

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
 Data File : BP017106.D
 Acq On : 11 Sep 2023 15:57
 Operator : MA/JU
 Sample : PB155068BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS068

Quant Time: Sep 12 02:28:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 06:13:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	221928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	1069025	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	683748	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1481652	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1371277	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1413108	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	32346	5.563	ng/uL	0.00
4) Pyridine-d5	3.752	84	486669	27.756	ng/u1	0.00
7) Phenol-d5	7.110	99	647979	32.121	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	420345	31.068	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	455844	31.264	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	498072	31.211	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	228661	30.044	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	246326	31.359	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	454875	30.539	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	651585	27.281	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	1458488	29.978	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	1640858	29.619	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	297951	29.684	ng/u1	0.00
60) Fluorene-d10	15.616	176	1238456	29.997	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	238515	28.526	ng/u1	0.00
73) Anthracene-d10	17.492	188	1855837	29.222	ng/u1	0.00
81) Pyrene-d10	19.727	212	2186426	30.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	2052262	30.252	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	72049	11.416	ng/uL	100
5) Pyridine	3.769	79	511265	27.760	ng/u1	98
6) Benzaldehyde	7.116	77	376426	31.715	ng/u1	98
8) Phenol	7.134	94	691452	32.253	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.393	93	533138	31.183	ng/u1	99
12) 2-Chlorophenol	7.510	128	487434	32.263	ng/u1	98
13) 2-Methylphenol	8.399	108	480810	31.273	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	445783	16.647	ng/u1	99
16) Acetophenone	8.810	105	830712	32.409	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.781	70	460917	33.610	ng/u1	99
18) 4-Methylphenol	8.734	108	548992	32.669	ng/u1	97
19) Hexachloroethane	9.028	117	196049	30.794	ng/u1	99
22) Nitrobenzene	9.199	77	671775	30.793	ng/u1	98
23) Isophorone	9.716	82	1233453	31.127	ng/u1	99
25) 2-Nitrophenol	9.904	139	282451	32.005	ng/u1	98
26) 2,4-Dimethylphenol	9.946	107	455585	24.168	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.204	93	757289	30.476	ng/u1	98
29) 2,4-Dichlorophenol	10.422	162	472487	30.882	ng/u1	97
30) Naphthalene	10.840	128	1653690	30.025	ng/u1	99
32) 4-Chloroaniline	10.969	127	612898	25.840	ng/u1	99
33) Hexachlorobutadiene	11.063	225	241318	28.322	ng/u1	98
34) Caprolactam	11.798	113	176847	33.016	ng/u1	97
35) 4-Chloro-3-methylphenol	12.075	107	564955	32.849	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	1105311	30.055	ng/u1	100

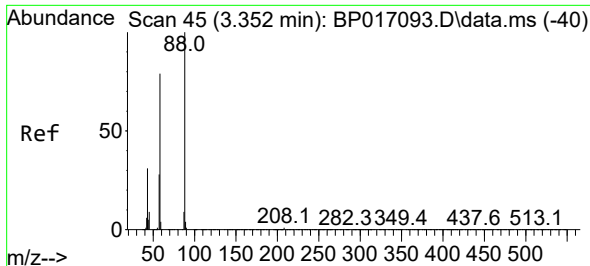
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	1081377	28.921	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.793	216	490754	27.704	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	203741	19.412	ng/ul	99
41) 2,4,6-Trichlorophenol	13.045	196	335607	28.444	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	386003	30.056	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	1511861	29.897	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	1170222	29.515	ng/ul	100
45) 2-Nitroaniline	13.734	65	418268	33.291	ng/ul	99
47) Dimethylphthalate	14.081	163	1531203	30.781	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	296411	33.129	ng/ul	98
50) Acenaphthylene	14.345	152	1902839	29.142	ng/ul	99
51) 3-Nitroaniline	14.563	138	327677	32.197	ng/ul	98
52) Acenaphthene	14.687	153	1322134	30.096	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	162339	28.780	ng/ul	98
55) 4-Nitrophenol	14.851	109	264201	31.923	ng/ul	98
56) Dibenzofuran	15.022	168	1813095	30.384	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	459099	33.471	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.234	232	285694	28.536	ng/ul	99
59) Diethylphthalate	15.439	149	1575925	31.393	ng/ul	99
61) Fluorene	15.669	166	1537669	30.874	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	688502	29.869	ng/ul	99
63) 4-Nitroaniline	15.734	138	352409	35.886	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	251242	27.599	ng/ul#	90
67) N-Nitrosodiphenylamine	15.886	169	1263384	31.002	ng/ul	100
68) 4-Bromophenyl-phenylether	16.569	248	371575	29.988	ng/ul	97
69) Hexachlorobenzene	16.645	284	409619	29.710	ng/ul	97
70) Atrazine	16.839	200	159148	11.288	ng/ul	97
71) Pentachlorophenol	17.010	266	221448	23.625	ng/ul	97
72) Phenanthrene	17.433	178	2406704	31.000	ng/ul	100
74) Anthracene	17.522	178	2349085	29.928	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	48201	2.560	ng/uL	98
76) Pentachlorobenzene	14.910	250	503802	31.055	ng/uL	99
77) Carbazole	17.810	167	2273694	31.782	ng/ul	100
78) Di-n-butylphthalate	18.322	149	2697892	32.707	ng/ul	100
80) Fluoranthene	19.398	202	2736180	31.410	ng/ul	99
82) Pyrene	19.757	202	2892503	31.088	ng/ul	98
83) Butylbenzylphthalate	20.616	149	1265872	33.068	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.416	252	851925	30.422	ng/ul	99
85) Benzo(a)anthracene	21.474	228	2829540	30.780	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	1812312	33.080	ng/ul	99
87) Chrysene	21.527	228	2616807	31.040	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	3124982	29.655	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2696214	31.246	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	2729636	31.461	ng/ul	99
93) Benzo(a)pyrene	23.910	252	2405214	29.985	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.704	276	2972538	32.991	ng/ul	100
95) Dibenzo(a,h)anthracene	26.727	278	2492628	33.181	ng/ul	99
96) Benzo(g,h,i)perylene	27.545	276	2304429	33.558	ng/ul	99

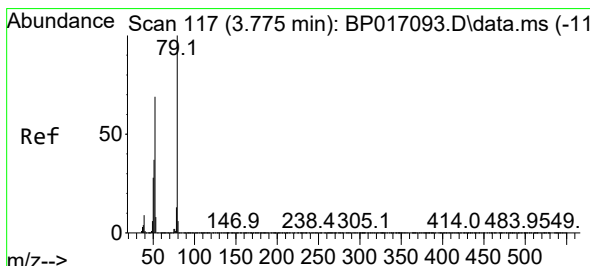
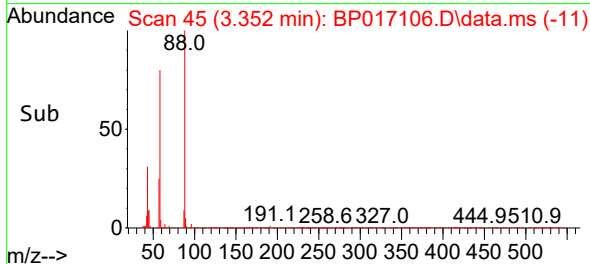
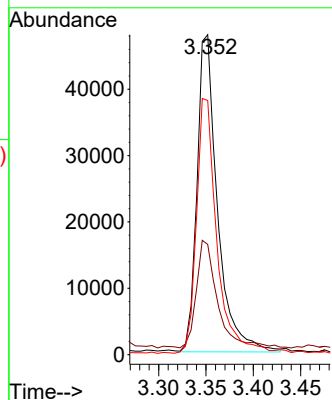
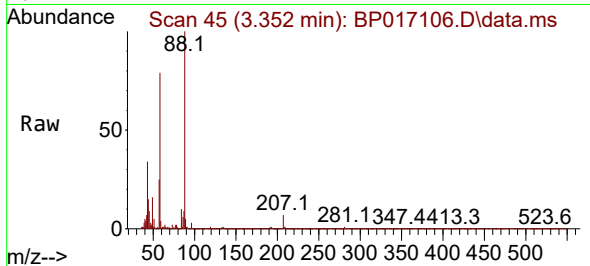
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#2
1,4-Dioxane
Concen: 11.416 ng/uL
RT: 3.352 min Scan# 41
Delta R.T. -0.000 min
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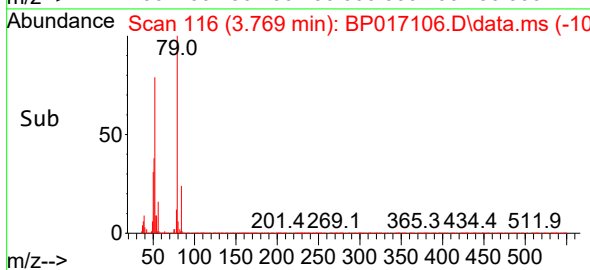
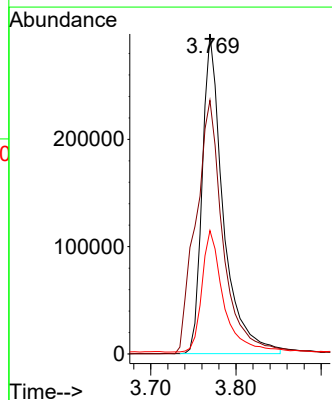
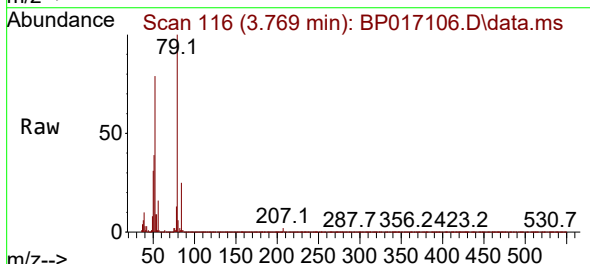
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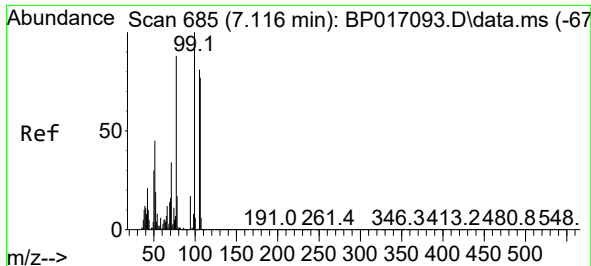
Tgt Ion: 88	Resp: 72049
Ion Ratio	Lower Upper
88 100	
43 34.4	27.3 40.9
58 79.5	63.7 95.5



#5
Pyridine
Concen: 27.760 ng/uL
RT: 3.769 min Scan# 116
Delta R.T. -0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion: 79	Resp: 511265
Ion Ratio	Lower Upper
79 100	
52 79.2	61.6 92.4
51 38.6	30.9 46.3

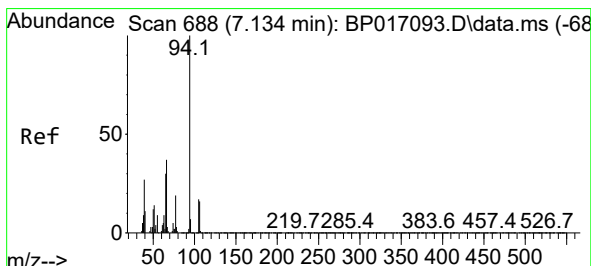
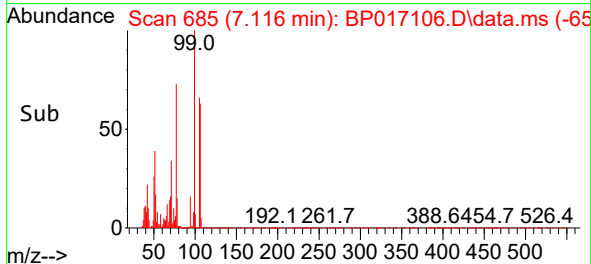
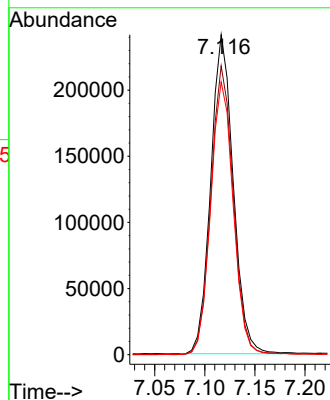
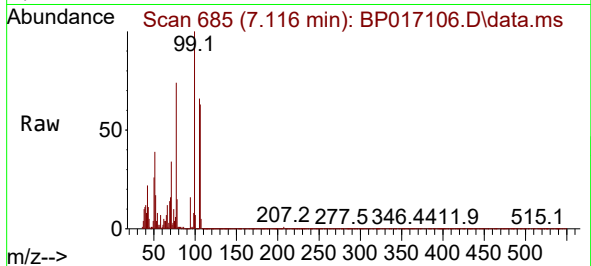




#6
Benzaldehyde
Concen: 31.715 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

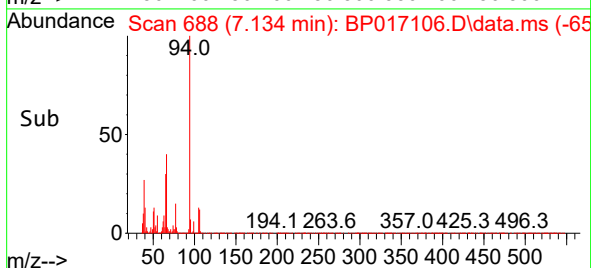
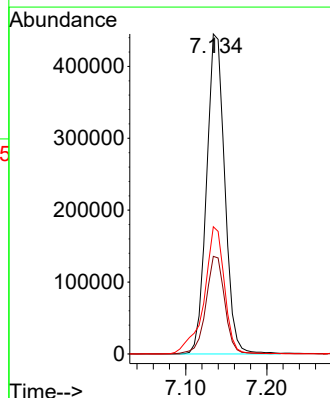
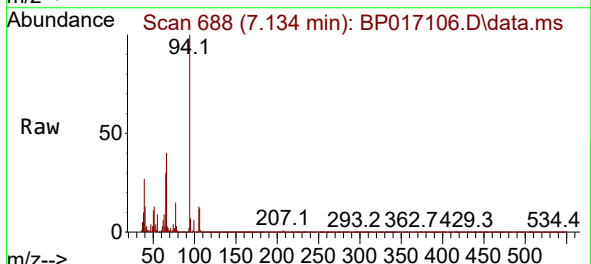
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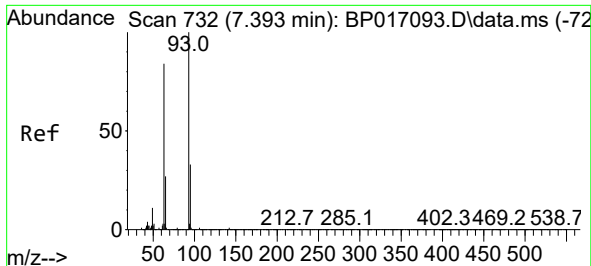
Tgt Ion: 77 Resp: 376426
Ion Ratio Lower Upper
77 100
105 90.2 70.3 105.5
106 85.3 69.0 103.6



#8
Phenol
Concen: 32.253 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion: 94 Resp: 691452
Ion Ratio Lower Upper
94 100
65 30.5 25.4 38.0
66 39.8 30.6 46.0

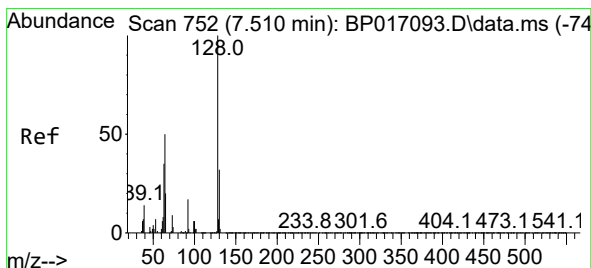
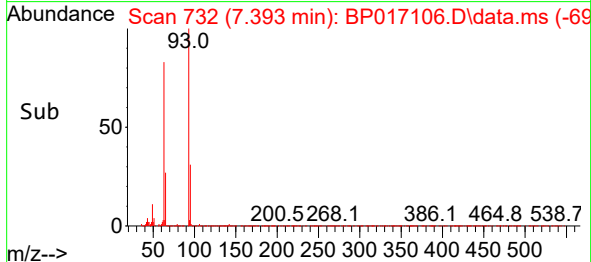
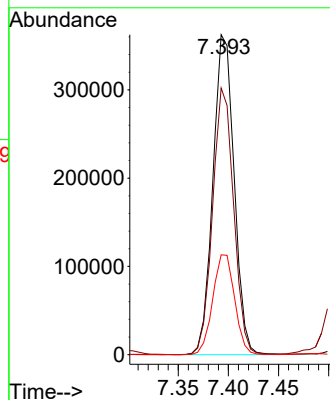
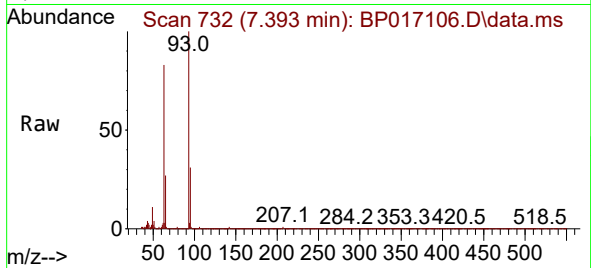




#10
Bis(2-Chloroethyl)ether
Concen: 31.183 ng/ul
RT: 7.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

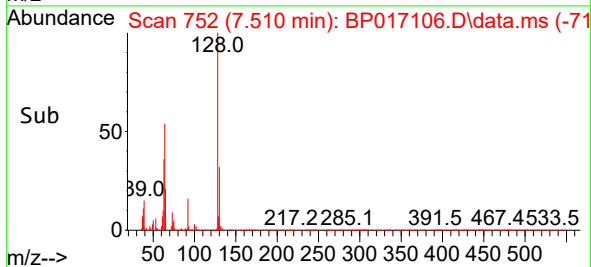
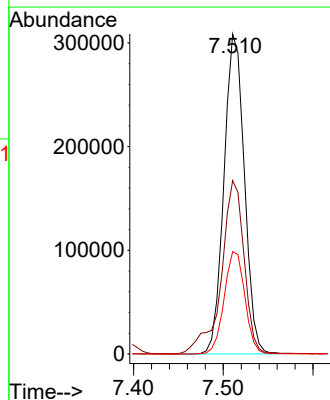
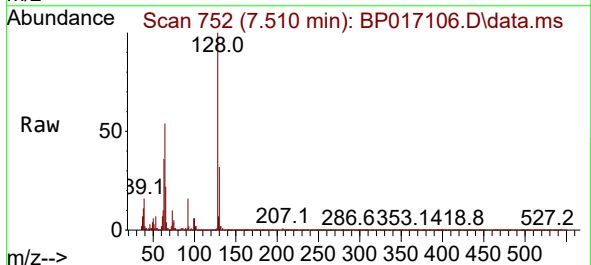
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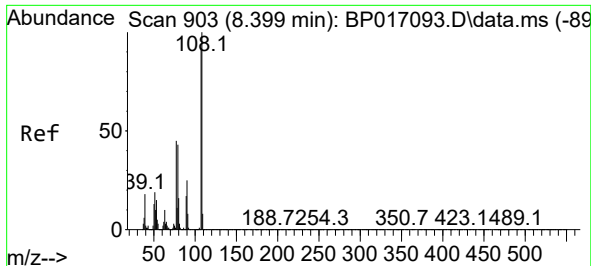
Tgt Ion: 93 Resp: 533138
Ion Ratio Lower Upper
93 100
63 83.4 65.4 98.0
95 31.2 25.1 37.7



#12
2-Chlorophenol
Concen: 32.263 ng/ul
RT: 7.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:128 Resp: 487434
Ion Ratio Lower Upper
128 100
64 54.2 42.2 63.4
130 32.0 25.3 37.9





#13

2-Methylphenol

Concen: 31.273 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

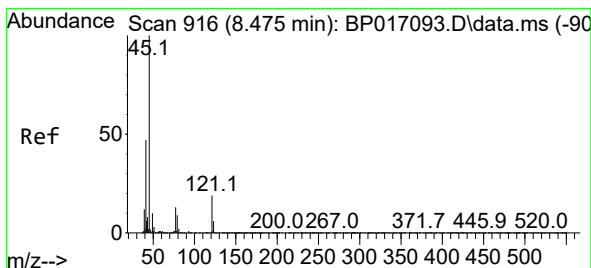
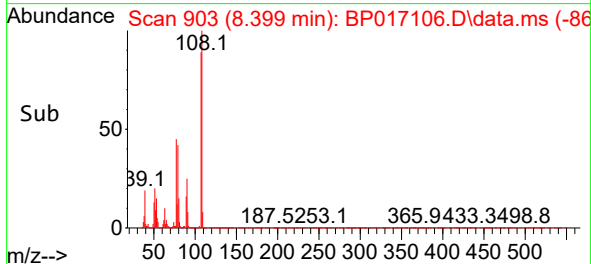
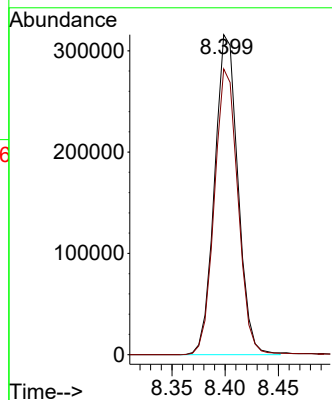
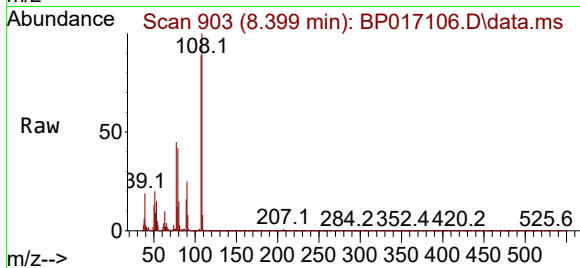
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Tgt Ion:108 Resp: 480810

