

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090924\
 Data File : BG062693.D
 Acq On : 9 Sep 2024 17:46
 Operator : JU/RC
 Sample : SSTD16057
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD160443

Quant Time: Sep 10 00:53:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 00:41:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	72174	20.000	ng/ul	0.00
20) Naphthalene-d8	10.701	136	335775	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.538	164	263044	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.282	188	645018	20.000	ng/ul	0.00
79) Chrysene-d12	21.535	240	628368	20.000	ng/ul	0.01
88) Perylene-d12	24.597	264	688385	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.451	96	542	0.338	ng/uL	0.09
4) Pyridine-d5	3.768	84	819445	161.233	ng/ul	0.00
7) Phenol-d5	7.082	99	1063404	168.026	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.240	67	597633	157.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	791489	171.693	ng/ul	0.01
15) 4-Methylphenol-d8	8.627	113	885464	167.893	ng/ul	0.02
21) Nitrobenzene-d5	9.074	128	407997	170.011	ng/ul	0.02
24) 2-Nitrophenol-d4	9.790	143	477665	181.997	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.331	165	947030	165.688	ng/ul	0.01
31) 4-Chloroaniline-d4	10.842	131	1184931	150.819	ng/ul	0.01
46) Dimethylphthalate-d6	13.956	166	2856994	141.043	ng/ul	0.02
49) Acenaphthylene-d8	14.238	160	3247227	144.341	ng/ul	0.01
54) 4-Nitrophenol-d4	14.767	143	542578	157.677	ng/ul	0.03
60) Fluorene-d10	15.537	176	2528481	138.521	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.672	200	646263	174.182	ng/ul	0.03
73) Anthracene-d10	17.282	188	645018	21.189	ng/ul	-0.09
81) Pyrene-d10	19.679	212	4623379	130.752	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.409	264	5521402	151.901	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.392	88	105461	58.935	ng/uL	92
5) Pyridine	3.786	79	844362	158.397	ng/ul	95
6) Benzaldehyde	7.047	77	400268	116.082	ng/ul	97
8) Phenol	7.111	94	1087970	165.373	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.334	93	766960	154.215	ng/ul	94
12) 2-Chlorophenol	7.481	128	815613	173.038	ng/ul	99
13) 2-Methylphenol	8.351	108	818519	165.916	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.427	45	1410769	157.600	ng/ul	100
16) Acetophenone	8.739	105	1341518	156.505	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.750	70	748417	166.789	ng/ul	93
18) 4-Methylphenol	8.703	108	920864	165.915	ng/ul	99
19) Hexachloroethane	8.985	117	305973	161.251	ng/ul	97
22) Nitrobenzene	9.115	77	1070425	164.880	ng/ul	96
23) Isophorone	9.655	82	2084786	157.068	ng/ul	99
25) 2-Nitrophenol	9.820	139	500180	172.911	ng/ul#	94
26) 2,4-Dimethylphenol	9.884	107	975339	157.793	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.119	93	1150509	155.099	ng/ul	97
29) 2,4-Dichlorophenol	10.360	162	918620	163.177	ng/ul	95
30) Naphthalene	10.754	128	2623621	145.727	ng/ul	98
32) 4-Chloroaniline	10.866	127	1168164	149.501	ng/ul	99
33) Hexachlorobutadiene	11.042	225	723029	154.171	ng/ul	96
34) Caprolactam	11.682	113	185864	90.315	ng/ul	92
35) 4-Chloro-3-methylphenol	12.005	107	997002	162.350	ng/ul	95
36) 2-Methylnaphthalene	12.364	142	1962746	147.715	ng/ul	99

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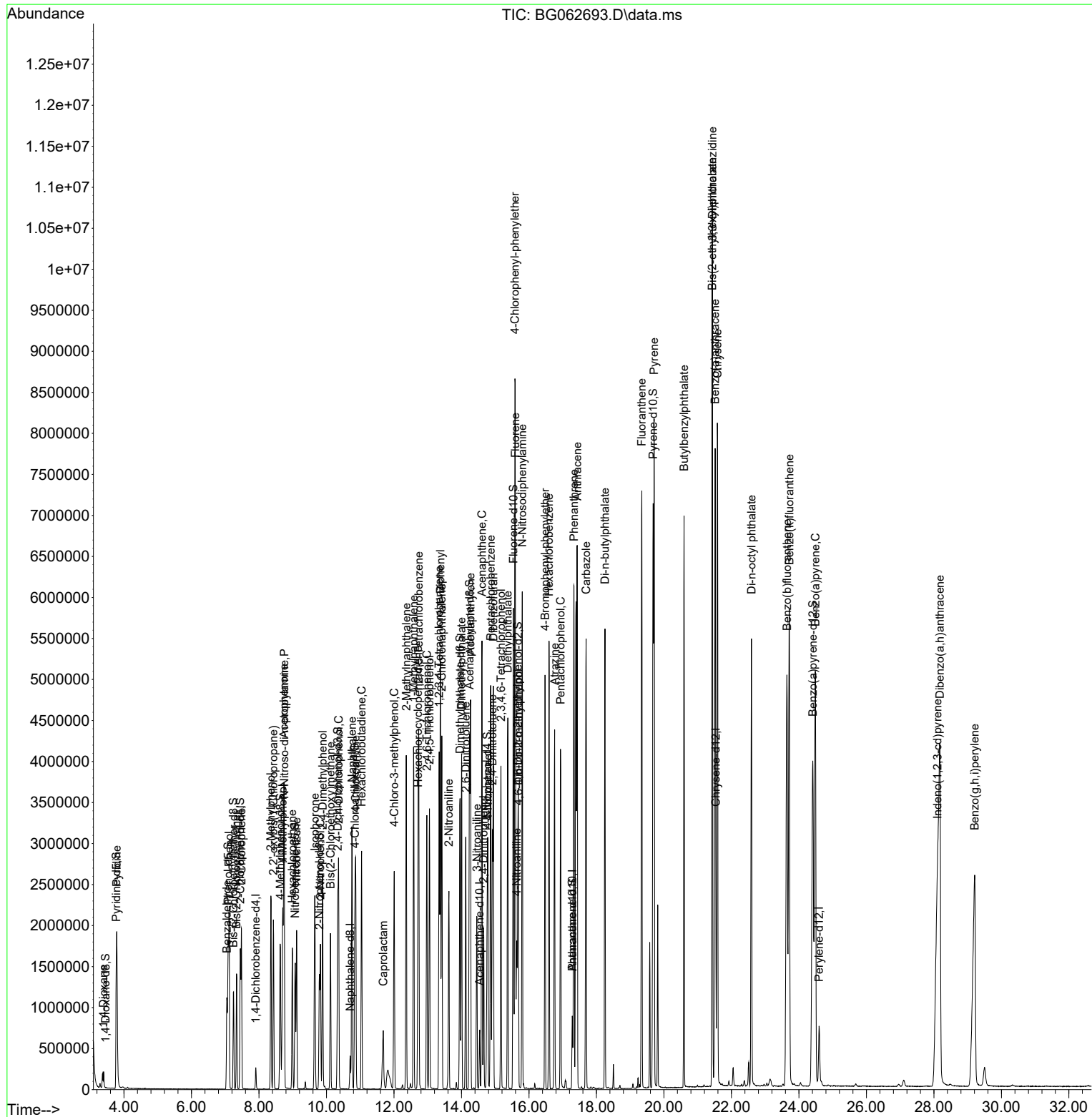
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	1991614	146.327	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.734	216	1397188	154.503	ng/ul	98
40) Hexachlorocyclopentadiene	12.710	237	825988	178.509	ng/ul	94
41) 2,4,6-Trichlorophenol	12.975	196	914107	166.883	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	1004089	170.733	ng/ul	95
43) 1,1'-Biphenyl	13.374	154	2651081	143.320	ng/ul	96
44) 2-Chloronaphthalene	13.416	162	2258334	150.141	ng/ul	96
45) 2-Nitroaniline	13.627	65	747820	181.184	ng/ul	96
47) Dimethylphthalate	14.003	163	2895230	138.788	ng/ul	97
48) 2,6-Dinitrotoluene	14.126	165	643176	175.005	ng/ul	97
50) Acenaphthylene	14.267	152	3239045	136.374	ng/ul	95
51) 3-Nitroaniline	14.455	138	546259	148.459	ng/ul	93
52) Acenaphthene	14.608	153	2395115	142.365	ng/ul	94
53) 2,4-Dinitrophenol	14.655	184	479627	197.636	ng/ul	98
55) 4-Nitrophenol	14.785	109	493455	159.533	ng/ul	98
56) Dibenzofuran	14.943	168	3295208	131.848	ng/ul	88
57) 2,4-Dinitrotoluene	14.914	165	939231	163.456	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.172	232	960918	161.231	ng/ul	99
59) Diethylphthalate	15.372	149	2807858	136.441	ng/ul	96
61) Fluorene	15.595	166	2561264	130.455	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.584	204	1556227	135.130	ng/ul	94
63) 4-Nitroaniline	15.636	138	570325	144.038	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.689	198	652358	169.621	ng/ul#	96
67) N-Nitrosodiphenylamine	15.801	169	2393310	144.678	ng/ul	96
68) 4-Bromophenyl-phenylether	16.477	248	1140388	153.643	ng/ul	100
69) Hexachlorobenzene	16.594	284	1264119	149.166	ng/ul	94
70) Atrazine	16.759	200	1018621	138.256	ng/ul	99
71) Pentachlorophenol	16.935	266	859220	169.508	ng/ul	97
72) Phenanthrene	17.334	178	4182144	124.680	ng/ul#	89
74) Anthracene	17.428	178	4098173	119.845	ng/ul#	87
75) 1,2,3,4-Tetrachloroben...	13.339	216	1455101	165.192	ng/ul	99
76) Pentachlorobenzene	14.867	250	1513475	155.052	ng/ul	99
77) Carbazole	17.693	167	3770380	132.960	ng/ul#	90
78) Di-n-butylphthalate	18.251	149	3977330	118.597	ng/ul#	89
80) Fluoranthene	19.344	202	4762756	121.616	ng/ul#	90
82) Pyrene	19.708	202	4740922	112.461	ng/ul#	84
83) Butylbenzylphthalate	20.595	149	2030600	162.262	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.436	252	1669175	126.173	ng/ul	99
85) Benzo(a)anthracene	21.518	228	5501525	125.884	ng/ul#	80
86) Bis(2-ethylhexyl)phtha...	21.430	149	2707992	146.959	ng/ul	94
87) Chrysene	21.582	228	5089124	122.743	ng/ul#	78
89) Di-n-octyl phthalate	22.593	149	4578787	142.996	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	6247350	146.991	ng/ul#	91
91) Benzo(k)fluoranthene	23.715	252	5715183	131.326	ng/ul#	90
93) Benzo(a)pyrene	24.485	252	5725479	142.825	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.104	276	7864403	159.226	ng/ul	98
95) Dibenzo(a,h)anthracene	28.175	278	6153373	155.104	ng/ul	95
96) Benzo(g,h,i)perylene	29.209	276	6097230	159.838	ng/ul	99

