

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062008.D
 Acq On : 11 Jul 2024 13:32
 Operator : MA/JU
 Sample : PB161928BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS928

Quant Time: Jul 12 00:05:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	34693	20.000	ng/ul	0.00
20) Naphthalene-d8	10.850	136	161720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	120746	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.413	188	302571	20.000	ng/ul	0.00
79) Chrysene-d12	21.673	240	283682	20.000	ng/ul	0.00
88) Perylene-d12	24.875	264	333235	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	8931	9.674	ng/uL	0.00
4) Pyridine-d5	3.853	84	96455	33.979	ng/ul	0.00
7) Phenol-d5	7.196	99	113377	29.862	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.360	67	69219	28.790	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	81053	31.123	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	88494	29.603	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	41553	33.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	49174	35.010	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.468	165	95813	35.366	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	112364	28.568	ng/ul	0.00
46) Dimethylphthalate-d6	14.076	166	330105	33.253	ng/ul	0.00
49) Acenaphthylene-d8	14.370	160	351576	33.870	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	55987	35.317	ng/ul	0.00
60) Fluorene-d10	15.662	176	289498	34.642	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	51669	32.516	ng/ul	0.00
73) Anthracene-d10	17.513	188	469990	33.270	ng/ul	0.00
81) Pyrene-d10	19.799	212	566497	33.951	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	582739	35.260	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.471	88	15658	15.366	ng/uL	86
5) Pyridine	3.870	79	96127	33.019	ng/ul	91
6) Benzaldehyde	7.178	77	64038	31.869	ng/ul	93
8) Phenol	7.225	94	119215	30.669	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.454	93	84850	28.415	ng/ul	96
12) 2-Chlorophenol	7.601	128	88440	33.333	ng/ul#	86
13) 2-Methylphenol	8.482	108	83905	30.243	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.559	45	179012	27.439	ng/ul	99
16) Acetophenone	8.864	105	147244	29.819	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.847	70	78234	28.300	ng/ul#	90
18) 4-Methylphenol	8.811	108	92644	29.818	ng/ul	93
19) Hexachloroethane	9.123	117	37353	32.453	ng/ul#	79
22) Nitrobenzene	9.252	77	120018	34.376	ng/ul	96
23) Isophorone	9.769	82	234363	29.713	ng/ul#	98
25) 2-Nitrophenol	9.957	139	50927	35.554	ng/ul	95
26) 2,4-Dimethylphenol	10.016	107	98795	28.819	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.251	93	128122	29.497	ng/ul	98
29) 2,4-Dichlorophenol	10.498	162	88908	34.936	ng/ul	93
30) Naphthalene	10.903	128	293965	33.092	ng/ul	97
32) 4-Chloroaniline	11.009	127	111114	28.790	ng/ul	96
33) Hexachlorobutadiene	11.173	225	68865	35.960	ng/ul	90
34) Caprolactam	11.767	113	23534	23.604	ng/ul#	78
35) 4-Chloro-3-methylphenol	12.131	107	122227	36.062	ng/ul	94
36) 2-Methylnaphthalene	12.501	142	217099	33.733	ng/ul	96

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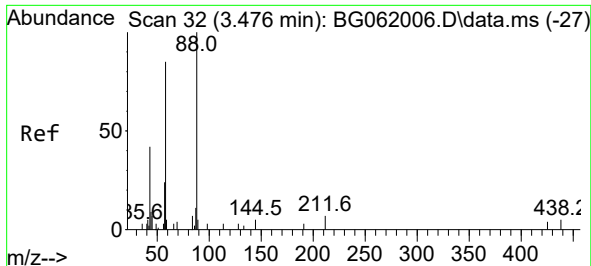
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.724	142	216866	32.426	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.866	216	126002	34.749	ng/ul	97
40) Hexachlorocyclopentadiene	12.842	237	53214	22.046	ng/ul	90
41) 2,4,6-Trichlorophenol	13.106	196	74919	31.107	ng/ul	98
42) 2,4,5-Trichlorophenol	13.183	196	85852	32.450	ng/ul	91
43) 1,1'-Biphenyl	13.506	154	301573	32.415	ng/ul#	97
44) 2-Chloronaphthalene	13.553	162	220389	31.564	ng/ul	91
45) 2-Nitroaniline	13.759	65	97290	34.795	ng/ul	94
47) Dimethylphthalate	14.123	163	316074	33.103	ng/ul	98
48) 2,6-Dinitrotoluene	14.246	165	62995	34.778	ng/ul	97
50) Acenaphthylene	14.399	152	363662	31.921	ng/ul	96
51) 3-Nitroaniline	14.575	138	63372	35.942	ng/ul	96
52) Acenaphthene	14.734	153	258076	32.806	ng/ul	92
53) 2,4-Dinitrophenol	14.787	184	24067	25.432	ng/ul	93
55) 4-Nitrophenol	14.887	109	73126	40.416	ng/ul	93
56) Dibenzofuran	15.069	168	373788	33.619	ng/ul	98
57) 2,4-Dinitrotoluene	15.034	165	97317	36.635	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.292	232	73236	30.656	ng/ul#	95
59) Diethylphthalate	15.480	149	343987	33.432	ng/ul	97
61) Fluorene	15.721	166	314833	33.297	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.709	204	160070	33.703	ng/ul	90
63) 4-Nitroaniline	15.739	138	73746	41.219	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.797	198	54554	31.900	ng/ul#	98
67) N-Nitrosodiphenylamine	15.921	169	275702	33.366	ng/ul	96
68) 4-Bromophenyl-phenylether	16.602	248	117547	34.244	ng/ul	95
69) Hexachlorobenzene	16.714	284	141223	35.779	ng/ul	99
70) Atrazine	16.861	200	16527	5.067	ng/ul	92
72) Phenanthrene	17.460	178	545849	34.214	ng/ul	99
74) Anthracene	17.548	178	539513	32.722	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.471	216	127530	33.936	ng/ul	93
76) Pentachlorobenzene	14.987	250	144676	33.754	ng/ul	97
77) Carbazole	17.819	167	487111	35.106	ng/ul	99
78) Di-n-butylphthalate	18.365	149	618333	34.709	ng/ul	98
80) Fluoranthene	19.464	202	642166	32.520	ng/ul#	93
82) Pyrene	19.828	202	679645	33.319	ng/ul#	93
83) Butylbenzylphthalate	20.703	149	280198	32.731	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.567	252	232444	34.442	ng/ul	95
85) Benzo(a)anthracene	21.655	228	697243	33.946	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.549	149	410437	33.412	ng/ul	98
87) Chrysene	21.720	228	652428	33.931	ng/ul	98
89) Di-n-octyl phthalate	22.760	149	692773	34.029	ng/ul	100
90) Benzo(b)fluoranthene	23.858	252	732604	34.894	ng/ul	97
91) Benzo(k)fluoranthene	23.858	252	732604	34.992	ng/ul	98
93) Benzo(a)pyrene	24.734	252	633966	31.888	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.535	276	894136	35.194	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.594	278	748173	35.656	ng/ul	95
96) Benzo(g,h,i)perylene	29.663	276	316948	15.681	ng/ul#	95

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

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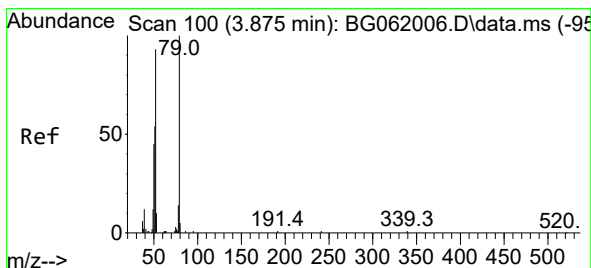
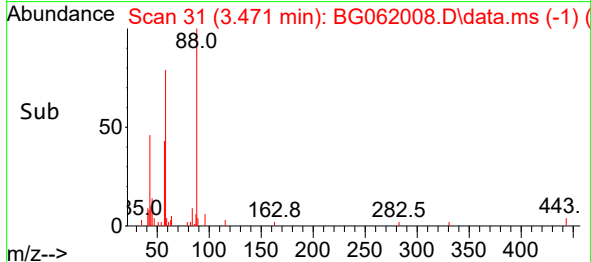
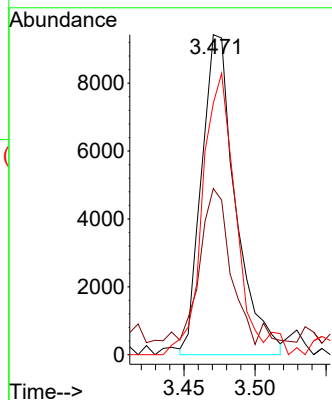
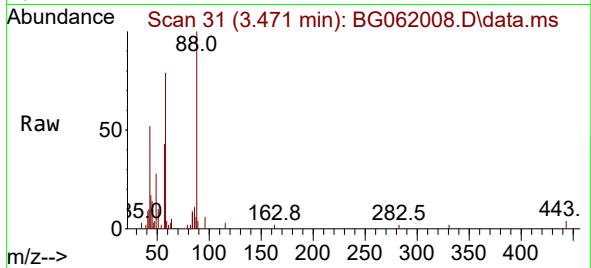




#2
1,4-Dioxane
Concen: 15.366 ng/uL
RT: 3.471 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

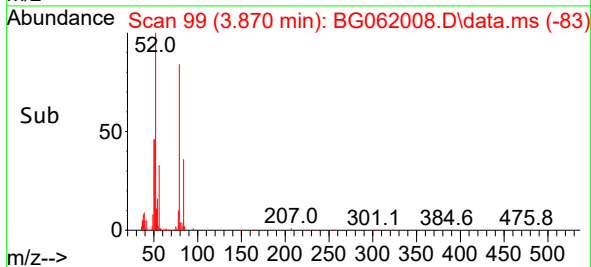
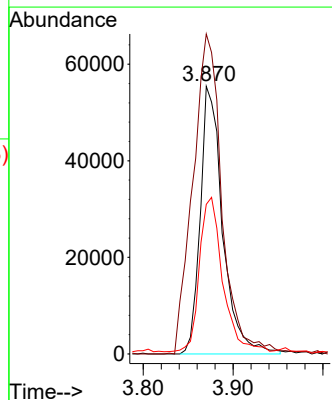
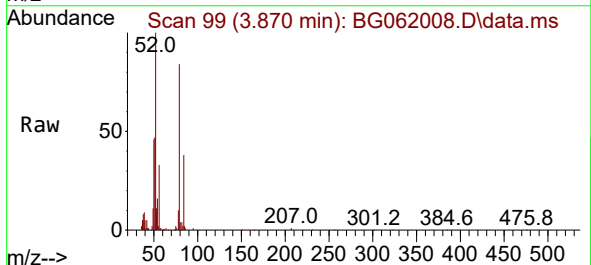
Instrument :
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ClientSampleId :
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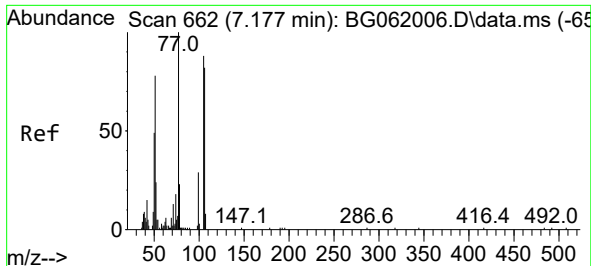
Tgt Ion: 88 Resp: 15658
Ion Ratio Lower Upper
88 100
43 51.9 39.4 59.2
58 78.6 78.1 117.1



#5
Pyridine
Concen: 33.019 ng/uL
RT: 3.870 min Scan# 99
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion: 79 Resp: 96127
Ion Ratio Lower Upper
79 100
52 119.6 86.0 129.0
51 55.9 46.4 69.6

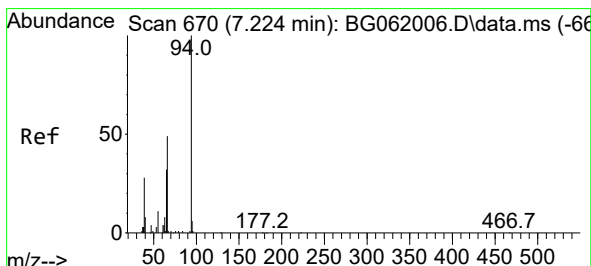
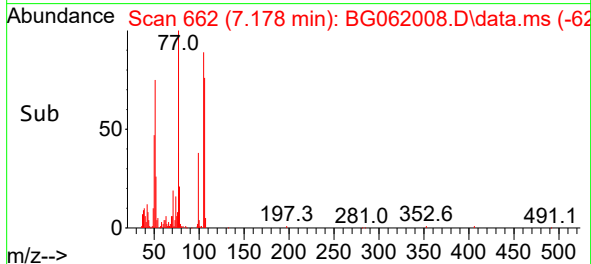
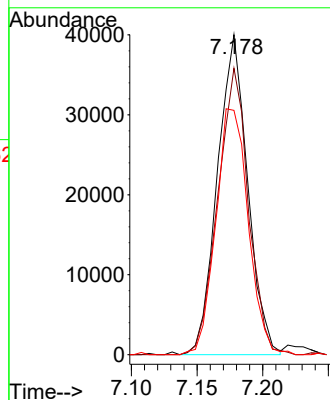
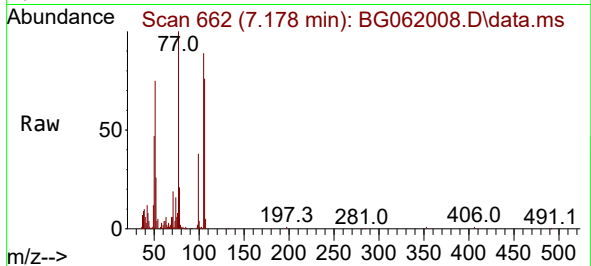




#6
Benzaldehyde
Concen: 31.869 ng/ul
RT: 7.178 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

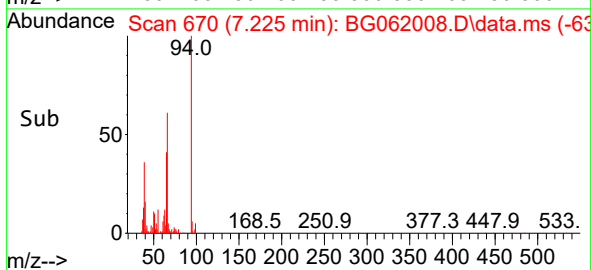
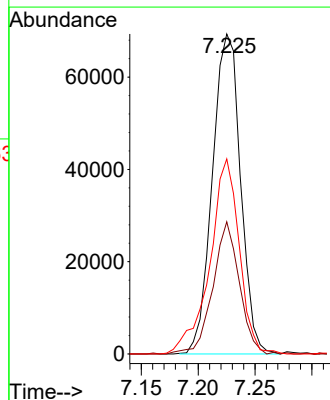
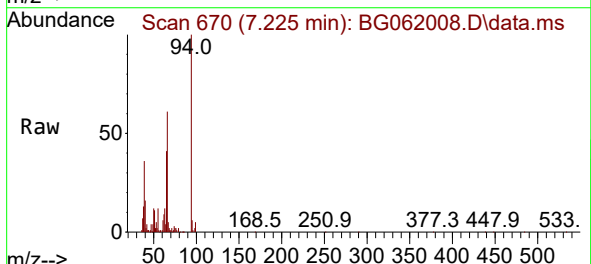
Instrument :
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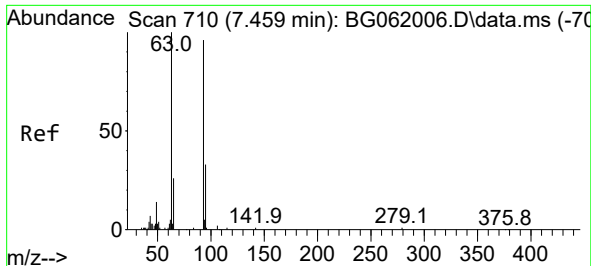
Tgt Ion: 77 Resp: 64038
Ion Ratio Lower Upper
77 100
105 89.5 79.6 119.4
106 76.4 62.6 93.8



#8
Phenol
Concen: 30.669 ng/ul
RT: 7.225 min Scan# 670
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion: 94 Resp: 119215
Ion Ratio Lower Upper
94 100
65 41.3 29.0 43.4
66 61.0 37.4 56.2#

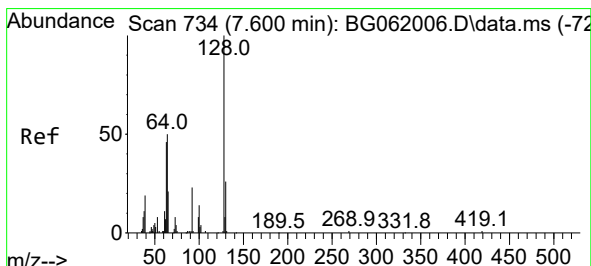
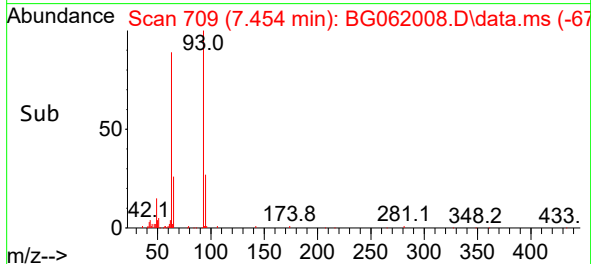
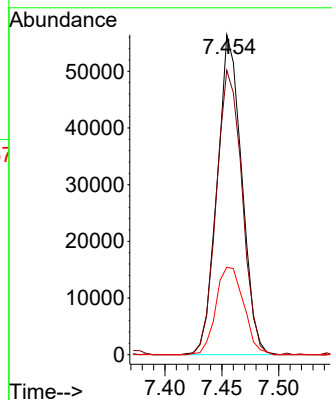
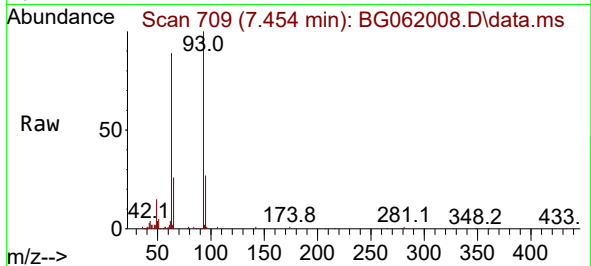




#10
Bis(2-Chloroethyl)ether
Concen: 28.415 ng/ul
RT: 7.454 min Scan# 709
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

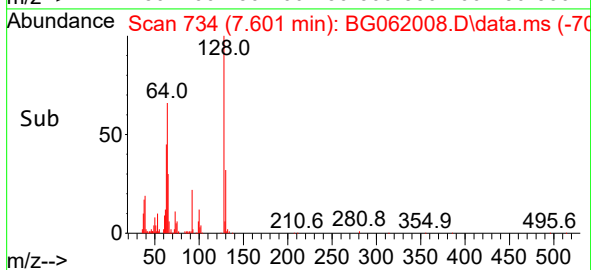
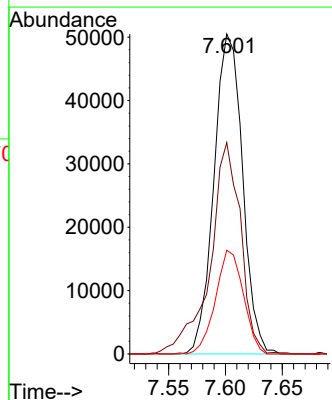
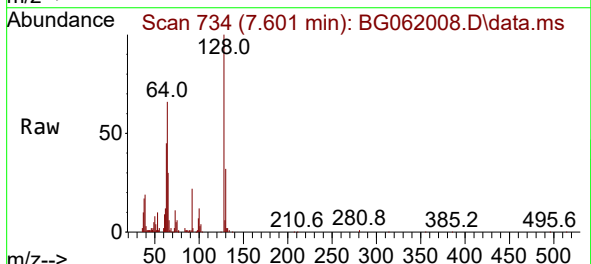
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ClientSampleId :
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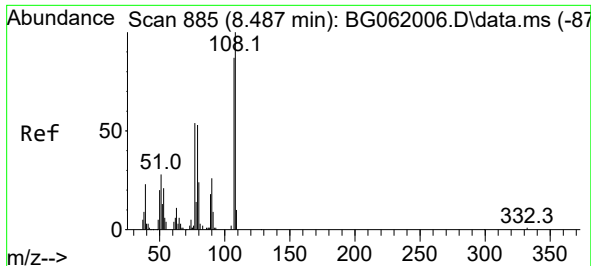
Tgt Ion: 93 Resp: 84850
Ion Ratio Lower Upper
93 100
63 88.9 72.2 108.2
95 27.3 26.7 40.1



#12
2-Chlorophenol
Concen: 33.333 ng/ul
RT: 7.601 min Scan# 734
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:128 Resp: 88440
Ion Ratio Lower Upper
128 100
64 66.0 42.6 63.8#
130 32.4 23.3 34.9





#13

2-Methylphenol

Concen: 30.243 ng/ul

RT: 8.482 min Scan# 885

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

Instrument :

BNA_G

ClientSampleId :