Ion Ratio Lower Upper

108 100

107 89.3 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.647 ng/ul

RT: 8.475 min Scan# 916

Delta R.T. 0.000 min

Lab File: BP017106.D

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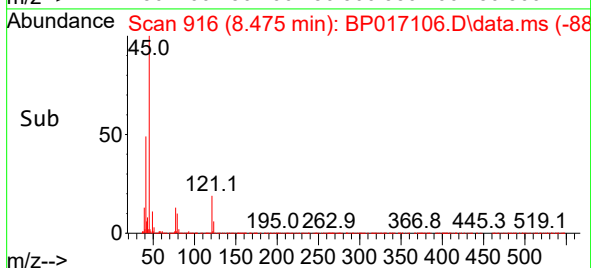
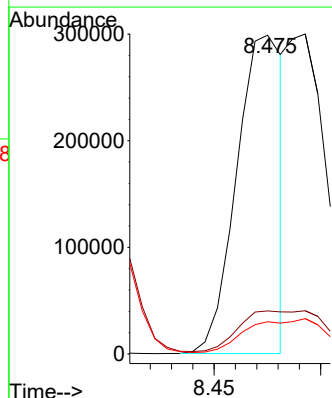
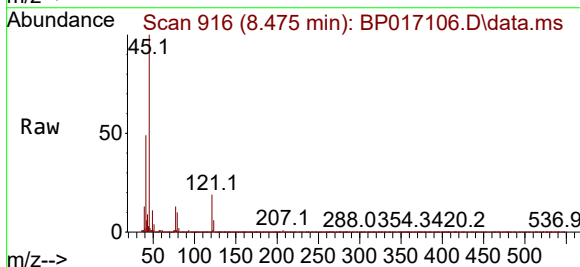
Tgt Ion: 45 Resp: 445783

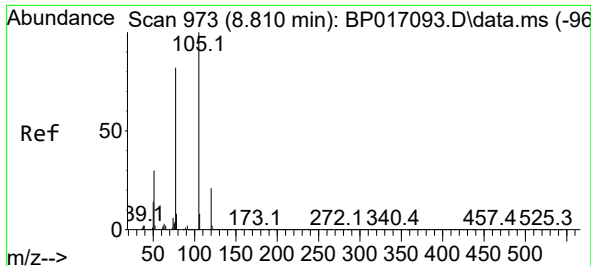
Ion Ratio Lower Upper

45 100

77 13.5 11.0 16.4

79 10.1 7.8 11.6

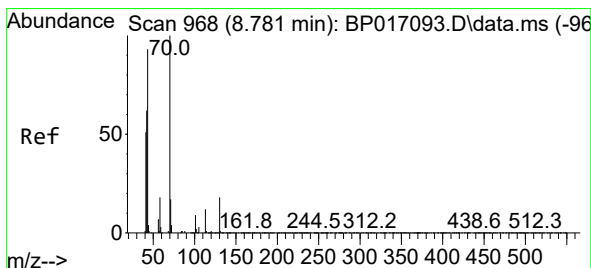
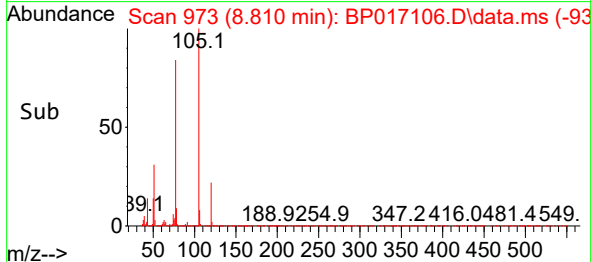
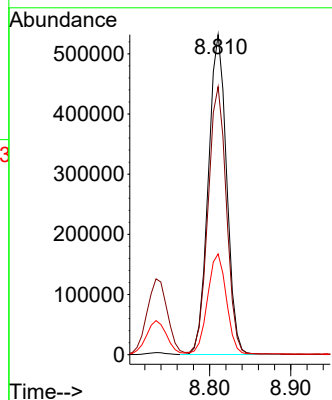
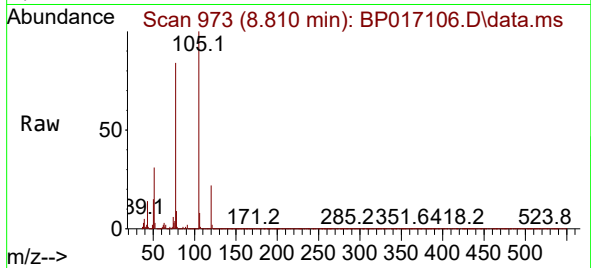




#16
Acetophenone
Concen: 32.409 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
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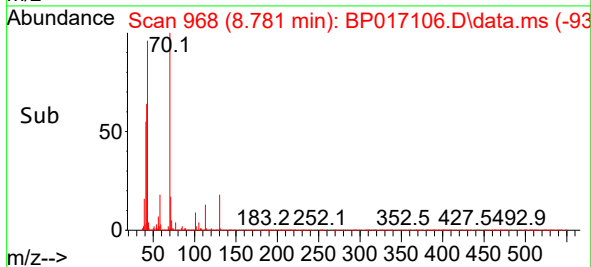
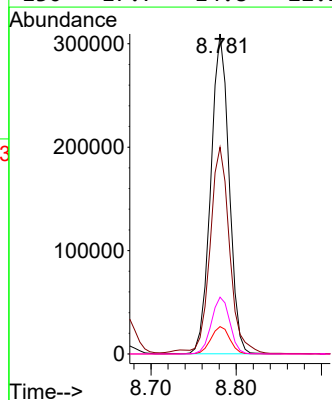
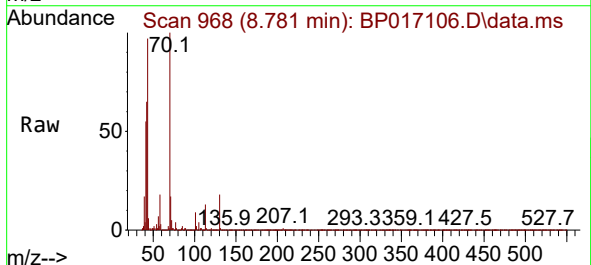
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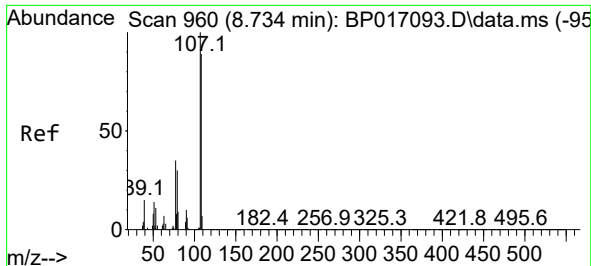
Tgt Ion:105 Resp: 830712
Ion Ratio Lower Upper
105 100
77 83.8 67.0 100.4
51 31.5 25.4 38.0



#17
N-Nitroso-di-n-propylamine
Concen: 33.610 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion: 70 Resp: 460917
Ion Ratio Lower Upper
70 100
42 64.6 50.9 76.3
101 8.5 6.7 10.1
130 17.7 14.8 22.2

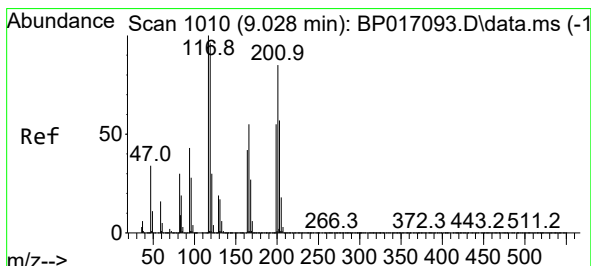
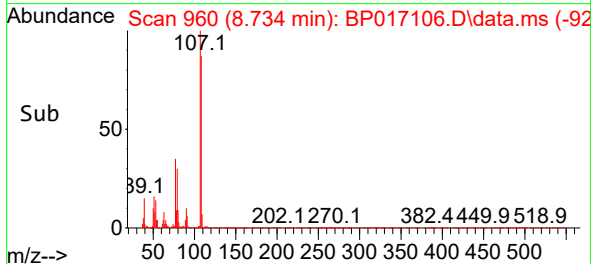
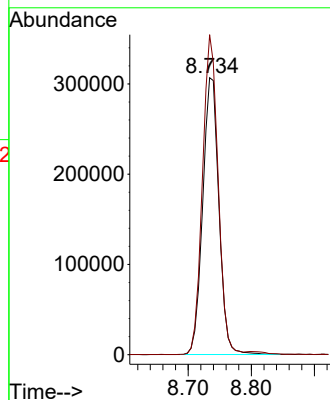
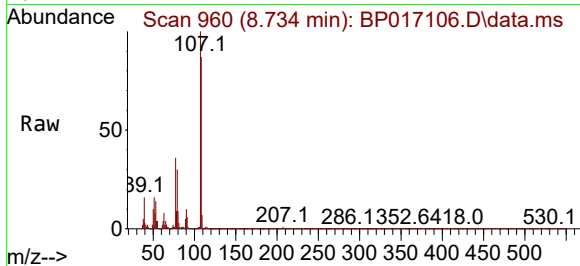




#18
4-Methylphenol
Concen: 32.669 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

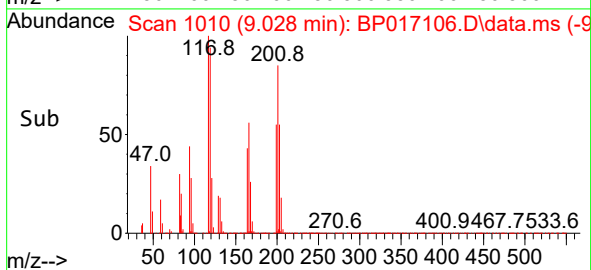
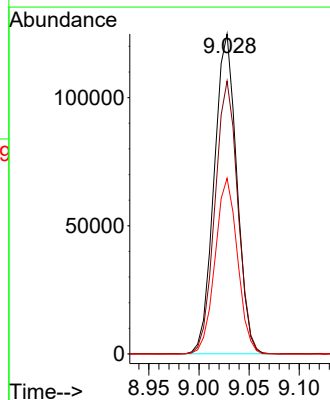
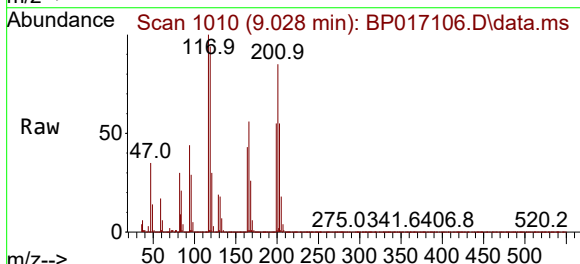
Instrument :
BNA_P
ClientSampleId :
SLCS068

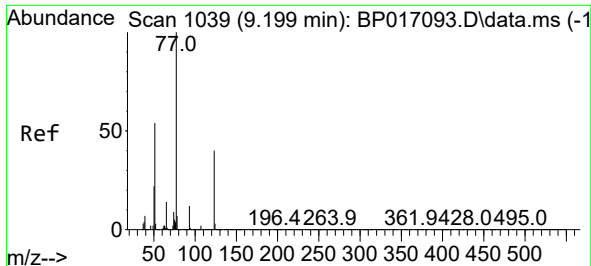
Tgt Ion:108 Resp: 548992
Ion Ratio Lower Upper
108 100
107 115.5 90.2 135.4



#19
Hexachloroethane
Concen: 30.794 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:117 Resp: 196049
Ion Ratio Lower Upper
117 100
201 85.3 69.9 104.9
199 54.9 43.9 65.9

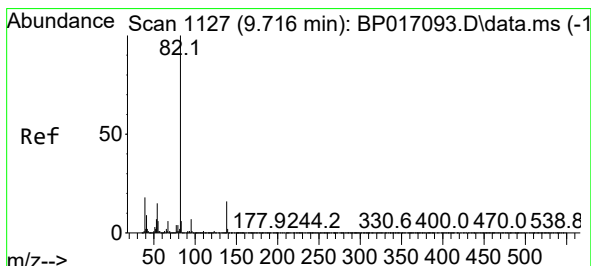
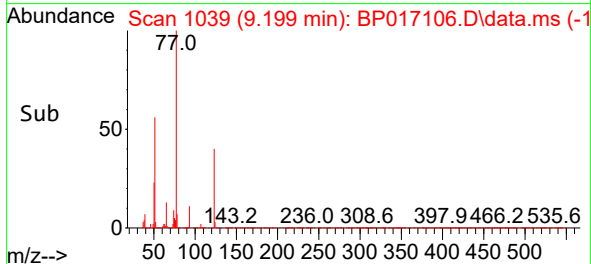
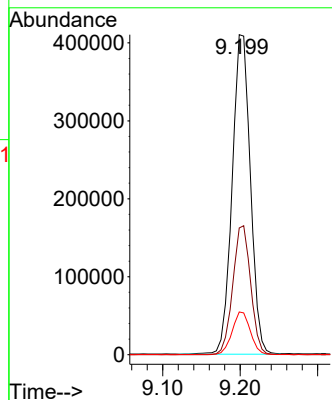
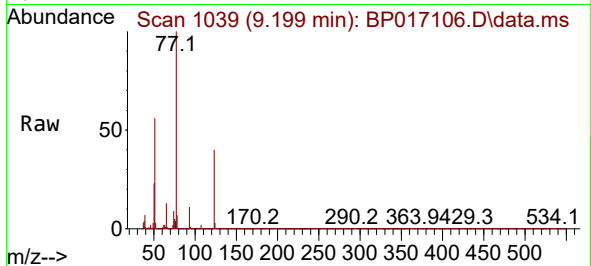




#22
Nitrobenzene
Concen: 30.793 ng/ul
RT: 9.199 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

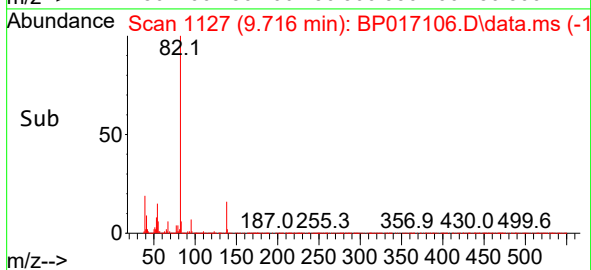
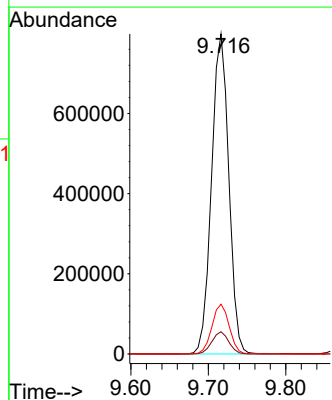
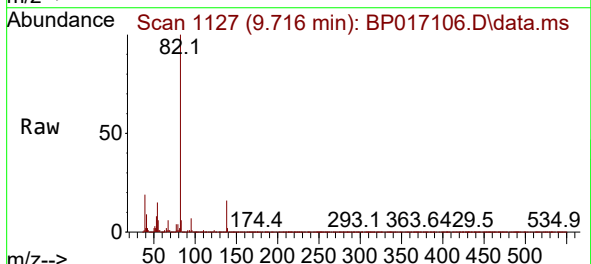
Instrument :
BNA_P
ClientSampleId :
SLCS068

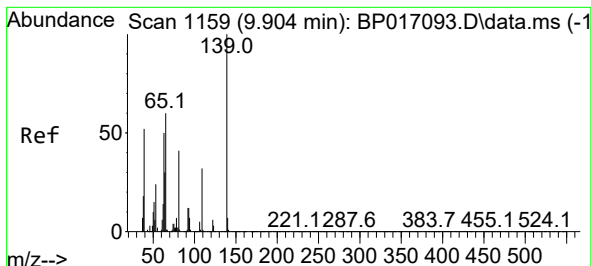
Tgt Ion: 77 Resp: 671775
Ion Ratio Lower Upper
77 100
123 39.6 32.8 49.2
65 13.4 11.0 16.4



#23
Isophorone
Concen: 31.127 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion: 82 Resp: 1233453
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 15.5 12.6 19.0

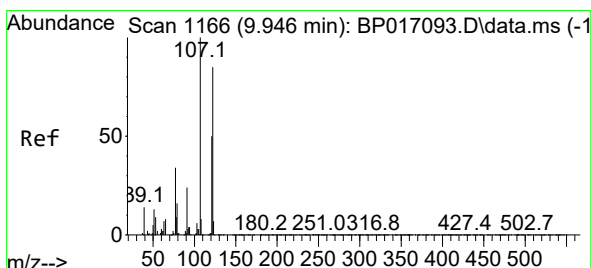
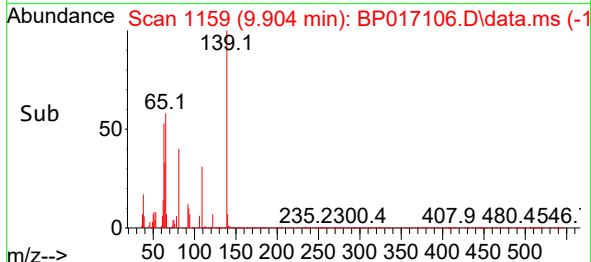
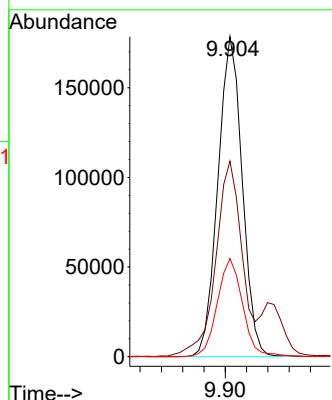
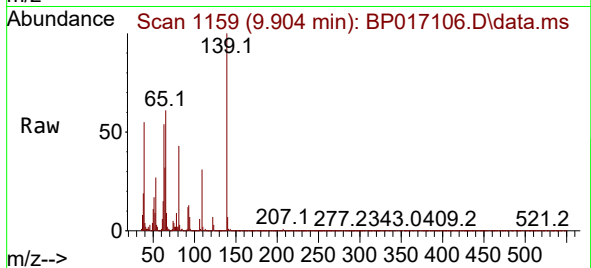




#25
2-Nitrophenol
Concen: 32.005 ng/ul
RT: 9.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

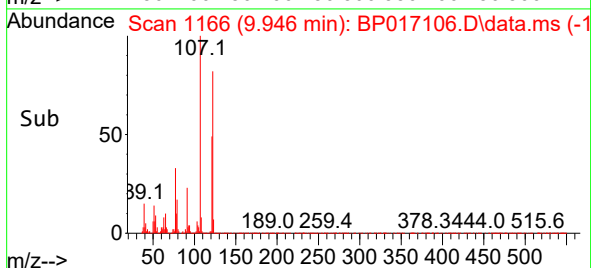
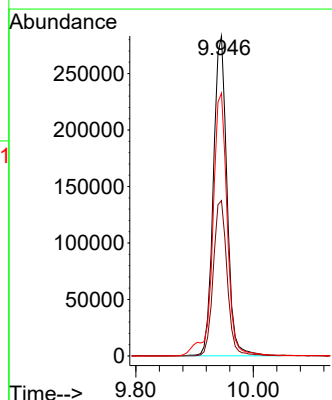
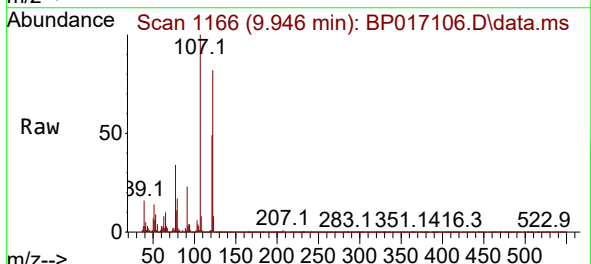
Instrument :
BNA_P
ClientSampleId :
SLCS068