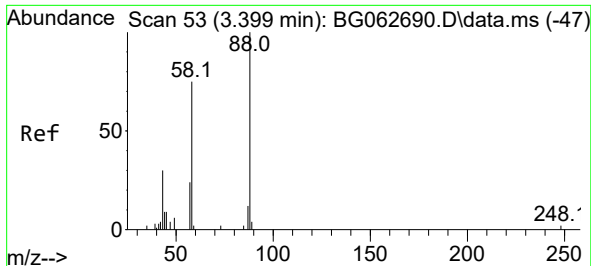
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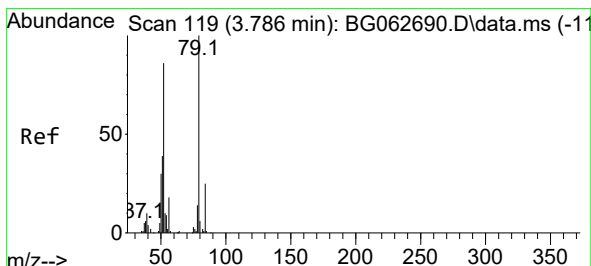
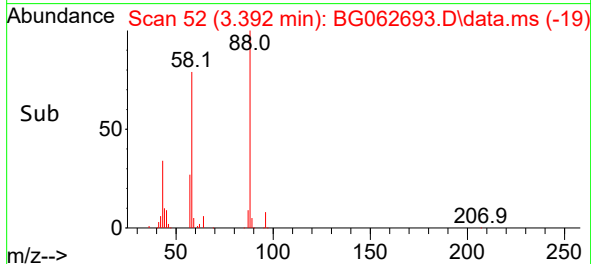
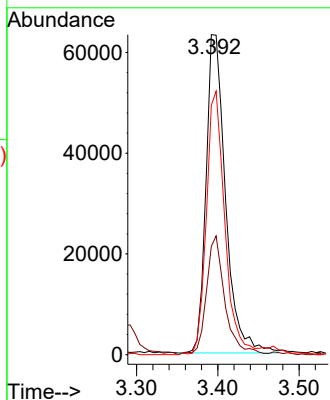
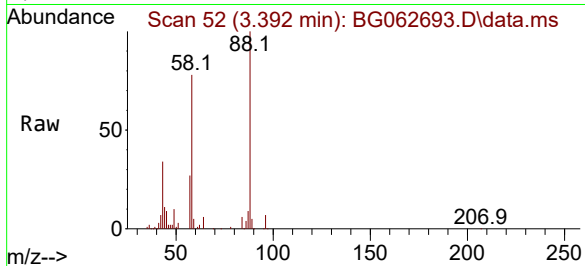




#2
1,4-Dioxane
Concen: 58.935 ng/uL
RT: 3.392 min Scan# 51
Delta R.T. -0.007 min
Lab File: BG062693.D
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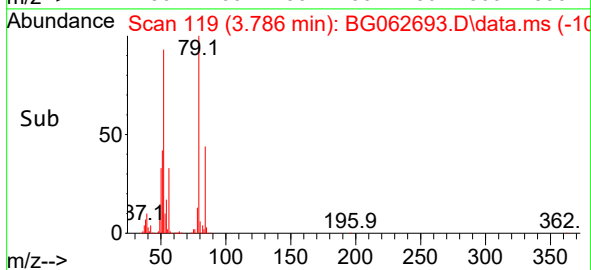
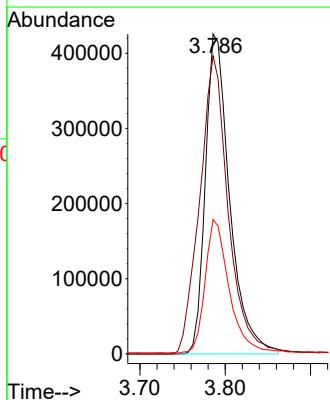
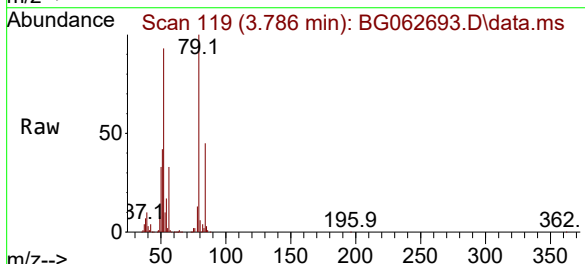
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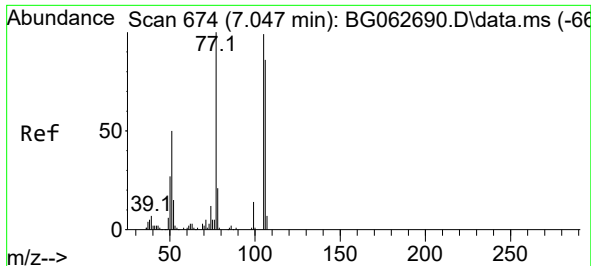
Tgt Ion: 88 Resp: 105461
Ion Ratio Lower Upper
88 100
43 33.9 23.1 34.7
58 77.9 57.2 85.8



#5
Pyridine
Concen: 158.397 ng/uL
RT: 3.786 min Scan# 119
Delta R.T. -0.001 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion: 79 Resp: 844362
Ion Ratio Lower Upper
79 100
52 93.2 69.8 104.8
51 42.0 34.0 51.0

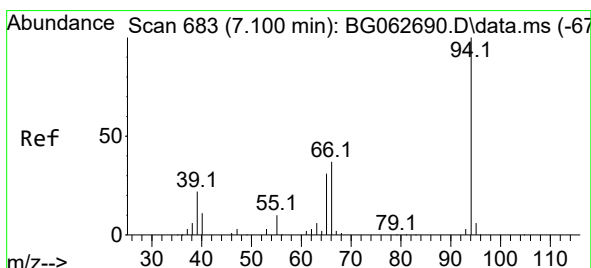
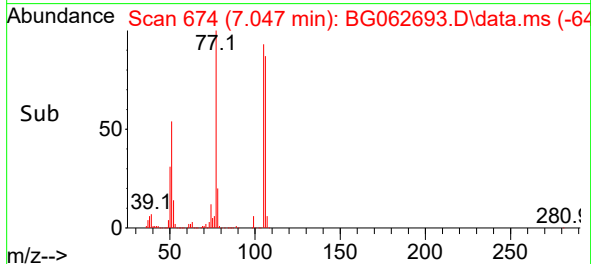
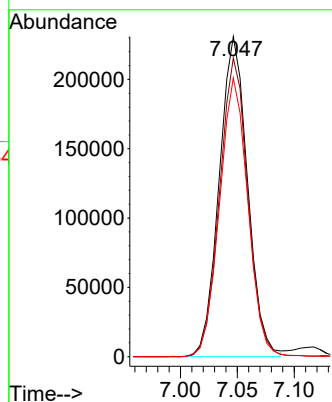
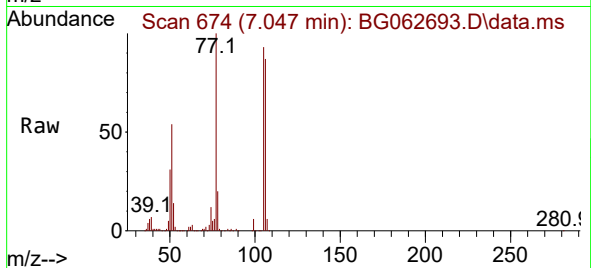




#6
Benzaldehyde
Concen: 116.082 ng/ul
RT: 7.047 min Scan# 611
Delta R.T. -0.001 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

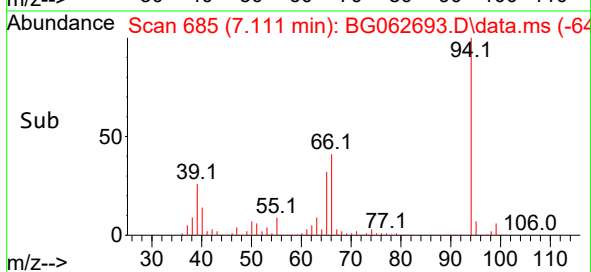
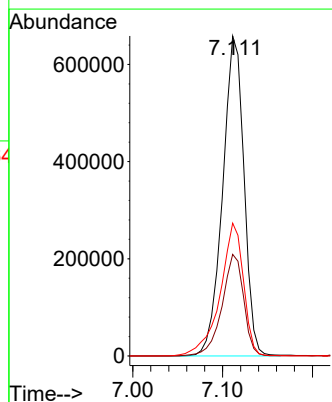
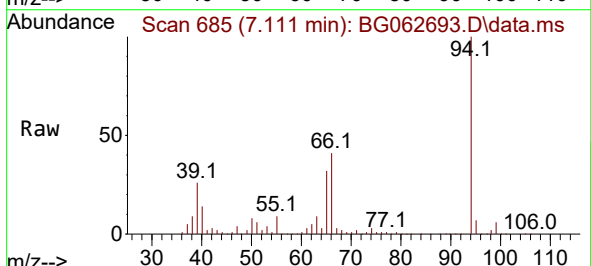
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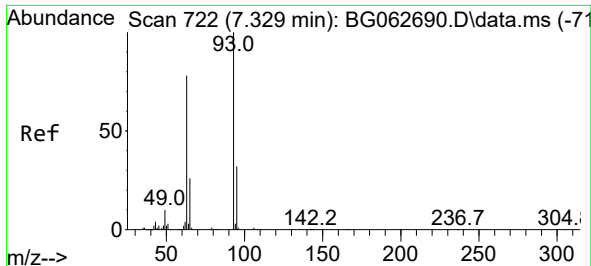
Tgt Ion: 77 Resp: 400268
Ion Ratio Lower Upper
77 100
105 93.3 79.0 118.4
106 87.1 69.0 103.6



#8
Phenol
Concen: 165.373 ng/ul
RT: 7.111 min Scan# 685
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion: 94 Resp: 1087970
Ion Ratio Lower Upper
94 100
65 31.7 25.1 37.7
66 41.5 30.8 46.2

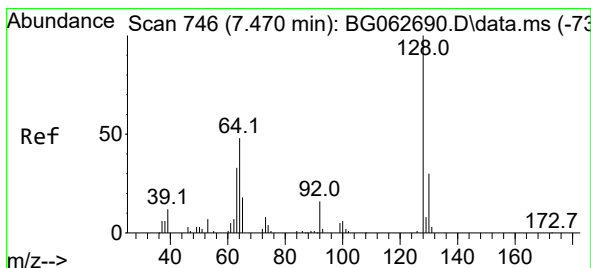
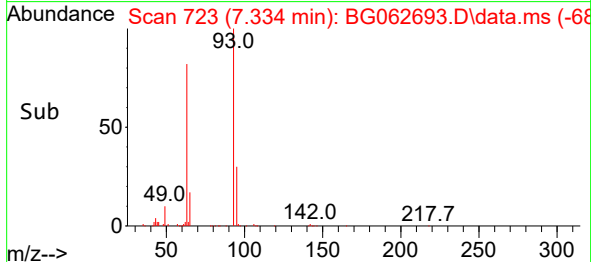
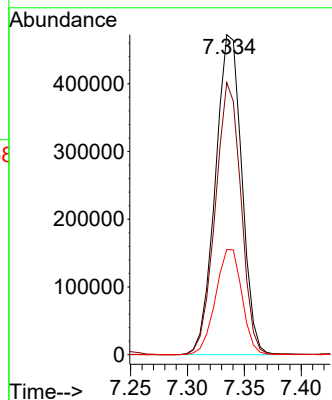
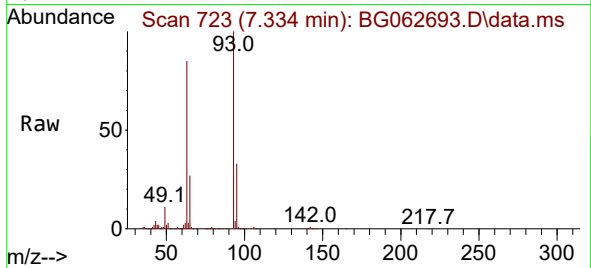




#10
Bis(2-Chloroethyl)ether
Concen: 154.215 ng/ul
RT: 7.334 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