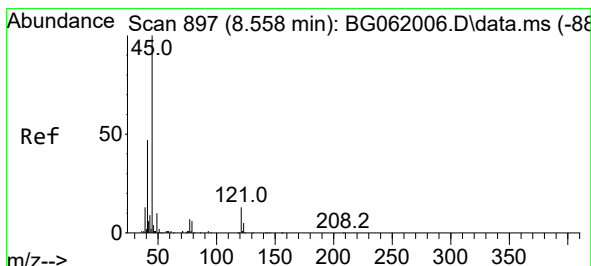
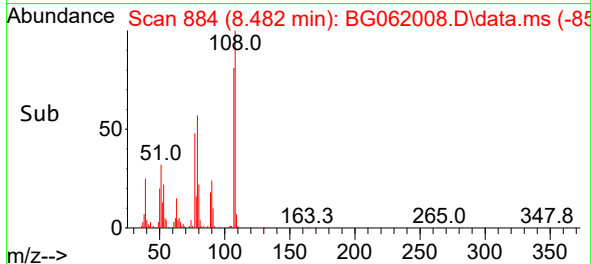
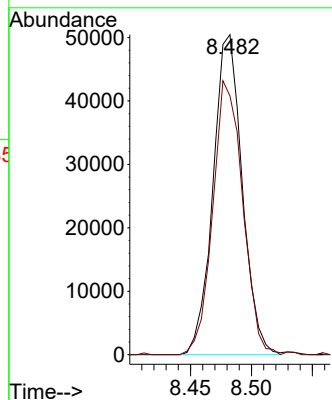
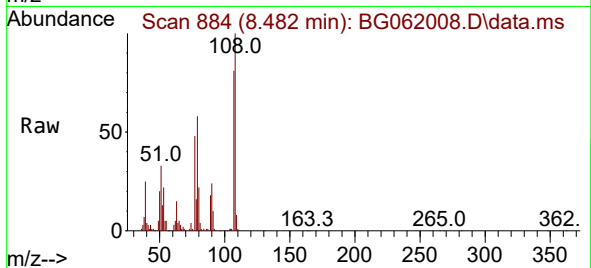
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Tgt Ion:108 Resp: 83905

Ion Ratio Lower Upper

108 100

107 80.8 74.9 112.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.439 ng/ul

RT: 8.559 min Scan# 897

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

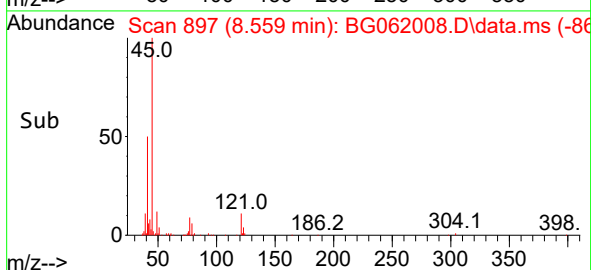
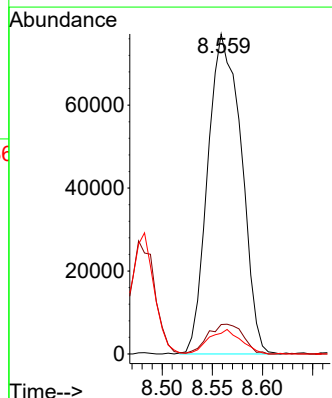
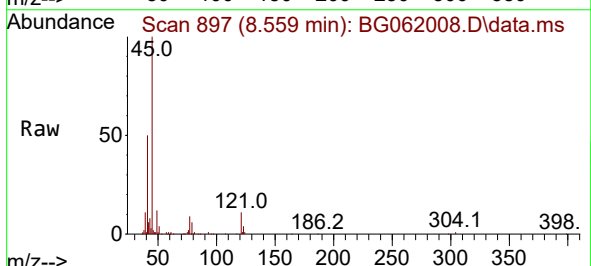
Tgt Ion: 45 Resp: 179012

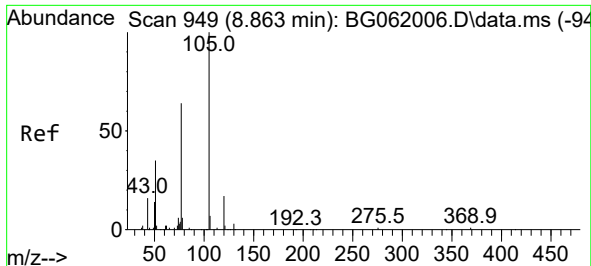
Ion Ratio Lower Upper

45 100

77 9.2 7.4 11.0

79 6.4 4.8 7.2

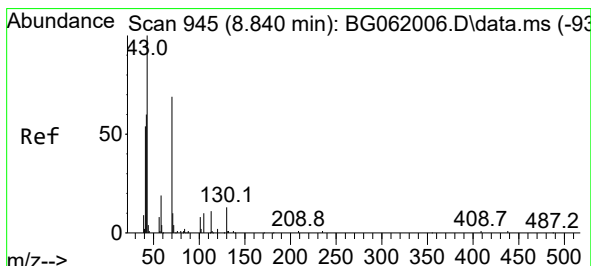
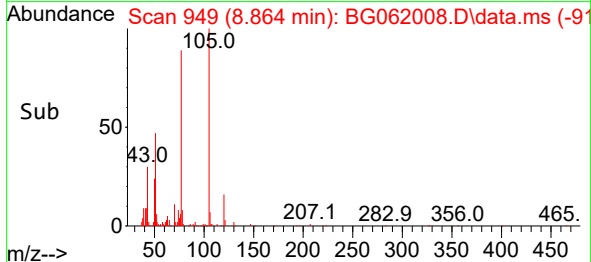
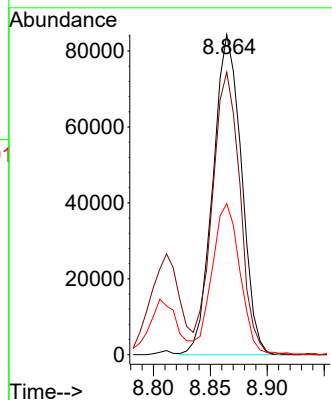
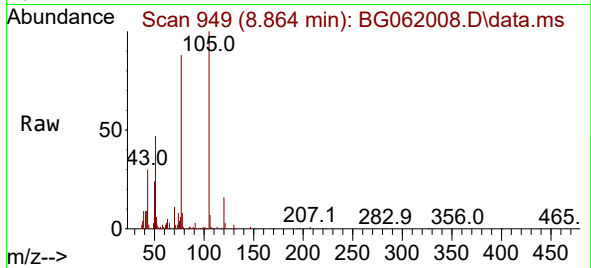




#16
Acetophenone
Concen: 29.819 ng/ul
RT: 8.864 min Scan# 949
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

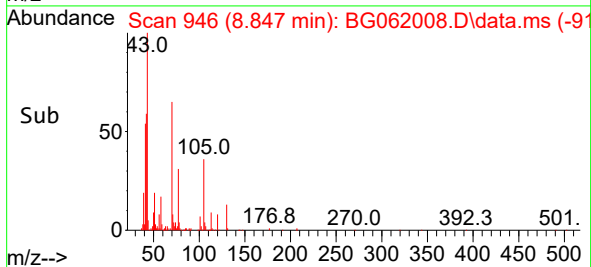
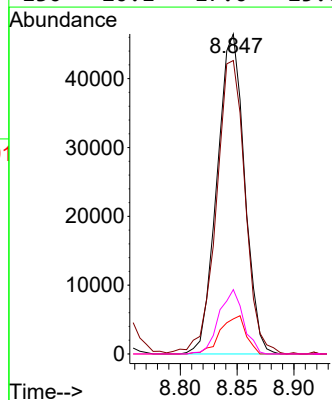
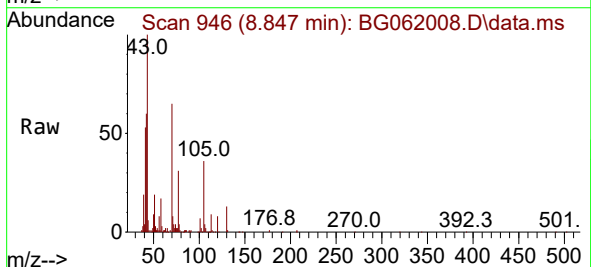
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ClientSampleId :
SLCS928

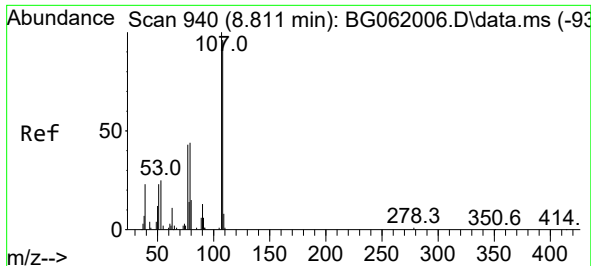
Tgt Ion:105 Resp: 147244
Ion Ratio Lower Upper
105 100
77 88.3 64.1 96.1
51 47.2 33.8 50.8



#17
N-Nitroso-di-n-propylamine
Concen: 28.300 ng/ul
RT: 8.847 min Scan# 946
Delta R.T. 0.007 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion: 70 Resp: 78234
Ion Ratio Lower Upper
70 100
42 91.7 64.7 97.1
101 11.0 7.3 10.9#
130 20.1 17.0 25.6

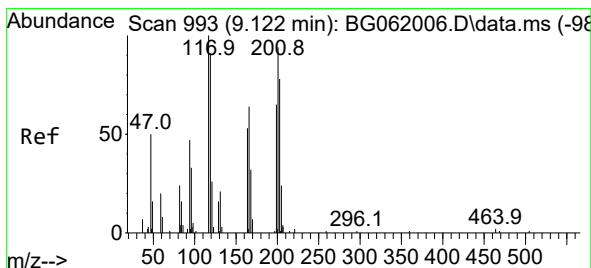
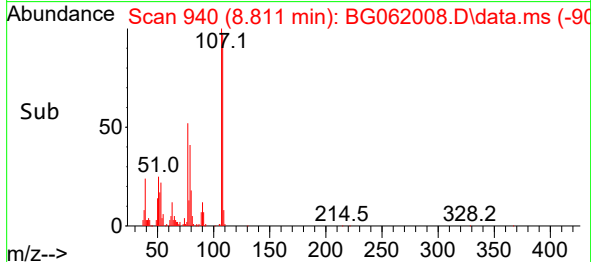
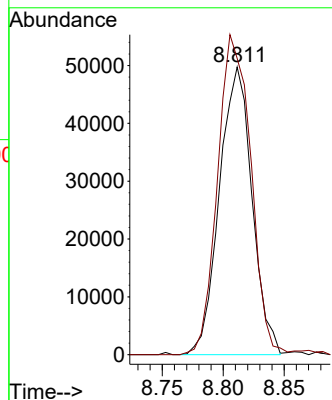
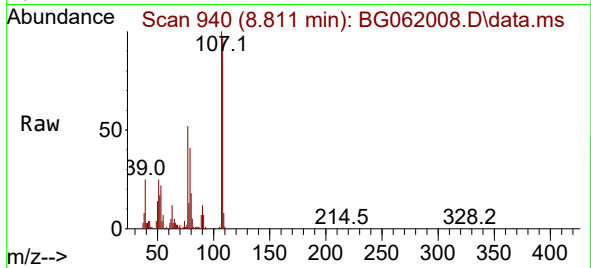




#18
4-Methylphenol
Concen: 29.818 ng/ul
RT: 8.811 min Scan# 940
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

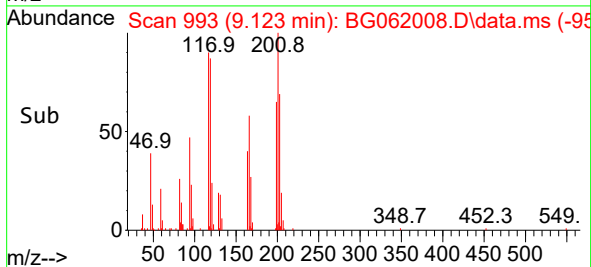
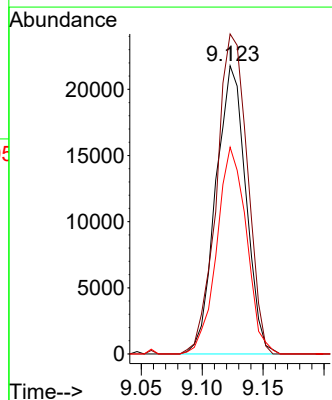
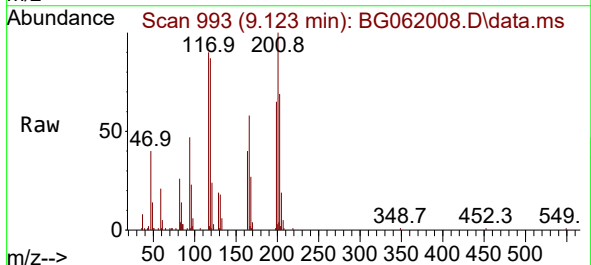
Instrument :
BNA_G
ClientSampleId :
SLCS928

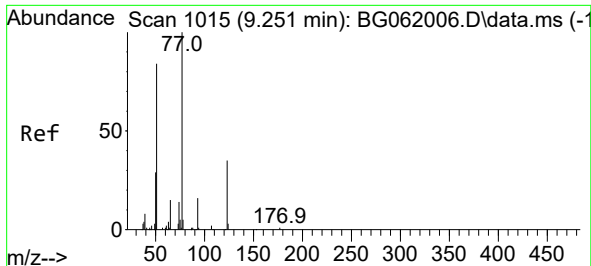
Tgt Ion:108 Resp: 92644
Ion Ratio Lower Upper
108 100
107 103.0 88.4 132.6



#19
Hexachloroethane
Concen: 32.453 ng/ul
RT: 9.123 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:117 Resp: 37353
Ion Ratio Lower Upper
117 100
201 112.4 69.3 103.9#
199 70.1 48.9 73.3

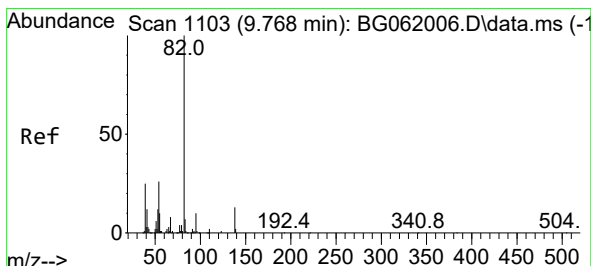
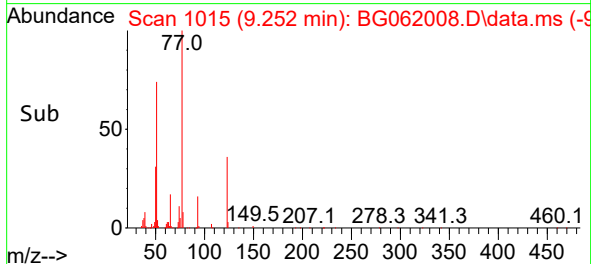
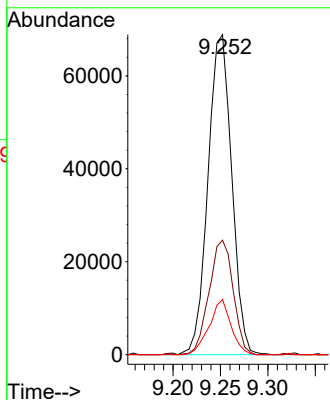
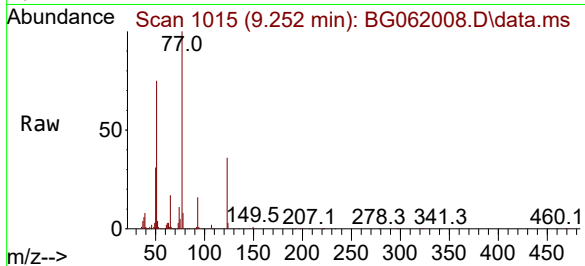




#22
Nitrobenzene
Concen: 34.376 ng/ul
RT: 9.252 min Scan# 1015
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

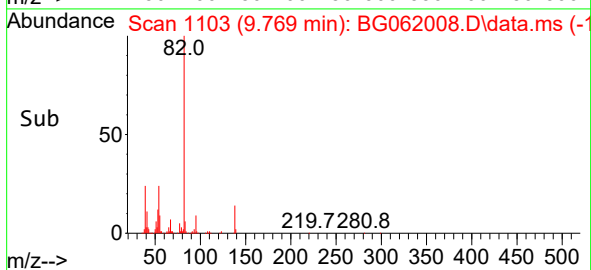
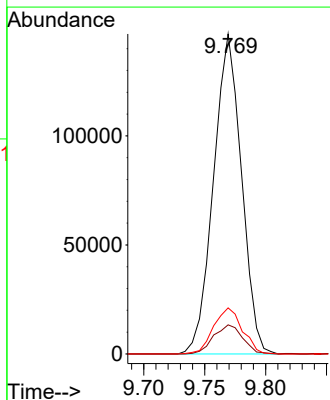
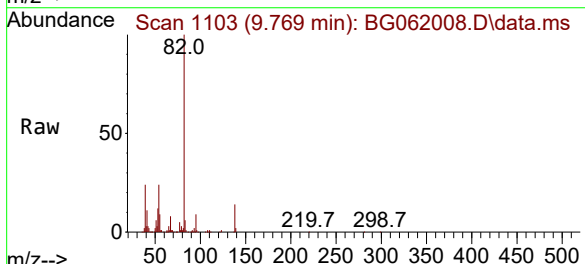
Instrument :
BNA_G
ClientSampleId :
SLCS928

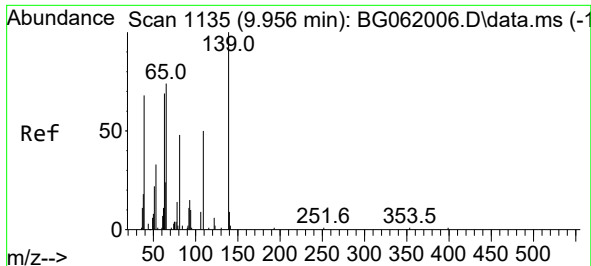
Tgt Ion: 77 Resp: 120018
Ion Ratio Lower Upper
77 100
123 35.8 31.0 46.6
65 17.3 12.7 19.1



#23
Isophorone
Concen: 29.713 ng/ul
RT: 9.769 min Scan# 1103
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion: 82 Resp: 234363
Ion Ratio Lower Upper
82 100
95 9.1 6.0 9.0#
138 14.4 11.9 17.9

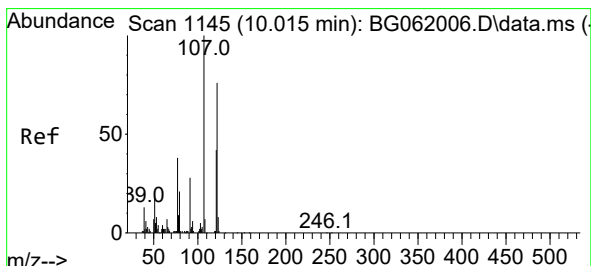
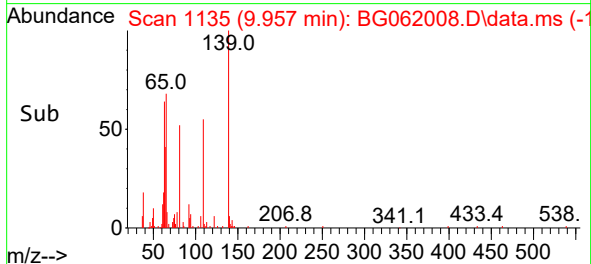
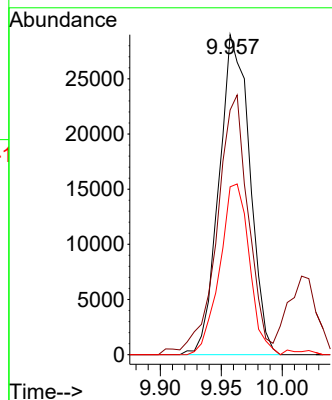
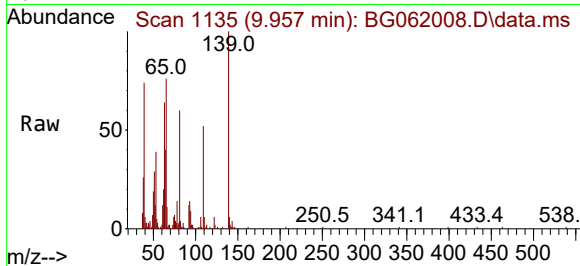




#25
2-Nitrophenol
Concen: 35.554 ng/ul
RT: 9.957 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

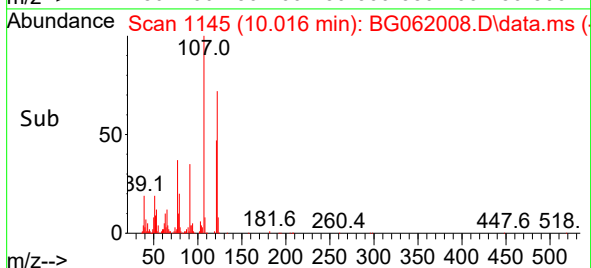
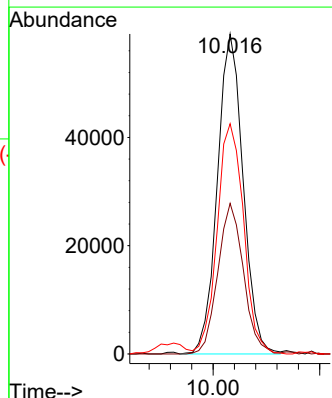
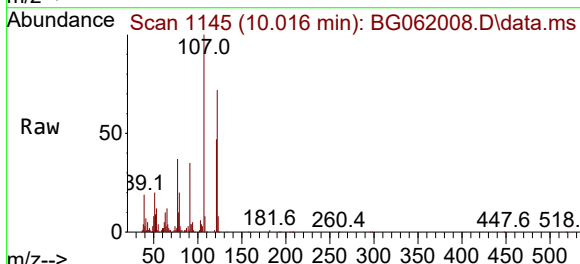
Instrument :
BNA_G
ClientSampleId :
SLCS928

