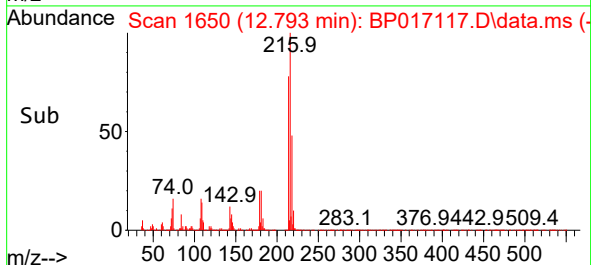
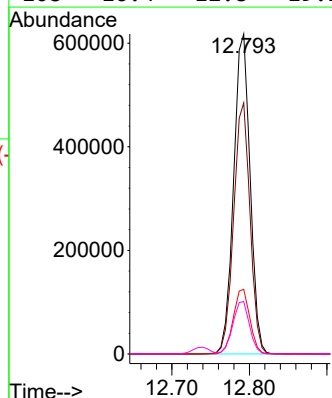
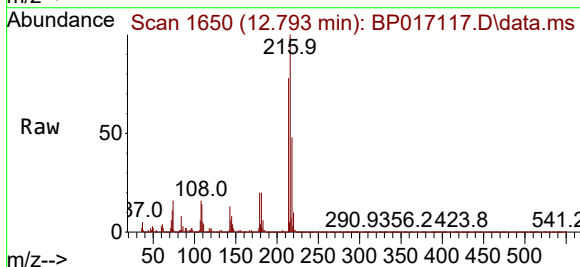
Ion Ratio Lower Upper

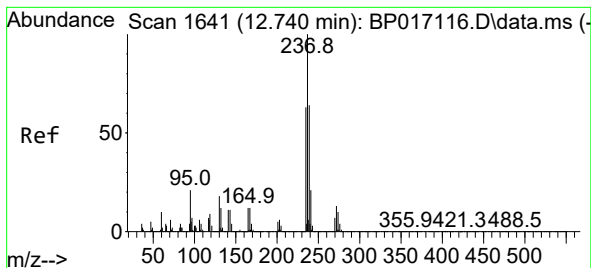
216 100

214 78.4 62.1 93.1

179 20.2 15.6 23.4

108 16.4 12.8 19.2

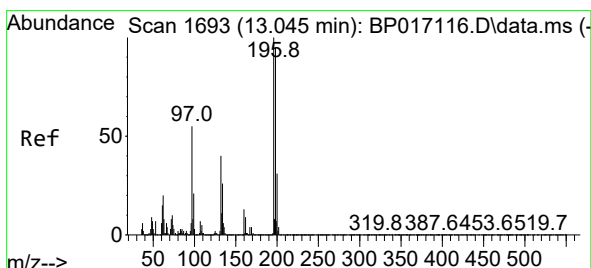
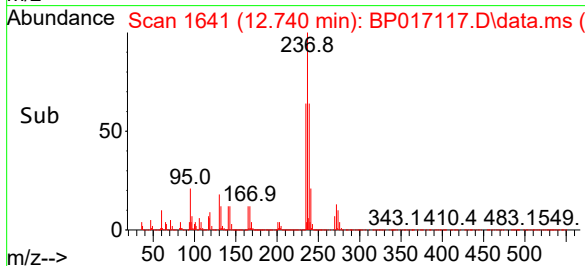
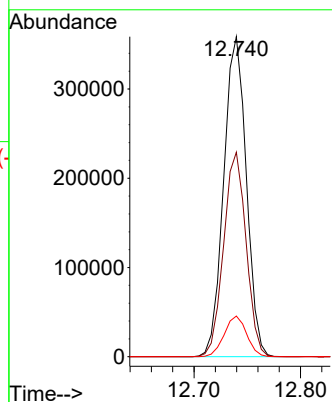
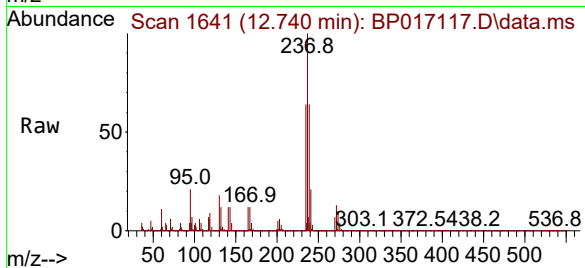




#40
Hexachlorocyclopentadiene
Concen: 40.451 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

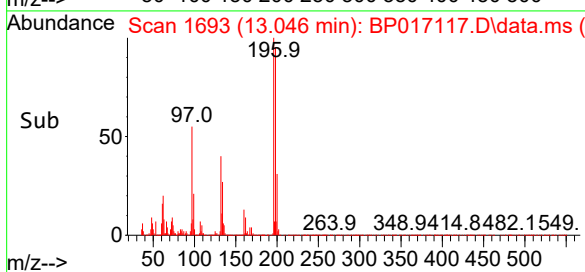
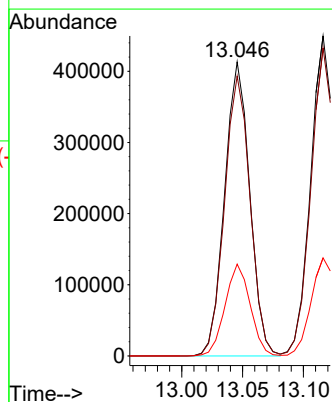
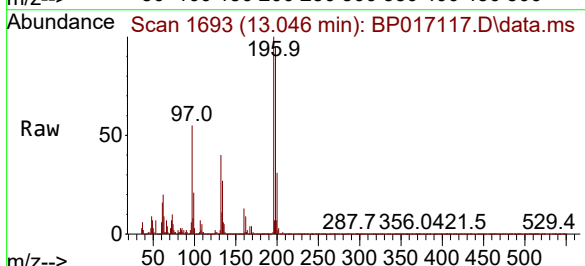
Instrument :
BNA_P
ClientSampleId :

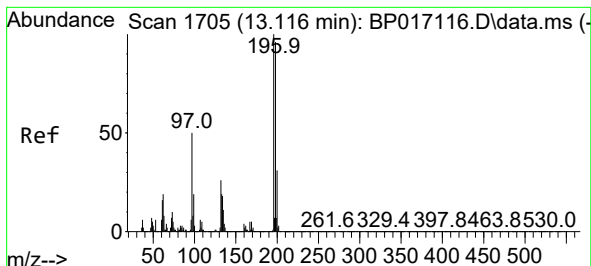
Tgt Ion:237 Resp: 528346
Ion Ratio Lower Upper
237 100
235 63.9 50.4 75.6
272 12.7 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 44.699 ng/ul
RT: 13.046 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:196 Resp: 595273
Ion Ratio Lower Upper
196 100
198 95.2 76.0 114.0
200 31.2 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 45.145 ng/ul

RT: 13.116 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

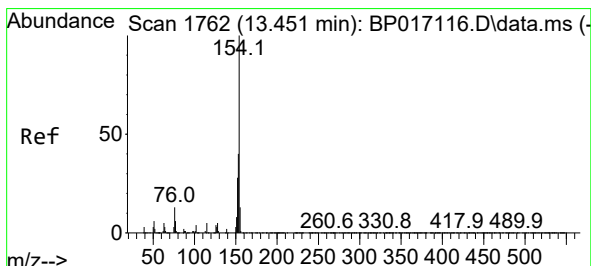
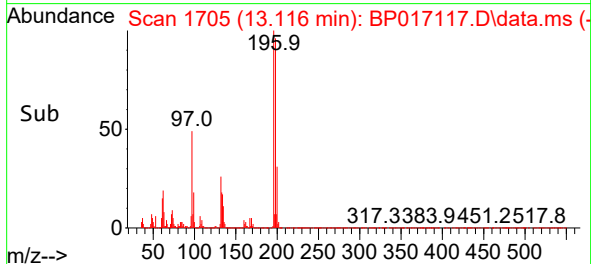
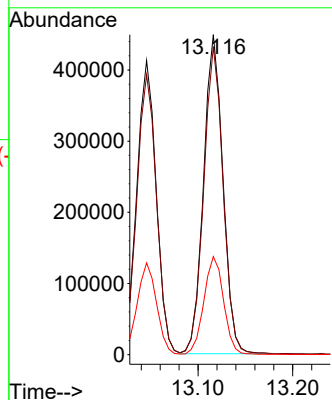
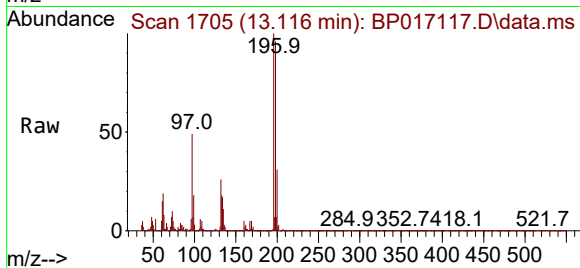
Tgt Ion:196 Resp: 639173

Ion Ratio Lower Upper

196 100

198 96.2 76.9 115.3

200 30.6 25.0 37.6



#43

1,1'-Biphenyl

Concen: 42.783 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

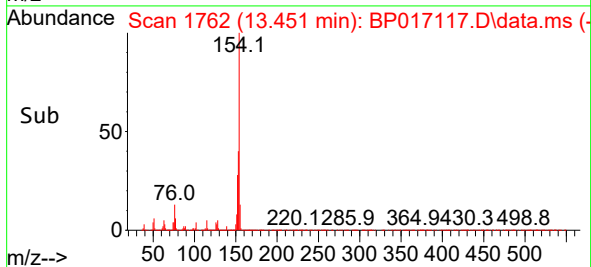
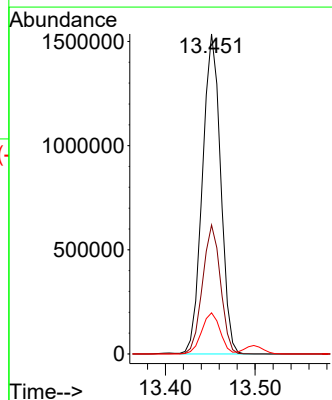
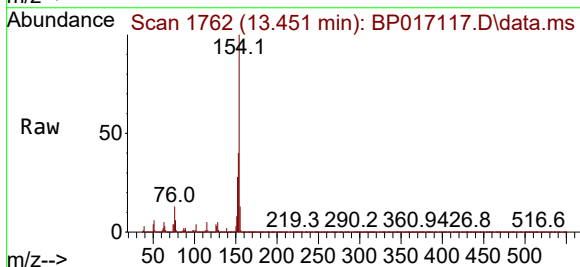
Tgt Ion:154 Resp: 2159253

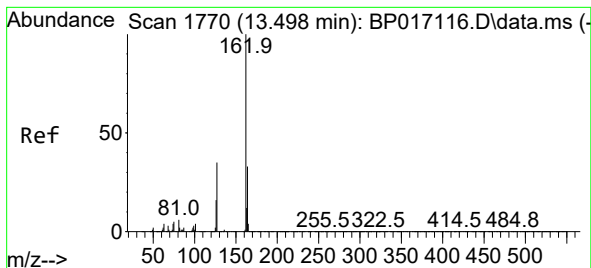
Ion Ratio Lower Upper

154 100

153 40.3 31.8 47.8

76 12.8 10.8 16.2

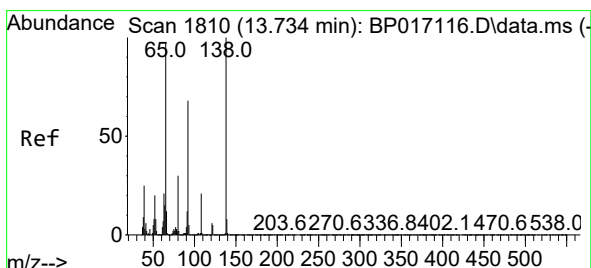
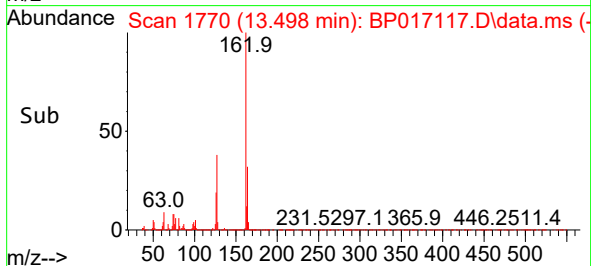
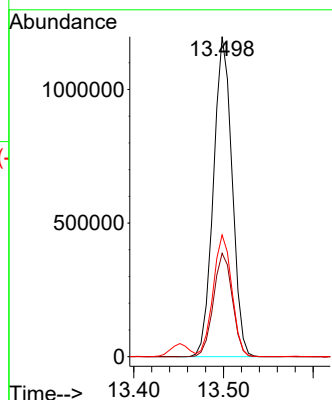
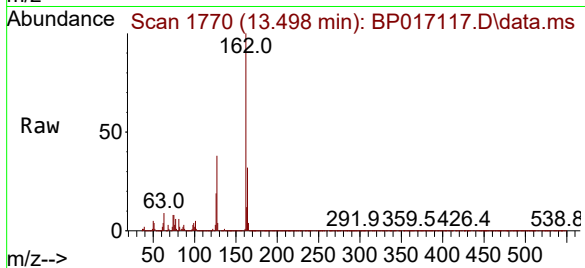




