

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017122.D
 Acq On : 12 Sep 2023 18:24
 Operator : MA/JU
 Sample : PB155208BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 00:52:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	223413	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	1006580	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	662419	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1529591	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1546123	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1628478	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	30354	5.710	ng/uL	0.00
4) Pyridine-d5	3.746	84	420538	27.651	ng/ul	0.00
7) Phenol-d5	7.105	99	570619	31.411	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	339355	29.887	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	440797	30.416	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	437933	29.088	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	213260	30.257	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	233016	30.967	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	449400	30.882	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	594706	27.113	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	1409711	29.905	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1561366	29.191	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	268584	29.480	ng/ul	0.00
60) Fluorene-d10	15.610	176	1215489	29.821	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	251837	29.469	ng/ul	0.00
73) Anthracene-d10	17.486	188	1872588	28.814	ng/ul	0.00
81) Pyrene-d10	19.722	212	2410294	29.725	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	2400542	31.232	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	65356	11.432	ng/uL	95
5) Pyridine	3.769	79	428524	27.202	ng/ul	98
6) Benzaldehyde	7.116	77	321991	31.836	ng/ul	98
8) Phenol	7.134	94	594112	31.009	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.393	93	467863	30.616	ng/ul	99
12) 2-Chlorophenol	7.510	128	463347	31.498	ng/ul	99
13) 2-Methylphenol	8.399	108	431292	30.195	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	366112	17.678	ng/ul	99
16) Acetophenone	8.804	105	728112	30.898	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.781	70	372064	30.725	ng/ul	99
18) 4-Methylphenol	8.734	108	478408	30.274	ng/ul	98
19) Hexachloroethane	9.022	117	186132	30.766	ng/ul	96
22) Nitrobenzene	9.199	77	553705	30.166	ng/ul	97
23) Isophorone	9.710	82	1025967	29.827	ng/ul	99
25) 2-Nitrophenol	9.904	139	262500	31.387	ng/ul	98
26) 2,4-Dimethylphenol	9.940	107	383545	22.503	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.199	93	642642	29.809	ng/ul	99
29) 2,4-Dichlorophenol	10.422	162	456034	30.959	ng/ul	99
30) Naphthalene	10.834	128	1520104	29.844	ng/ul	99
32) 4-Chloroaniline	10.969	127	552978	25.835	ng/ul	99
33) Hexachlorobutadiene	11.063	225	302239	30.217	ng/ul	99
34) Caprolactam	11.798	113	100458	21.696	ng/ul	91
35) 4-Chloro-3-methylphenol	12.069	107	500026	31.373	ng/ul	98
36) 2-Methylnaphthalene	12.440	142	1034105	30.088	ng/ul	99

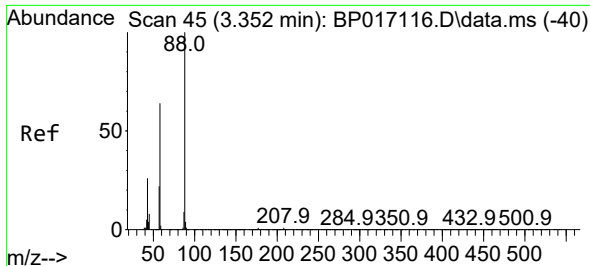
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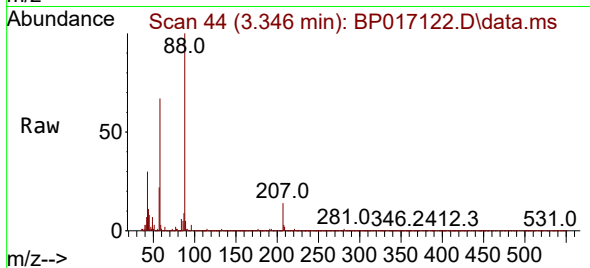
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	1004998	28.887	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	576894	29.240	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	236849	19.268	ng/ul	100
41) 2,4,6-Trichlorophenol	13.040	196	360096	28.731	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	407969	30.617	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	1406397	29.608	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	1120785	29.712	ng/ul	99
45) 2-Nitroaniline	13.734	65	322844	31.597	ng/ul	95
47) Dimethylphthalate	14.081	163	1464769	30.610	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	288441	32.970	ng/ul	99
50) Acenaphthylene	14.345	152	1749150	28.307	ng/ul	100
51) 3-Nitroaniline	14.563	138	304525	32.538	ng/ul	98
52) Acenaphthene	14.681	153	1207613	29.533	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	169115	27.598	ng/ul	95
55) 4-Nitrophenol	14.851	109	222593	30.526	ng/ul	96
56) Dibenzofuran	15.016	168	1719329	30.427	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	430838	33.073	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.234	232	330209	28.248	ng/ul	97
59) Diethylphthalate	15.434	149	1473015	31.178	ng/ul	100
61) Fluorene	15.669	166	1417166	30.335	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	719217	30.280	ng/ul	99
63) 4-Nitroaniline	15.734	138	315353	36.244	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	271371	29.589	ng/ul	97
67) N-Nitrosodiphenylamine	15.886	169	1201147	30.201	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	446437	30.619	ng/ul	97
69) Hexachlorobenzene	16.645	284	515399	29.865	ng/ul	99
70) Atrazine	16.839	200	155887	10.828	ng/ul	99
71) Pentachlorophenol	17.010	266	270626	24.129	ng/ul	100
72) Phenanthrene	17.428	178	2361495	30.722	ng/ul	99
74) Anthracene	17.522	178	2263820	29.078	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	57725	2.729	ng/uL	99
76) Pentachlorobenzene	14.910	250	600435	31.289	ng/uL	99
77) Carbazole	17.810	167	2162224	31.629	ng/ul	100
78) Di-n-butylphthalate	18.316	149	2543002	32.645	ng/ul	99
80) Fluoranthene	19.398	202	2903890	30.639	ng/ul	99
82) Pyrene	19.751	202	3040077	30.357	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1197708	33.534	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	1003256	31.650	ng/ul	99
85) Benzo(a)anthracene	21.469	228	3085108	30.475	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1727186	34.449	ng/ul	99
87) Chrysene	21.527	228	2943137	31.254	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	2985861	33.067	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3060022	31.879	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	3100029	32.486	ng/ul	99
93) Benzo(a)pyrene	23.904	252	2714498	30.481	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	3327312	33.741	ng/ul	99
95) Dibenzo(a,h)anthracene	26.715	278	2819683	34.038	ng/ul	99
96) Benzo(g,h,i)perylene	27.533	276	2630801	34.500	ng/ul	99

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



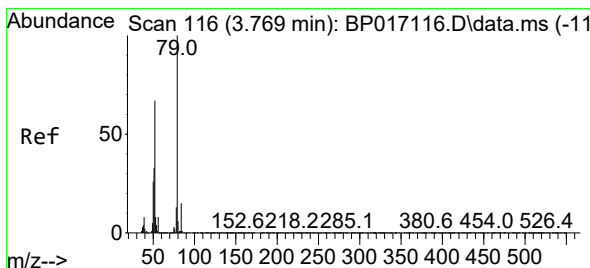
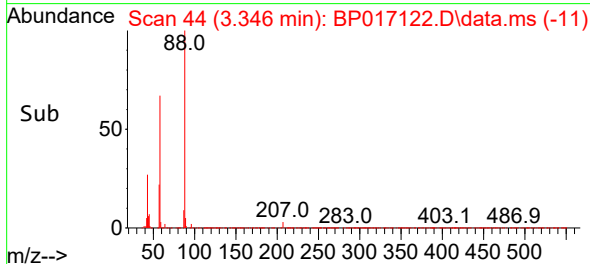
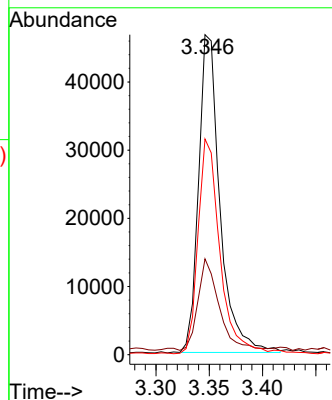
#2
1,4-Dioxane
Concen: 11.432 ng/uL
RT: 3.346 min Scan# 44
Delta R.T. -0.006 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 88 Resp: 65356

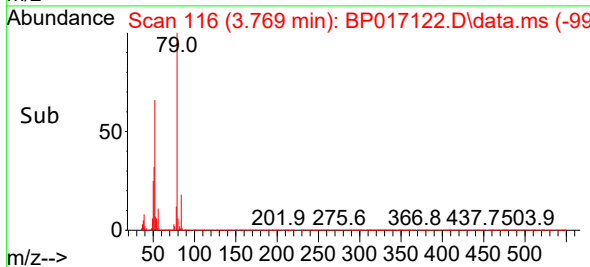
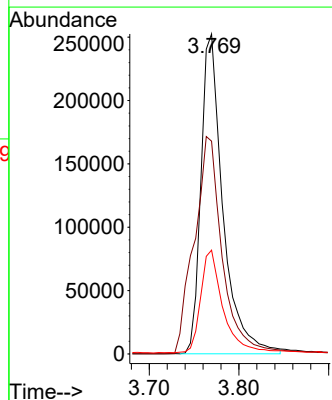
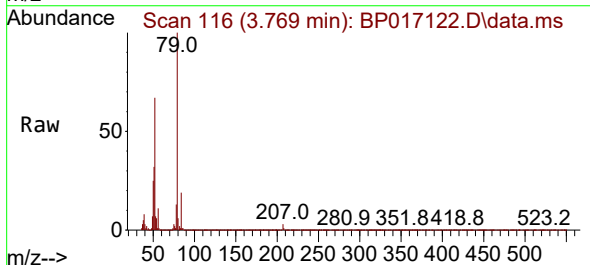
Ion	Ratio	Lower	Upper
88	100		
43	30.0	21.9	32.9
58	67.4	50.8	76.2

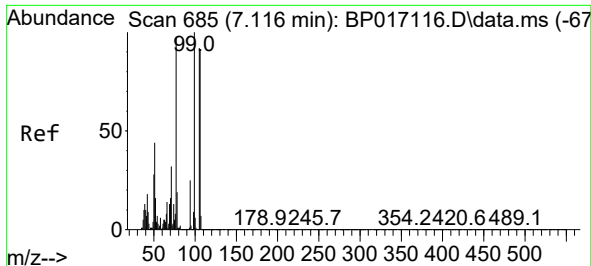


#5
Pyridine
Concen: 27.202 ng/uL
RT: 3.769 min Scan# 116
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion: 79 Resp: 428524

Ion	Ratio	Lower	Upper
79	100		
52	66.5	54.5	81.7
51	32.4	27.0	40.6

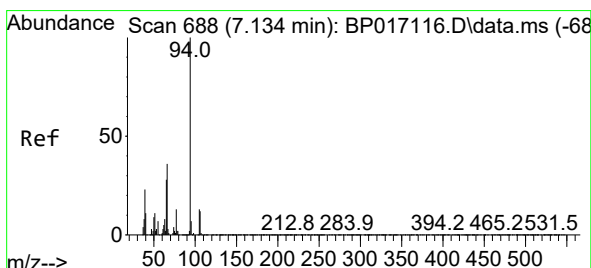
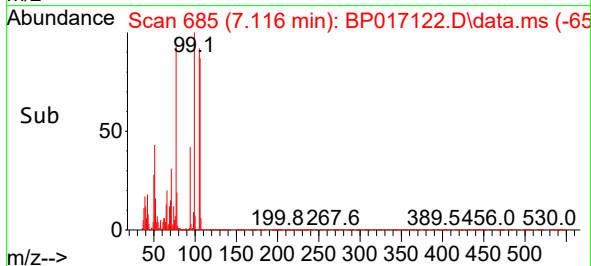
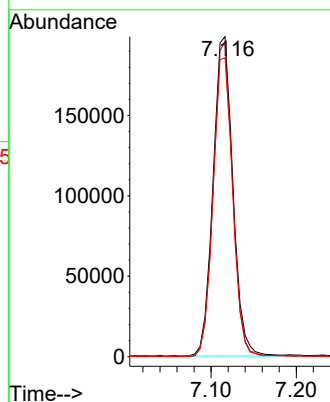
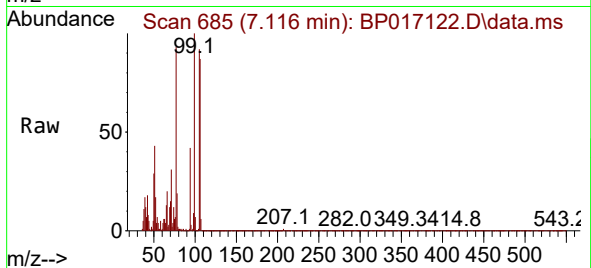




#6
Benzaldehyde
Concen: 31.836 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

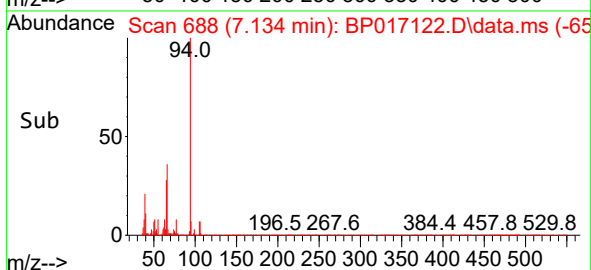
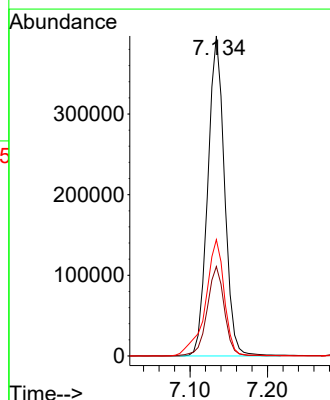
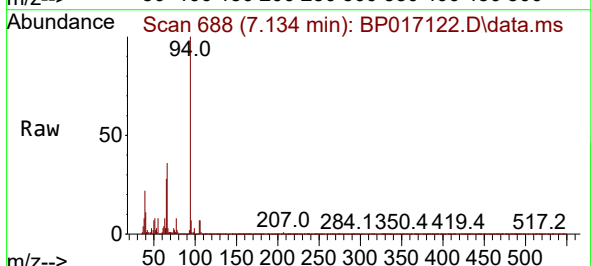
Instrument :
BNA_P
ClientSampleId :

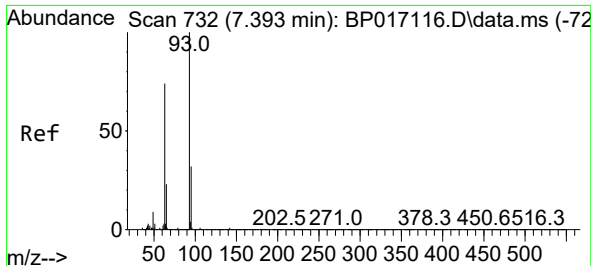
Tgt Ion: 77 Resp: 321991
Ion Ratio Lower Upper
77 100
105 98.4 75.3 112.9
106 93.4 74.6 111.8



#8
Phenol
Concen: 31.009 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion: 94 Resp: 594112
Ion Ratio Lower Upper
94 100
65 27.9 22.7 34.1
66 36.4 29.6 44.4

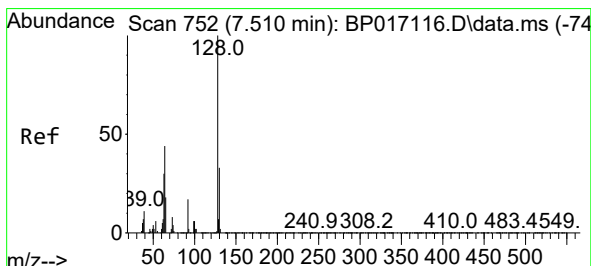
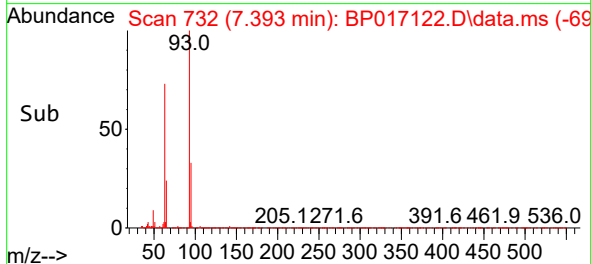
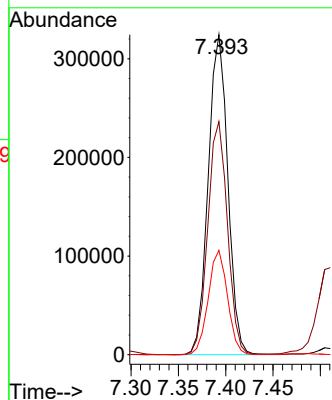
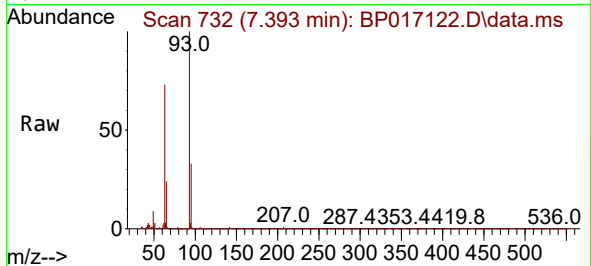




#10
Bis(2-Chloroethyl)ether
Concen: 30.616 ng/ul
RT: 7.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

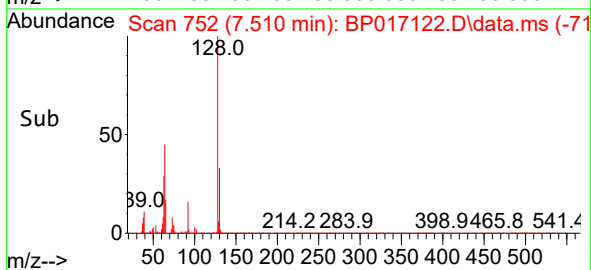
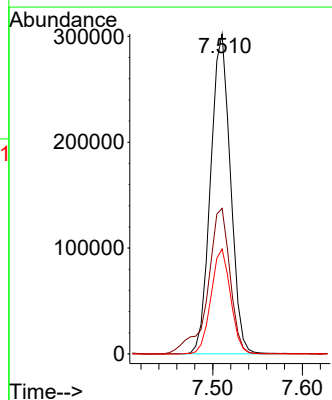
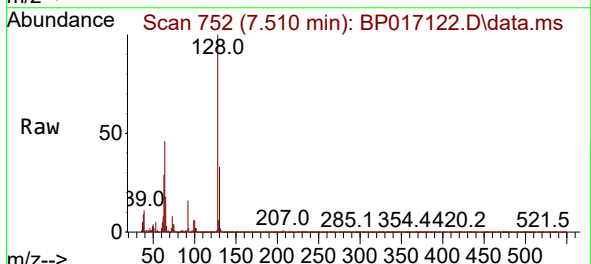
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BNA_P
ClientSampleId :

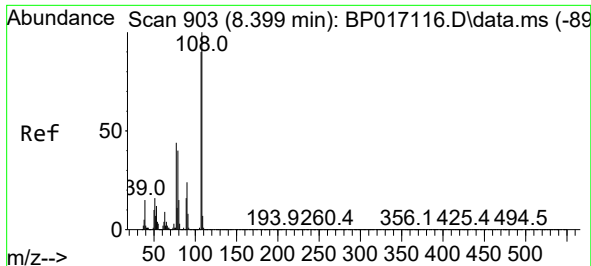
Tgt Ion: 93 Resp: 467863
Ion Ratio Lower Upper
93 100
63 72.9 59.5 89.3
95 32.6 25.8 38.6



#12
2-Chlorophenol
Concen: 31.498 ng/ul
RT: 7.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:128 Resp: 463347
Ion Ratio Lower Upper
128 100
64 45.5 36.8 55.2
130 32.8 26.3 39.5





#13

2-Methylphenol

Concen: 30.195 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

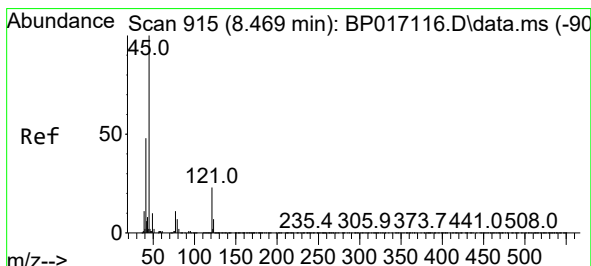
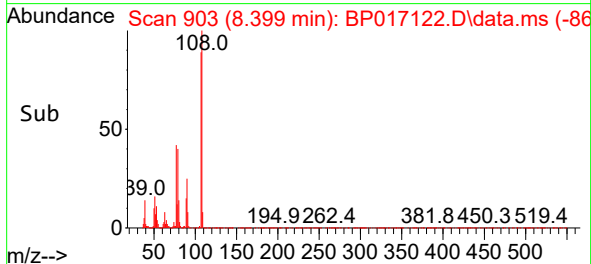
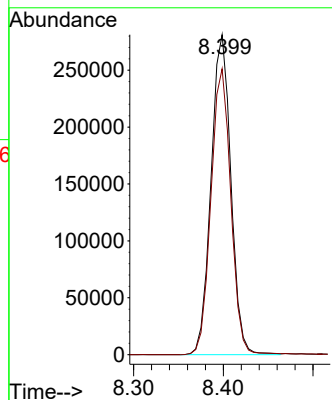
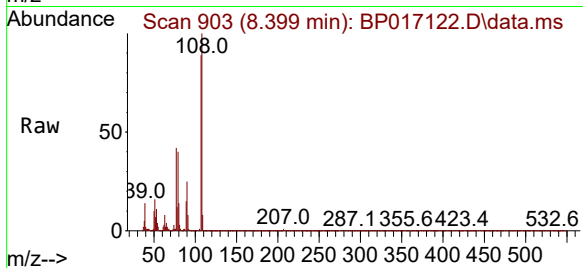
ClientSampleId :