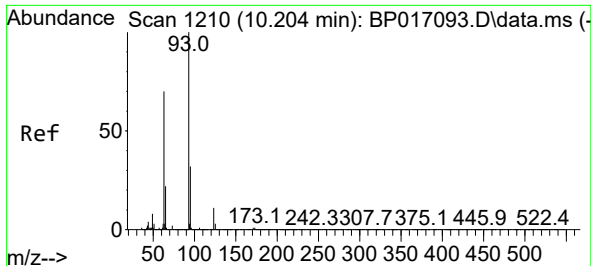
Tgt Ion:139 Resp: 282451
Ion Ratio Lower Upper
139 100
65 61.1 49.9 74.9
109 30.7 25.3 37.9



#26
2,4-Dimethylphenol
Concen: 24.168 ng/ul
RT: 9.946 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:107 Resp: 455585
Ion Ratio Lower Upper
107 100
121 48.5 39.1 58.7
122 82.2 66.6 100.0

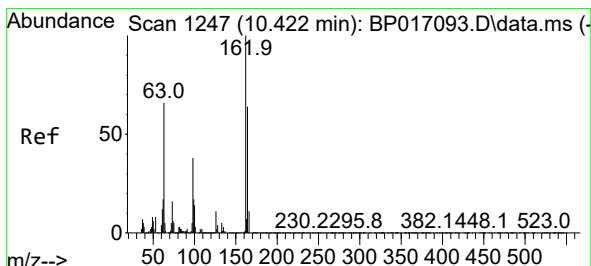
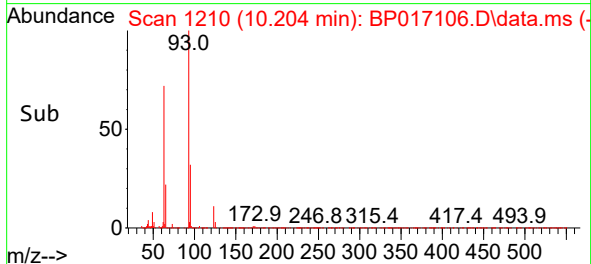
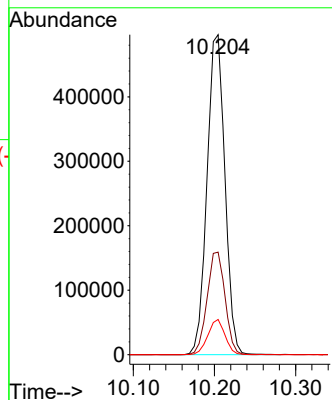
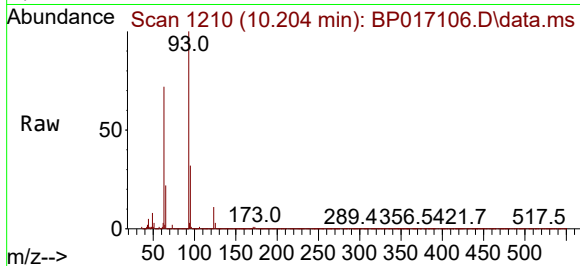




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.476 ng/ul
 RT: 10.204 min Scan# 1210
 Delta R.T. 0.000 min
 Lab File: BP017106.D
 Acq: 11 Sep 2023 15:57

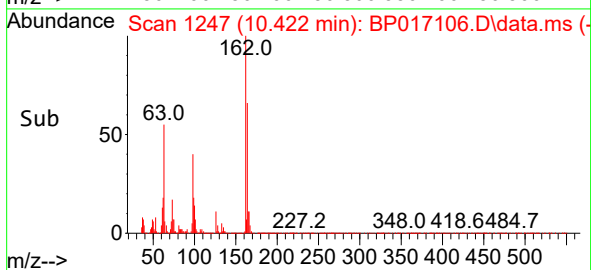
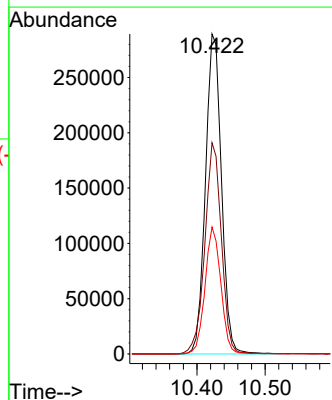
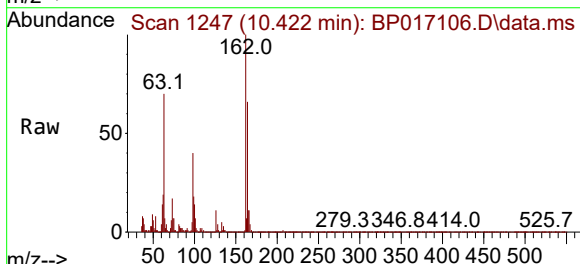
Instrument :
 BNA_P
 ClientSampleId :
 SLCS068

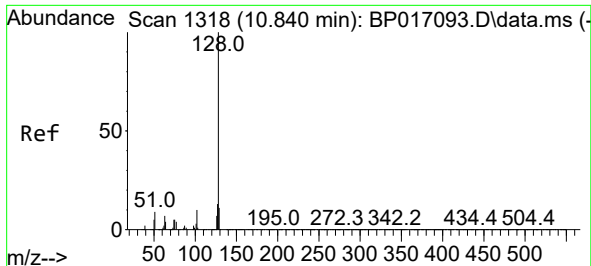
Tgt Ion: 93 Resp: 757289
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.6 39.8
 123 11.0 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 30.882 ng/ul
 RT: 10.422 min Scan# 1247
 Delta R.T. 0.000 min
 Lab File: BP017106.D
 Acq: 11 Sep 2023 15:57

Tgt Ion: 162 Resp: 472487
 Ion Ratio Lower Upper
 162 100
 164 66.0 51.0 76.6
 98 39.6 30.7 46.1

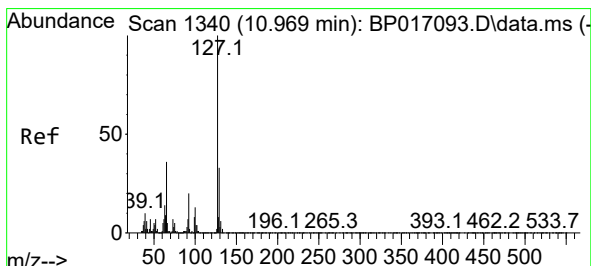
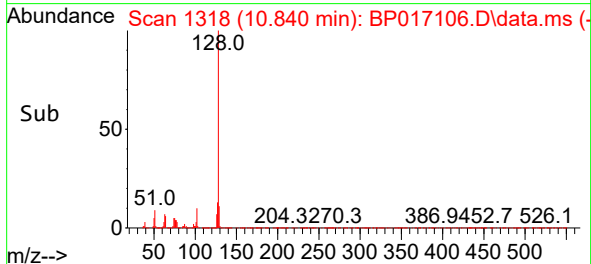
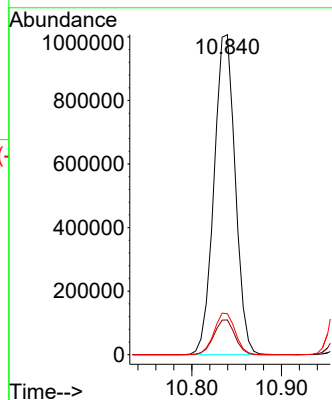
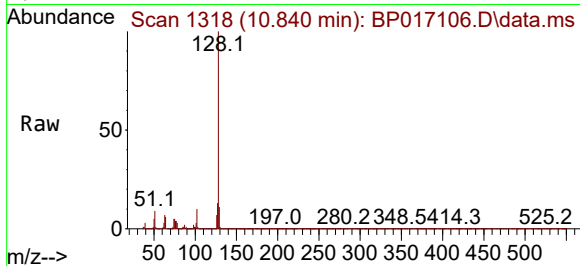




#30
Naphthalene
Concen: 30.025 ng/ul
RT: 10.840 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

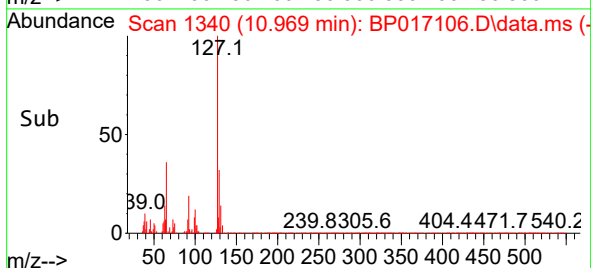
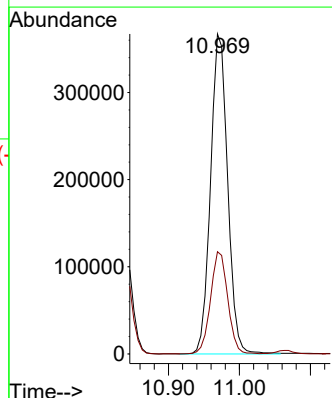
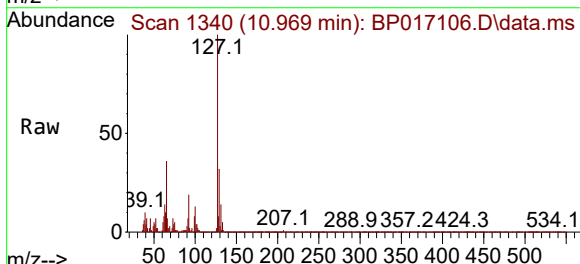
Instrument :
BNA_P
ClientSampleId :
SLCS068

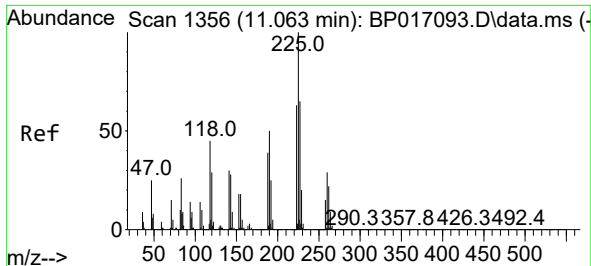
Tgt Ion:128 Resp: 1653690
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 25.840 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:127 Resp: 612898
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9

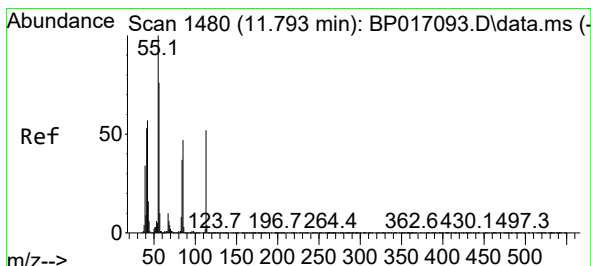
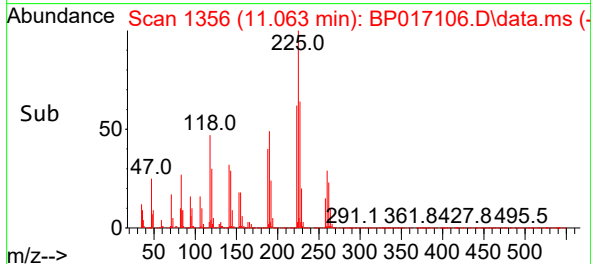
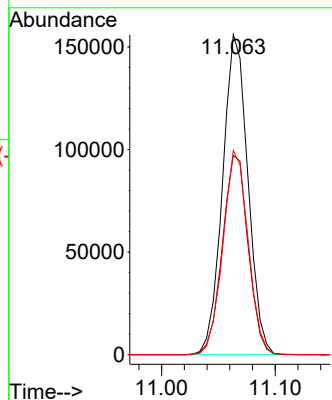
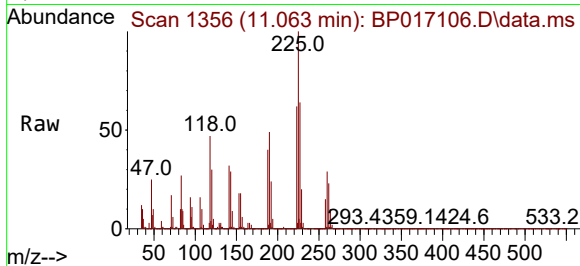




#33
Hexachlorobutadiene
Concen: 28.322 ng/ul
RT: 11.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

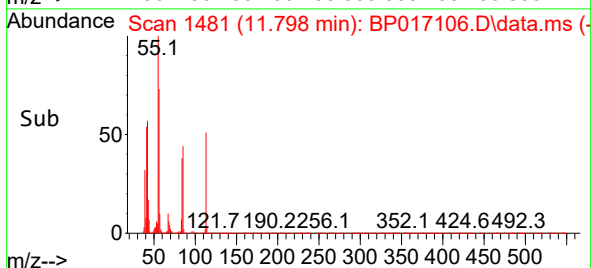
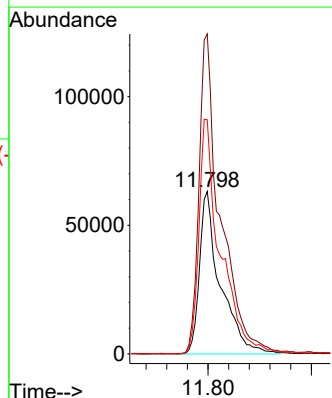
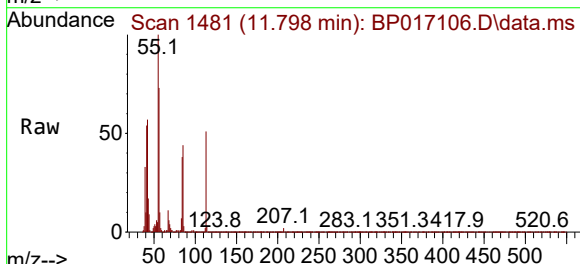
Instrument :
BNA_P
ClientSampleId :
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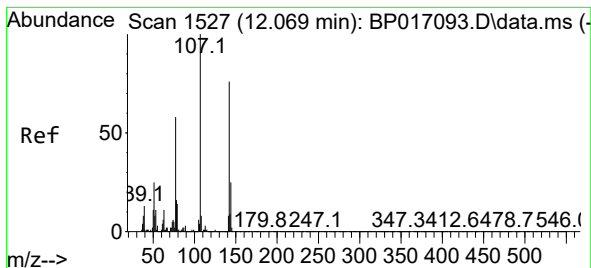
Tgt Ion:225 Resp: 241318
Ion Ratio Lower Upper
225 100
223 62.3 51.6 77.4
227 63.8 51.8 77.8



#34
Caprolactam
Concen: 33.016 ng/ul
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:113 Resp: 176847
Ion Ratio Lower Upper
113 100
55 196.9 160.4 240.6
56 144.1 118.5 177.7

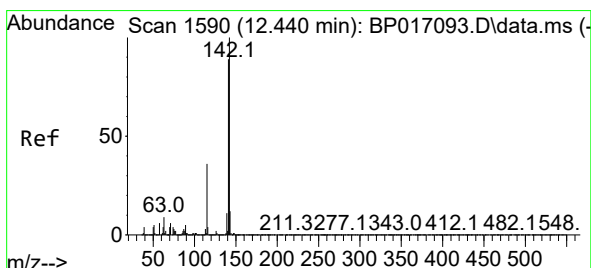
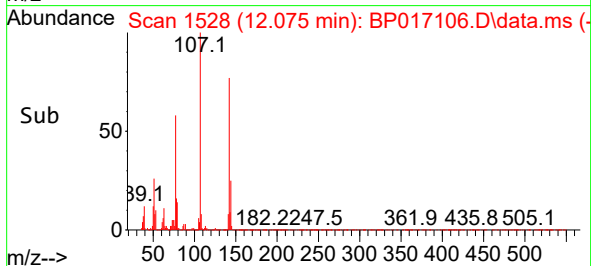
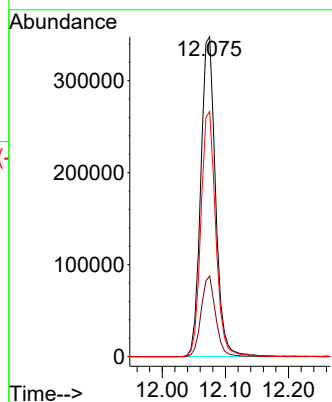
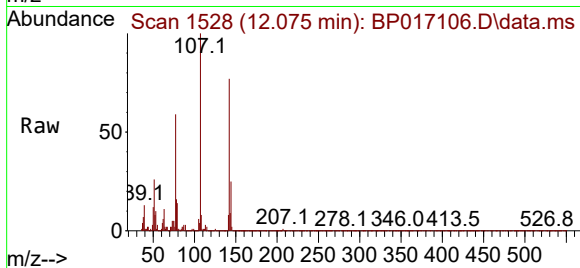




#35
4-Chloro-3-methylphenol
Concen: 32.849 ng/ul
RT: 12.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

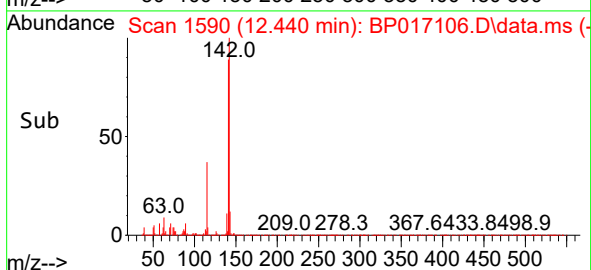
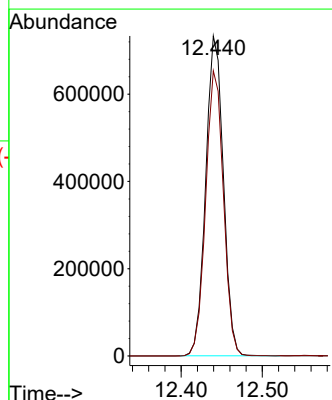
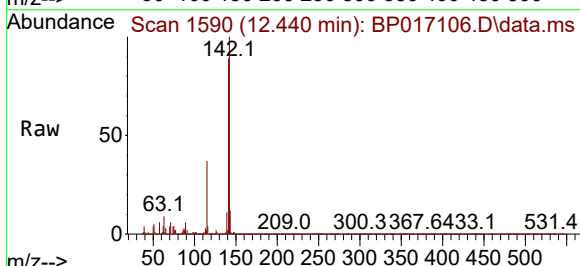
Instrument :
BNA_P
ClientSampleId :
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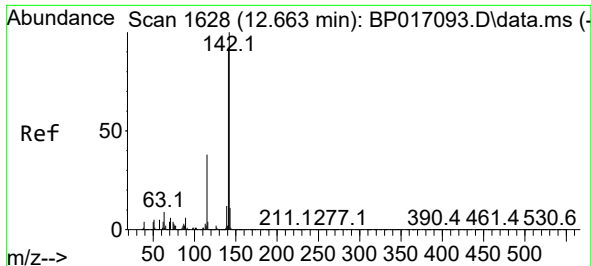
Tgt Ion:107 Resp: 564955
Ion Ratio Lower Upper
107 100
144 25.2 20.9 31.3
142 76.6 63.2 94.8



#36
2-Methylnaphthalene
Concen: 30.055 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:142 Resp: 1105311
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0





#37

1-Methylnaphthalene

Concen: 28.921 ng/ul

RT: 12.663 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

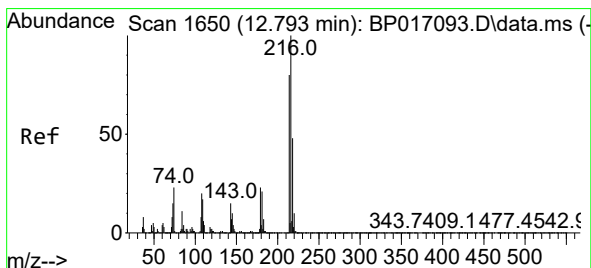
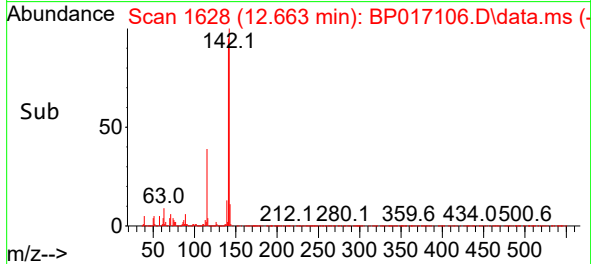
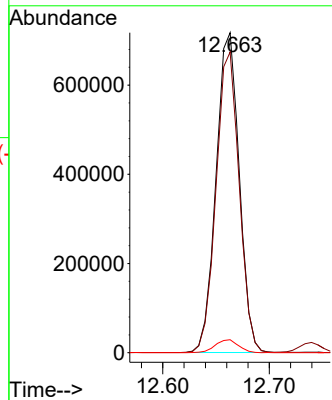
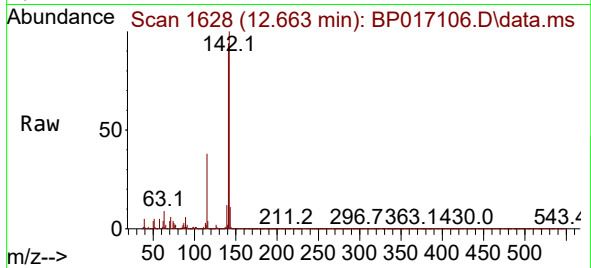
Tgt Ion:142 Resp: 1081377