#44
2-Chloronaphthalene
Concen: 43.069 ng/ul
RT: 13.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

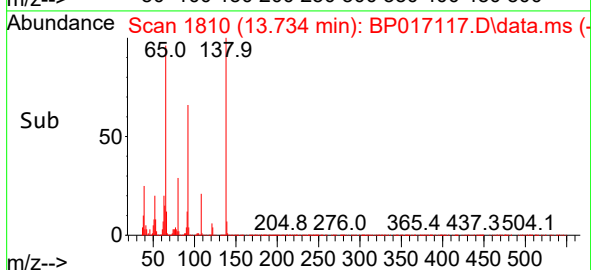
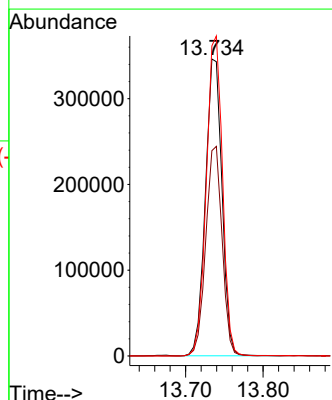
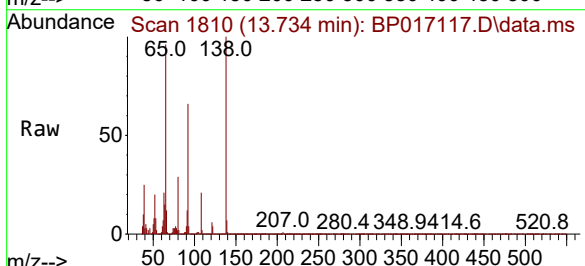
Instrument :
BNA_P
ClientSampleId :

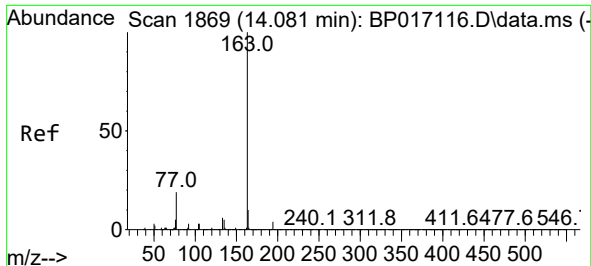
Tgt Ion:162 Resp: 1726216
Ion Ratio Lower Upper
162 100
164 32.3 26.6 39.8
127 38.1 31.0 46.4



#45
2-Nitroaniline
Concen: 47.313 ng/ul
RT: 13.734 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion: 65 Resp: 513647
Ion Ratio Lower Upper
65 100
92 69.1 55.6 83.4
138 104.4 82.2 123.2





#47

Dimethylphthalate

Concen: 43.115 ng/ul

RT: 14.081 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

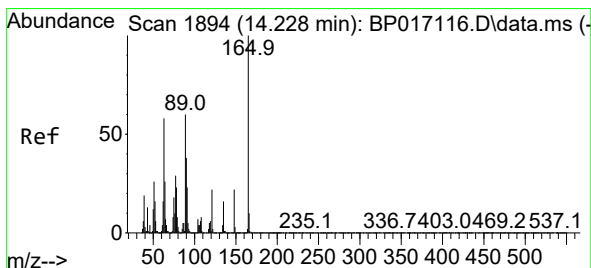
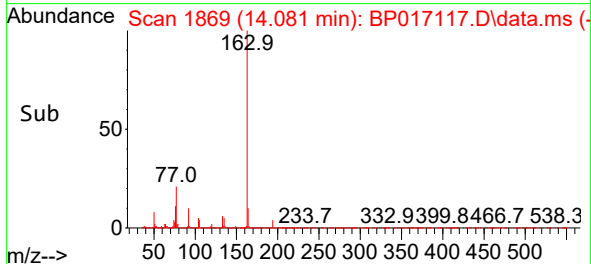
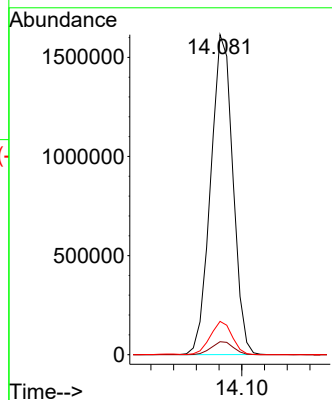
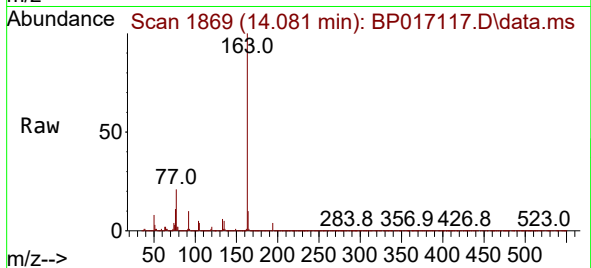
Tgt Ion:163 Resp: 2192218

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 47.200 ng/ul

RT: 14.228 min Scan# 1894

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

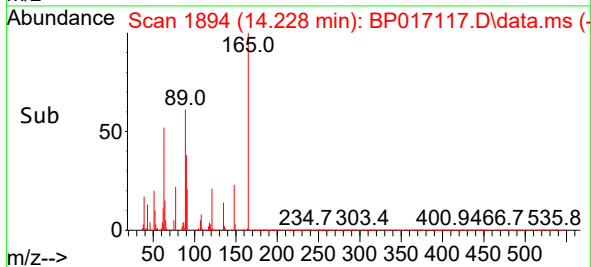
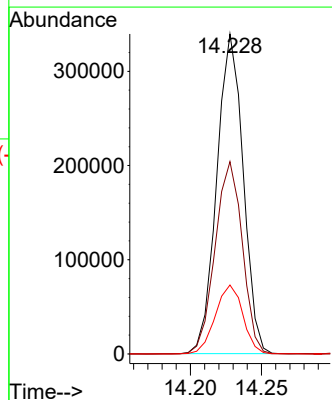
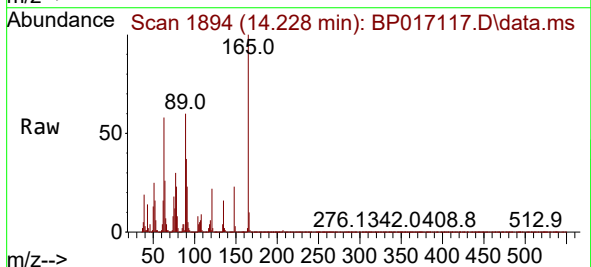
Tgt Ion:165 Resp: 438634

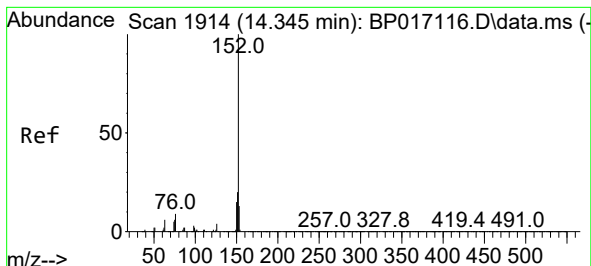
Ion Ratio Lower Upper

165 100

89 60.1 47.8 71.8

121 21.5 17.4 26.2

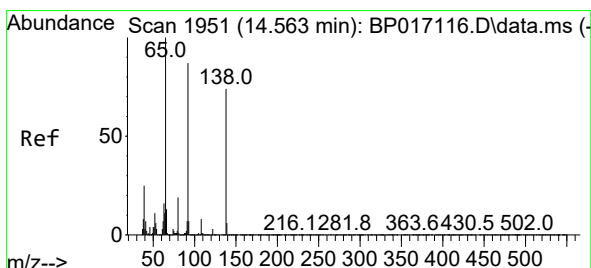
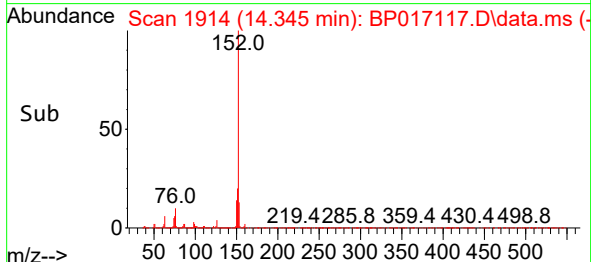
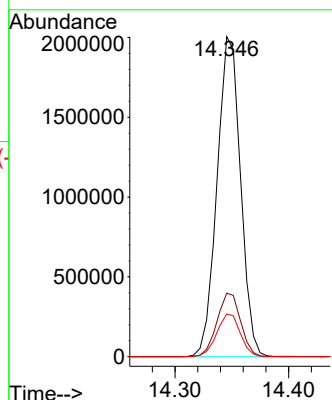
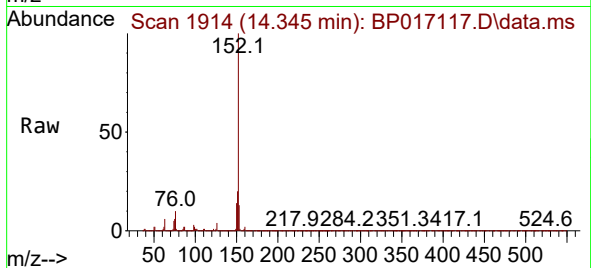




#50
Acenaphthylene
Concen: 43.921 ng/ul
RT: 14.345 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

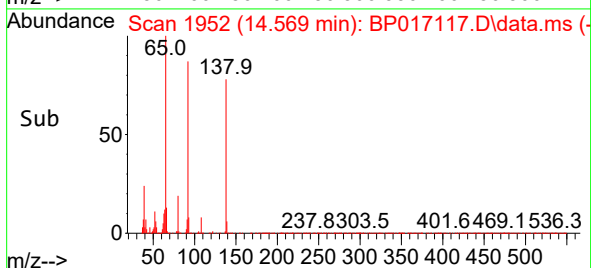
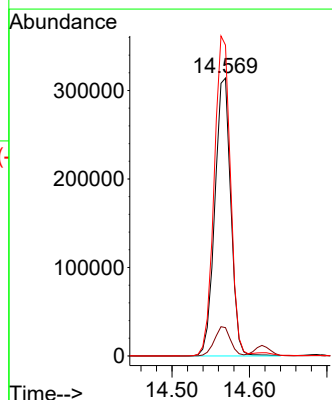
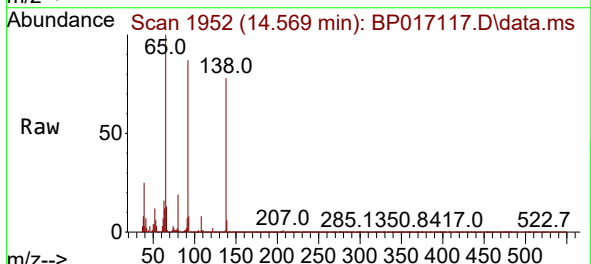
Instrument :
BNA_P
ClientSampleId :

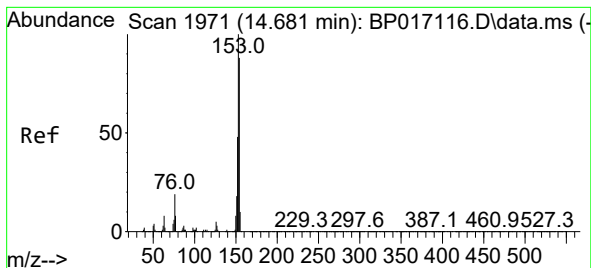
Tgt Ion:152 Resp: 2883687
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 45.283 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:138 Resp: 450307
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 111.9 94.2 141.4





#52

Acenaphthene

Concen: 42.766 ng/ul

RT: 14.681 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNP_P

ClientSampleId :

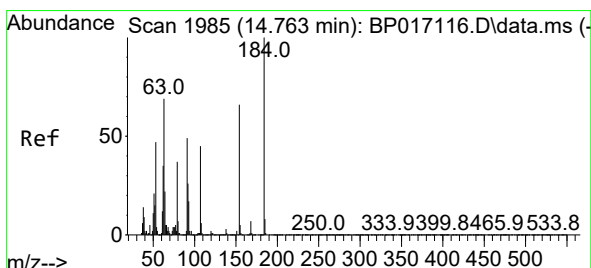
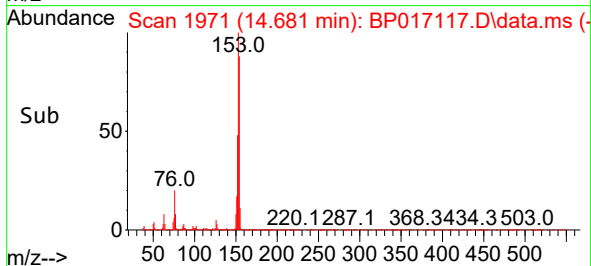
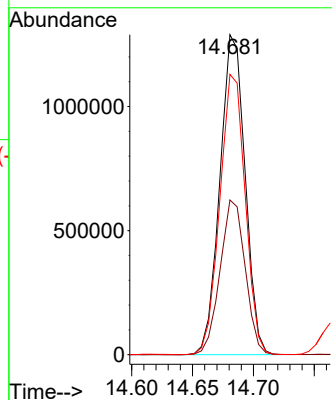
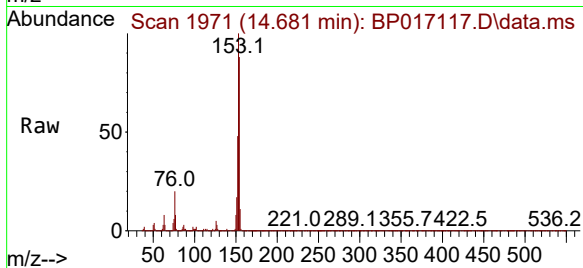
Tgt Ion:153 Resp: 1858035