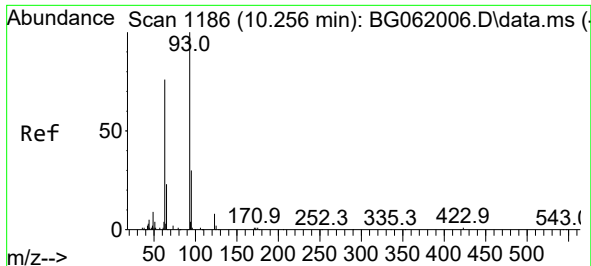
Tgt Ion:139	Resp:	50927
Ion	Ratio	Lower Upper
139	100	
65	76.4	61.6 92.4
109	52.4	35.4 53.2



#26
2,4-Dimethylphenol
Concen: 28.819 ng/ul
RT: 10.016 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:107	Resp:	98795
Ion	Ratio	Lower Upper
107	100	
121	47.0	35.6 53.4
122	71.9	62.2 93.2

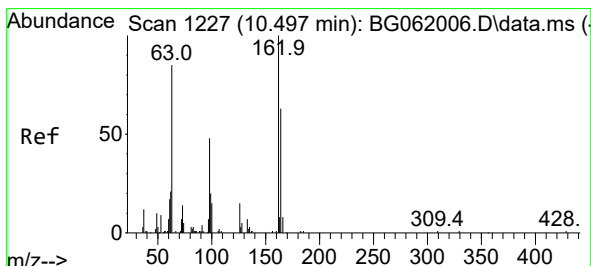
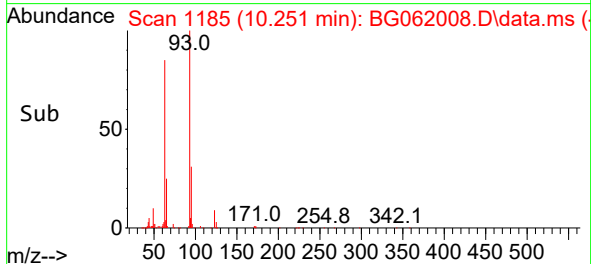
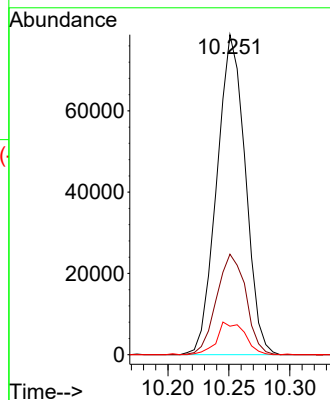
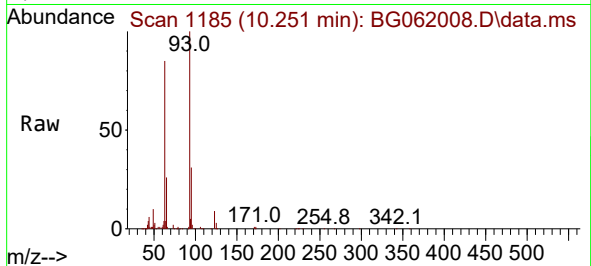




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.497 ng/ul
 RT: 10.251 min Scan# 1185
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

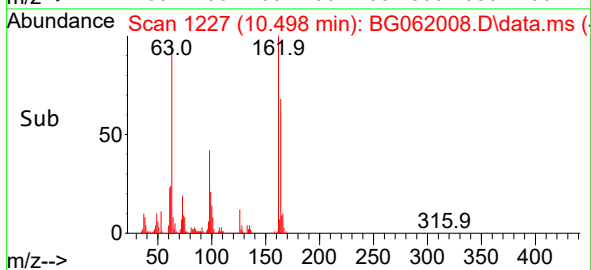
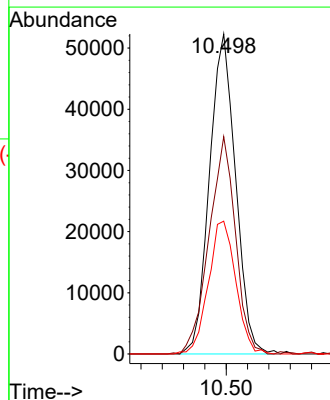
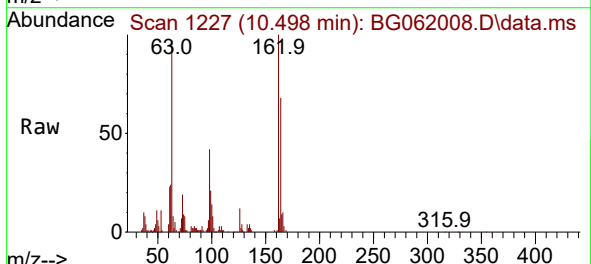
Instrument :
 BNA_G
 ClientSampleId :
 SLCS928

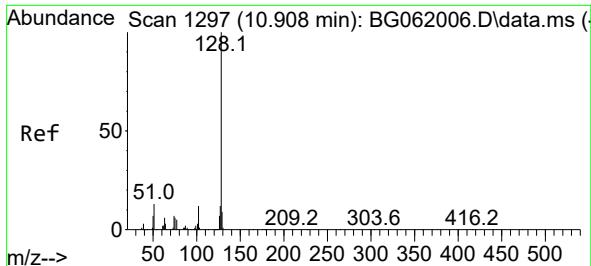
Tgt Ion: 93 Resp: 128122
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.2 39.2
 123 8.9 7.5 11.3



#29
 2,4-Dichlorophenol
 Concen: 34.936 ng/ul
 RT: 10.498 min Scan# 1227
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

Tgt Ion: 162 Resp: 88908
 Ion Ratio Lower Upper
 162 100
 164 67.9 46.9 70.3
 98 41.5 33.4 50.2

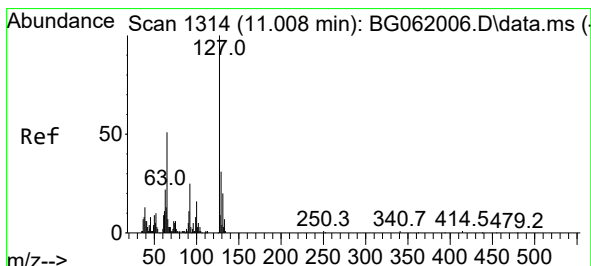
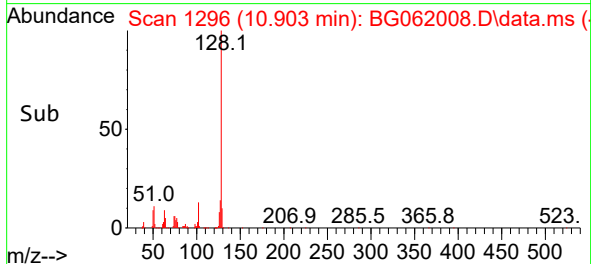
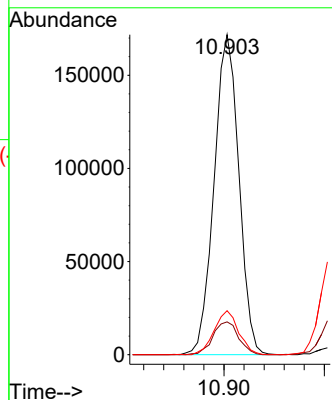
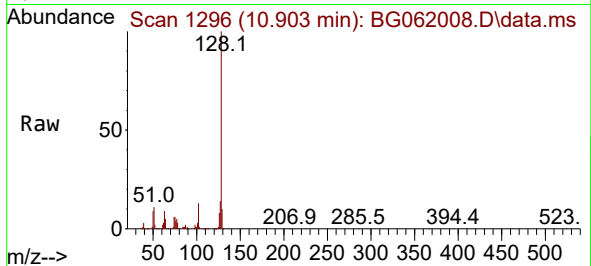




#30
Naphthalene
Concen: 33.092 ng/ul
RT: 10.903 min Scan# 1296
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

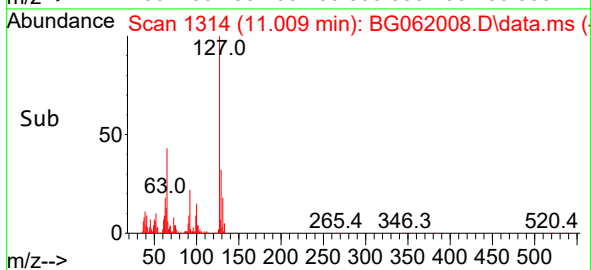
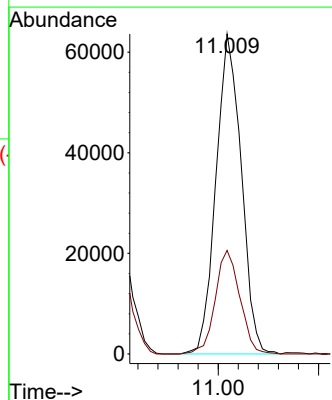
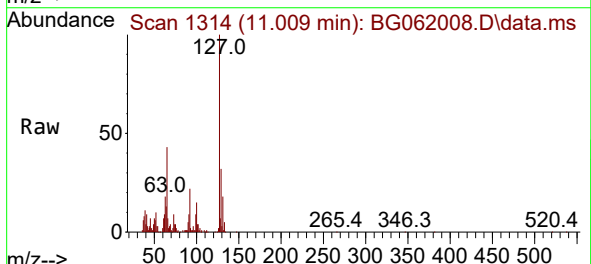
Instrument :
BNA_G
ClientSampleId :
SLCS928

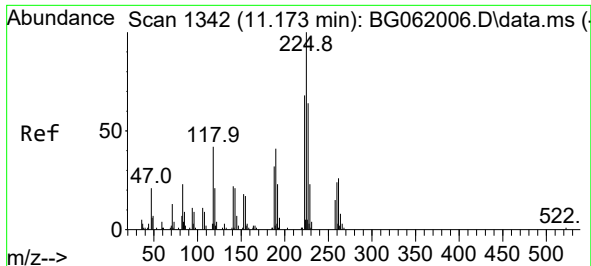
Tgt Ion:128 Resp: 293965
Ion Ratio Lower Upper
128 100
129 10.2 7.7 11.5
127 13.8 9.6 14.4



#32
4-Chloroaniline
Concen: 28.790 ng/ul
RT: 11.009 min Scan# 1314
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:127 Resp: 111114
Ion Ratio Lower Upper
127 100
129 32.4 24.2 36.4

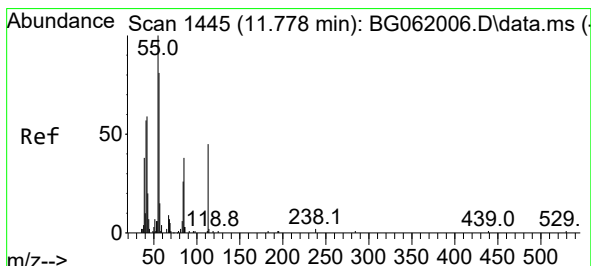
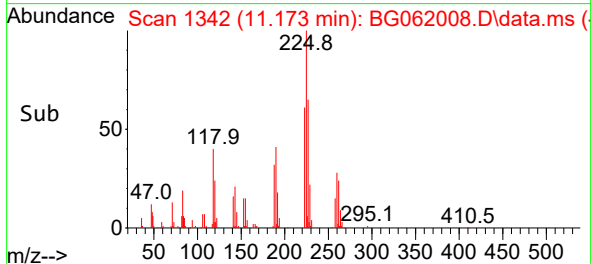
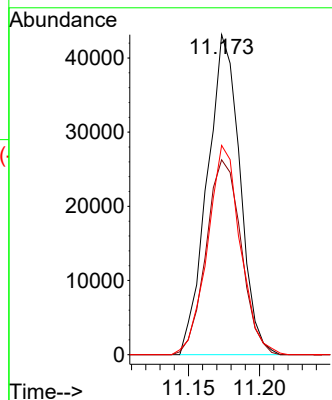
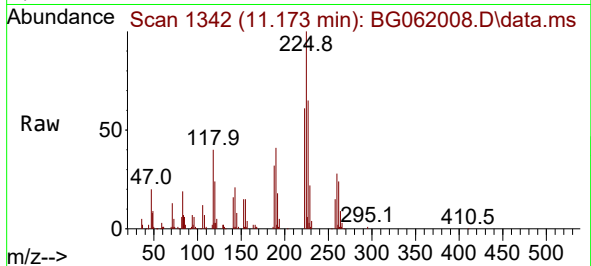




#33
Hexachlorobutadiene
Concen: 35.960 ng/ul
RT: 11.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

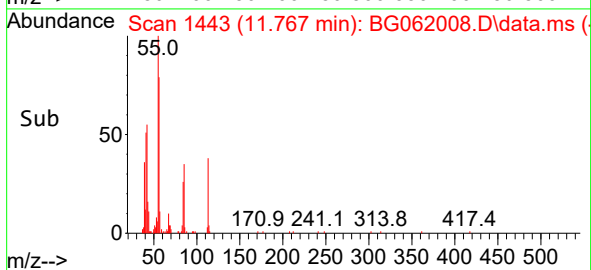
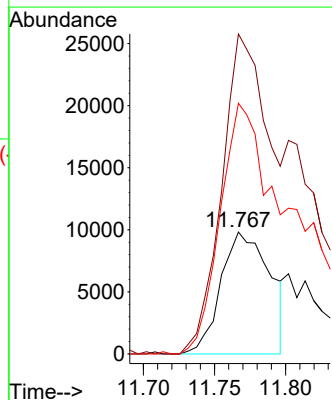
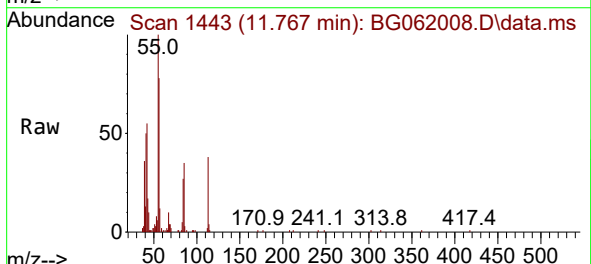
Instrument :
BNA_G
ClientSampleId :
SLCS928

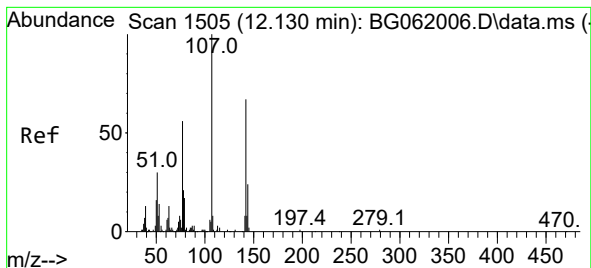
Tgt Ion:225 Resp: 68865
Ion Ratio Lower Upper
225 100
223 60.9 45.4 68.2
227 65.4 44.0 66.0



#34
Caprolactam
Concen: 23.604 ng/ul
RT: 11.767 min Scan# 1443
Delta R.T. -0.011 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:113 Resp: 23534
Ion Ratio Lower Upper
113 100
55 262.3 184.6 276.8
56 205.5 135.0 202.6#

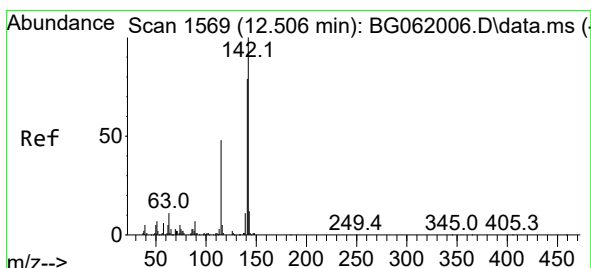
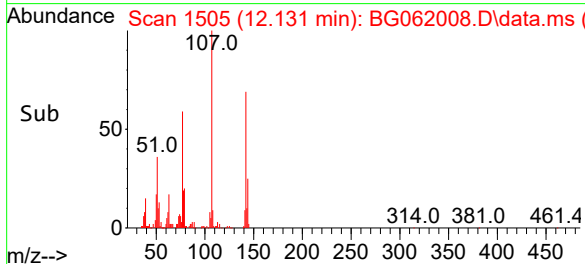
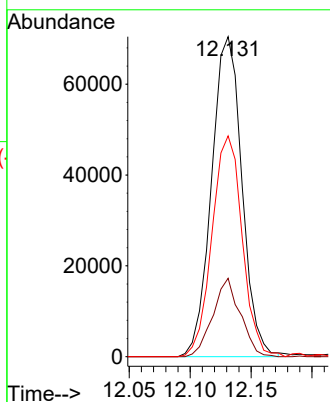
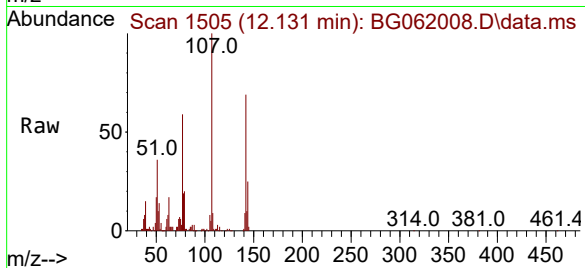




#35
4-Chloro-3-methylphenol
Concen: 36.062 ng/ul
RT: 12.131 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

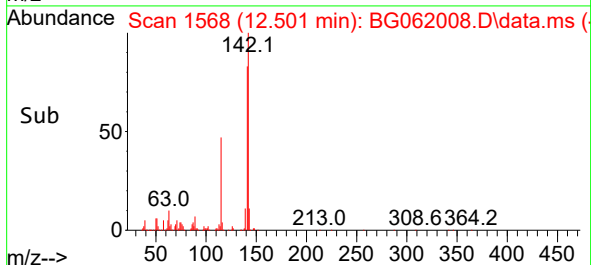
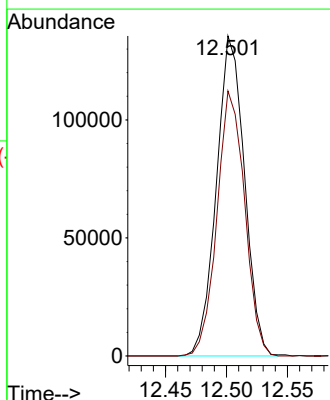
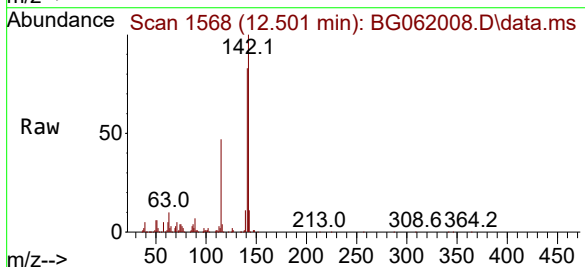
Instrument :
BNA_G
ClientSampleId :
SLCS928

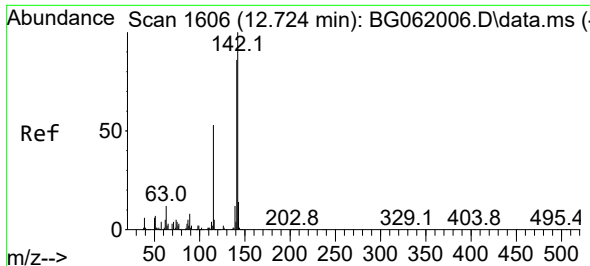
Tgt Ion:107 Resp: 122227
Ion Ratio Lower Upper
107 100
144 24.5 19.6 29.4
142 69.0 60.3 90.5



#36
2-Methylnaphthalene
Concen: 33.733 ng/ul
RT: 12.501 min Scan# 1568
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:142 Resp: 217099
Ion Ratio Lower Upper
142 100
141 82.8 69.4 104.2





#37

1-Methylnaphthalene

Concen: 32.426 ng/ul

RT: 12.724 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

Instrument :

BNA_G

ClientSampleId :

SLCS928

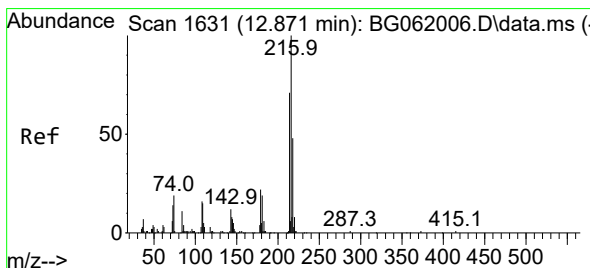
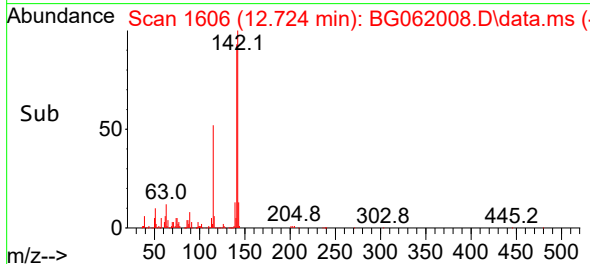
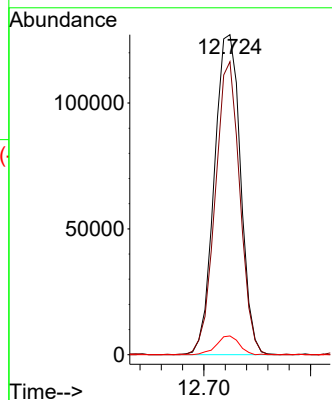
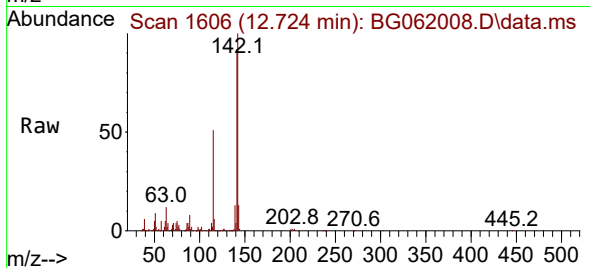
Tgt Ion:142 Resp: 216866