Ion Ratio Lower Upper

142 100

141 94.0 73.1 109.7

116 4.0 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.704 ng/ul

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Tgt Ion:216 Resp: 490754

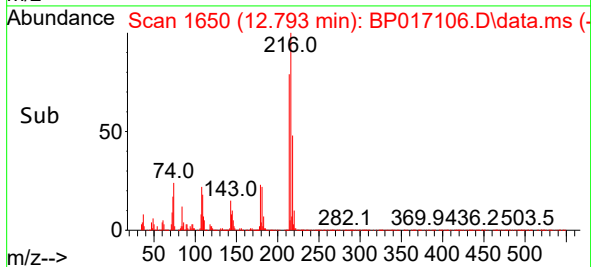
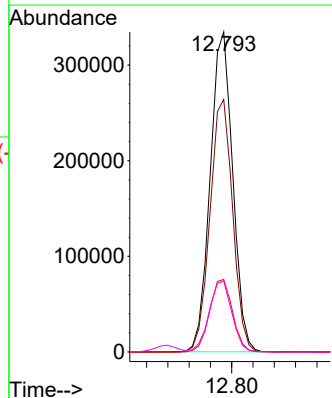
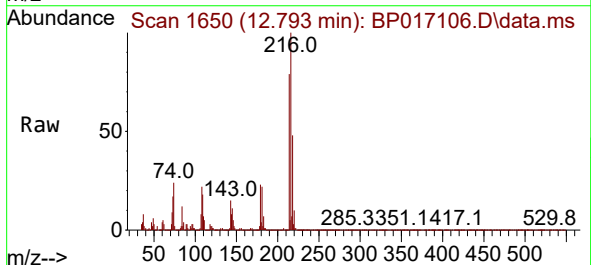
Ion Ratio Lower Upper

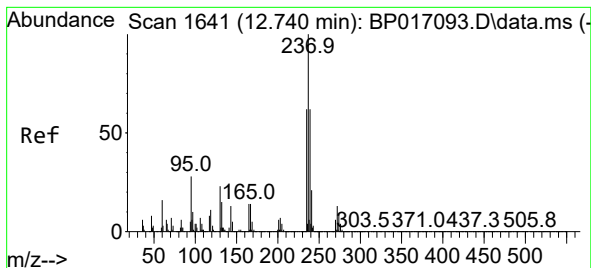
216 100

214 78.9 62.2 93.2

179 22.6 18.2 27.4

108 22.2 17.0 25.6





#40

Hexachlorocyclopentadiene

Concen: 19.412 ng/ul

RT: 12.740 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

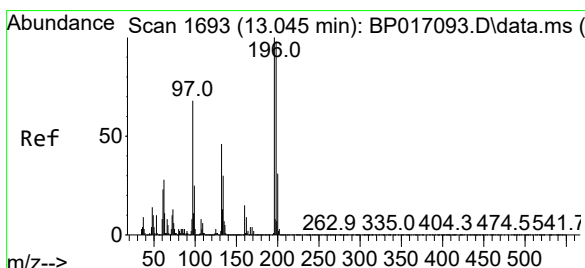
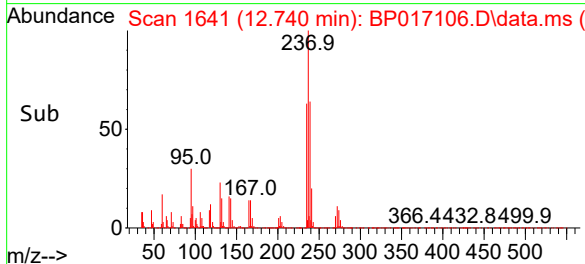
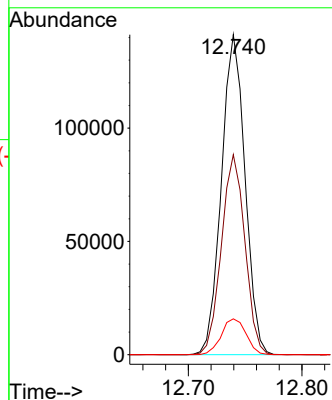
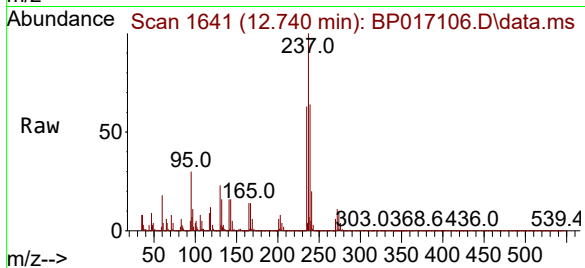
Tgt Ion:237 Resp: 203741

Ion Ratio Lower Upper

237 100

235 62.5 50.9 76.3

272 11.2 8.8 13.2



#41

2,4,6-Trichlorophenol

Concen: 28.444 ng/ul

RT: 13.045 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

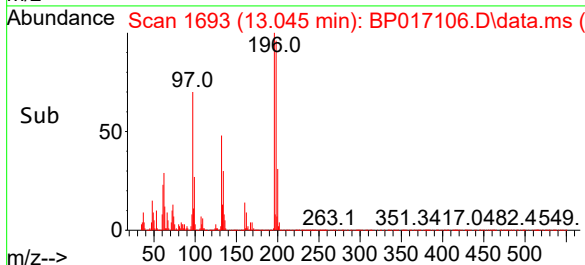
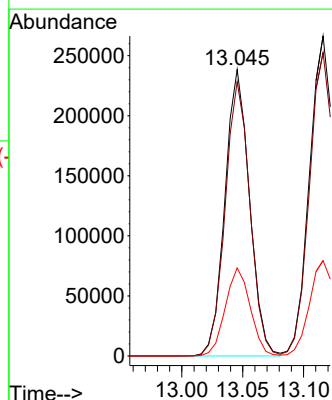
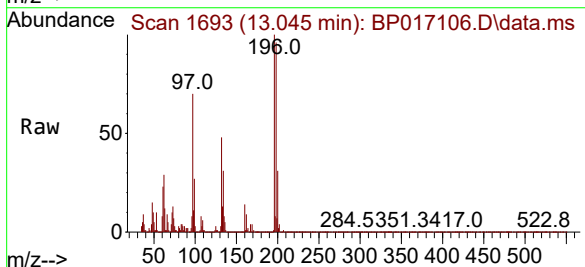
Tgt Ion:196 Resp: 335607

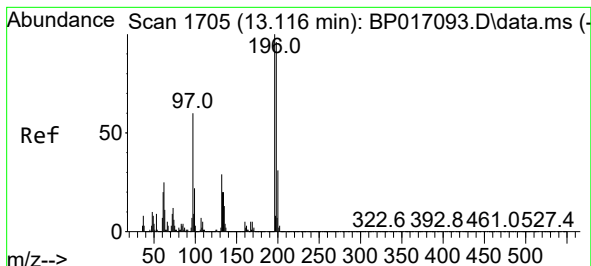
Ion Ratio Lower Upper

196 100

198 95.7 76.7 115.1

200 30.7 24.4 36.6





#42

2,4,5-Trichlorophenol

Concen: 30.056 ng/ul

RT: 13.116 min Scan# 1705

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

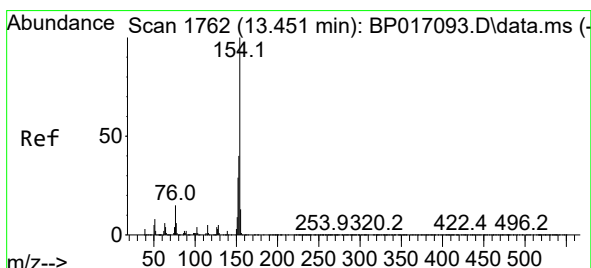
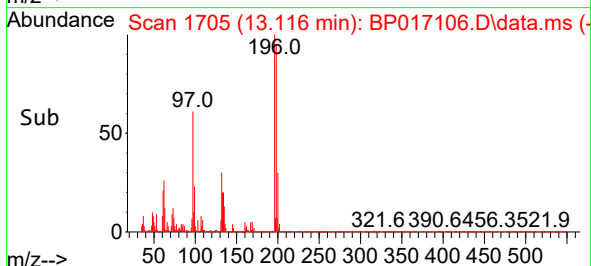
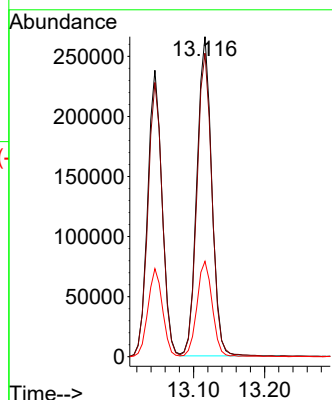
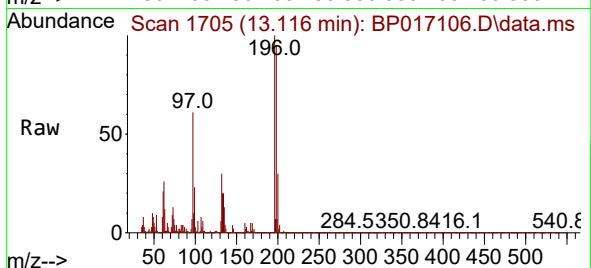
Tgt Ion:196 Resp: 386003

Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

200 29.8 23.8 35.8



#43

1,1'-Biphenyl

Concen: 29.897 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

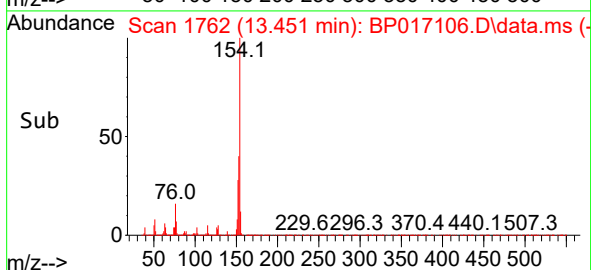
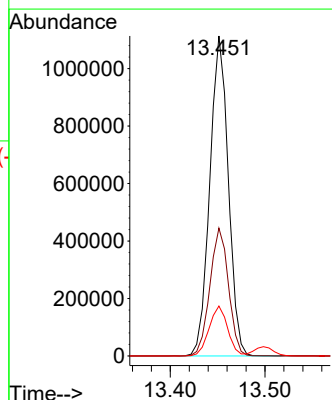
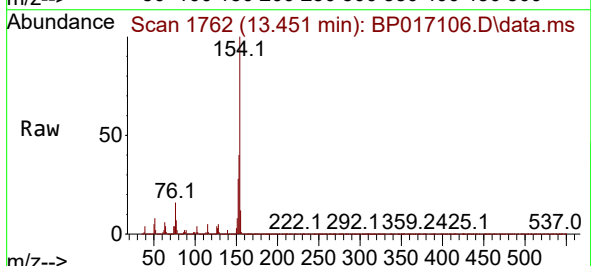
Tgt Ion:154 Resp: 1511861

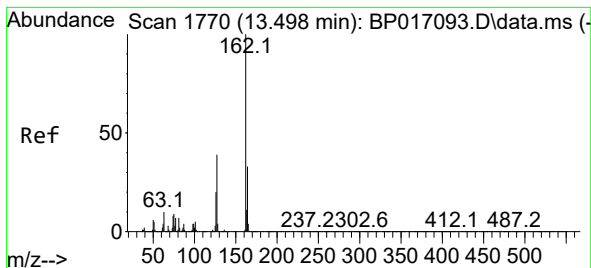
Ion Ratio Lower Upper

154 100

153 40.0 32.6 49.0

76 15.6 12.2 18.4





#44

2-Chloronaphthalene

Concen: 29.515 ng/ul

RT: 13.498 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

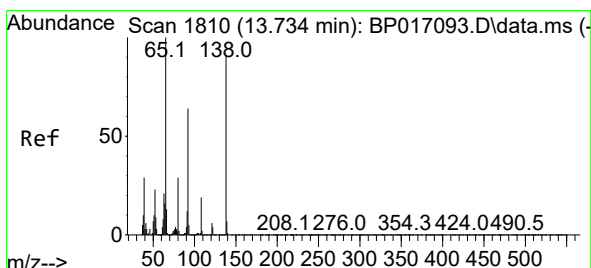
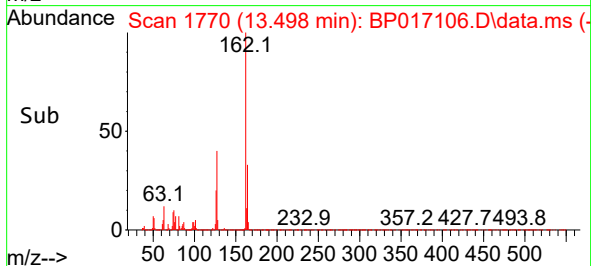
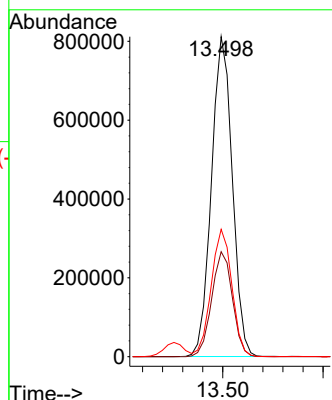
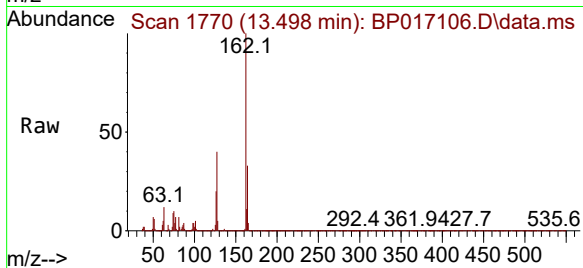
Tgt Ion:162 Resp: 1170222

Ion Ratio Lower Upper

162 100

164 32.8 26.0 39.0

127 39.8 31.8 47.8



#45

2-Nitroaniline

Concen: 33.291 ng/ul

RT: 13.734 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

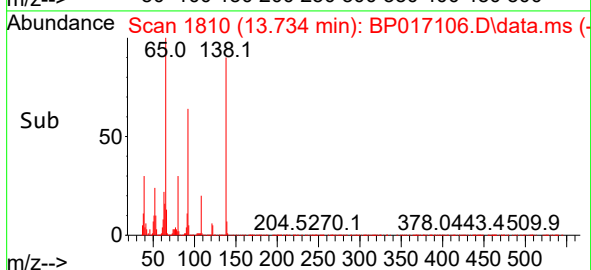
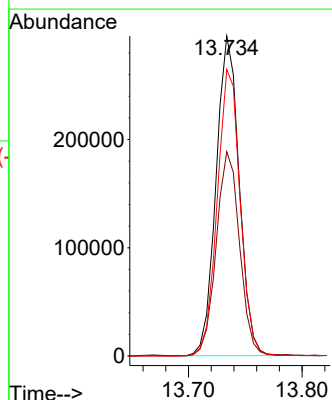
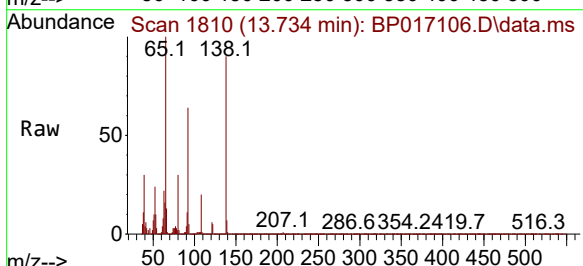
Tgt Ion: 65 Resp: 418268

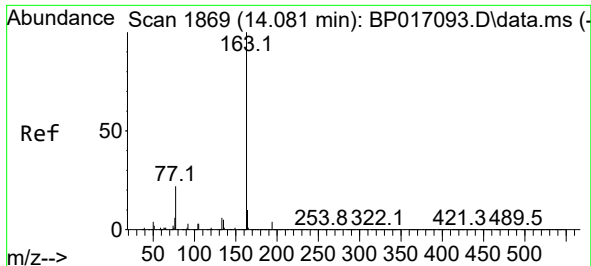
Ion Ratio Lower Upper

65 100

92 63.9 52.5 78.7

138 89.5 71.8 107.6

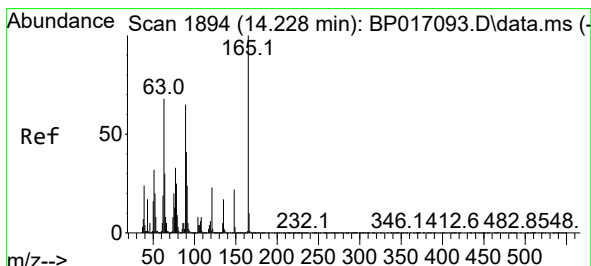
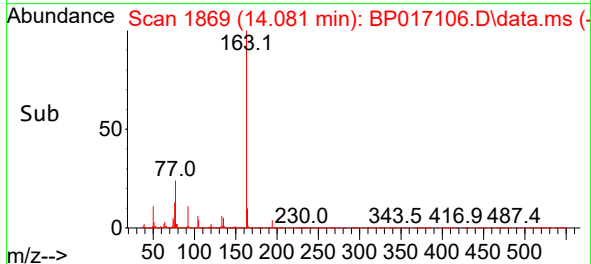
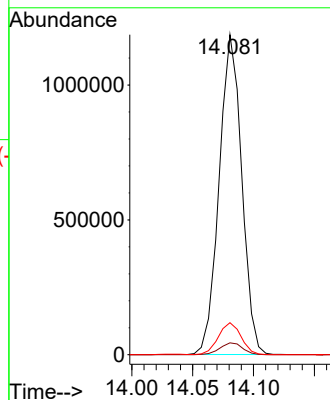
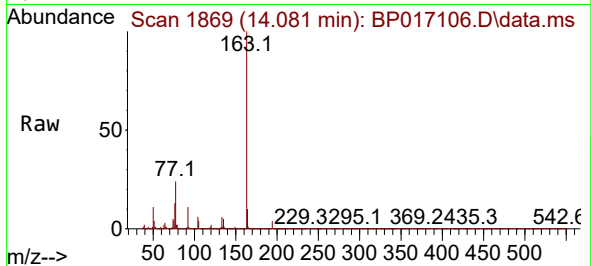




#47
Dimethylphthalate
Concen: 30.781 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

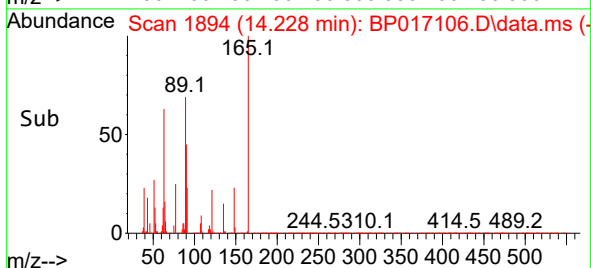
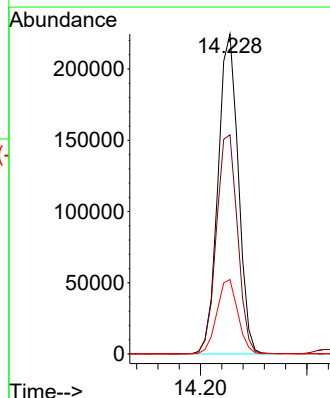
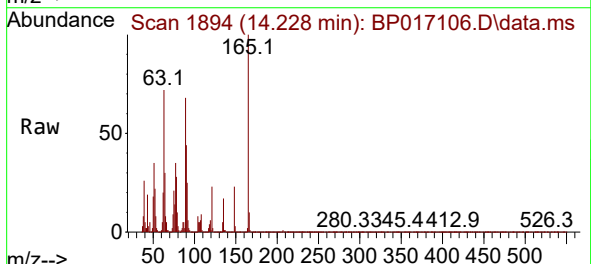
Instrument :
BNA_P
ClientSampleId :
SLCS068

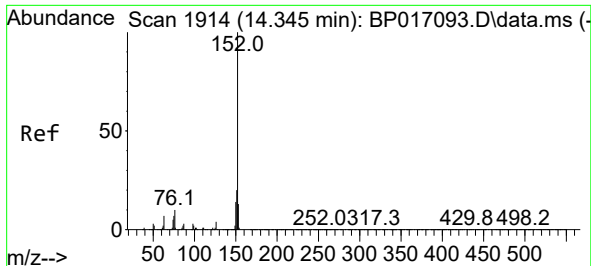
Tgt Ion:163 Resp: 1531203
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 33.129 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:165 Resp: 296411
Ion Ratio Lower Upper
165 100
89 68.5 55.6 83.4
121 23.2 20.0 30.0

