

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
 Data File : BP014708.D
 Acq On : 13 Apr 2023 12:11
 Operator : CG/JU
 Sample : PB152086BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS086

Quant Time: Apr 14 00:55:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 13 02:01:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	85317	20.000	ng/ul	0.00
20) Naphthalene-d8	10.786	136	344940	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	204567	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	430239	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	460933	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	520566	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	14321	6.509	ng/uL	0.00
4) Pyridine-d5	3.793	84	161427	28.632	ng/ul	0.00
7) Phenol-d5	7.140	99	246291	31.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	171062	33.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	186427	32.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	190456	30.008	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	89336	32.082	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	101429	31.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	179553	30.920	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	131339	17.170	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	525721	31.695	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	609049	33.092	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	77684	31.002	ng/ul	0.00
60) Fluorene-d10	15.621	176	451404	32.635	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	100788	31.837	ng/ul	0.00
73) Anthracene-d10	17.486	188	706789	33.945	ng/ul	0.00
81) Pyrene-d10	19.721	212	851752	27.511	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	939091	33.954	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	34996	14.475	ng/uL#	82
5) Pyridine	3.810	79	207881	35.234	ng/ul	93
6) Benzaldehyde	7.116	77	72494	18.536	ng/ul	98
8) Phenol	7.163	94	265570	32.536	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.392	93	213876	32.606	ng/ul	95
12) 2-Chlorophenol	7.534	128	198416	33.521	ng/ul	91
13) 2-Methylphenol	8.422	108	190622	31.315	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.498	45	319234	37.068	ng/ul	98
16) Acetophenone	8.810	105	330879	31.571	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.787	70	186667	32.969	ng/ul	91
18) 4-Methylphenol	8.757	108	208739	31.224	ng/ul	99
19) Hexachloroethane	9.051	117	90334	34.928	ng/ul	91
22) Nitrobenzene	9.192	77	276929	34.617	ng/ul	97
23) Isophorone	9.716	82	478504	32.449	ng/ul	99
25) 2-Nitrophenol	9.904	139	107555	31.957	ng/ul	90
26) 2,4-Dimethylphenol	9.963	107	247114	32.804	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.198	93	282700	31.976	ng/ul	98
29) 2,4-Dichlorophenol	10.445	162	184306	32.250	ng/ul	97
30) Naphthalene	10.839	128	627901	32.680	ng/ul	99
32) 4-Chloroaniline	10.969	127	113481	14.648	ng/ul	99
33) Hexachlorobutadiene	11.110	225	142452	31.463	ng/ul	98
34) Caprolactam	11.769	113	23808	14.102	ng/ul	81
35) 4-Chloro-3-methylphenol	12.086	107	220273	31.337	ng/ul	99
36) 2-Methylnaphthalene	12.445	142	410469	31.523	ng/ul	100

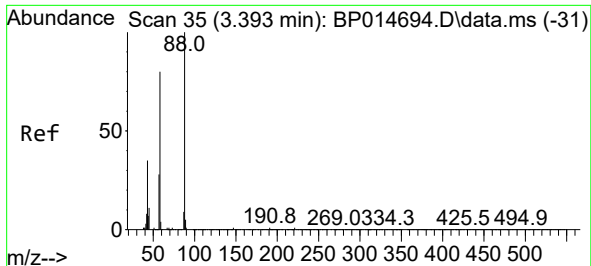
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	419622	32.494	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.816	216	235437	32.280	ng/ul	97
40) Hexachlorocyclopentadiene	12.780	237	132466	28.045	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	145158	32.162	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	155284	32.318	ng/ul	97
43) 1,1'-Biphenyl	13.457	154	553318	33.479	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	437244	33.460	ng/ul	99
45) 2-Nitroaniline	13.722	65	153429	37.913	ng/ul	89
47) Dimethylphthalate	14.080	163	540755	32.607	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	108401	33.456	ng/ul	89
50) Acenaphthylene	14.345	152	671540	34.261	ng/ul	99
51) 3-Nitroaniline	14.551	138	91114	31.389	ng/ul	96
52) Acenaphthene	14.686	153	467755	33.771	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	60931	29.039	ng/ul#	84
55) 4-Nitrophenol	14.863	109	84665	34.235	ng/ul	97
56) Dibenzofuran	15.021	168	648385	33.300	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	159848	34.780	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.257	232	134165	31.068	ng/ul	96
59) Diethylphthalate	15.439	149	550736	33.418	ng/ul	98
61) Fluorene	15.674	166	533241	33.788	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	276842	32.650	ng/ul	97
63) 4-Nitroaniline	15.721	138	88402	37.483	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.769	198	96769	31.542	ng/ul	96
67) N-Nitrosodiphenylamine	15.886	169	444826	33.230	ng/ul	98
68) 4-Bromophenyl-phenylether	16.568	248	165506	30.914	ng/ul	99
69) Hexachlorobenzene	16.680	284	191855	31.198	ng/ul	92
70) Atrazine	16.845	200	16487	3.383	ng/ul	98
71) Pentachlorophenol	17.039	266	104023	29.199	ng/ul	97
72) Phenanthrene	17.427	178	831447	34.736	ng/ul	100
74) Anthracene	17.521	178	845310	35.040	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	235880	31.146	ng/ul	99
76) Pentachlorobenzene	14.939	250	232641	30.786	ng/ul	97
77) Carbazole	17.798	167	735673	36.440	ng/ul	100
78) Di-n-butylphthalate	18.327	149	904768	35.642	ng/ul	99
80) Fluoranthene	19.392	202	1018603	27.825	ng/ul	98
82) Pyrene	19.745	202	1078430	28.217	ng/ul	97
83) Butylbenzylphthalate	20.609	149	447165	33.967	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.392	252	258833	25.391	ng/ul#	99
85) Benzo(a)anthracene	21.462	228	1120035	34.291	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.356	149	654709	36.369	ng/ul	98
87) Chrysene	21.515	228	1068381	34.641	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	1177890	34.867	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1179898	33.560	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1171218	34.300	ng/ul	99
93) Benzo(a)pyrene	23.868	252	1049825	34.691	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.591	276	1414880	33.983	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	1160980	33.306	ng/ul	99
96) Benzo(g,h,i)perylene	27.403	276	1133370	33.396	ng/ul	98

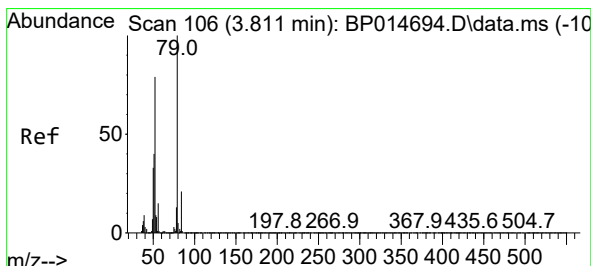
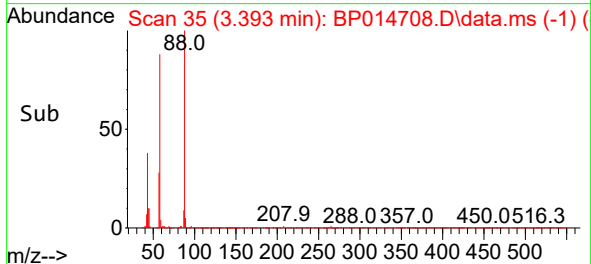
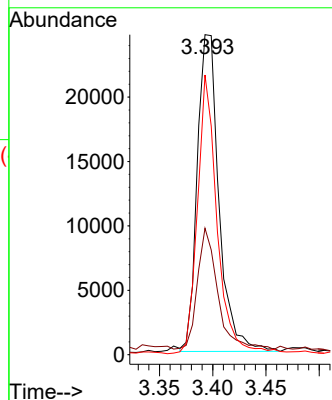
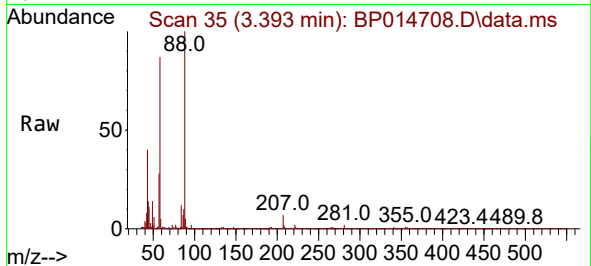
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#2
1,4-Dioxane
Concen: 14.475 ng/uL
RT: 3.393 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP014708.D
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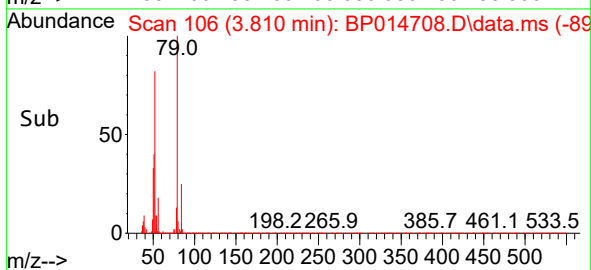
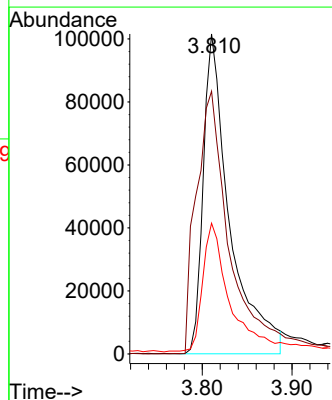
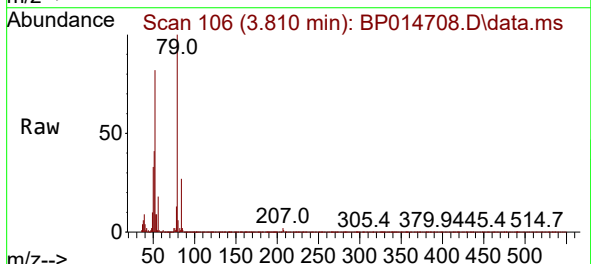
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SLCS086

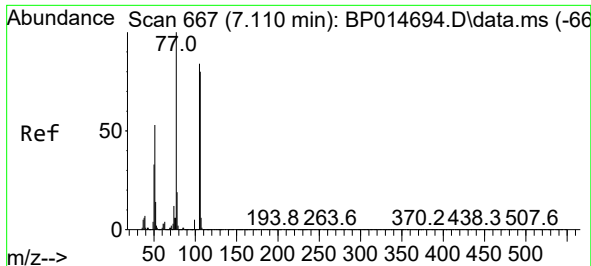
Tgt Ion: 88 Resp: 34996
Ion Ratio Lower Upper
88 100
43 39.5 24.4 36.6#
58 87.4 57.4 86.0#



#5
Pyridine
Concen: 35.234 ng/uL
RT: 3.810 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 79 Resp: 207881
Ion Ratio Lower Upper
79 100
52 82.1 61.4 92.2
51 40.9 28.5 42.7

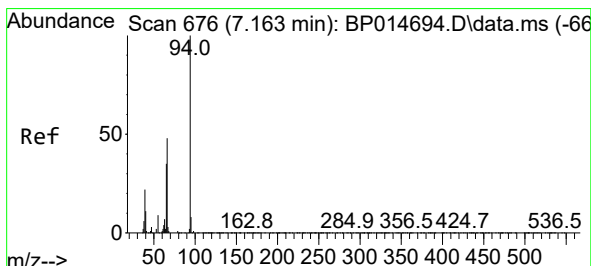
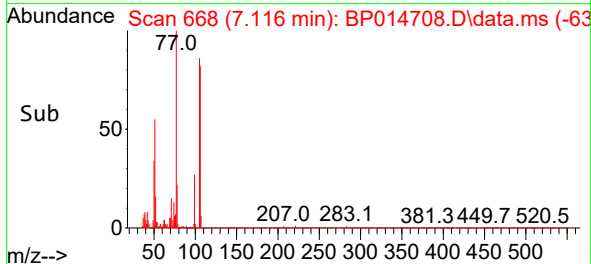
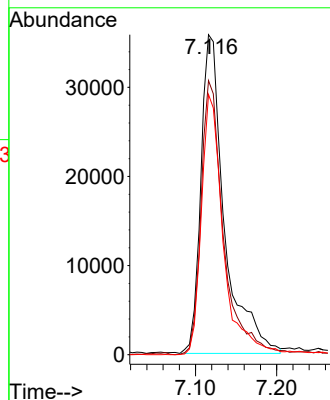
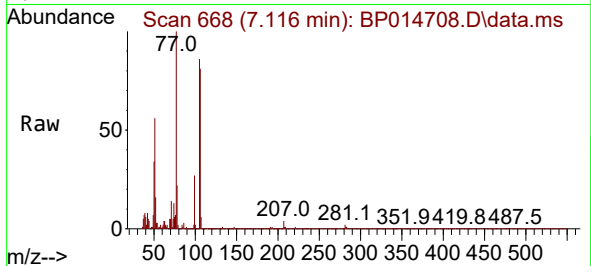




#6
Benzaldehyde
Concen: 18.536 ng/ul
RT: 7.116 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

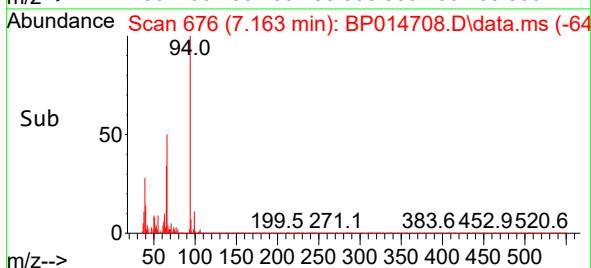
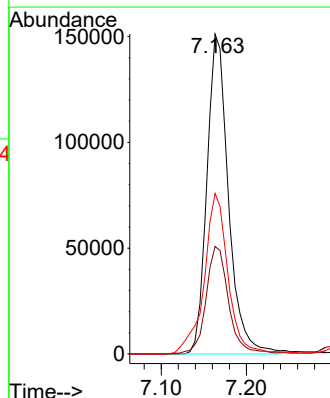
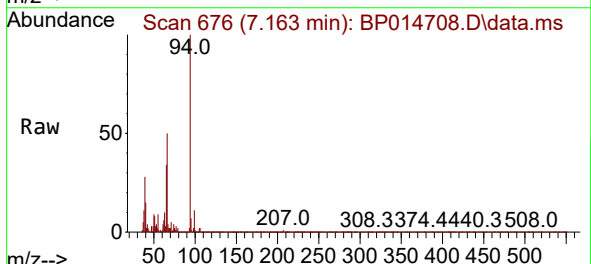
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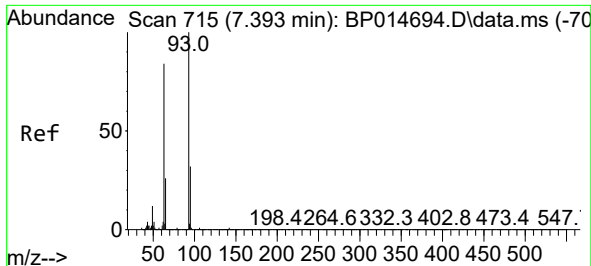
Tgt Ion: 77 Resp: 72494
Ion Ratio Lower Upper
77 100
105 85.7 70.6 105.8
106 81.3 66.5 99.7



#8
Phenol
Concen: 32.536 ng/ul
RT: 7.163 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 94 Resp: 265570
Ion Ratio Lower Upper
94 100
65 33.6 25.2 37.8
66 50.2 36.2 54.4





#10

Bis(2-Chloroethyl)ether

Concen: 32.606 ng/ul

RT: 7.392 min Scan# 715

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

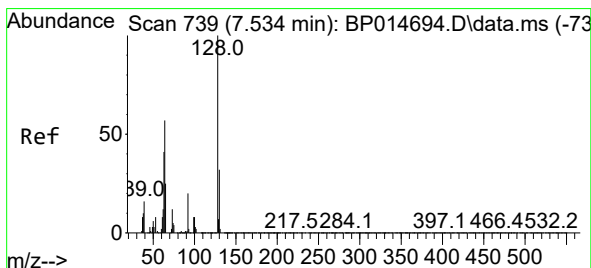
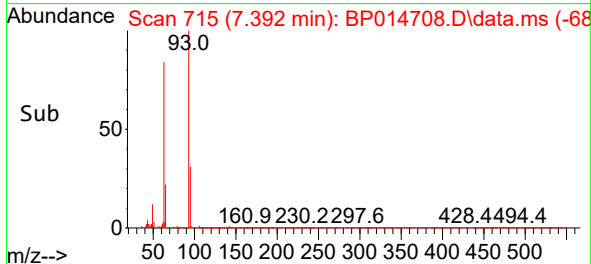
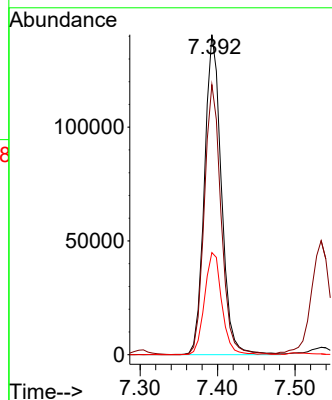
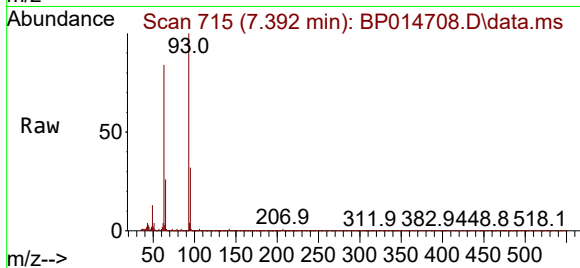
Tgt Ion: 93 Resp: 213876

Ion Ratio Lower Upper

93 100

63 84.4 63.2 94.8

95 31.9 26.0 39.0



#12

2-Chlorophenol

Concen: 33.521 ng/ul

RT: 7.534 min Scan# 739

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

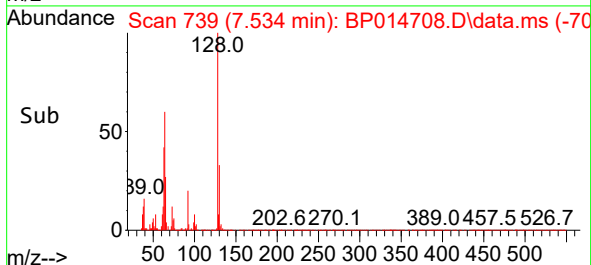
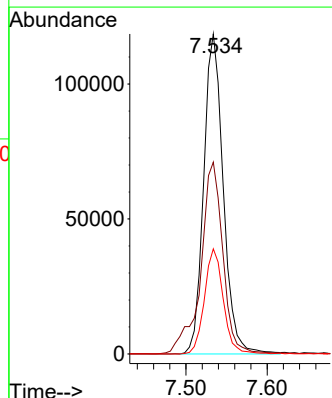
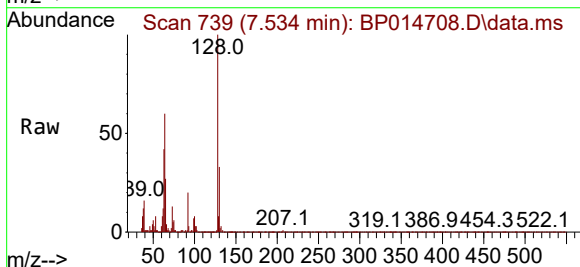
Tgt Ion:128 Resp: 198416

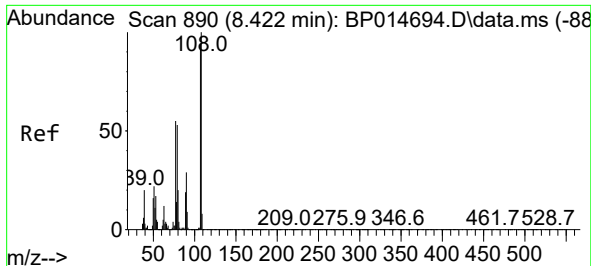
Ion Ratio Lower Upper

128 100

64 59.9 41.4 62.0

130 32.9 24.1 36.1





#13

2-Methylphenol

Concen: 31.315 ng/ul

RT: 8.422 min Scan# 890

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

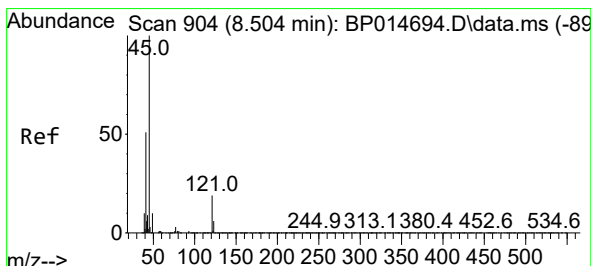
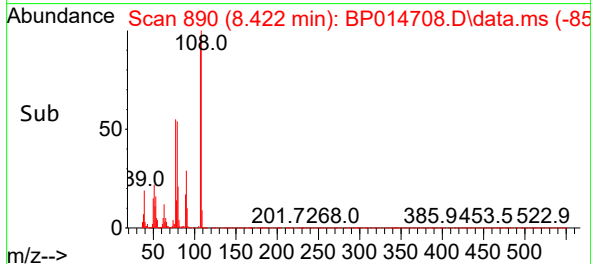
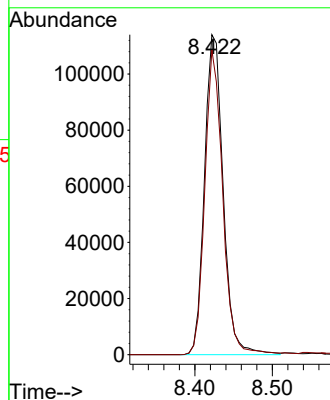
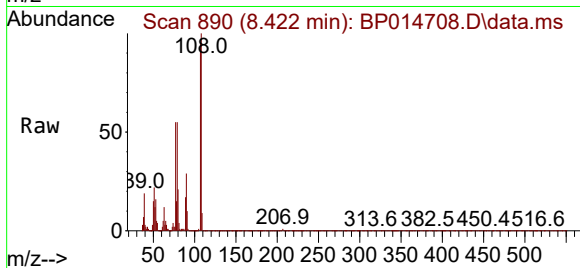
SLCS086