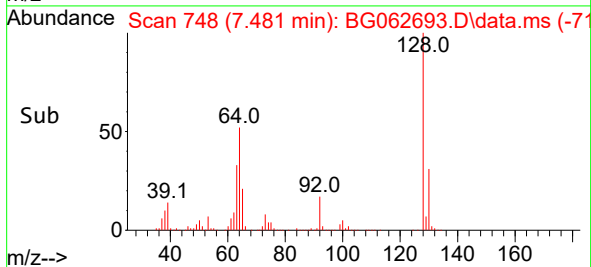
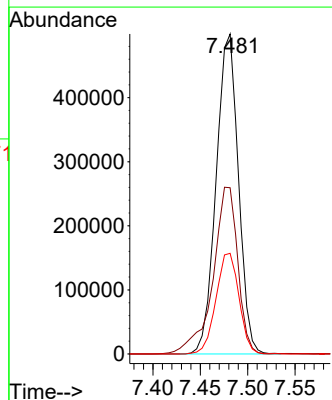
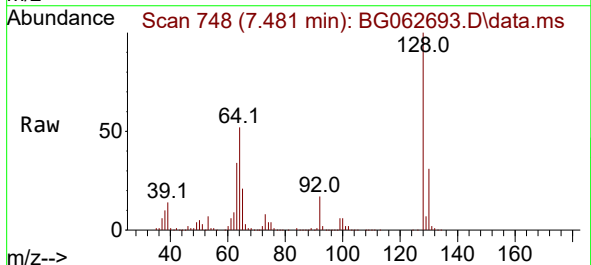
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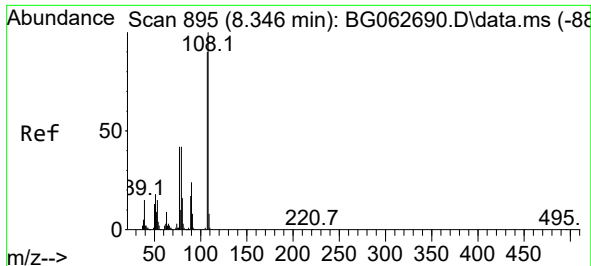
Tgt Ion: 93 Resp: 766960
Ion Ratio Lower Upper
93 100
63 85.1 62.0 93.0
95 32.9 25.9 38.9



#12
2-Chlorophenol
Concen: 173.038 ng/ul
RT: 7.481 min Scan# 748
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:128 Resp: 815613
Ion Ratio Lower Upper
128 100
64 51.9 42.0 63.0
130 31.5 24.0 36.0





#13

2-Methylphenol

Concen: 165.916 ng/ul

RT: 8.351 min Scan# 895

Delta R.T. 0.005 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

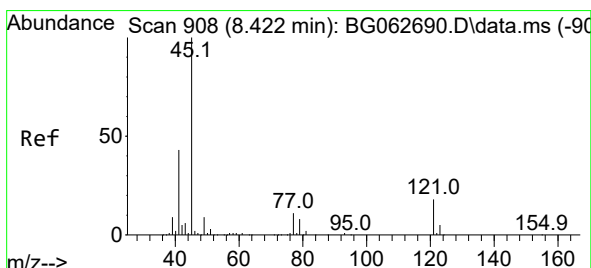
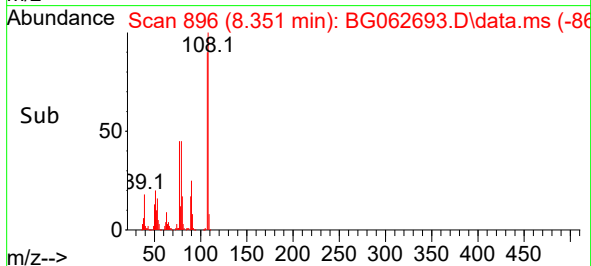
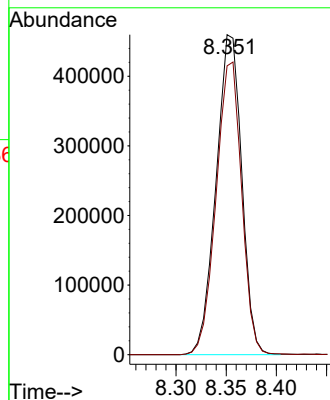
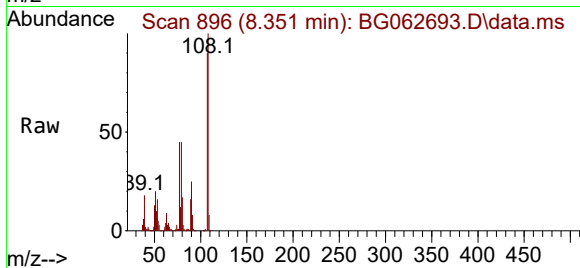
SSTD160443

Tgt Ion:108 Resp: 818519

Ion Ratio Lower Upper

108 100

107 90.2 72.1 108.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 157.600 ng/ul

RT: 8.427 min Scan# 909

Delta R.T. 0.005 min

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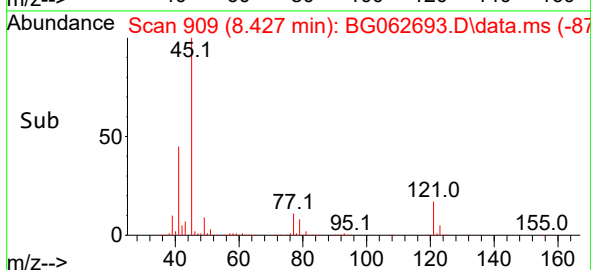
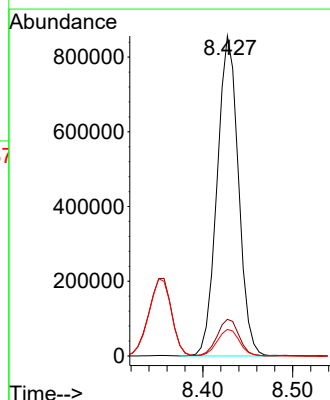
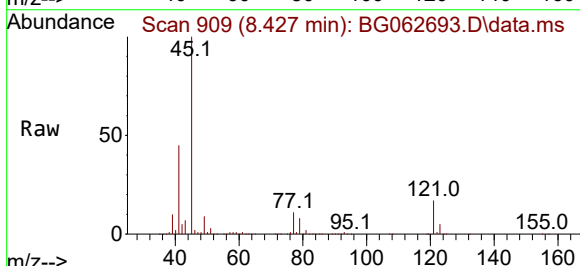
Tgt Ion: 45 Resp: 1410769

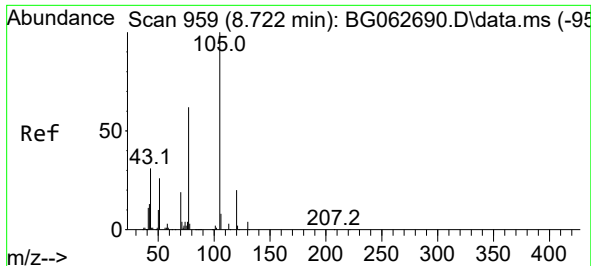
Ion Ratio Lower Upper

45 100

77 11.5 9.0 13.6

79 8.3 6.6 9.8

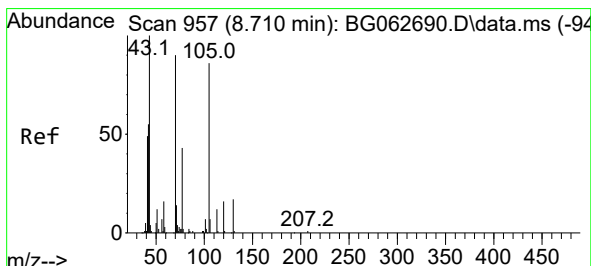
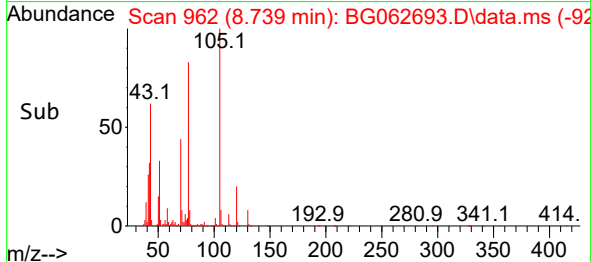
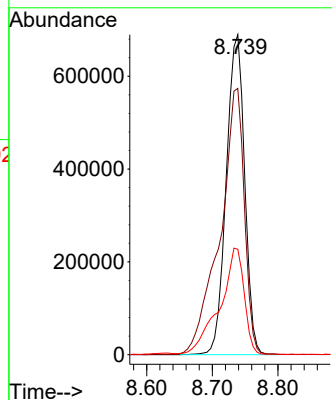
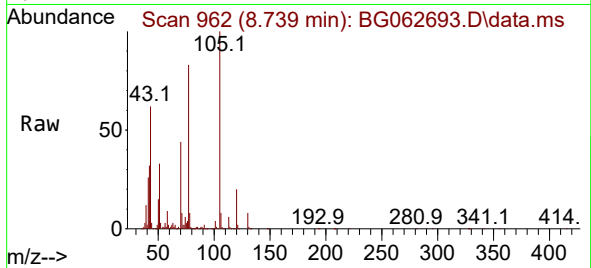




#16
Acetophenone
Concen: 156.505 ng/ul
RT: 8.739 min Scan# 90
Delta R.T. 0.017 min
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Acq: 9 Sep 2024 17:46

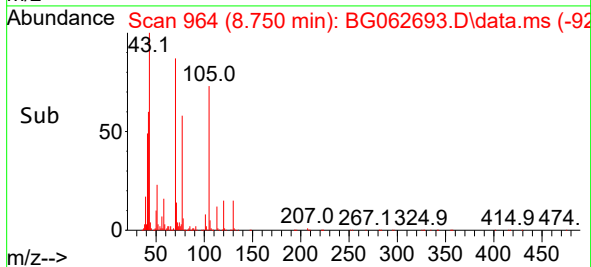
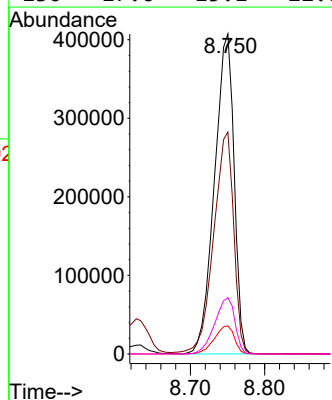
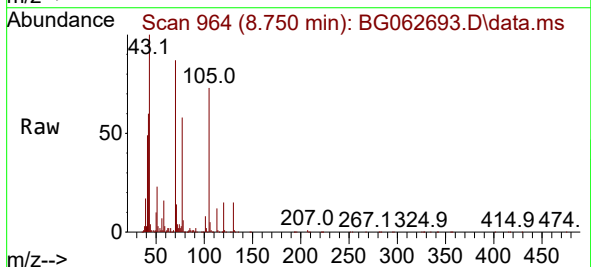
Instrument :
BNA_G
ClientSampleId :
SSTD160443

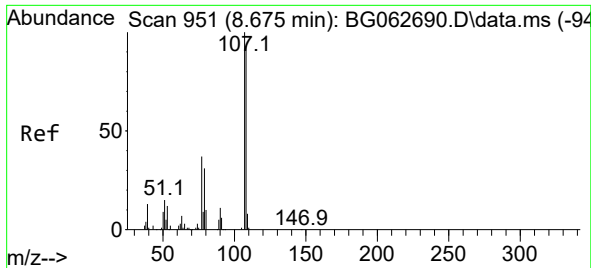
Tgt Ion:105 Resp: 1341518
Ion Ratio Lower Upper
105 100
77 83.2 63.3 94.9
51 33.0 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 166.789 ng/ul
RT: 8.750 min Scan# 964
Delta R.T. 0.040 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion: 70 Resp: 748417
Ion Ratio Lower Upper
70 100
42 69.3 50.2 75.2
101 8.8 6.2 9.4
130 17.6 15.1 22.7

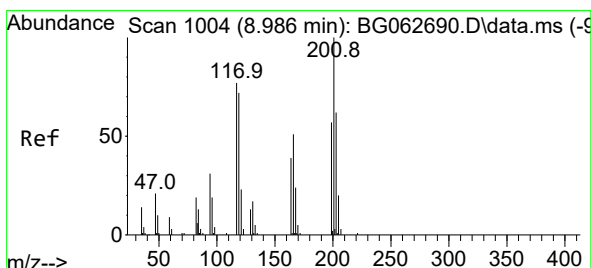
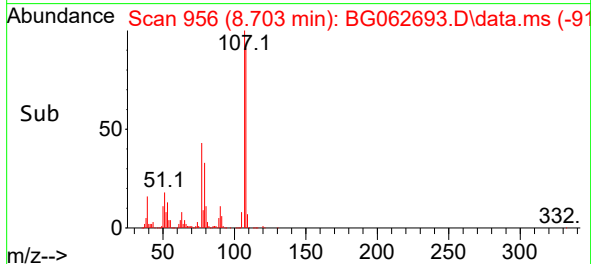
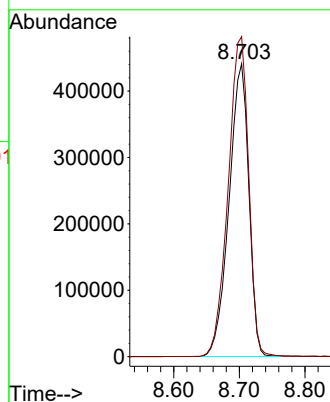
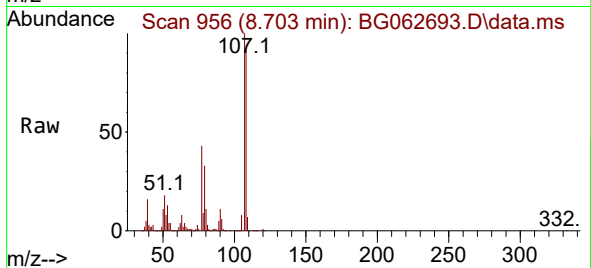