Tgt Ion:108 Resp: 431292

Ion Ratio Lower Upper

108 100

107 89.3 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.678 ng/ul

RT: 8.469 min Scan# 915

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

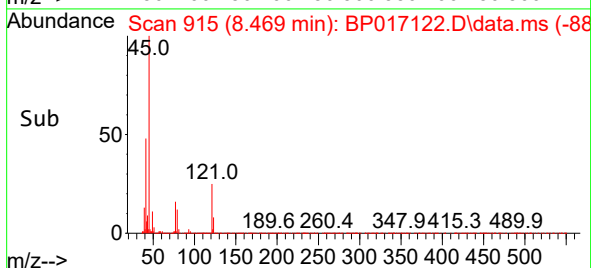
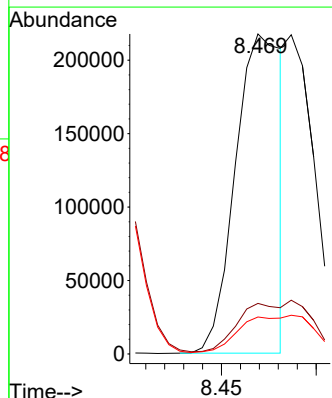
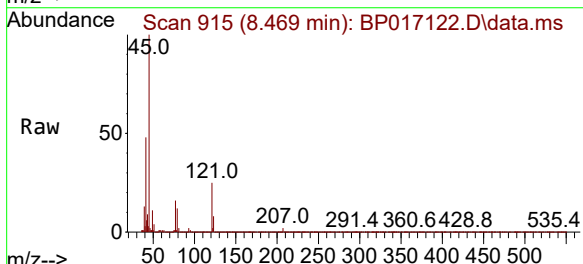
Tgt Ion: 45 Resp: 366112

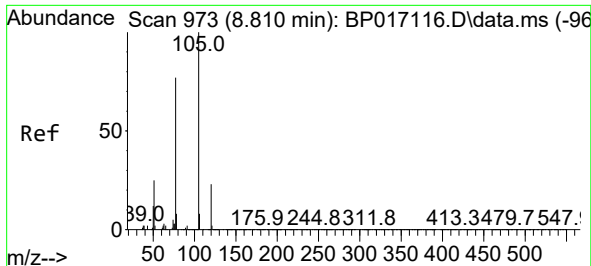
Ion Ratio Lower Upper

45 100

77 15.8 12.5 18.7

79 11.6 8.8 13.2

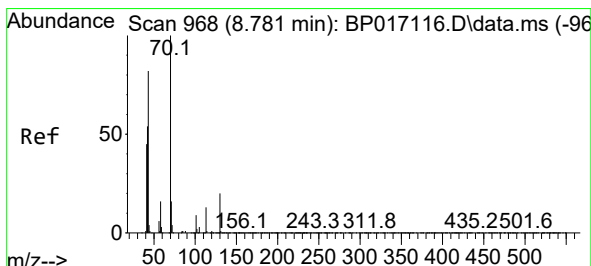
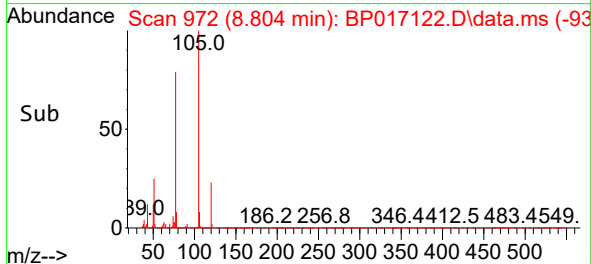
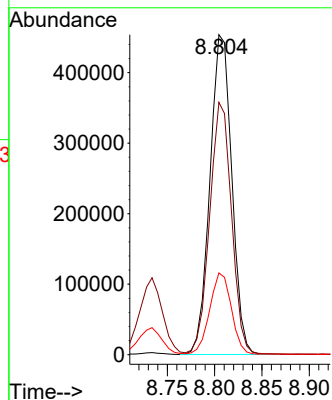
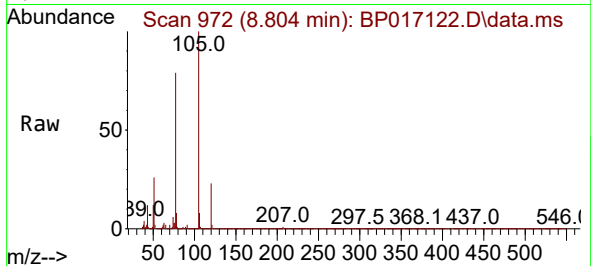




#16
Acetophenone
Concen: 30.898 ng/ul
RT: 8.804 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

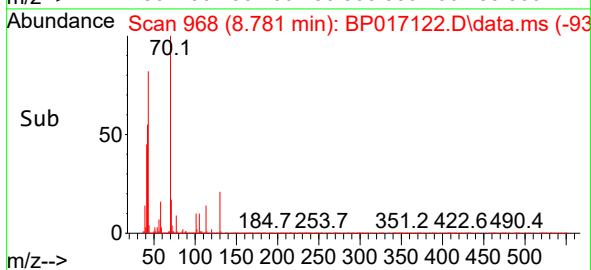
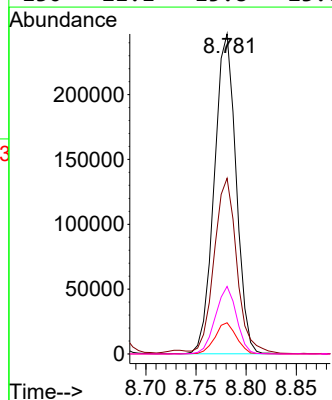
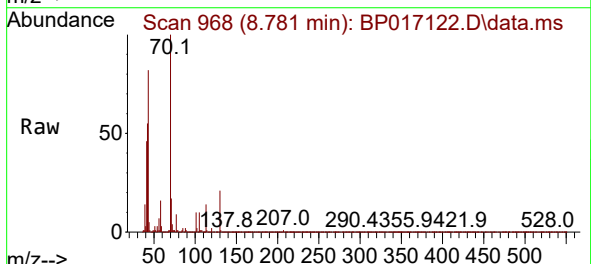
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BNA_P
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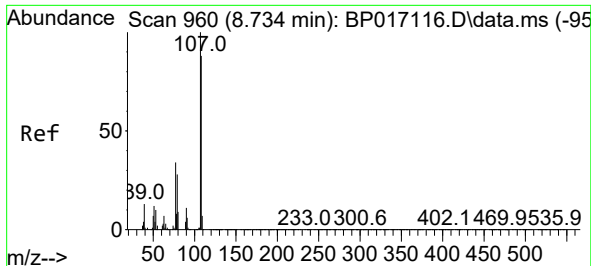
Tgt Ion:105 Resp: 728112
Ion Ratio Lower Upper
105 100
77 78.8 63.0 94.4
51 25.6 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 30.725 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion: 70 Resp: 372064
Ion Ratio Lower Upper
70 100
42 54.9 43.9 65.9
101 9.7 7.0 10.4
130 21.1 15.8 23.6

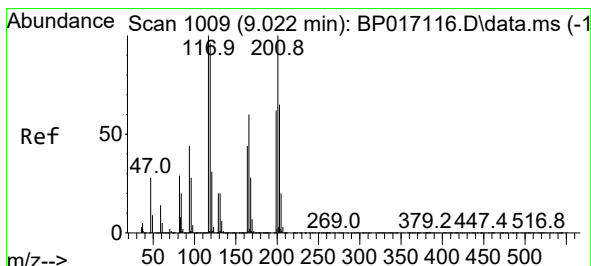
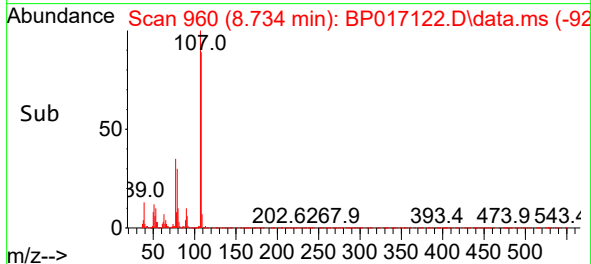
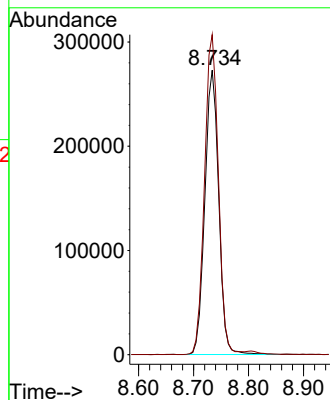
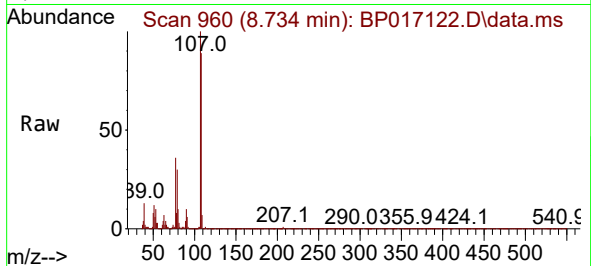




#18
4-Methylphenol
Concen: 30.274 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

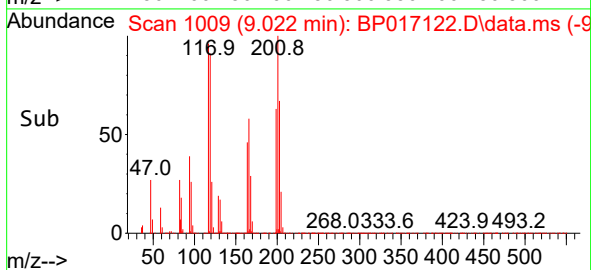
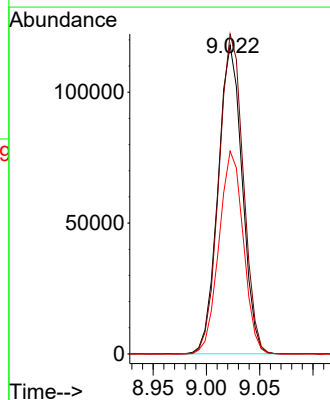
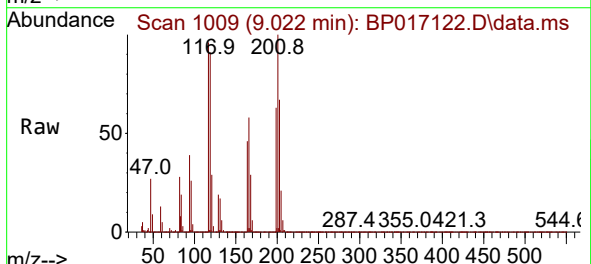
Instrument :
BNA_P
ClientSampleId :

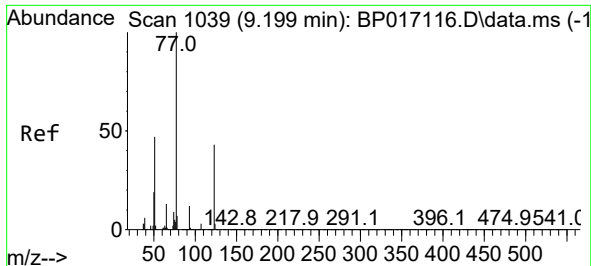
Tgt Ion:108 Resp: 478408
Ion Ratio Lower Upper
108 100
107 112.5 91.4 137.0



#19
Hexachloroethane
Concen: 30.766 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:117 Resp: 186132
Ion Ratio Lower Upper
117 100
201 103.6 79.9 119.9
199 65.7 49.4 74.2

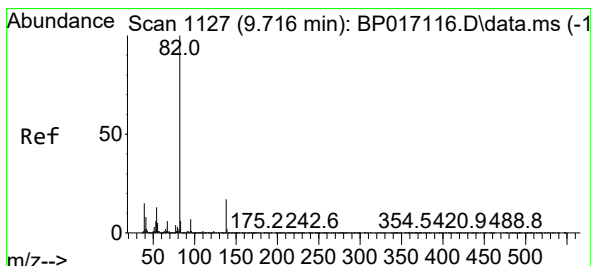
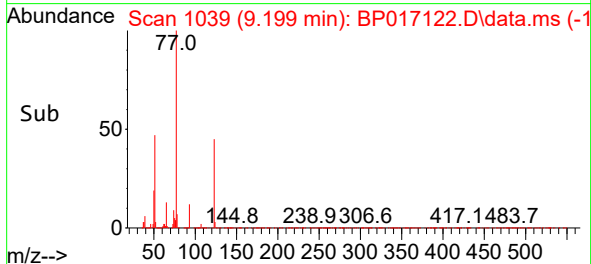
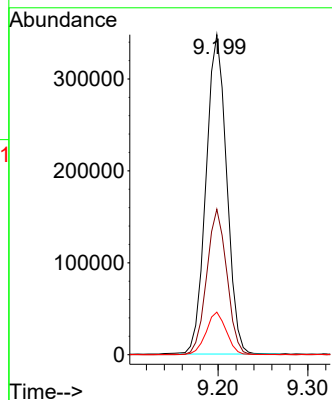
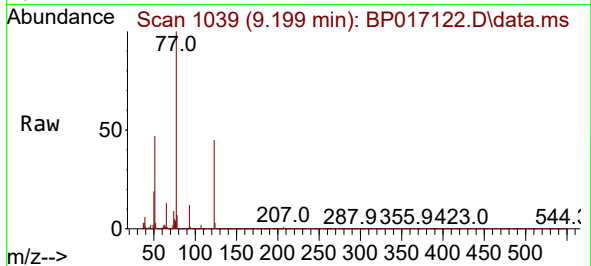




#22
Nitrobenzene
Concen: 30.166 ng/ul
RT: 9.199 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

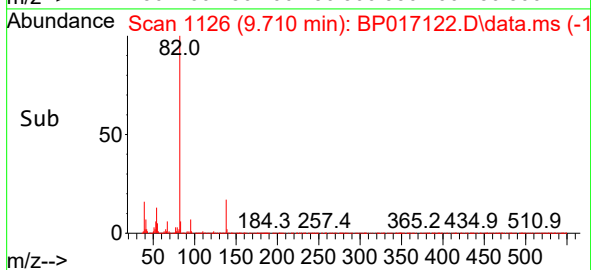
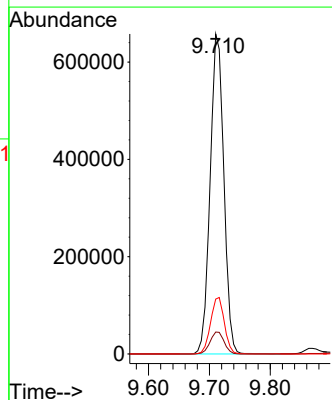
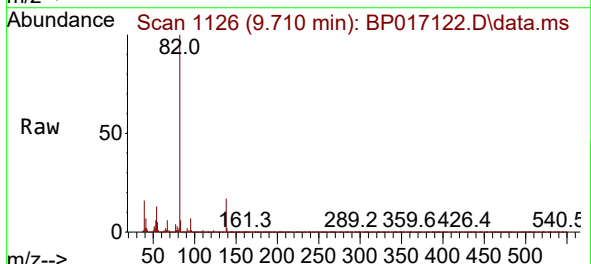
Instrument :
BNA_P
ClientSampleId :

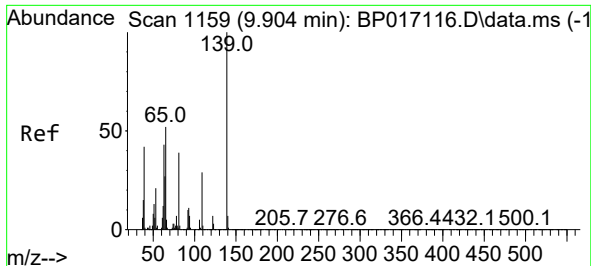
Tgt Ion: 77 Resp: 553705
Ion Ratio Lower Upper
77 100
123 45.4 34.6 51.8
65 13.3 10.6 16.0



#23
Isophorone
Concen: 29.827 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion: 82 Resp: 1025967
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 17.1 14.0 21.0

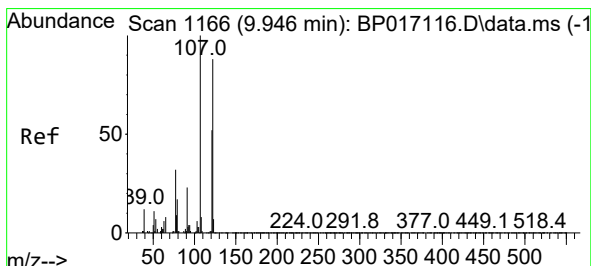
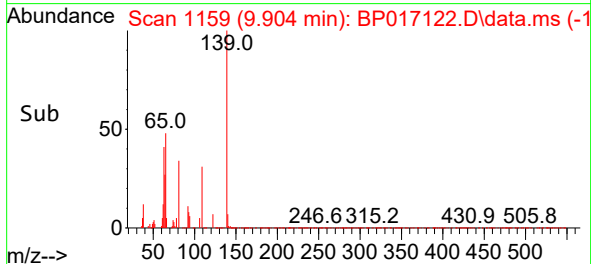
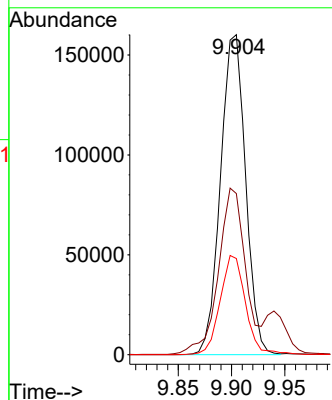
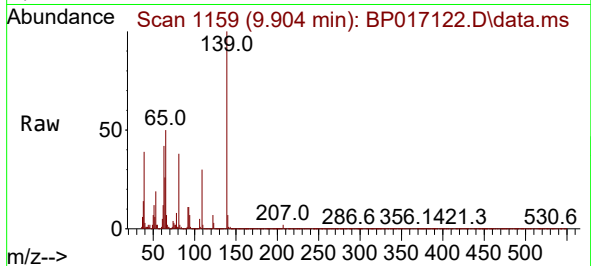




#25
2-Nitrophenol
Concen: 31.387 ng/ul
RT: 9.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

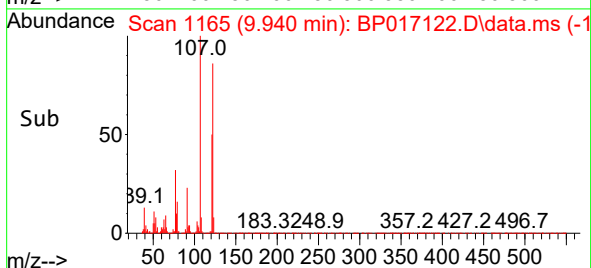
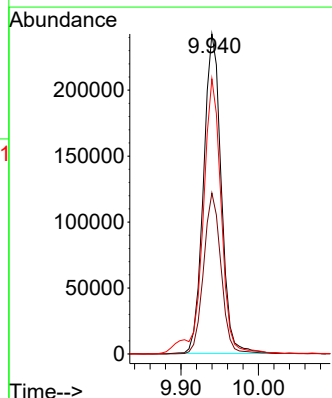
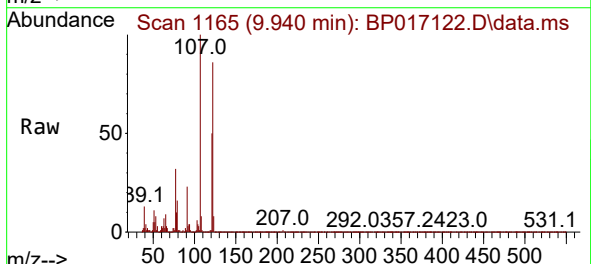
Instrument :
BNA_P
ClientSampleId :