Tgt Ion:108 Resp: 190622

Ion Ratio Lower Upper

108 100

107 95.2 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.068 ng/ul

RT: 8.498 min Scan# 903

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

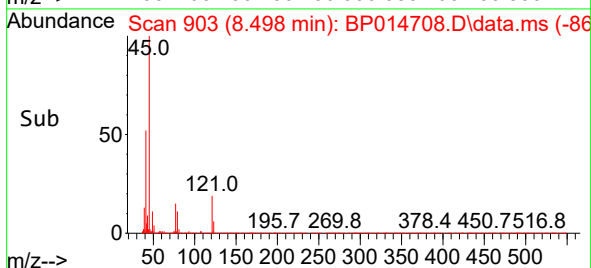
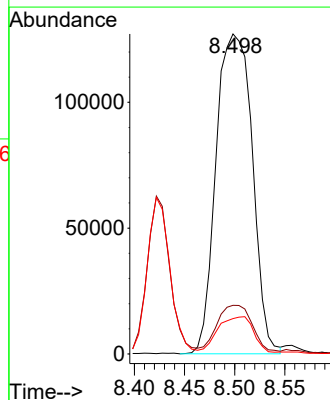
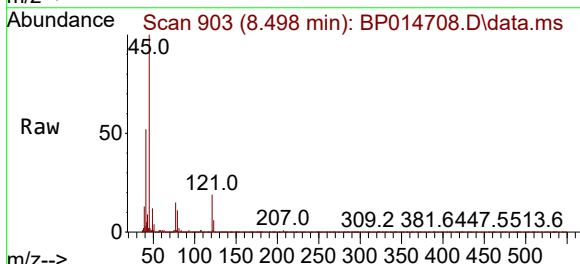
Tgt Ion: 45 Resp: 319234

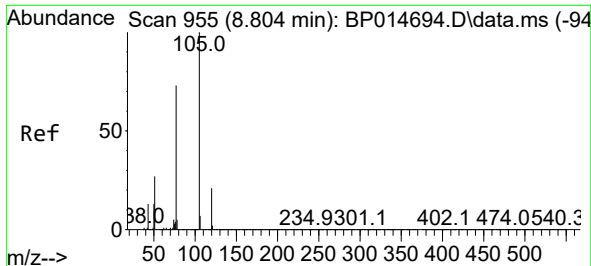
Ion Ratio Lower Upper

45 100

77 15.2 12.8 19.2

79 11.1 9.6 14.4

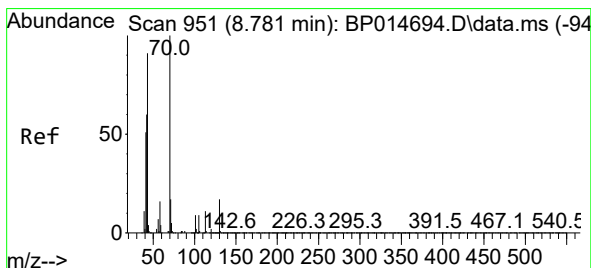
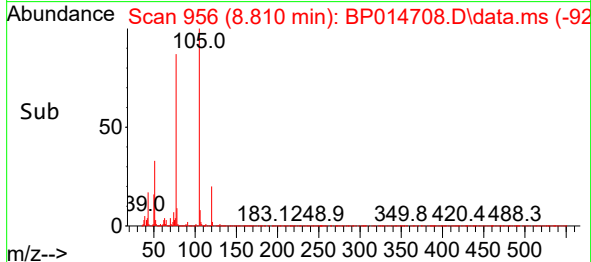
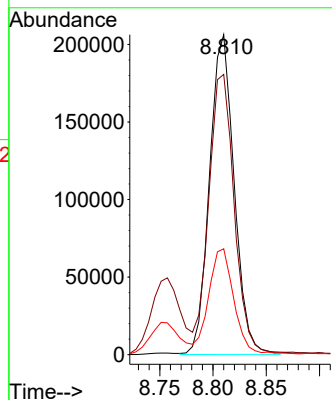
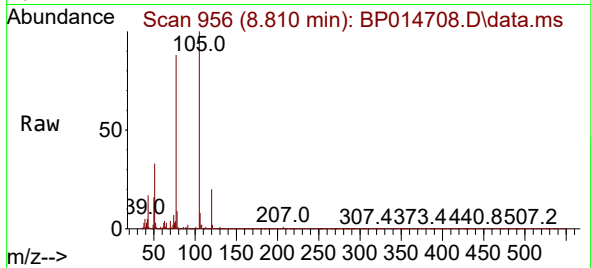




#16
Acetophenone
Concen: 31.571 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

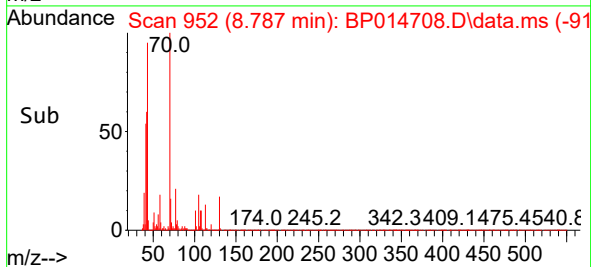
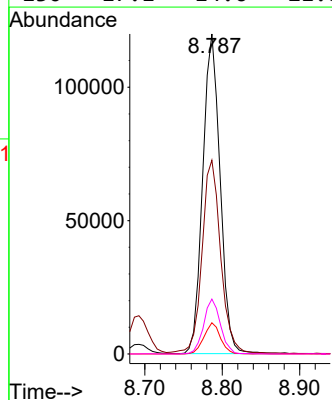
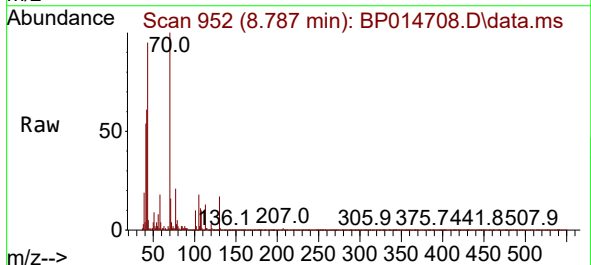
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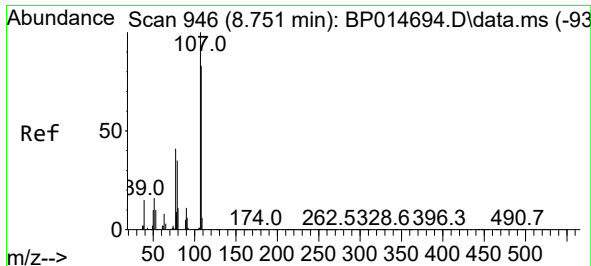
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Ion Ratio Lower Upper
105 100
77 87.6 67.3 100.9
51 33.1 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 32.969 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 70 Resp: 186667
Ion Ratio Lower Upper
70 100
42 60.6 41.1 61.7
101 9.8 7.0 10.6
130 17.1 14.6 21.8

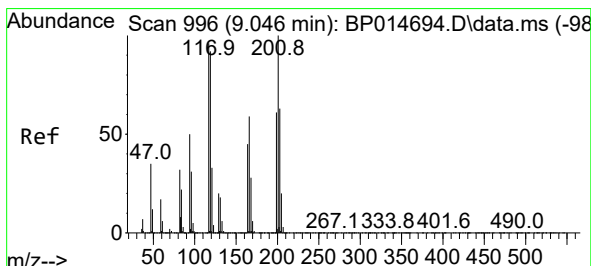
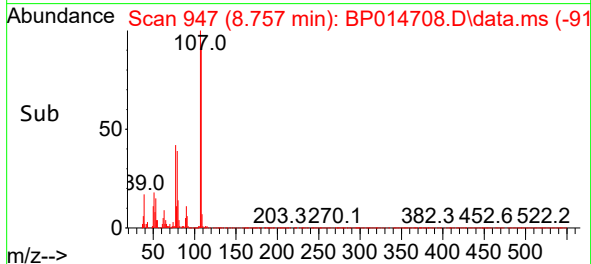
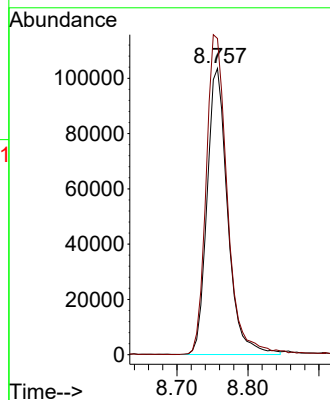
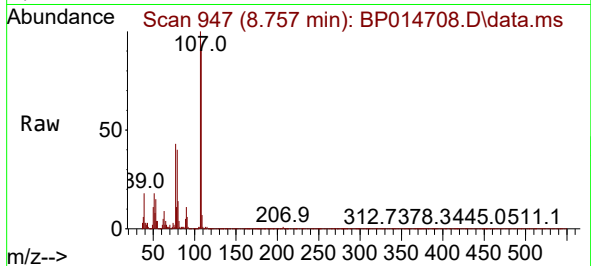




#18
4-Methylphenol
Concen: 31.224 ng/ul
RT: 8.757 min Scan# 946
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

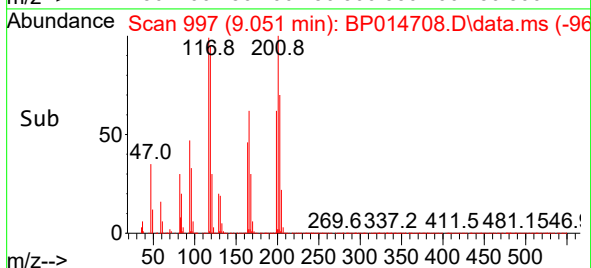
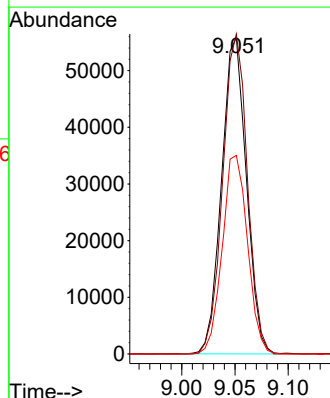
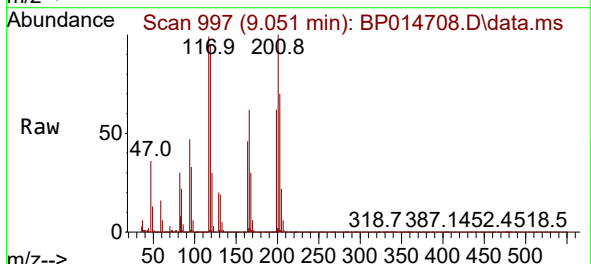
Instrument :
BNA_P
ClientSampleId :
SLCS086

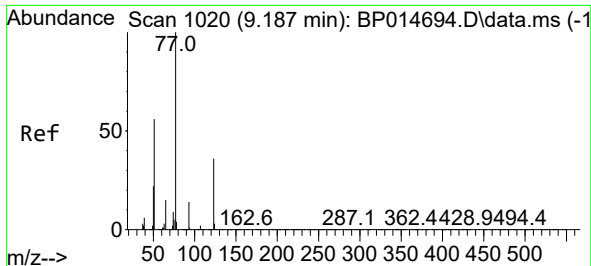
Tgt Ion:108 Resp: 208739
Ion Ratio Lower Upper
108 100
107 110.4 89.0 133.6



#19
Hexachloroethane
Concen: 34.928 ng/ul
RT: 9.051 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:117 Resp: 90334
Ion Ratio Lower Upper
117 100
201 101.2 90.2 135.4
199 62.8 54.2 81.2

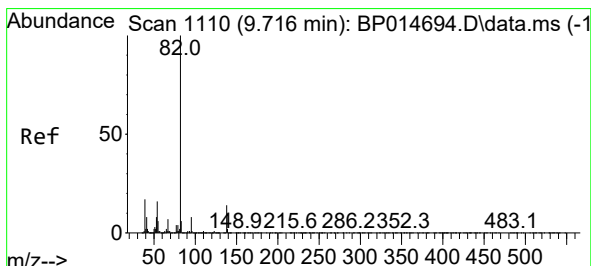
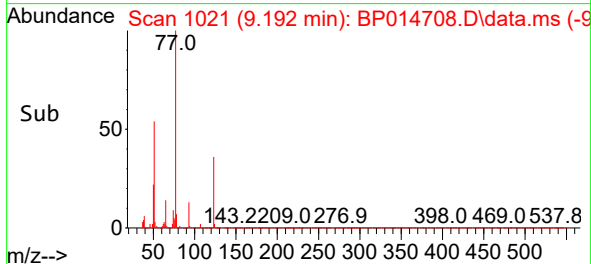
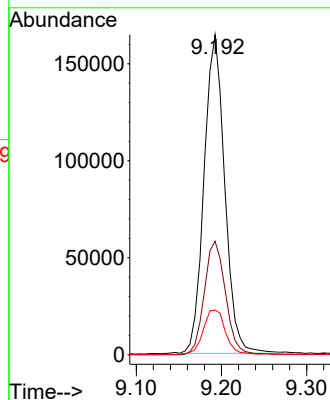
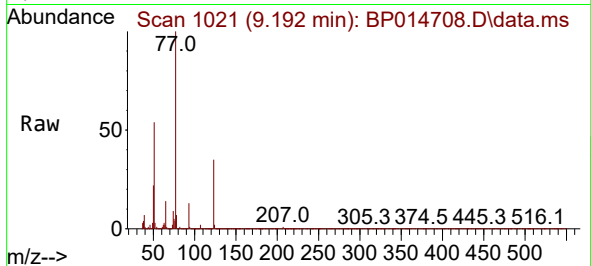




#22
Nitrobenzene
Concen: 34.617 ng/ul
RT: 9.192 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

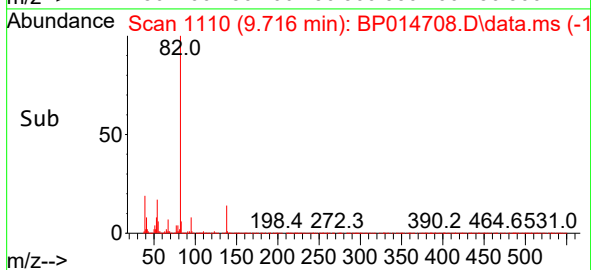
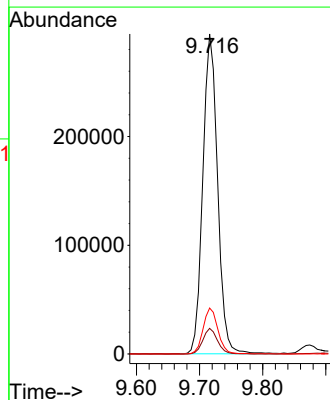
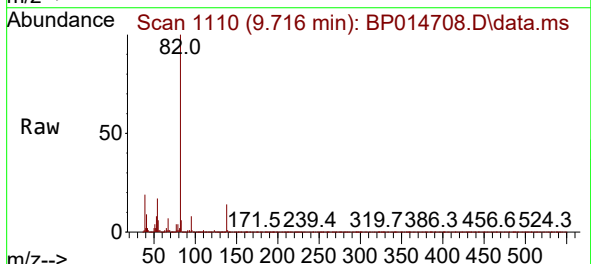
Instrument :
BNA_P
ClientSampleId :
SLCS086

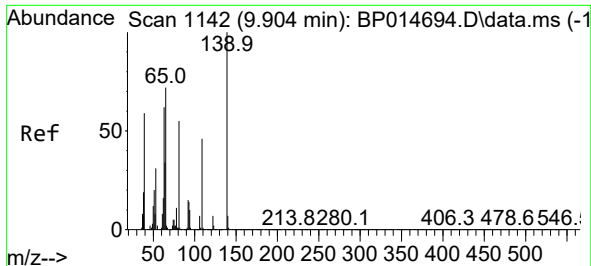
Tgt Ion: 77 Resp: 276929
Ion Ratio Lower Upper
77 100
123 35.5 30.3 45.5
65 13.9 11.0 16.4



#23
Isophorone
Concen: 32.449 ng/ul
RT: 9.716 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 82 Resp: 478504
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 14.3 12.2 18.2

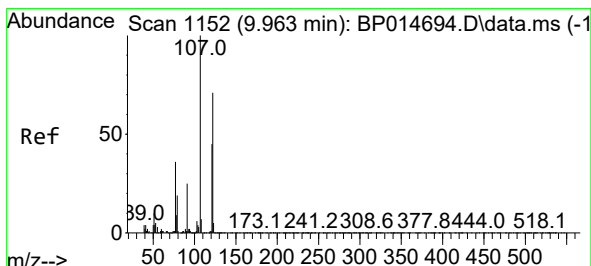
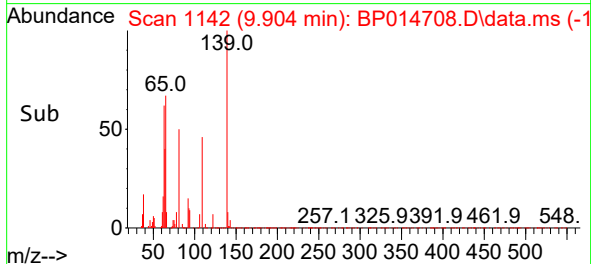
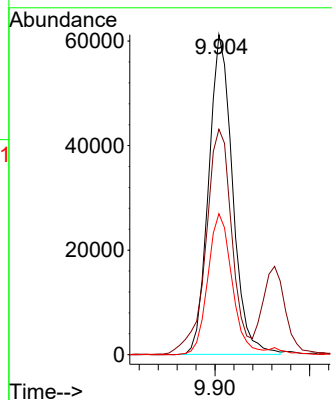
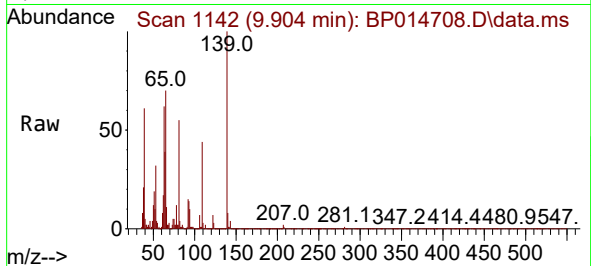




#25
2-Nitrophenol
Concen: 31.957 ng/ul
RT: 9.904 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

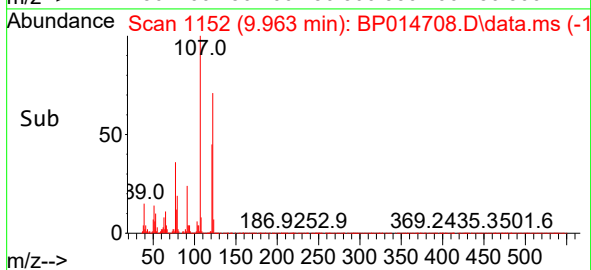
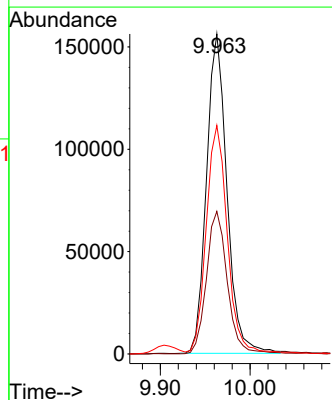
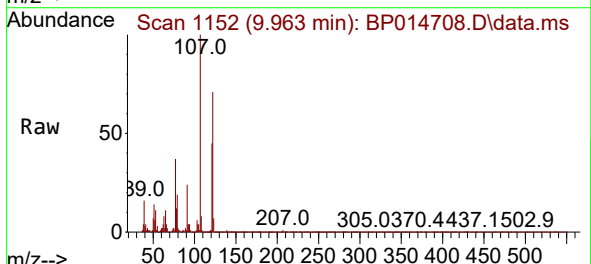
Instrument :
BNA_P
ClientSampleId :
SLCS086

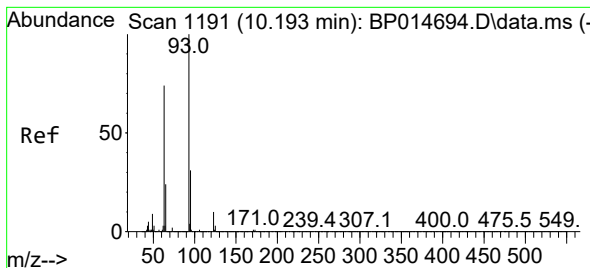
Tgt Ion:139 Resp: 107555
Ion Ratio Lower Upper
139 100
65 70.4 49.7 74.5
109 44.1 31.1 46.7