#18
4-Methylphenol
Concen: 165.915 ng/ul
RT: 8.703 min Scan# 91
Delta R.T. 0.029 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

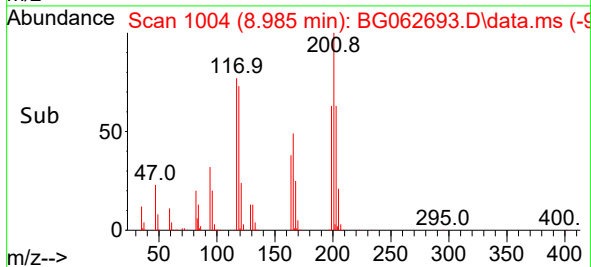
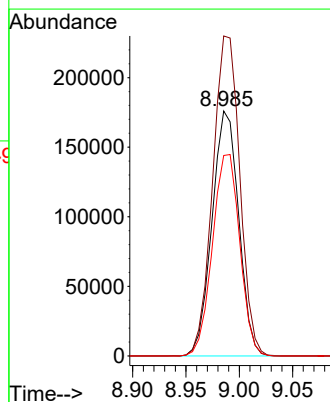
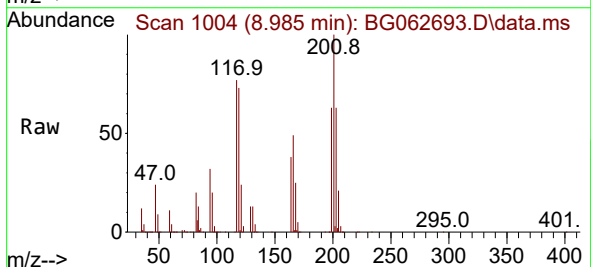
Instrument :
BNA_G
ClientSampleId :
SSTD160443

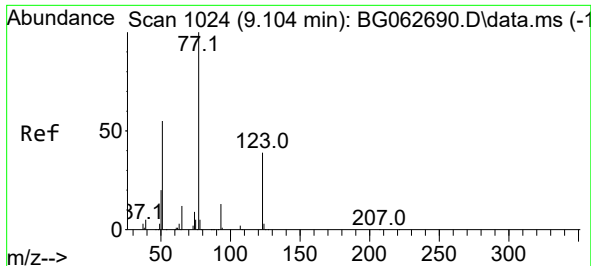
Tgt Ion:108 Resp: 920864
Ion Ratio Lower Upper
108 100
107 109.3 86.4 129.6



#19
Hexachloroethane
Concen: 161.251 ng/ul
RT: 8.985 min Scan# 1004
Delta R.T. -0.001 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:117 Resp: 305973
Ion Ratio Lower Upper
117 100
201 130.6 106.6 160.0
199 81.8 62.0 93.0

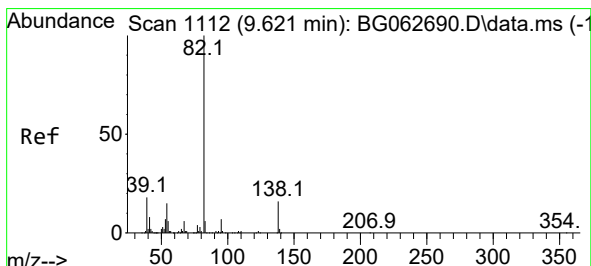
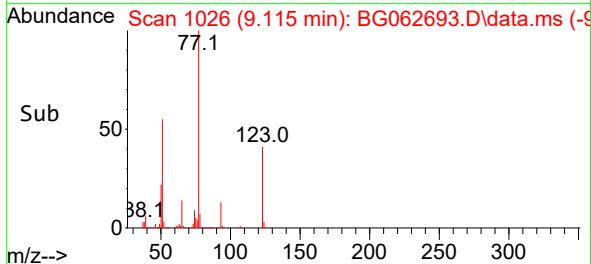
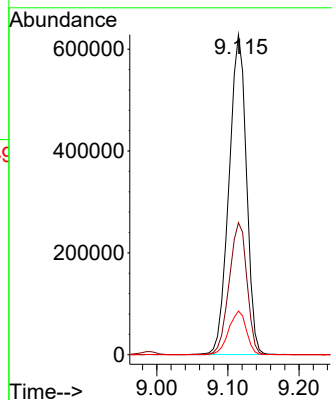
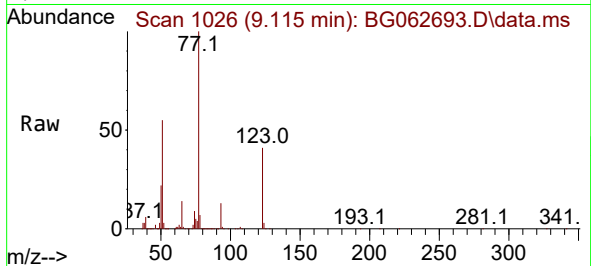




#22
Nitrobenzene
Concen: 164.880 ng/ul
RT: 9.115 min Scan# 1026
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

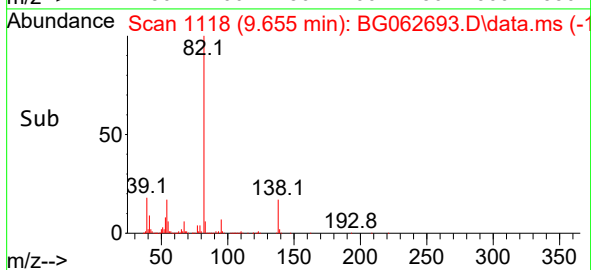
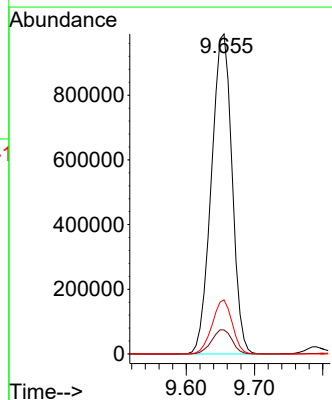
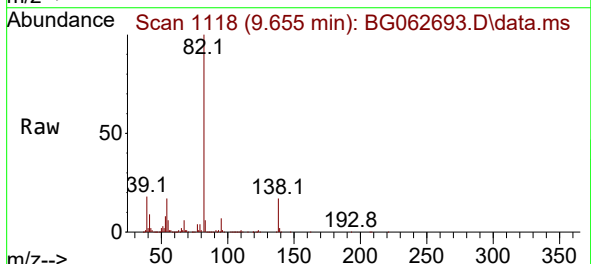
Instrument :
BNA_G
ClientSampleId :
SSTD160443

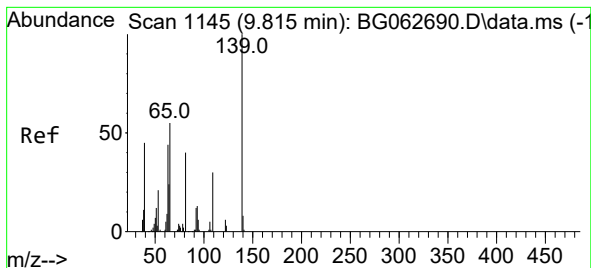
Tgt Ion: 77 Resp: 1070425
Ion Ratio Lower Upper
77 100
123 41.2 30.9 46.3
65 13.7 9.7 14.5



#23
Isophorone
Concen: 157.068 ng/ul
RT: 9.655 min Scan# 1118
Delta R.T. 0.034 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion: 82 Resp: 2084786
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 16.9 13.0 19.6

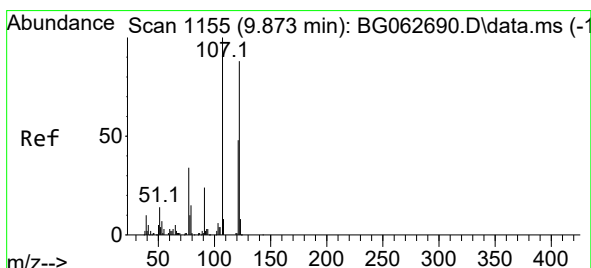
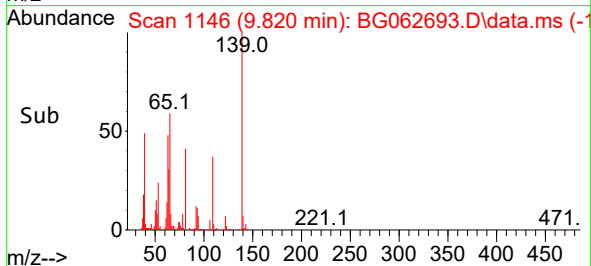
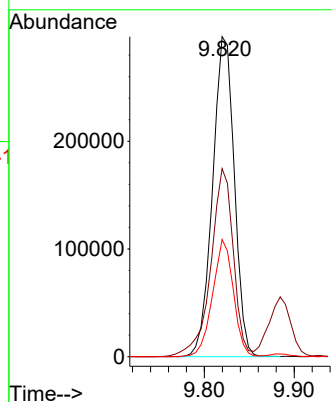
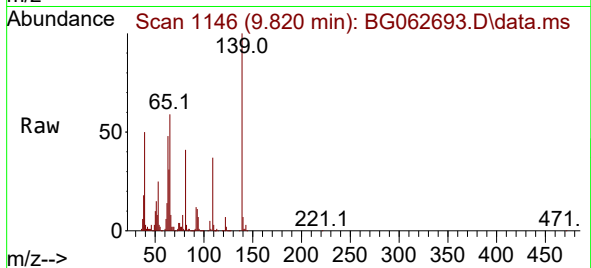




#25
2-Nitrophenol
Concen: 172.911 ng/ul
RT: 9.820 min Scan# 1145
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

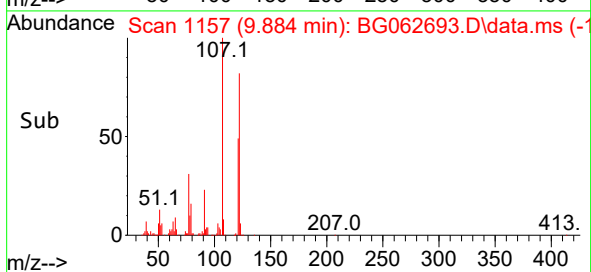
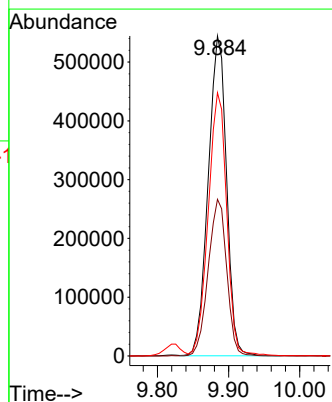
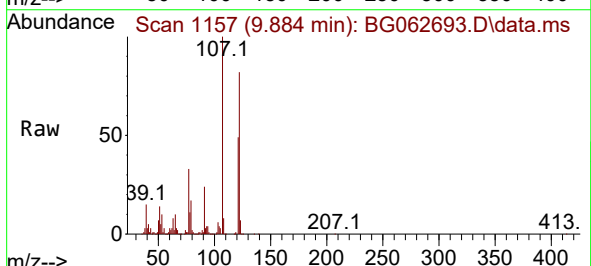
Instrument :
BNA_G
ClientSampleId :
SSTD160443