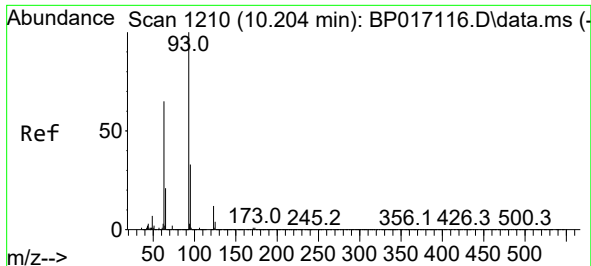
Tgt Ion:139 Resp: 262500
Ion Ratio Lower Upper
139 100
65 50.4 41.9 62.9
109 30.0 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 22.503 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:107 Resp: 383545
Ion Ratio Lower Upper
107 100
121 50.3 41.7 62.5
122 86.0 70.4 105.6

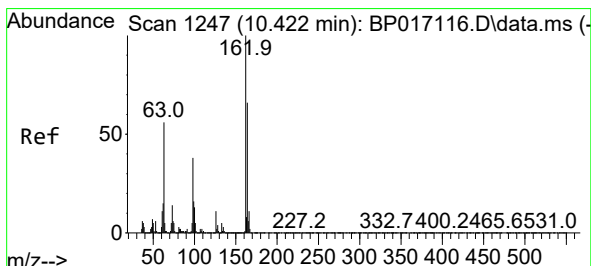
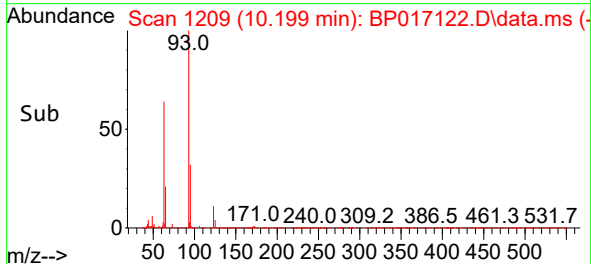
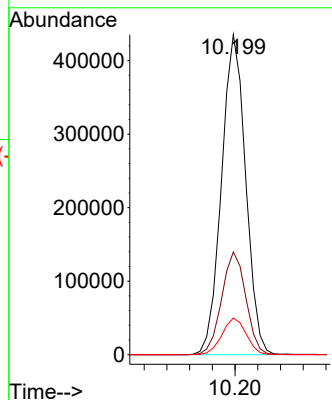
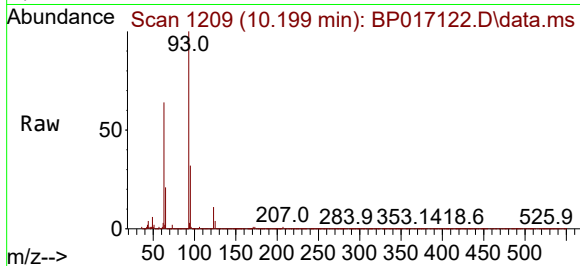




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.809 ng/ul
 RT: 10.199 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BP017122.D
 Acq: 12 Sep 2023 18:24

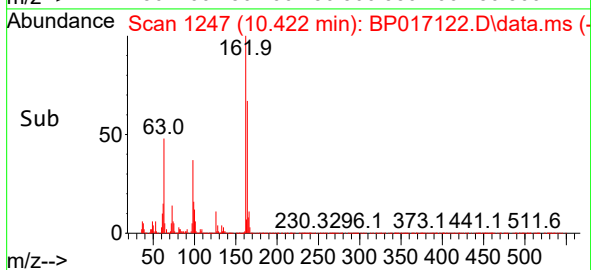
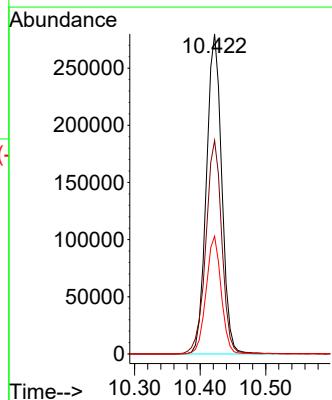
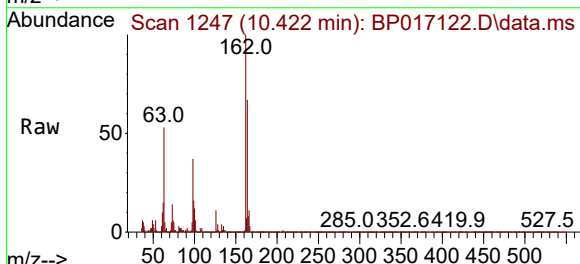
Instrument :
 BNA_P
 ClientSampleId :

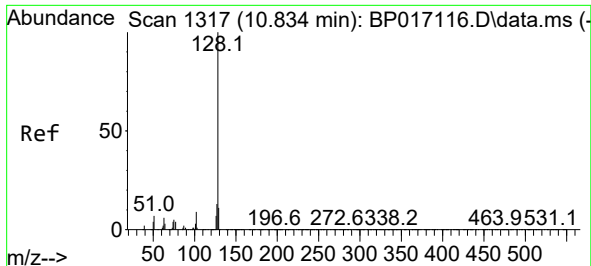
Tgt Ion: 93 Resp: 642642
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.2 39.4
 123 11.5 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 30.959 ng/ul
 RT: 10.422 min Scan# 1247
 Delta R.T. 0.000 min
 Lab File: BP017122.D
 Acq: 12 Sep 2023 18:24

Tgt Ion: 162 Resp: 456034
 Ion Ratio Lower Upper
 162 100
 164 66.7 53.2 79.8
 98 36.8 30.0 45.0

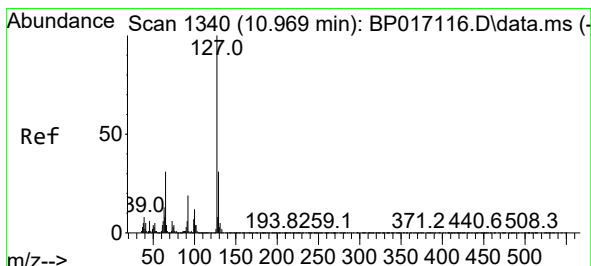
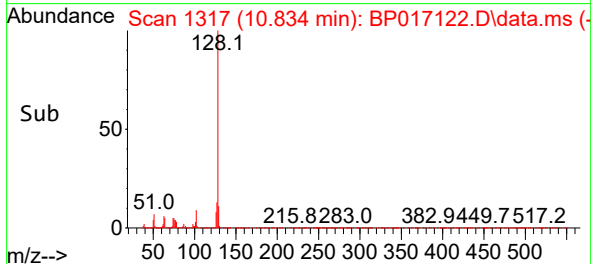
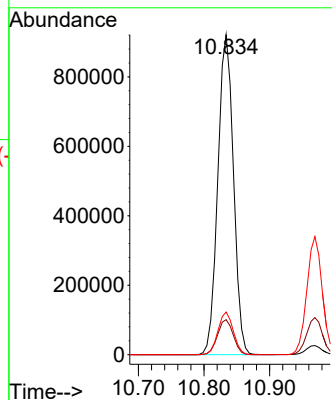
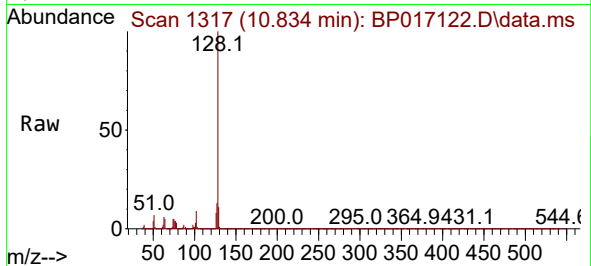




#30
Naphthalene
Concen: 29.844 ng/ul
RT: 10.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

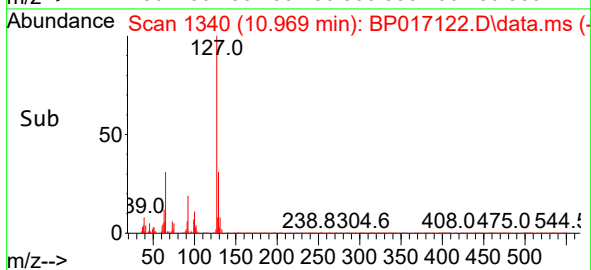
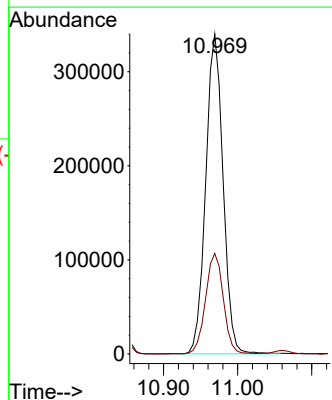
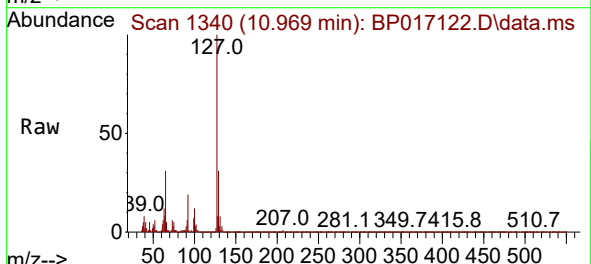
Instrument :
BNA_P
ClientSampleId :

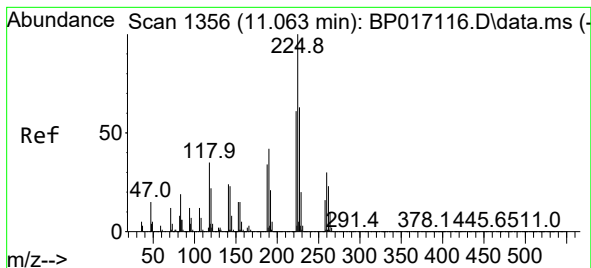
Tgt Ion:128 Resp: 1520104
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 25.835 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:127 Resp: 552978
Ion Ratio Lower Upper
127 100
129 31.4 24.8 37.2





#33

Hexachlorobutadiene

Concen: 30.217 ng/ul

RT: 11.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

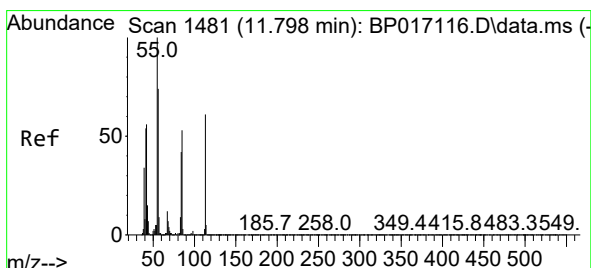
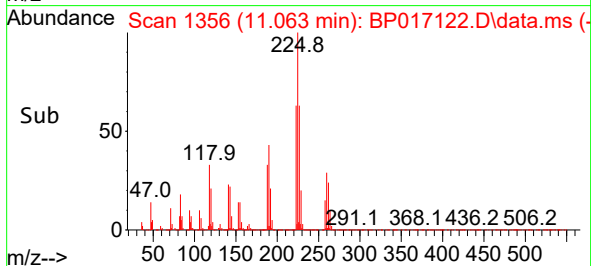
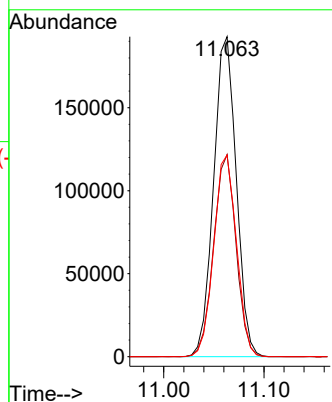
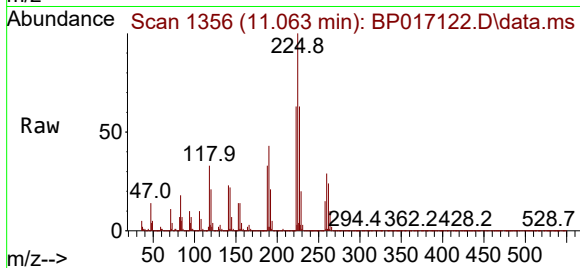
Tgt Ion:225 Resp: 302239

Ion Ratio Lower Upper

225 100

223 63.2 49.0 73.4

227 63.0 50.2 75.4



#34

Caprolactam

Concen: 21.696 ng/ul

RT: 11.798 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

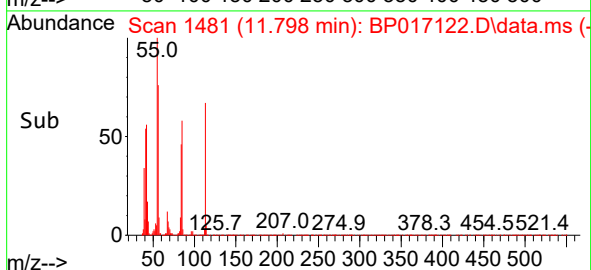
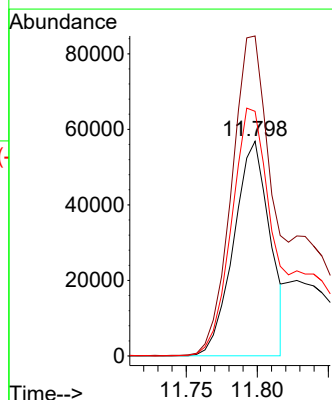
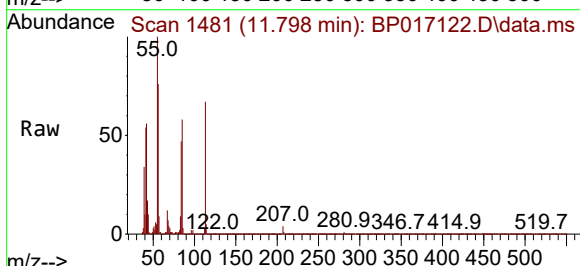
Tgt Ion:113 Resp: 100458

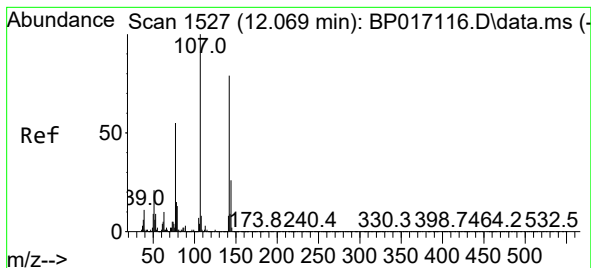
Ion Ratio Lower Upper

113 100

55 149.1 130.7 196.1

56 113.9 96.8 145.2

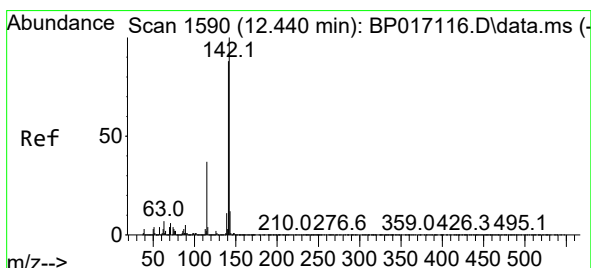
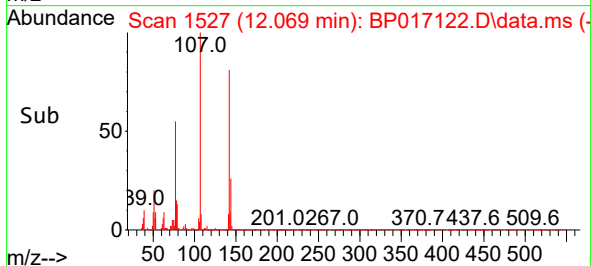
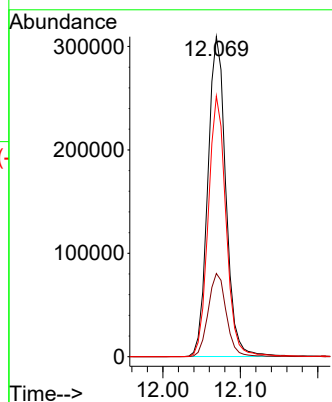
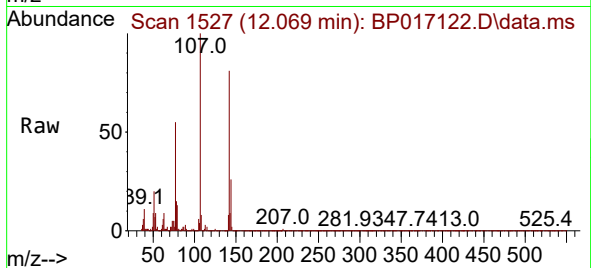




#35
4-Chloro-3-methylphenol
Concen: 31.373 ng/ul
RT: 12.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

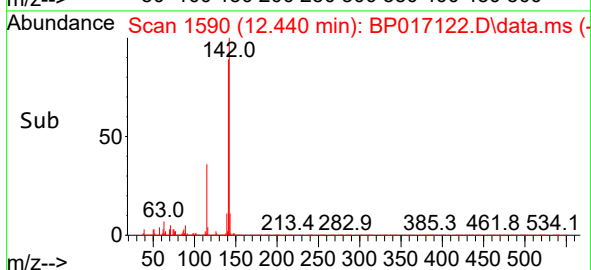
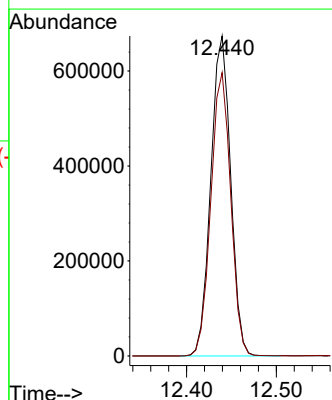
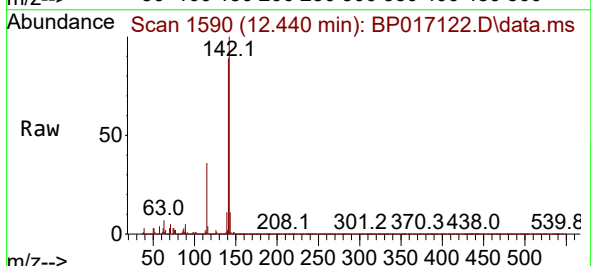
Instrument :
BNA_P
ClientSampleId :

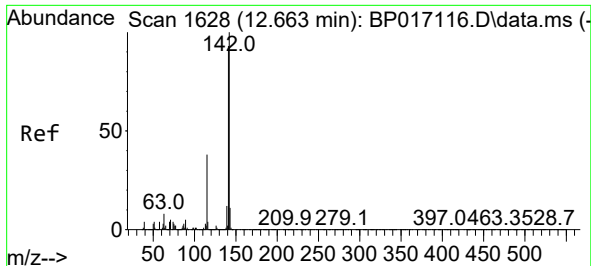
Tgt Ion:107 Resp: 500026
Ion Ratio Lower Upper
107 100
144 26.0 20.6 31.0
142 81.5 63.4 95.0



#36
2-Methylnaphthalene
Concen: 30.088 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:142 Resp: 1034105
Ion Ratio Lower Upper
142 100
141 88.6 70.1 105.1





#37

1-Methylnaphthalene

Concen: 28.887 ng/ul

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

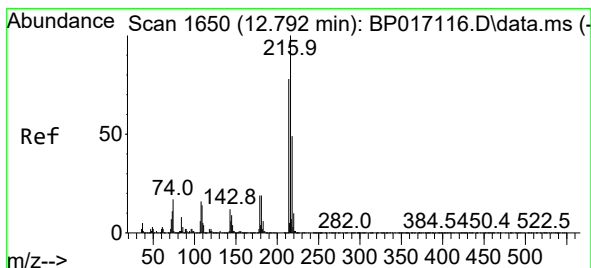
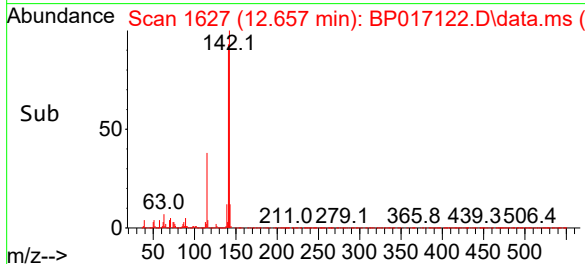
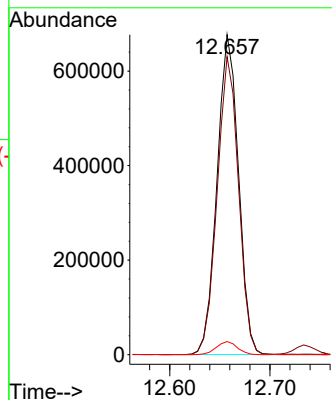
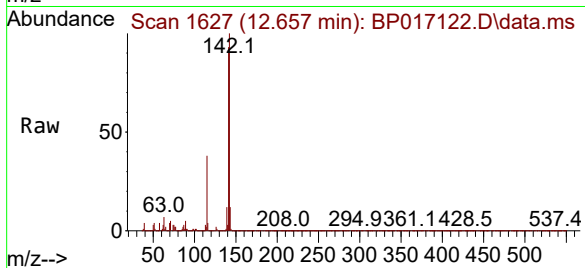
Tgt Ion:142 Resp: 1004998