#26
2,4-Dimethylphenol
Concen: 32.804 ng/ul
RT: 9.963 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:107 Resp: 247114
Ion Ratio Lower Upper
107 100
121 44.6 37.0 55.6
122 71.4 59.8 89.6





#27

Bis(2-Chloroethoxy)methane

Concen: 31.976 ng/ul

RT: 10.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

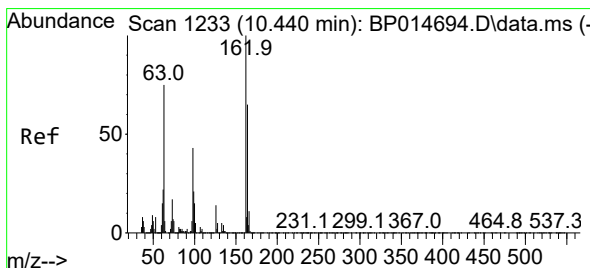
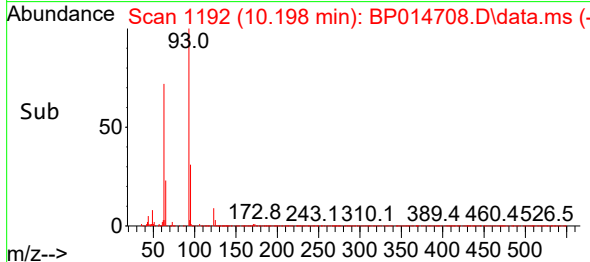
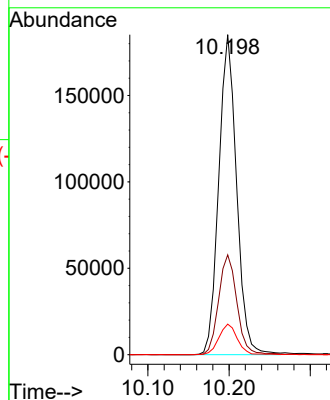
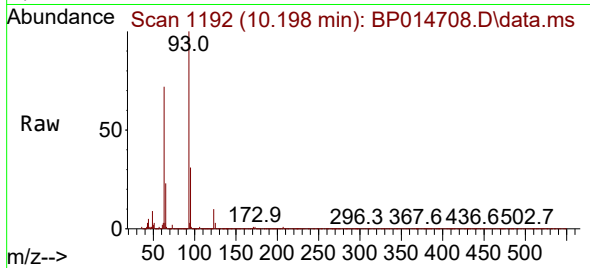
Tgt Ion: 93 Resp: 282700

Ion Ratio Lower Upper

93 100

95 31.2 25.8 38.8

123 9.6 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 32.250 ng/ul

RT: 10.445 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

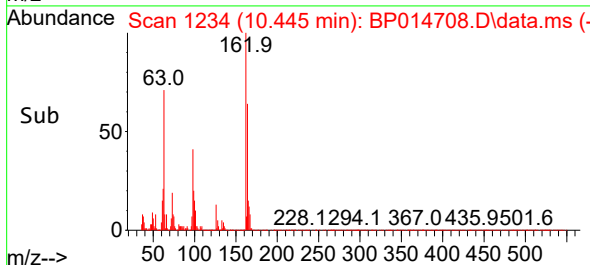
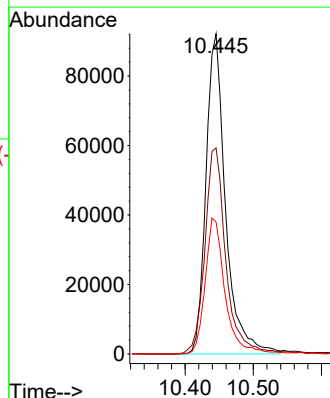
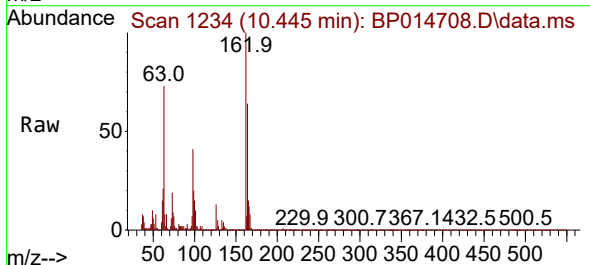
Tgt Ion:162 Resp: 184306

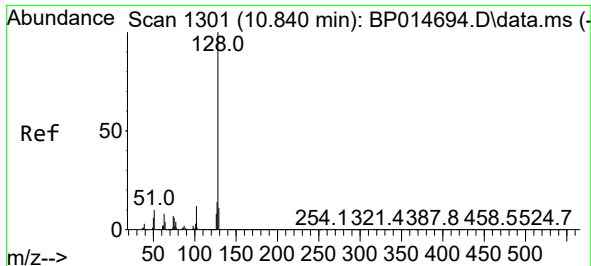
Ion Ratio Lower Upper

162 100

164 64.4 50.1 75.1

98 41.2 30.6 45.8

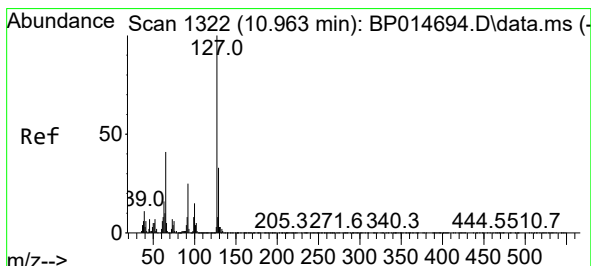
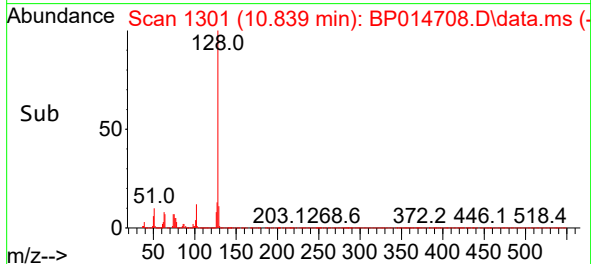
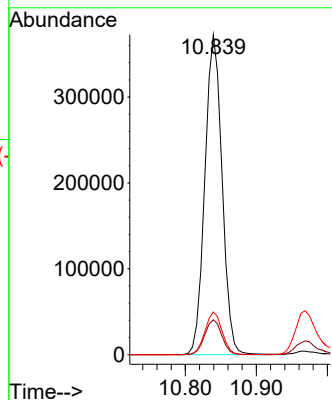
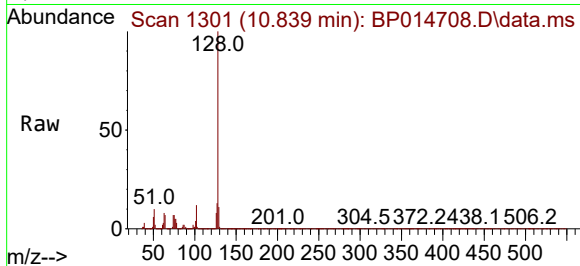




#30
Naphthalene
Concen: 32.680 ng/ul
RT: 10.839 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

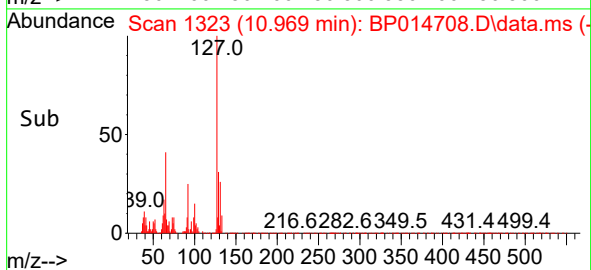
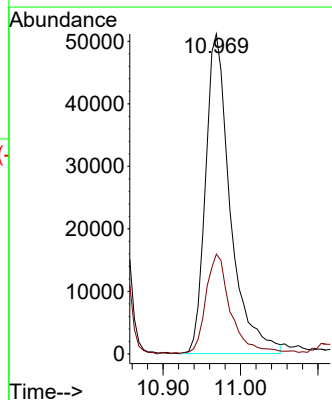
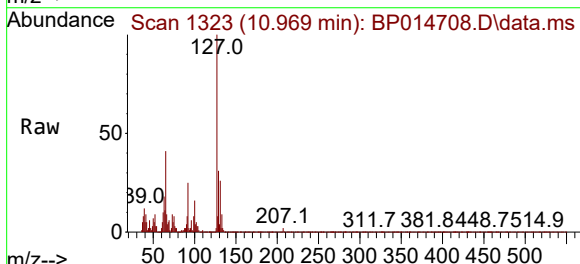
Instrument :
BNA_P
ClientSampleId :
SLCS086

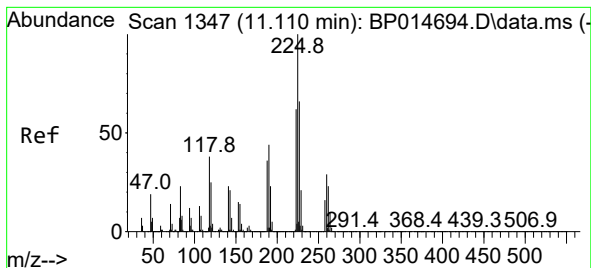
Tgt Ion:128 Resp: 627901
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 11.0 16.6



#32
4-Chloroaniline
Concen: 14.648 ng/ul
RT: 10.969 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:127 Resp: 113481
Ion Ratio Lower Upper
127 100
129 31.2 25.4 38.0





#33

Hexachlorobutadiene

Concen: 31.463 ng/ul

RT: 11.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

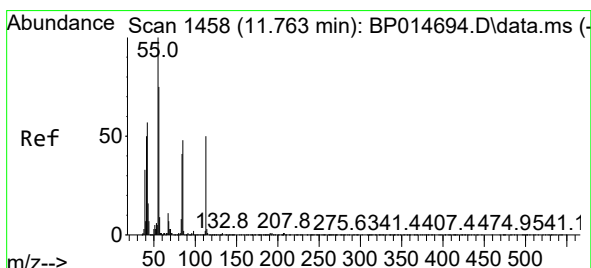
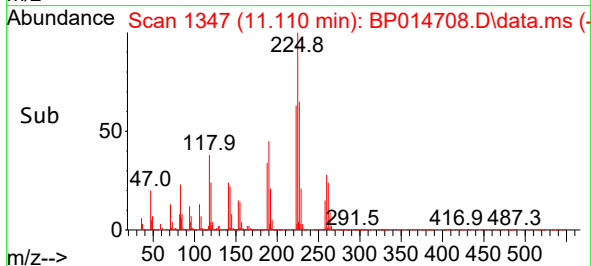
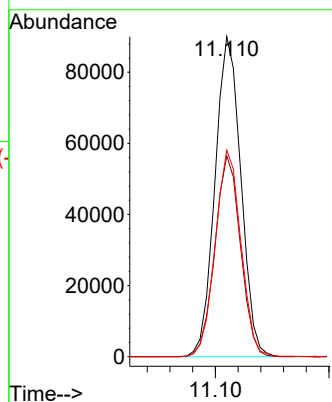
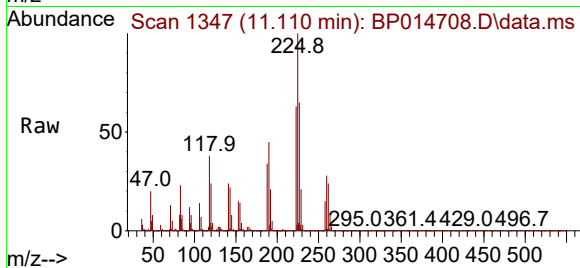
Tgt Ion:225 Resp: 142452

Ion Ratio Lower Upper

225 100

223 62.8 49.3 73.9

227 64.5 49.6 74.4



#34

Caprolactam

Concen: 14.102 ng/ul

RT: 11.769 min Scan# 1459

Delta R.T. 0.006 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

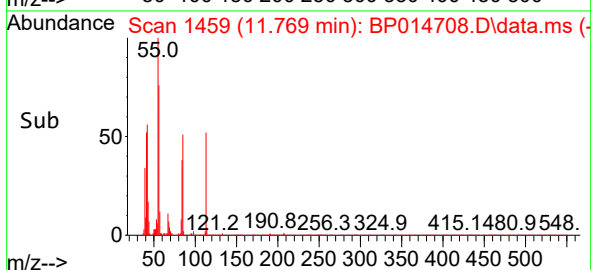
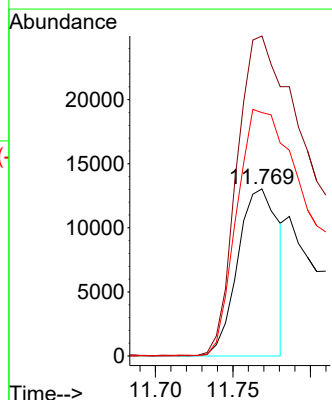
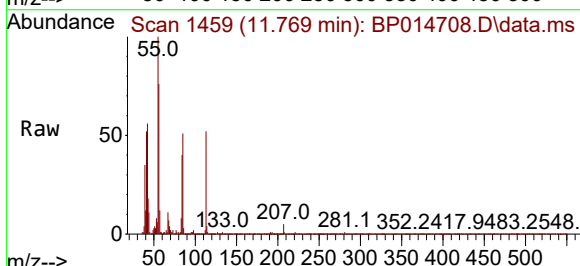
Tgt Ion:113 Resp: 23808

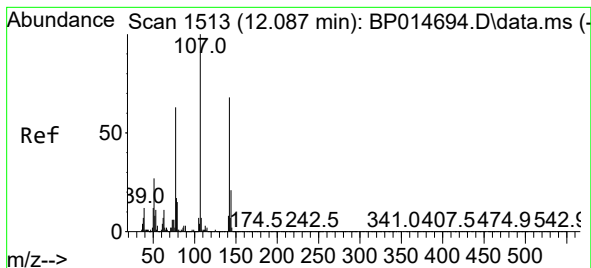
Ion Ratio Lower Upper

113 100

55 191.6 131.2 196.8

56 145.7 101.1 151.7

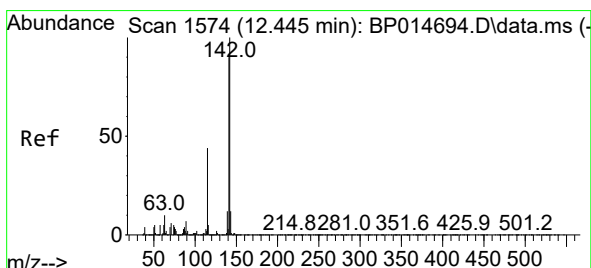
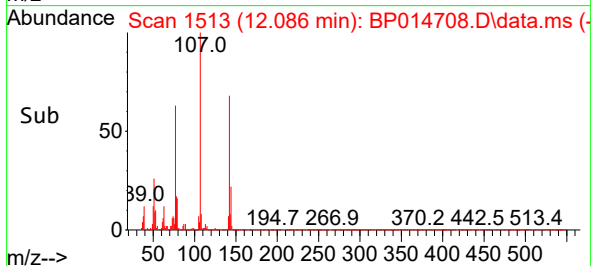
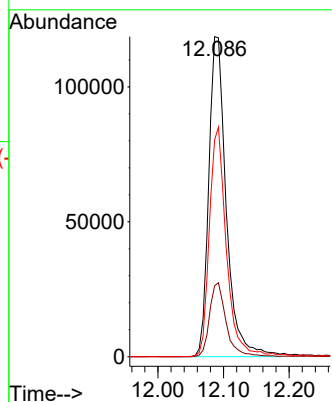
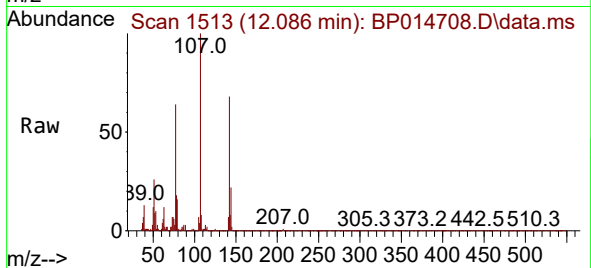




#35
4-Chloro-3-methylphenol
Concen: 31.337 ng/ul
RT: 12.086 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

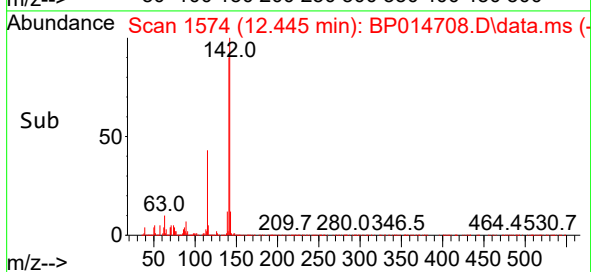
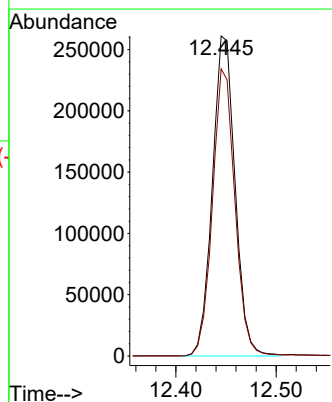
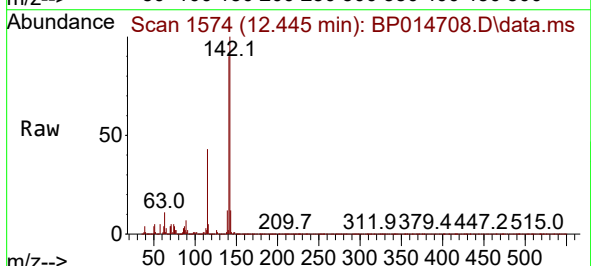
Instrument :
BNA_P
ClientSampleId :
SLCS086

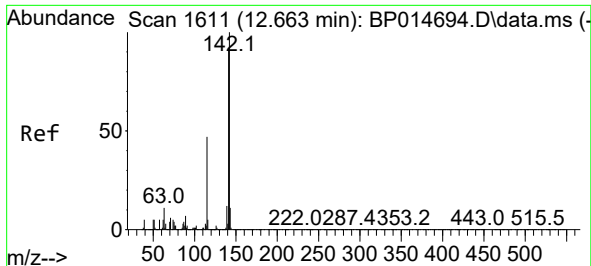
Tgt Ion:107 Resp: 220273
Ion Ratio Lower Upper
107 100
144 22.1 17.3 25.9
142 67.7 54.6 81.8



#36
2-Methylnaphthalene
Concen: 31.523 ng/ul
RT: 12.445 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:142 Resp: 410469
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4

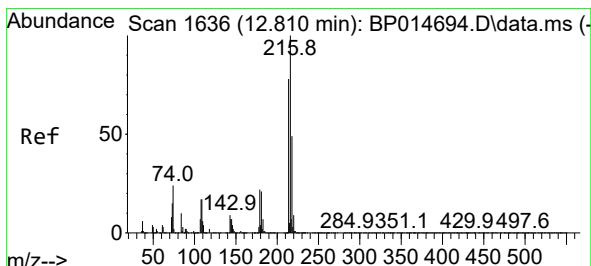
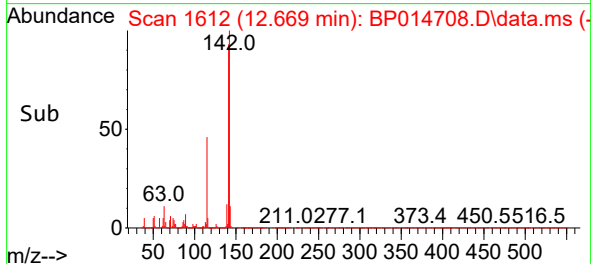
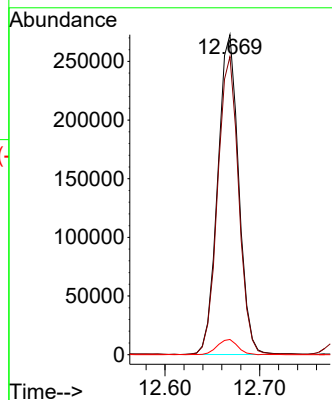
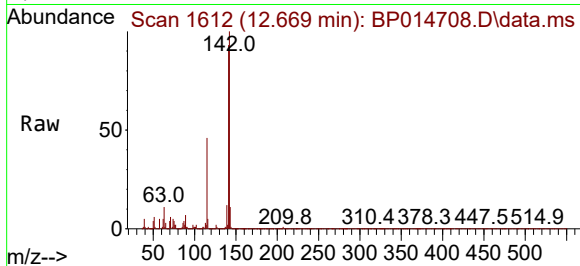




#37
1-Methylnaphthalene
Concen: 32.494 ng/ul
RT: 12.669 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