Ion Ratio Lower Upper

153 100

152 48.3 38.6 57.8

154 87.6 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 41.009 ng/ul

RT: 14.763 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

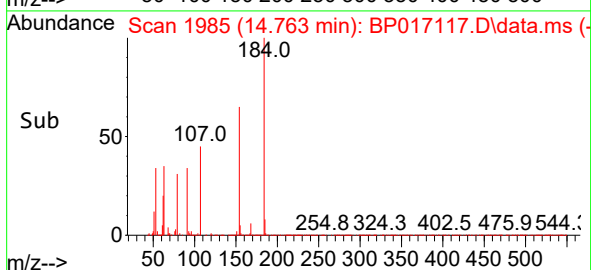
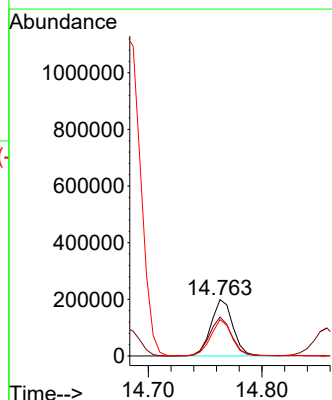
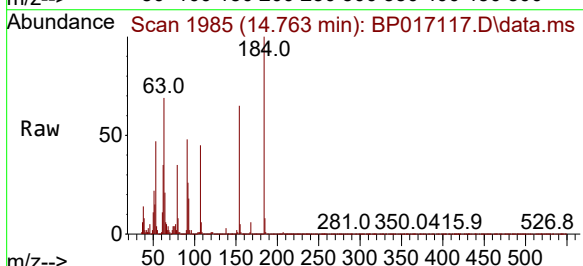
Tgt Ion:184 Resp: 267002

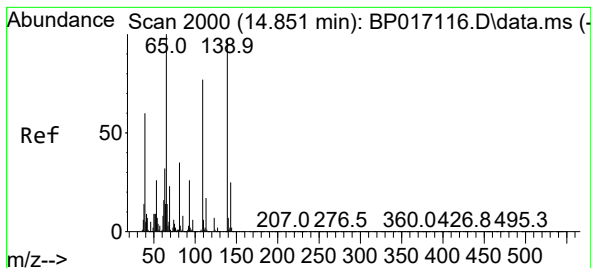
Ion Ratio Lower Upper

184 100

63 69.0 55.2 82.8

154 64.5 53.0 79.4

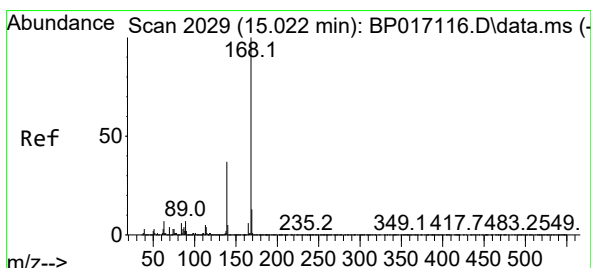
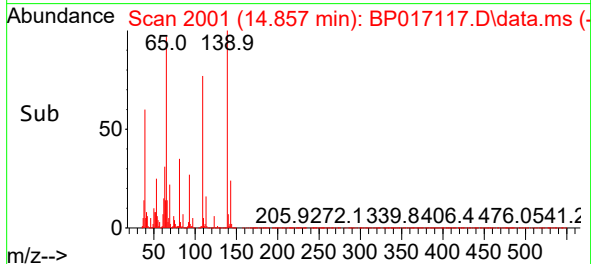
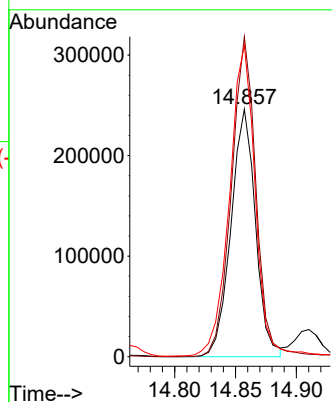
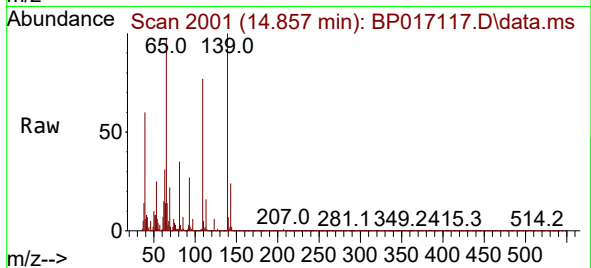




#55
4-Nitrophenol
Concen: 44.364 ng/ul
RT: 14.857 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

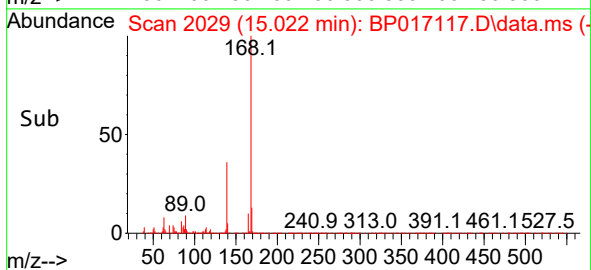
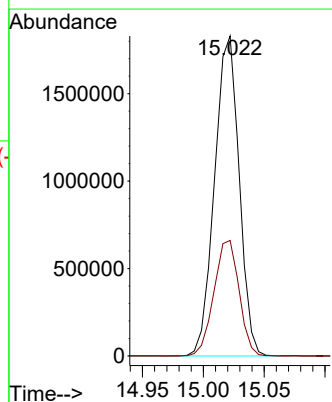
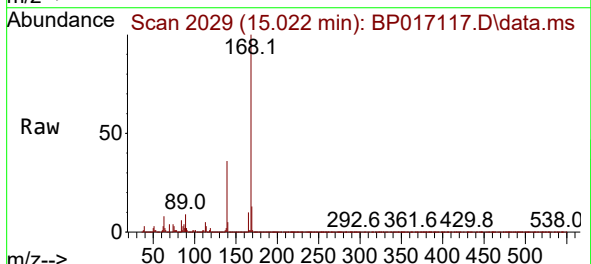
Instrument :
BNA_P
ClientSampleId :

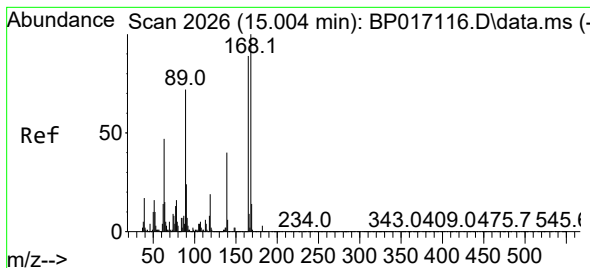
Tgt Ion:109 Resp: 343725
Ion Ratio Lower Upper
109 100
139 129.3 101.1 151.7
65 125.9 105.0 157.4



#56
Dibenzofuran
Concen: 42.745 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:168 Resp: 2566385
Ion Ratio Lower Upper
168 100
139 36.1 29.9 44.9





#57

2,4-Dinitrotoluene

Concen: 47.976 ng/ul

RT: 15.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

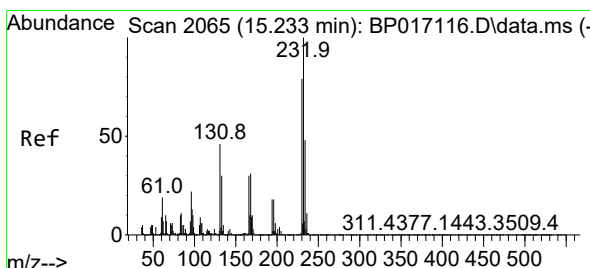
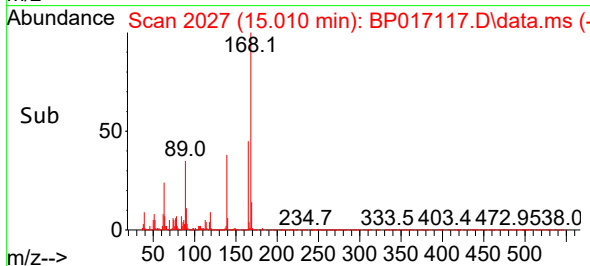
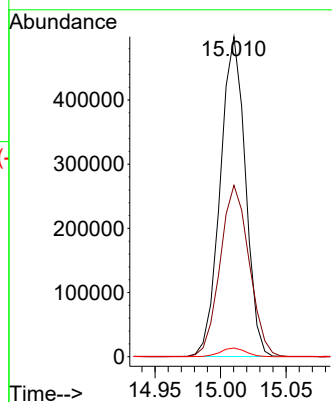
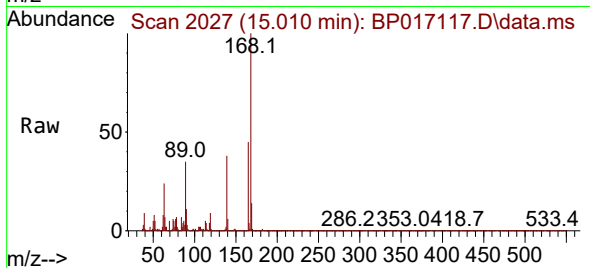
Tgt Ion:165 Resp: 664074

Ion Ratio Lower Upper

165 100

63 53.5 42.3 63.5

182 2.7 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.950 ng/ul

RT: 15.234 min Scan# 2065

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Tgt Ion:232 Resp: 558306

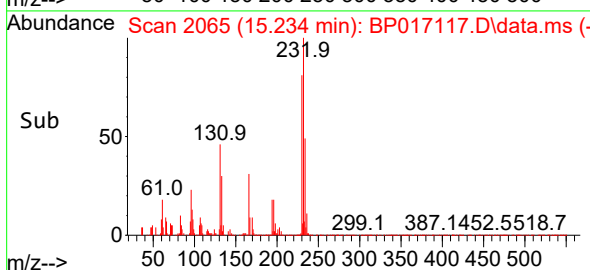
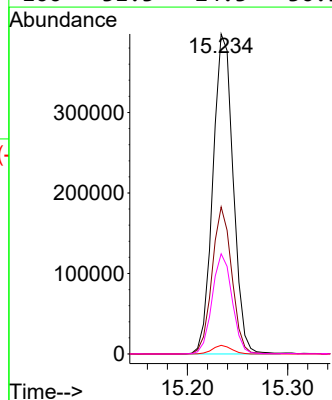
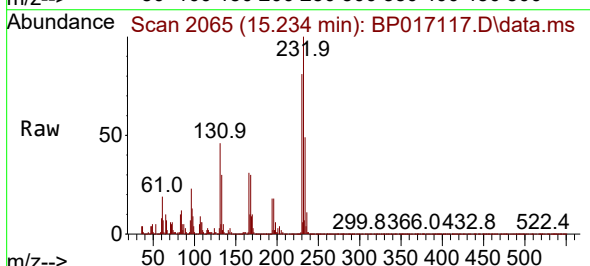
Ion Ratio Lower Upper

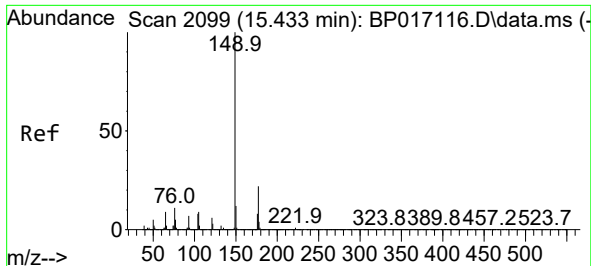
232 100

131 45.9 37.0 55.6

130 2.7 1.8 2.8

166 31.3 24.3 36.5

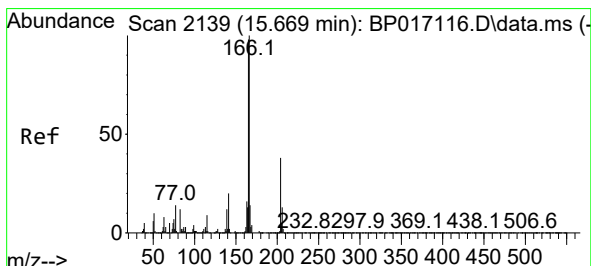
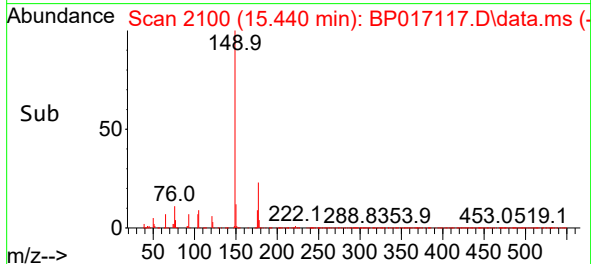
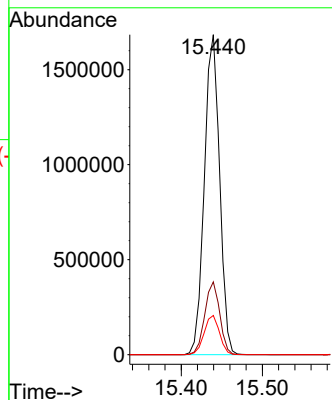
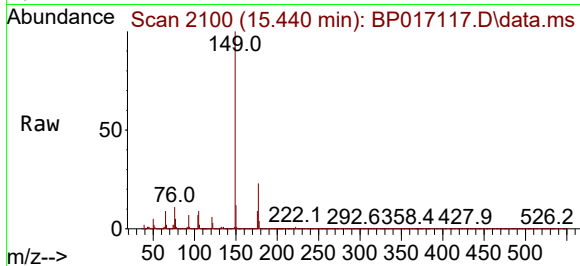