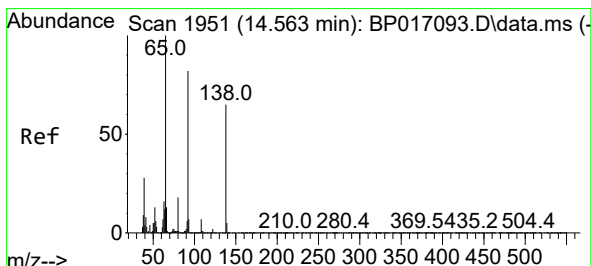
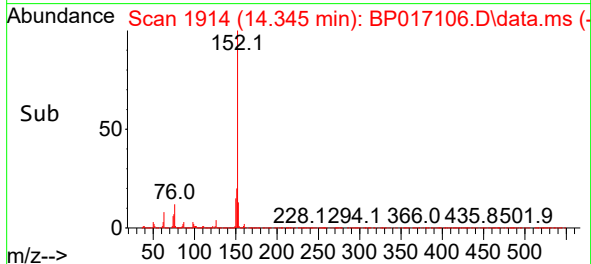
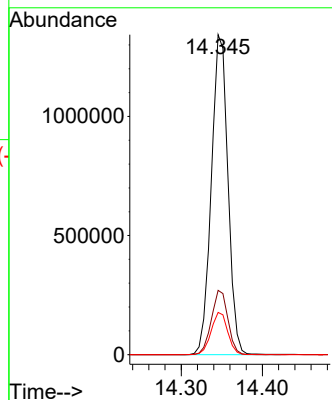
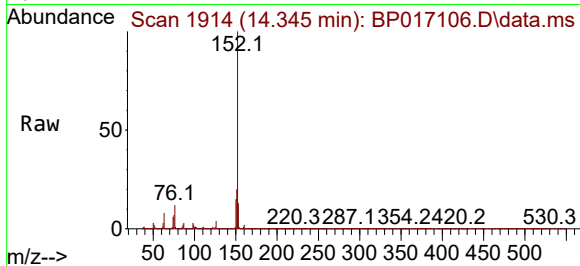




#50
Acenaphthylene
Concen: 29.142 ng/ul
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

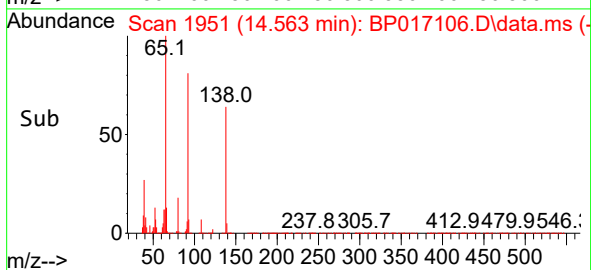
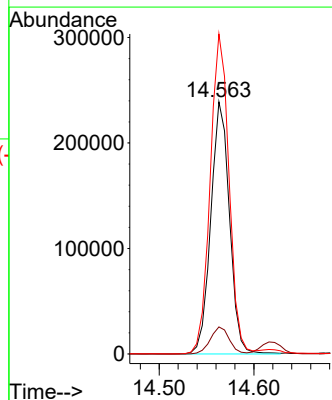
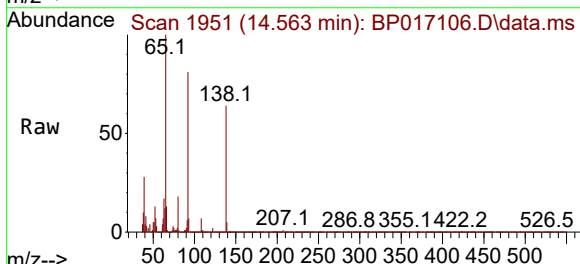
Instrument :
BNA_P
ClientSampleId :
SLCS068

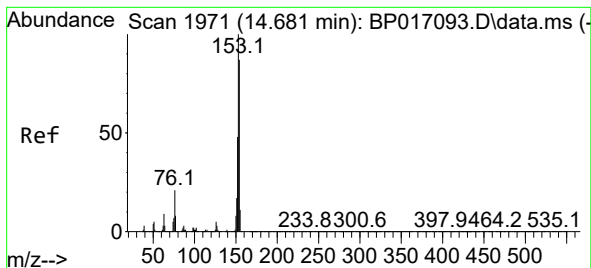
Tgt Ion:152 Resp: 1902839
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.2 10.2 15.4



#51
3-Nitroaniline
Concen: 32.197 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:138 Resp: 327677
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 126.9 103.3 154.9





#52

Acenaphthene

Concen: 30.096 ng/ul

RT: 14.687 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

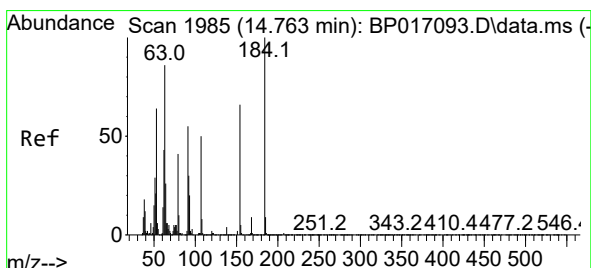
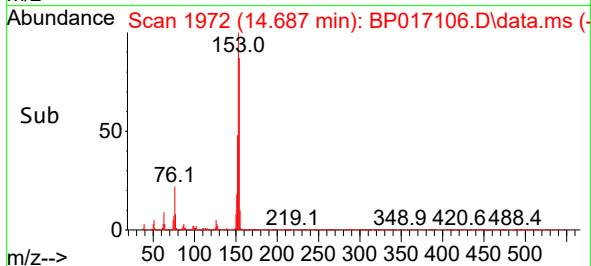
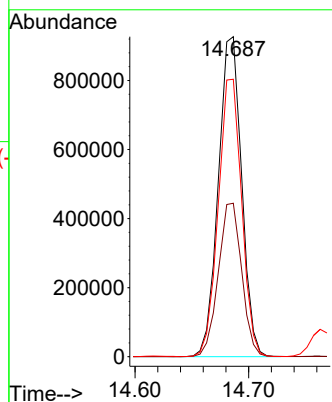
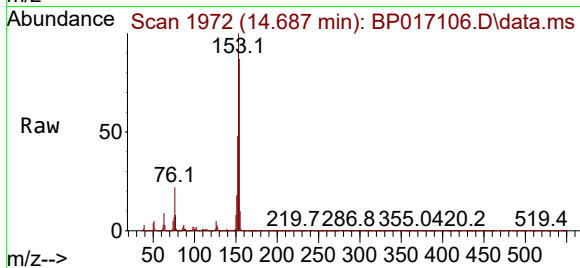
Tgt Ion:153 Resp: 1322134

Ion Ratio Lower Upper

153 100

152 48.0 38.9 58.3

154 86.7 69.0 103.6



#53

2,4-Dinitrophenol

Concen: 28.780 ng/ul

RT: 14.763 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

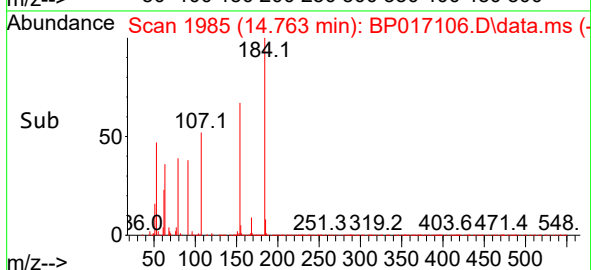
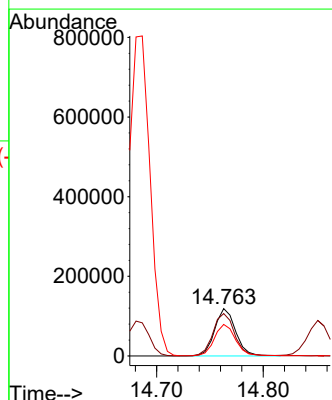
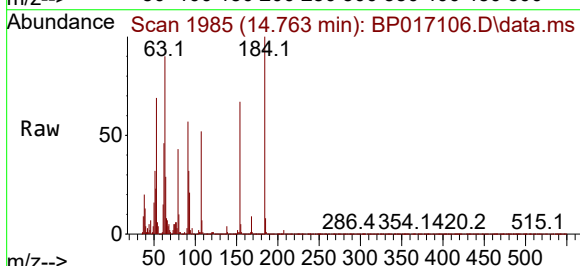
Tgt Ion:184 Resp: 162339

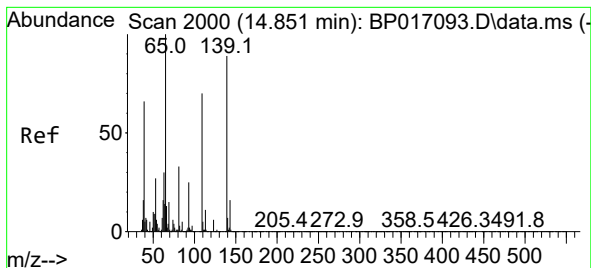
Ion Ratio Lower Upper

184 100

63 89.8 74.5 111.7

154 66.6 53.8 80.8

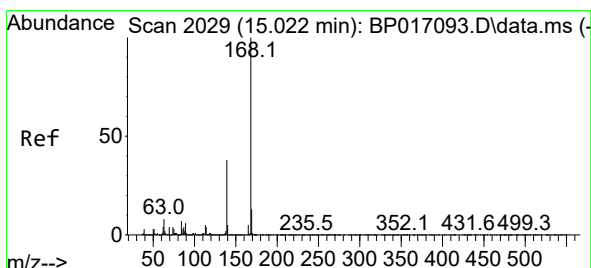
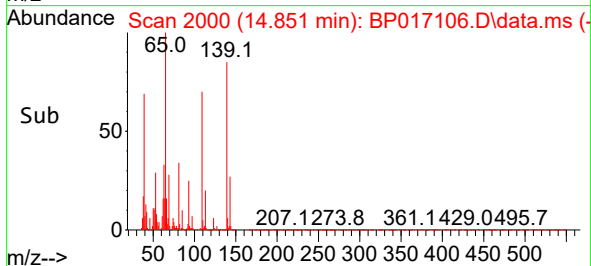
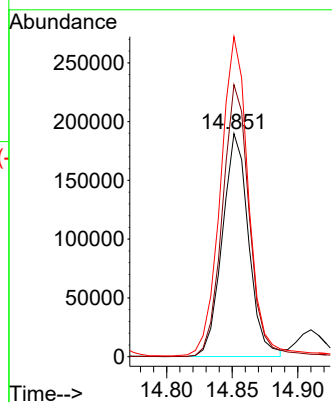
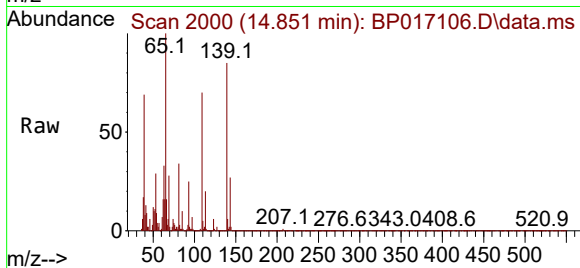




#55
4-Nitrophenol
Concen: 31.923 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

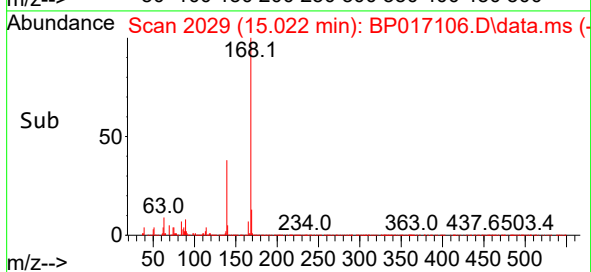
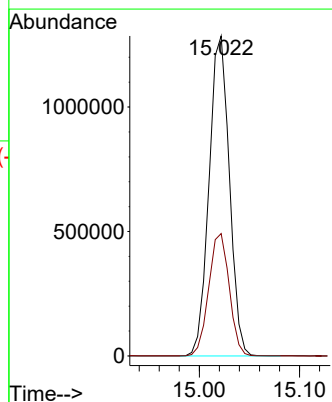
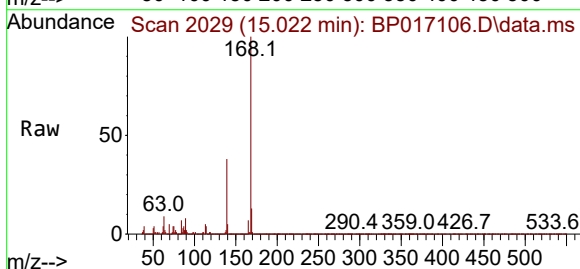
Instrument :
BNA_P
ClientSampleId :
SLCS068

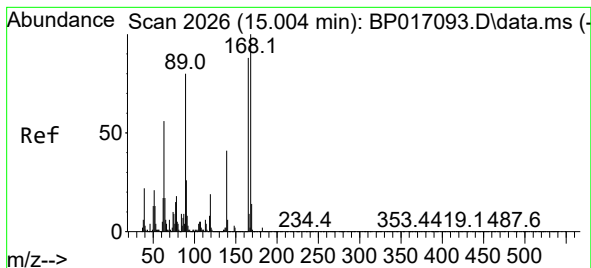
Tgt Ion:109 Resp: 264201
Ion Ratio Lower Upper
109 100
139 121.9 98.6 147.8
65 143.4 117.0 175.4



#56
Dibenzofuran
Concen: 30.384 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:168 Resp: 1813095
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 33.471 ng/ul

RT: 15.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

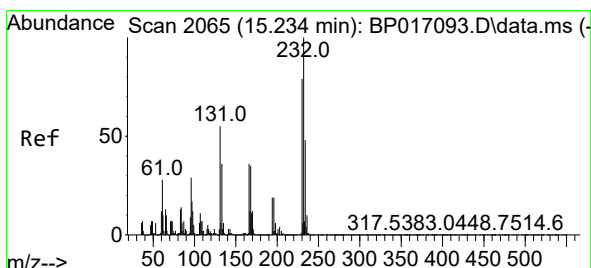
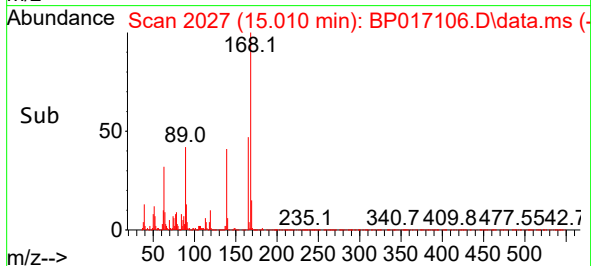
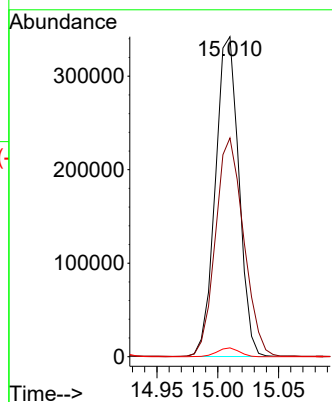
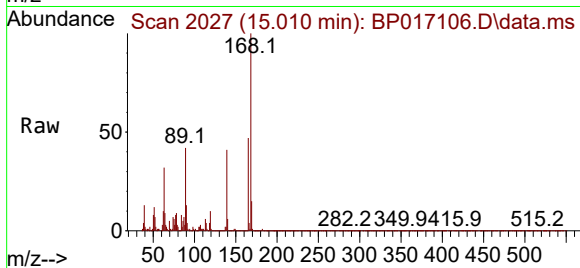
Tgt Ion:165 Resp: 459099

Ion Ratio Lower Upper

165 100

63 68.4 57.7 86.5

182 2.8 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.536 ng/ul

RT: 15.234 min Scan# 2065

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Tgt Ion:232 Resp: 285694

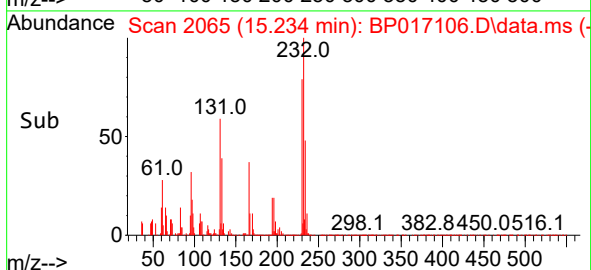
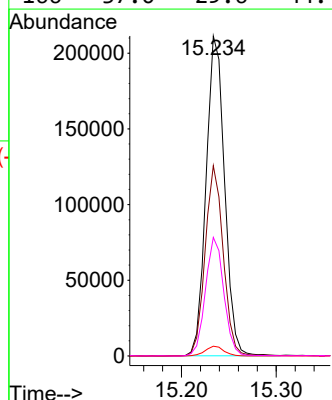
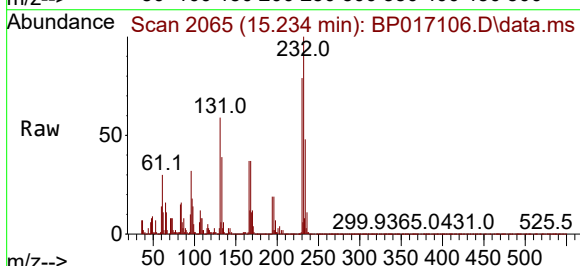
Ion Ratio Lower Upper

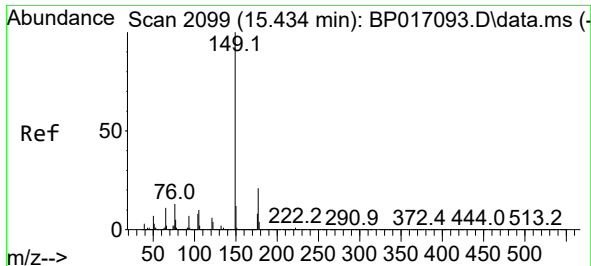
232 100

131 59.4 46.9 70.3

130 3.0 2.4 3.6

166 37.0 29.6 44.4

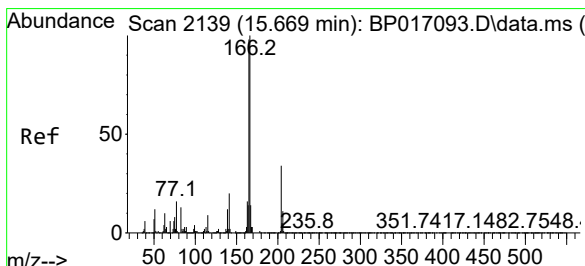
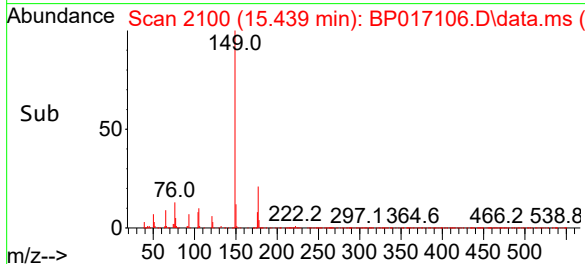
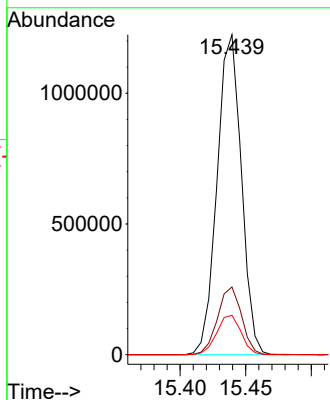
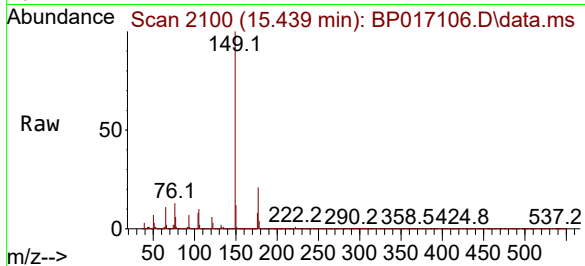




#59
Diethylphthalate
Concen: 31.393 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

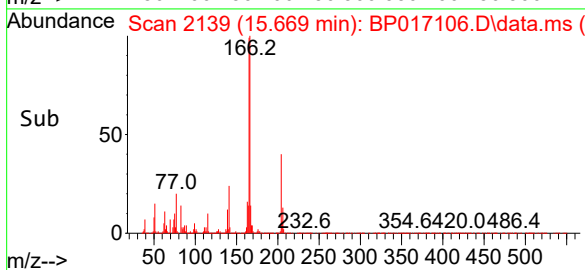
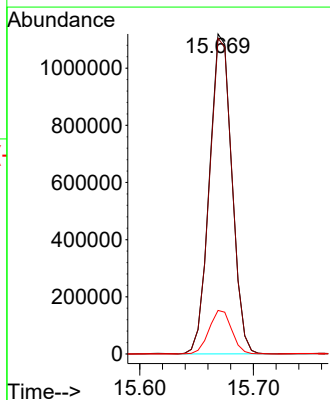
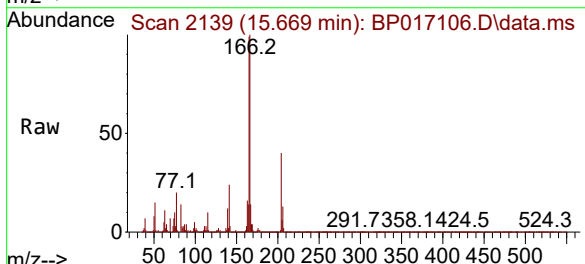
Instrument :
BNA_P
ClientSampleId :
SLCS068