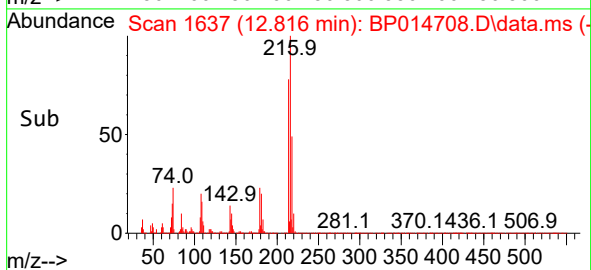
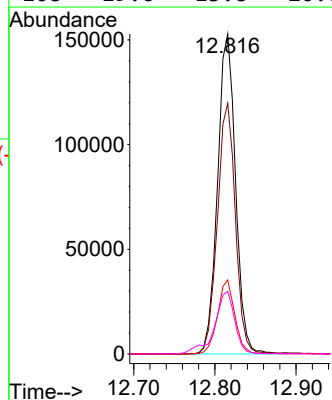
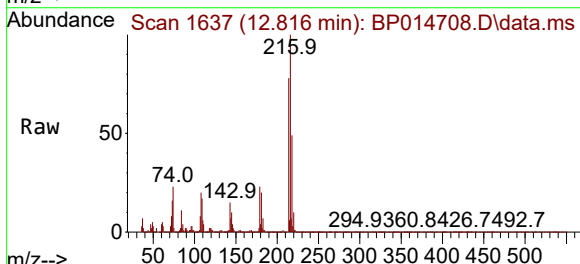
Instrument :
BNA_P
ClientSampleId :
SLCS086

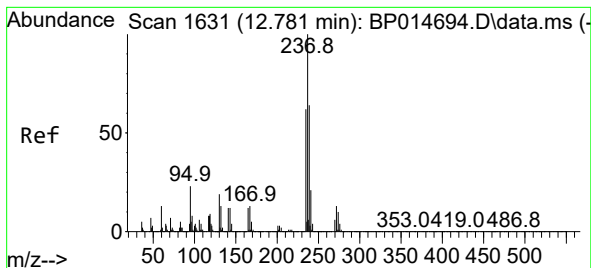
Tgt Ion:142 Resp: 419622
Ion Ratio Lower Upper
142 100
141 93.2 76.6 114.8
116 4.8 3.6 5.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.280 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:216 Resp: 235437
Ion Ratio Lower Upper
216 100
214 78.4 61.0 91.6
179 23.2 16.6 24.8
108 19.6 13.8 20.6

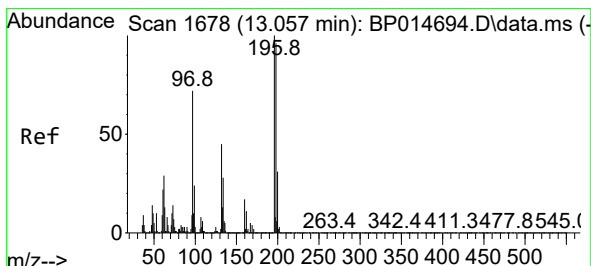
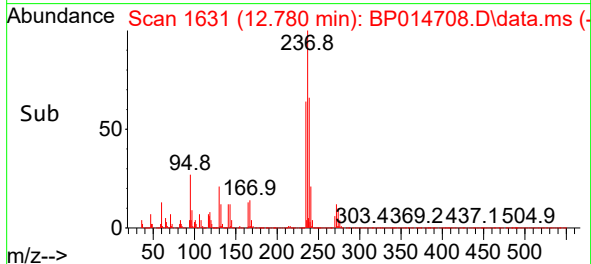
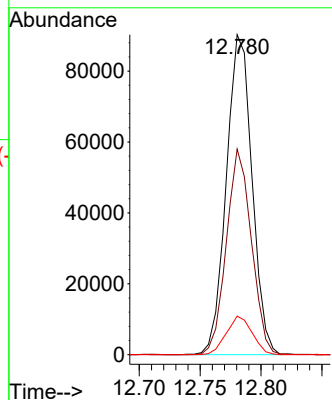
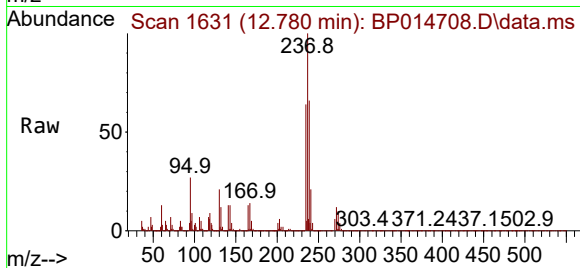




#40
Hexachlorocyclopentadiene
Concen: 28.045 ng/ul
RT: 12.780 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

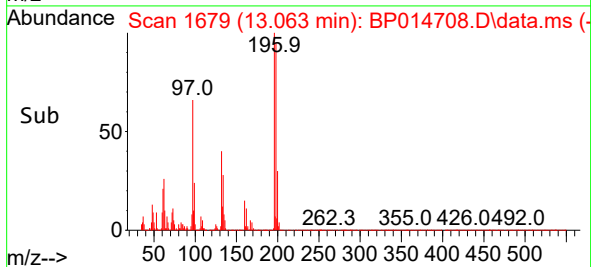
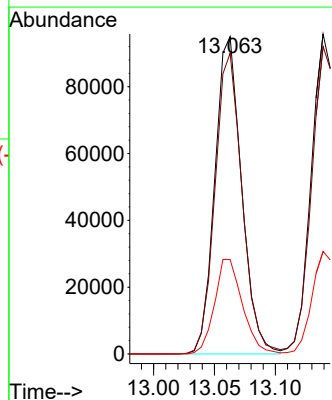
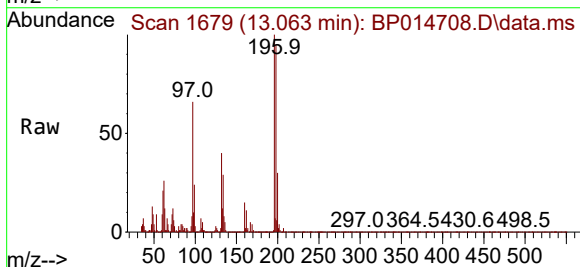
Instrument :
BNA_P
ClientSampleId :
SLCS086

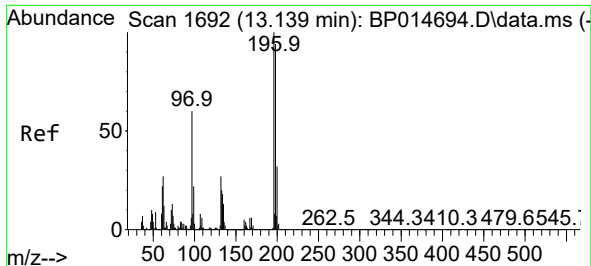
Tgt Ion:237 Resp: 132466
Ion Ratio Lower Upper
237 100
235 64.2 51.0 76.4
272 12.7 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 32.162 ng/ul
RT: 13.063 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:196 Resp: 145158
Ion Ratio Lower Upper
196 100
198 94.7 76.6 114.8
200 29.7 25.4 38.2

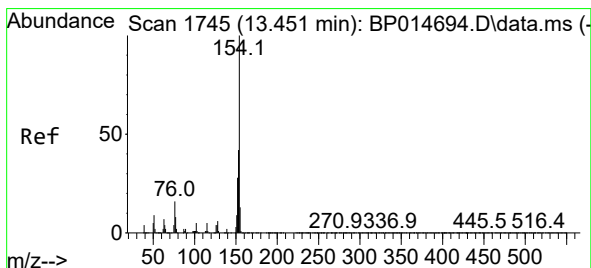
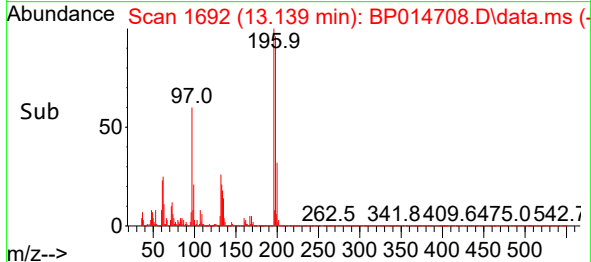
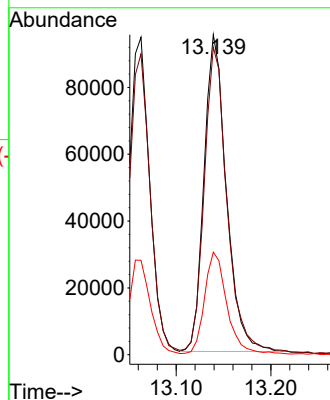
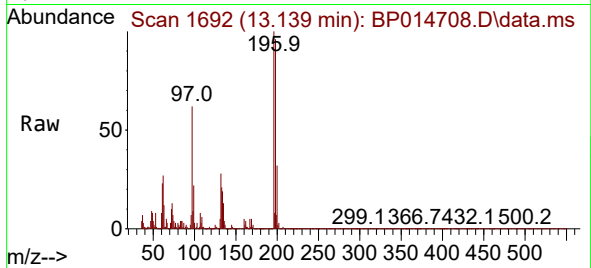




#42
2,4,5-Trichlorophenol
Concen: 32.318 ng/ul
RT: 13.139 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

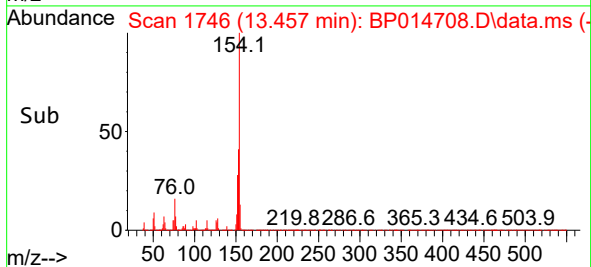
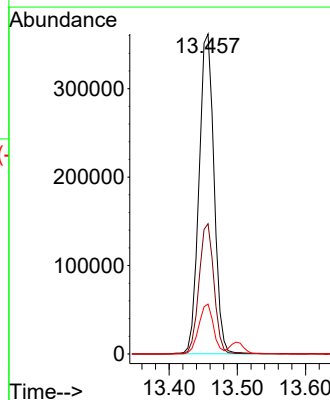
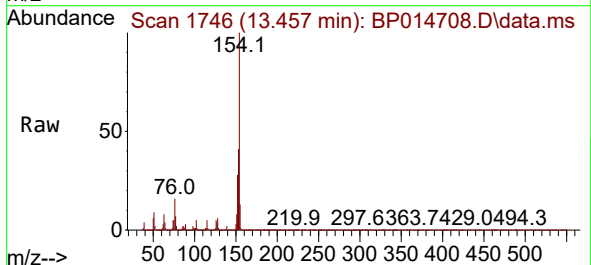
Instrument :
BNA_P
ClientSampleId :
SLCS086

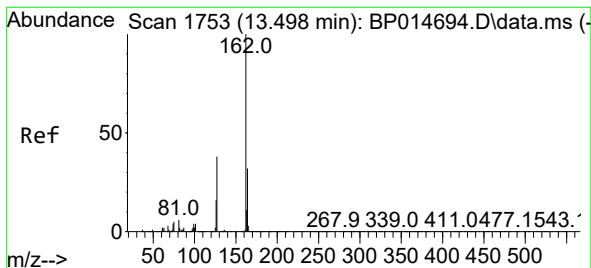
Tgt Ion:196 Resp: 155284
Ion Ratio Lower Upper
196 100
198 96.1 79.8 119.8
200 32.1 25.6 38.4



#43
1,1'-Biphenyl
Concen: 33.479 ng/ul
RT: 13.457 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:154 Resp: 553318
Ion Ratio Lower Upper
154 100
153 40.7 32.4 48.6
76 15.6 10.7 16.1

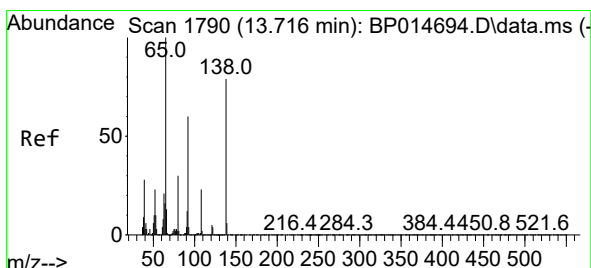
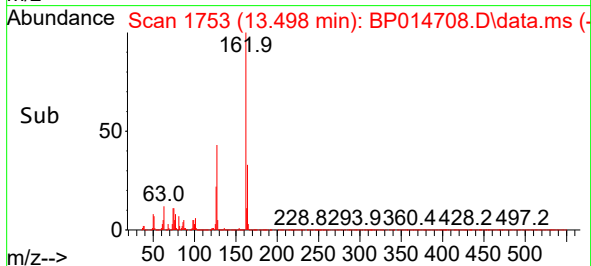
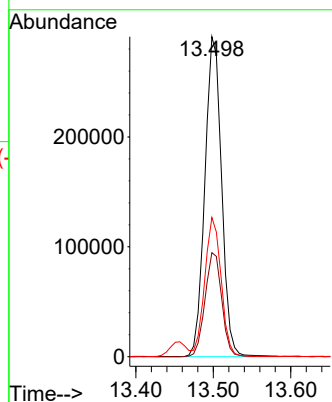
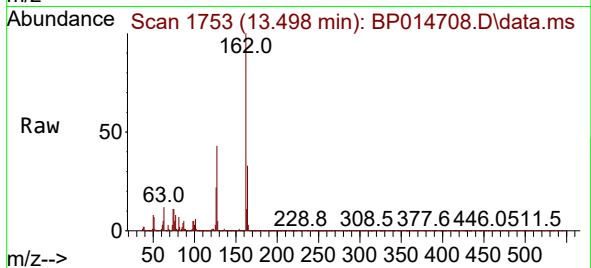




#44
2-Chloronaphthalene
Concen: 33.460 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

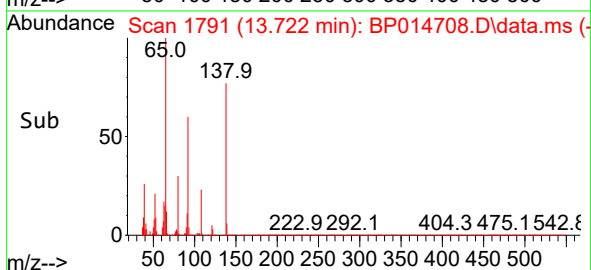
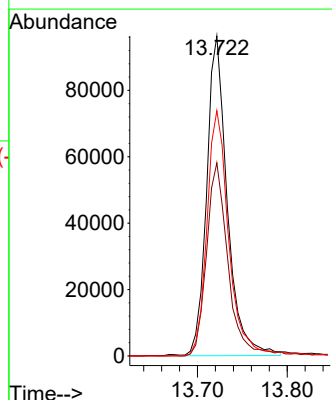
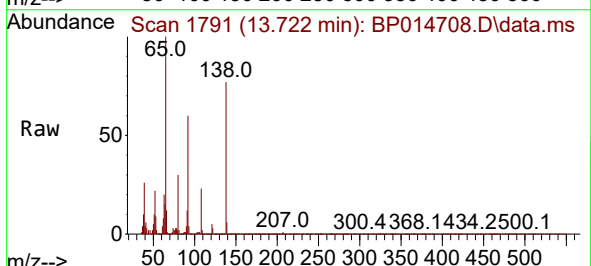
Instrument :
BNA_P
ClientSampleId :
SLCS086

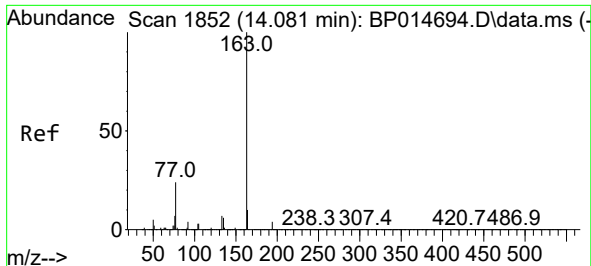
Tgt Ion:162 Resp: 437244
Ion Ratio Lower Upper
162 100
164 32.5 26.1 39.1
127 43.5 33.7 50.5



#45
2-Nitroaniline
Concen: 37.913 ng/ul
RT: 13.722 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion: 65 Resp: 153429
Ion Ratio Lower Upper
65 100
92 60.4 53.7 80.5
138 76.7 71.7 107.5

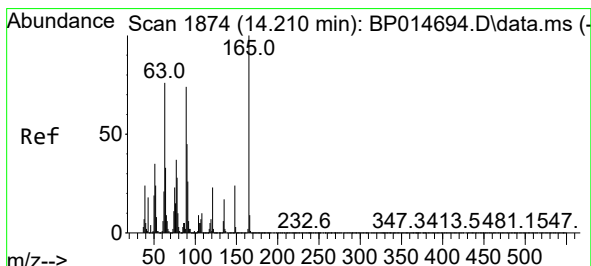
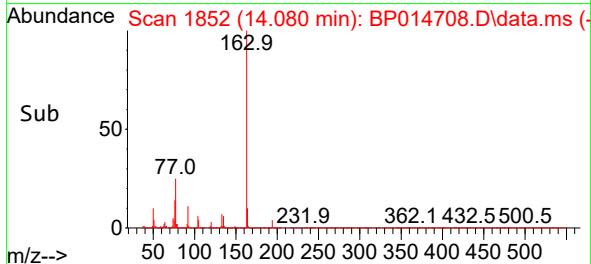
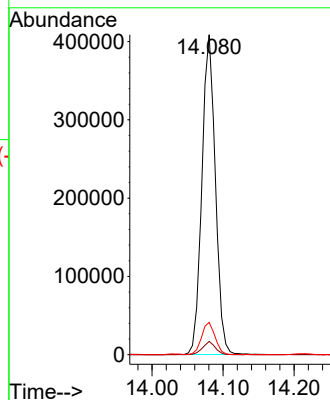
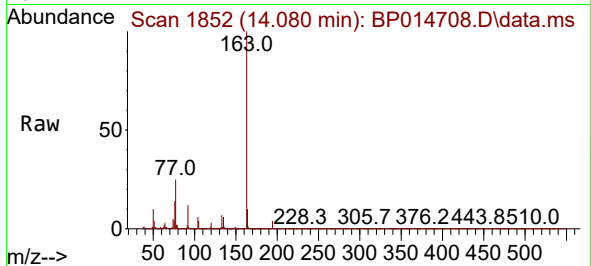




#47
Dimethylphthalate
Concen: 32.607 ng/ul
RT: 14.080 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

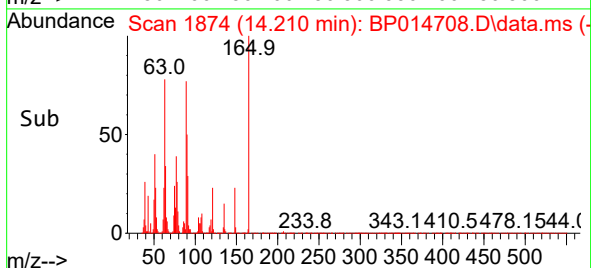
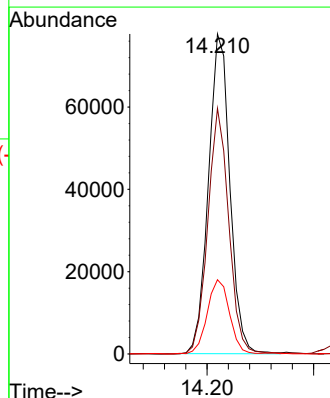
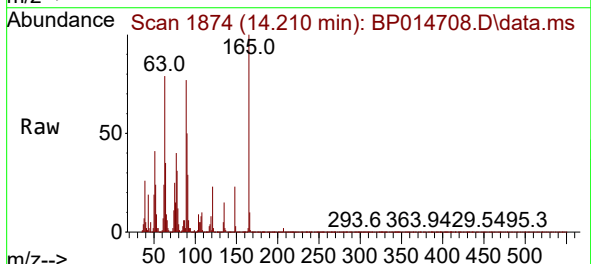
Instrument :
BNA_P
ClientSampleId :
SLCS086

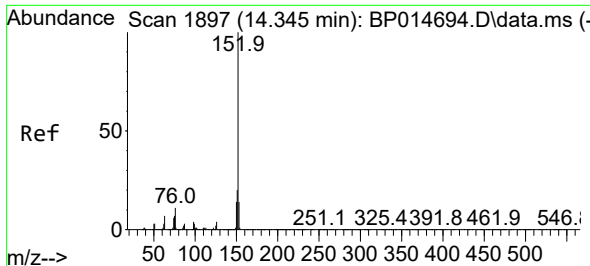
Tgt Ion:163 Resp: 540755
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.1 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 33.456 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:165 Resp: 108401
Ion Ratio Lower Upper
165 100
89 76.8 52.7 79.1
121 23.2 17.9 26.9