#59
Diethylphthalate
Concen: 43.656 ng/ul
RT: 15.440 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

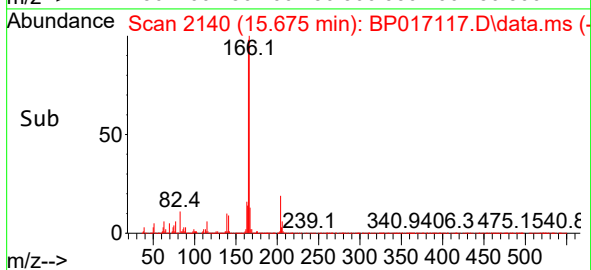
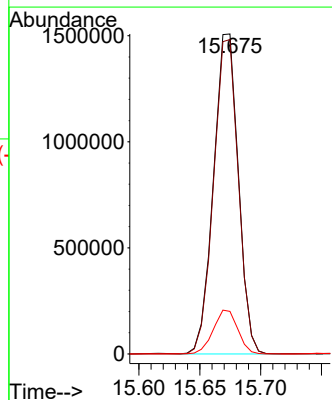
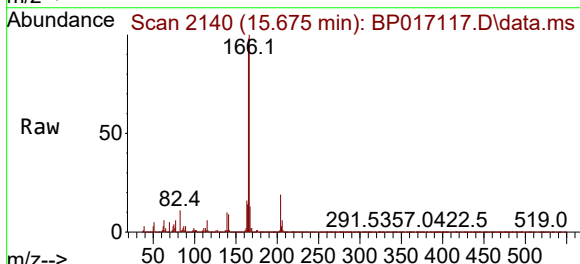
Instrument :
BNA_P
ClientSampleId :

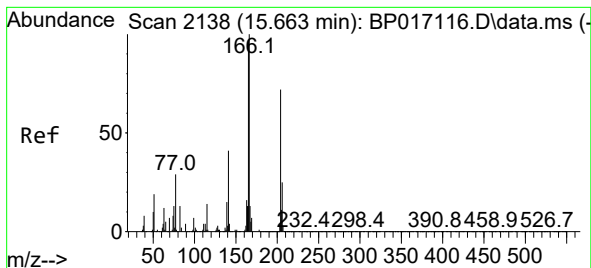
Tgt Ion:149 Resp: 2191545
Ion Ratio Lower Upper
149 100
177 22.7 17.5 26.3
150 12.3 10.0 15.0



#61
Fluorene
Concen: 43.142 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:166 Resp: 2141501
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 13.3 11.0 16.4

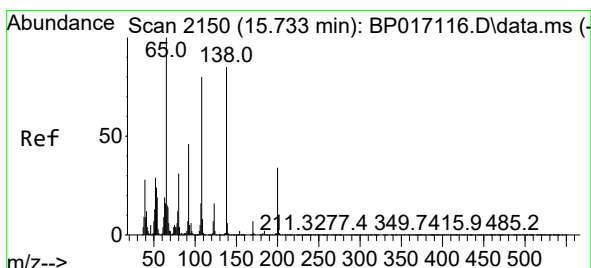
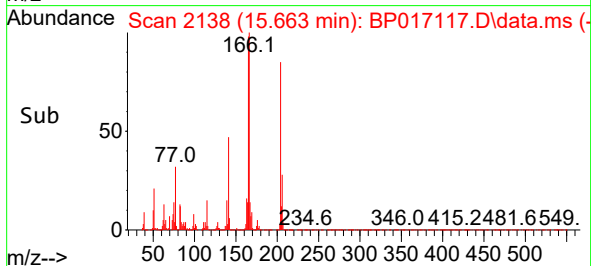
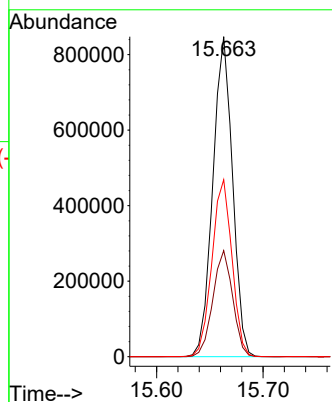
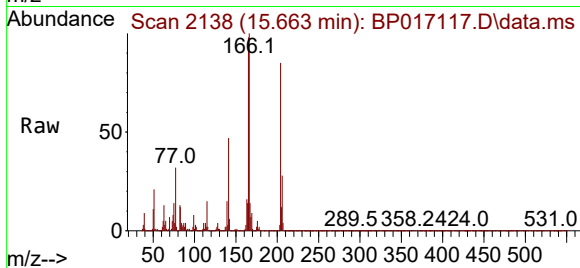




#62
4-Chlorophenyl-phenylether
Concen: 43.198 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

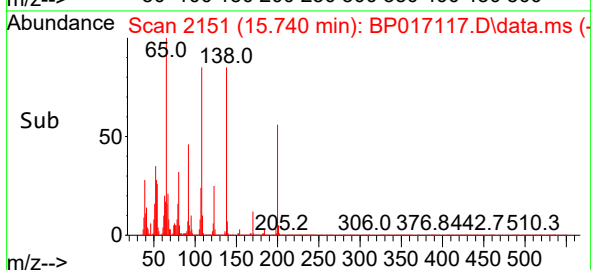
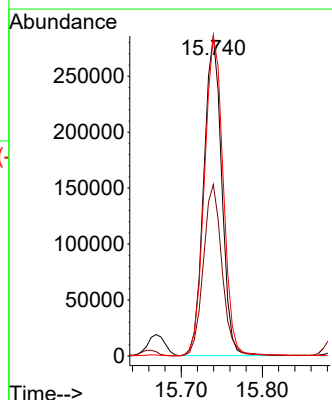
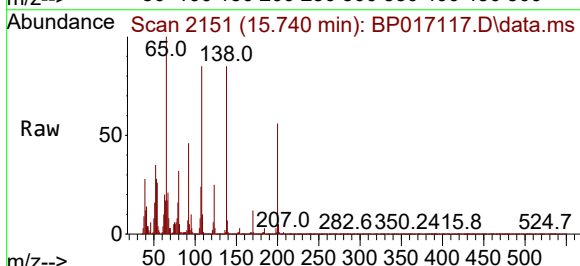
Instrument :
BNA_P
ClientSampleId :

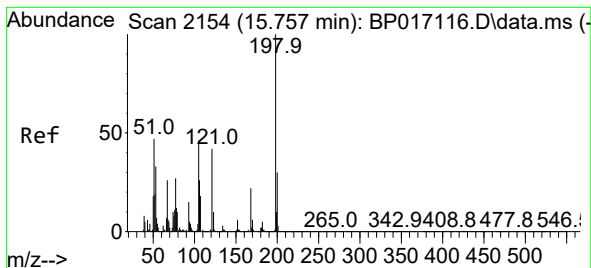
Tgt Ion:204 Resp: 1090206
Ion Ratio Lower Upper
204 100
206 33.1 27.3 40.9
141 55.3 45.0 67.6



#63
4-Nitroaniline
Concen: 47.267 ng/ul
RT: 15.740 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:138 Resp: 436977
Ion Ratio Lower Upper
138 100
92 53.6 43.3 64.9
108 100.1 75.3 112.9

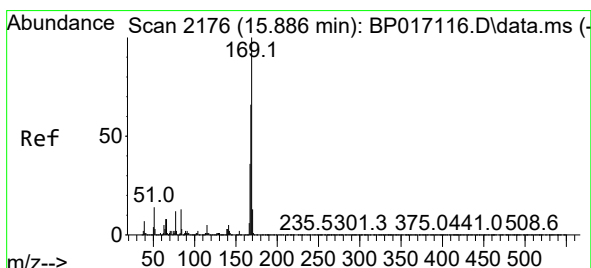
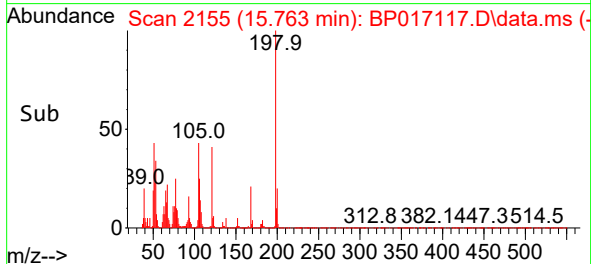
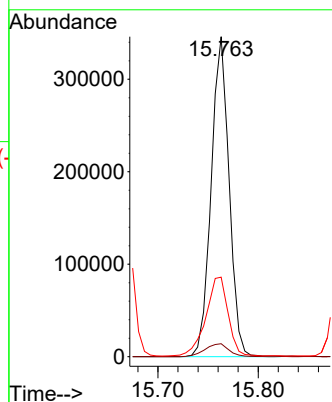
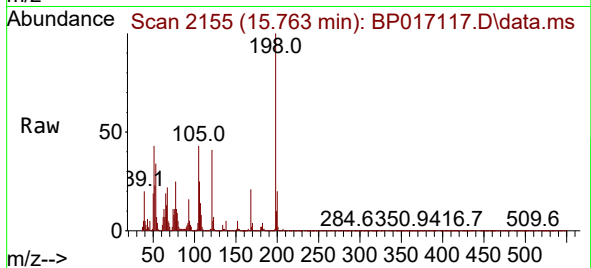




#66
4,6-Dinitro-2-methylphenol
Concen: 44.567 ng/ul
RT: 15.763 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

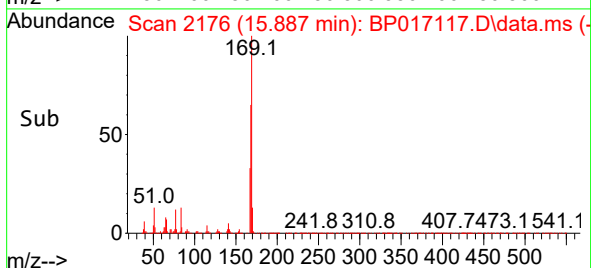
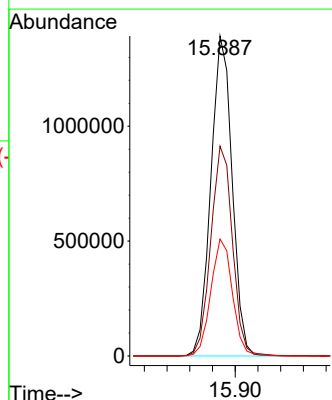
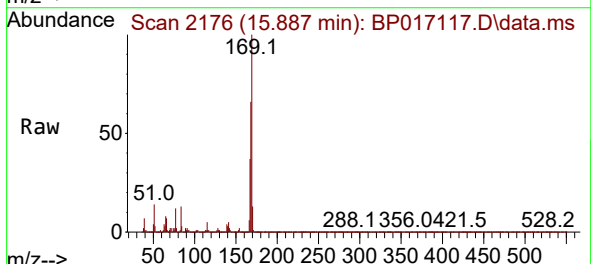
Instrument :
BNA_P
ClientSampleId :

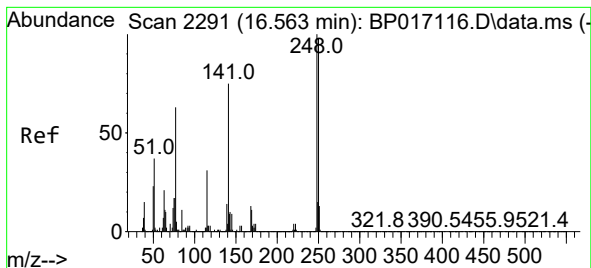
Tgt Ion:198 Resp: 429291
Ion Ratio Lower Upper
198 100
182 4.0 4.2 6.2#
77 24.9 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 43.262 ng/ul
RT: 15.887 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:169 Resp: 1807132
Ion Ratio Lower Upper
169 100
168 65.5 52.7 79.1
167 36.6 29.0 43.4