Ion Ratio Lower Upper

142 100

141 91.5 71.4 107.2

116 5.8 3.8 5.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.749 ng/ul

RT: 12.866 min Scan# 1630

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

Tgt Ion:216 Resp: 126002

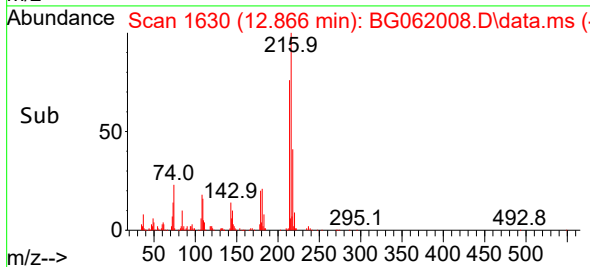
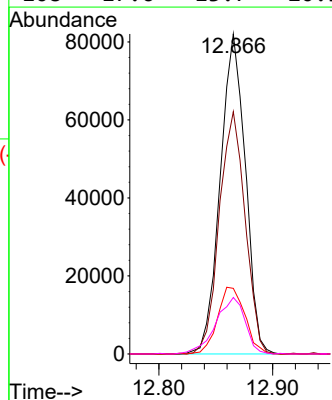
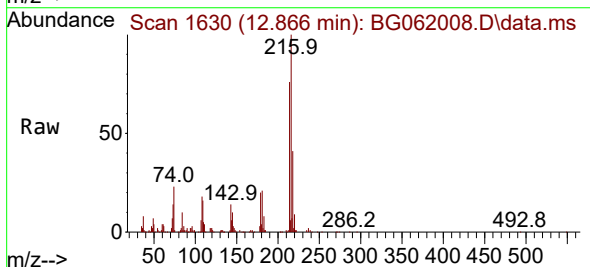
Ion Ratio Lower Upper

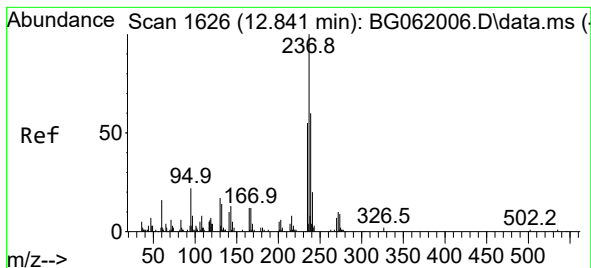
216 100

214 75.7 62.5 93.7

179 20.5 18.6 27.8

108 17.6 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 22.046 ng/ul

RT: 12.842 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

Instrument :

BNA_G

ClientSampleId :

SLCS928

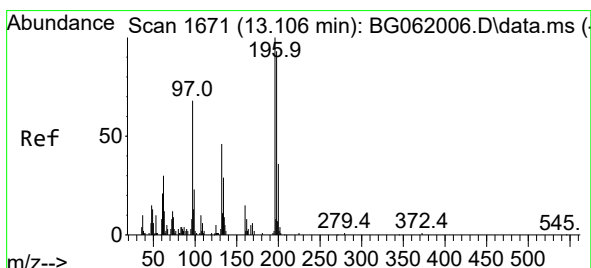
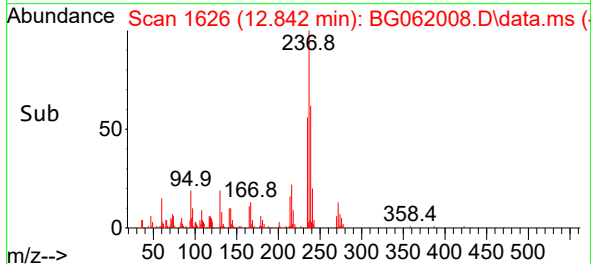
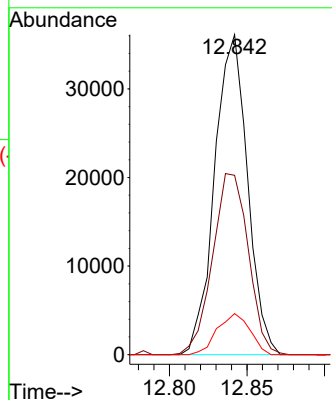
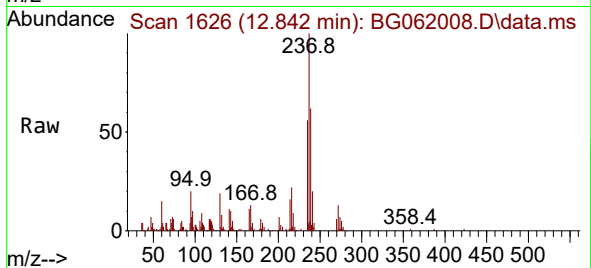
Tgt Ion:237 Resp: 53214

Ion Ratio Lower Upper

237 100

235 56.0 51.7 77.5

272 12.8 12.4 18.6



#41

2,4,6-Trichlorophenol

Concen: 31.107 ng/ul

RT: 13.106 min Scan# 1671

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

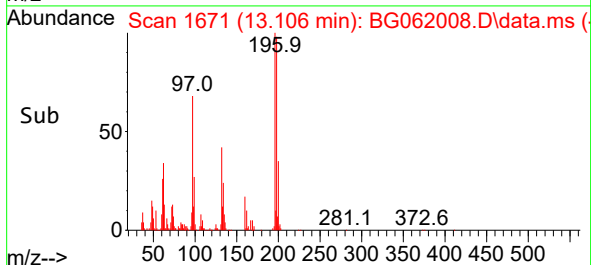
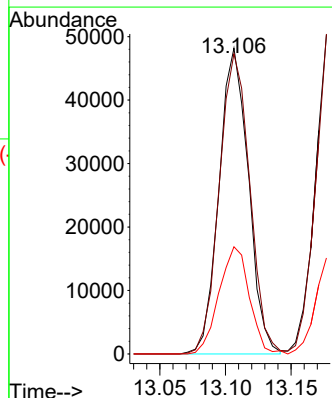
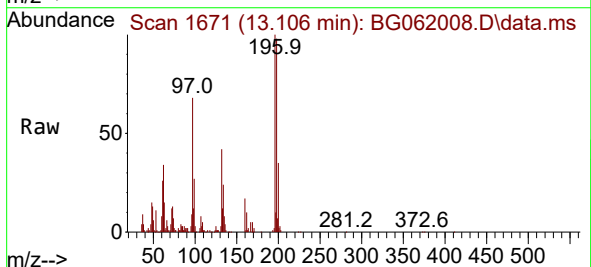
Tgt Ion:196 Resp: 74919

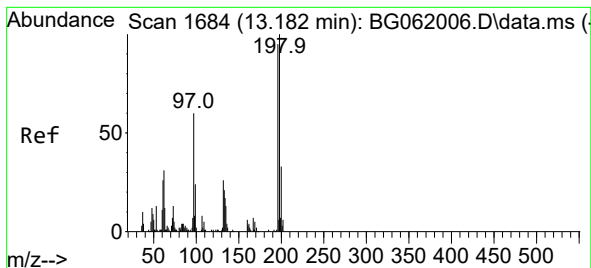
Ion Ratio Lower Upper

196 100

198 98.2 79.9 119.9

200 35.1 26.7 40.1

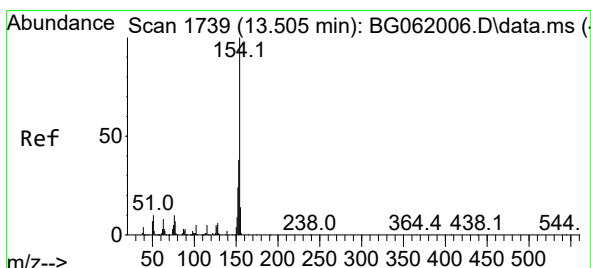
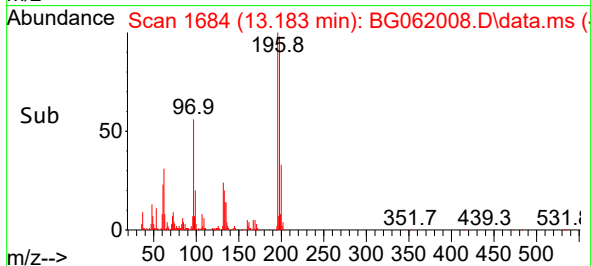
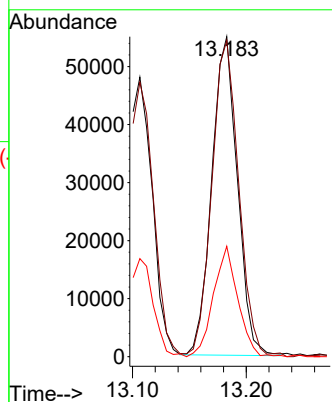
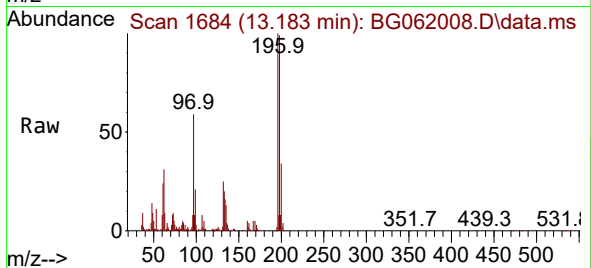




#42
 2,4,5-Trichlorophenol
 Concen: 32.450 ng/ul
 RT: 13.183 min Scan# 1
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

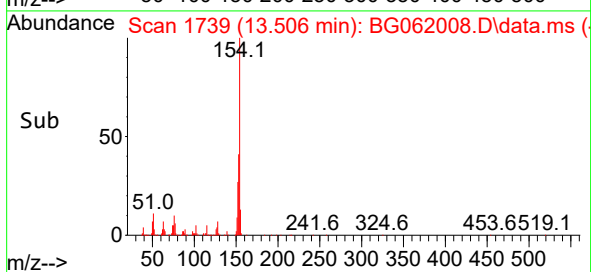
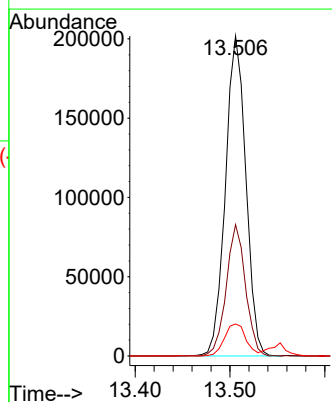
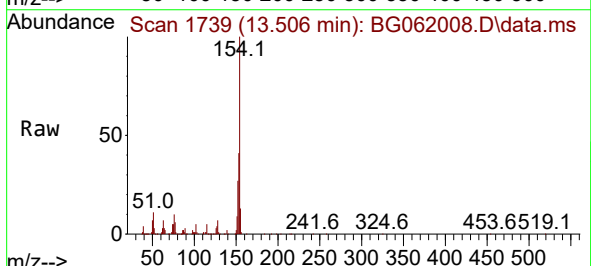
Instrument :
 BNA_G
 ClientSampleId :
 SLCS928

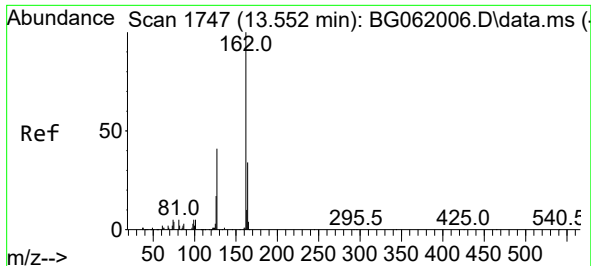
Tgt Ion:196 Resp: 85852
 Ion Ratio Lower Upper
 196 100
 198 98.8 72.5 108.7
 200 34.5 23.7 35.5



#43
 1,1'-Biphenyl
 Concen: 32.415 ng/ul
 RT: 13.506 min Scan# 1739
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

Tgt Ion:154 Resp: 301573
 Ion Ratio Lower Upper
 154 100
 153 41.0 31.7 47.5
 76 10.0 10.0 15.0#

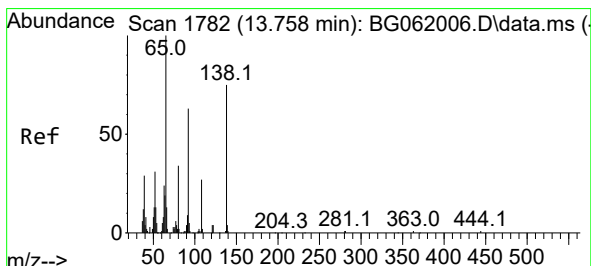
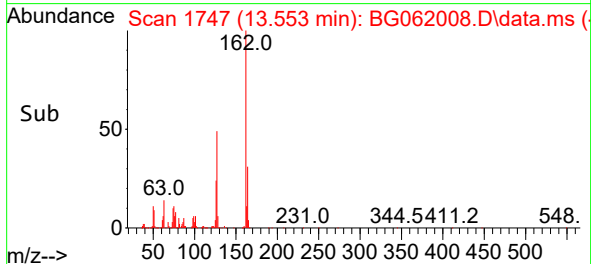
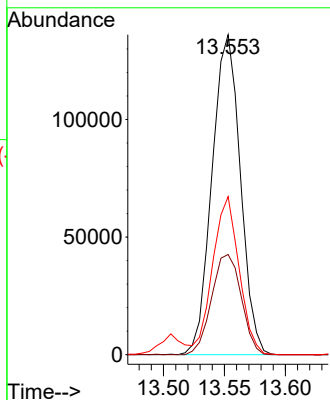
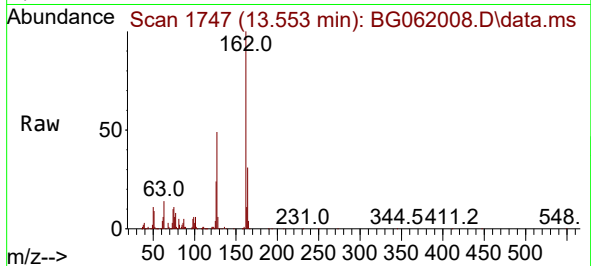




#44
2-Chloronaphthalene
Concen: 31.564 ng/ul
RT: 13.553 min Scan# 1747
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

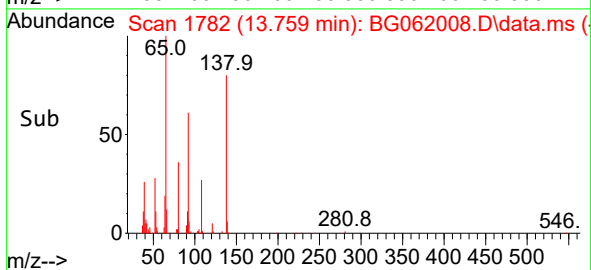
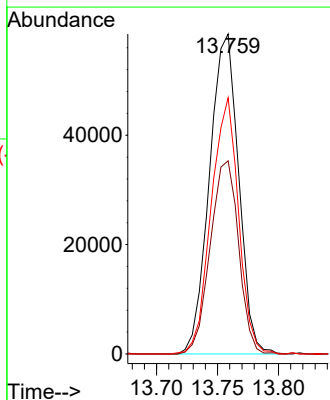
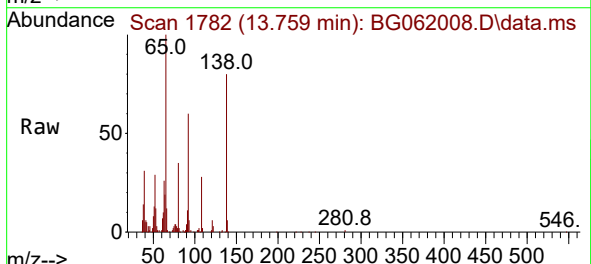
Instrument :
BNA_G
ClientSampleId :
SLCS928

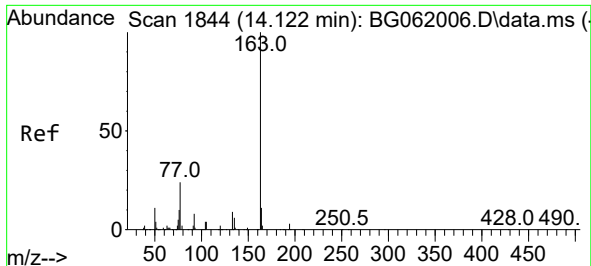
Tgt Ion:162 Resp: 220389
Ion Ratio Lower Upper
162 100
164 31.3 23.3 34.9
127 49.4 33.2 49.8



#45
2-Nitroaniline
Concen: 34.795 ng/ul
RT: 13.759 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion: 65 Resp: 97290
Ion Ratio Lower Upper
65 100
92 60.4 48.2 72.4
138 80.1 56.8 85.2

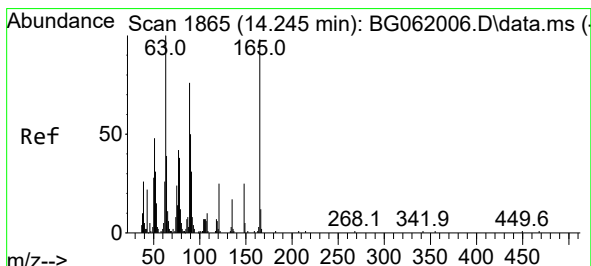
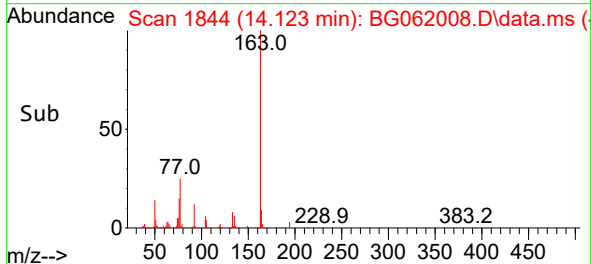
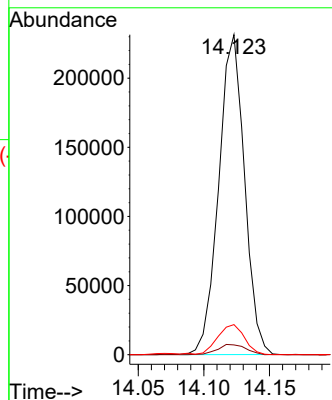
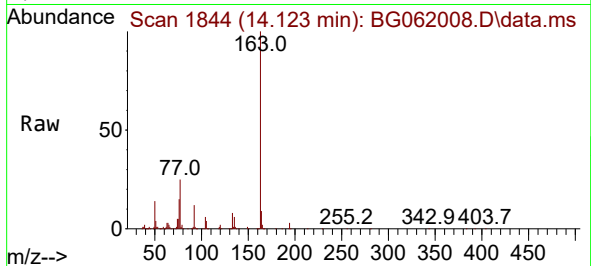




#47
Dimethylphthalate
Concen: 33.103 ng/ul
RT: 14.123 min Scan# 1844
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

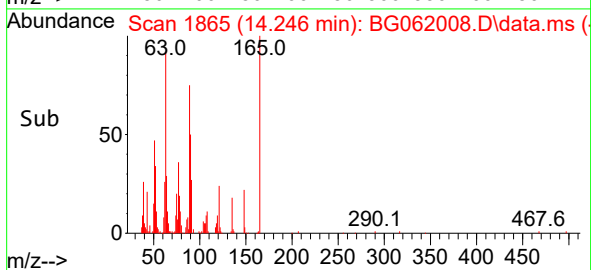
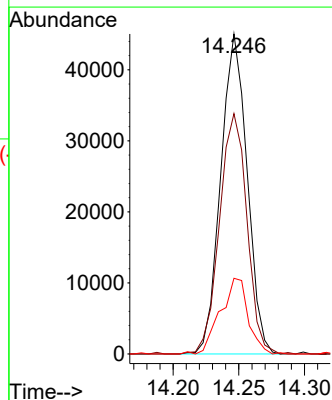
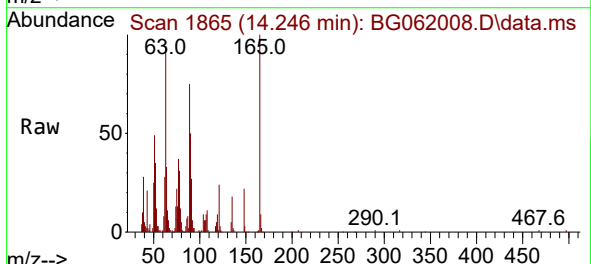
Instrument :
BNA_G
ClientSampleId :
SLCS928