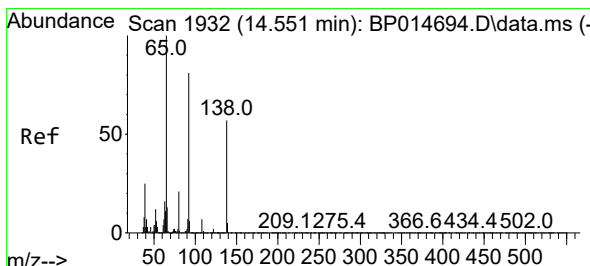
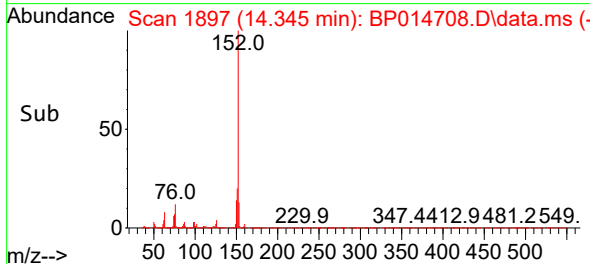
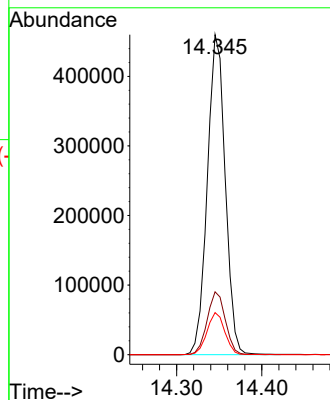
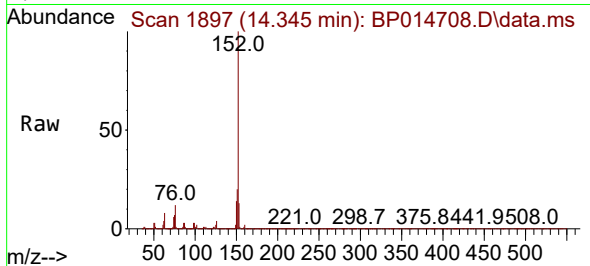




#50
Acenaphthylene
Concen: 34.261 ng/ul
RT: 14.345 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

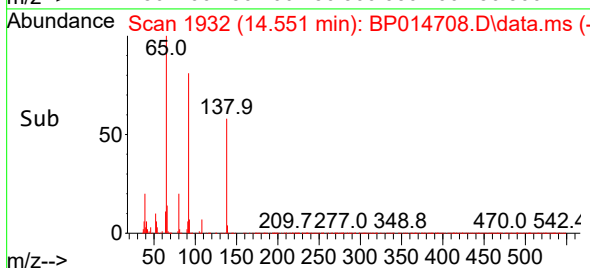
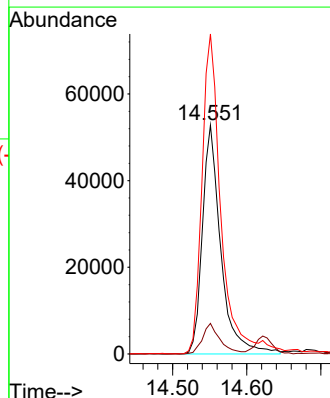
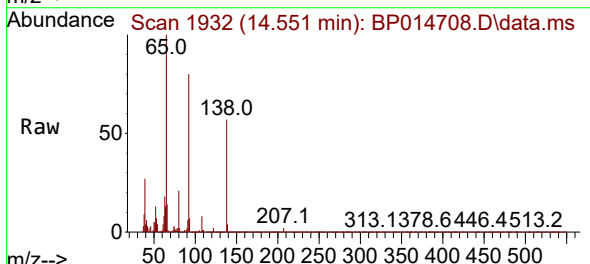
Instrument :
BNA_P
ClientSampleId :
SLCS086

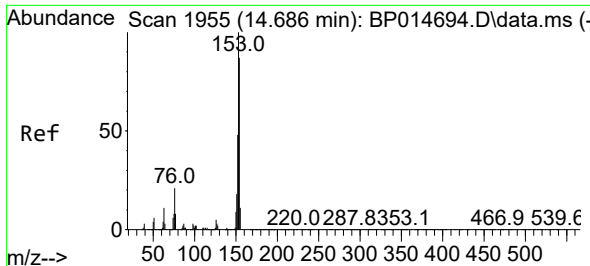
Tgt Ion:152 Resp: 671540
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.1 10.2 15.4



#51
3-Nitroaniline
Concen: 31.389 ng/ul
RT: 14.551 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:138 Resp: 91114
Ion Ratio Lower Upper
138 100
108 13.3 9.9 14.9
92 139.8 107.6 161.4

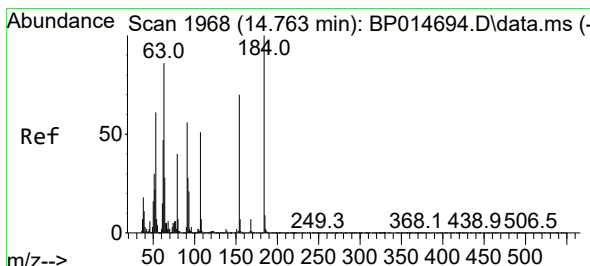
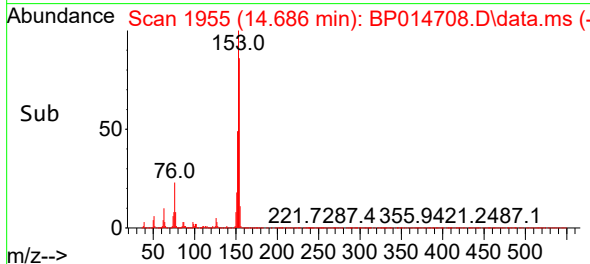
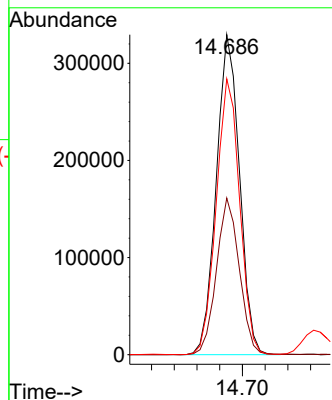
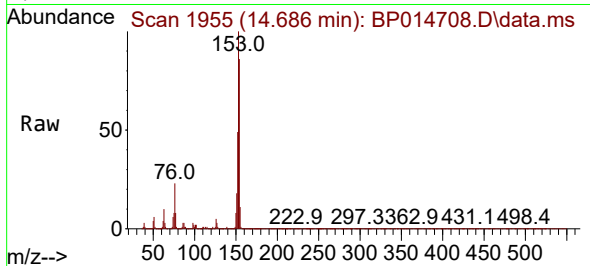




#52
Acenaphthene
Concen: 33.771 ng/ul
RT: 14.686 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

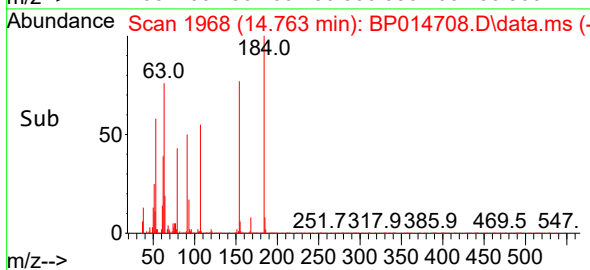
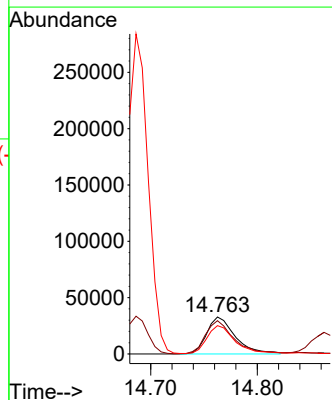
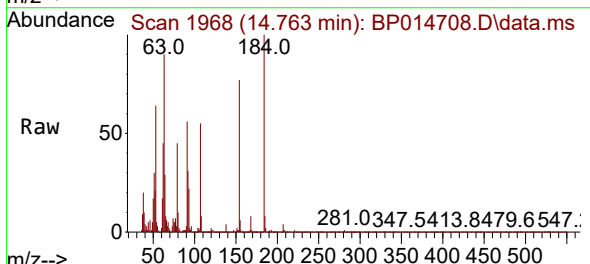
Instrument :
BNA_P
ClientSampleId :
SLCS086

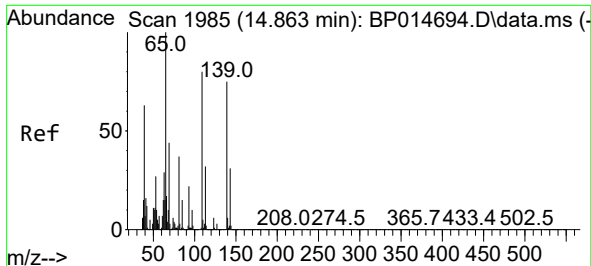
Tgt Ion:153 Resp: 467755
Ion Ratio Lower Upper
153 100
152 48.9 38.2 57.4
154 86.2 70.2 105.2



#53
2,4-Dinitrophenol
Concen: 29.039 ng/ul
RT: 14.763 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:184 Resp: 60931
Ion Ratio Lower Upper
184 100
63 89.9 57.1 85.7#
154 76.6 55.3 82.9

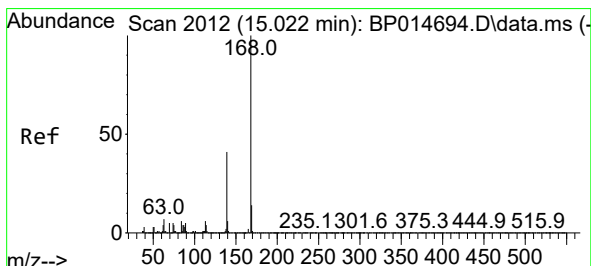
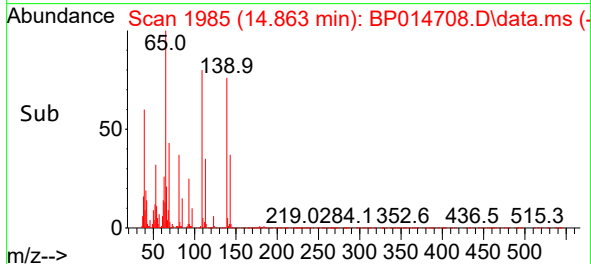
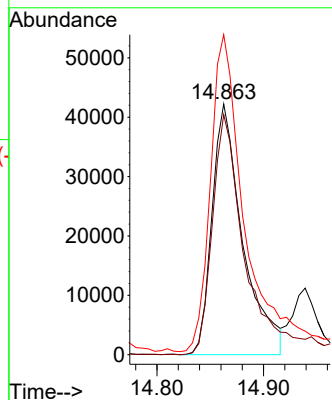
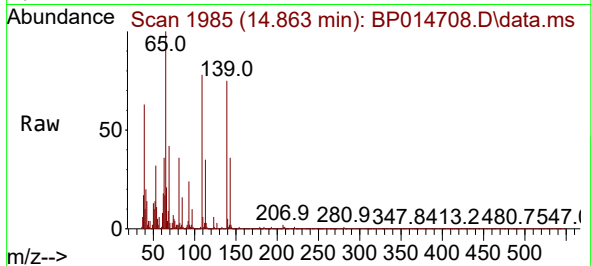




#55
4-Nitrophenol
Concen: 34.235 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

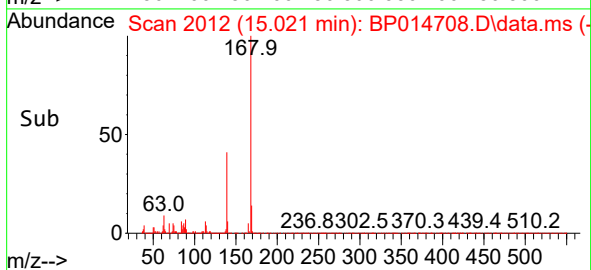
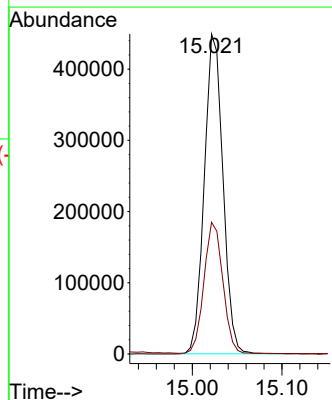
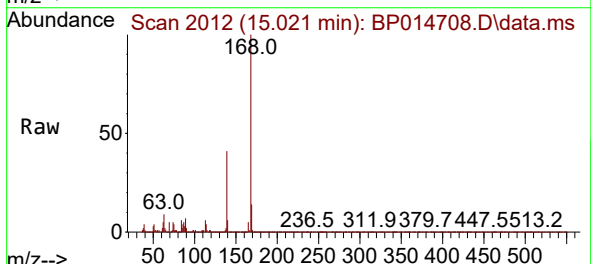
Instrument :
BNA_P
ClientSampleId :
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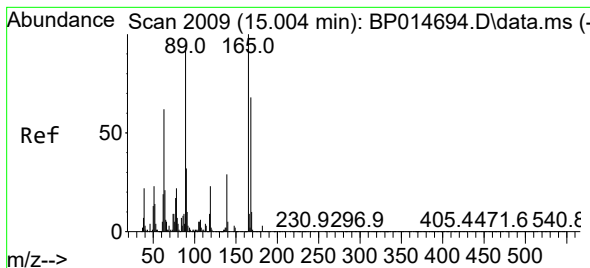
Tgt Ion	109	Resp	84665
Ion Ratio	100	Lower	Upper
109	100		
139	95.7	77.4	116.2
65	127.6	97.3	145.9



#56
Dibenzofuran
Concen: 33.300 ng/ul
RT: 15.021 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion	168	Resp	648385
Ion Ratio	100	Lower	Upper
168	100		
139	41.2	32.1	48.1

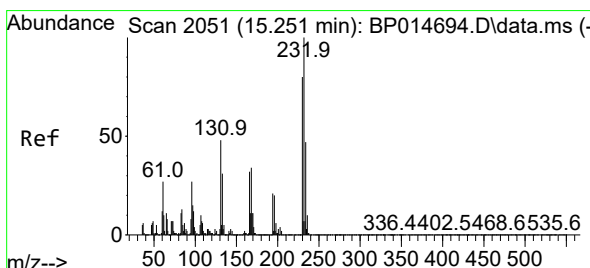
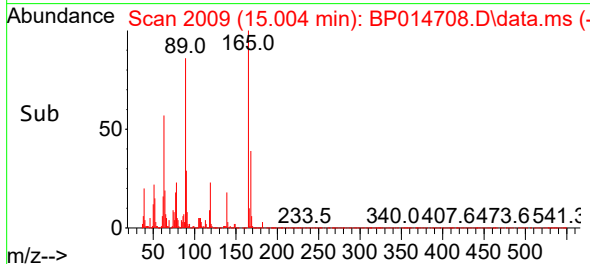
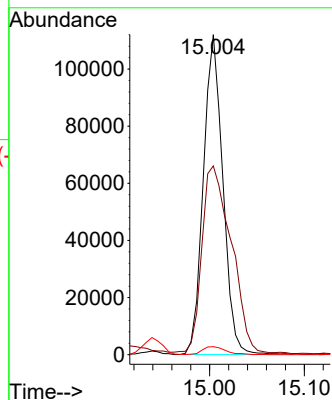
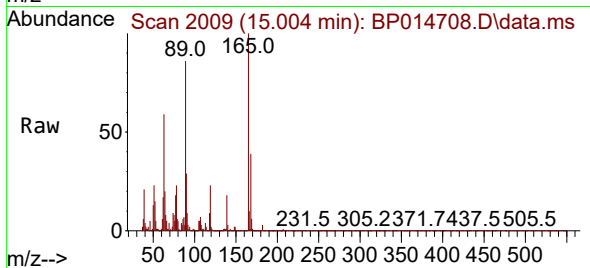




#57
2,4-Dinitrotoluene
Concen: 34.780 ng/ul
RT: 15.004 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

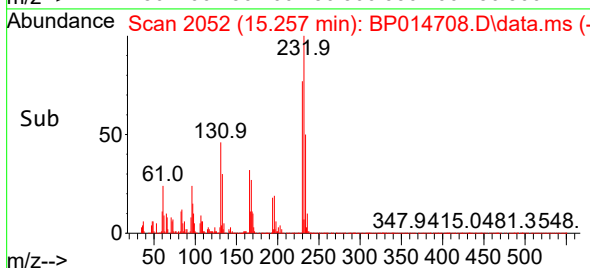
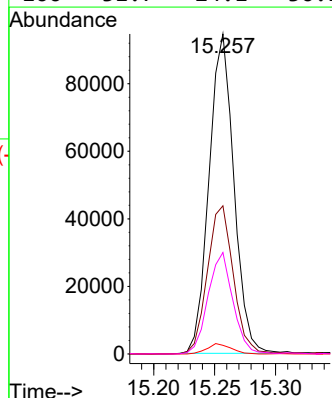
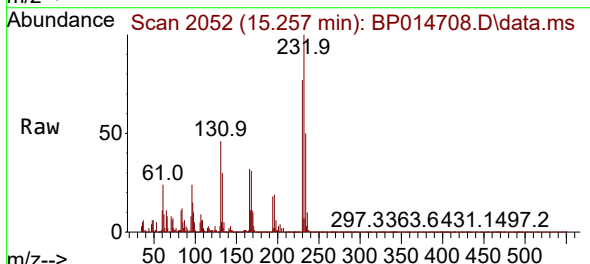
Instrument :
BNA_P
ClientSampleId :
SLCS086

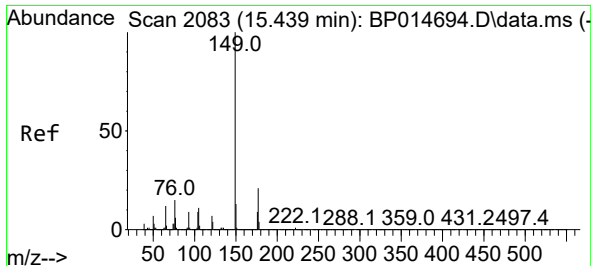
Tgt Ion:165 Resp: 159848
Ion Ratio Lower Upper
165 100
63 59.0 41.6 62.4
182 2.5 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.068 ng/ul
RT: 15.257 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:232 Resp: 134165
Ion Ratio Lower Upper
232 100
131 46.3 35.0 52.4
130 2.7 1.9 2.9
166 31.7 24.1 36.1

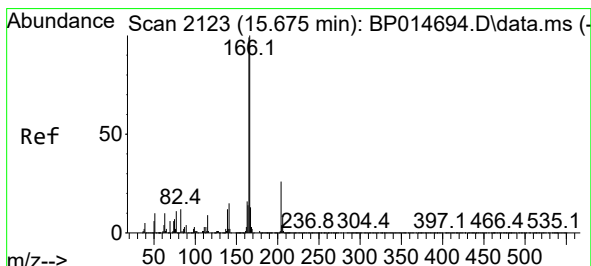
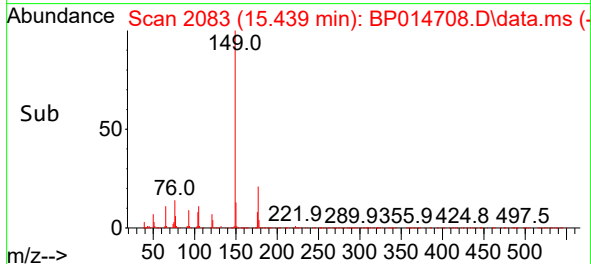
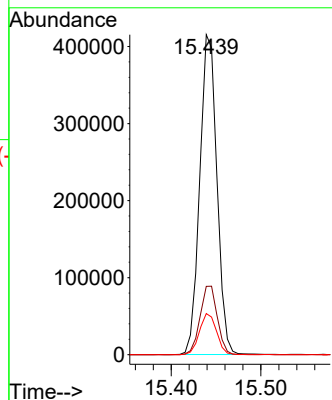
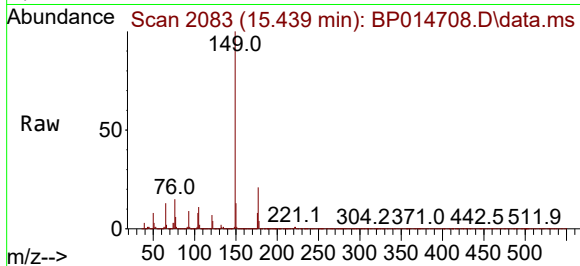




#59
Diethylphthalate
Concen: 33.418 ng/ul
RT: 15.439 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

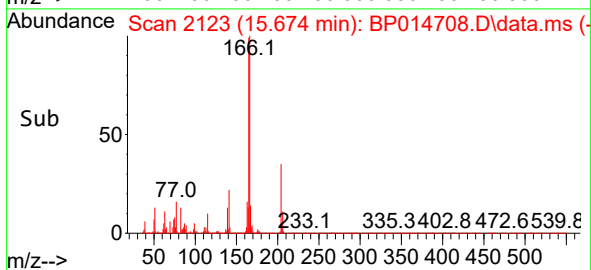
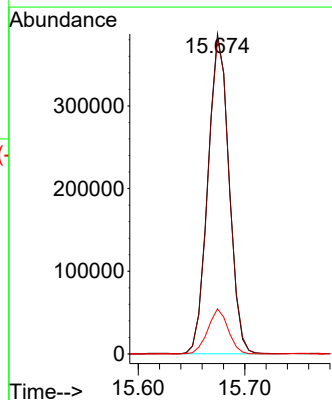
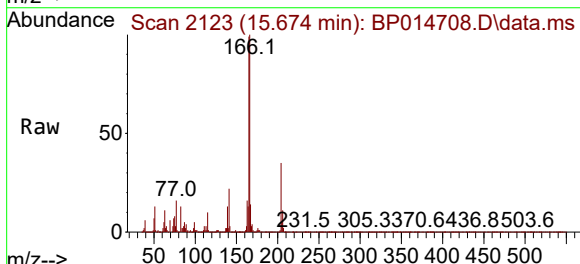
Instrument :
BNA_P
ClientSampleId :
SLCS086