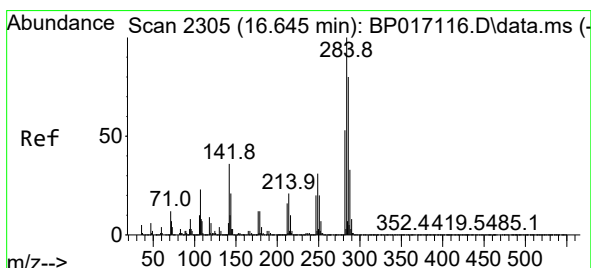
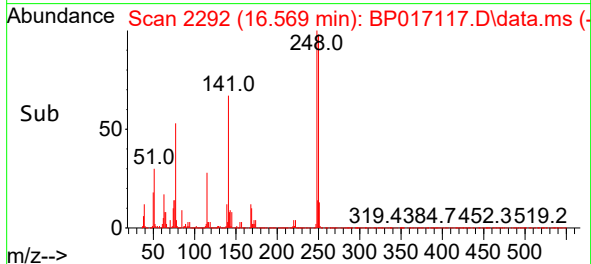
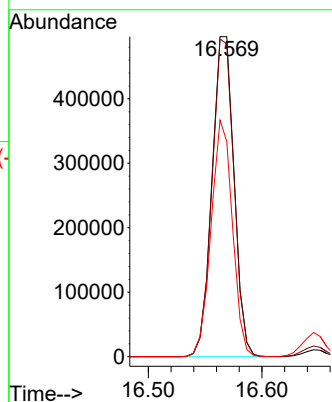
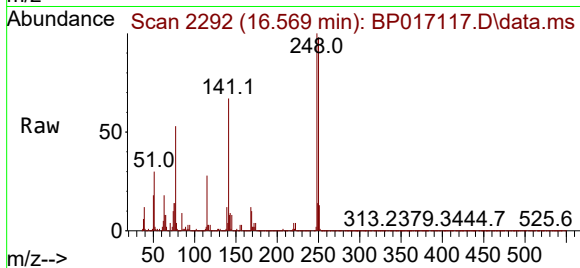




#68
4-Bromophenyl-phenylether
Concen: 43.768 ng/ul
RT: 16.569 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

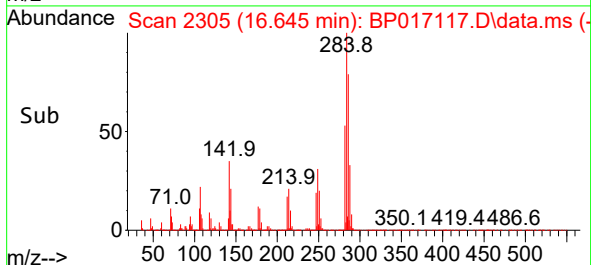
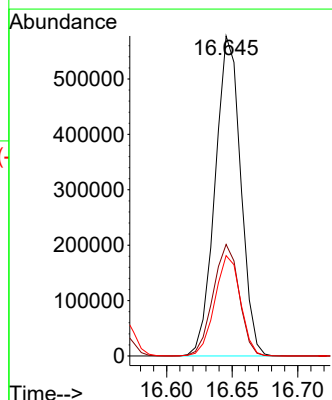
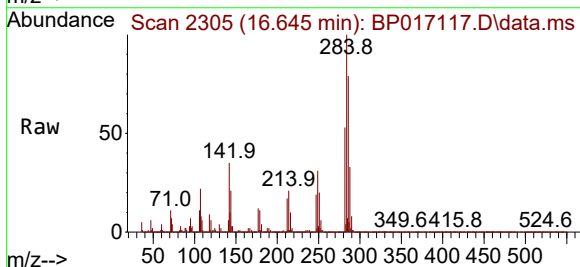
Instrument :
BNA_P
ClientSampleId :

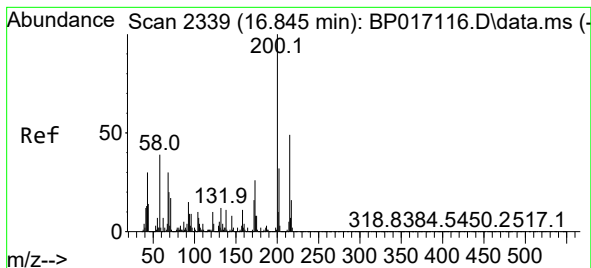
Tgt Ion:248 Resp: 670241
Ion Ratio Lower Upper
248 100
250 97.7 78.6 118.0
141 67.3 60.4 90.6



#69
Hexachlorobenzene
Concen: 43.162 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:284 Resp: 782338
Ion Ratio Lower Upper
284 100
142 34.8 28.6 42.8
249 31.4 25.0 37.6





#70

Atrazine

Concen: 45.819 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

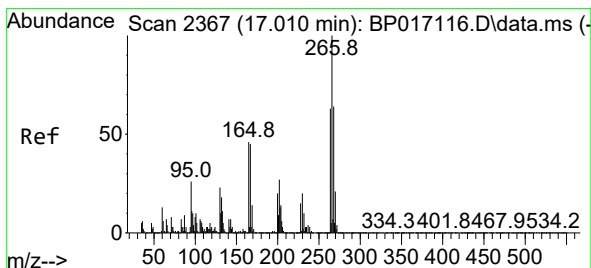
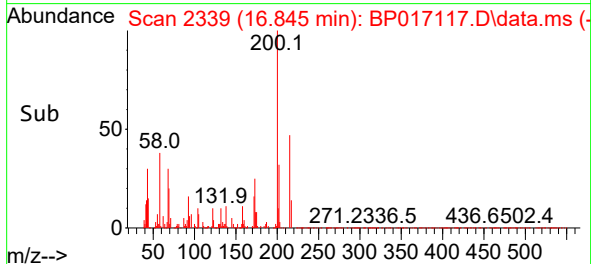
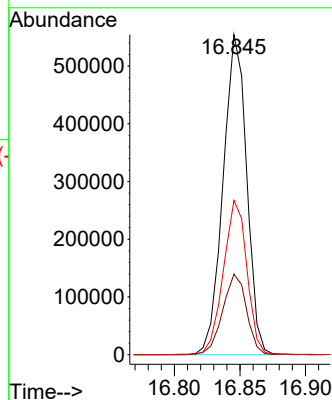
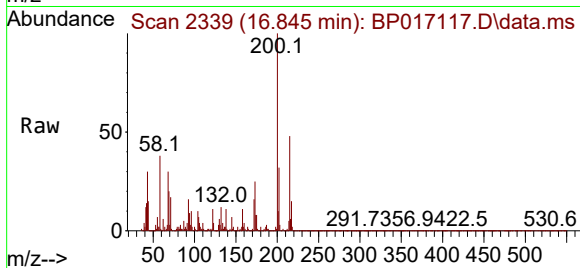
Tgt Ion:200 Resp: 692809

Ion Ratio Lower Upper

200 100

173 25.1 20.7 31.1

215 48.3 38.8 58.2



#71

Pentachlorophenol

Concen: 43.146 ng/ul

RT: 17.010 min Scan# 2367

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

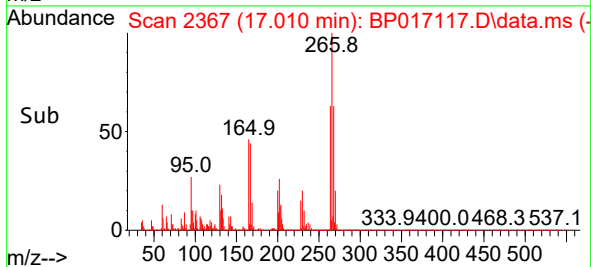
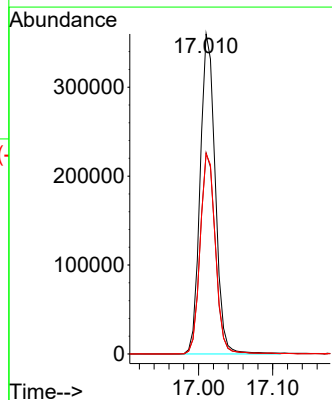
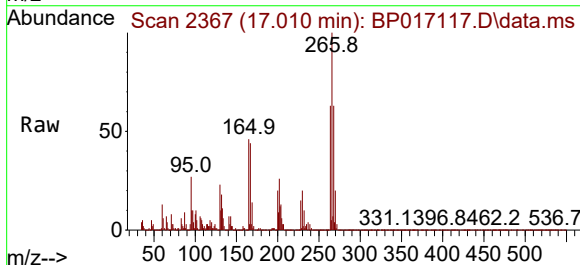
Tgt Ion:266 Resp: 508236

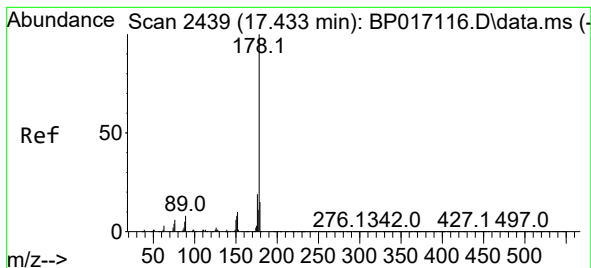
Ion Ratio Lower Upper

266 100

264 62.8 50.7 76.1

268 62.5 51.1 76.7





#72

Phenanthrene

Concen: 43.149 ng/ul

RT: 17.434 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

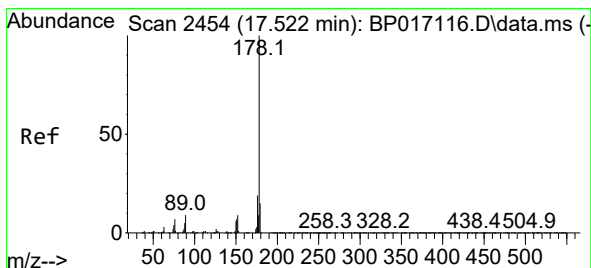
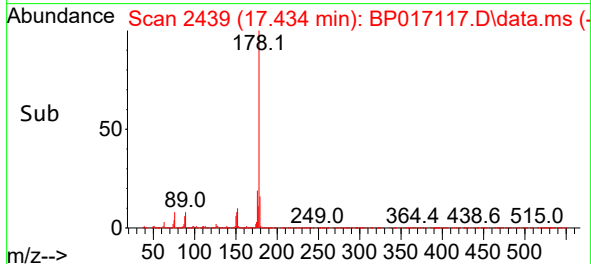
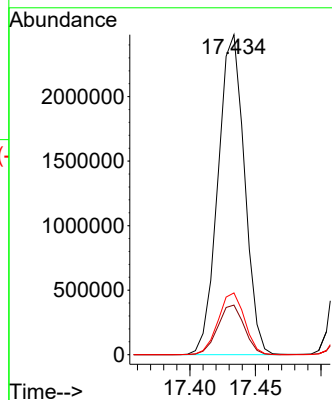
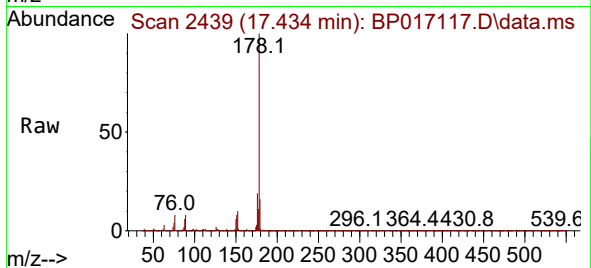
Tgt Ion:178 Resp: 3483525

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.3 15.6 23.4



#74

Anthracene

Concen: 43.492 ng/ul

RT: 17.528 min Scan# 2455

Delta R.T. 0.006 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

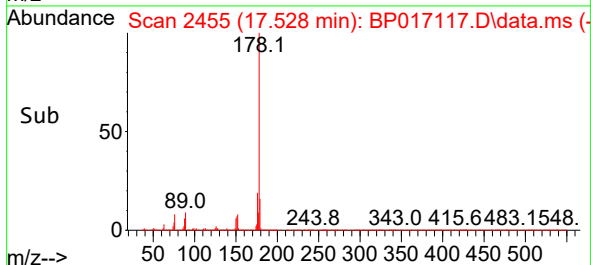
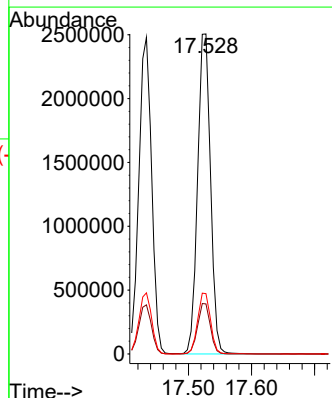
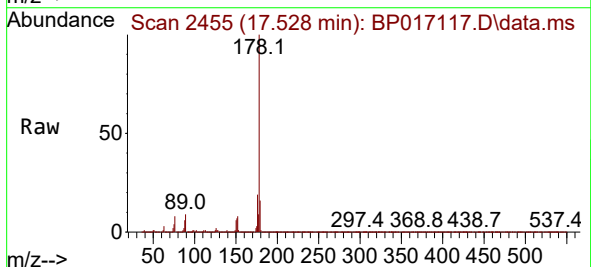
Tgt Ion:178 Resp: 3556245