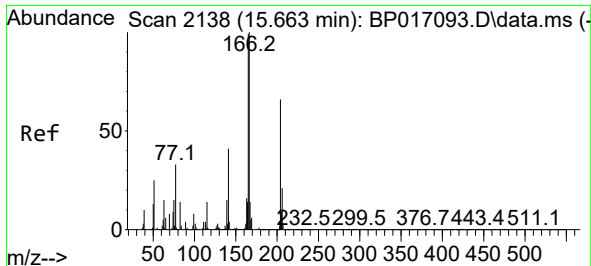
Tgt Ion:149 Resp: 1575925
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.0
150 12.3 9.5 14.3



#61
Fluorene
Concen: 30.874 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:166 Resp: 1537669
Ion Ratio Lower Upper
166 100
165 98.7 78.8 118.2
167 13.6 10.9 16.3

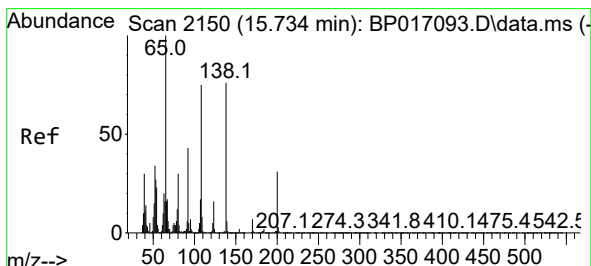
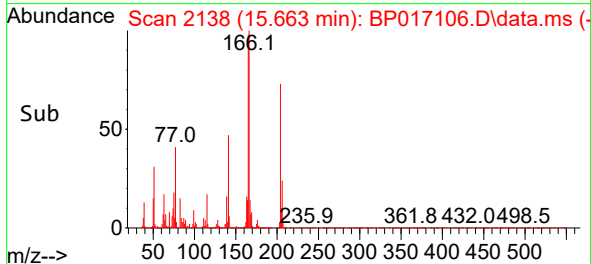
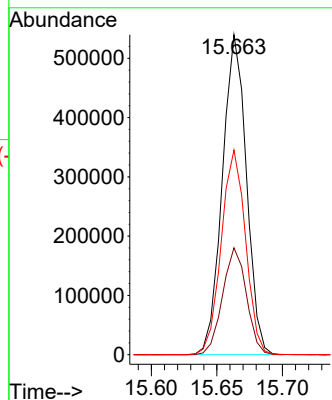
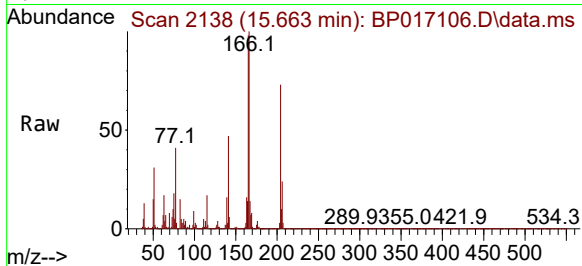




#62
4-Chlorophenyl-phenylether
Concen: 29.869 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

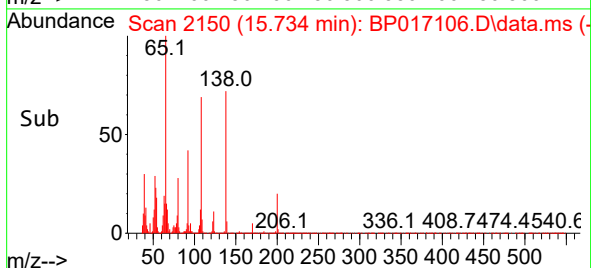
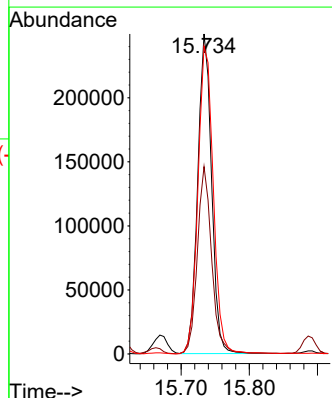
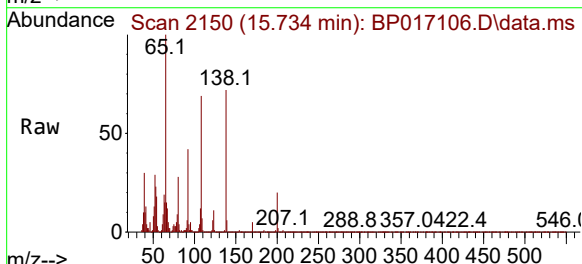
Instrument :
BNA_P
ClientSampleId :
SLCS068

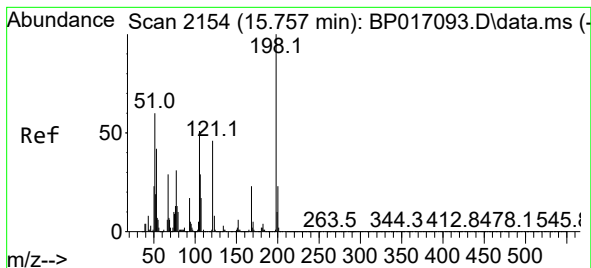
Tgt Ion:204 Resp: 688502
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 64.0 50.6 76.0



#63
4-Nitroaniline
Concen: 35.886 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:138 Resp: 352409
Ion Ratio Lower Upper
138 100
92 58.5 45.0 67.6
108 96.2 77.2 115.8

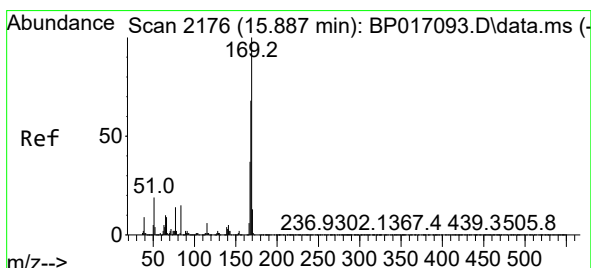
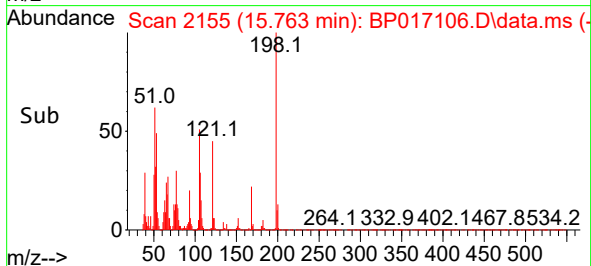
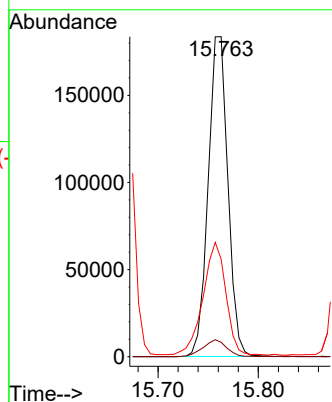
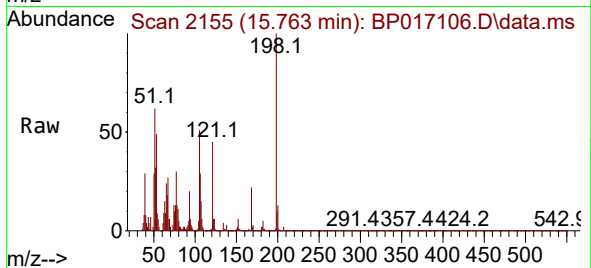




#66
4,6-Dinitro-2-methylphenol
Concen: 27.599 ng/ul
RT: 15.763 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

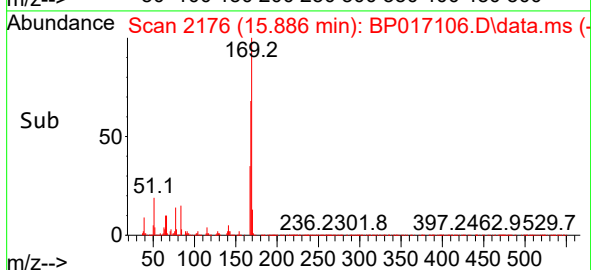
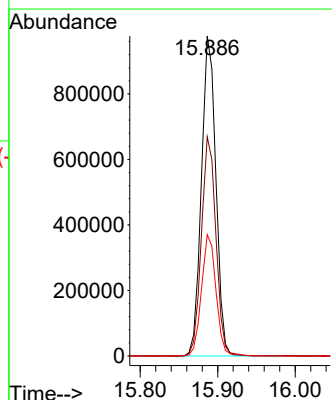
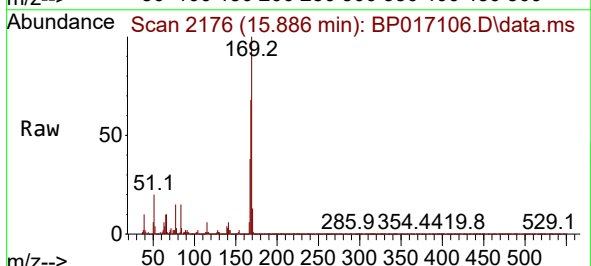
Instrument :
BNA_P
ClientSampleId :
SLCS068

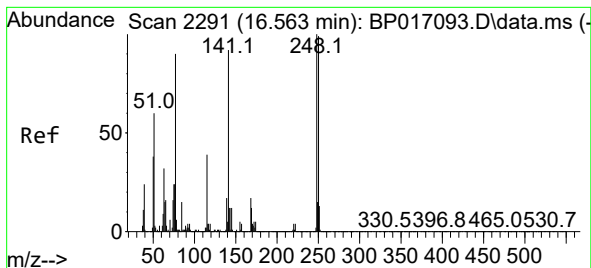
Tgt Ion:198 Resp: 251242
Ion Ratio Lower Upper
198 100
182 4.5 4.7 7.1#
77 30.5 29.6 44.4



#67
N-Nitrosodiphenylamine
Concen: 31.002 ng/ul
RT: 15.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:169 Resp: 1263384
Ion Ratio Lower Upper
169 100
168 68.5 54.5 81.7
167 37.9 30.4 45.6

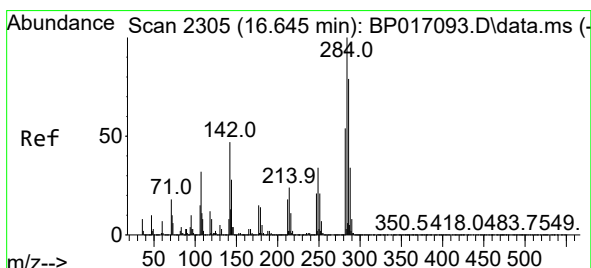
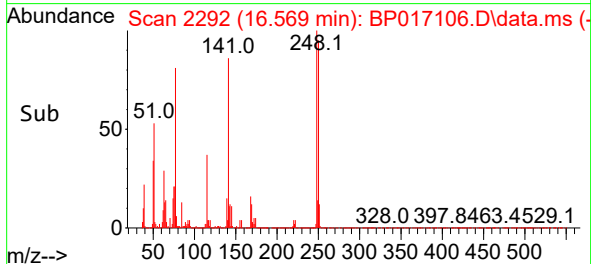
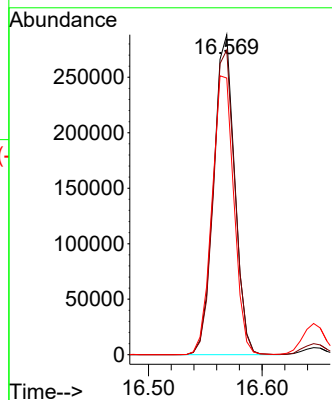
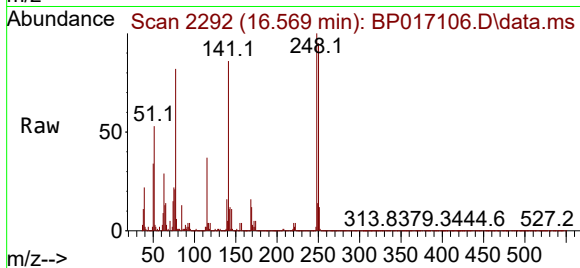




#68
4-Bromophenyl-phenylether
Concen: 29.988 ng/ul
RT: 16.569 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

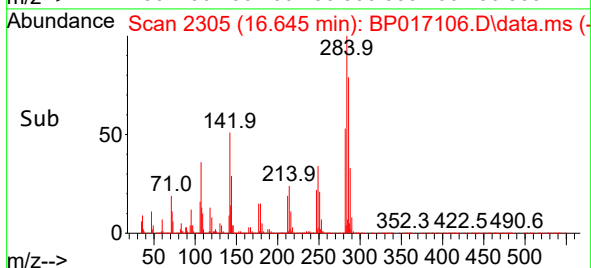
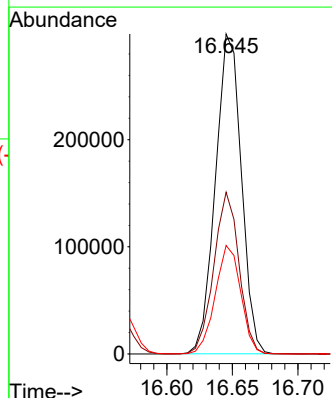
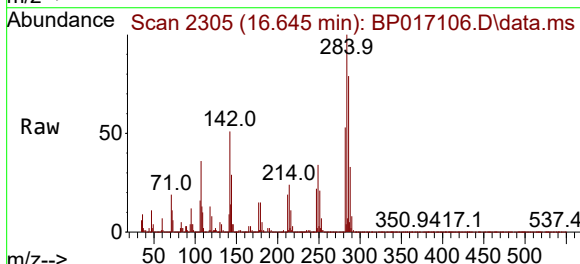
Instrument :
BNA_P
ClientSampleId :
SLCS068

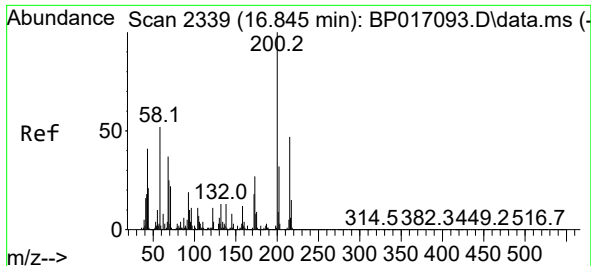
Tgt Ion:248 Resp: 371575
Ion Ratio Lower Upper
248 100
250 95.2 78.9 118.3
141 86.4 67.9 101.9



#69
Hexachlorobenzene
Concen: 29.710 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:284 Resp: 409619
Ion Ratio Lower Upper
284 100
142 50.6 38.9 58.3
249 33.9 26.1 39.1

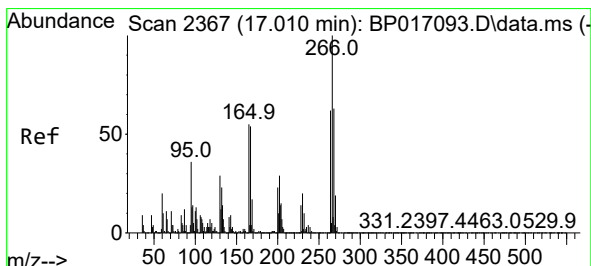
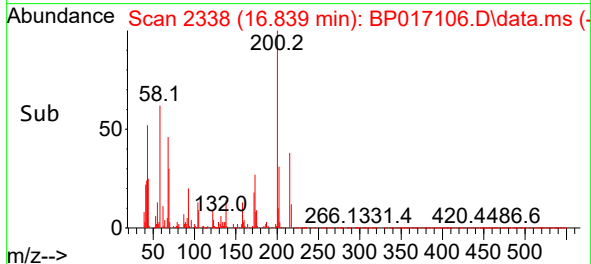
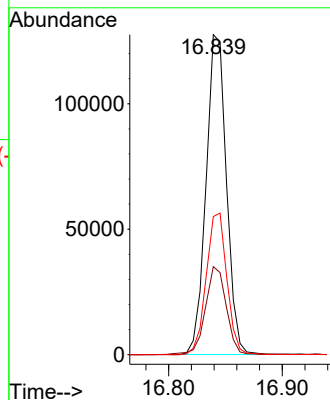
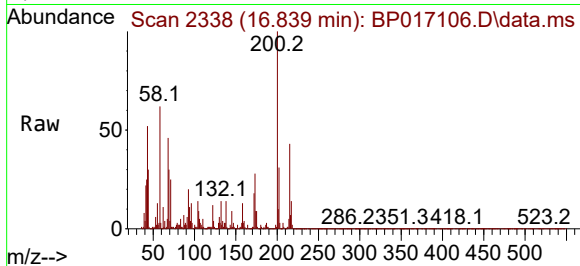




#70
Atrazine
Concen: 11.288 ng/ul
RT: 16.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

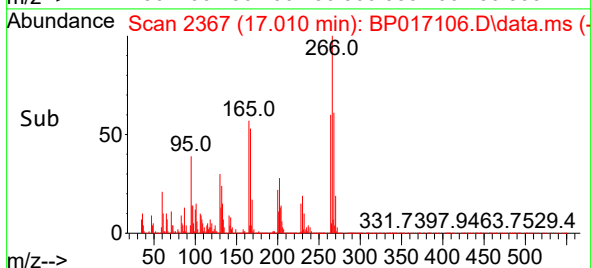
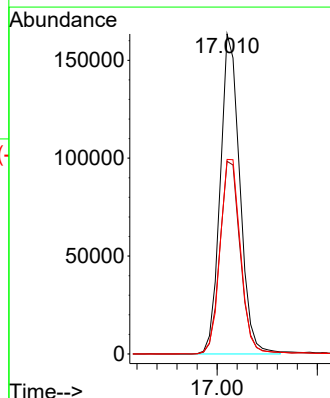
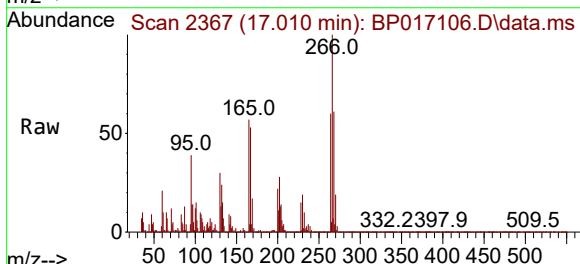
Instrument :
BNA_P
ClientSampleId :
SLCS068

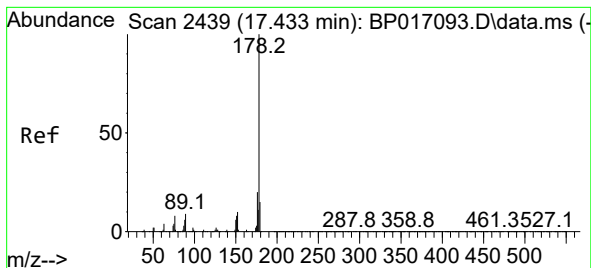
Tgt Ion:200 Resp: 159148
Ion Ratio Lower Upper
200 100
173 27.5 21.0 31.4
215 43.1 35.9 53.9



#71
Pentachlorophenol
Concen: 23.625 ng/ul
RT: 17.010 min Scan# 2367
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:266 Resp: 221448
Ion Ratio Lower Upper
266 100
264 60.2 49.8 74.8
268 60.8 50.9 76.3





#72

Phenanthrene

Concen: 31.000 ng/ul

RT: 17.433 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

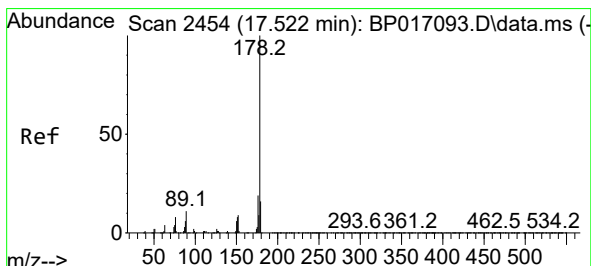
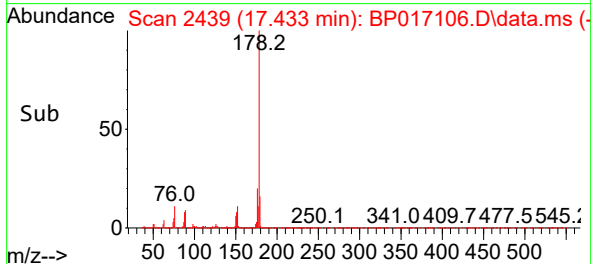
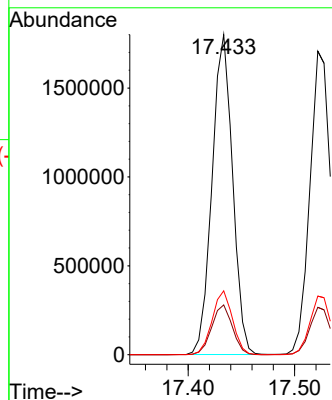
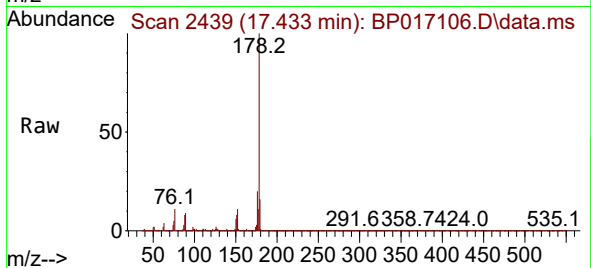
Tgt Ion:178 Resp: 2406704