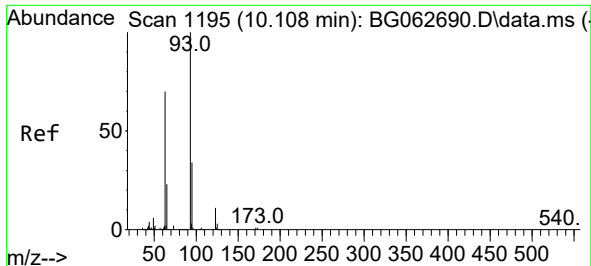
Tgt Ion:139 Resp: 500180
Ion Ratio Lower Upper
139 100
65 58.7 45.4 68.0
109 36.6 23.9 35.9#



#26
2,4-Dimethylphenol
Concen: 157.793 ng/ul
RT: 9.884 min Scan# 1157
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:107 Resp: 975339
Ion Ratio Lower Upper
107 100
121 48.9 38.8 58.2
122 82.2 70.5 105.7

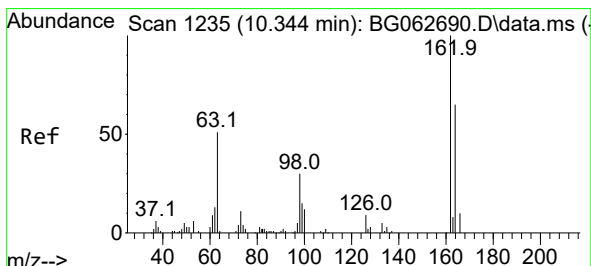
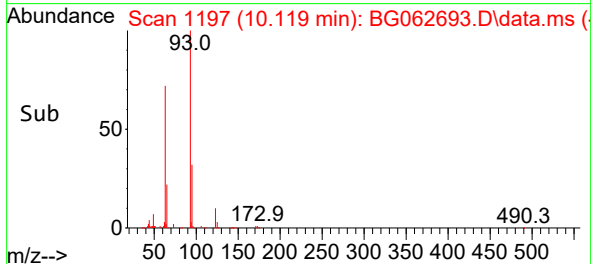
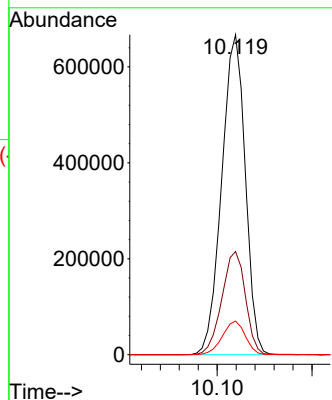
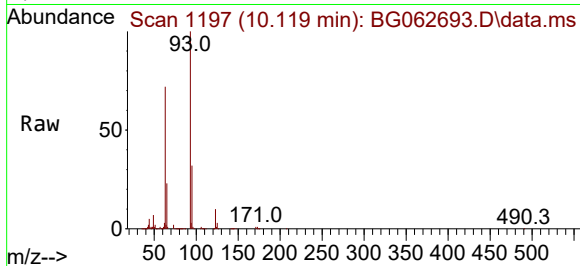




#27
 Bis(2-Chloroethoxy)methane
 Concen: 155.099 ng/ul
 RT: 10.119 min Scan# 1197
 Delta R.T. 0.011 min
 Lab File: BG062693.D
 Acq: 9 Sep 2024 17:46

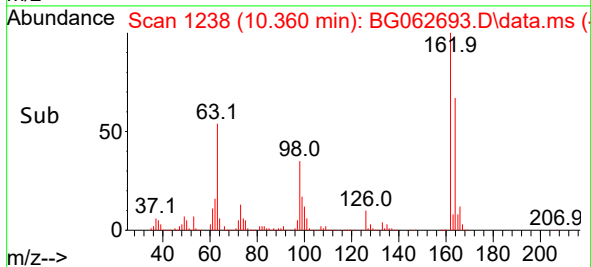
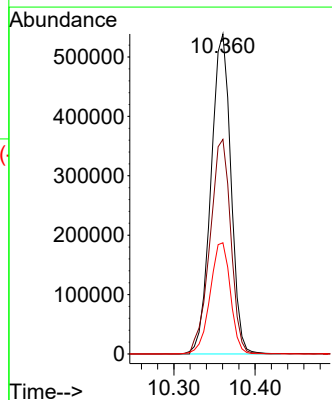
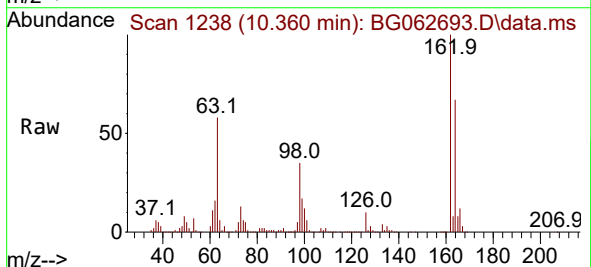
Instrument :
 BNA_G
 ClientSampleId :
 SSTD160443

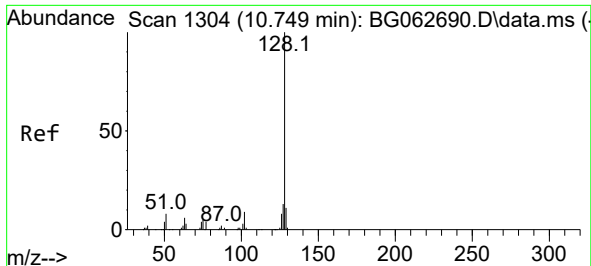
Tgt Ion: 93 Resp: 1150509
 Ion Ratio Lower Upper
 93 100
 95 32.3 27.4 41.2
 123 10.5 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 163.177 ng/ul
 RT: 10.360 min Scan# 1238
 Delta R.T. 0.017 min
 Lab File: BG062693.D
 Acq: 9 Sep 2024 17:46

Tgt Ion:162 Resp: 918620
 Ion Ratio Lower Upper
 162 100
 164 67.0 51.9 77.9
 98 34.7 23.8 35.6

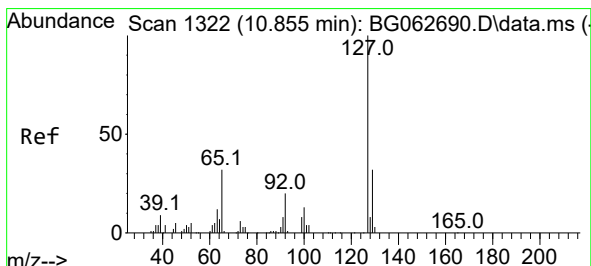
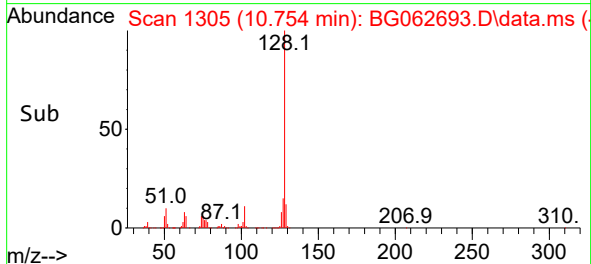
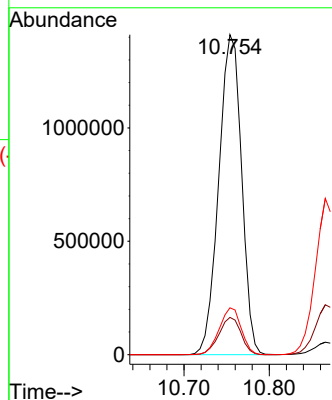
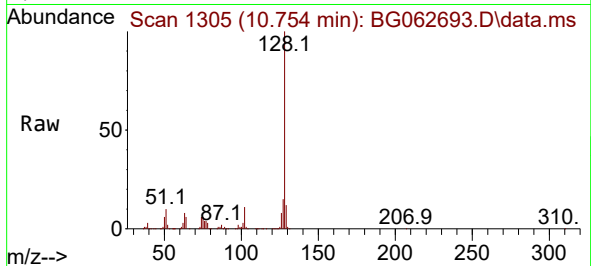




#30
Naphthalene
Concen: 145.727 ng/ul
RT: 10.754 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

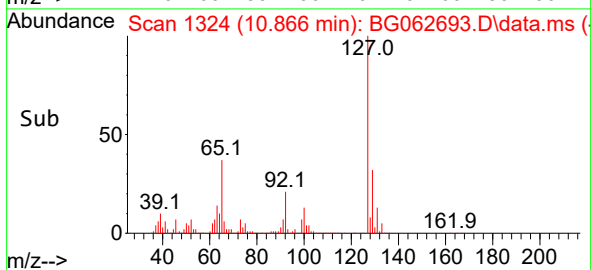
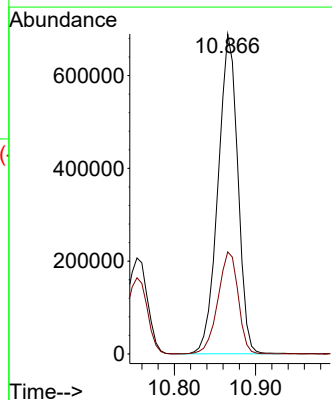
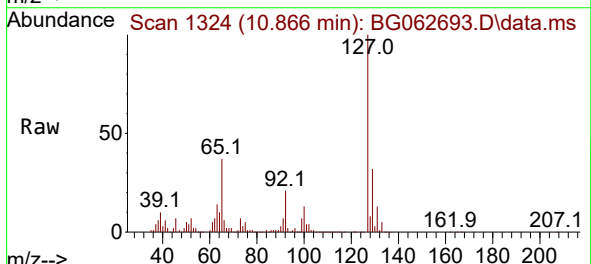
Instrument :
BNA_G
ClientSampleId :
SSTD160443

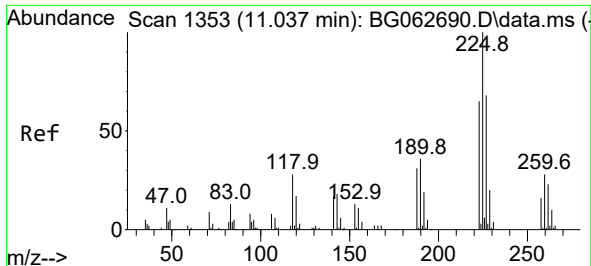
Tgt Ion:128 Resp: 2623621
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.7 10.7 16.1



#32
4-Chloroaniline
Concen: 149.501 ng/ul
RT: 10.866 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:127 Resp: 1168164
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8

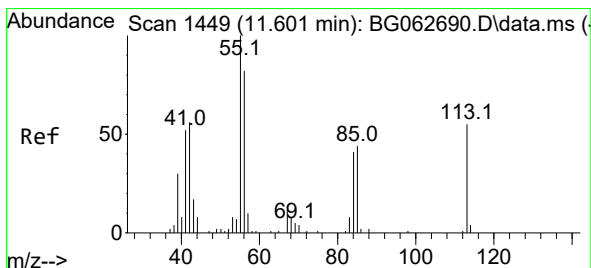
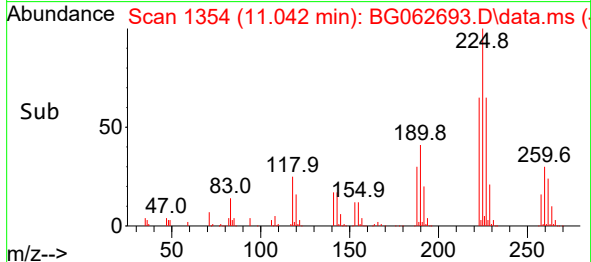
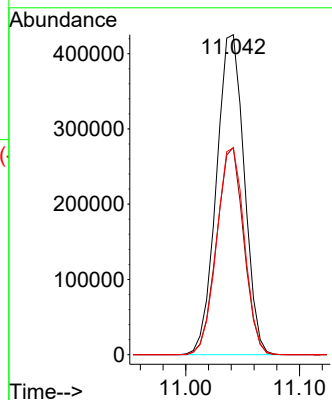
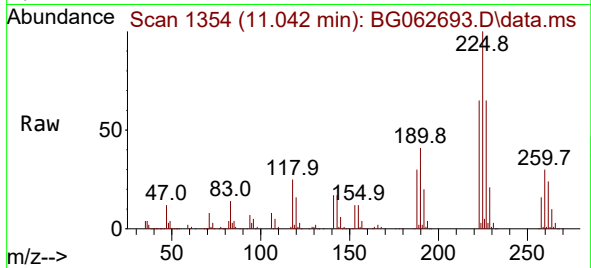