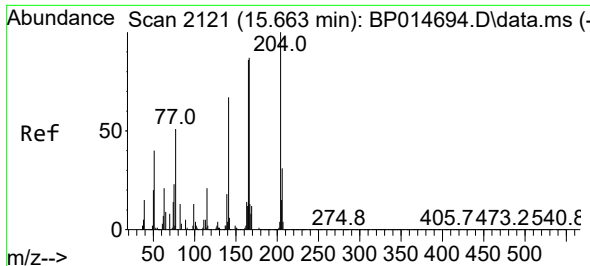
Tgt Ion:149 Resp: 550736
Ion Ratio Lower Upper
149 100
177 21.3 18.2 27.2
150 12.9 9.8 14.8



#61
Fluorene
Concen: 33.788 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:166 Resp: 533241
Ion Ratio Lower Upper
166 100
165 98.7 79.2 118.8
167 14.1 11.0 16.4

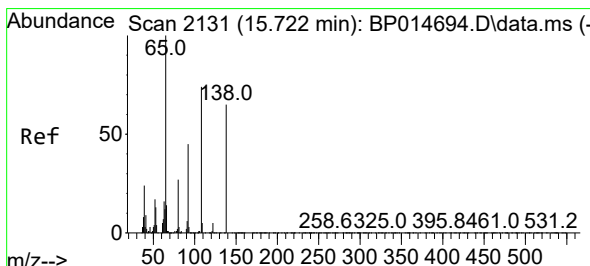
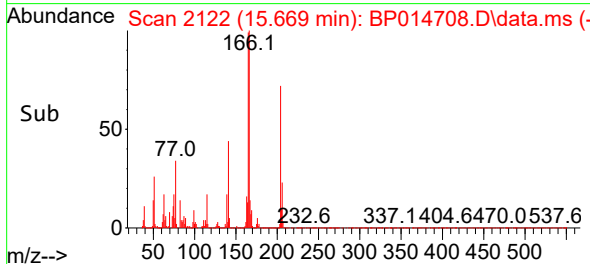
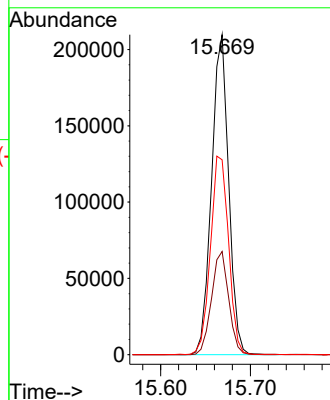
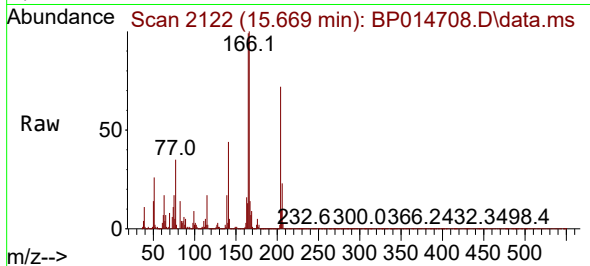




#62
4-Chlorophenyl-phenylether
Concen: 32.650 ng/ul
RT: 15.669 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

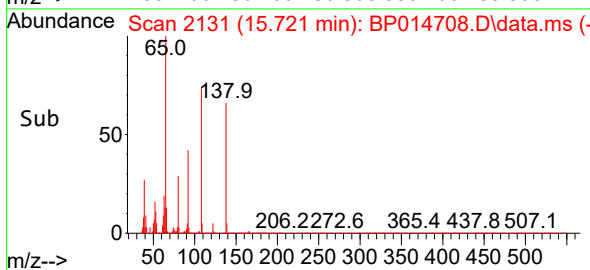
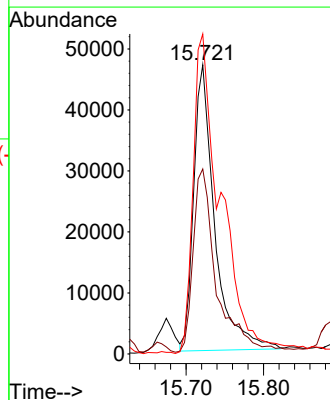
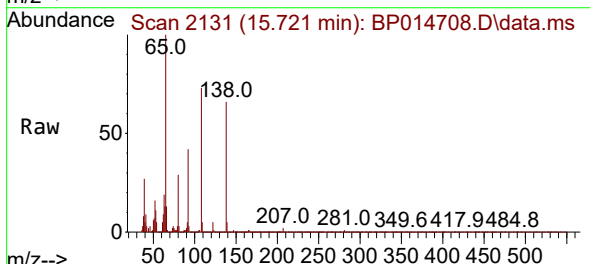
Instrument :
BNA_P
ClientSampleId :
SLCS086

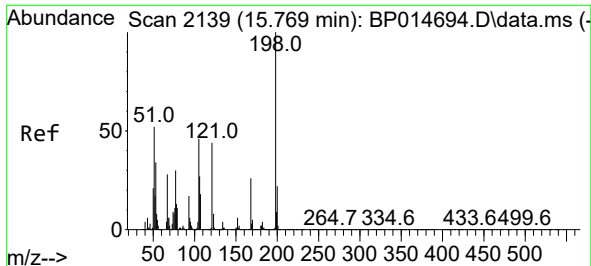
Tgt Ion:204 Resp: 276842
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 60.9 51.3 76.9



#63
4-Nitroaniline
Concen: 37.483 ng/ul
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:138 Resp: 88402
Ion Ratio Lower Upper
138 100
92 64.0 47.8 71.6
108 110.7 82.3 123.5

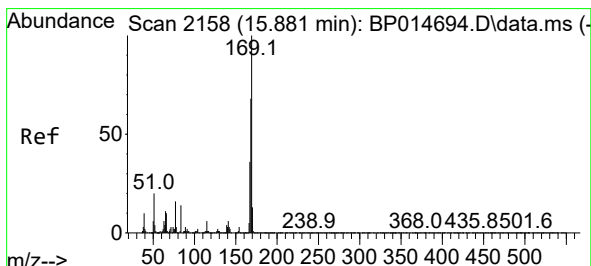
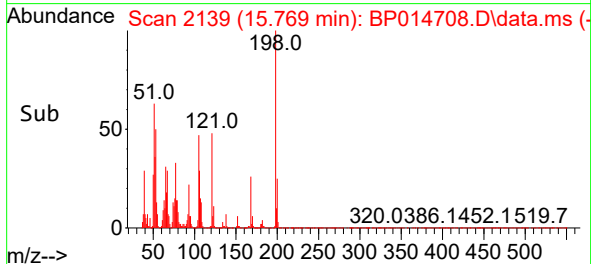
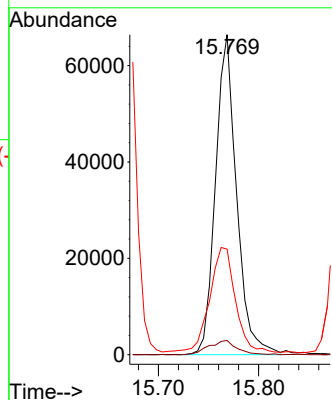
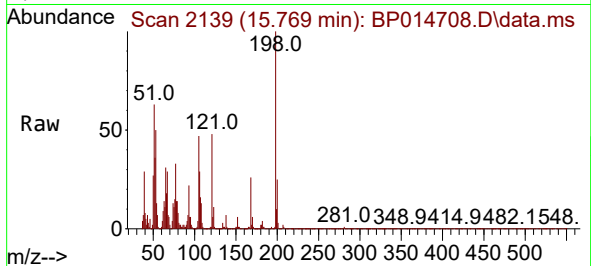




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.542 ng/ul
 RT: 15.769 min Scan# 2139
 Delta R.T. -0.000 min
 Lab File: BP014708.D
 Acq: 13 Apr 2023 12:11

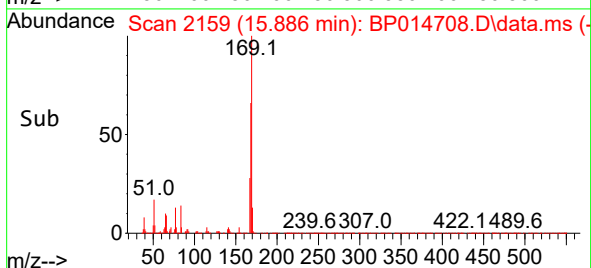
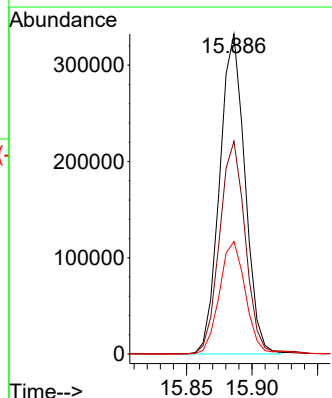
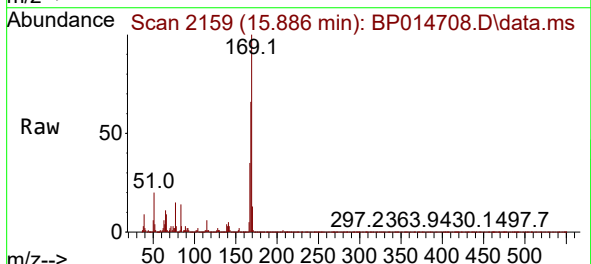
Instrument :
 BNA_P
 ClientSampleId :
 SLCS086

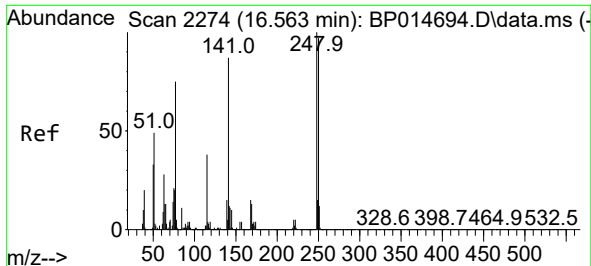
Tgt Ion:198 Resp: 96769
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.5 5.3
 77 33.0 24.4 36.6



#67
 N-Nitrosodiphenylamine
 Concen: 33.230 ng/ul
 RT: 15.886 min Scan# 2159
 Delta R.T. -0.000 min
 Lab File: BP014708.D
 Acq: 13 Apr 2023 12:11

Tgt Ion:169 Resp: 444826
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.2 81.2
 167 35.1 29.4 44.2

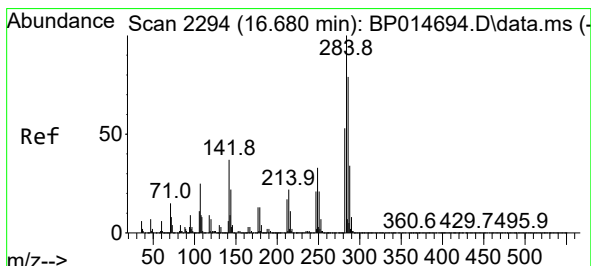
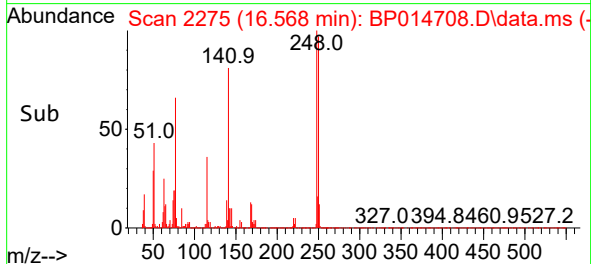
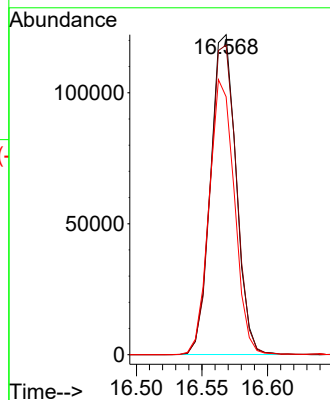
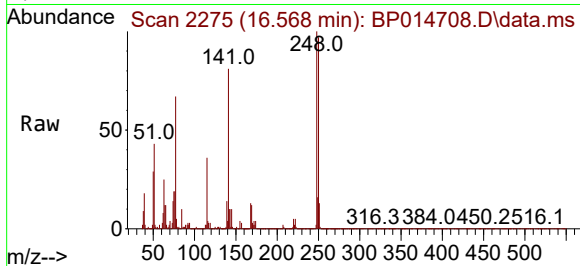




#68
4-Bromophenyl-phenylether
Concen: 30.914 ng/ul
RT: 16.568 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

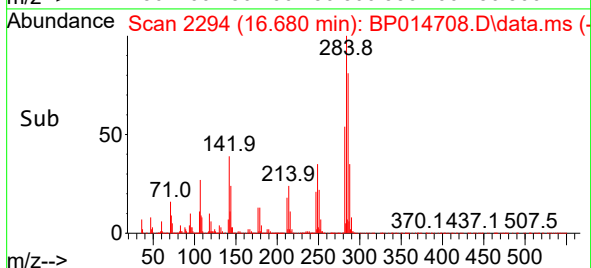
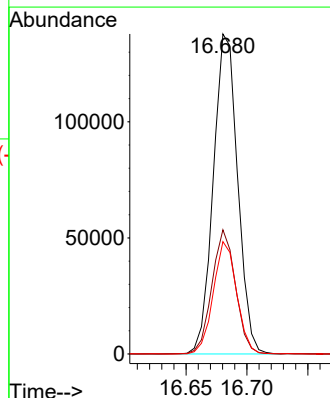
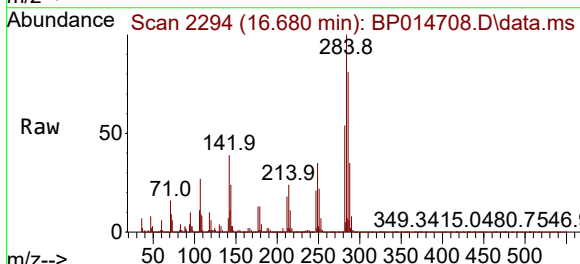
Instrument :
BNA_P
ClientSampleId :
SLCS086

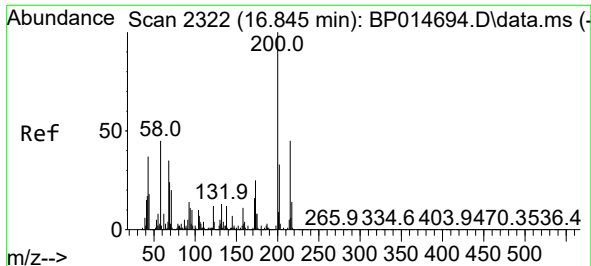
Tgt Ion:248 Resp: 165506
Ion Ratio Lower Upper
248 100
250 96.8 78.1 117.1
141 80.6 66.0 99.0



#69
Hexachlorobenzene
Concen: 31.198 ng/ul
RT: 16.680 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:284 Resp: 191855
Ion Ratio Lower Upper
284 100
142 38.8 26.6 39.8
249 35.1 25.7 38.5

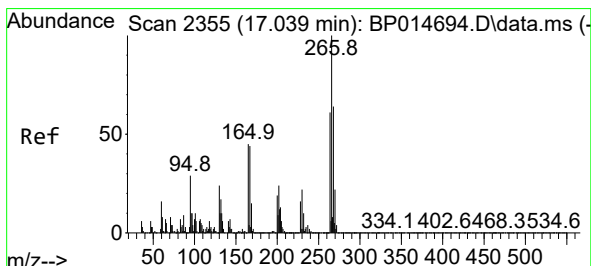
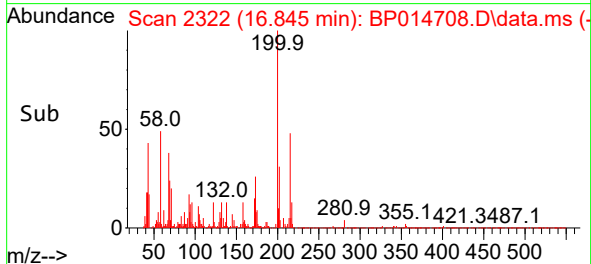
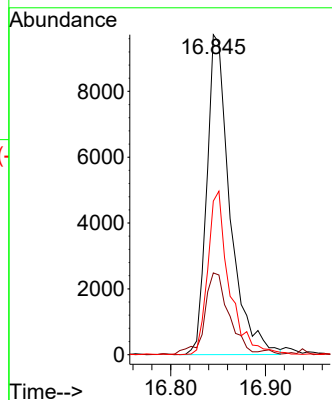
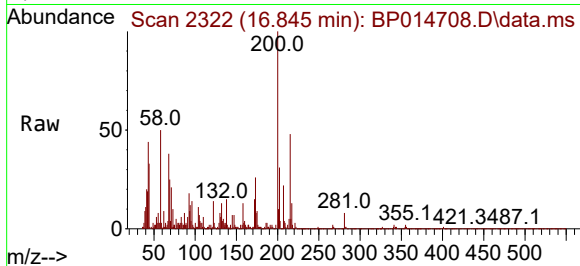




#70
Atrazine
Concen: 3.383 ng/ul
RT: 16.845 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

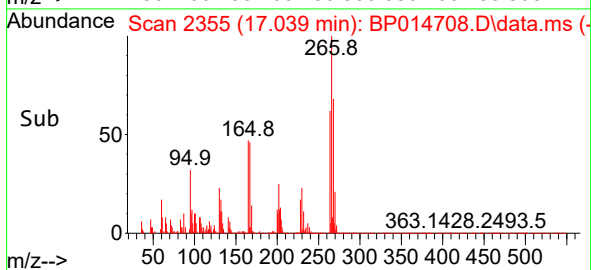
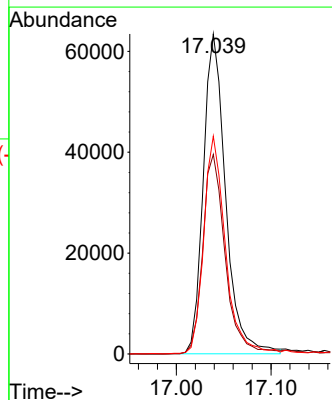
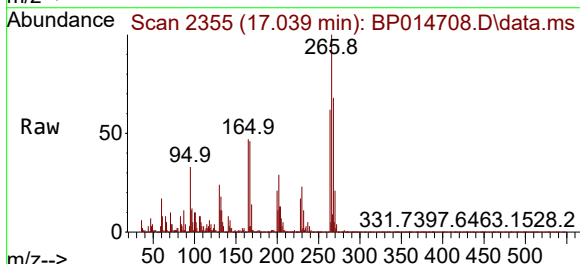
Instrument :
BNA_P
ClientSampleId :
SLCS086

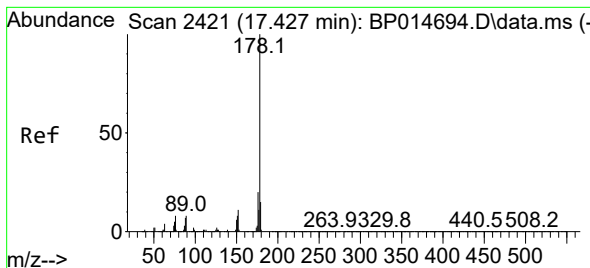
Tgt Ion:200 Resp: 16487
Ion Ratio Lower Upper
200 100
173 25.5 20.6 30.8
215 48.0 37.2 55.8



#71
Pentachlorophenol
Concen: 29.199 ng/ul
RT: 17.039 min Scan# 2355
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:266 Resp: 104023
Ion Ratio Lower Upper
266 100
264 62.3 51.0 76.4
268 68.1 51.4 77.2





#72

Phenanthrene

Concen: 34.736 ng/ul

RT: 17.427 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

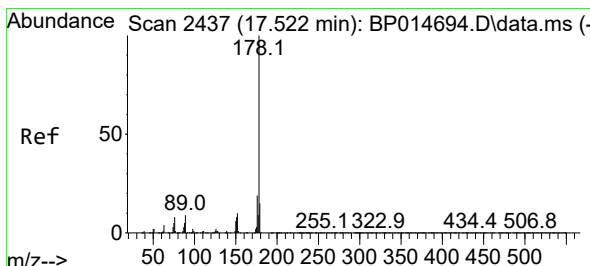
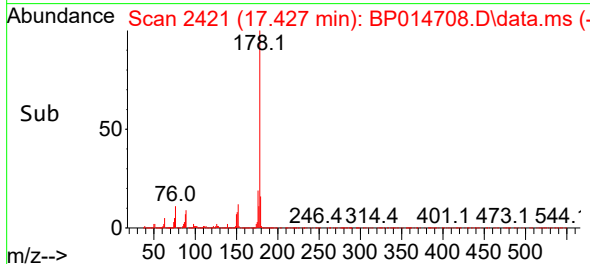
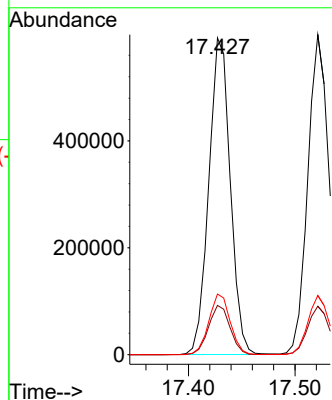
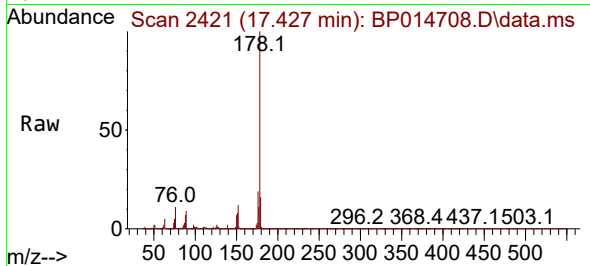
Tgt Ion:178 Resp: 831447