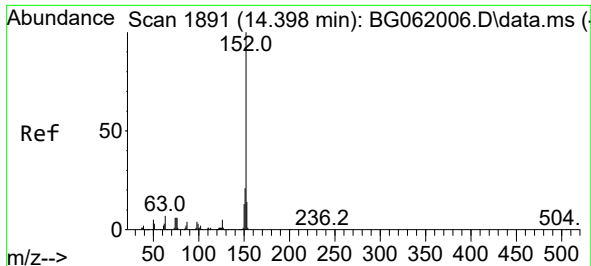
Tgt Ion:163 Resp: 316074
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 34.778 ng/ul
RT: 14.246 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:165 Resp: 62995
Ion Ratio Lower Upper
165 100
89 75.1 62.6 93.8
121 23.6 18.4 27.6

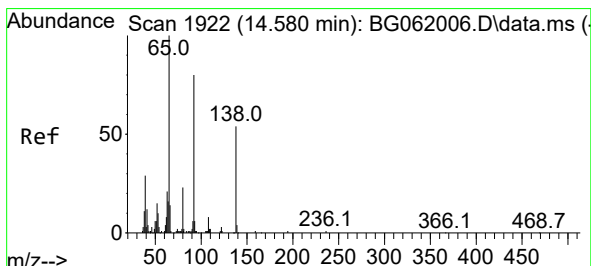
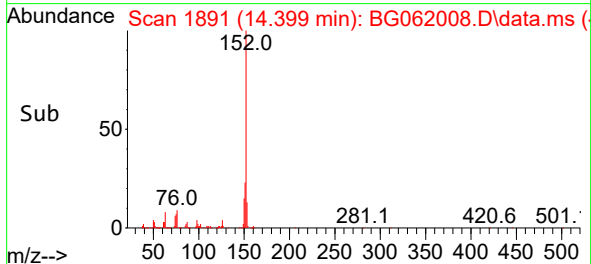
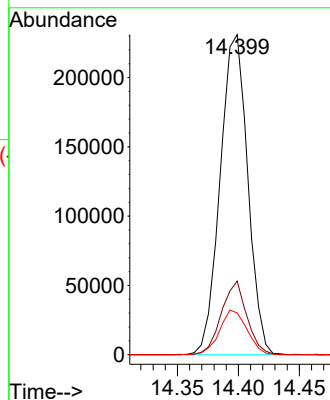
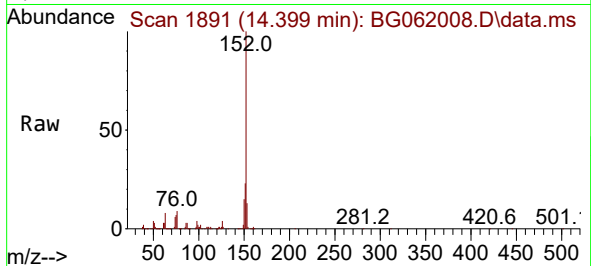




#50
Acenaphthylene
Concen: 31.921 ng/ul
RT: 14.399 min Scan# 1891
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

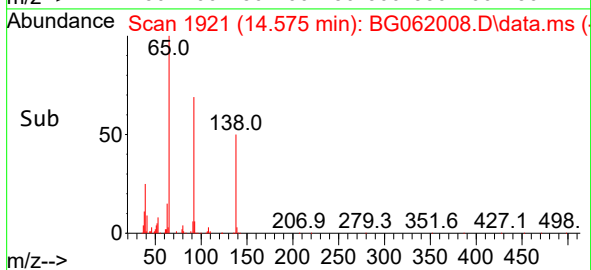
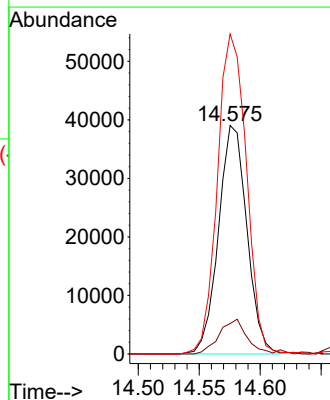
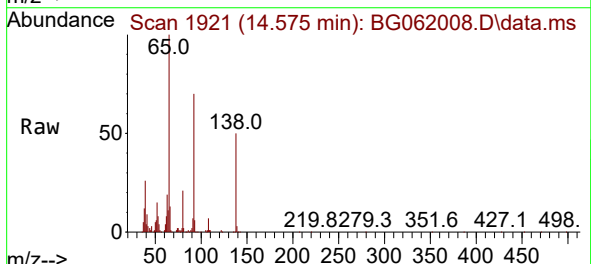
Instrument :
BNA_G
ClientSampleId :
SLCS928

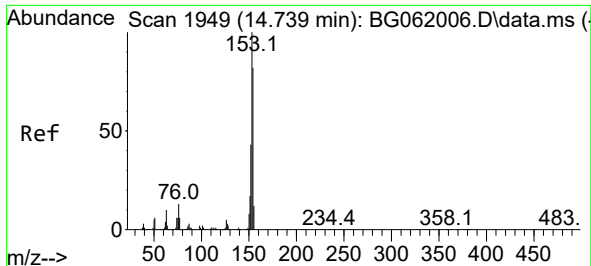
Tgt Ion:152 Resp: 363662
Ion Ratio Lower Upper
152 100
151 23.0 16.5 24.7
153 13.1 11.4 17.0



#51
3-Nitroaniline
Concen: 35.942 ng/ul
RT: 14.575 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:138 Resp: 63372
Ion Ratio Lower Upper
138 100
108 13.3 12.3 18.5
92 140.1 116.3 174.5

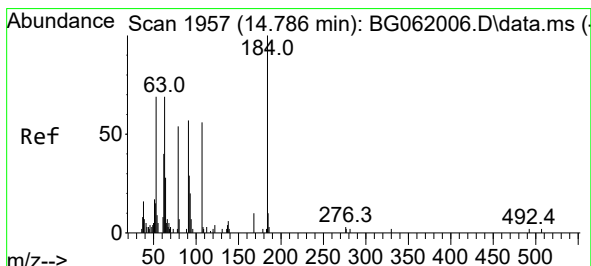
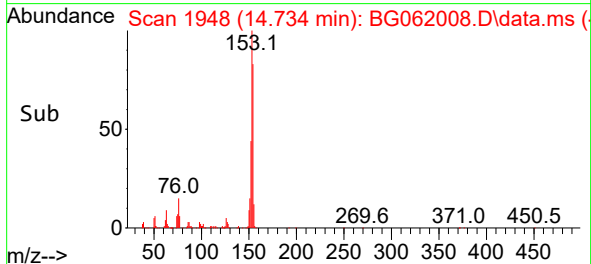
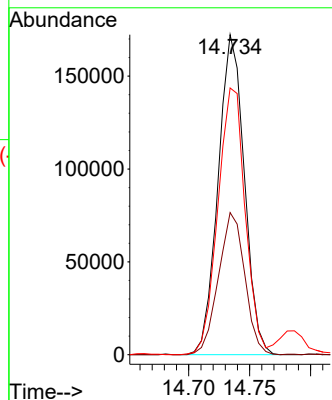
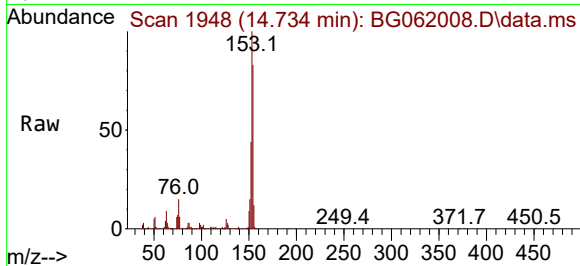




#52
Acenaphthene
Concen: 32.806 ng/ul
RT: 14.734 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

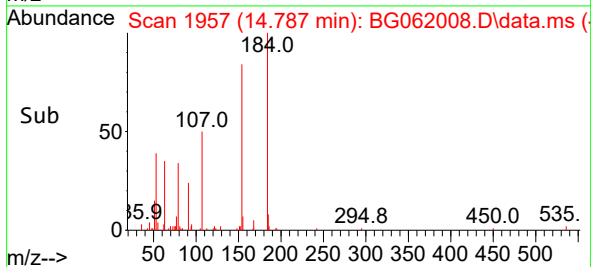
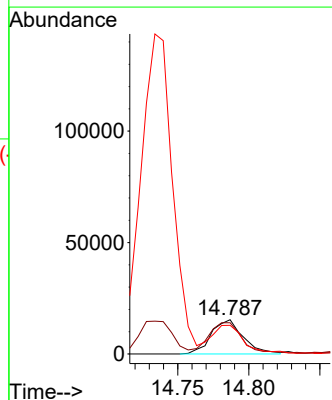
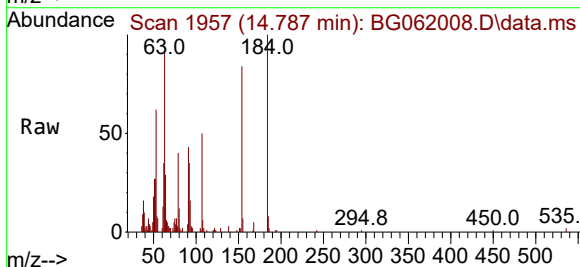
Instrument :
BNA_G
ClientSampleId :
SLCS928

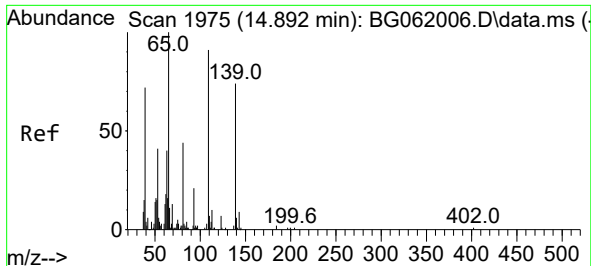
Tgt Ion:153 Resp: 258076
Ion Ratio Lower Upper
153 100
152 44.4 37.2 55.8
154 83.3 75.0 112.6



#53
2,4-Dinitrophenol
Concen: 25.432 ng/ul
RT: 14.787 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:184 Resp: 24067
Ion Ratio Lower Upper
184 100
63 91.0 83.6 125.4
154 83.6 66.8 100.2

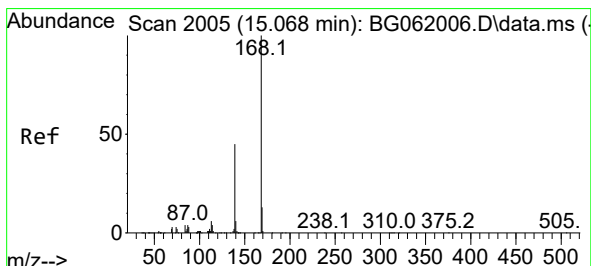
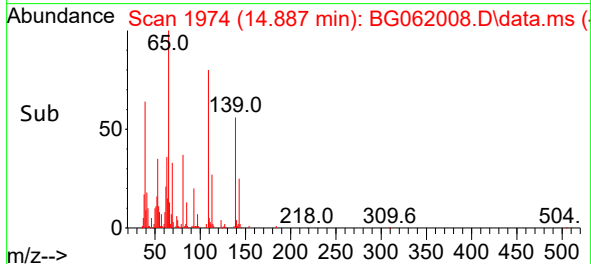
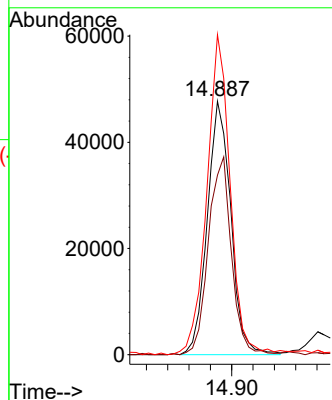
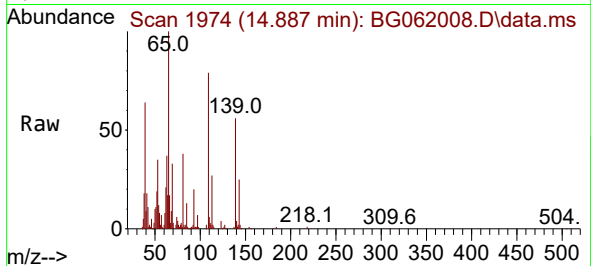




#55
4-Nitrophenol
Concen: 40.416 ng/ul
RT: 14.887 min Scan# 1974
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

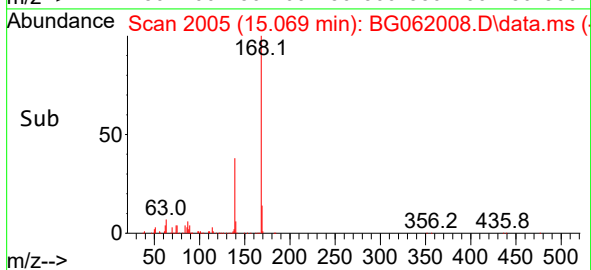
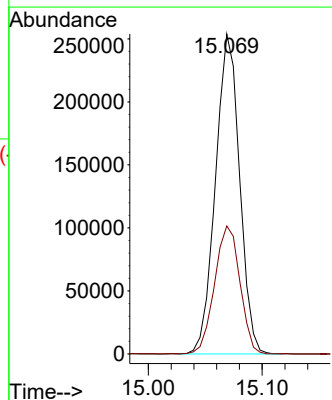
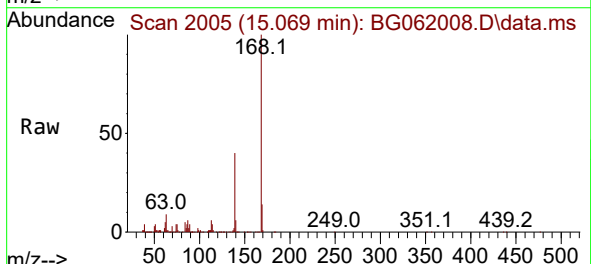
Instrument :
BNA_G
ClientSampleId :
SLCS928

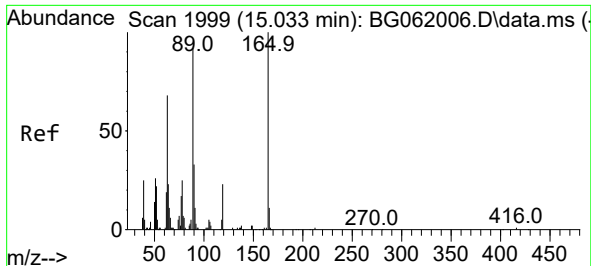
Tgt Ion:109 Resp: 73126
Ion Ratio Lower Upper
109 100
139 70.9 67.4 101.2
65 126.2 102.1 153.1



#56
Dibenzofuran
Concen: 33.619 ng/ul
RT: 15.069 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:168 Resp: 373788
Ion Ratio Lower Upper
168 100
139 40.0 31.0 46.4





#57

2,4-Dinitrotoluene

Concen: 36.635 ng/ul

RT: 15.034 min Scan# 1999

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

Instrument :

BNA_G

ClientSampleId :

SLCS928

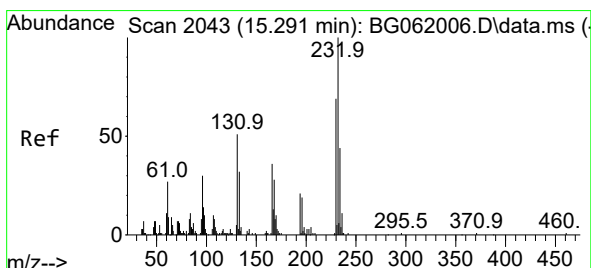
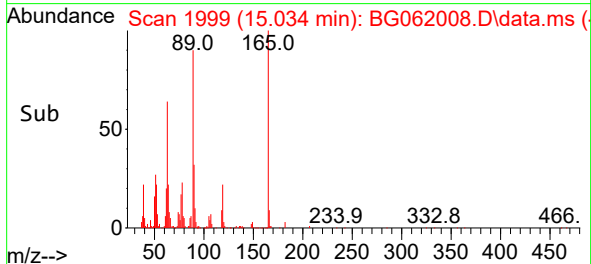
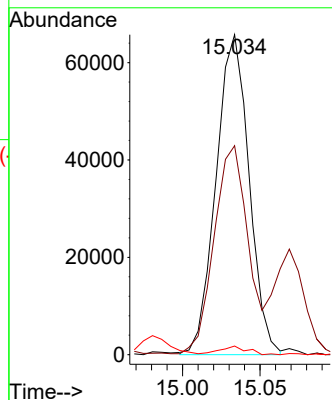
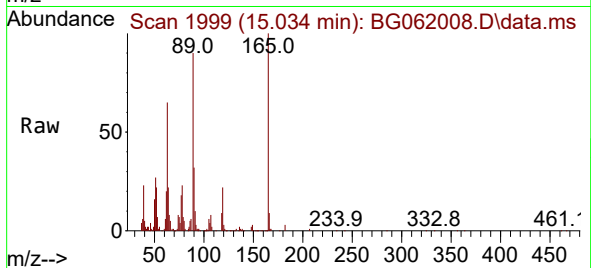
Tgt Ion:165 Resp: 97317

Ion Ratio Lower Upper

165 100

63 65.3 44.9 67.3

182 2.7 2.6 3.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.656 ng/ul

RT: 15.292 min Scan# 2043

Delta R.T. -0.005 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

Tgt Ion:232 Resp: 73236

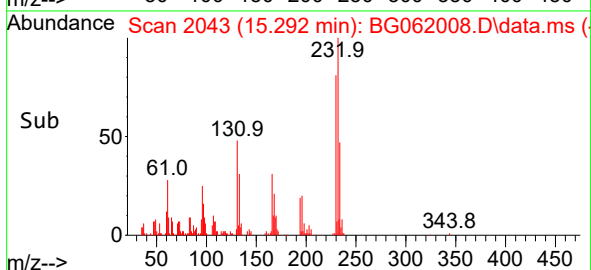
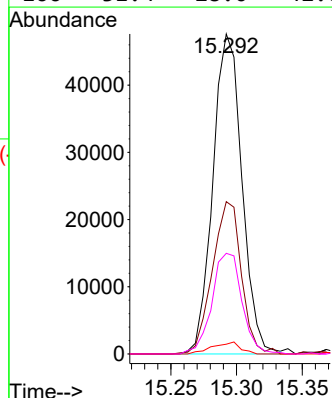
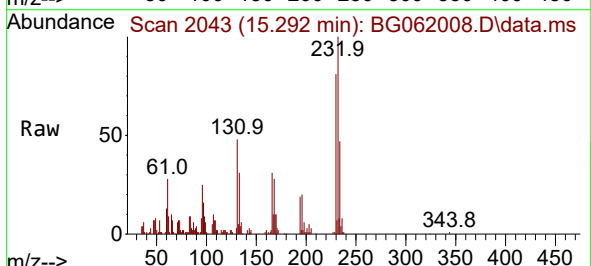
Ion Ratio Lower Upper

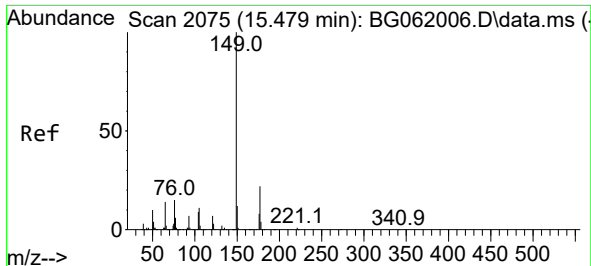
232 100

131 47.6 35.8 53.8

130 3.0 2.0 3.0#

166 31.4 28.0 42.0

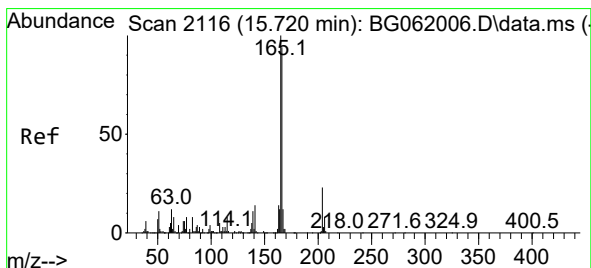
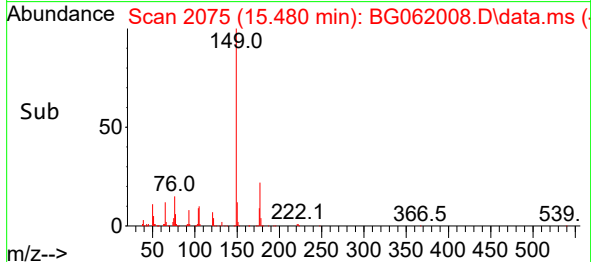
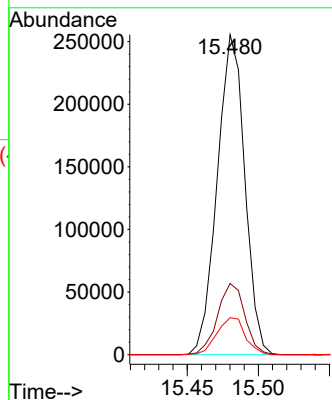
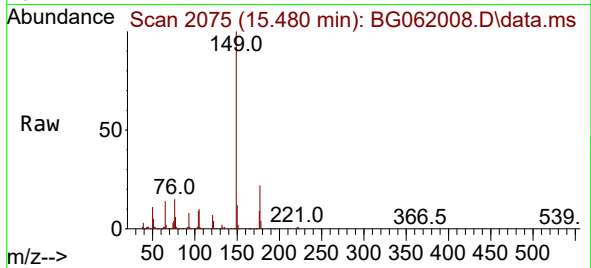




#59
Diethylphthalate
Concen: 33.432 ng/ul
RT: 15.480 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