Ion Ratio Lower Upper

142 100

141 93.2 74.1 111.1

116 4.1 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.240 ng/ul

RT: 12.787 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Tgt Ion:216 Resp: 576894

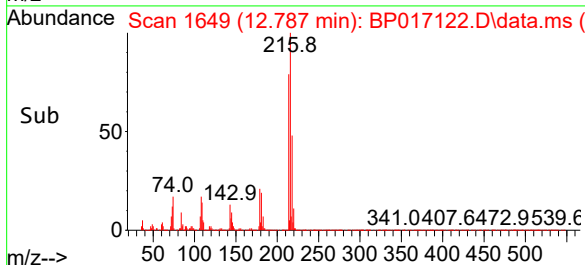
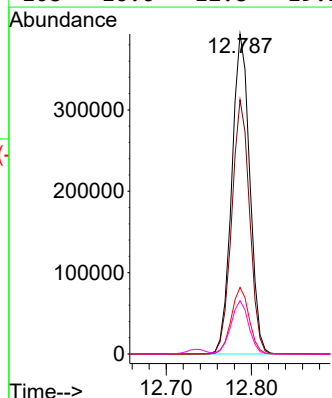
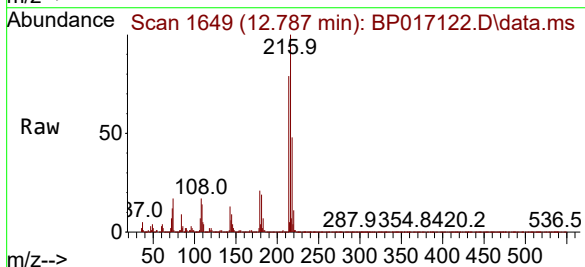
Ion Ratio Lower Upper

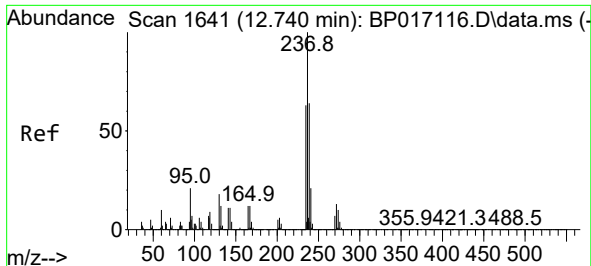
216 100

214 79.5 62.1 93.1

179 20.8 15.6 23.4

108 16.6 12.8 19.2

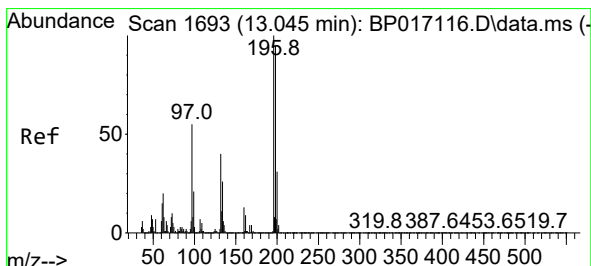
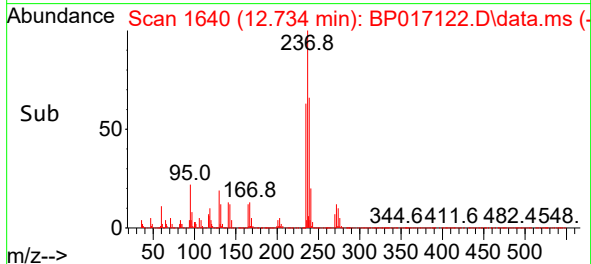
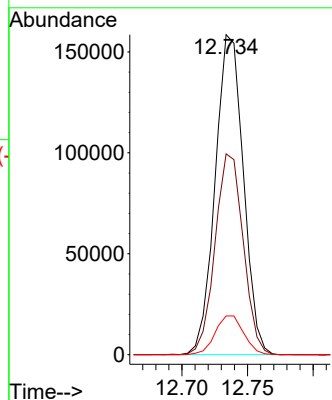
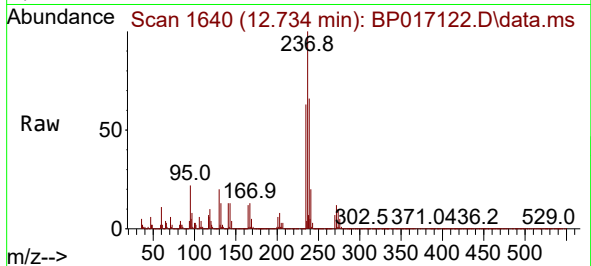




#40
Hexachlorocyclopentadiene
Concen: 19.268 ng/ul
RT: 12.734 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

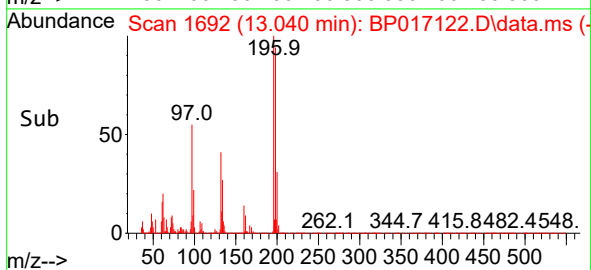
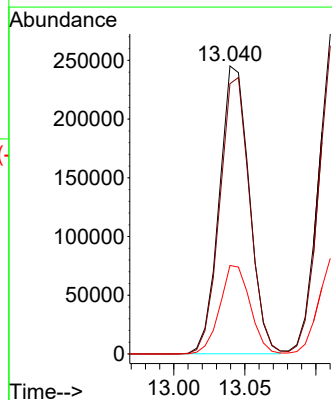
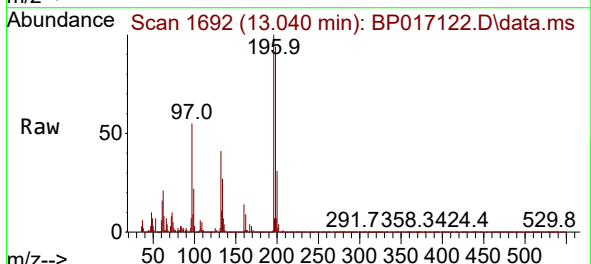
Instrument :
BNA_P
ClientSampleId :

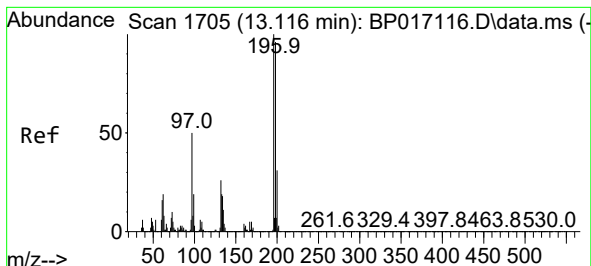
Tgt Ion:237 Resp: 236849
Ion Ratio Lower Upper
237 100
235 62.7 50.4 75.6
272 12.8 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 28.731 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:196 Resp: 360096
Ion Ratio Lower Upper
196 100
198 93.8 76.0 114.0
200 30.7 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 30.617 ng/ul

RT: 13.110 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

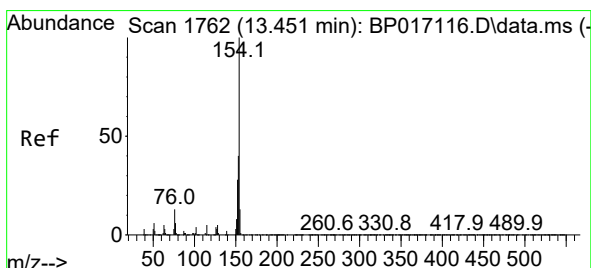
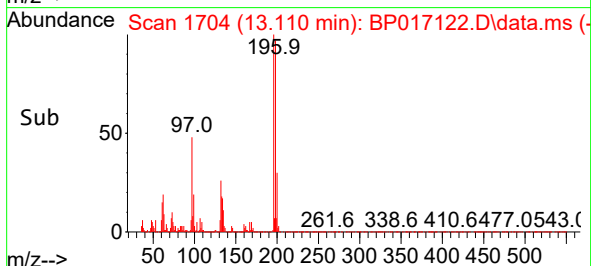
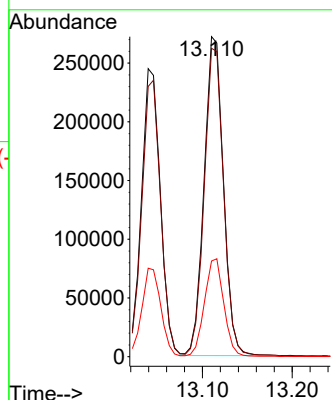
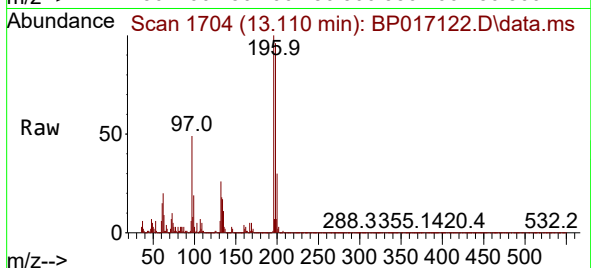
Tgt Ion:196 Resp: 407969

Ion Ratio Lower Upper

196 100

198 96.4 76.9 115.3

200 29.9 25.0 37.6



#43

1,1'-Biphenyl

Concen: 29.608 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

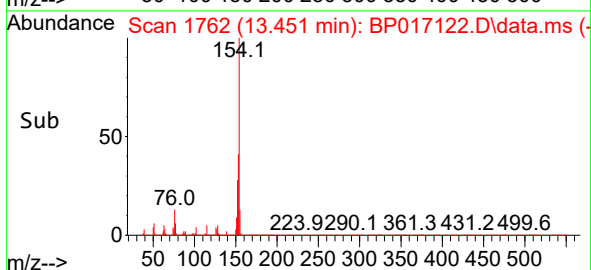
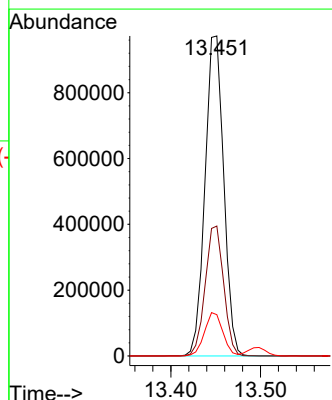
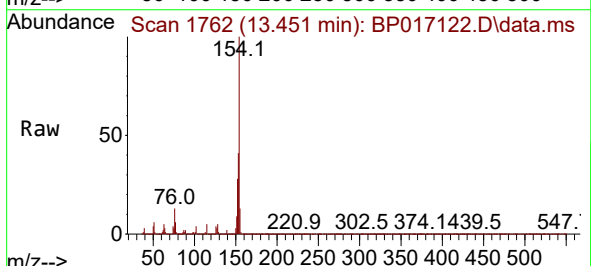
Tgt Ion:154 Resp: 1406397

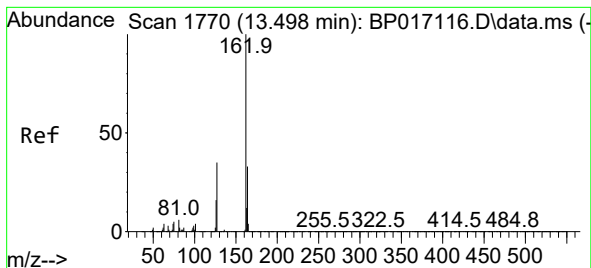
Ion Ratio Lower Upper

154 100

153 40.6 31.8 47.8

76 12.9 10.8 16.2





#44

2-Chloronaphthalene

Concen: 29.712 ng/ul

RT: 13.498 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

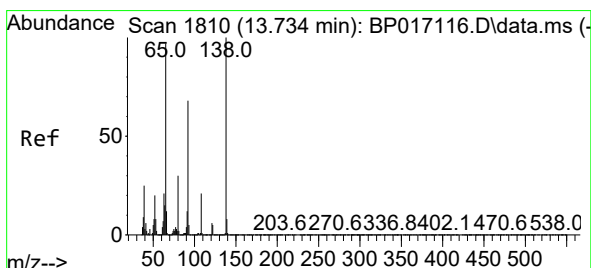
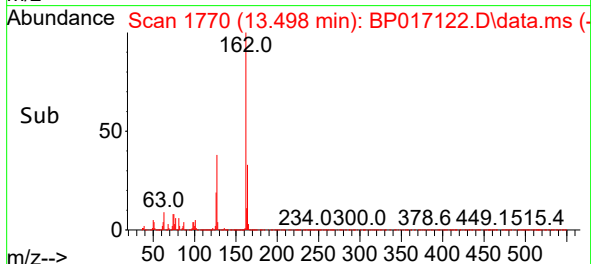
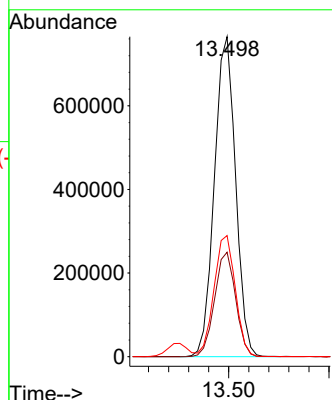
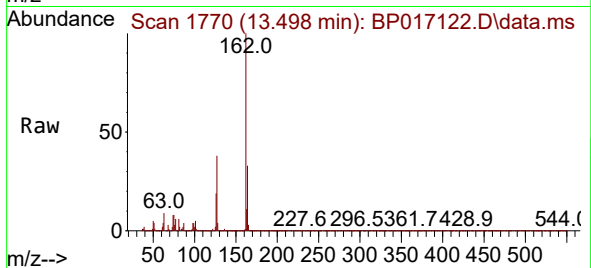
Tgt Ion:162 Resp: 1120785

Ion Ratio Lower Upper

162 100

164 32.6 26.6 39.8

127 37.8 31.0 46.4



#45

2-Nitroaniline

Concen: 31.597 ng/ul

RT: 13.734 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

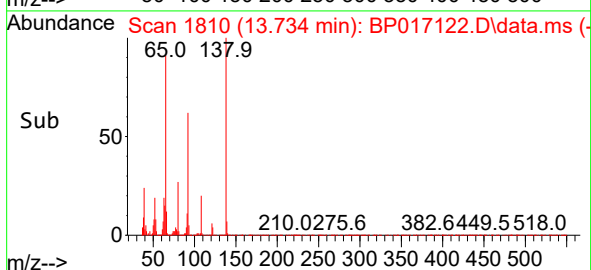
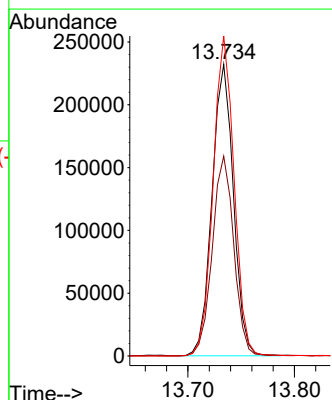
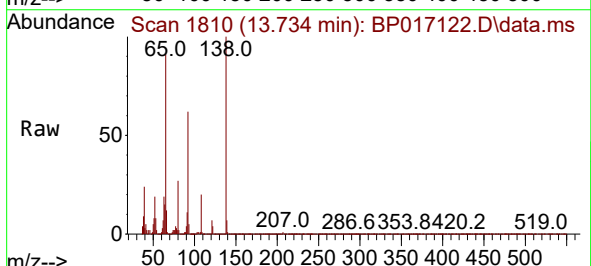
Tgt Ion: 65 Resp: 322844

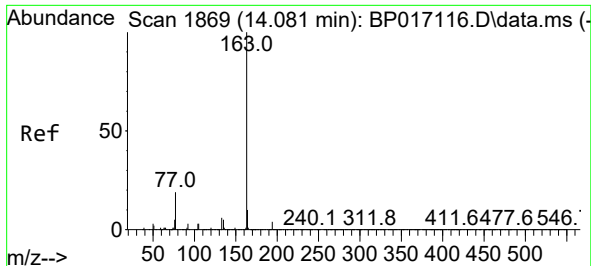
Ion Ratio Lower Upper

65 100

92 68.5 55.6 83.4

138 109.7 82.2 123.2

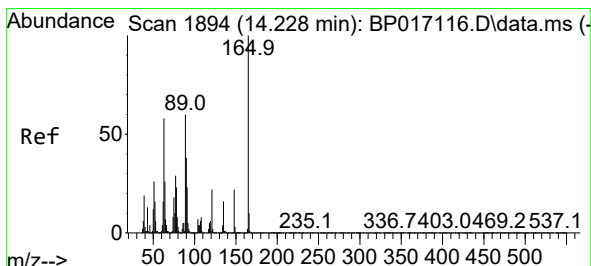
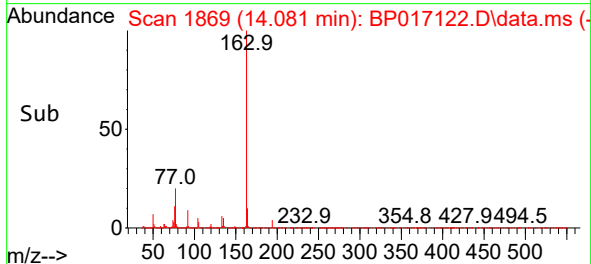
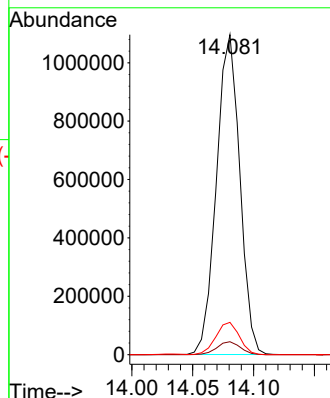
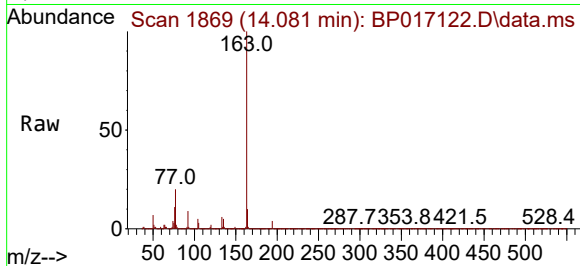




#47
Dimethylphthalate
Concen: 30.610 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

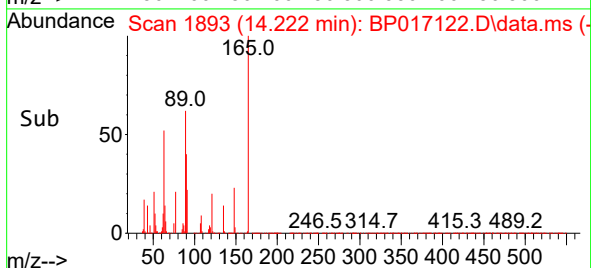
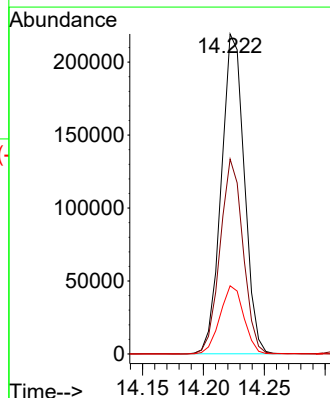
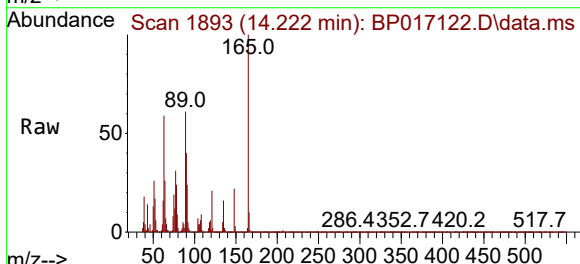
Instrument :
BNA_P
ClientSampleId :

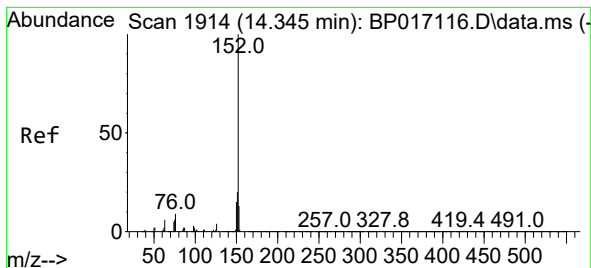
Tgt Ion:163 Resp: 1464769
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 32.970 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:165 Resp: 288441
Ion Ratio Lower Upper
165 100
89 60.9 47.8 71.8
121 21.3 17.4 26.2