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.1 15.3 22.9



#74

Anthracene

Concen: 35.040 ng/ul

RT: 17.521 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

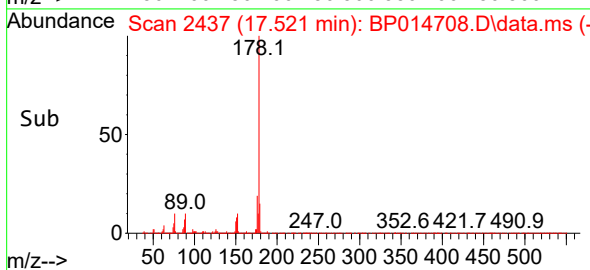
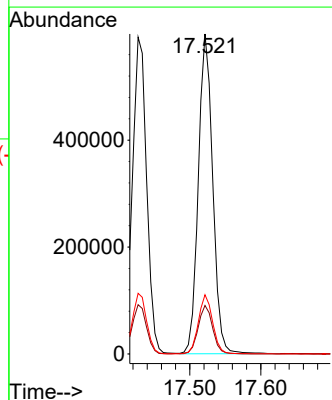
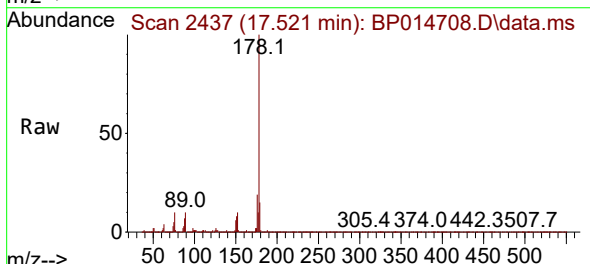
Tgt Ion:178 Resp: 845310

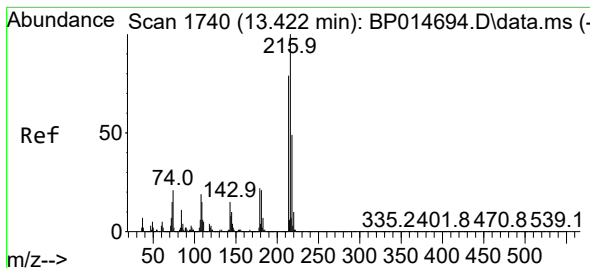
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 18.5 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.146 ng/uL

RT: 13.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

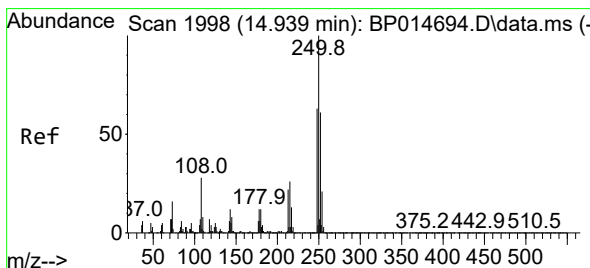
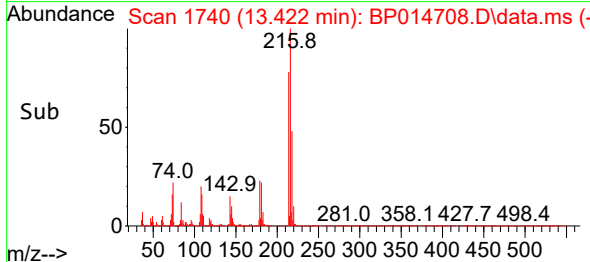
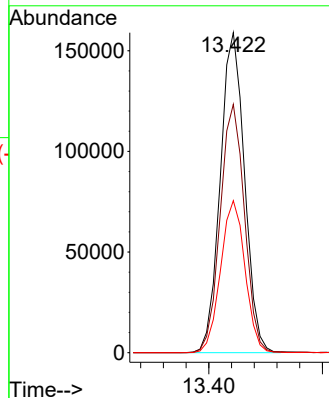
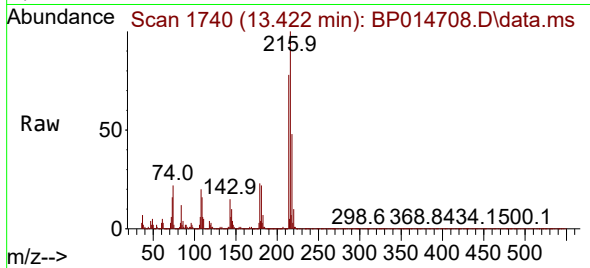
Tgt Ion:216 Resp: 235880

Ion Ratio Lower Upper

216 100

214 77.6 61.0 91.6

218 47.5 38.7 58.1



#76

Pentachlorobenzene

Concen: 30.786 ng/uL

RT: 14.939 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

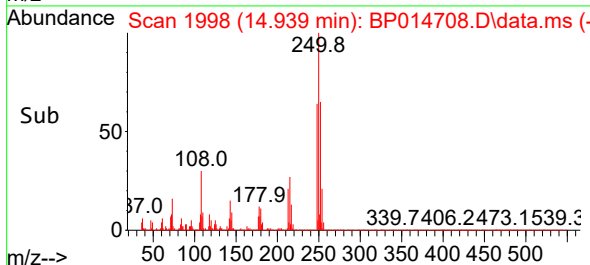
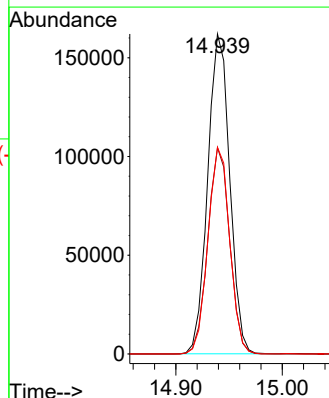
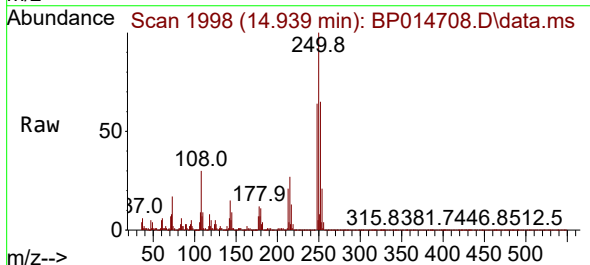
Tgt Ion:250 Resp: 232641

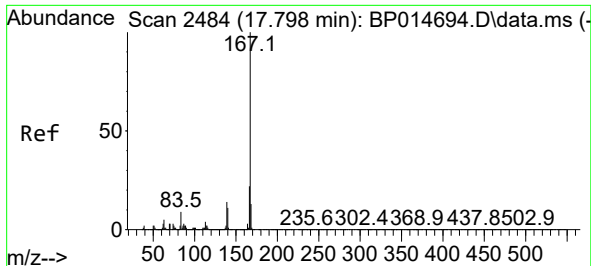
Ion Ratio Lower Upper

250 100

248 64.5 49.0 73.6

252 64.6 50.7 76.1

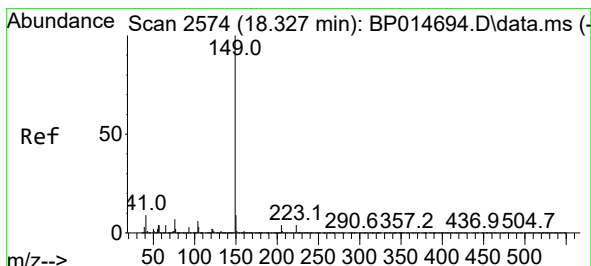
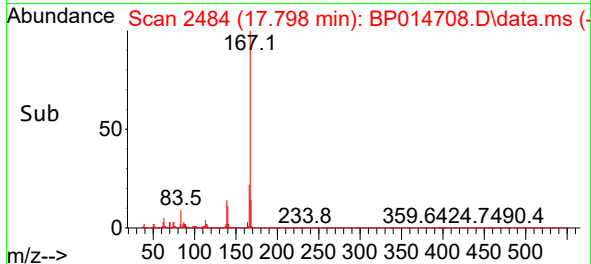
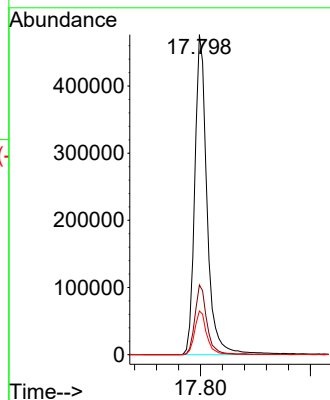
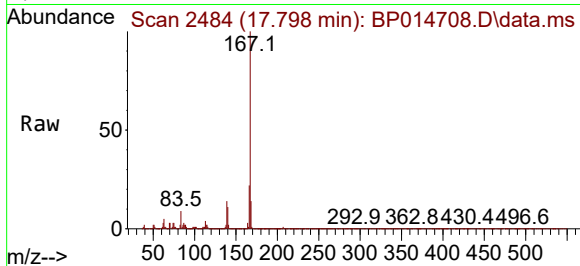




#77
 Carbazole
 Concen: 36.440 ng/ul
 RT: 17.798 min Scan# 2484
 Delta R.T. -0.000 min
 Lab File: BP014708.D
 Acq: 13 Apr 2023 12:11

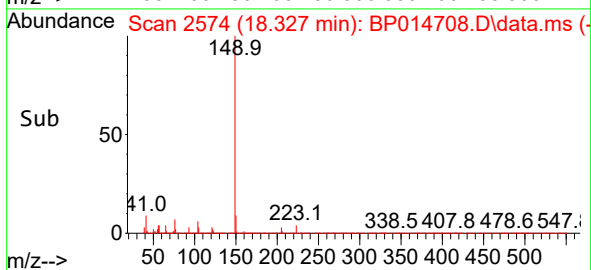
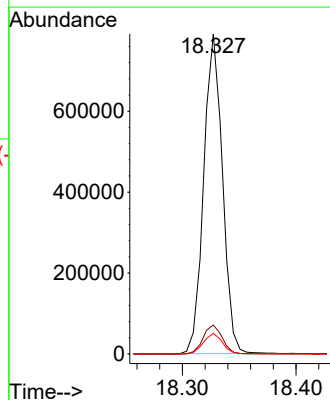
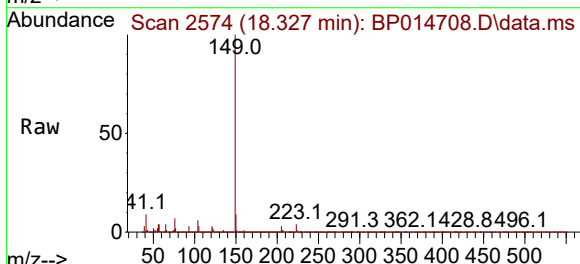
Instrument :
 BNA_P
 ClientSampleId :
 SLCS086

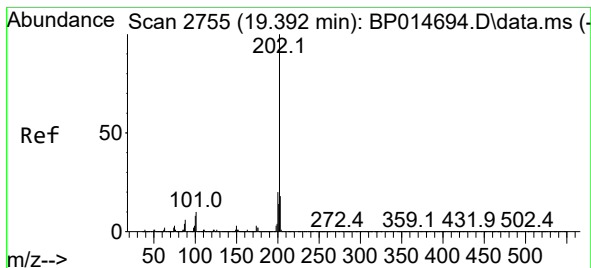
Tgt Ion:167 Resp: 735673
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.7 11.3 16.9



#78
 Di-n-butylphthalate
 Concen: 35.642 ng/ul
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BP014708.D
 Acq: 13 Apr 2023 12:11

Tgt Ion:149 Resp: 904768
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 6.5 4.8 7.2





#80

Fluoranthene

Concen: 27.825 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

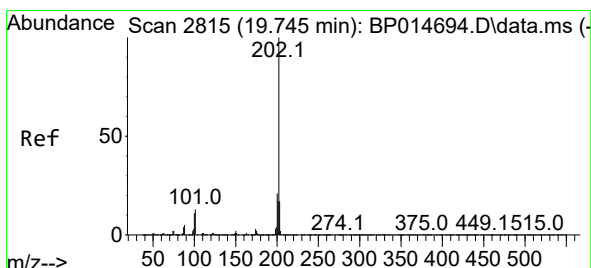
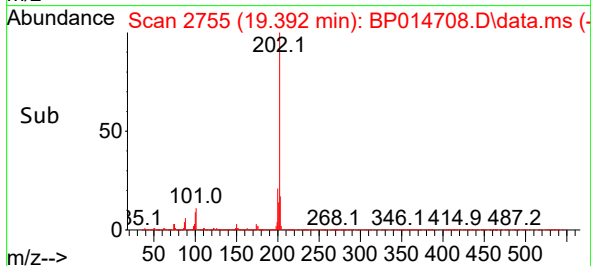
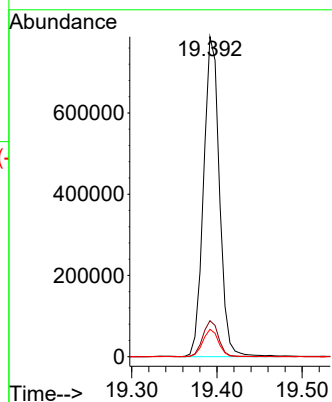
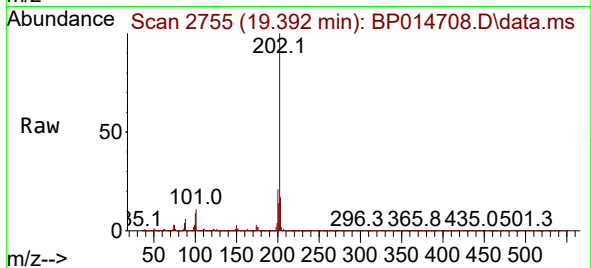
Tgt Ion:202 Resp: 1018603

Ion Ratio Lower Upper

202 100

101 11.3 8.2 12.2

100 8.6 6.4 9.6



#82

Pyrene

Concen: 28.217 ng/ul

RT: 19.745 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

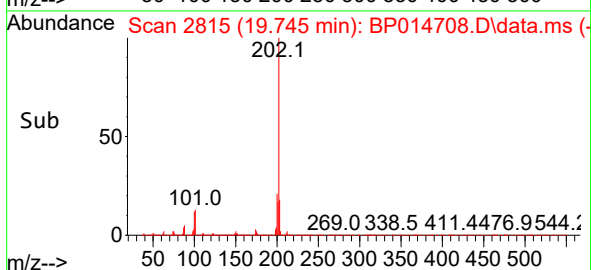
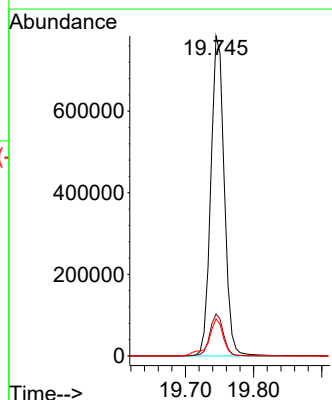
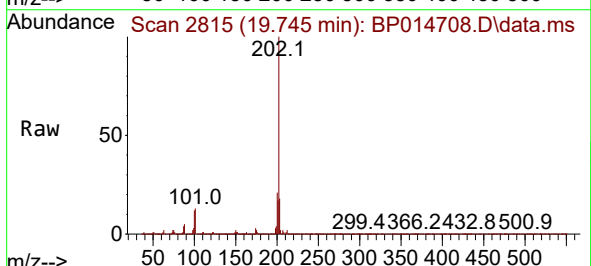
Tgt Ion:202 Resp: 1078430

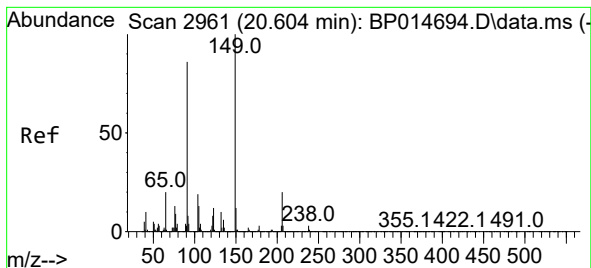
Ion Ratio Lower Upper

202 100

101 13.1 9.7 14.5

100 11.6 8.0 12.0





#83

Butylbenzylphthalate

Concen: 33.967 ng/ul

RT: 20.609 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

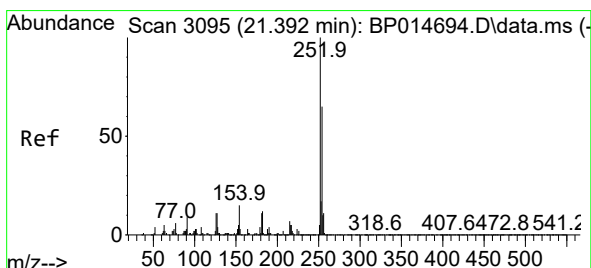
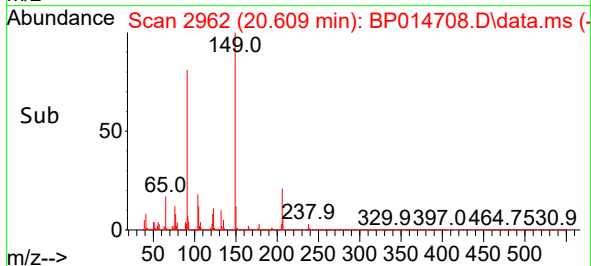
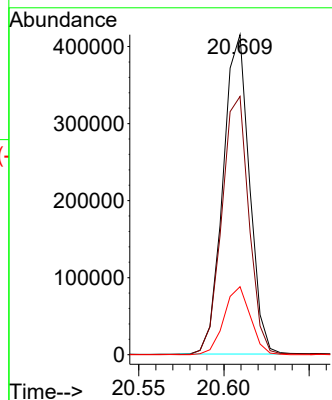
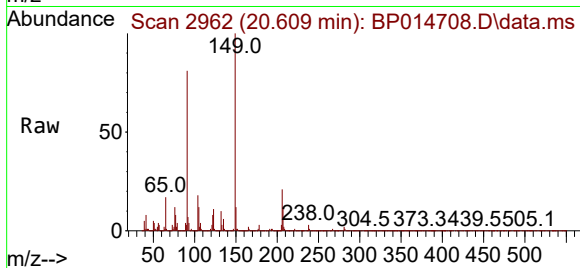
Tgt Ion:149 Resp: 447165

Ion Ratio Lower Upper

149 100

91 80.7 61.8 92.8

206 21.3 17.8 26.6



#84

3,3'-Dichlorobenzidine

Concen: 25.391 ng/ul

RT: 21.392 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

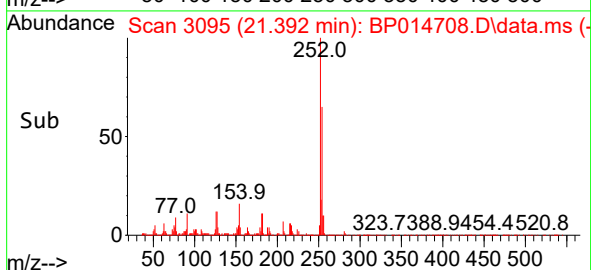
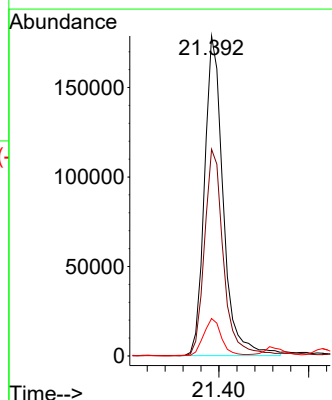
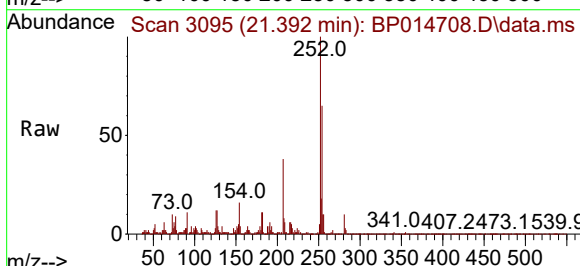
Tgt Ion:252 Resp: 258833

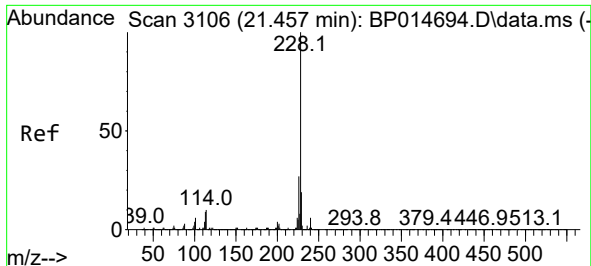
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.0