#33
Hexachlorobutadiene
Concen: 154.171 ng/ul
RT: 11.042 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

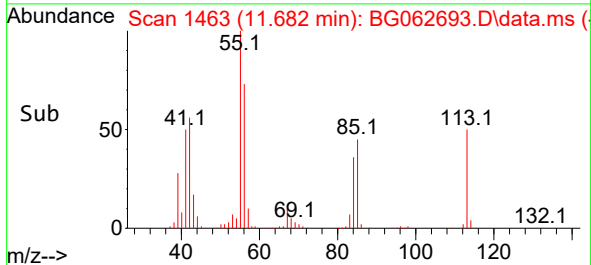
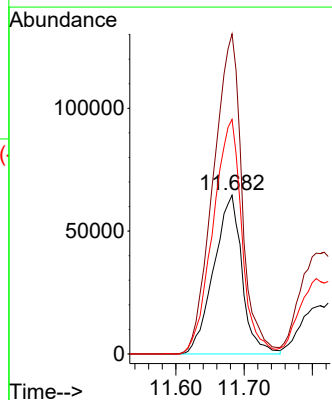
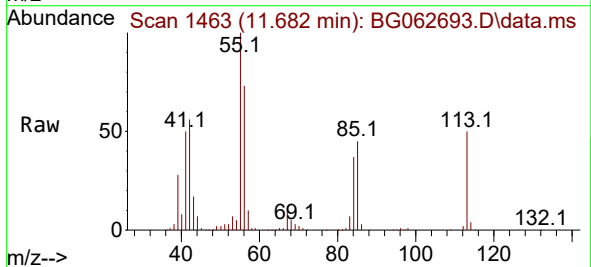
Instrument :
BNA_G
ClientSampleId :
SSTD160443

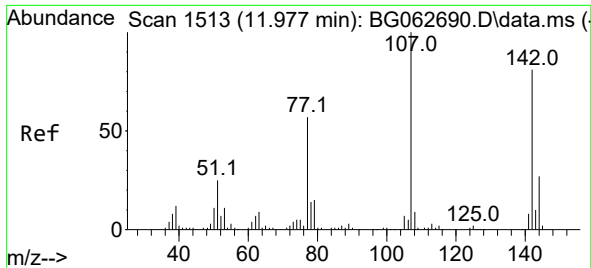
Tgt Ion:225 Resp: 723029
Ion Ratio Lower Upper
225 100
223 64.7 52.3 78.5
227 64.7 56.4 84.6



#34
Caprolactam
Concen: 90.315 ng/ul
RT: 11.682 min Scan# 1463
Delta R.T. 0.081 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:113 Resp: 185864
Ion Ratio Lower Upper
113 100
55 201.7 150.8 226.2
56 147.9 125.0 187.6

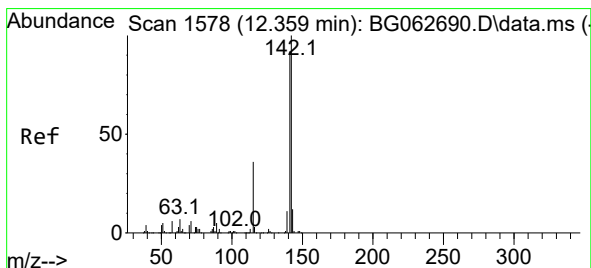
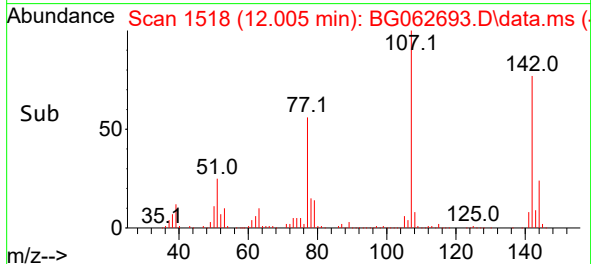
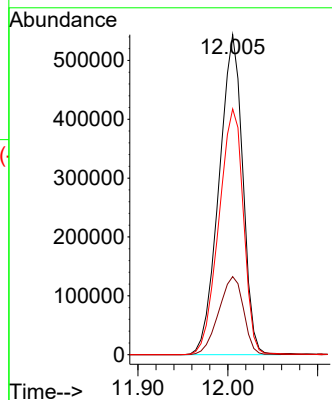
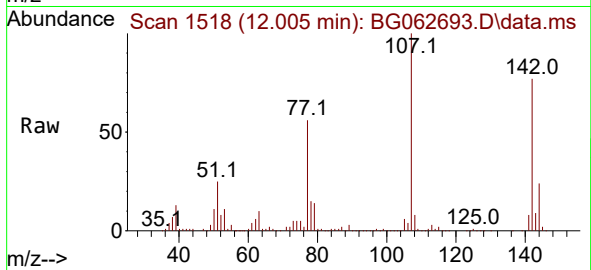




#35
4-Chloro-3-methylphenol
Concen: 162.350 ng/ul
RT: 12.005 min Scan# 1518
Delta R.T. 0.029 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

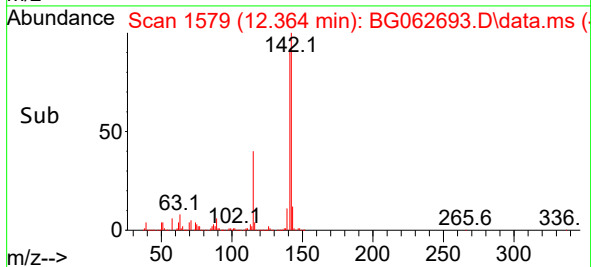
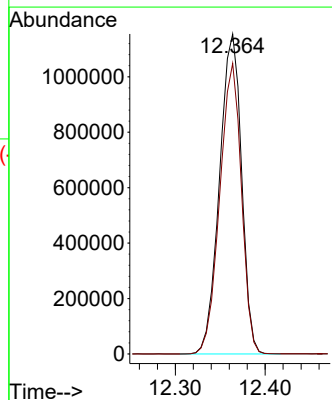
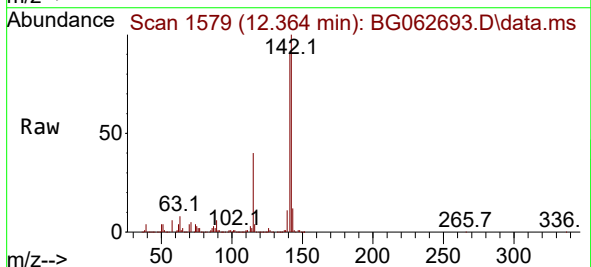
Instrument :
BNA_G
ClientSampleId :
SSTD160443

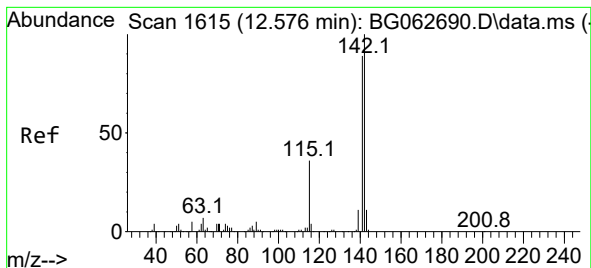
Tgt Ion:107 Resp: 997002
Ion Ratio Lower Upper
107 100
144 24.4 21.8 32.6
142 76.8 64.8 97.2



#36
2-Methylnaphthalene
Concen: 147.715 ng/ul
RT: 12.364 min Scan# 1579
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:142 Resp: 1962746
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.2





#37

1-Methylnaphthalene

Concen: 146.327 ng/ul

RT: 12.581 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

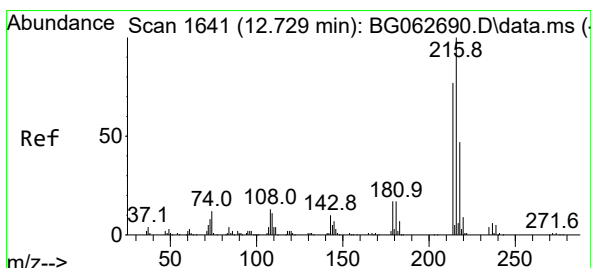
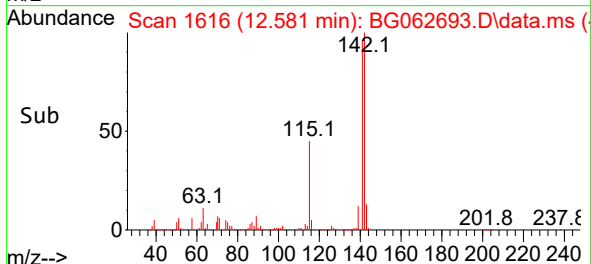
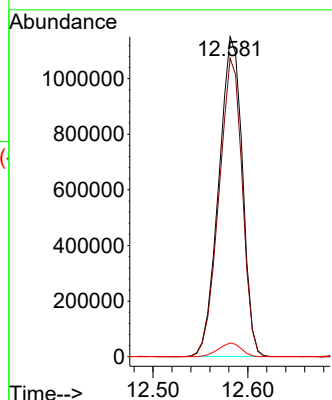
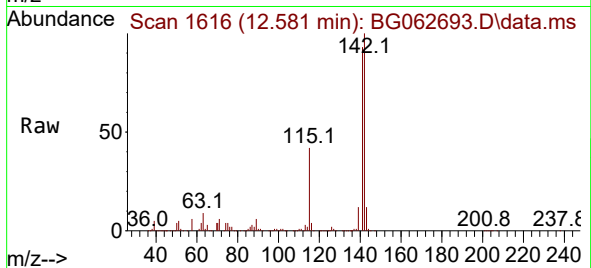
Tgt Ion:142 Resp: 1991614

Ion Ratio Lower Upper

142 100

141 93.3 71.1 106.7

116 4.3 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 154.503 ng/ul

RT: 12.734 min Scan# 1642

Delta R.T. 0.005 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Tgt Ion:216 Resp: 1397188

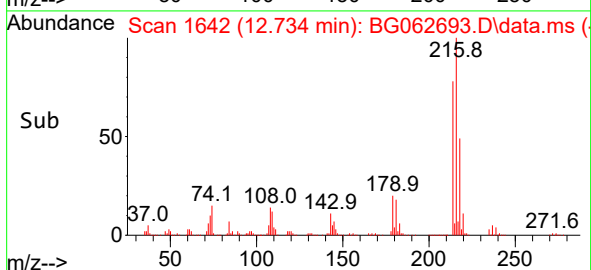
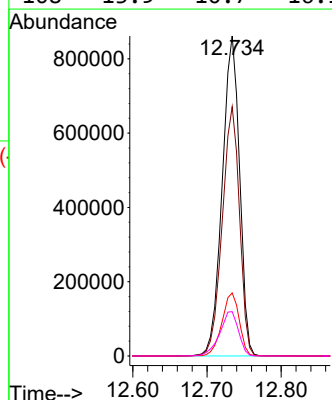
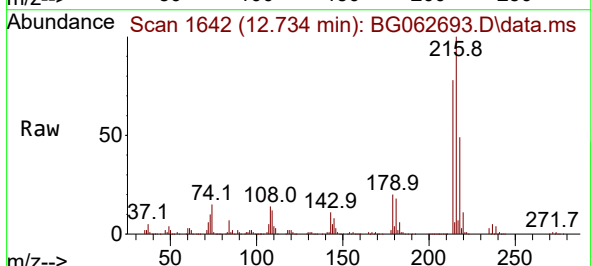
Ion Ratio Lower Upper