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.9 15.8 23.8



#74

Anthracene

Concen: 29.928 ng/ul

RT: 17.522 min Scan# 2454

Delta R.T. -0.006 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

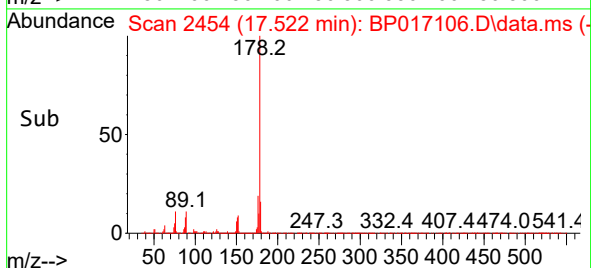
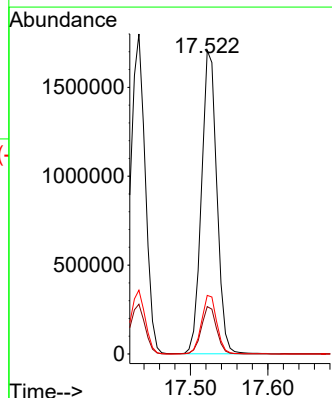
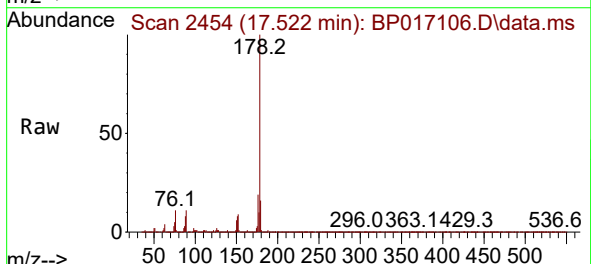
Tgt Ion:178 Resp: 2349085

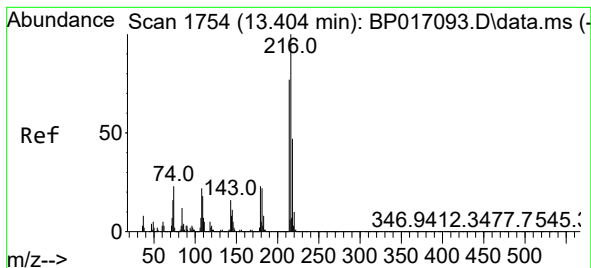
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.3 15.4 23.2

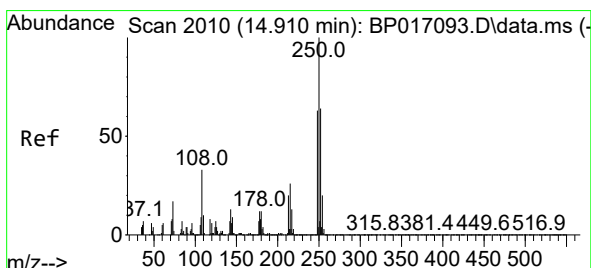
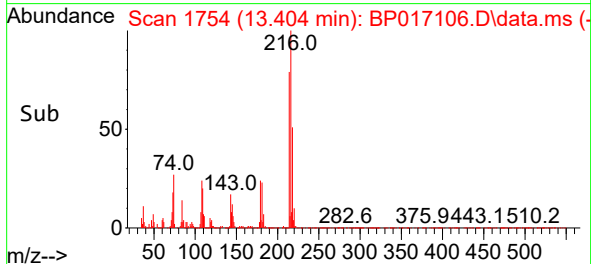
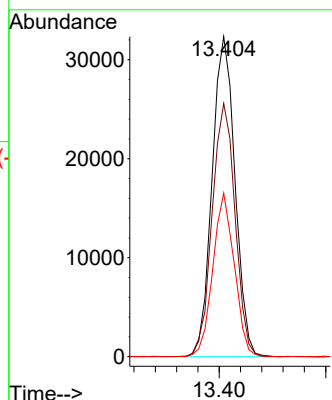
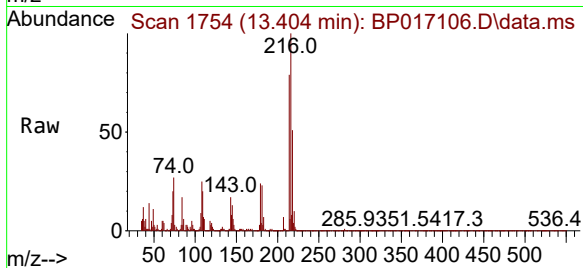




#75
1,2,3,4-Tetrachlorobenzene
Concen: 2.560 ng/uL
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

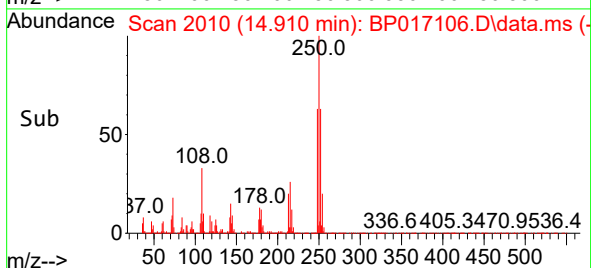
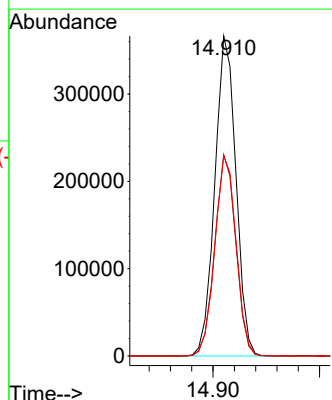
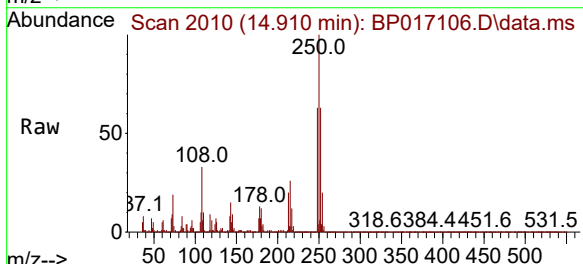
Instrument :
BNA_P
ClientSampleId :
SLCS068

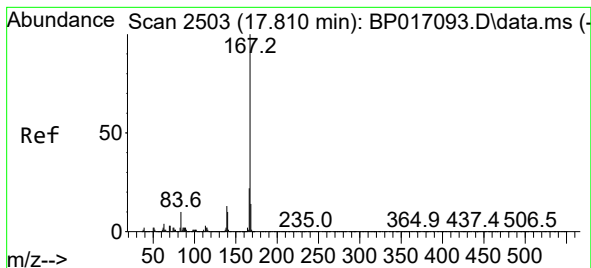
Tgt Ion:216 Resp: 48201
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.6
218 51.1 38.1 57.1



#76
Pentachlorobenzene
Concen: 31.055 ng/uL
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:250 Resp: 503802
Ion Ratio Lower Upper
250 100
248 62.8 49.9 74.9
252 62.6 51.4 77.0





#77

Carbazole

Concen: 31.782 ng/ul

RT: 17.810 min Scan# 2503

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

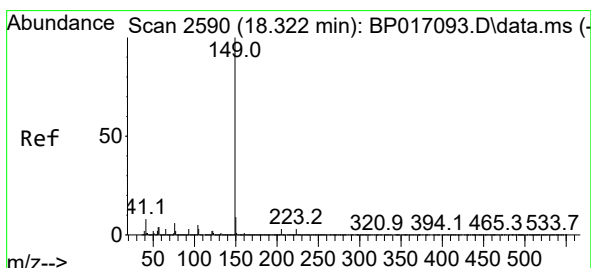
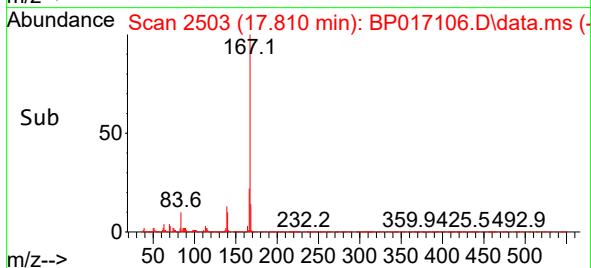
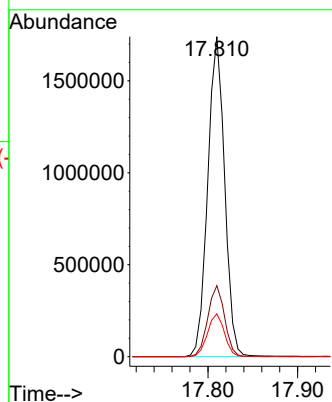
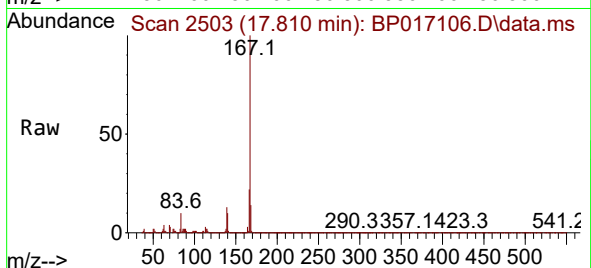
Tgt Ion:167 Resp: 2273694

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

139 13.4 10.8 16.2



#78

Di-n-butylphthalate

Concen: 32.707 ng/ul

RT: 18.322 min Scan# 2590

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

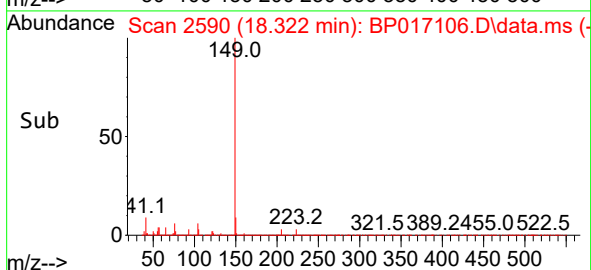
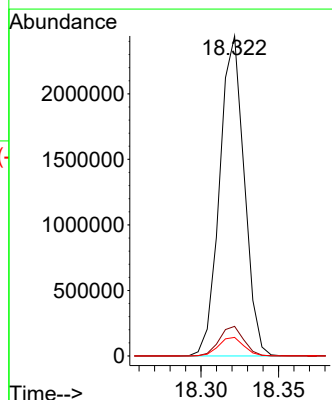
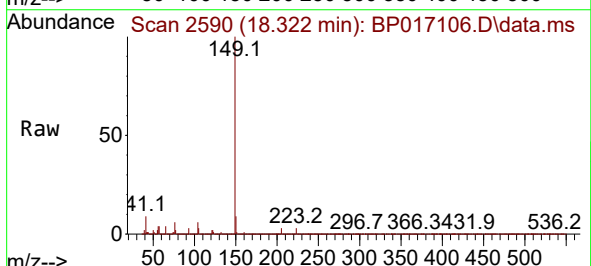
Tgt Ion:149 Resp: 2697892

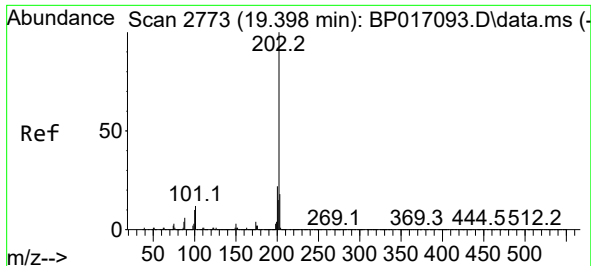
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.8 4.7 7.1

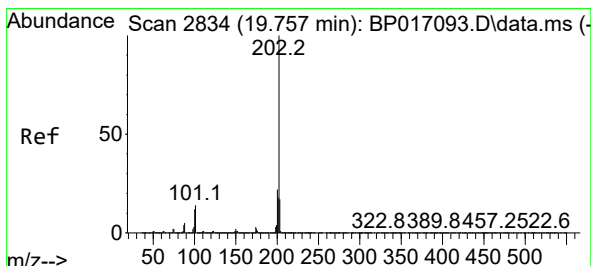
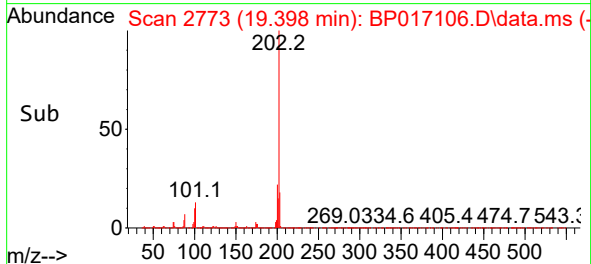
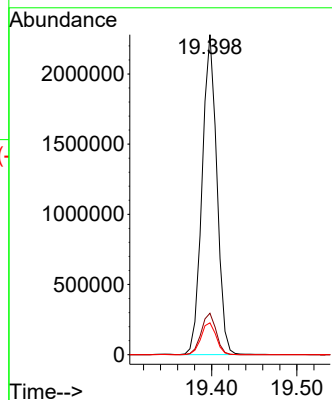
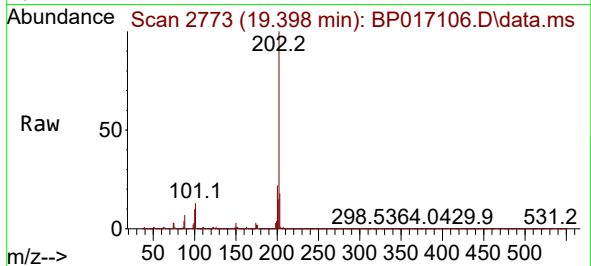




#80
Fluoranthene
Concen: 31.410 ng/ul
RT: 19.398 min Scan# 2773
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

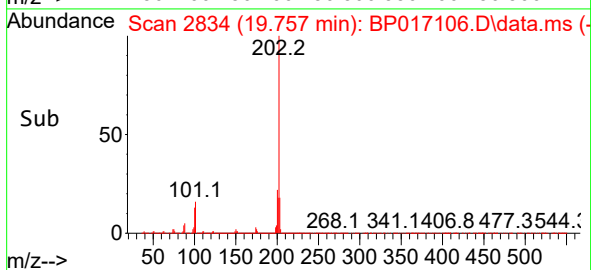
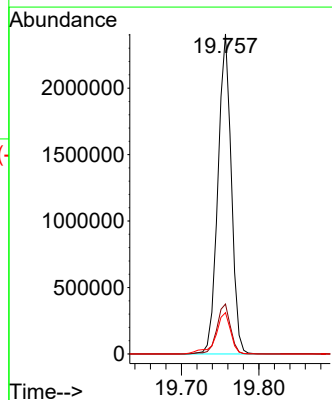
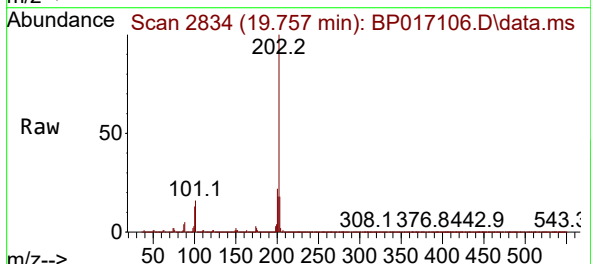
Instrument :
BNA_P
ClientSampleId :
SLCS068

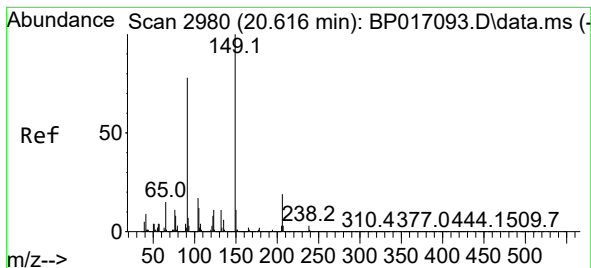
Tgt Ion:202 Resp: 2736180
Ion Ratio Lower Upper
202 100
101 13.0 9.9 14.9
100 10.0 7.8 11.8



#82
Pyrene
Concen: 31.088 ng/ul
RT: 19.757 min Scan# 2834
Delta R.T. 0.000 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:202 Resp: 2892503
Ion Ratio Lower Upper
202 100
101 15.6 11.9 17.9
100 12.9 9.8 14.6





#83

Butylbenzylphthalate

Concen: 33.068 ng/ul

RT: 20.616 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

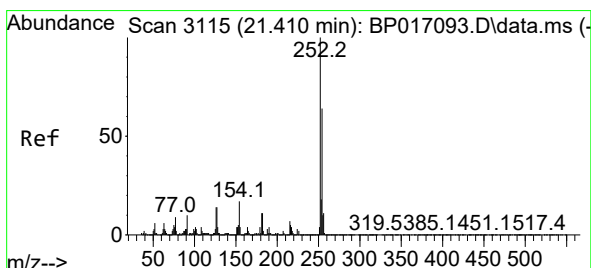
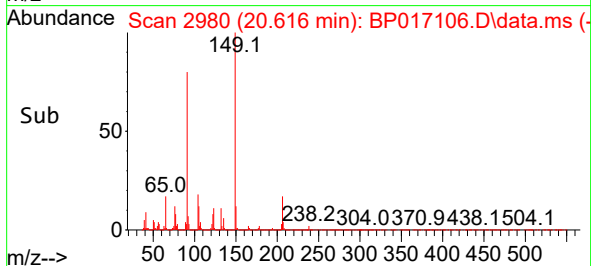
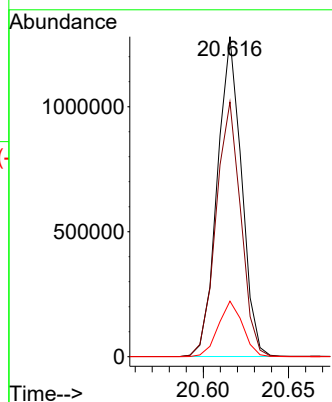
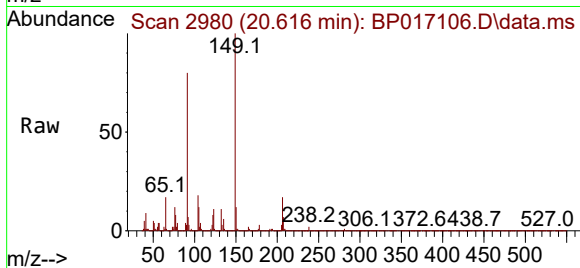
Tgt Ion:149 Resp: 1265872

Ion Ratio Lower Upper

149 100

91 79.6 64.6 96.8

206 17.3 14.6 22.0



#84

3,3'-Dichlorobenzidine

Concen: 30.422 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

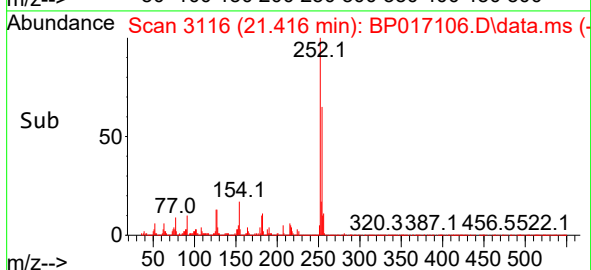
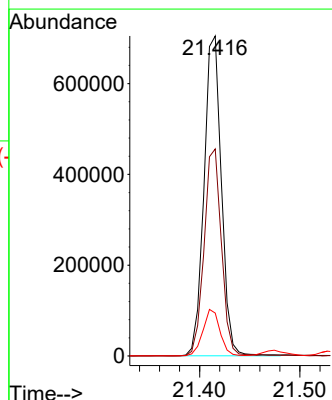
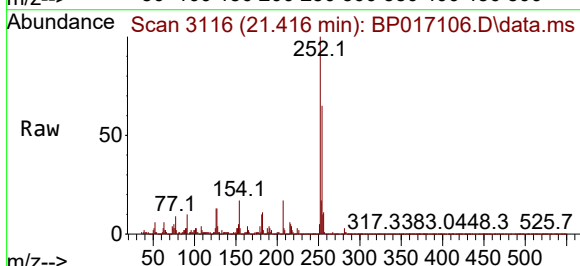
Tgt Ion:252 Resp: 851925