#50

Acenaphthylene

Concen: 28.307 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

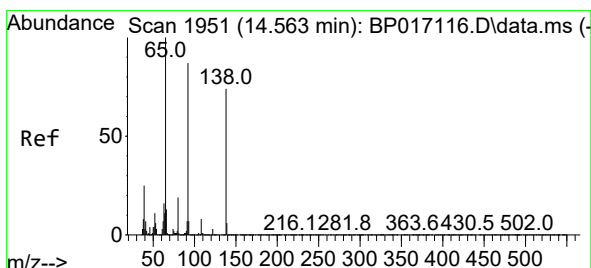
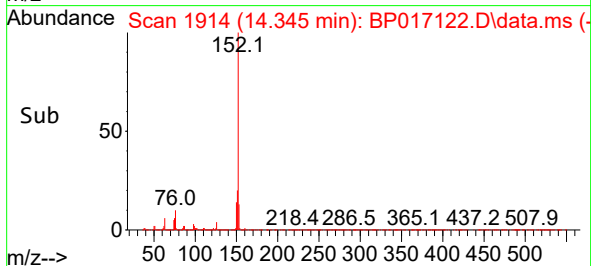
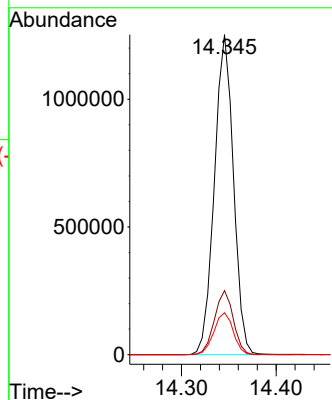
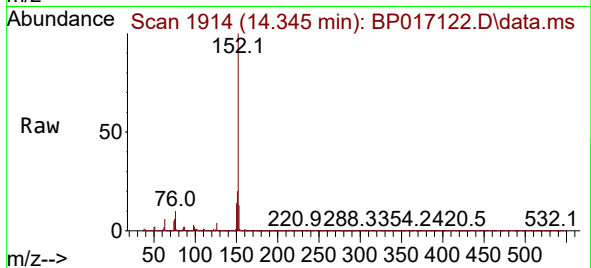
Tgt Ion:152 Resp: 1749150

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.1 10.6 15.8



#51

3-Nitroaniline

Concen: 32.538 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

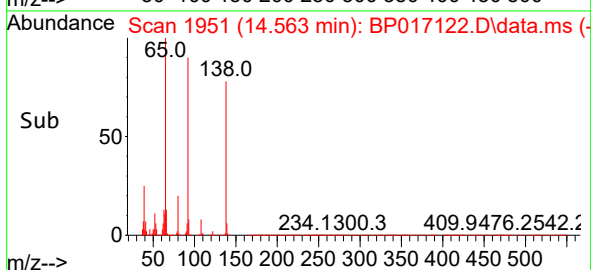
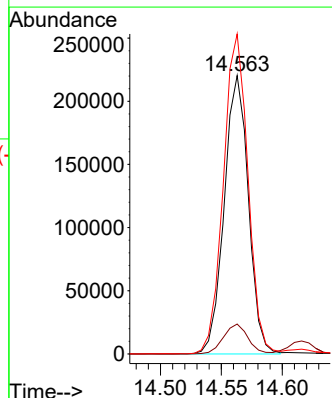
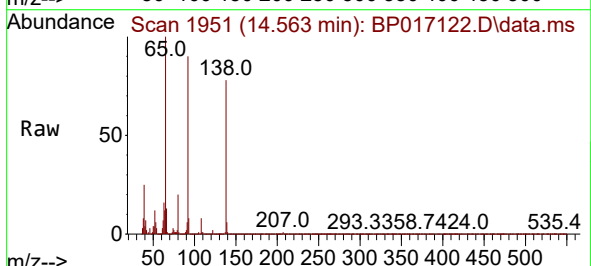
Tgt Ion:138 Resp: 304525

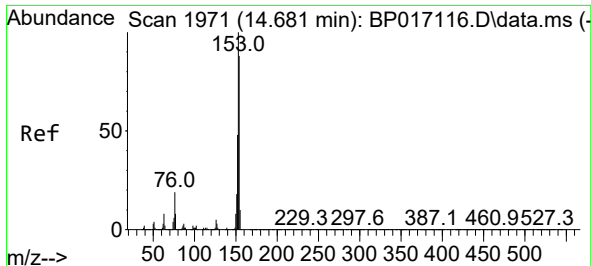
Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

92 115.0 94.2 141.4

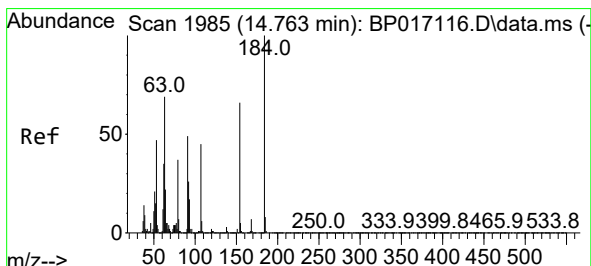
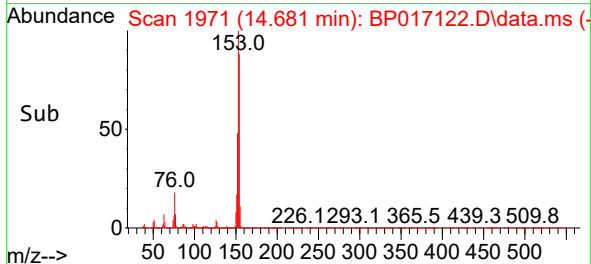
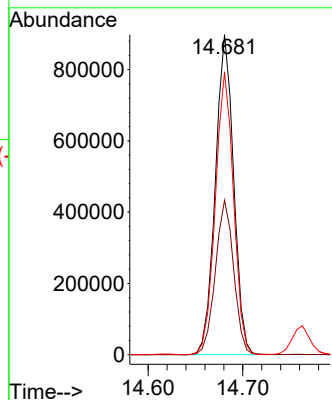
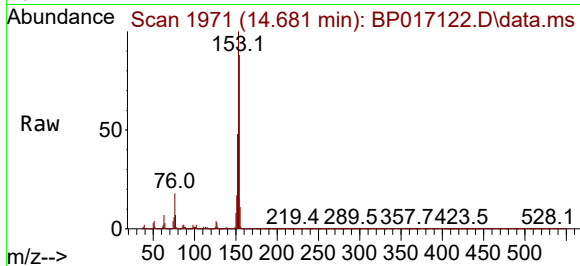




#52
Acenaphthene
Concen: 29.533 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

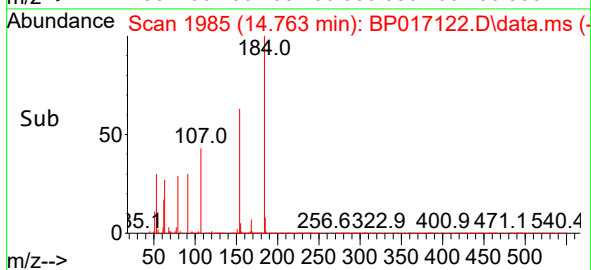
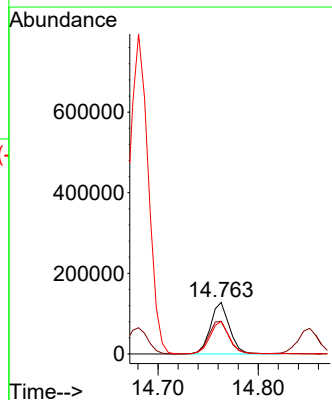
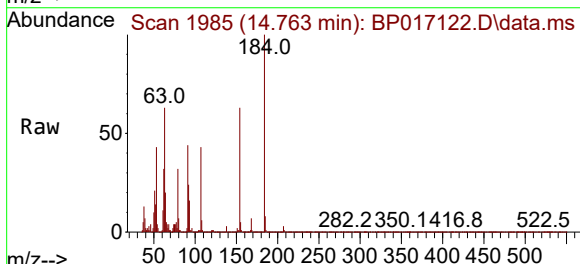
Instrument :
BNA_P
ClientSampleId :

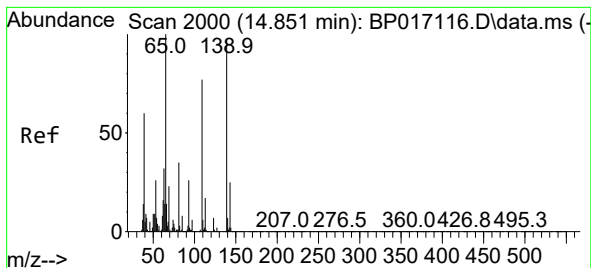
Tgt Ion:153 Resp: 1207613
Ion Ratio Lower Upper
153 100
152 48.2 38.6 57.8
154 88.4 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 27.598 ng/ul
RT: 14.763 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:184 Resp: 169115
Ion Ratio Lower Upper
184 100
63 63.2 55.2 82.8
154 63.4 53.0 79.4

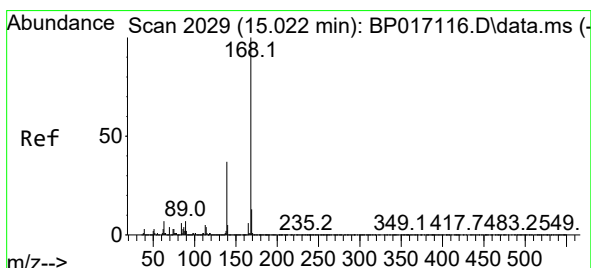
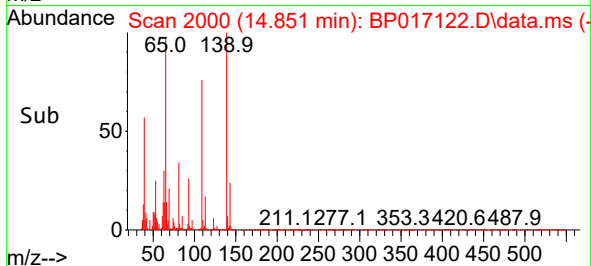
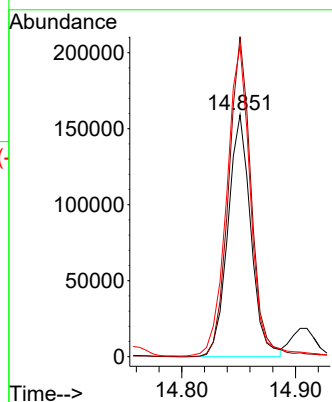
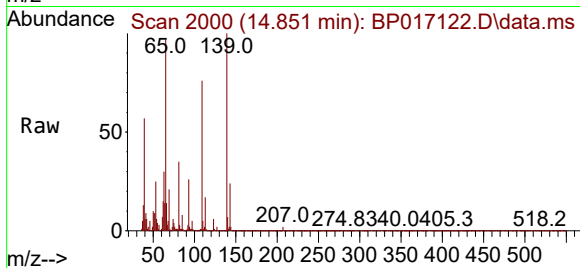




#55
4-Nitrophenol
Concen: 30.526 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

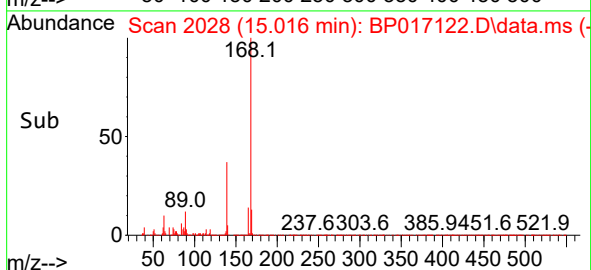
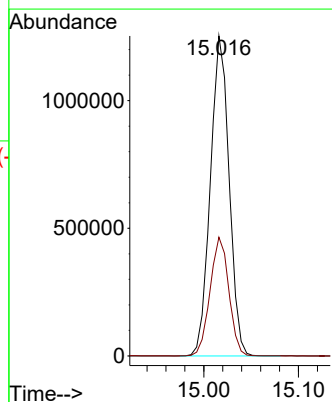
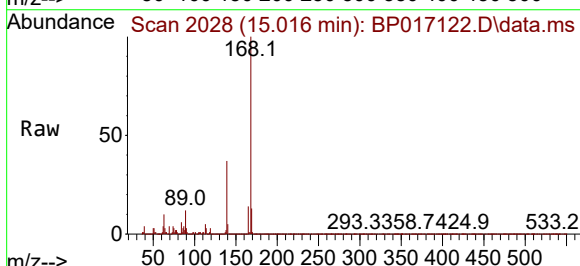
Instrument :
BNA_P
ClientSampleId :

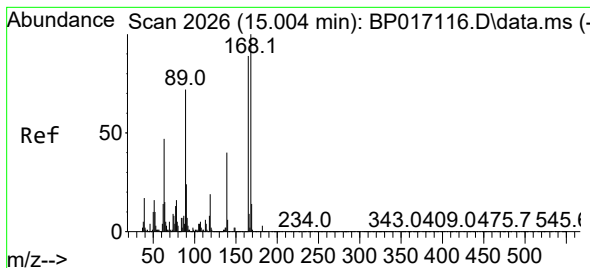
Tgt Ion:109 Resp: 222593
Ion Ratio Lower Upper
109 100
139 132.4 101.1 151.7
65 128.5 105.0 157.4



#56
Dibenzofuran
Concen: 30.427 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:168 Resp: 1719329
Ion Ratio Lower Upper
168 100
139 37.1 29.9 44.9

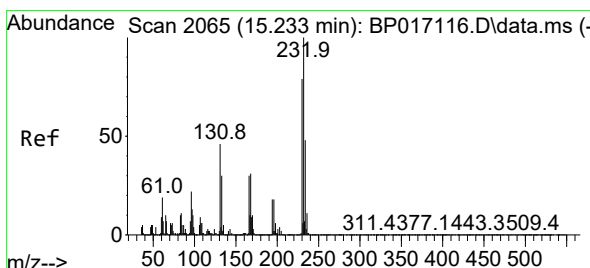
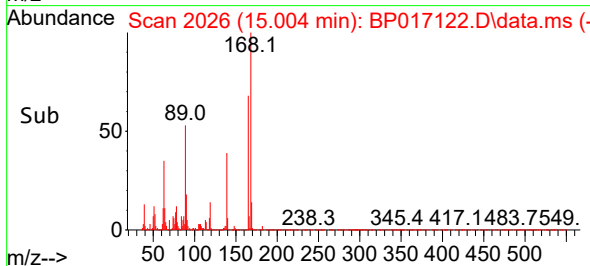
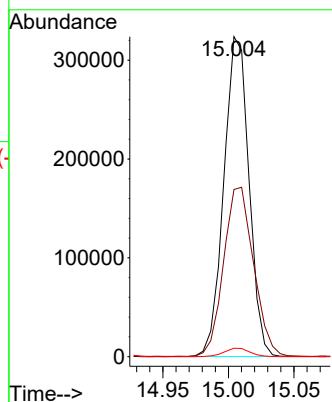
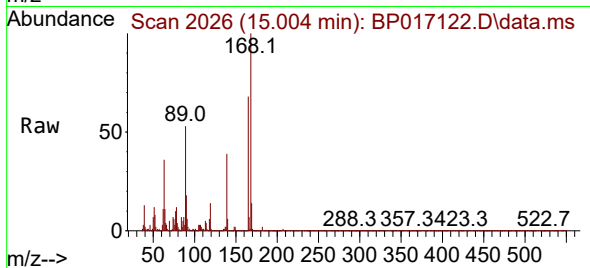




#57
2,4-Dinitrotoluene
Concen: 33.073 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

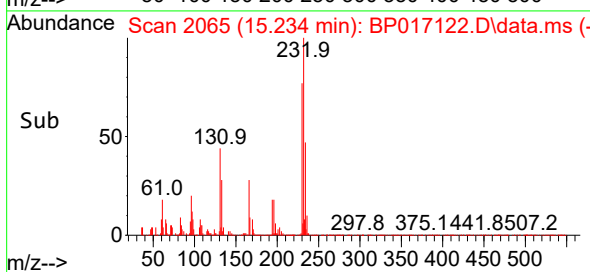
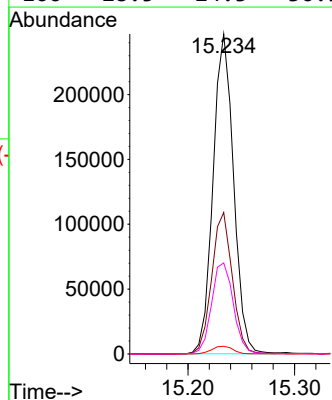
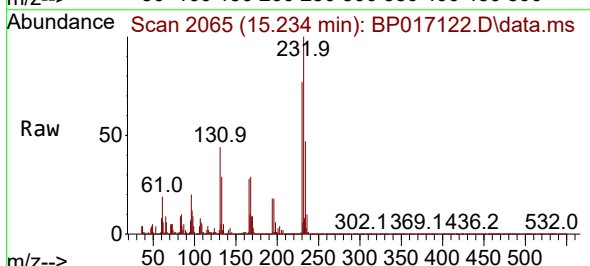
Instrument :
BNA_P
ClientSampleId :

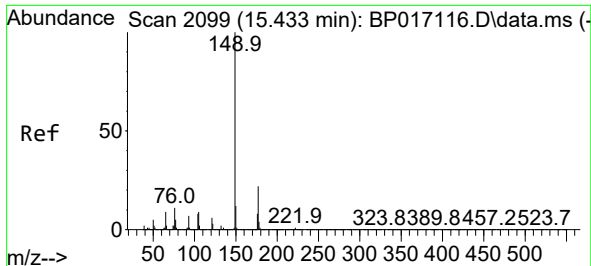
Tgt Ion:165 Resp: 430838
Ion Ratio Lower Upper
165 100
63 52.2 42.3 63.5
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.248 ng/ul
RT: 15.234 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

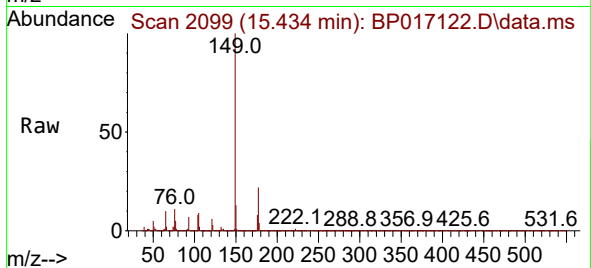
Tgt Ion:232 Resp: 330209
Ion Ratio Lower Upper
232 100
131 44.2 37.0 55.6
130 2.4 1.8 2.8
166 28.5 24.3 36.5



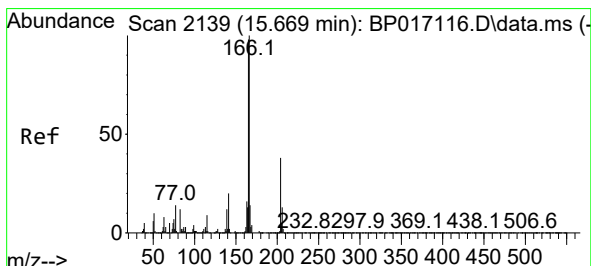
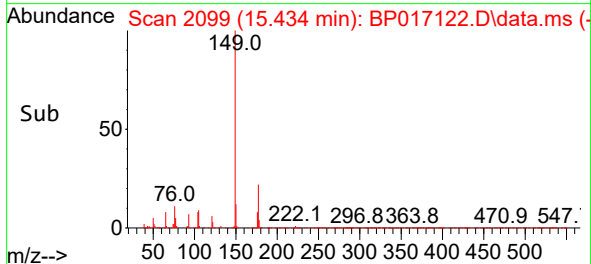
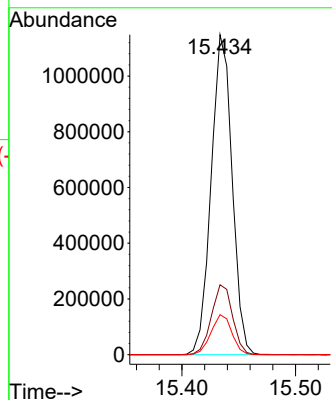


#59
Diethylphthalate
Concen: 31.178 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Instrument :
BNA_P
ClientSampleId :

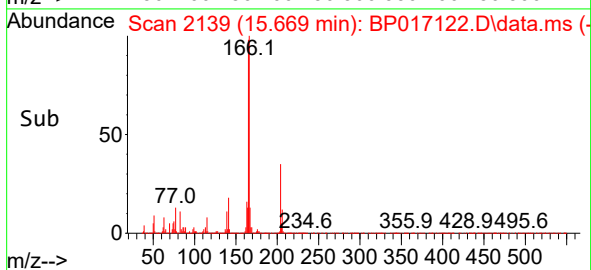
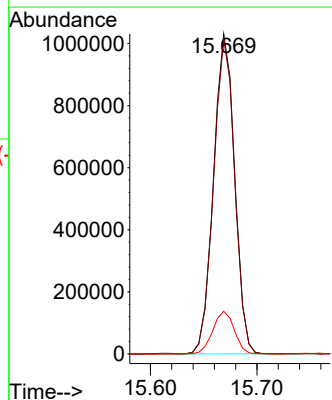
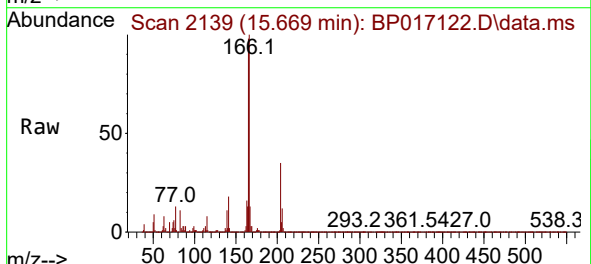