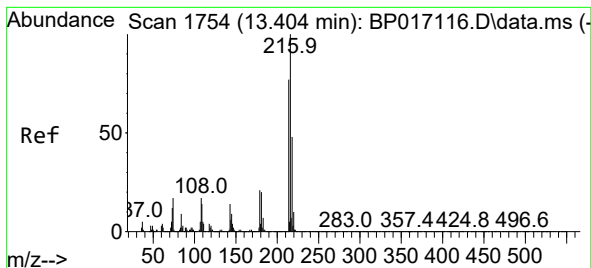
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.8 14.9 22.3

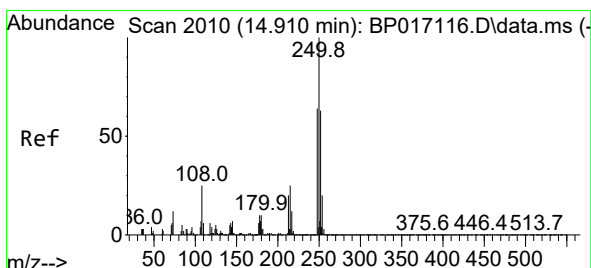
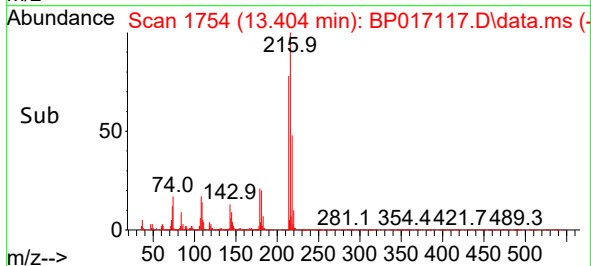
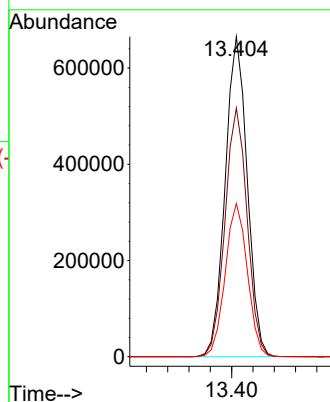
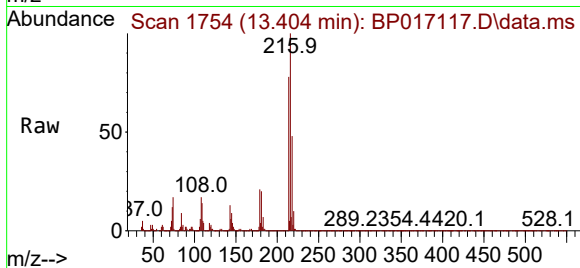




#75
1,2,3,4-Tetrachlorobenzene
Concen: 43.087 ng/uL
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

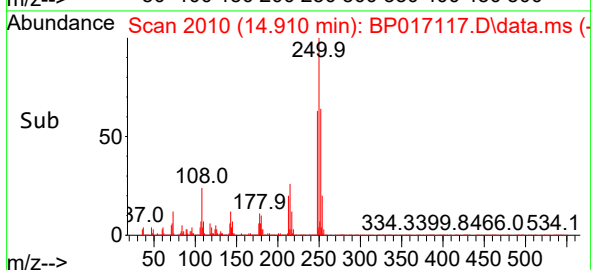
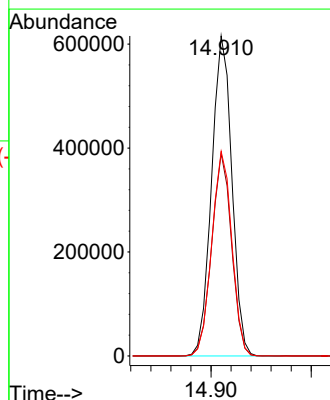
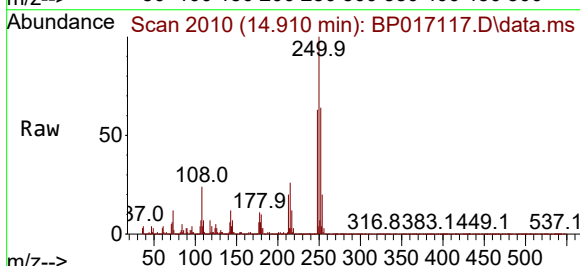
Instrument :
BNA_P
ClientSampleId :

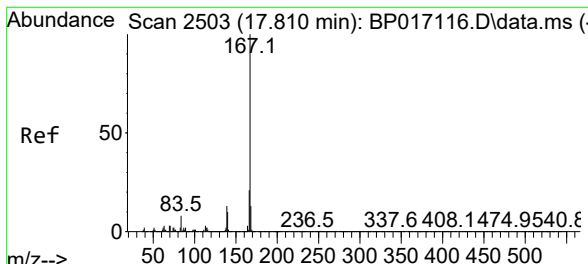
Tgt Ion:216 Resp: 957039
Ion Ratio Lower Upper
216 100
214 77.7 61.3 91.9
218 47.8 38.3 57.5



#76
Pentachlorobenzene
Concen: 42.878 ng/uL
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:250 Resp: 864212
Ion Ratio Lower Upper
250 100
248 63.3 51.1 76.7
252 63.9 50.7 76.1



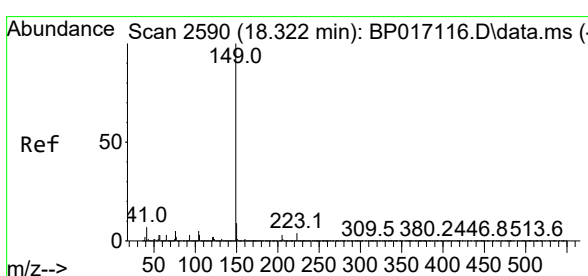
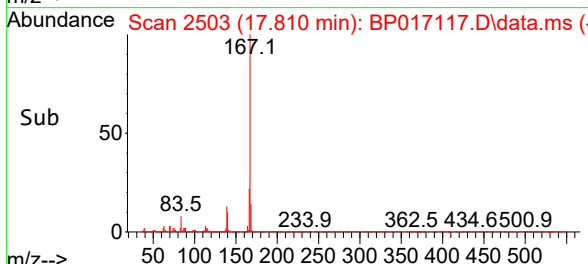
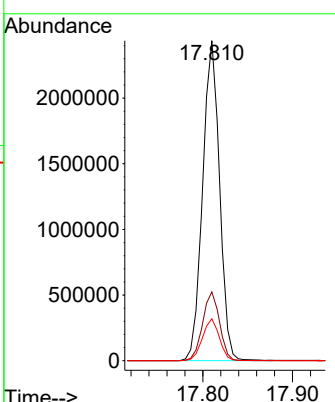
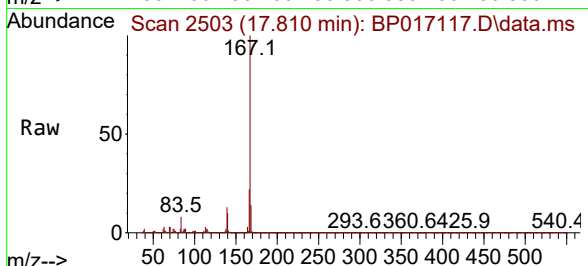


#77
 Carbazole
 Concen: 44.406 ng/ul
 RT: 17.810 min Scan# 2503
 Delta R.T. 0.000 min
 Lab File: BP017117.D
 Acq: 12 Sep 2023 14:13

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:167 Resp: 3188305

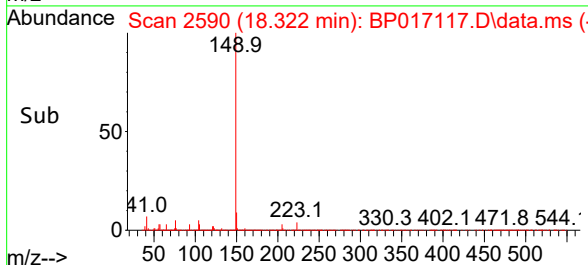
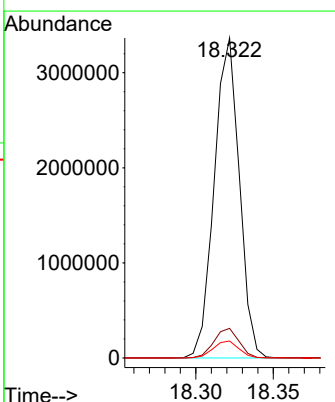
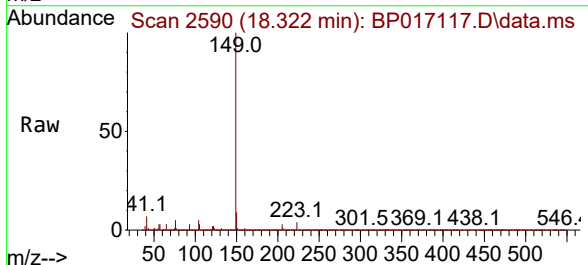
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.1	10.4	15.6

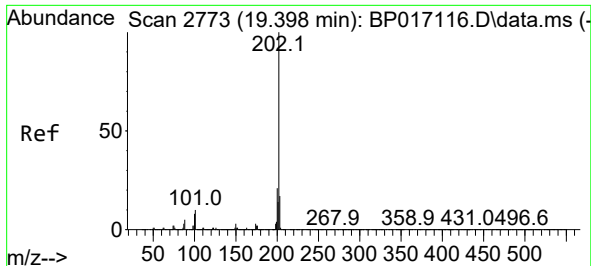


#78
 Di-n-butylphthalate
 Concen: 46.207 ng/ul
 RT: 18.322 min Scan# 2590
 Delta R.T. 0.000 min
 Lab File: BP017117.D
 Acq: 12 Sep 2023 14:13

Tgt Ion:149 Resp: 3780506

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	4.2	6.4

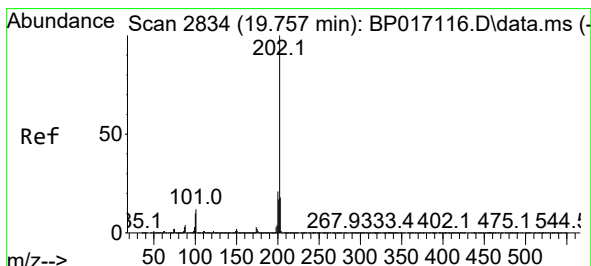
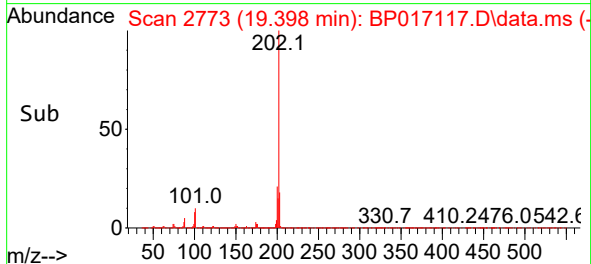
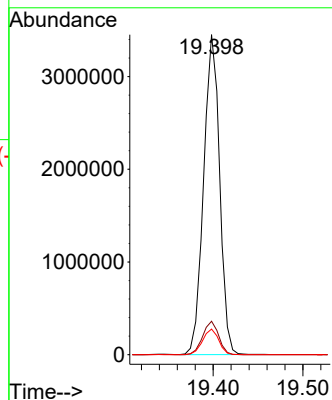
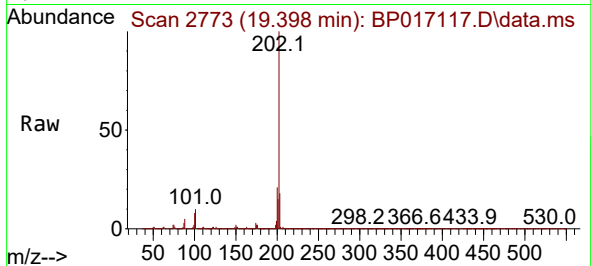




#80
Fluoranthene
Concen: 43.295 ng/ul
RT: 19.398 min Scan# 2773
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

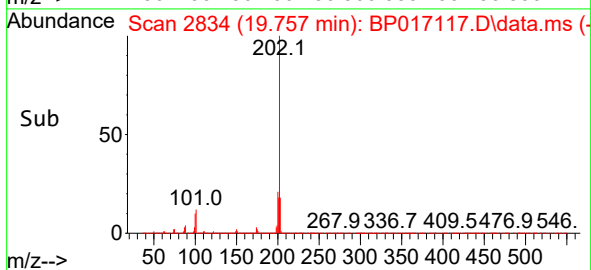
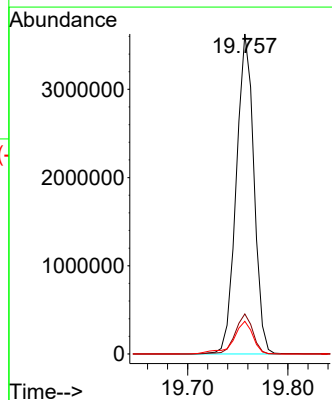
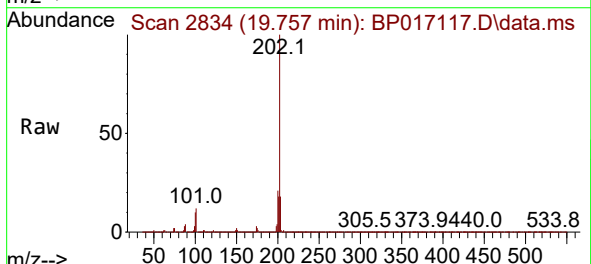
Instrument :
BNA_P
ClientSampleId :