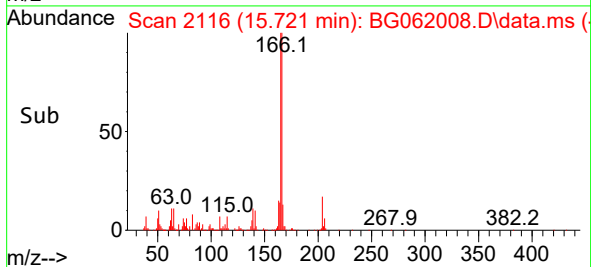
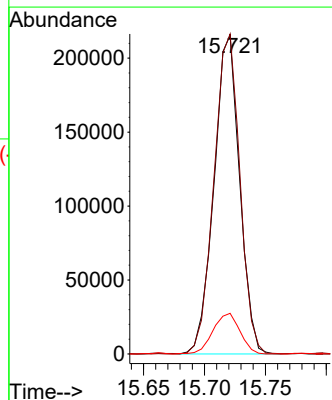
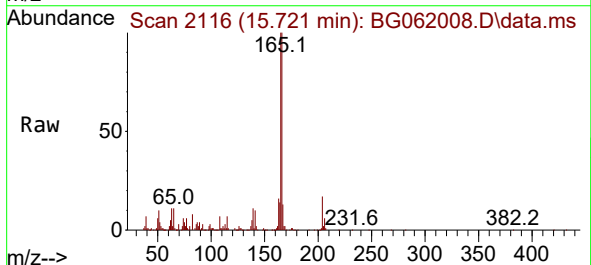
Instrument :
BNA_G
ClientSampleId :
SLCS928

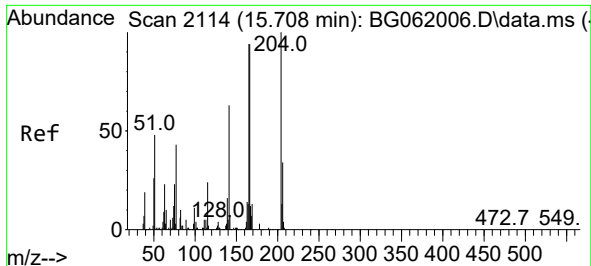
Tgt Ion:149 Resp: 343987
Ion Ratio Lower Upper
149 100
177 22.3 16.3 24.5
150 11.6 9.6 14.4



#61
Fluorene
Concen: 33.297 ng/ul
RT: 15.721 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:166 Resp: 314833
Ion Ratio Lower Upper
166 100
165 100.4 78.4 117.6
167 12.7 10.4 15.6

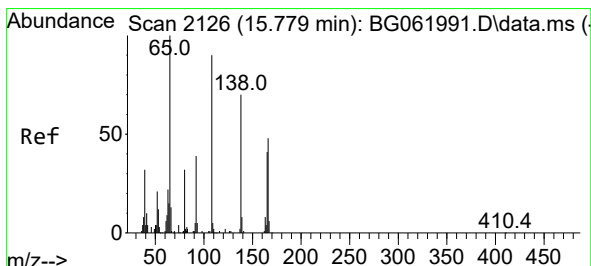
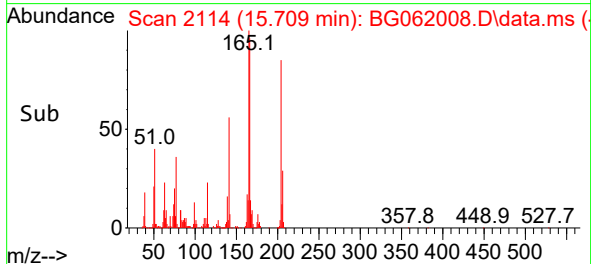
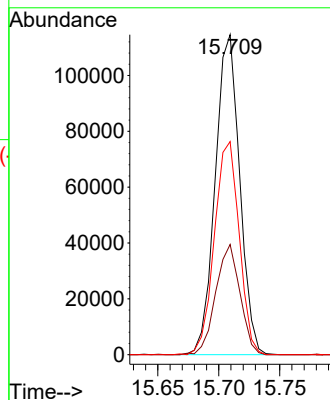
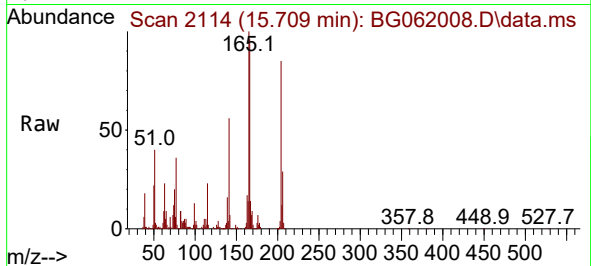




#62
4-Chlorophenyl-phenylether
Concen: 33.703 ng/ul
RT: 15.709 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

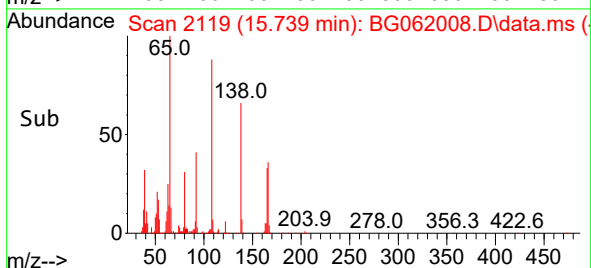
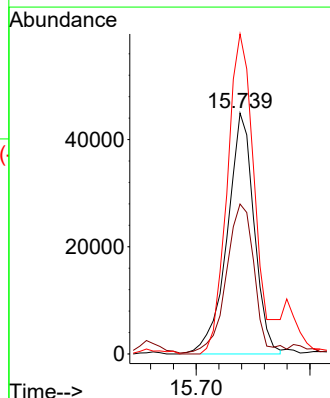
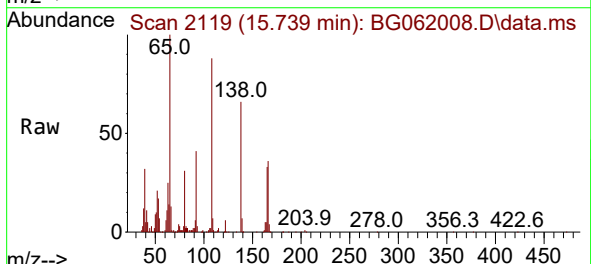
Instrument :
BNA_G
ClientSampleId :
SLCS928

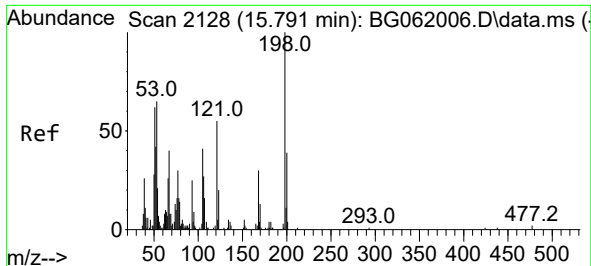
Tgt Ion:204 Resp: 160070
Ion Ratio Lower Upper
204 100
206 34.5 24.5 36.7
141 66.6 46.6 69.8



#63
4-Nitroaniline
Concen: 41.219 ng/ul
RT: 15.739 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:138 Resp: 73746
Ion Ratio Lower Upper
138 100
92 62.3 52.3 78.5
108 132.9 94.1 141.1

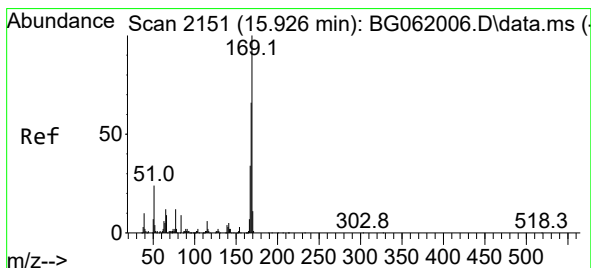
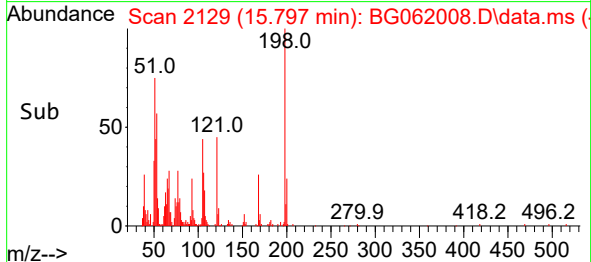
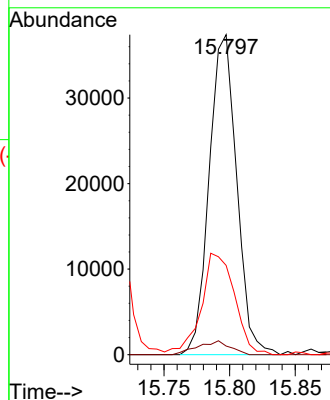
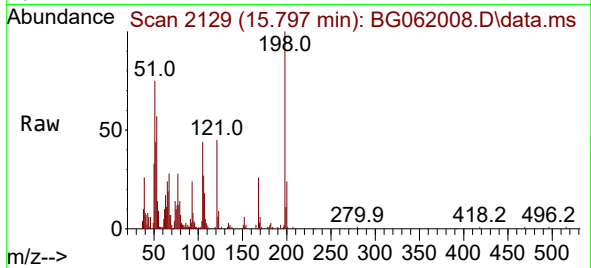




#66
4,6-Dinitro-2-methylphenol
Concen: 31.900 ng/ul
RT: 15.797 min Scan# 2128
Delta R.T. 0.007 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

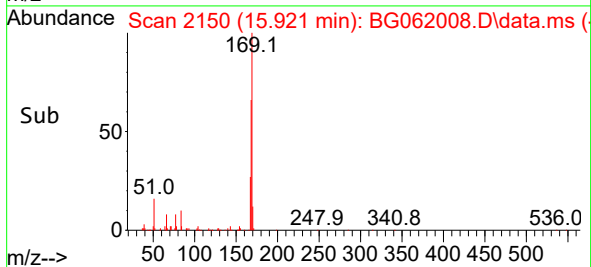
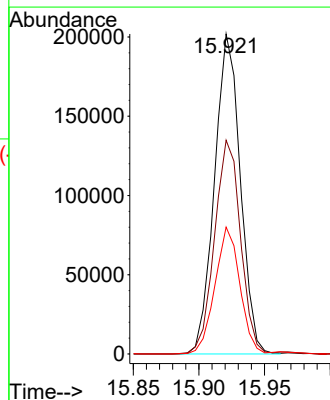
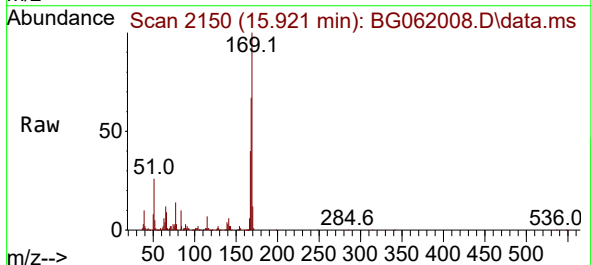
Instrument :
BNA_G
ClientSampleId :
SLCS928

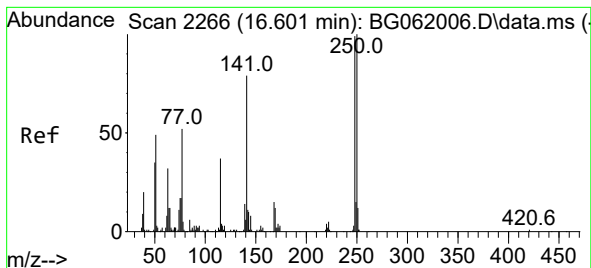
Tgt Ion:198 Resp: 54554
Ion Ratio Lower Upper
198 100
182 2.7 3.6 5.4#
77 27.9 21.8 32.8



#67
N-Nitrosodiphenylamine
Concen: 33.366 ng/ul
RT: 15.921 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:169 Resp: 275702
Ion Ratio Lower Upper
169 100
168 66.8 55.6 83.4
167 39.6 29.8 44.8

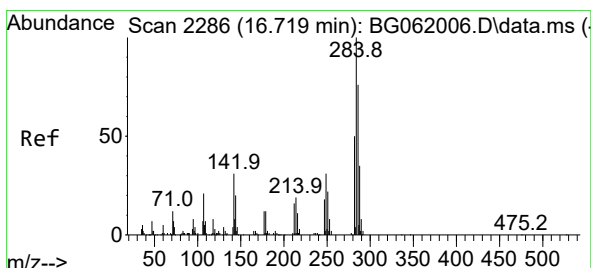
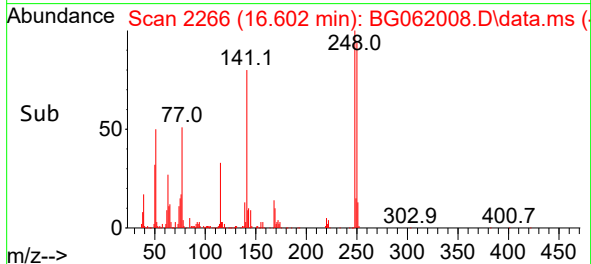
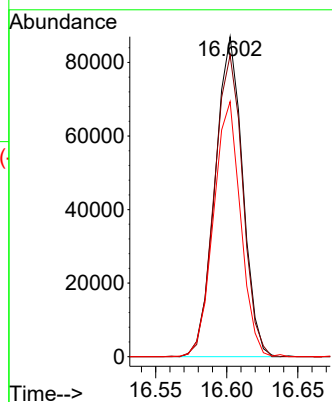
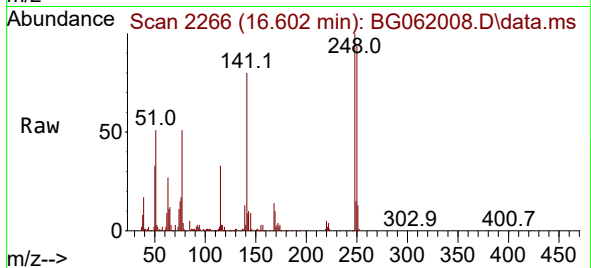




#68
4-Bromophenyl-phenylether
Concen: 34.244 ng/ul
RT: 16.602 min Scan# 211
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

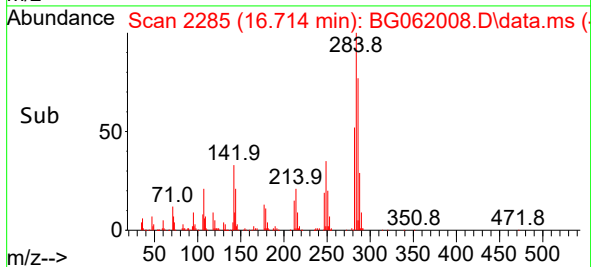
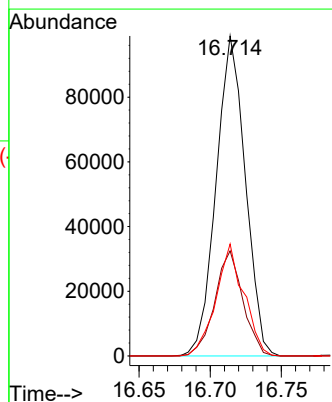
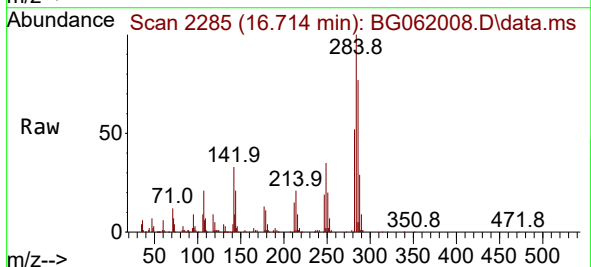
Instrument :
BNA_G
ClientSampleId :
SLCS928

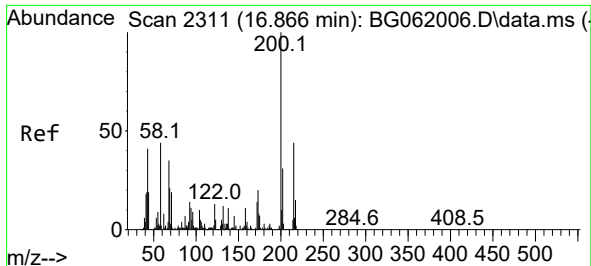
Tgt Ion:248 Resp: 117547
Ion Ratio Lower Upper
248 100
250 94.2 77.2 115.8
141 79.7 57.8 86.8



#69
Hexachlorobenzene
Concen: 35.779 ng/ul
RT: 16.714 min Scan# 2285
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:284 Resp: 141223
Ion Ratio Lower Upper
284 100
142 32.8 26.4 39.6
249 35.0 27.2 40.8

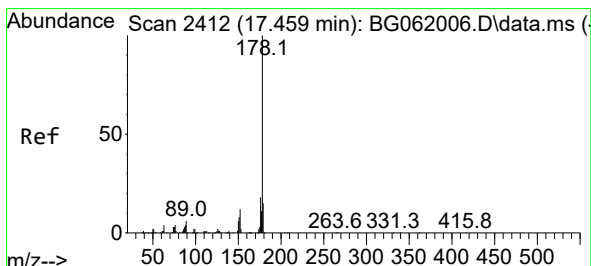
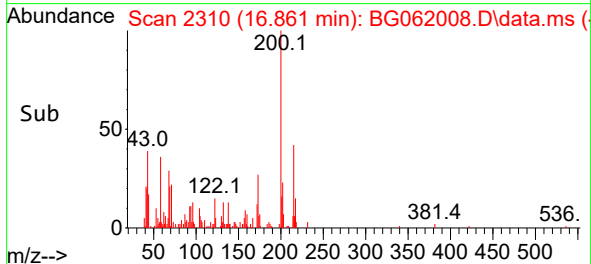
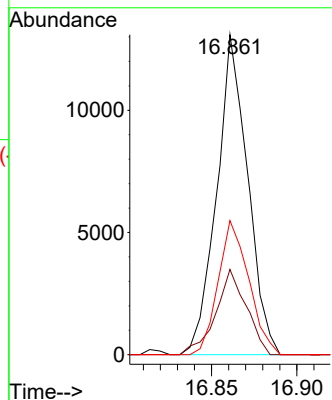
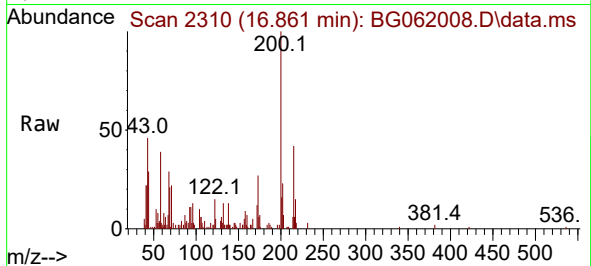




#70
Atrazine
Concen: 5.067 ng/ul
RT: 16.861 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

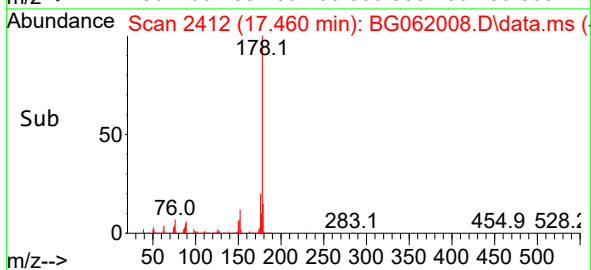
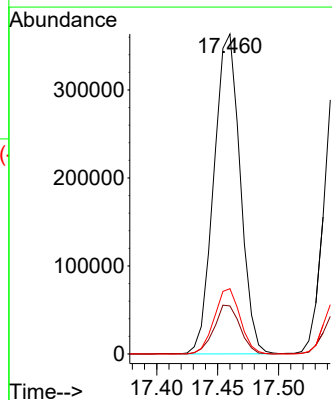
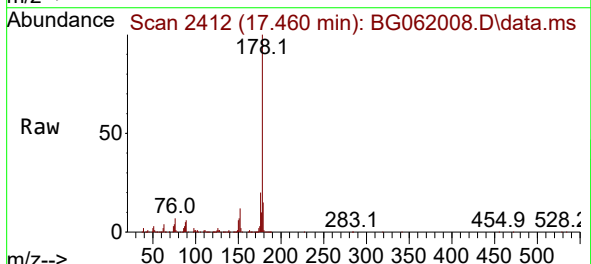
Instrument :
BNA_G
ClientSampleId :
SLCS928

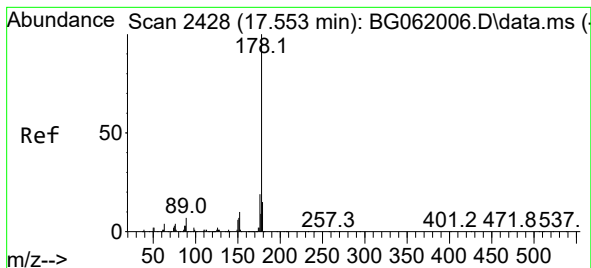
Tgt Ion:200 Resp: 16527
Ion Ratio Lower Upper
200 100
173 26.7 18.7 28.1
215 41.9 37.8 56.6



#72
Phenanthrene
Concen: 34.214 ng/ul
RT: 17.460 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:178 Resp: 545849
Ion Ratio Lower Upper
178 100
179 15.0 11.9 17.9
176 20.4 15.5 23.3





#74

Anthracene

Concen: 32.722 ng/ul

RT: 17.548 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

Instrument :

BNA_G

ClientSampleId :