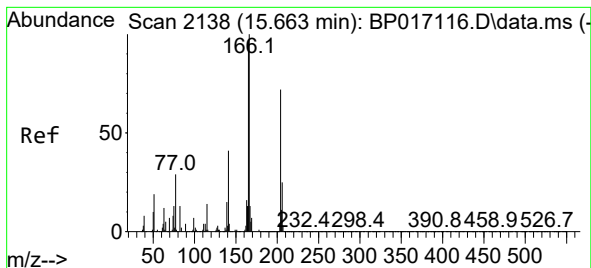
Tgt Ion:149 Resp: 1473015
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.5 10.0 15.0



#61
Fluorene
Concen: 30.335 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:166 Resp: 1417166
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 13.4 11.0 16.4

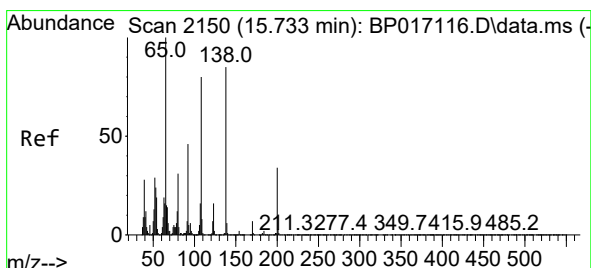
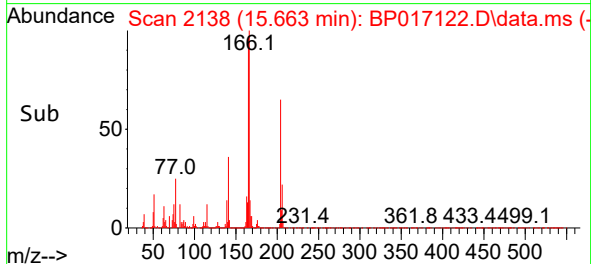
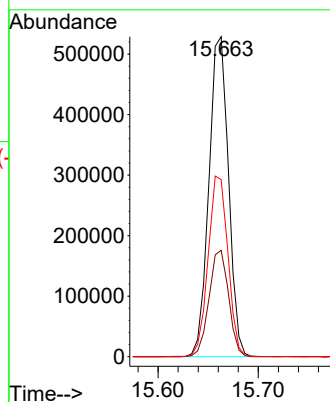
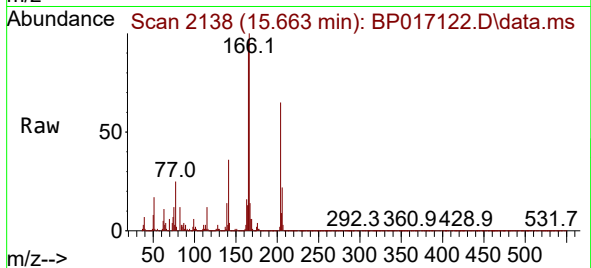




#62
4-Chlorophenyl-phenylether
Concen: 30.280 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

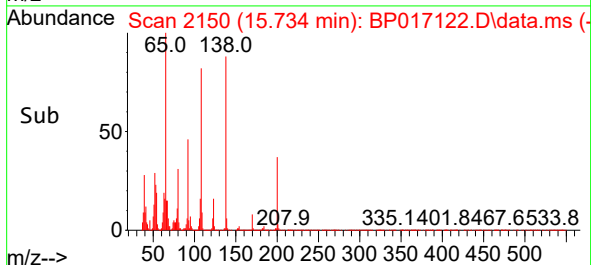
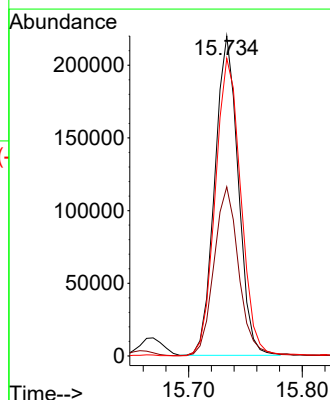
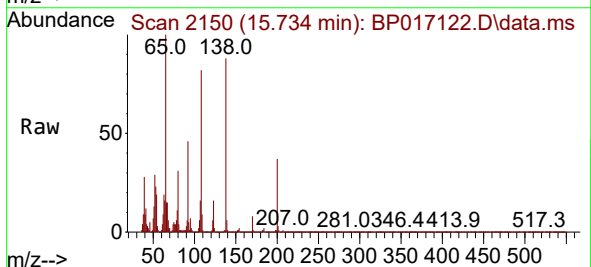
Instrument :
BNA_P
ClientSampleId :

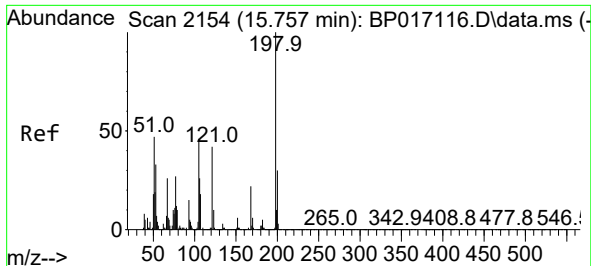
Tgt Ion:204 Resp: 719217
Ion Ratio Lower Upper
204 100
206 33.3 27.3 40.9
141 55.3 45.0 67.6



#63
4-Nitroaniline
Concen: 36.244 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:138 Resp: 315353
Ion Ratio Lower Upper
138 100
92 52.8 43.3 64.9
108 93.0 75.3 112.9

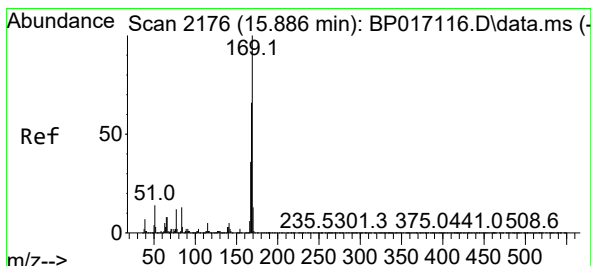
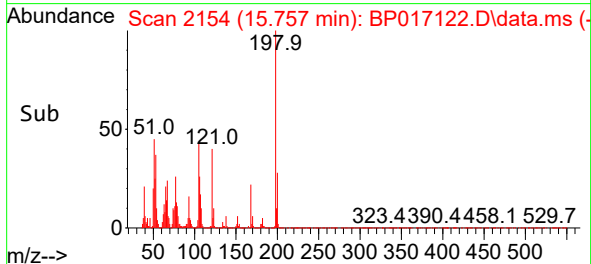
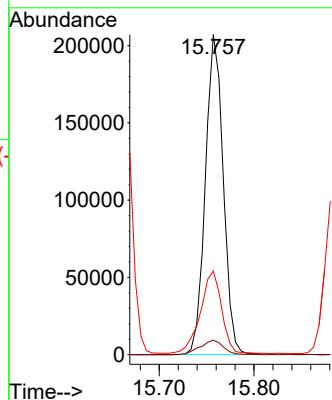
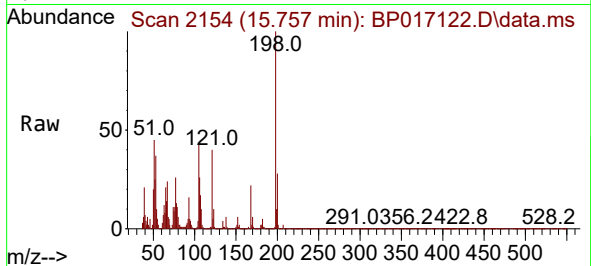




#66
4,6-Dinitro-2-methylphenol
Concen: 29.589 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

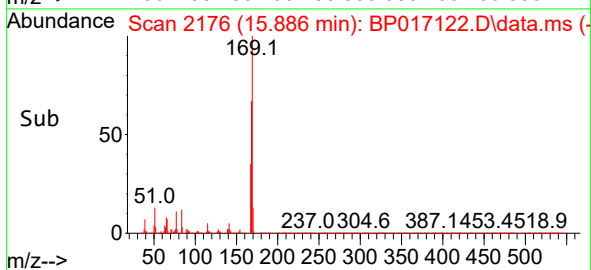
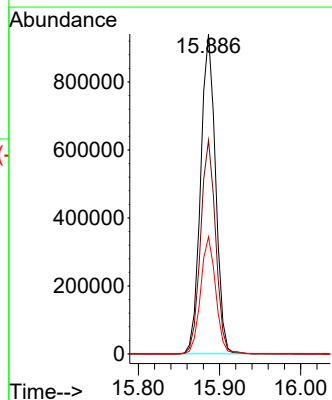
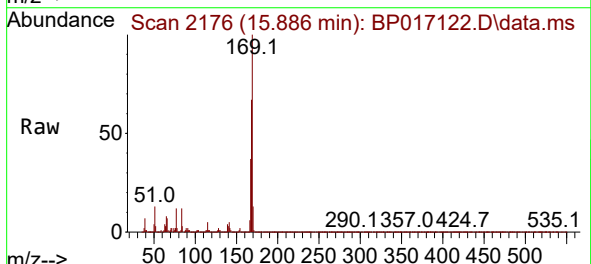
Instrument :
BNA_P
ClientSampleId :

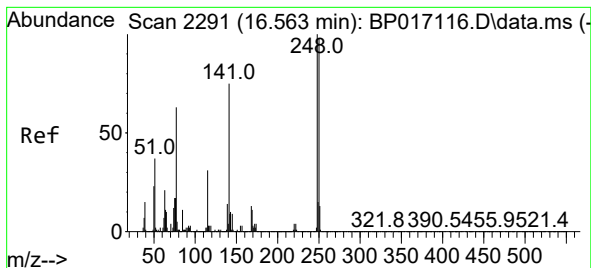
Tgt Ion:198 Resp: 271371
Ion Ratio Lower Upper
198 100
182 4.5 4.2 6.2
77 26.1 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 30.201 ng/ul
RT: 15.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:169 Resp: 1201147
Ion Ratio Lower Upper
169 100
168 66.8 52.7 79.1
167 36.6 29.0 43.4

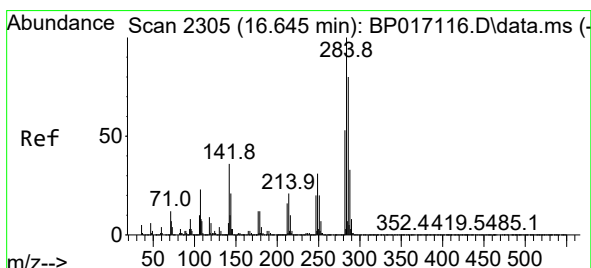
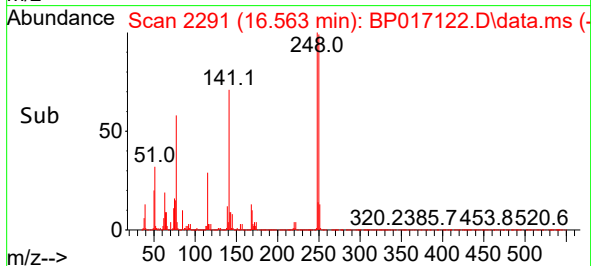
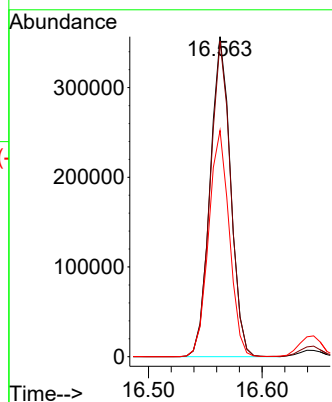
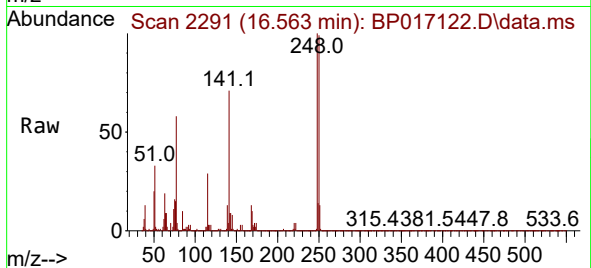




#68
4-Bromophenyl-phenylether
Concen: 30.619 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

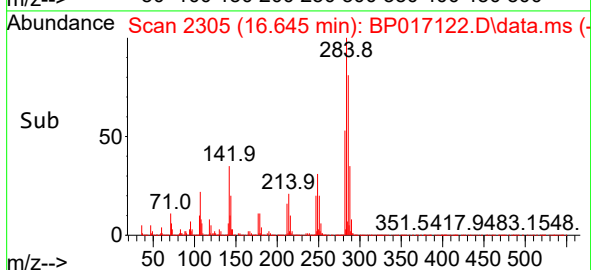
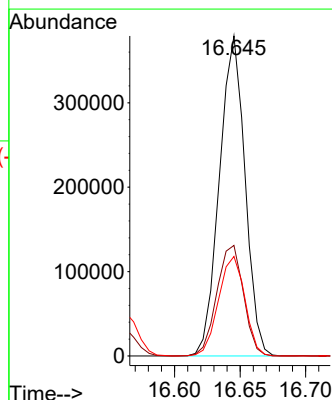
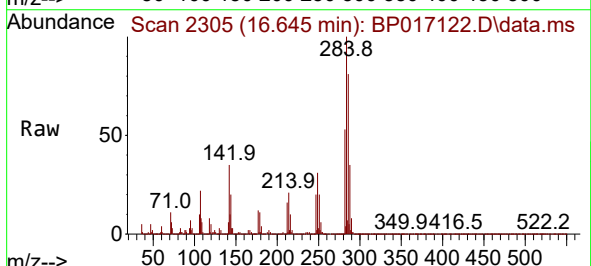
Instrument :
BNA_P
ClientSampleId :

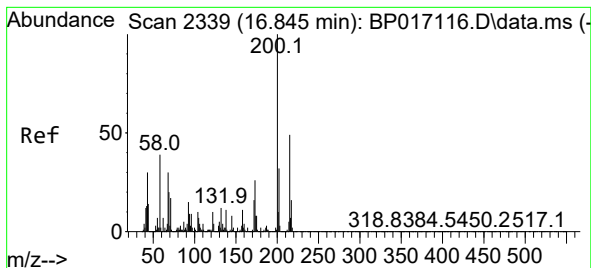
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.6	118.0
141	70.7	60.4	90.6



#69
Hexachlorobenzene
Concen: 29.865 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.6	42.8
249	31.1	25.0	37.6





#70

Atrazine

Concen: 10.828 ng/ul

RT: 16.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

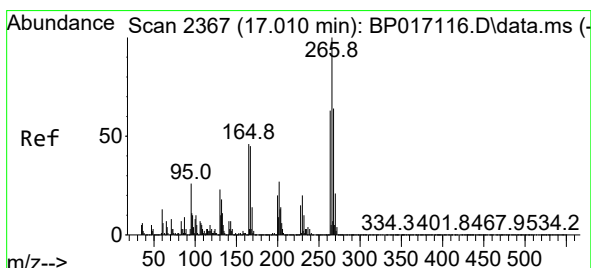
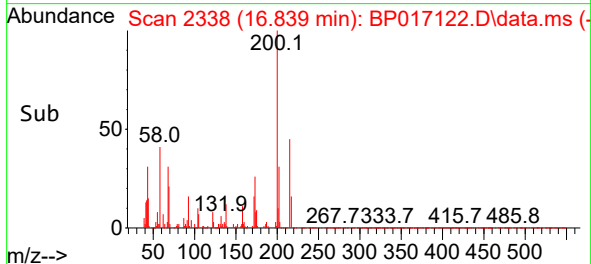
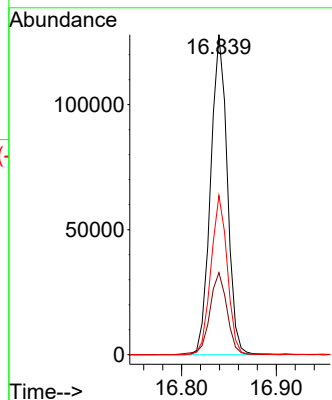
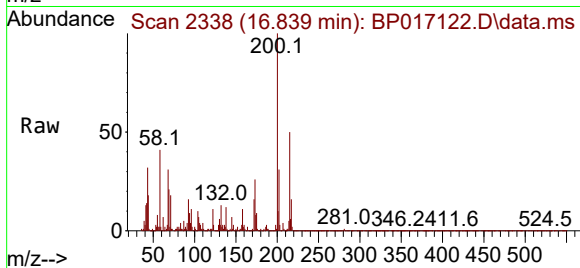
Tgt Ion:200 Resp: 155887

Ion Ratio Lower Upper

200 100

173 25.6 20.7 31.1

215 49.7 38.8 58.2



#71

Pentachlorophenol

Concen: 24.129 ng/ul

RT: 17.010 min Scan# 2367

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

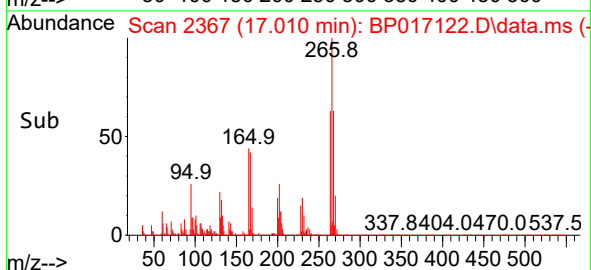
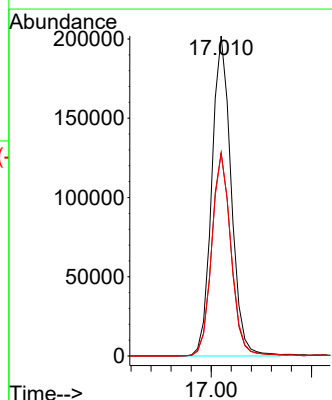
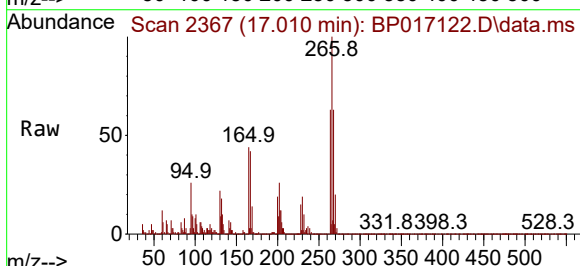
Tgt Ion:266 Resp: 270626

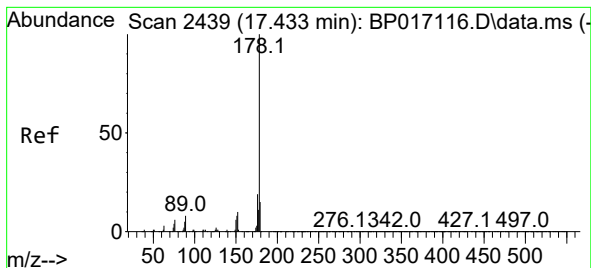
Ion Ratio Lower Upper

266 100

264 63.5 50.7 76.1

268 63.3 51.1 76.7





#72

Phenanthrene

Concen: 30.722 ng/ul

RT: 17.428 min Scan# 2438

Delta R.T. -0.006 min

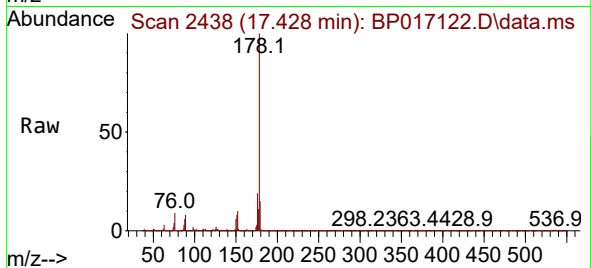
Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :