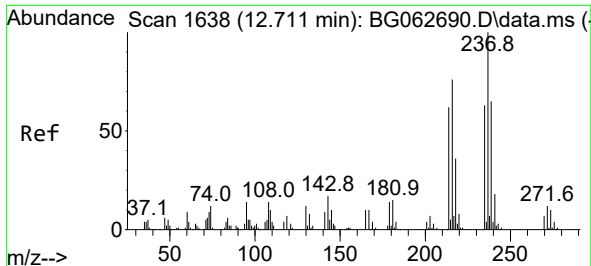
216 100

214 77.9 61.8 92.8

179 19.7 13.6 20.4

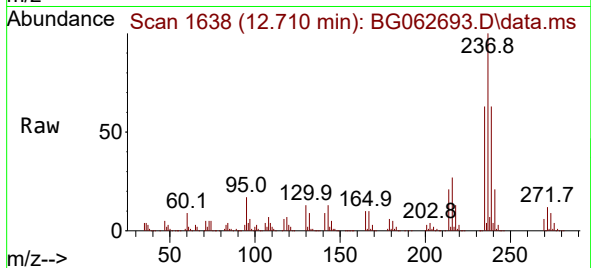
108 13.9 10.7 16.1



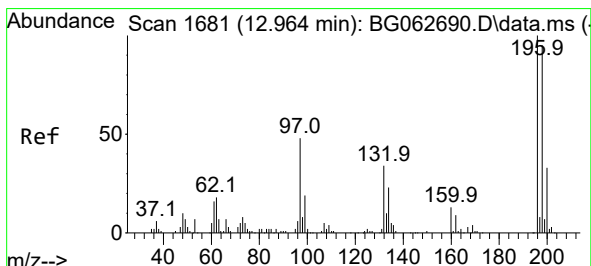
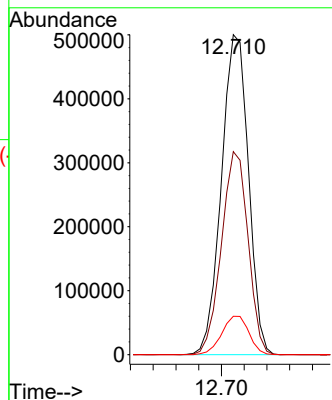
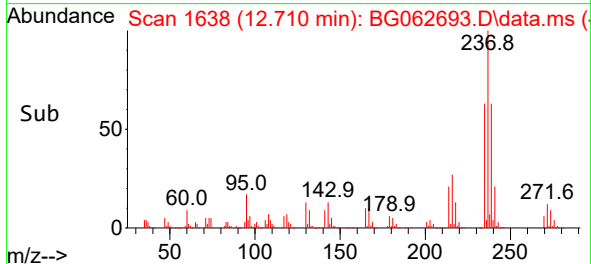


#40
Hexachlorocyclopentadiene
Concen: 178.509 ng/ul
RT: 12.710 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

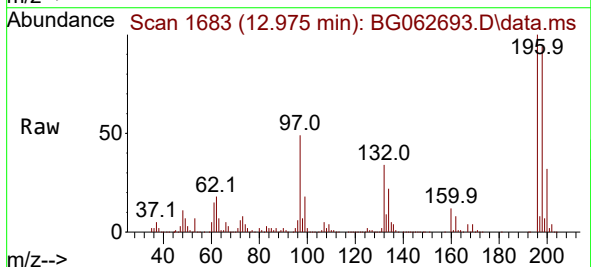
Instrument :
BNA_G
ClientSampleId :
SSTD160443



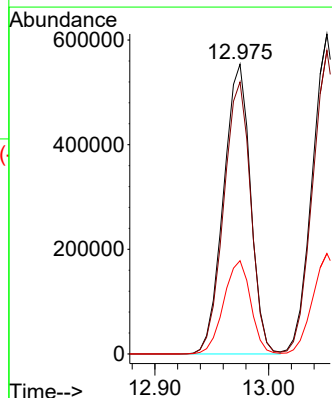
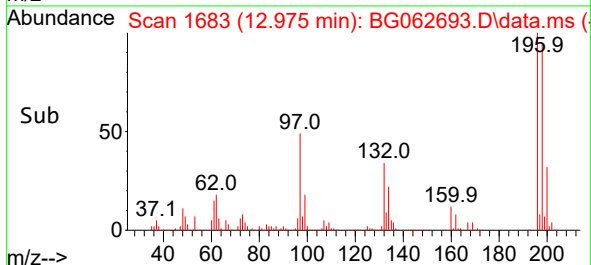
Tgt Ion:237 Resp: 825988
Ion Ratio Lower Upper
237 100
235 63.4 47.0 70.6
272 12.7 9.4 14.0

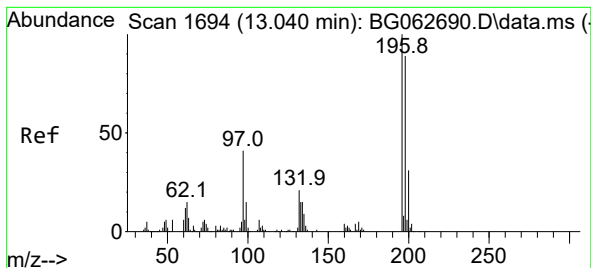


#41
2,4,6-Trichlorophenol
Concen: 166.883 ng/ul
RT: 12.975 min Scan# 1683
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46



Tgt Ion:196 Resp: 914107
Ion Ratio Lower Upper
196 100
198 93.9 76.2 114.4
200 32.2 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 170.733 ng/ul

RT: 13.051 min Scan# 1

Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

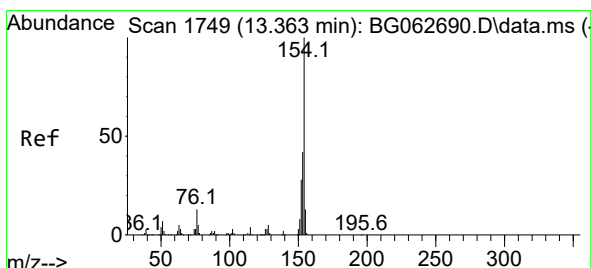
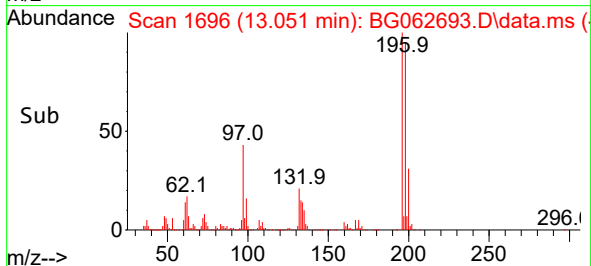
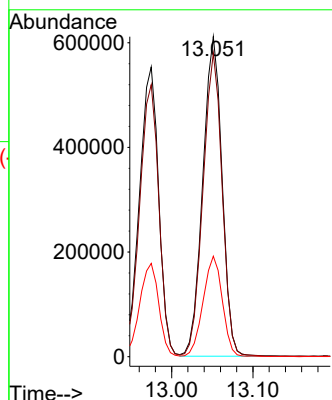
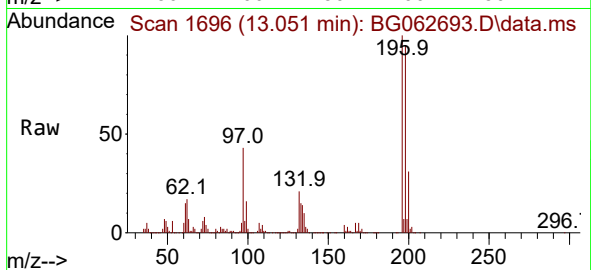
Tgt Ion:196 Resp: 1004089

Ion Ratio Lower Upper

196 100

198 94.9 71.2 106.8

200 31.4 24.6 37.0



#43

1,1'-Biphenyl

Concen: 143.320 ng/ul

RT: 13.374 min Scan# 1751

Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

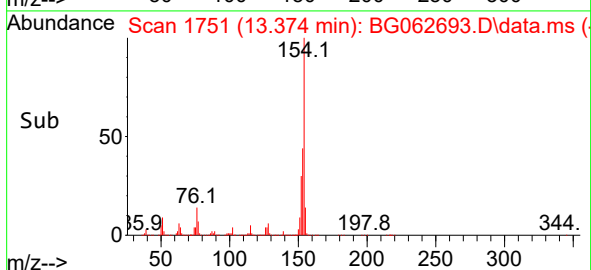
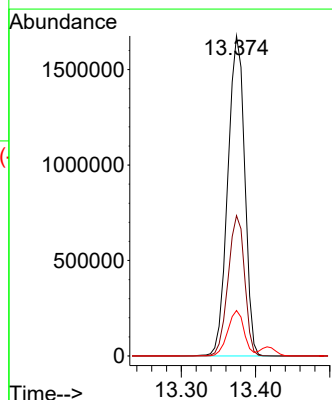
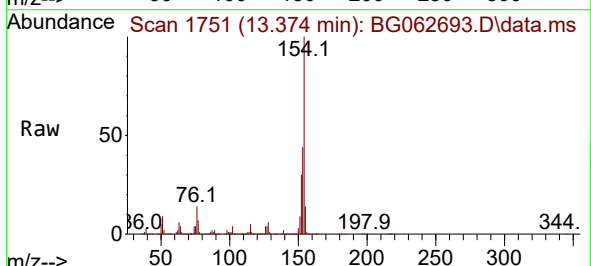
Tgt Ion:154 Resp: 2651081

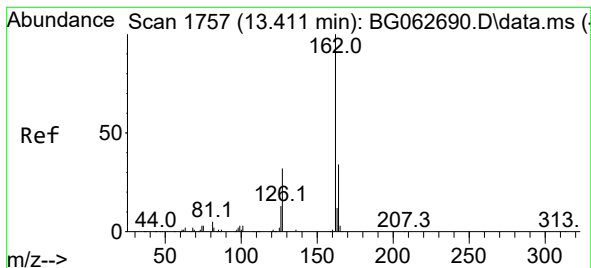
Ion Ratio Lower Upper

154 100

153 43.8 33.4 50.0

76 14.2 10.1 15.1





#44

2-Chloronaphthalene

Concen: 150.141 ng/ul

RT: 13.416 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

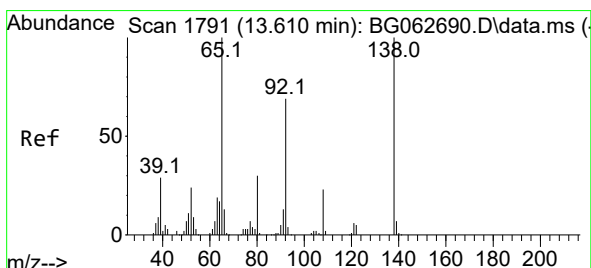
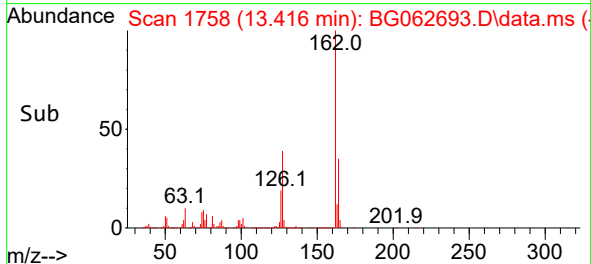
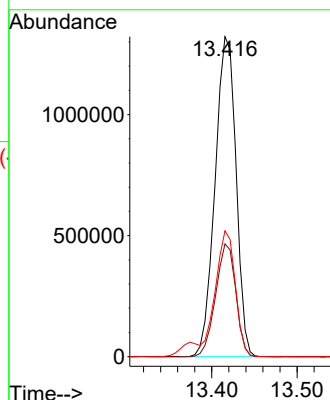
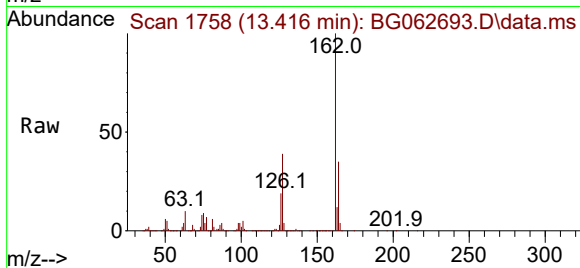
Tgt Ion:162 Resp: 2258334