SLCS928

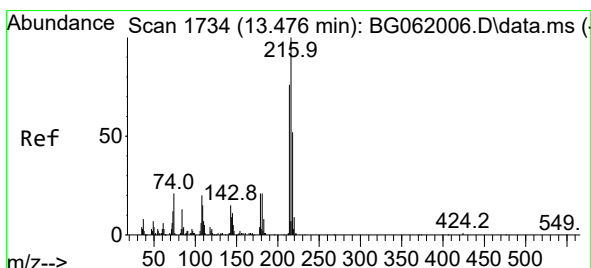
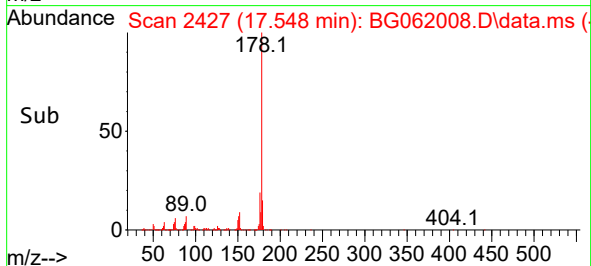
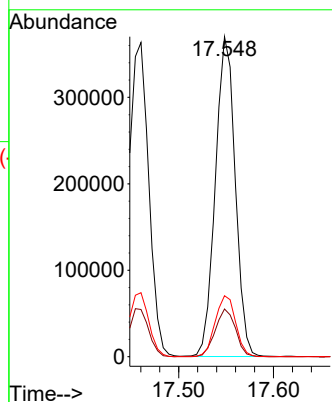
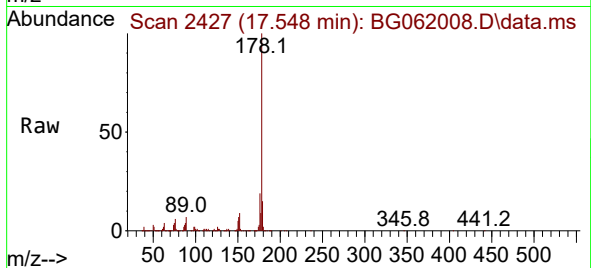
Tgt Ion:178 Resp: 539513

Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

176 19.1 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.936 ng/ul

RT: 13.471 min Scan# 1733

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

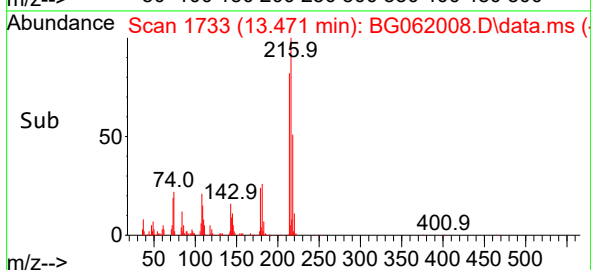
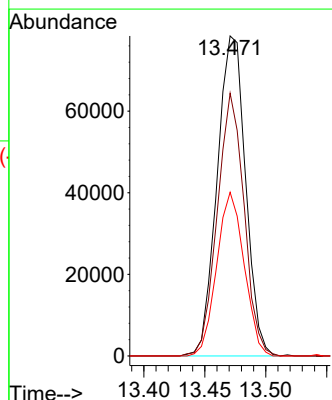
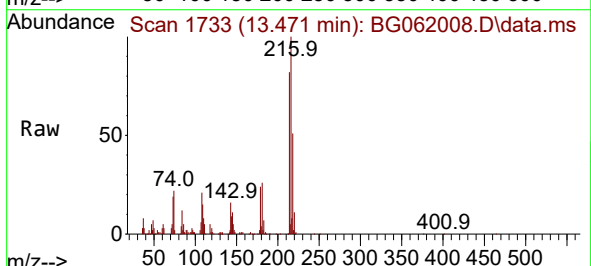
Tgt Ion:216 Resp: 127530

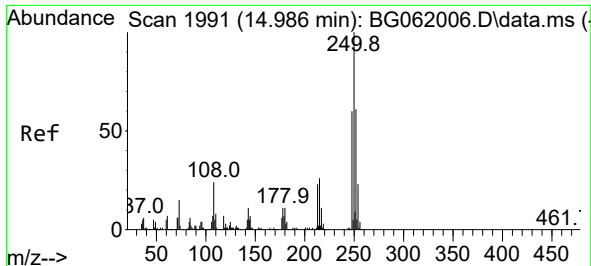
Ion Ratio Lower Upper

216 100

214 82.1 61.7 92.5

218 51.1 35.7 53.5

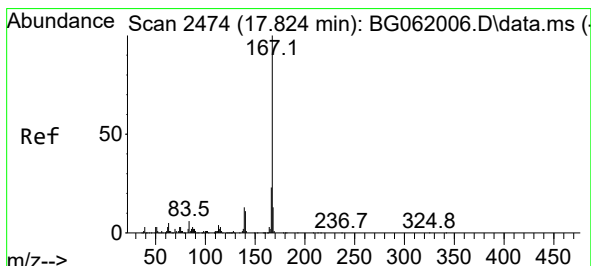
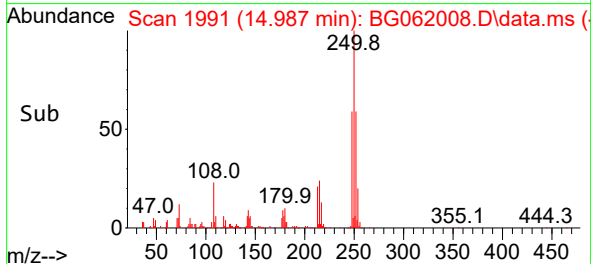
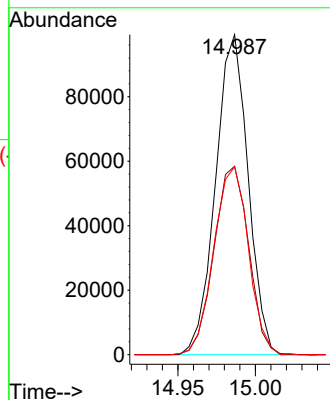
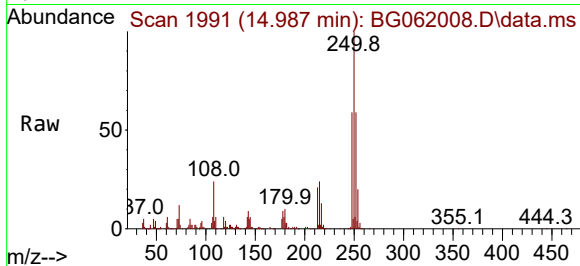




#76
 Pentachlorobenzene
 Concen: 33.754 ng/ul
 RT: 14.987 min Scan# 1991
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

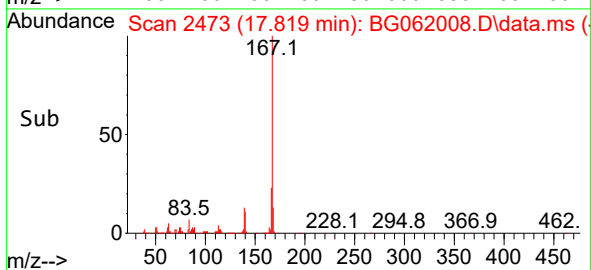
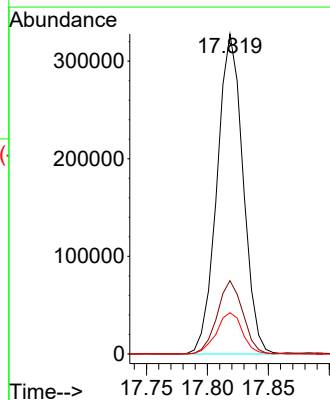
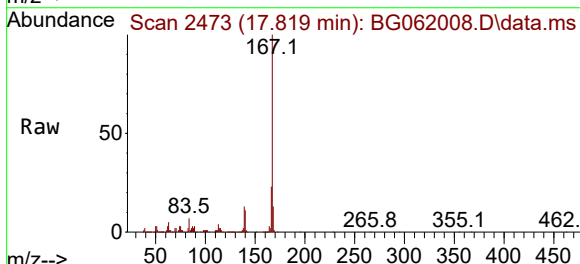
Instrument :
 BNA_G
 ClientSampleId :
 SLCS928

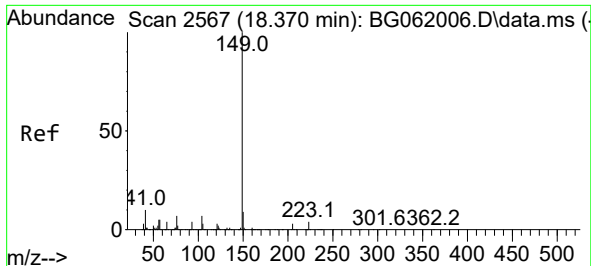
Tgt Ion:250 Resp: 144676
 Ion Ratio Lower Upper
 250 100
 248 58.9 47.5 71.3
 252 58.7 50.0 75.0



#77
 Carbazole
 Concen: 35.106 ng/ul
 RT: 17.819 min Scan# 2473
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

Tgt Ion:167 Resp: 487111
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 12.9 9.6 14.4

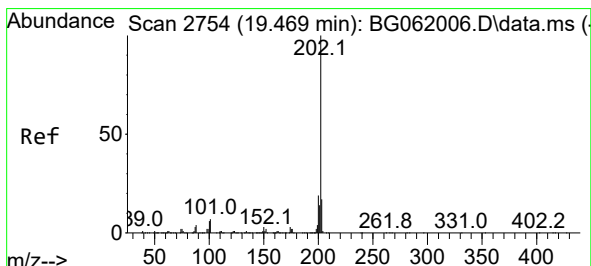
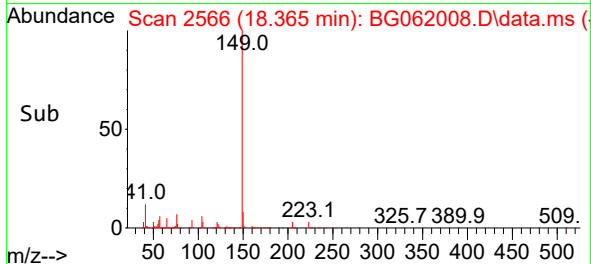
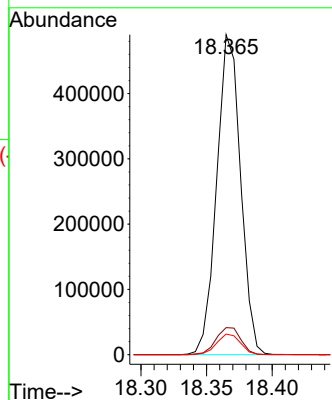
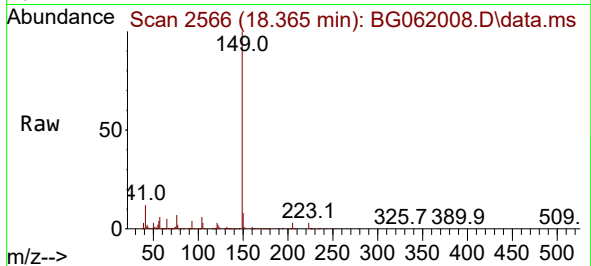




#78
Di-n-butylphthalate
Concen: 34.709 ng/ul
RT: 18.365 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

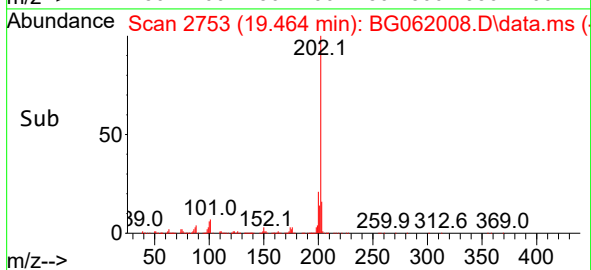
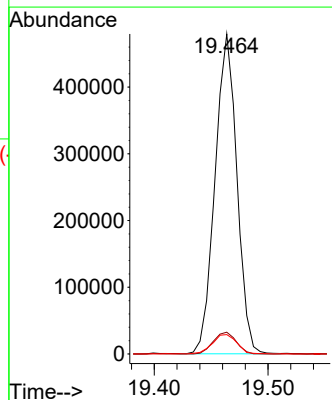
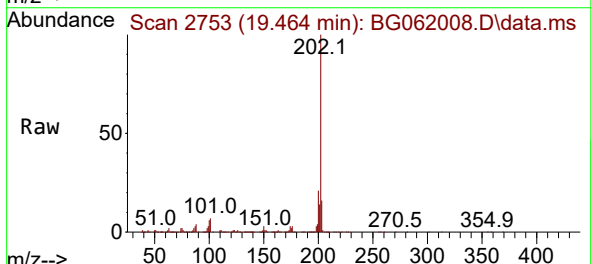
Instrument :
BNA_G
ClientSampleId :
SLCS928

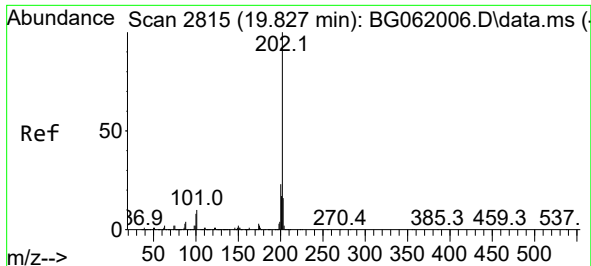
Tgt Ion:149 Resp: 618333
Ion Ratio Lower Upper
149 100
150 8.4 7.5 11.3
104 6.4 5.0 7.4



#80
Fluoranthene
Concen: 32.520 ng/ul
RT: 19.464 min Scan# 2753
Delta R.T. 0.001 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:202 Resp: 642166
Ion Ratio Lower Upper
202 100
101 6.8 7.4 11.2#
100 6.0 6.6 10.0#

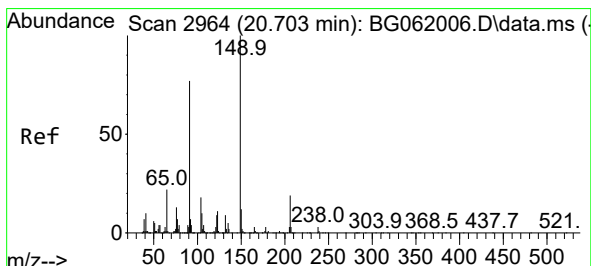
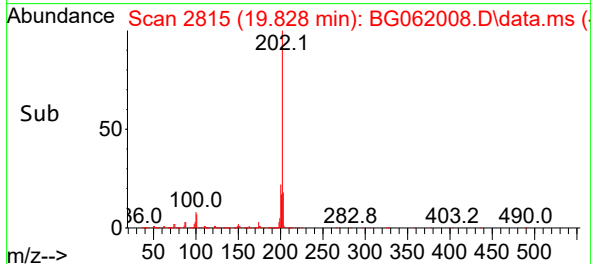
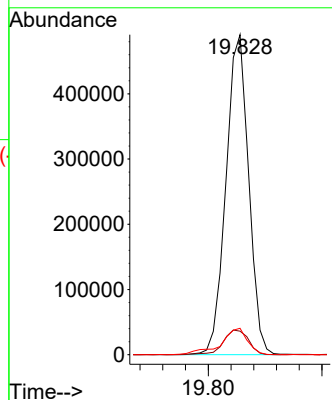
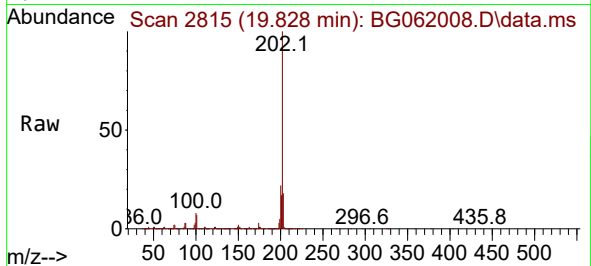




#82
 Pyrene
 Concen: 33.319 ng/ul
 RT: 19.828 min Scan# 2815
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

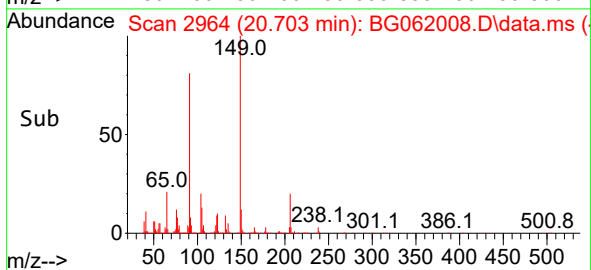
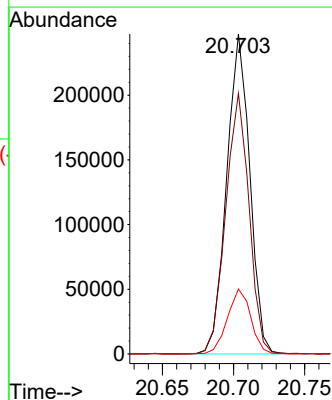
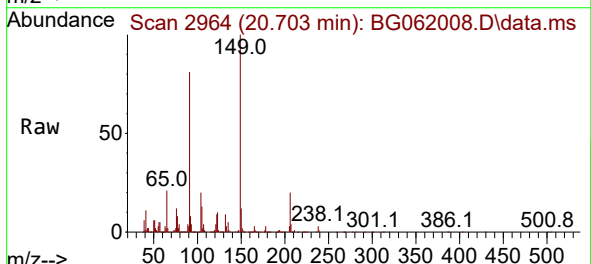
Instrument :
 BNA_G
 ClientSampleId :
 SLCS928

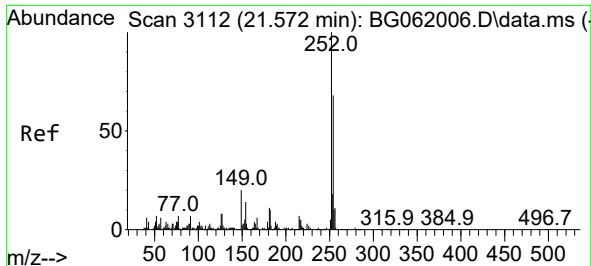
Tgt Ion:202 Resp: 679645
 Ion Ratio Lower Upper
 202 100
 101 7.4 8.8 13.2#
 100 8.2 7.6 11.4



#83
 Butylbenzylphthalate
 Concen: 32.731 ng/ul
 RT: 20.703 min Scan# 2964
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

Tgt Ion:149 Resp: 280198
 Ion Ratio Lower Upper
 149 100
 91 81.4 60.6 91.0
 206 20.3 14.6 21.8

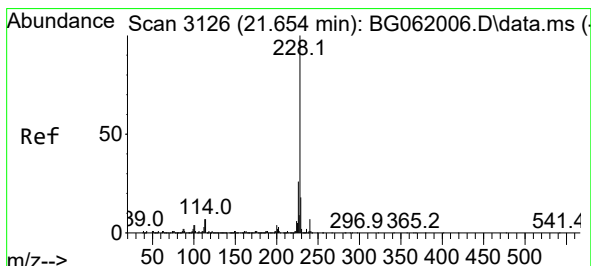
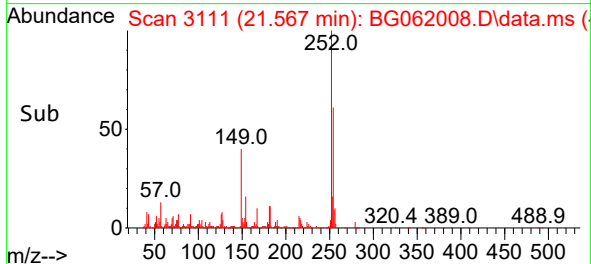
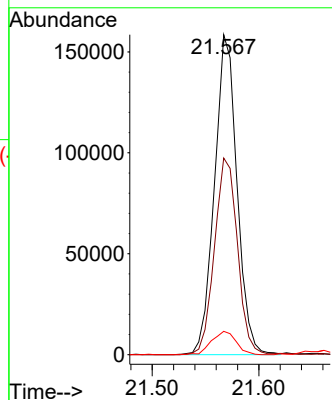
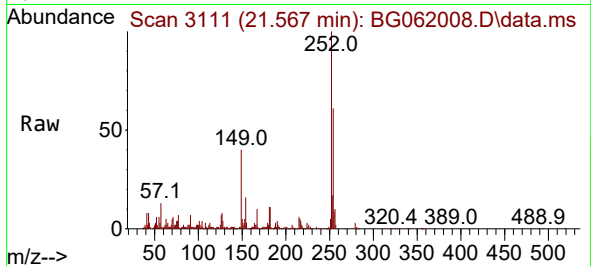




#84
 3,3'-Dichlorobenzidine
 Concen: 34.442 ng/ul
 RT: 21.567 min Scan# 3111
 Delta R.T. -0.005 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

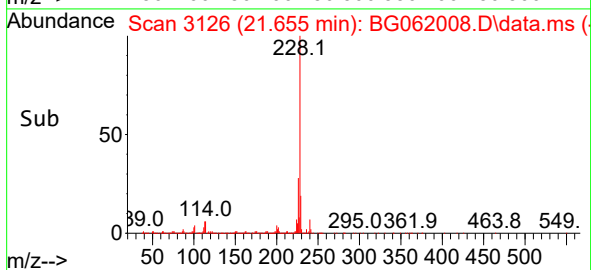
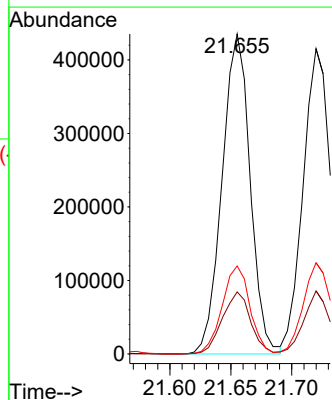
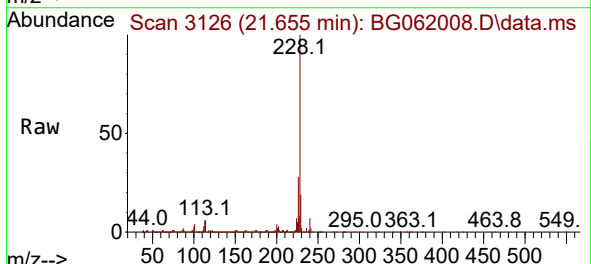
Instrument :
 BNA_G
 ClientSampleId :
 SLCS928