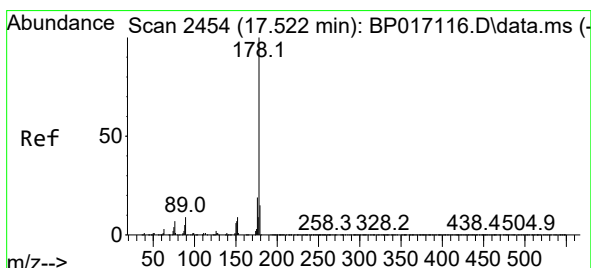
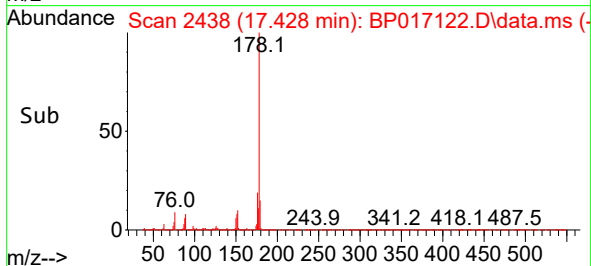
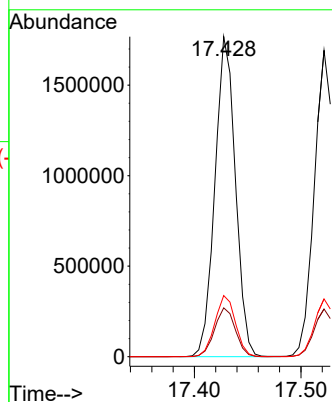
Tgt Ion:178 Resp: 2361495

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.1 15.6 23.4



#74

Anthracene

Concen: 29.078 ng/ul

RT: 17.522 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

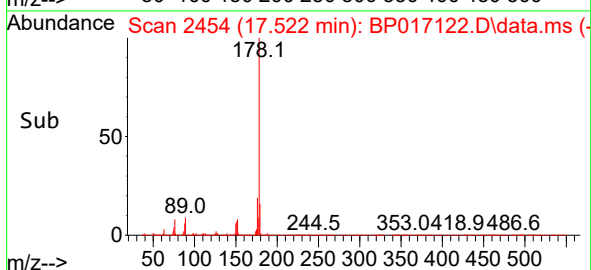
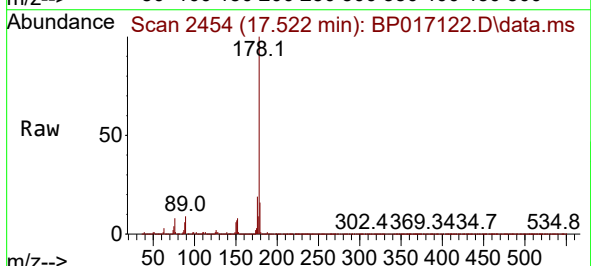
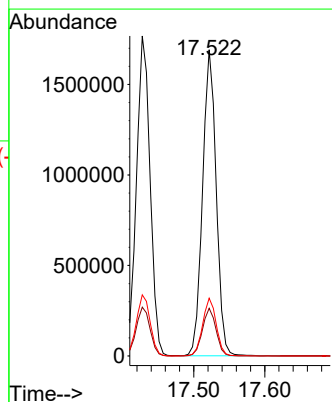
Tgt Ion:178 Resp: 2263820

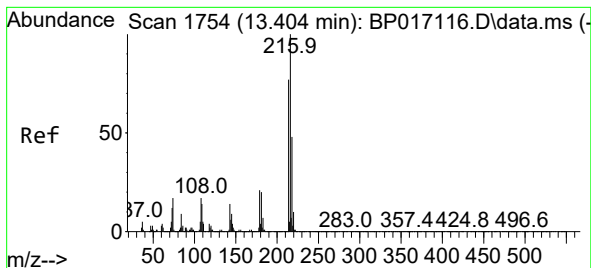
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.9 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.729 ng/uL

RT: 13.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017122.D

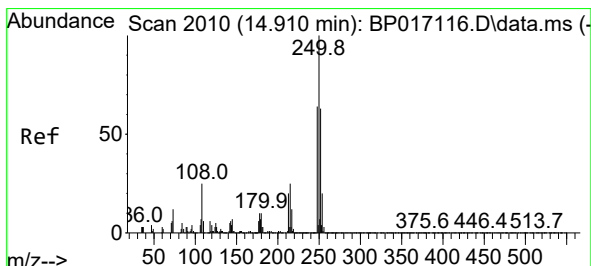
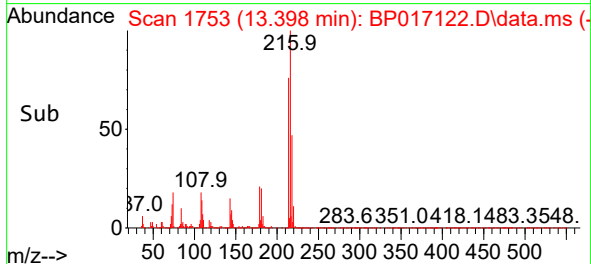
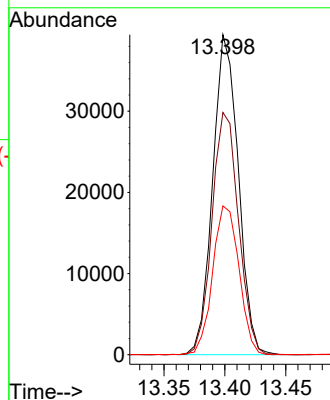
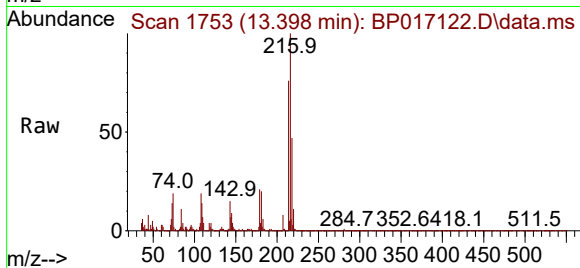
Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	216	Resp:	57725
Ion Ratio	Lower	Upper	
216	100		
214	75.7	61.3	91.9
218	46.5	38.3	57.5



#76

Pentachlorobenzene

Concen: 31.289 ng/uL

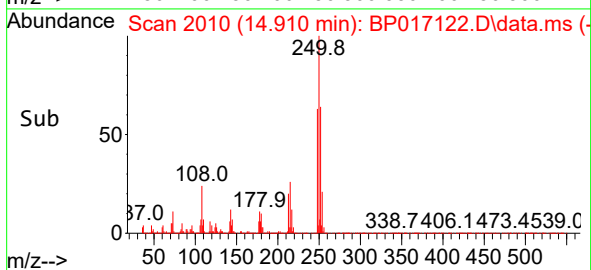
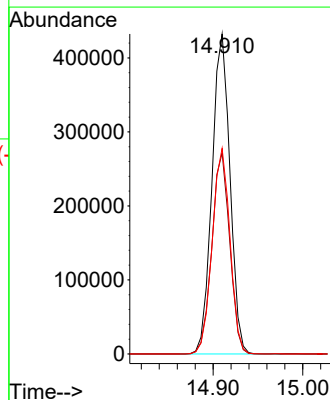
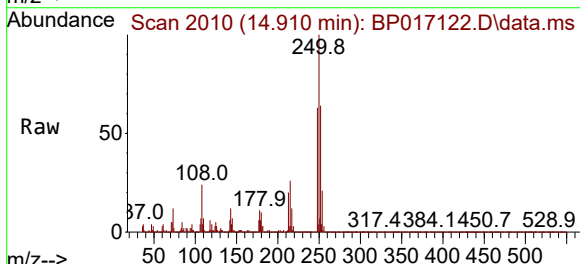
RT: 14.910 min Scan# 2010

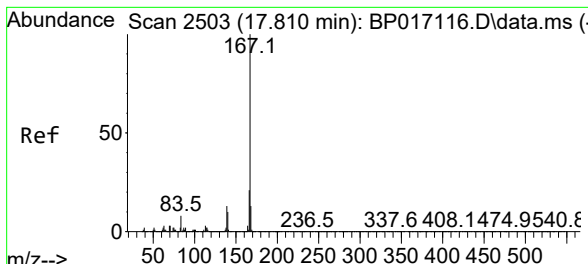
Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Tgt Ion:	250	Resp:	600435
Ion Ratio	Lower	Upper	
250	100		
248	62.8	51.1	76.7
252	64.2	50.7	76.1



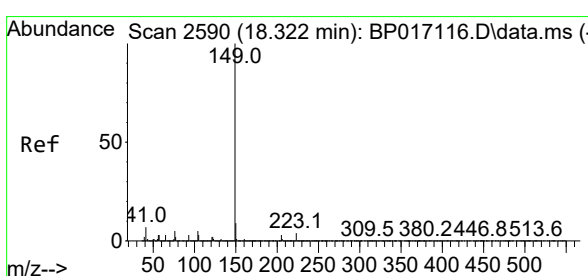
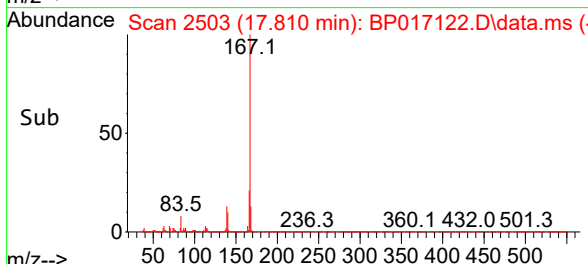
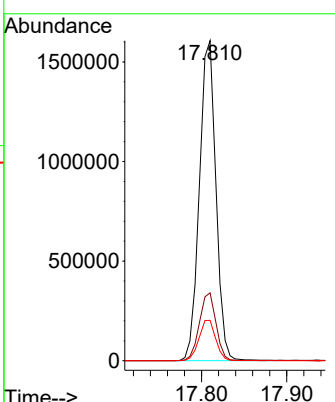
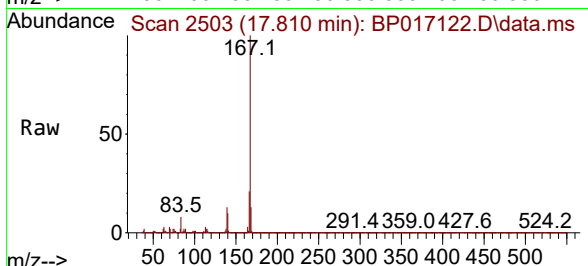


#77
 Carbazole
 Concen: 31.629 ng/ul
 RT: 17.810 min Scan# 2162
 Delta R.T. 0.000 min
 Lab File: BP017122.D
 Acq: 12 Sep 2023 18:24

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:167 Resp: 2162224

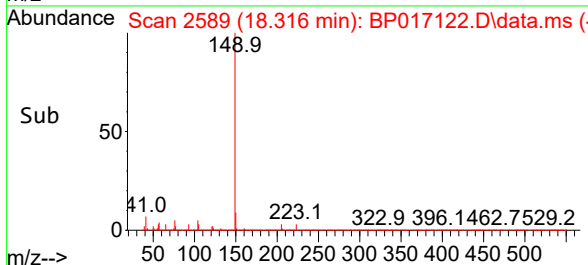
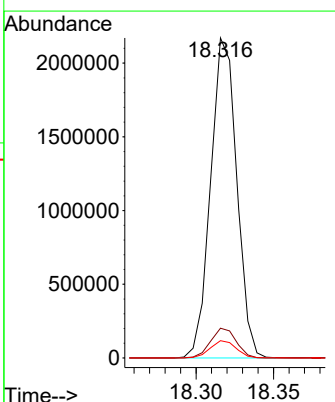
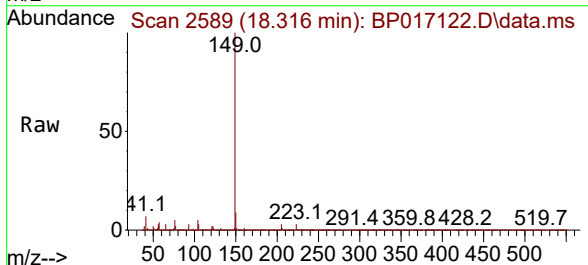
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.6	10.4	15.6

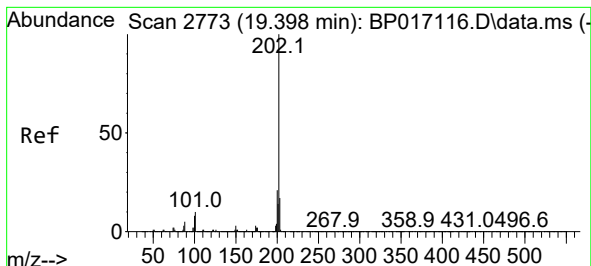


#78
 Di-n-butylphthalate
 Concen: 32.645 ng/ul
 RT: 18.316 min Scan# 2589
 Delta R.T. -0.006 min
 Lab File: BP017122.D
 Acq: 12 Sep 2023 18:24

Tgt Ion:149 Resp: 2543002

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.4	4.2	6.4





#80

Fluoranthene

Concen: 30.639 ng/ul

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

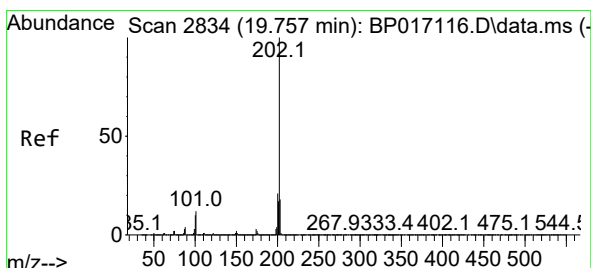
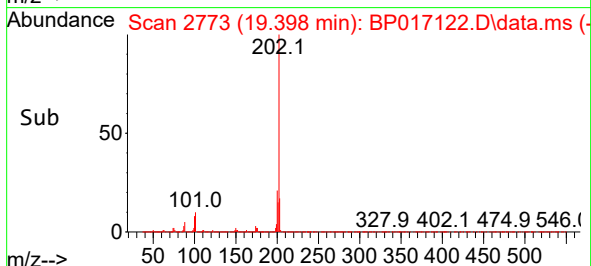
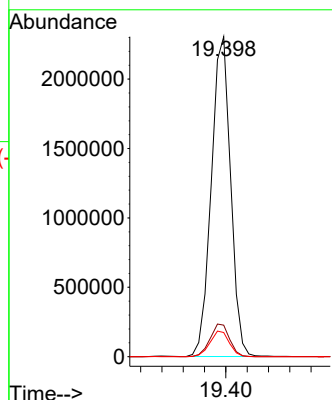
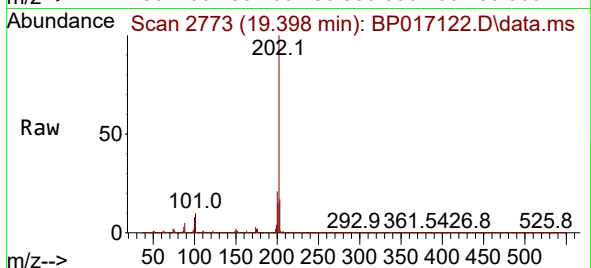
Tgt Ion:202 Resp: 2903890

Ion Ratio Lower Upper

202 100

101 9.9 8.3 12.5

100 7.6 6.4 9.6



#82

Pyrene

Concen: 30.357 ng/ul

RT: 19.751 min Scan# 2833

Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

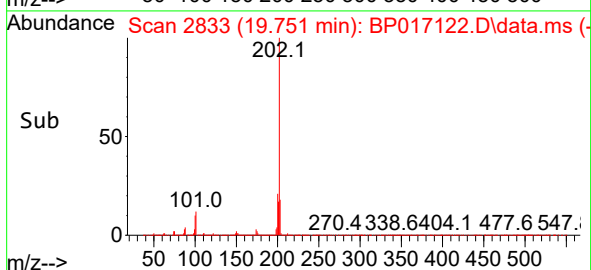
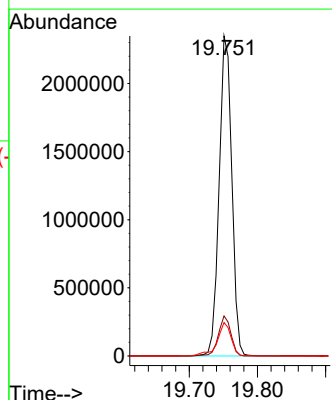
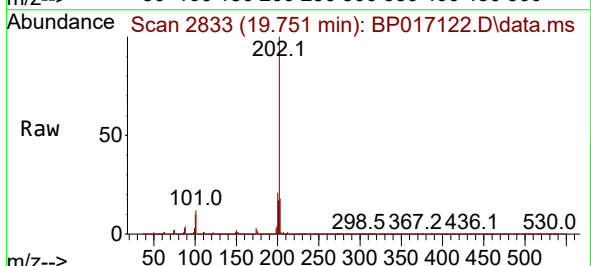
Tgt Ion:202 Resp: 3040077

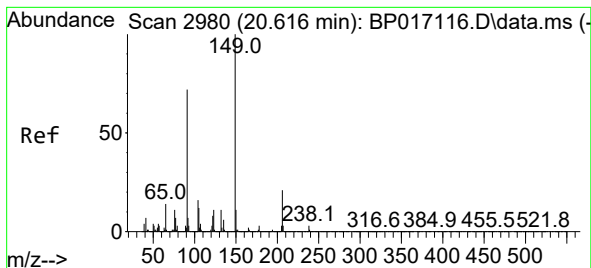
Ion Ratio Lower Upper

202 100

101 12.5 9.7 14.5

100 10.5 7.8 11.8





#83

Butylbenzylphthalate

Concen: 33.534 ng/ul

RT: 20.610 min Scan# 2980

Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

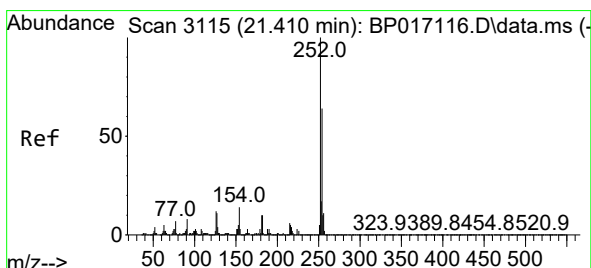
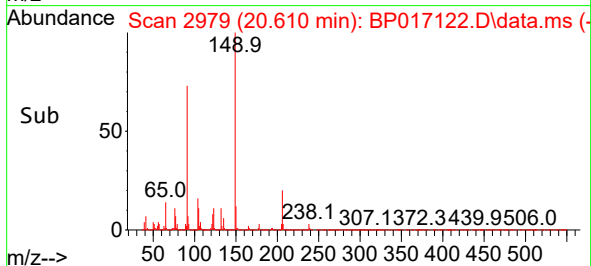
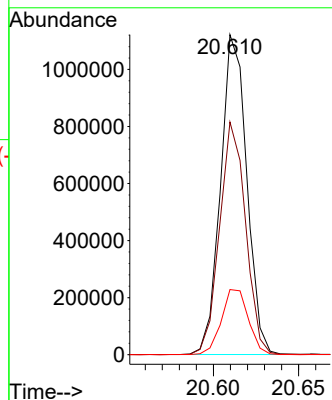
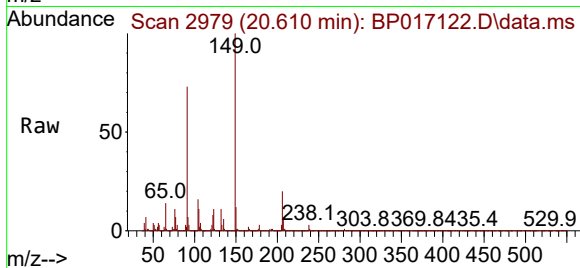
Tgt Ion:149 Resp: 1197708

Ion Ratio Lower Upper

149 100

91 72.7 57.4 86.0

206 20.4 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 31.650 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

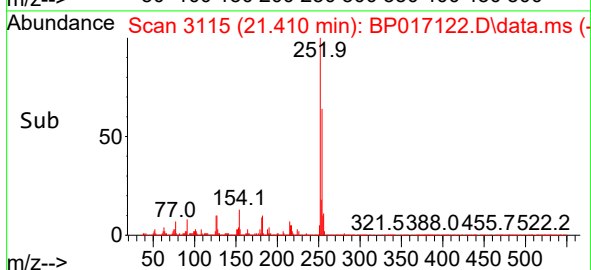
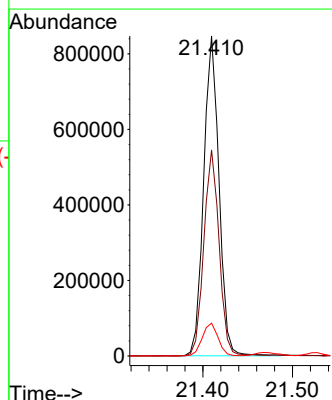
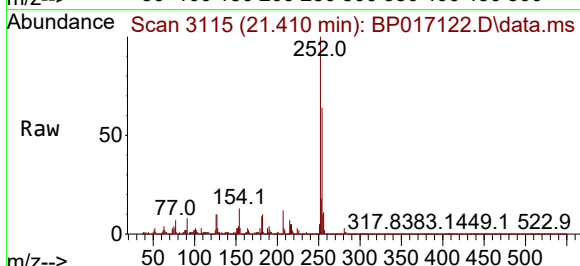
Tgt Ion:252 Resp: 1003256