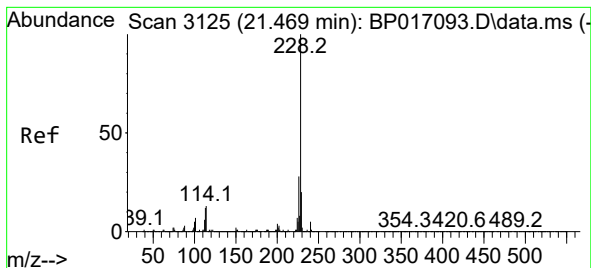
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 13.4 11.5 17.3





#85

Benzo(a)anthracene

Concen: 30.780 ng/ul

RT: 21.474 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

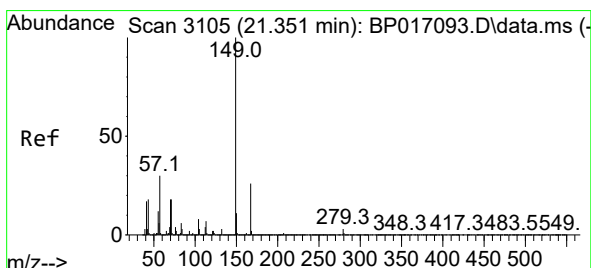
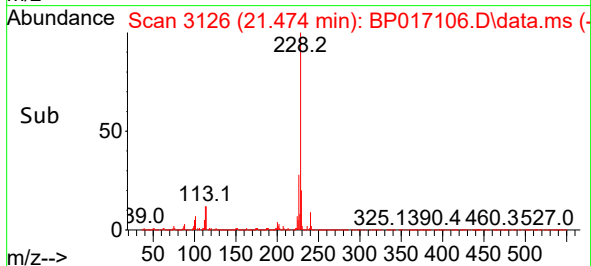
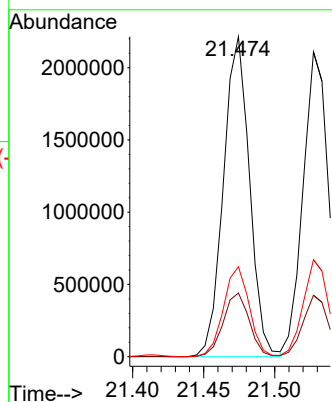
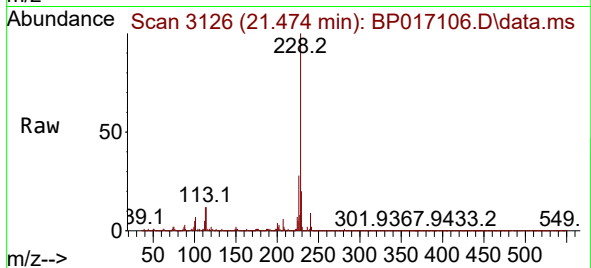
Tgt Ion:228 Resp: 2829540

Ion Ratio Lower Upper

228 100

229 19.9 16.0 24.0

226 28.1 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.080 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

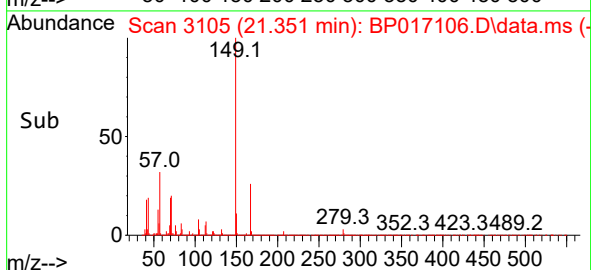
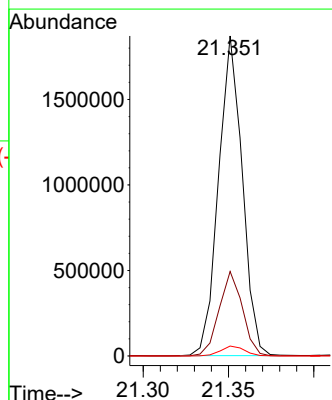
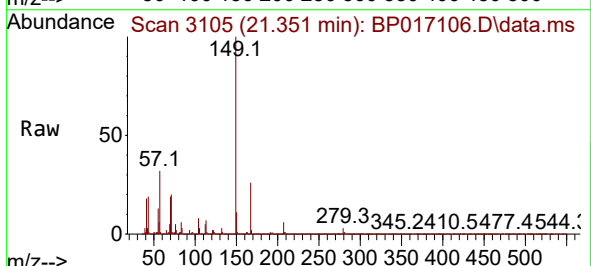
Tgt Ion:149 Resp: 1812312

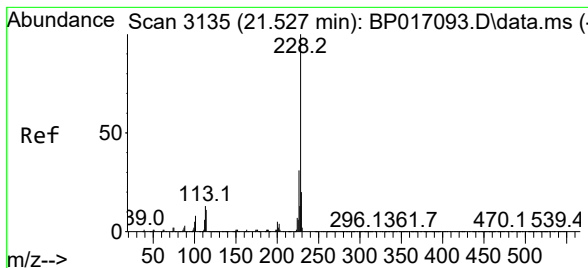
Ion Ratio Lower Upper

149 100

167 26.4 20.8 31.2

279 3.1 2.6 3.8





#87

Chrysene

Concen: 31.040 ng/ul

RT: 21.527 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

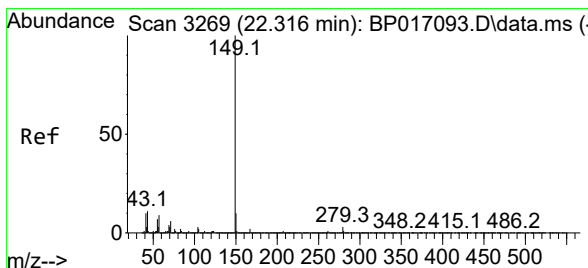
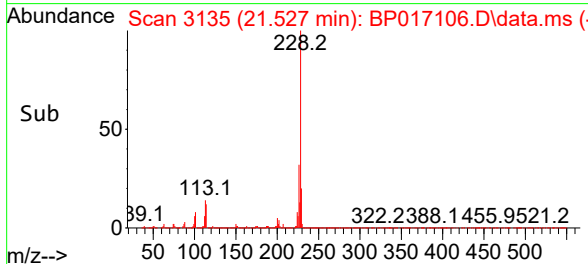
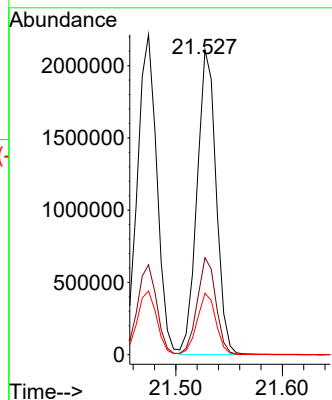
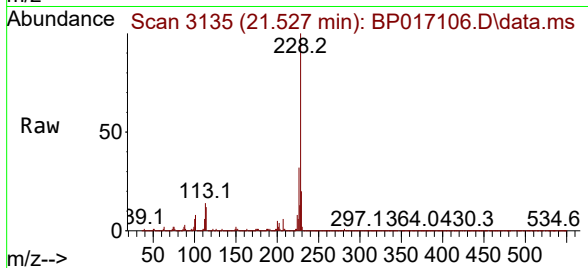
Tgt Ion:228 Resp: 2616807

Ion Ratio Lower Upper

228 100

226 31.8 24.6 36.8

229 20.1 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 29.655 ng/ul

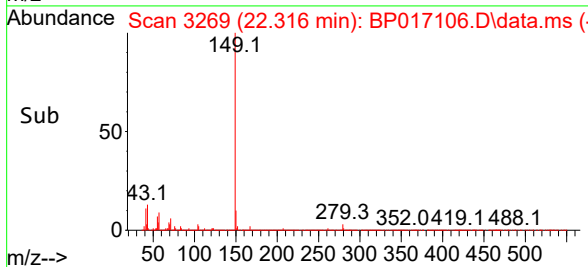
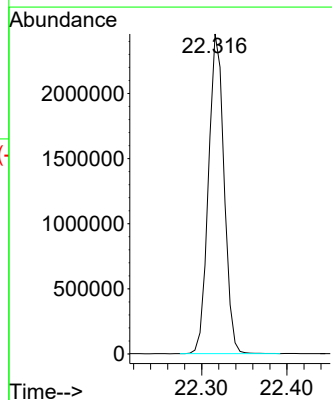
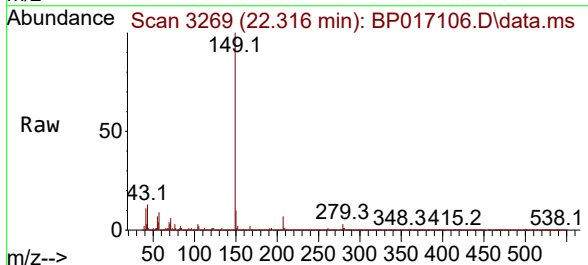
RT: 22.316 min Scan# 3269

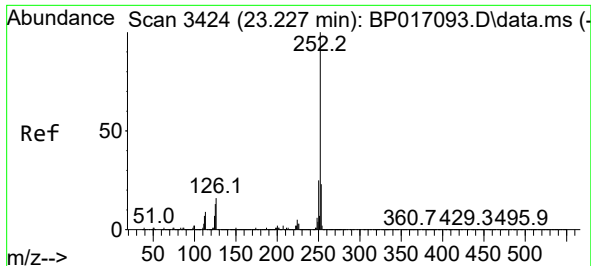
Delta R.T. 0.000 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Tgt Ion:149 Resp: 3124982

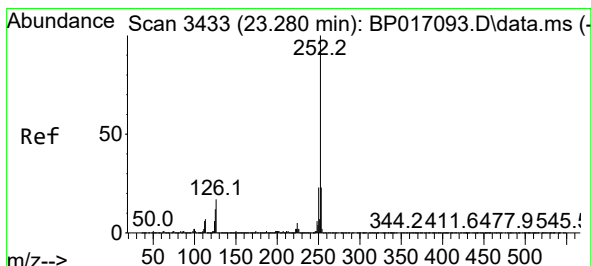
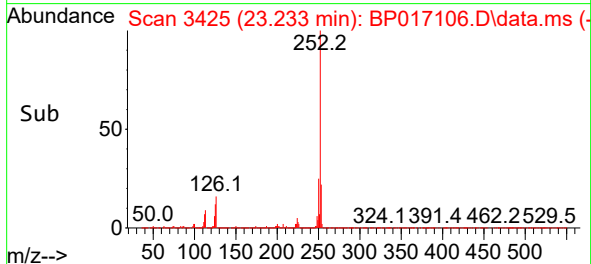
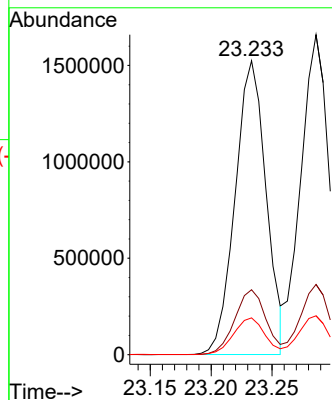
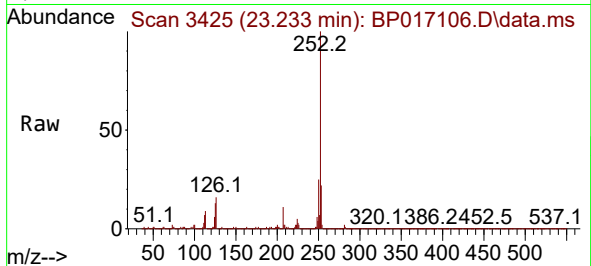




#90
Benzo(b)fluoranthene
Concen: 31.246 ng/ul
RT: 23.233 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

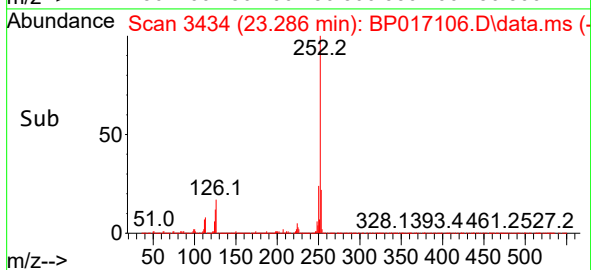
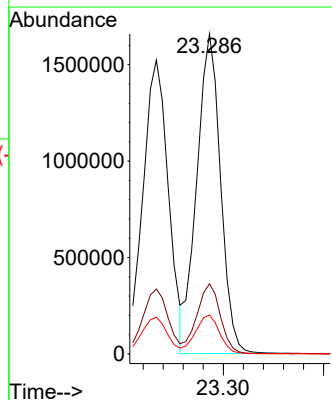
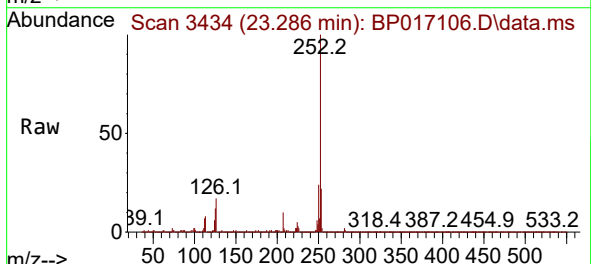
Instrument :
BNA_P
ClientSampleId :
SLCS068

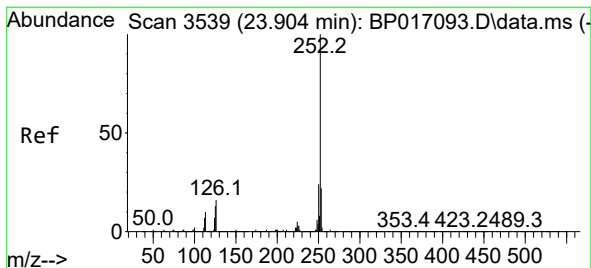
Tgt Ion:252 Resp: 2696214
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.5 10.3 15.5



#91
Benzo(k)fluoranthene
Concen: 31.461 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BP017106.D
Acq: 11 Sep 2023 15:57

Tgt Ion:252 Resp: 2729636
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.1 10.0 15.0





#93

Benzo(a)pyrene

Concen: 29.985 ng/ul

RT: 23.910 min Scan# 3540

Delta R.T. 0.006 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

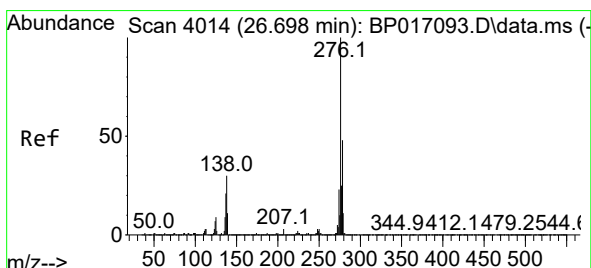
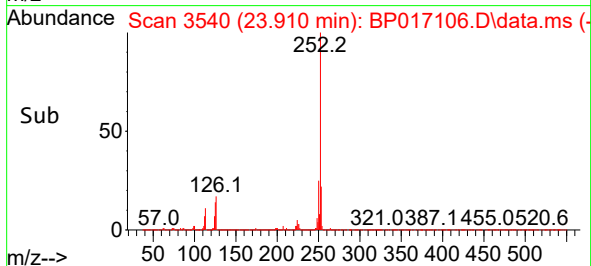
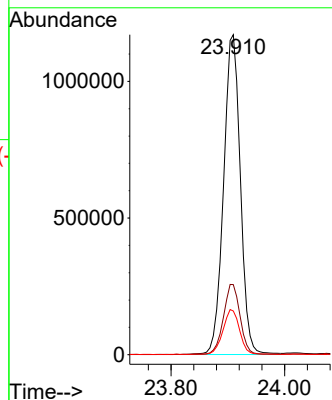
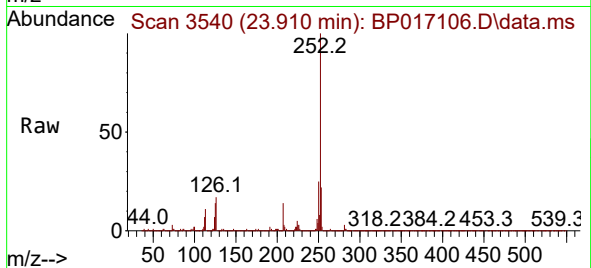
Tgt Ion:252 Resp: 2405214

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 13.6 11.3 16.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.991 ng/ul

RT: 26.704 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

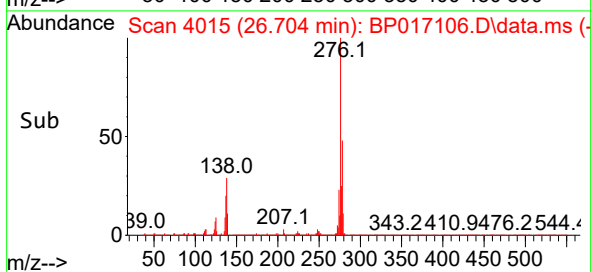
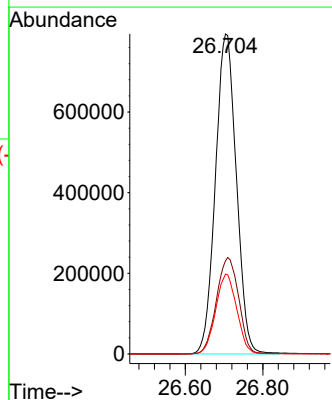
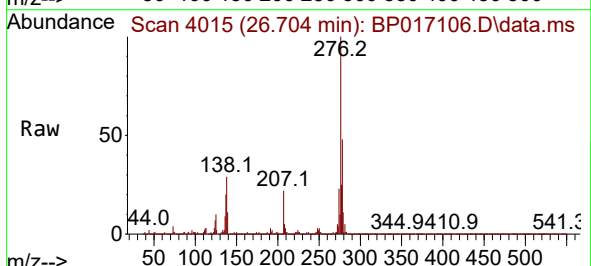
Tgt Ion:276 Resp: 2972538

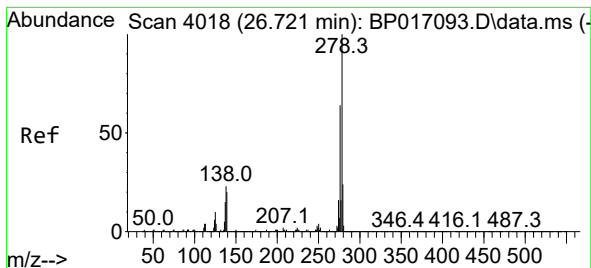
Ion Ratio Lower Upper

276 100

138 29.1 23.4 35.2

277 24.9 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 33.181 ng/ul

RT: 26.727 min Scan# 4018

Delta R.T. 0.006 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Instrument :

BNA_P

ClientSampleId :

SLCS068

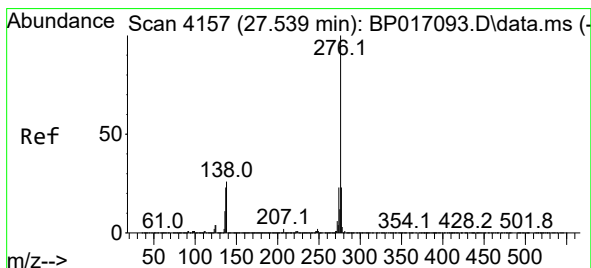
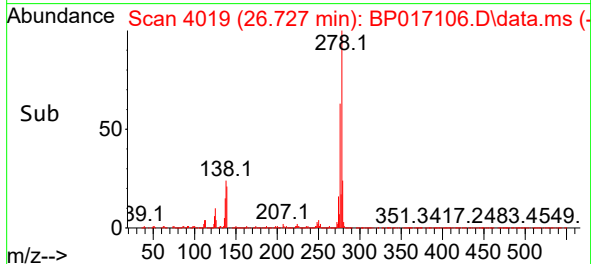
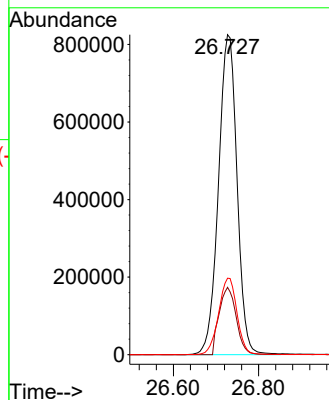
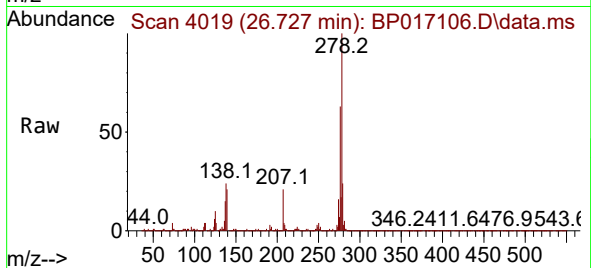
Tgt Ion:278 Resp: 2492628

Ion Ratio Lower Upper

278 100

139 21.0 16.5 24.7

279 23.9 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 33.558 ng/ul

RT: 27.545 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BP017106.D

Acq: 11 Sep 2023 15:57

Tgt Ion:276 Resp: 2304429

Ion Ratio Lower Upper

276 100

138 27.7 22.0 33.0

277 23.9 18.7 28.1