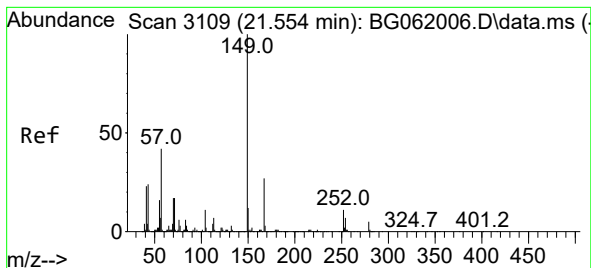
Tgt Ion:252 Resp: 232444
 Ion Ratio Lower Upper
 252 100
 254 61.4 52.8 79.2
 126 7.3 6.6 10.0



#85
 Benzo(a)anthracene
 Concen: 33.946 ng/ul
 RT: 21.655 min Scan# 3126
 Delta R.T. 0.001 min
 Lab File: BG062008.D
 Acq: 11 Jul 2024 13:32

Tgt Ion:228 Resp: 697243
 Ion Ratio Lower Upper
 228 100
 229 19.4 15.7 23.5
 226 27.5 21.7 32.5

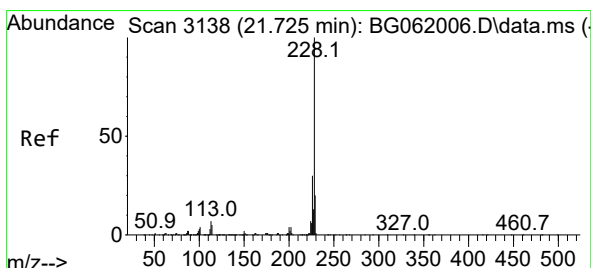
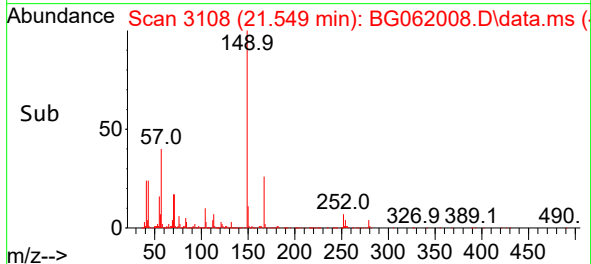
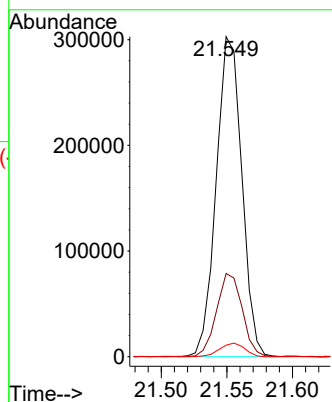
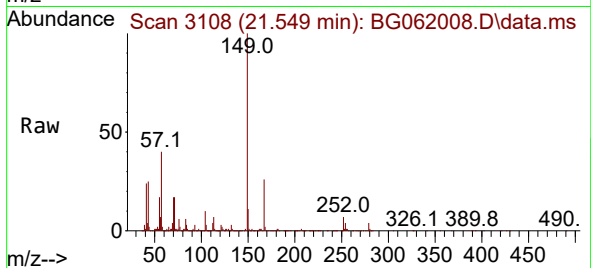




#86
Bis(2-ethylhexyl)phthalate
Concen: 33.412 ng/ul
RT: 21.549 min Scan# 3109
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

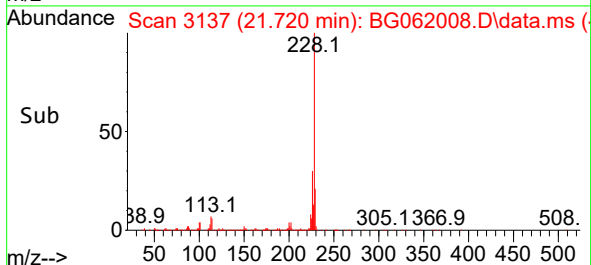
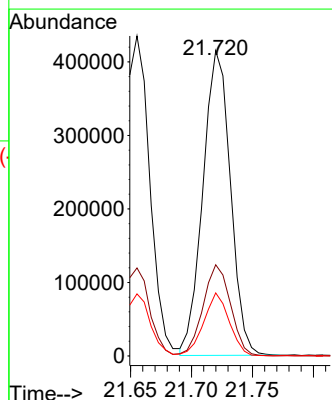
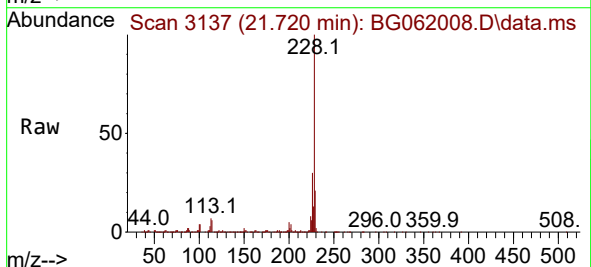
Instrument :
BNA_G
ClientSampleId :
SLCS928

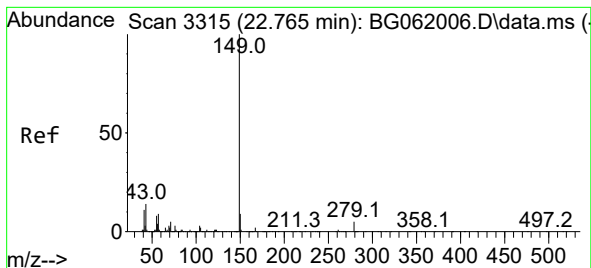
Tgt Ion:149 Resp: 410437
Ion Ratio Lower Upper
149 100
167 26.0 21.7 32.5
279 3.6 2.8 4.2



#87
Chrysene
Concen: 33.931 ng/ul
RT: 21.720 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:228 Resp: 652428
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 20.7 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 34.029 ng/ul

RT: 22.760 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

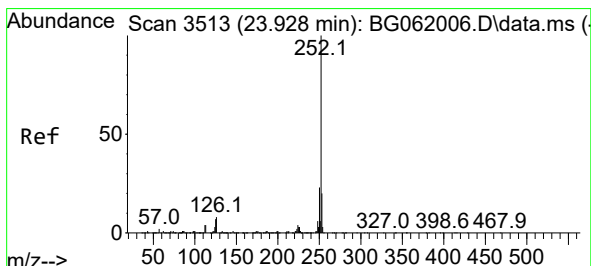
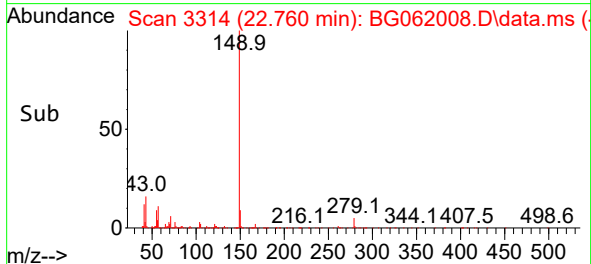
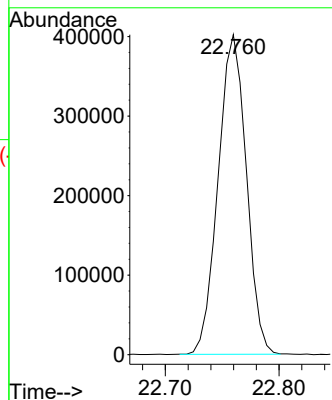
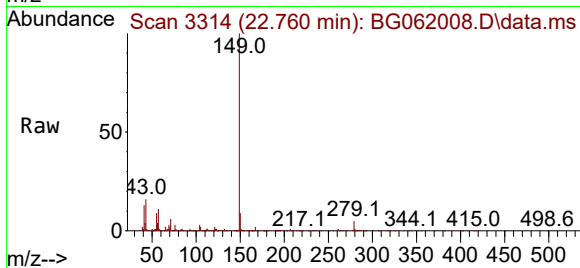
Instrument :

BNA_G

ClientSampleId :

SLCS928

Tgt Ion:149 Resp: 692773



#90

Benzo(b)fluoranthene

Concen: 34.894 ng/ul

RT: 23.858 min Scan# 3501

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

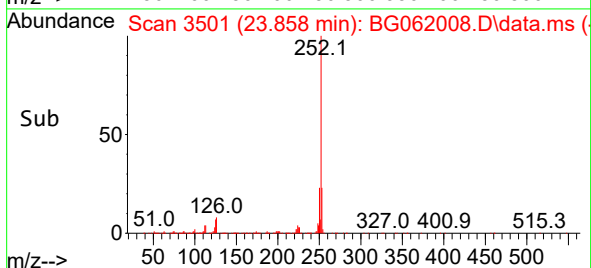
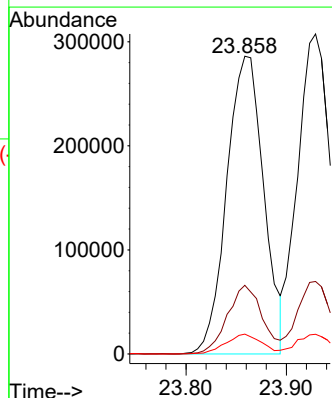
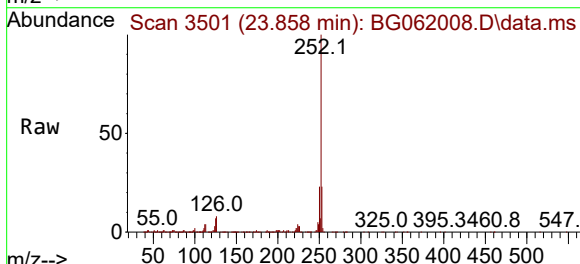
Tgt Ion:252 Resp: 732604

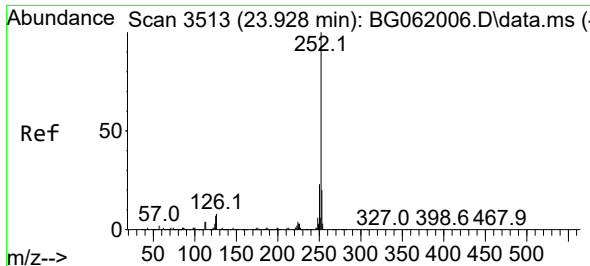
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 6.6 6.1 9.1

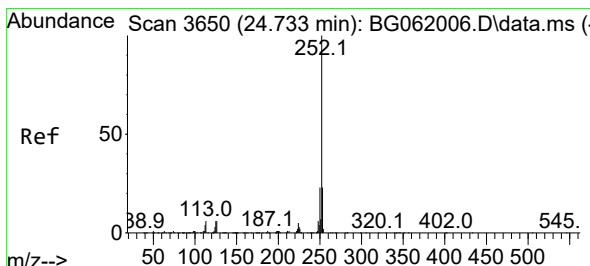
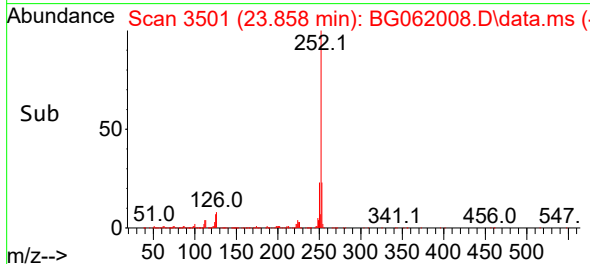
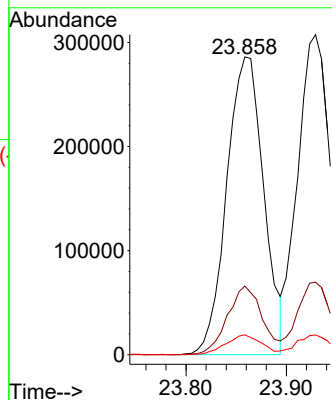
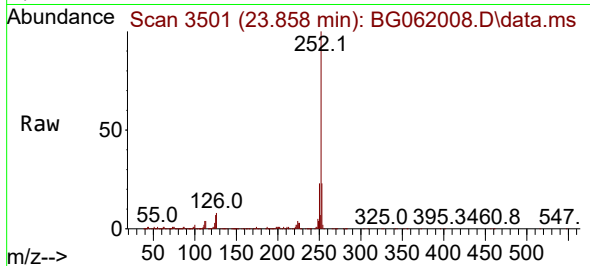




#91
Benzo(k)fluoranthene
Concen: 34.992 ng/ul
RT: 23.858 min Scan# 3501
Delta R.T. -0.064 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

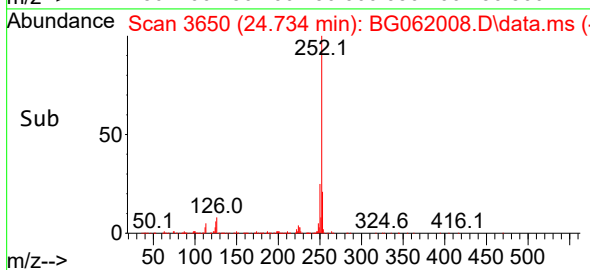
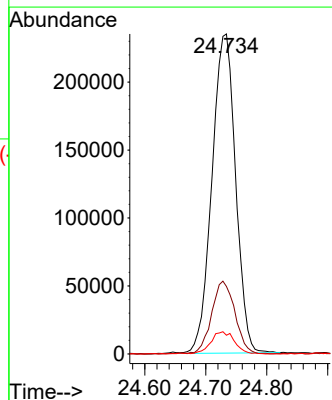
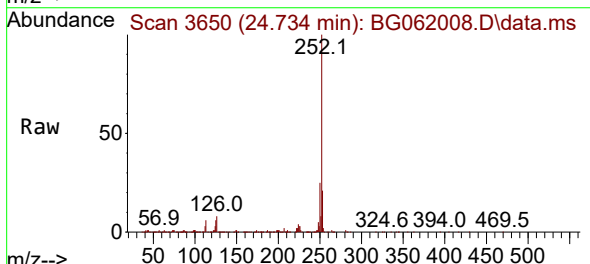
Instrument :
BNA_G
ClientSampleId :
SLCS928

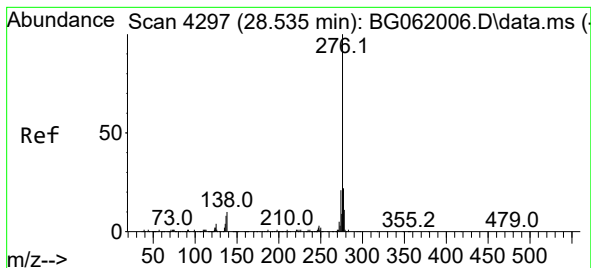
Tgt Ion:252 Resp: 732604
Ion Ratio Lower Upper
252 100
253 23.0 19.3 28.9
125 6.6 6.3 9.5



#93
Benzo(a)pyrene
Concen: 31.888 ng/ul
RT: 24.734 min Scan# 3650
Delta R.T. 0.007 min
Lab File: BG062008.D
Acq: 11 Jul 2024 13:32

Tgt Ion:252 Resp: 633966
Ion Ratio Lower Upper
252 100
253 21.1 16.5 24.7
125 5.9 7.4 11.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 35.194 ng/ul

RT: 28.535 min Scan# 4297

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

Instrument :

BNA_G

ClientSampleId :

SLCS928

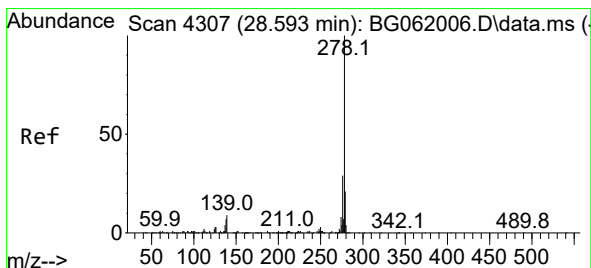
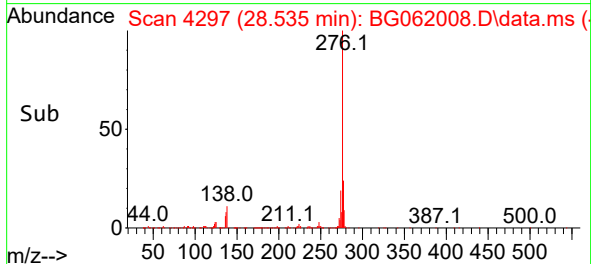
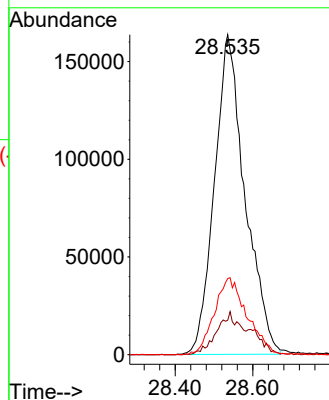
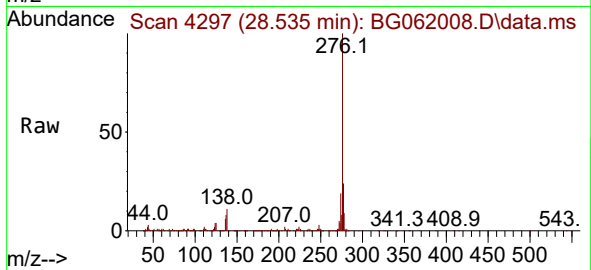
Tgt Ion:276 Resp: 894136

Ion Ratio Lower Upper

276 100

138 10.8 11.9 17.9#

277 23.8 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 35.656 ng/ul

RT: 28.594 min Scan# 4307

Delta R.T. 0.001 min

Lab File: BG062008.D

Acq: 11 Jul 2024 13:32

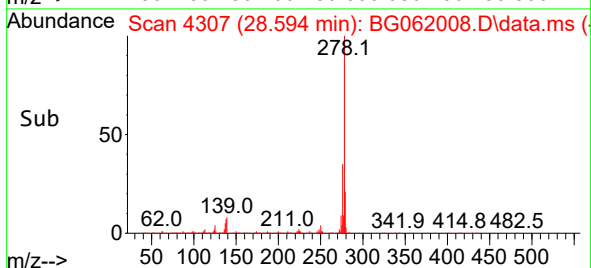
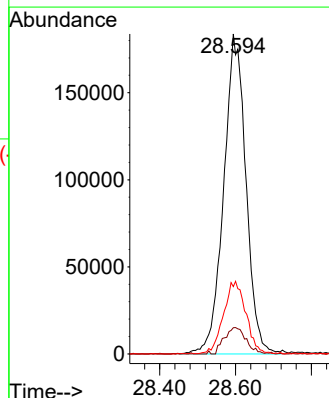
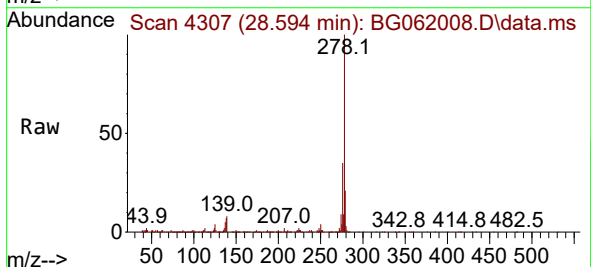
Tgt Ion:278 Resp: 748173

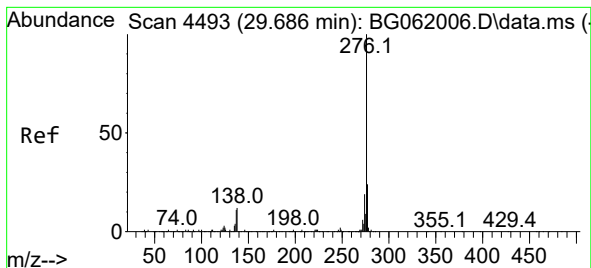
Ion Ratio Lower Upper

278 100

139 8.2 7.6 11.4

279 21.1 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 15.681 ng/ul

RT: 29.663 min Scan# 44

Delta R.T. -0.005 min

Lab File: BG062008.D

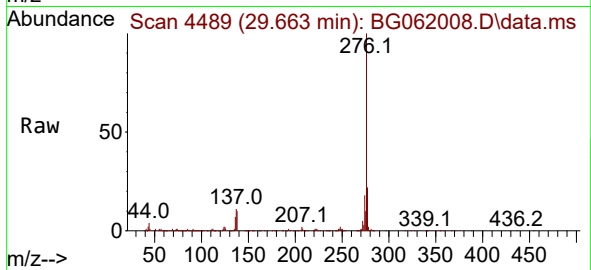
Acq: 11 Jul 2024 13:32

Instrument :

BNA_G

ClientSampleId :

SLCS928



Tgt Ion:276 Resp: 316948

Ion Ratio Lower Upper

276 100

138 10.3 11.1 16.7#

277 22.2 18.8 28.2