126 11.7 7.8 11.6#

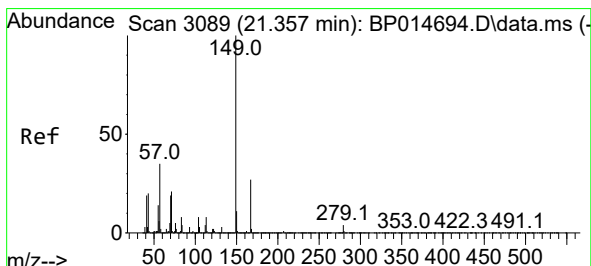
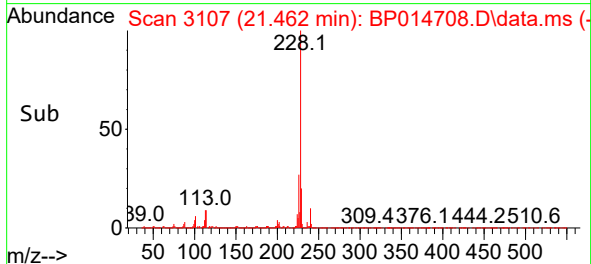
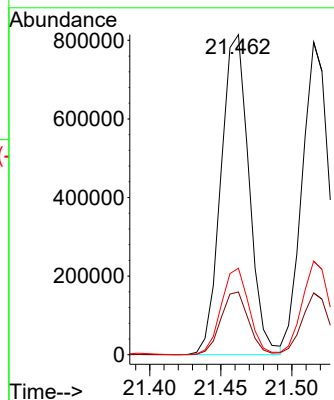
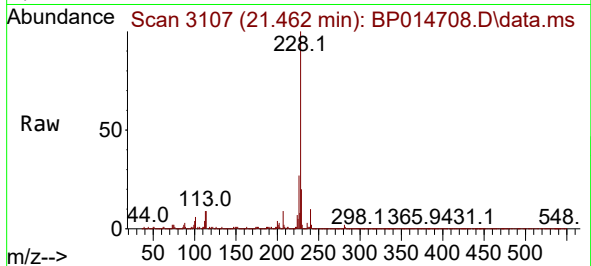




#85
Benzo(a)anthracene
Concen: 34.291 ng/ul
RT: 21.462 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

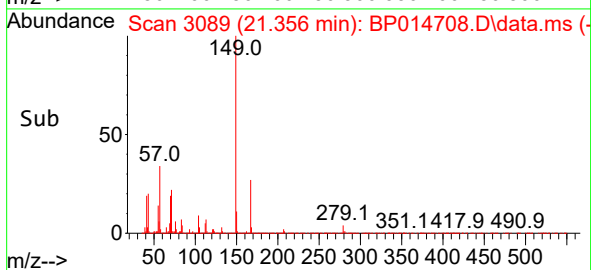
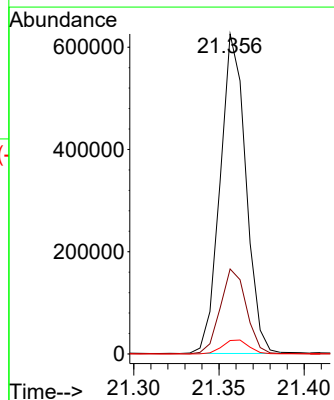
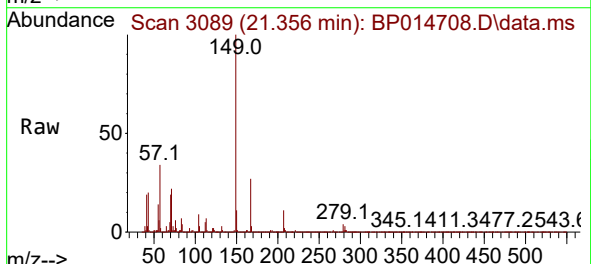
Instrument :
BNA_P
ClientSampleId :
SLCS086

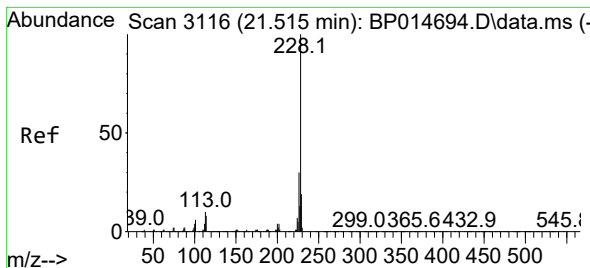
Tgt Ion:228 Resp: 1120035
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.0 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 36.369 ng/ul
RT: 21.356 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:149 Resp: 654709
Ion Ratio Lower Upper
149 100
167 26.6 21.9 32.9
279 4.2 3.7 5.5





#87

Chrysene

Concen: 34.641 ng/ul

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

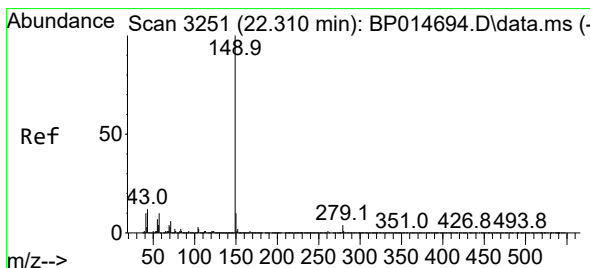
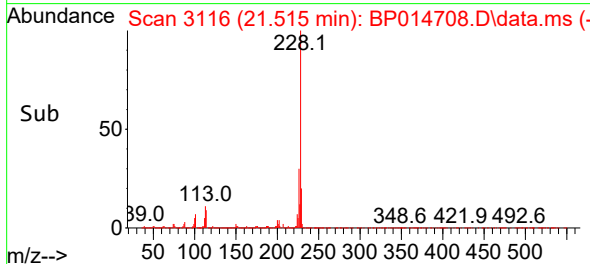
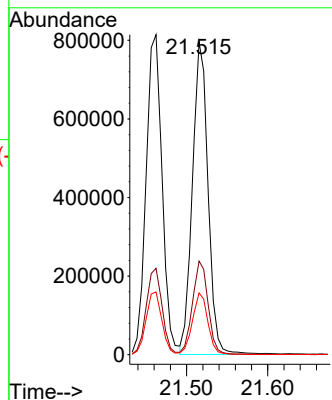
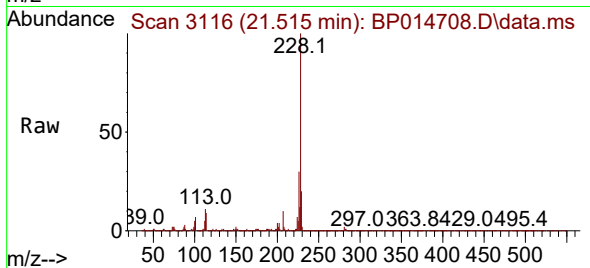
Tgt Ion:228 Resp: 1068381

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.8 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 34.867 ng/ul

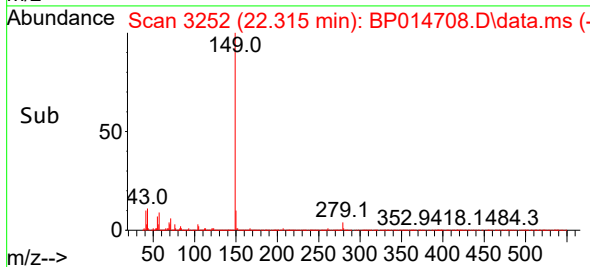
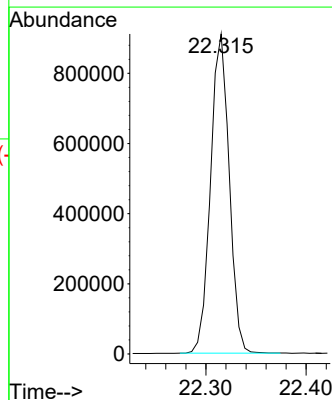
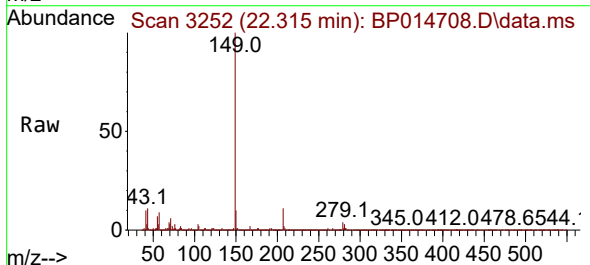
RT: 22.315 min Scan# 3252

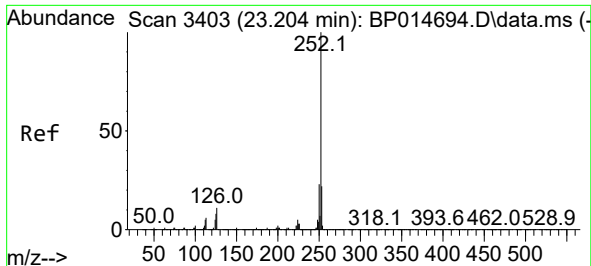
Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Tgt Ion:149 Resp: 1177890

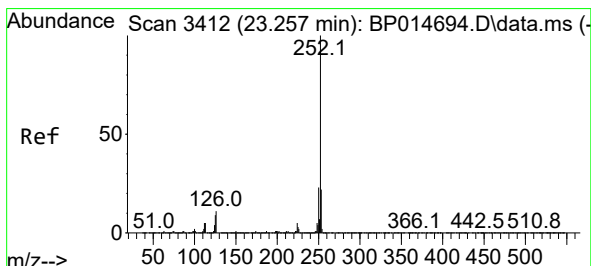
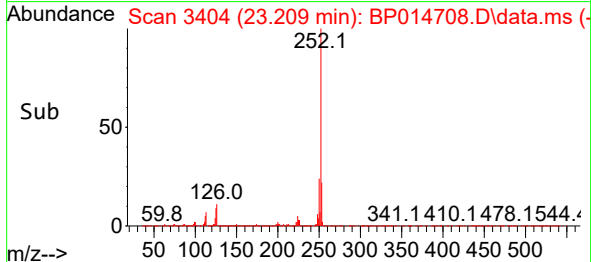
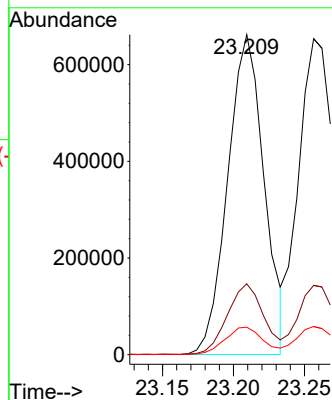
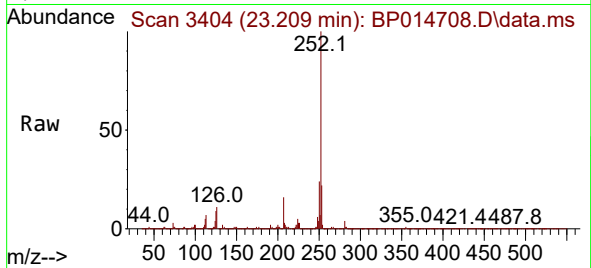




#90
Benzo(b)fluoranthene
Concen: 33.560 ng/ul
RT: 23.209 min Scan# 3403
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

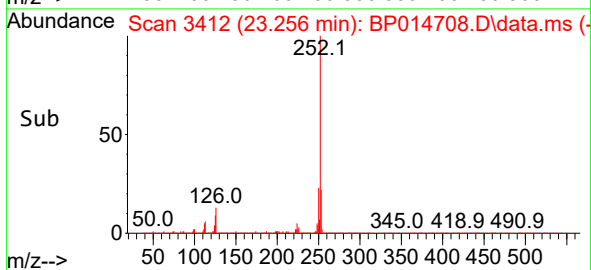
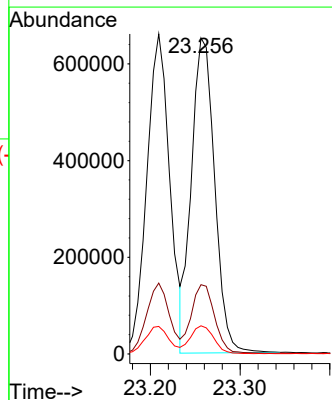
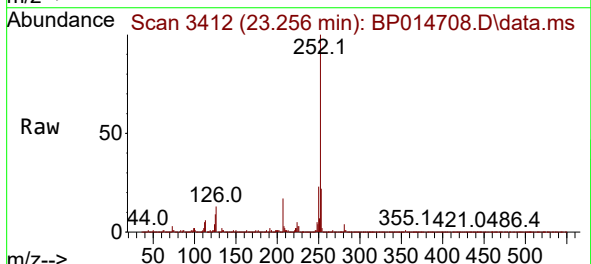
Instrument :
BNA_P
ClientSampleId :
SLCS086

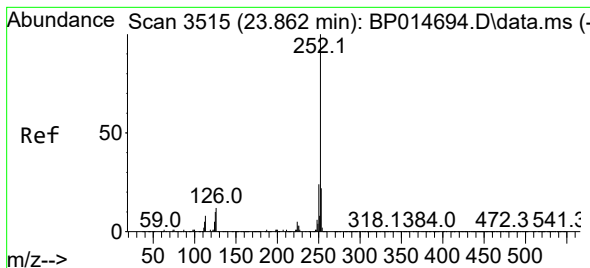
Tgt Ion:252 Resp: 1179898
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 8.6 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 34.300 ng/ul
RT: 23.256 min Scan# 3412
Delta R.T. -0.006 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:252 Resp: 1171218
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 8.9 6.9 10.3





#93

Benzo(a)pyrene

Concen: 34.691 ng/ul

RT: 23.868 min Scan# 3515

Delta R.T. -0.000 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

Instrument :

BNA_P

ClientSampleId :

SLCS086

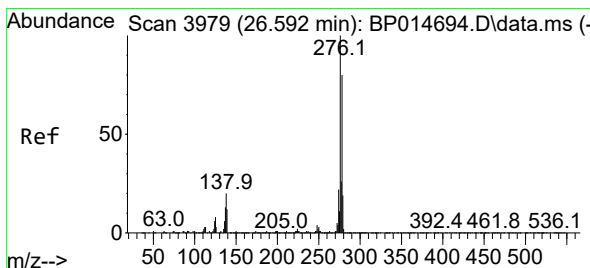
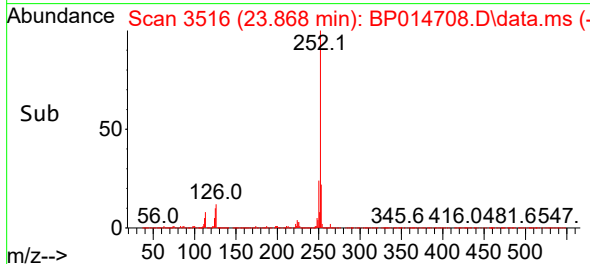
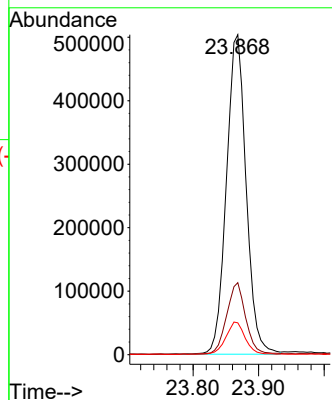
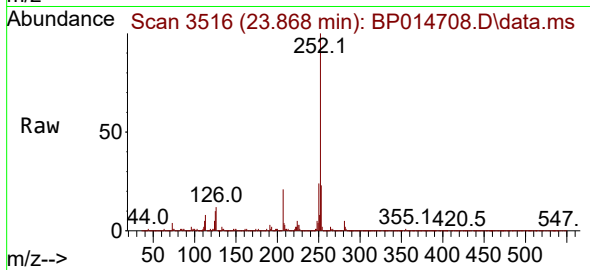
Tgt Ion:252 Resp: 1049825

Ion Ratio Lower Upper

252 100

253 22.5 16.9 25.3

125 10.0 6.8 10.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.983 ng/ul

RT: 26.591 min Scan# 3979

Delta R.T. -0.006 min

Lab File: BP014708.D

Acq: 13 Apr 2023 12:11

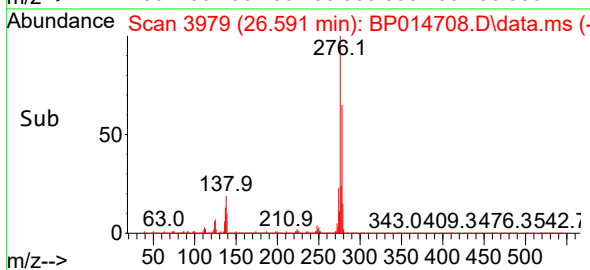
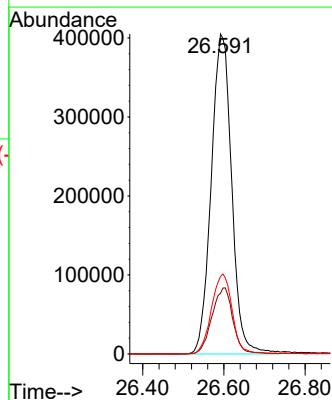
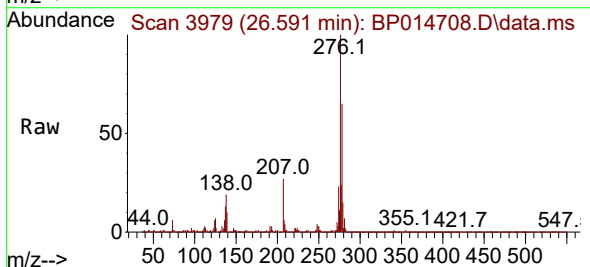
Tgt Ion:276 Resp: 1414880

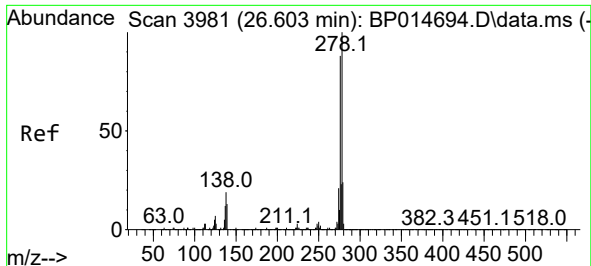
Ion Ratio Lower Upper

276 100

138 19.0 14.9 22.3

277 24.2 20.3 30.5

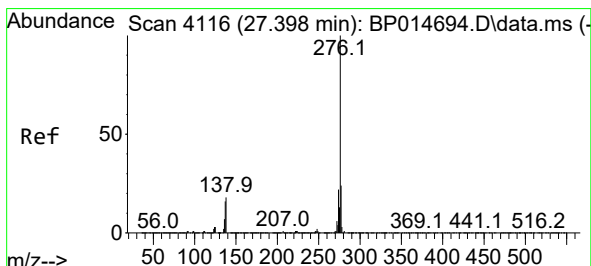
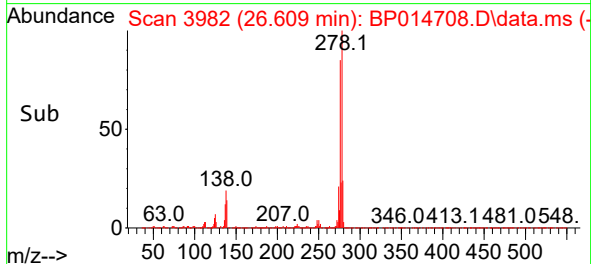
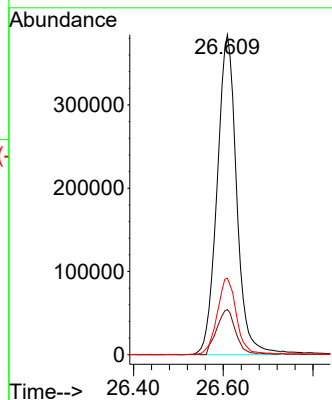
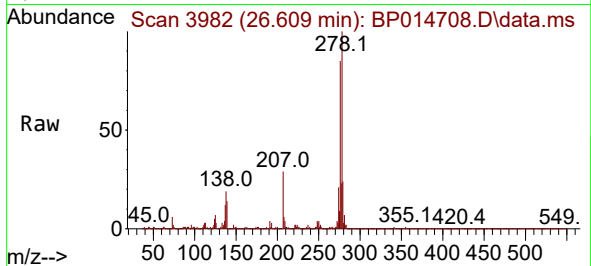




#95
Dibenzo(a,h)anthracene
Concen: 33.306 ng/ul
RT: 26.609 min Scan# 3981
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Instrument :
BNA_P
ClientSampleId :
SLCS086

Tgt Ion:278 Resp: 1160980
Ion Ratio Lower Upper
278 100
139 14.1 10.4 15.6
279 23.9 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 33.396 ng/ul
RT: 27.403 min Scan# 4117
Delta R.T. -0.000 min
Lab File: BP014708.D
Acq: 13 Apr 2023 12:11

Tgt Ion:276 Resp: 1133370
Ion Ratio Lower Upper
276 100
138 17.5 13.0 19.4
277 24.0 18.4 27.6