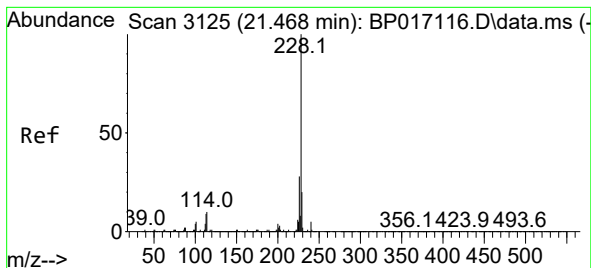
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

126 10.3 9.4 14.2





#85

Benzo(a)anthracene

Concen: 30.475 ng/ul

RT: 21.469 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

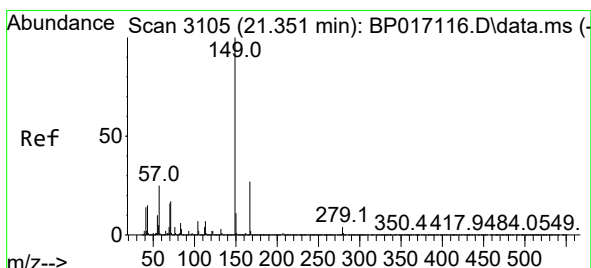
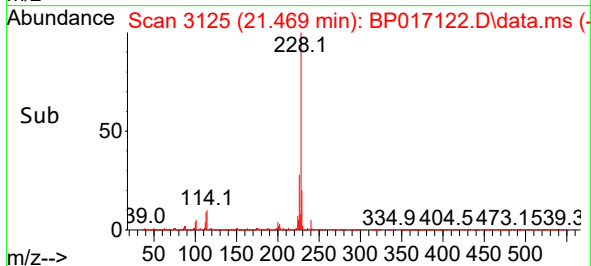
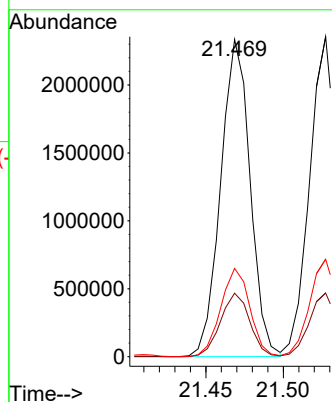
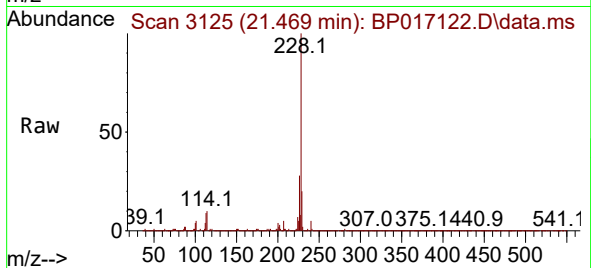
Tgt Ion:228 Resp: 3085108

Ion Ratio Lower Upper

228 100

229 20.0 16.1 24.1

226 27.8 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.449 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

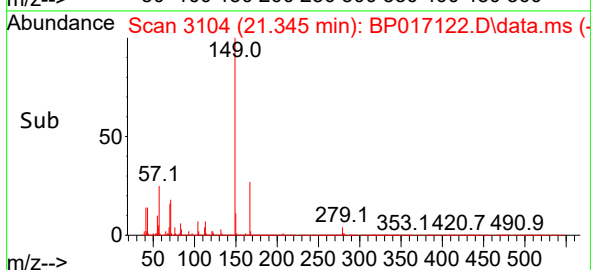
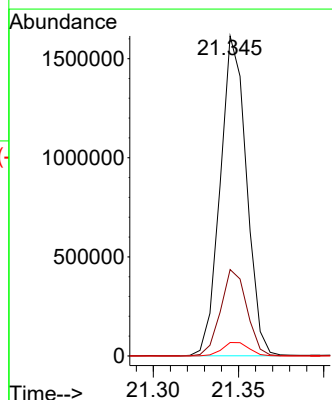
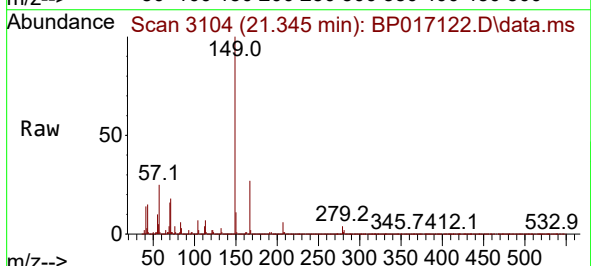
Tgt Ion:149 Resp: 1727186

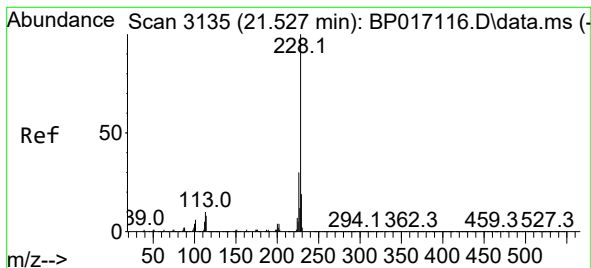
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 4.2 3.4 5.2





#87

Chrysene

Concen: 31.254 ng/ul

RT: 21.527 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :

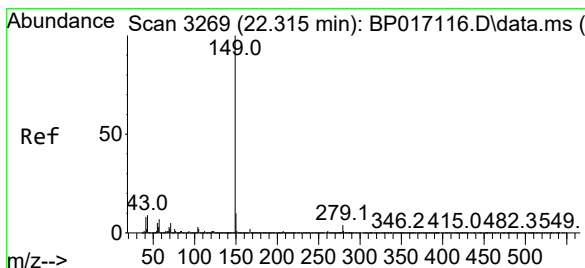
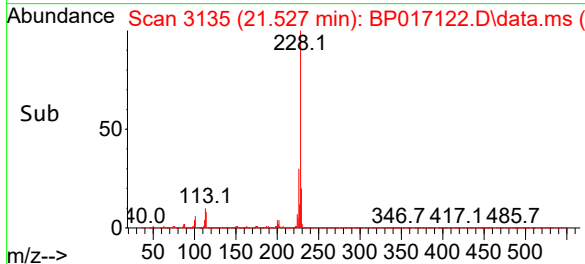
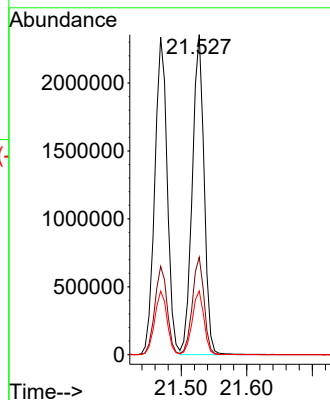
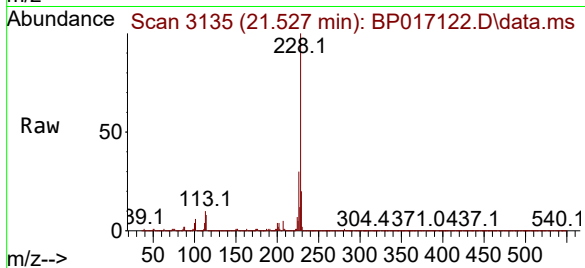
Tgt Ion:228 Resp: 2943137

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.9 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 33.067 ng/ul

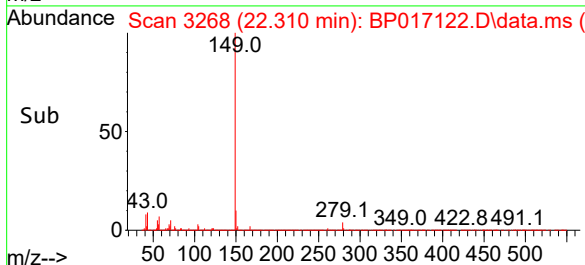
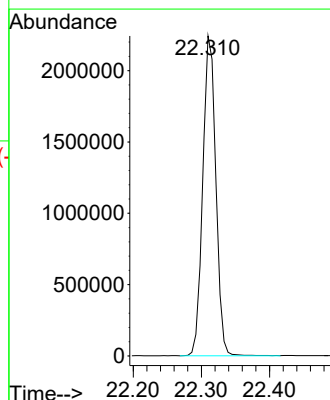
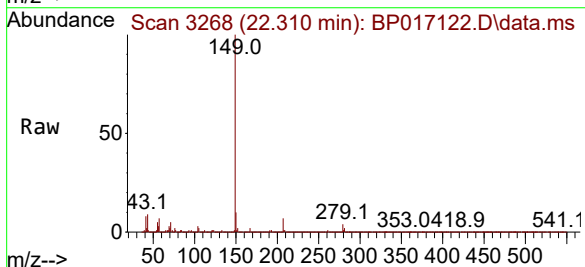
RT: 22.310 min Scan# 3268

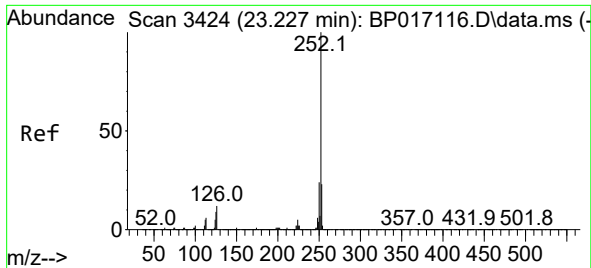
Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Tgt Ion:149 Resp: 2985861

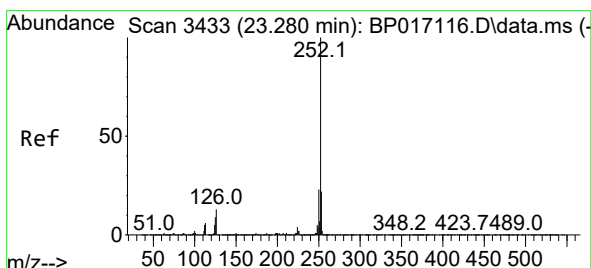
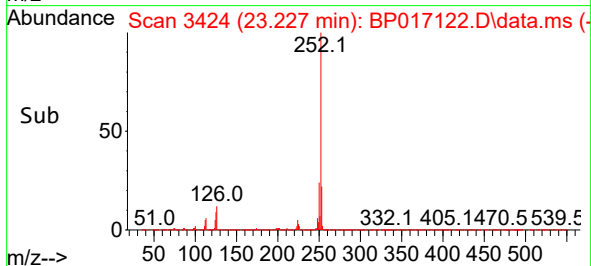
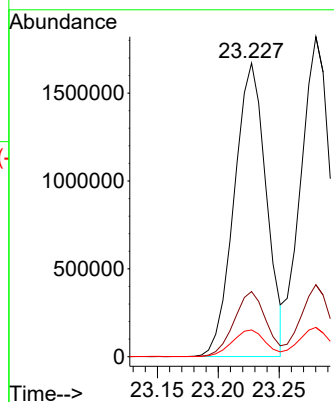
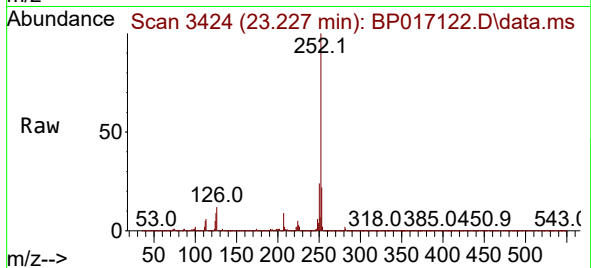




#90
Benzo(b)fluoranthene
Concen: 31.879 ng/ul
RT: 23.227 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

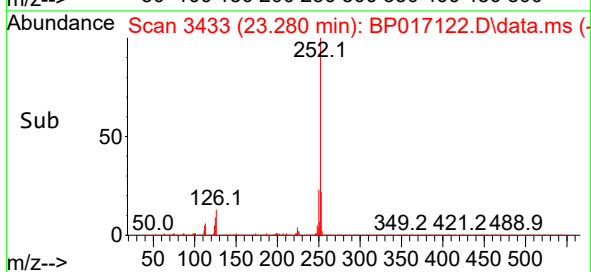
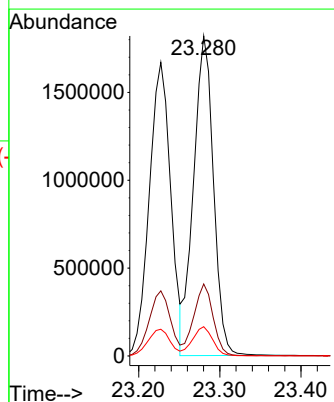
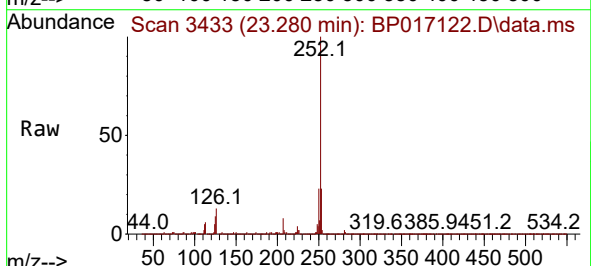
Instrument :
BNA_P
ClientSampleId :

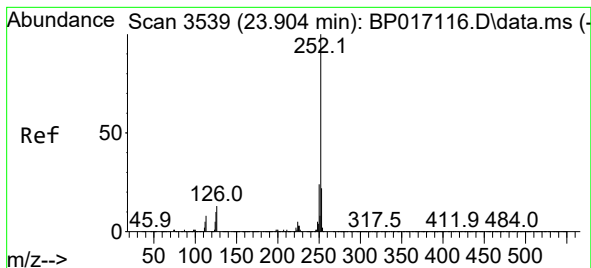
Tgt Ion:252 Resp: 3060022
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.1 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 32.486 ng/ul
RT: 23.280 min Scan# 3433
Delta R.T. 0.000 min
Lab File: BP017122.D
Acq: 12 Sep 2023 18:24

Tgt Ion:252 Resp: 3100029
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.2 7.4 11.2





#93

Benzo(a)pyrene

Concen: 30.481 ng/ul

RT: 23.904 min Scan# 3

Delta R.T. 0.000 min

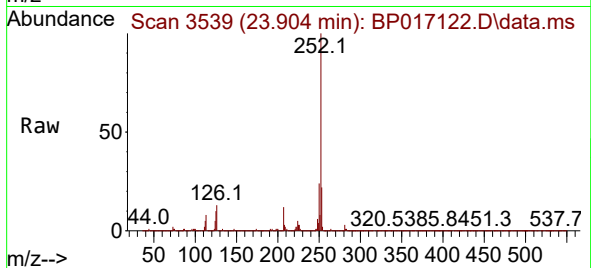
Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :



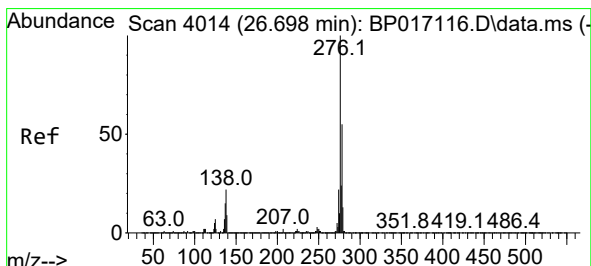
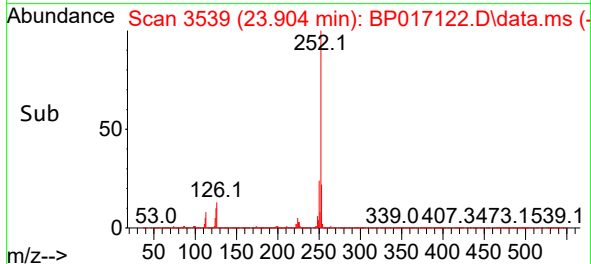
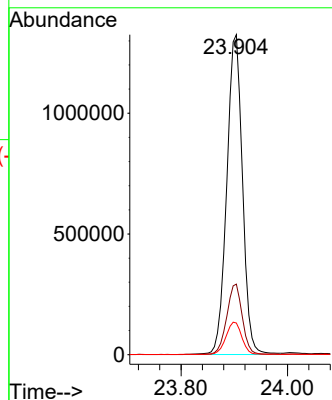
Tgt Ion:252 Resp: 2714498

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.9 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.741 ng/ul

RT: 26.692 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

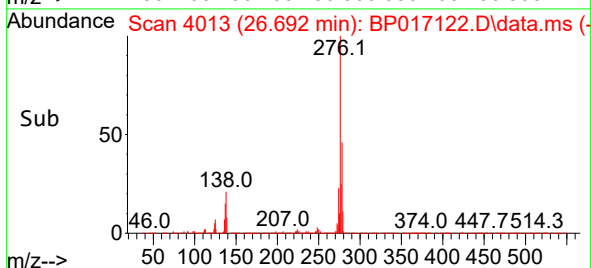
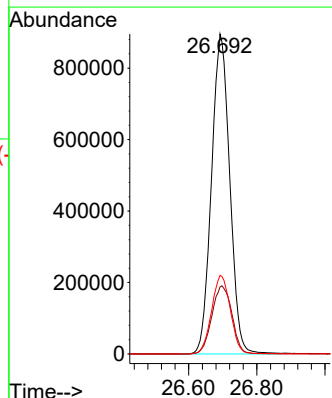
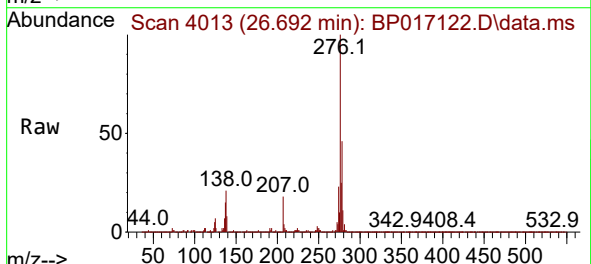
Tgt Ion:276 Resp: 3327312

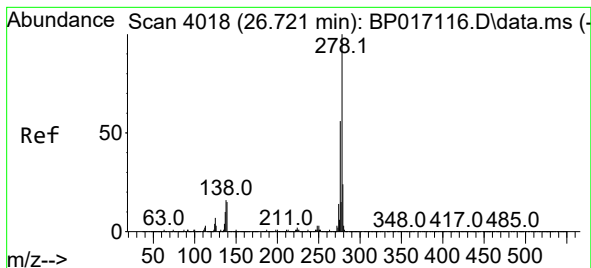
Ion Ratio Lower Upper

276 100

138 21.0 17.5 26.3

277 24.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 34.038 ng/ul

RT: 26.715 min Scan# 4018

Delta R.T. -0.006 min

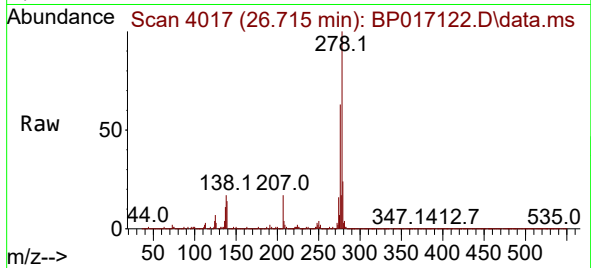
Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Instrument :

BNA_P

ClientSampleId :



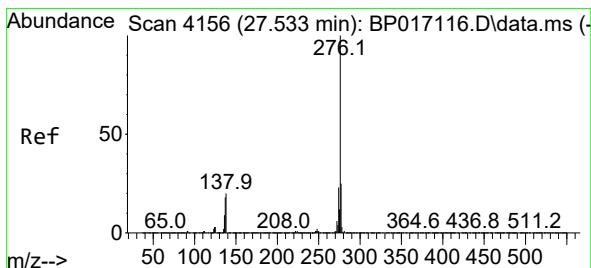
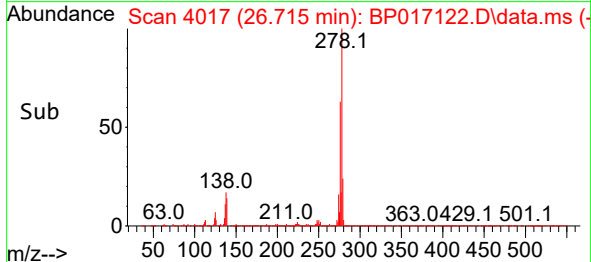
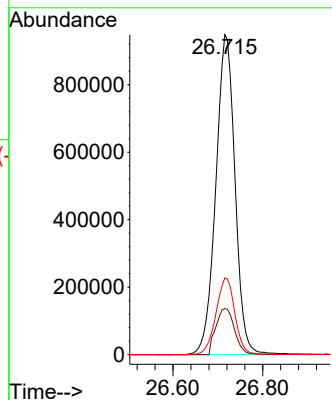
Tgt Ion:278 Resp: 2819683

Ion Ratio Lower Upper

278 100

139 14.4 11.9 17.9

279 24.0 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 34.500 ng/ul

RT: 27.533 min Scan# 4156

Delta R.T. 0.000 min

Lab File: BP017122.D

Acq: 12 Sep 2023 18:24

Tgt Ion:276 Resp: 2630801

Ion Ratio Lower Upper

276 100

138 20.0 16.2 24.4

277 23.4 19.6 29.4