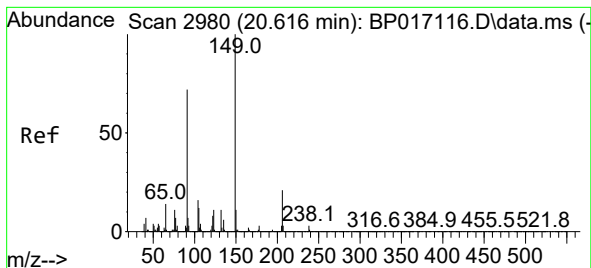
Tgt Ion:202 Resp: 4269925
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 8.0 6.4 9.6



#82
Pyrene
Concen: 42.674 ng/ul
RT: 19.757 min Scan# 2834
Delta R.T. 0.000 min
Lab File: BP017117.D
Acq: 12 Sep 2023 14:13

Tgt Ion:202 Resp: 4447022
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 10.2 7.8 11.8





#83

Butylbenzylphthalate

Concen: 46.537 ng/ul

RT: 20.616 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

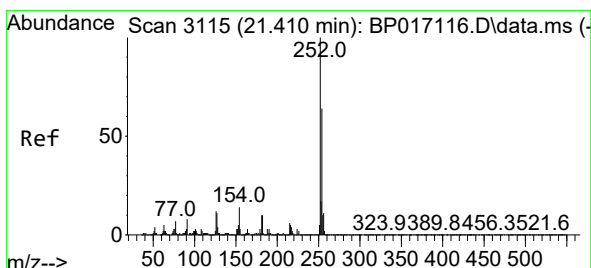
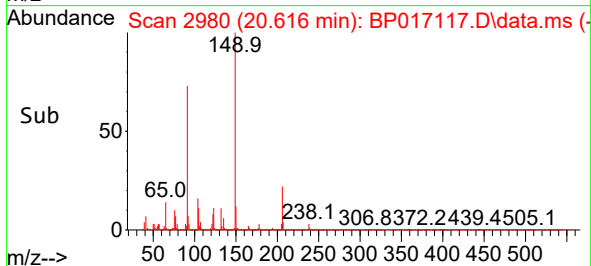
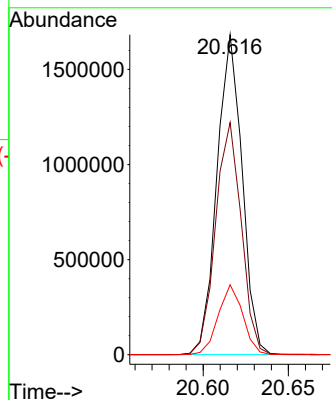
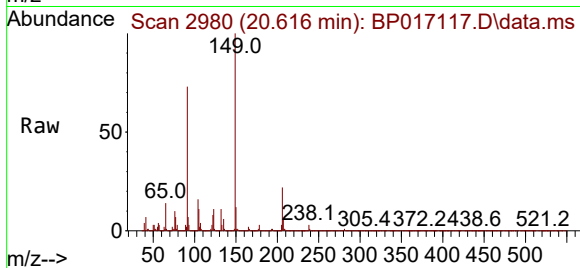
Tgt Ion:149 Resp: 1729611

Ion Ratio Lower Upper

149 100

91 72.5 57.4 86.0

206 21.8 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 45.137 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

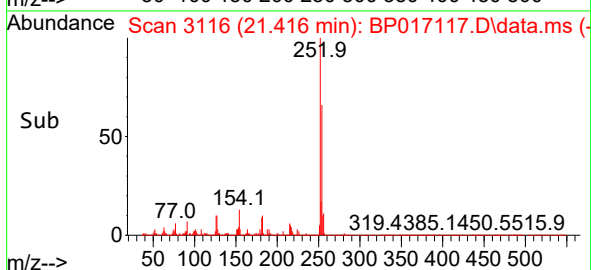
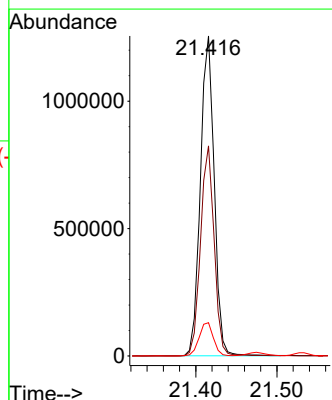
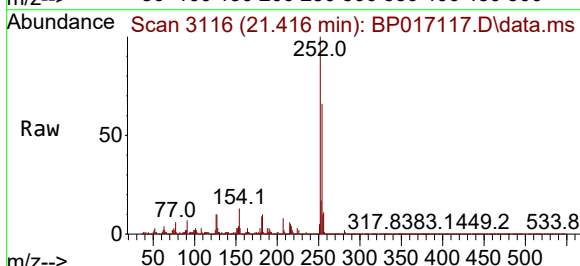
Tgt Ion:252 Resp: 1488841

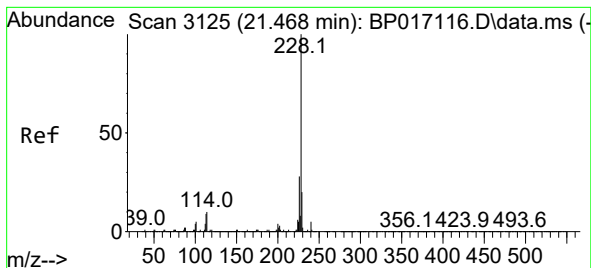
Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.2

126 10.4 9.4 14.2





#85

Benzo(a)anthracene

Concen: 43.705 ng/ul

RT: 21.475 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

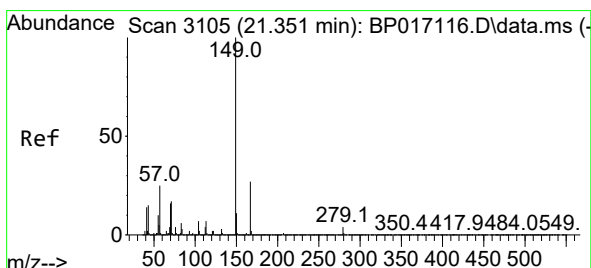
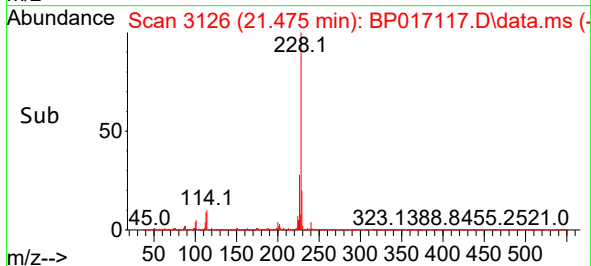
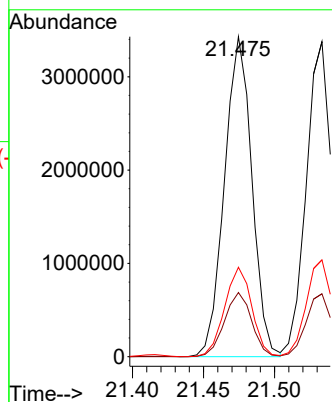
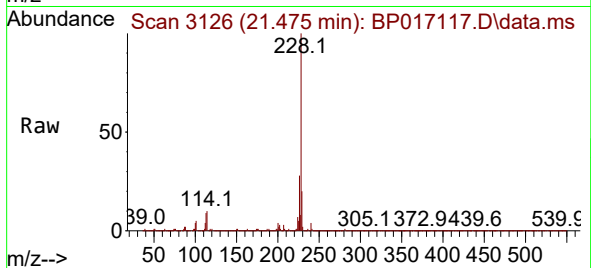
Tgt Ion:228 Resp: 4604058

Ion Ratio Lower Upper

228 100

229 20.0 16.1 24.1

226 28.0 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 47.759 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

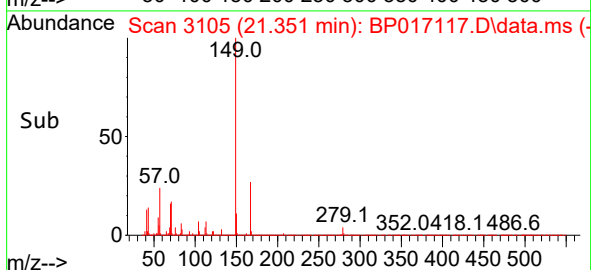
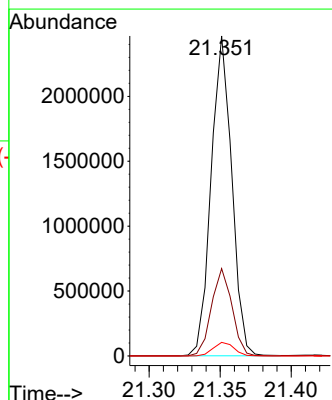
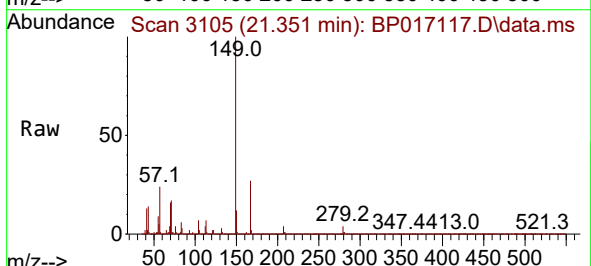
Tgt Ion:149 Resp: 2491716

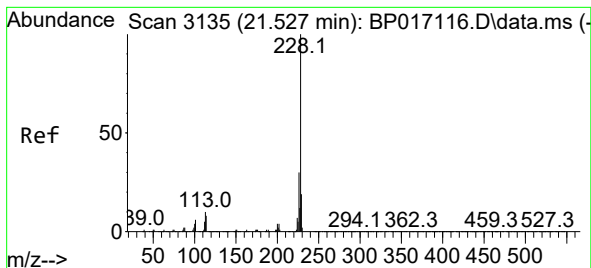
Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 4.3 3.4 5.2





#87

Chrysene

Concen: 43.164 ng/ul

RT: 21.533 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

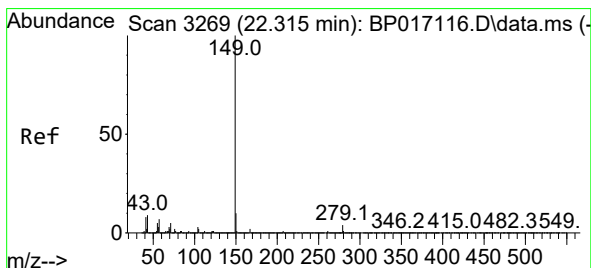
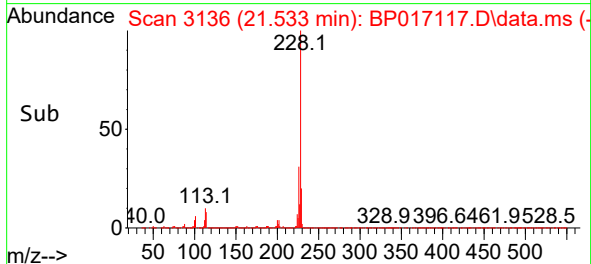
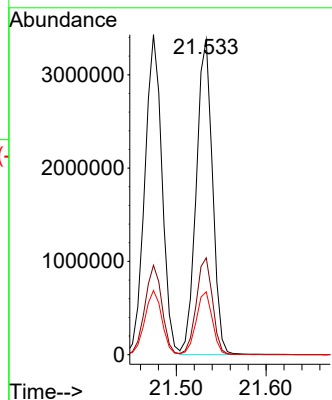
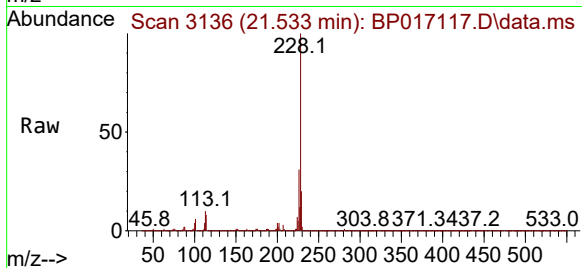
Tgt Ion:228 Resp: 4229802

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 20.0 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 44.650 ng/ul

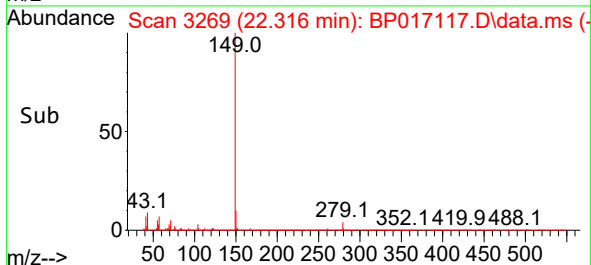
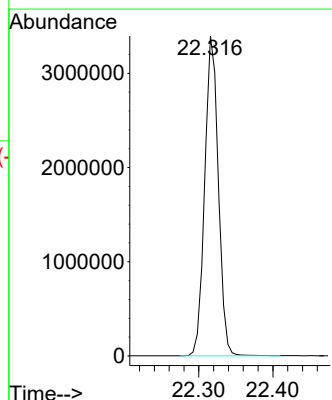
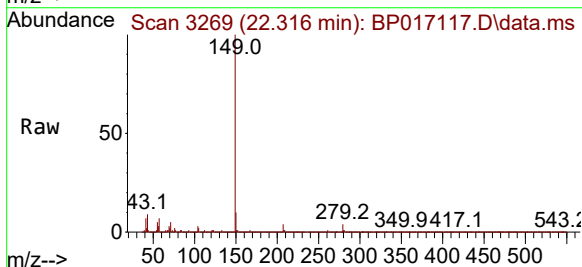
RT: 22.316 min Scan# 3269

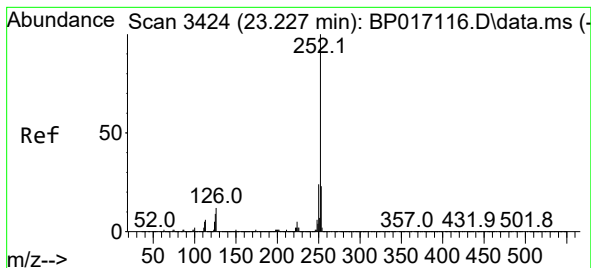
Delta R.T. 0.000 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Tgt Ion:149 Resp: 4342241





#90

Benzo(b)fluoranthene

Concen: 43.288 ng/ul

RT: 23.233 min Scan# 3424

Delta R.T. 0.006 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

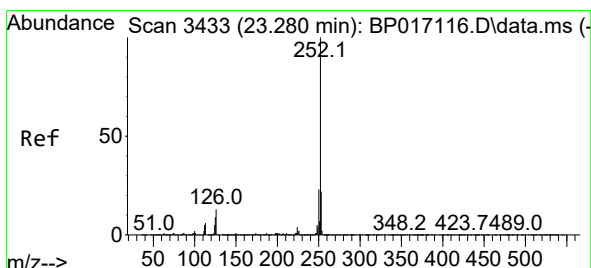
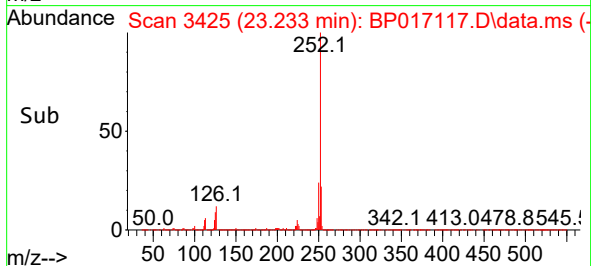
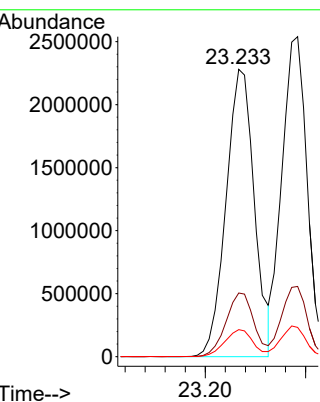
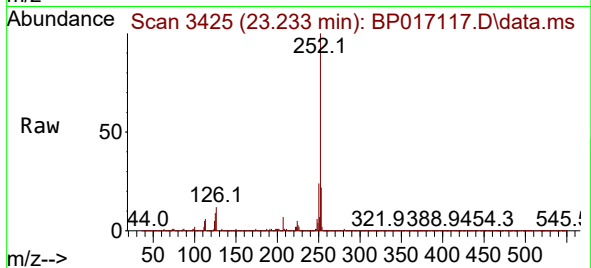
Tgt Ion:252 Resp: 4475219

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 9.4 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 43.076 ng/ul

RT: 23.292 min Scan# 3435

Delta R.T. 0.012 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

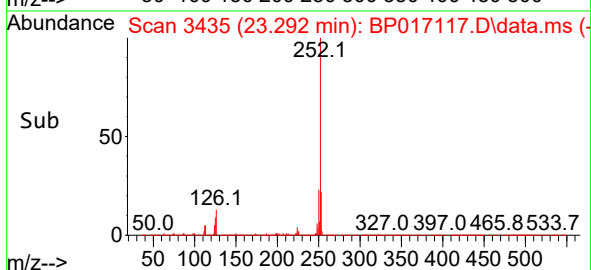
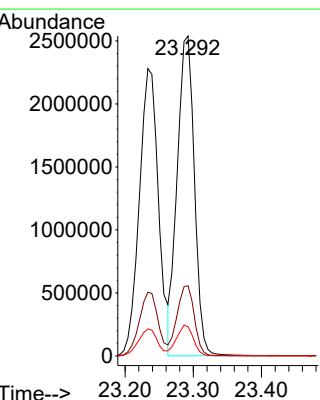
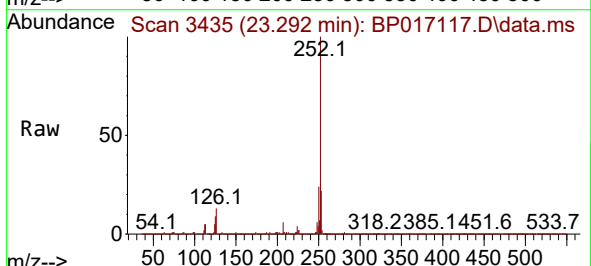
Tgt Ion:252 Resp: 4427171

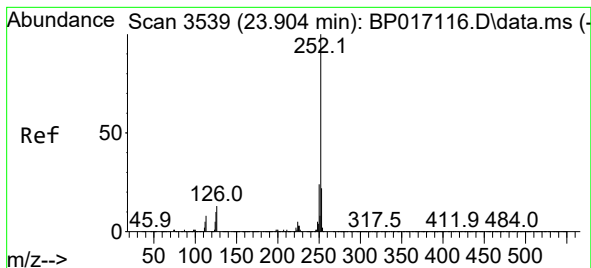
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 9.1 7.4 11.2





#93

Benzo(a)pyrene

Concen: 43.986 ng/ul

RT: 23.916 min Scan# 3

Delta R.T. 0.012 min

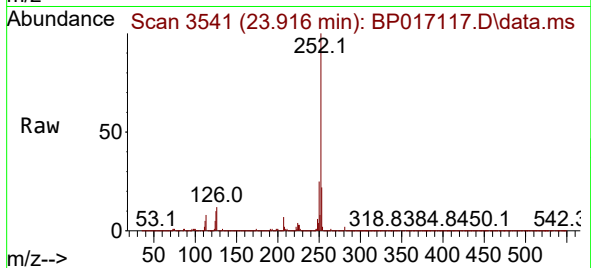
Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :



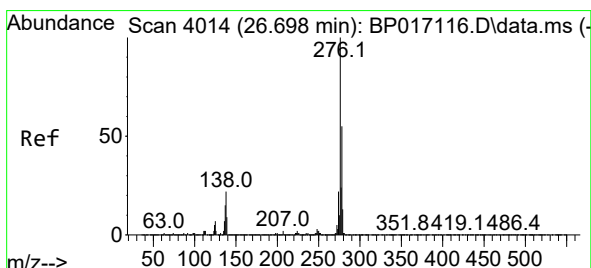
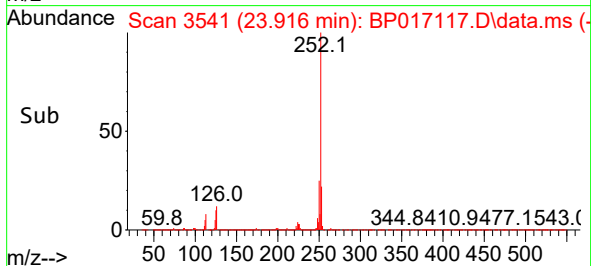
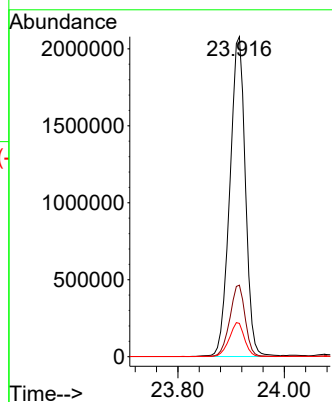
Tgt Ion:252 Resp: 4218837

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.4 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 46.255 ng/ul

RT: 26.715 min Scan# 4017

Delta R.T. 0.018 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

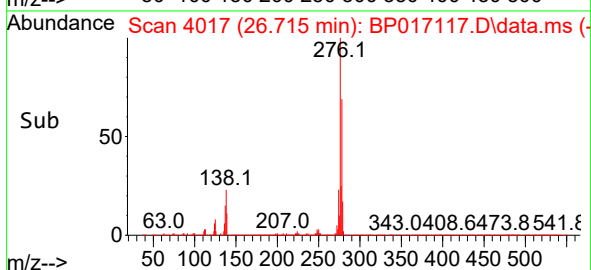
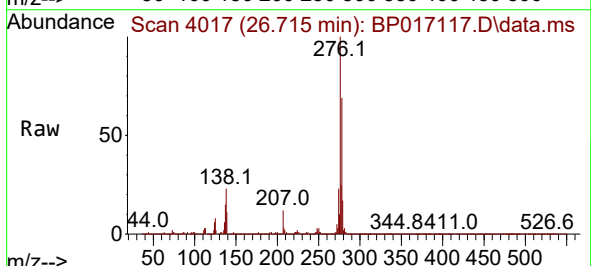
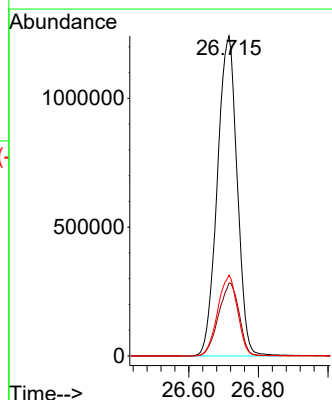
Tgt Ion:276 Resp: 4912665

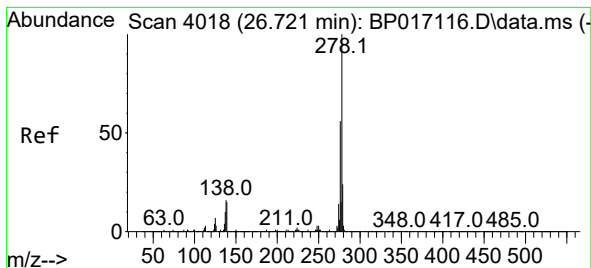
Ion Ratio Lower Upper

276 100

138 22.8 17.5 26.3

277 25.2 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 46.361 ng/ul

RT: 26.733 min Scan# 4018

Delta R.T. 0.012 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Instrument :

BNA_P

ClientSampleId :

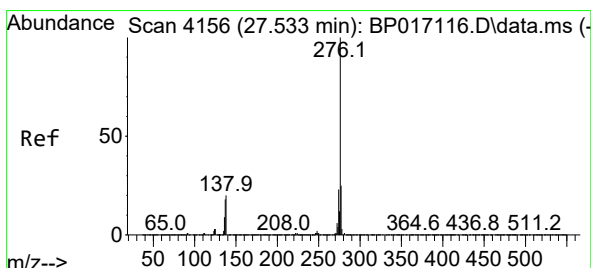
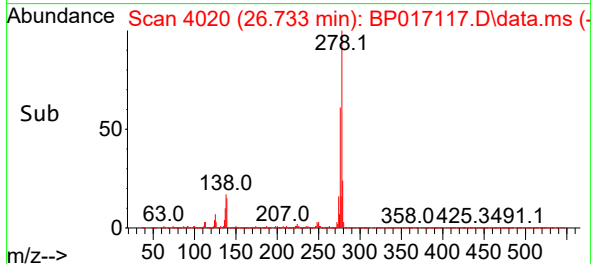
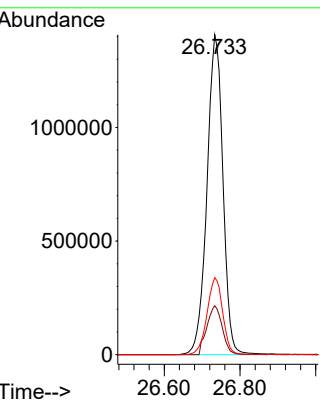
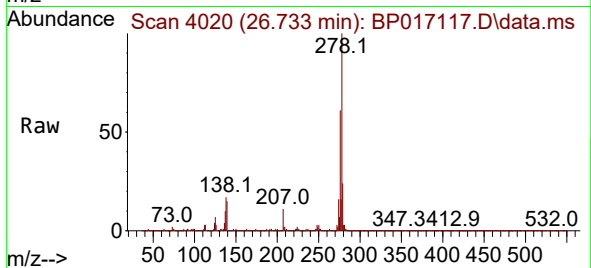
Tgt Ion:278 Resp: 4136277

Ion Ratio Lower Upper

278 100

139 15.3 11.9 17.9

279 24.1 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 46.054 ng/ul

RT: 27.551 min Scan# 4159

Delta R.T. 0.018 min

Lab File: BP017117.D

Acq: 12 Sep 2023 14:13

Tgt Ion:276 Resp: 3782268

Ion Ratio Lower Upper

276 100

138 20.1 16.2 24.4

277 24.2 19.6 29.4