Ion Ratio Lower Upper

162 100

164 35.2 27.1 40.7

127 39.4 28.5 42.7



#45

2-Nitroaniline

Concen: 181.184 ng/ul

RT: 13.627 min Scan# 1794

Delta R.T. 0.017 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

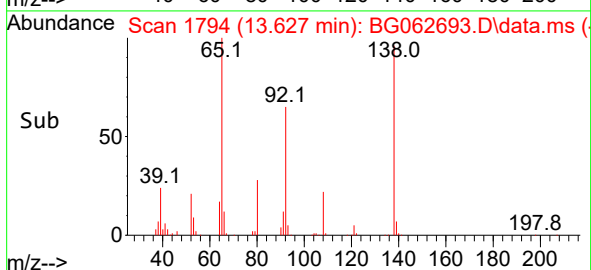
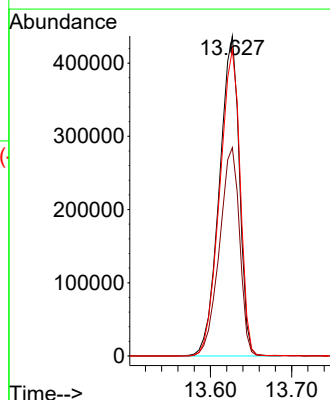
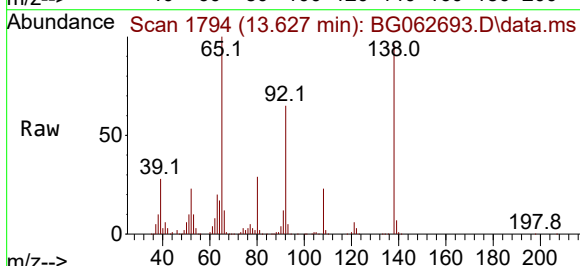
Tgt Ion: 65 Resp: 747820

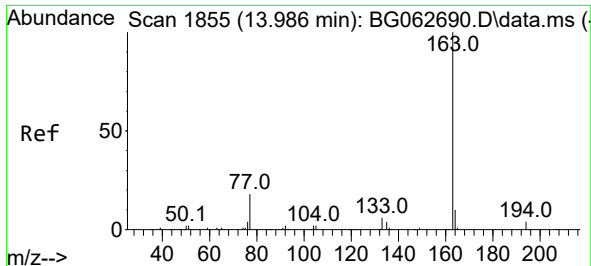
Ion Ratio Lower Upper

65 100

92 65.1 55.0 82.4

138 95.8 80.0 120.0

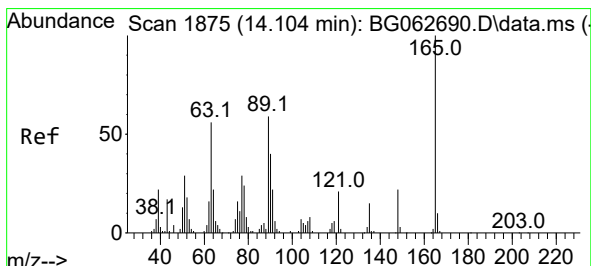
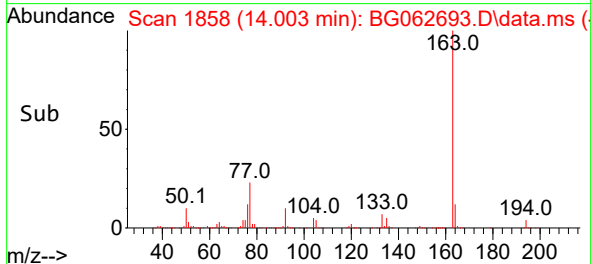
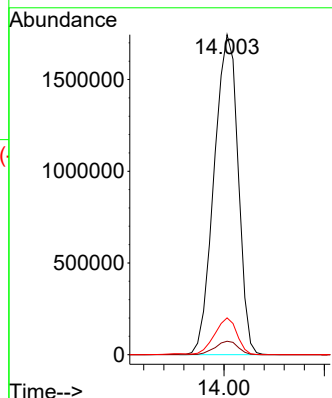
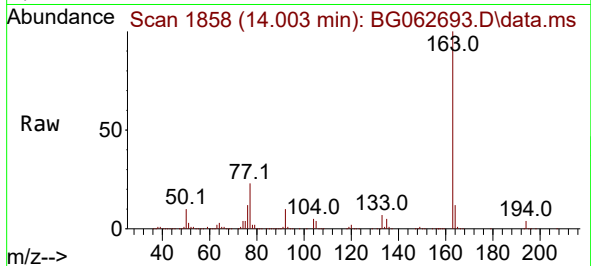




#47
Dimethylphthalate
Concen: 138.788 ng/ul
RT: 14.003 min Scan# 1858
Delta R.T. 0.017 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

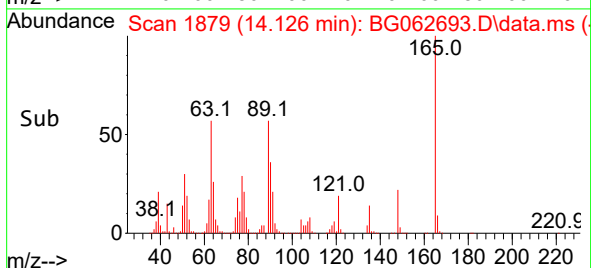
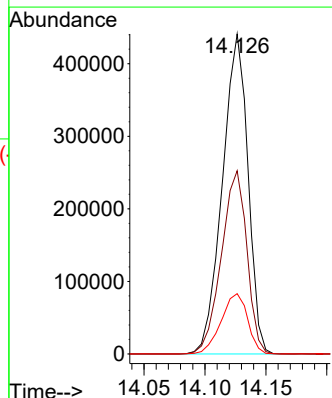
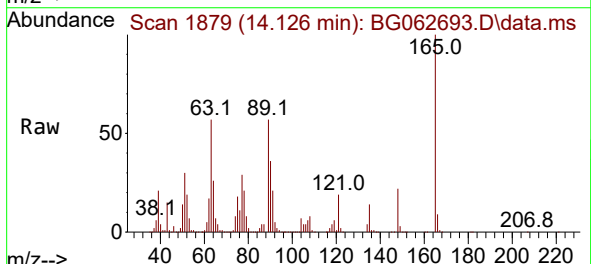
Instrument :
BNA_G
ClientSampleId :
SSTD160443

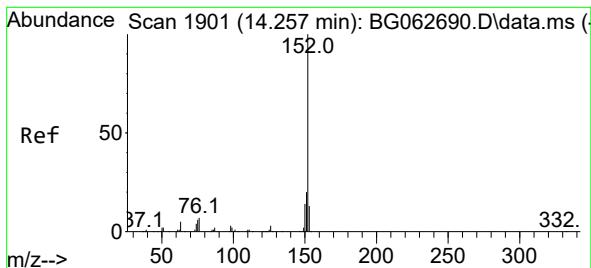
Tgt Ion:163 Resp: 2895230
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 11.5 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 175.005 ng/ul
RT: 14.126 min Scan# 1879
Delta R.T. 0.023 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:165 Resp: 643176
Ion Ratio Lower Upper
165 100
89 57.3 47.4 71.0
121 18.9 17.0 25.6





#50

Acenaphthylene

Concen: 136.374 ng/ul

RT: 14.267 min Scan# 1903

Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

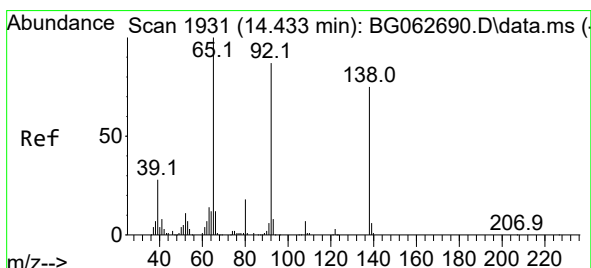
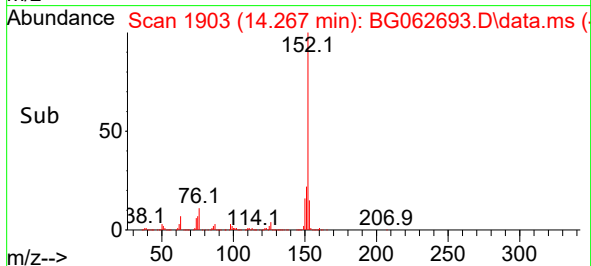
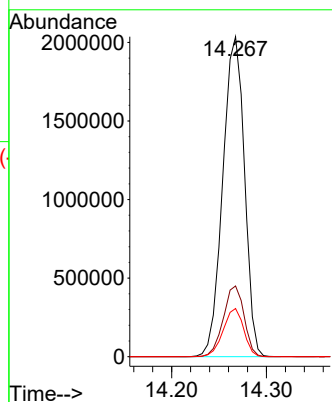
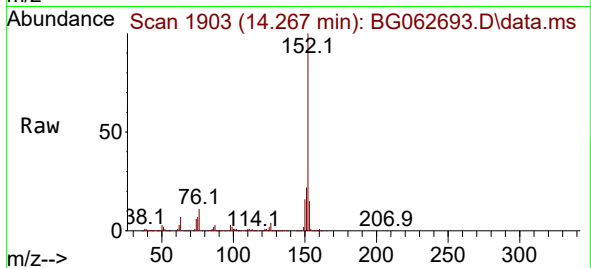
Tgt Ion:152 Resp: 3239045

Ion Ratio Lower Upper

152 100

151 22.1 15.9 23.9

153 15.0 10.2 15.2



#51

3-Nitroaniline

Concen: 148.459 ng/ul

RT: 14.455 min Scan# 1935

Delta R.T. 0.023 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

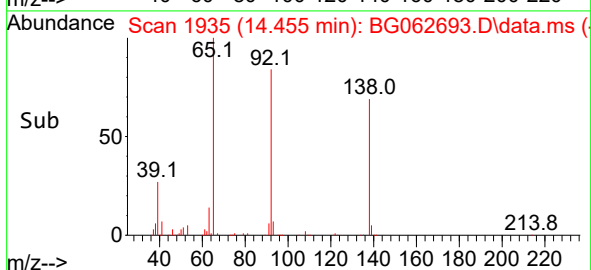
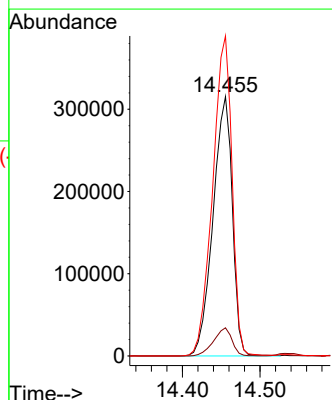
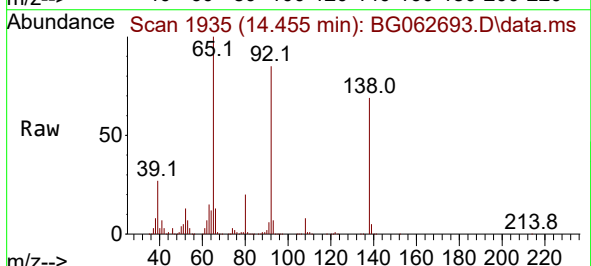
Tgt Ion:138 Resp: 546259

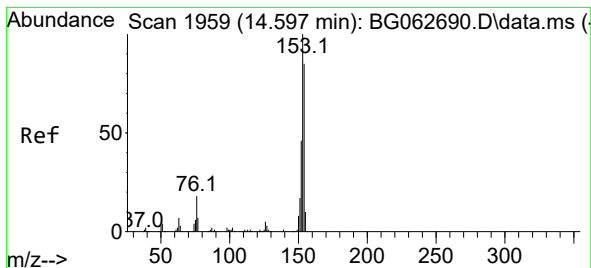
Ion Ratio Lower Upper

138 100

108 10.9 7.7 11.5

92 123.4 92.6 138.8





#52

Acenaphthene

Concen: 142.365 ng/ul

RT: 14.608 min Scan# 1961

Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

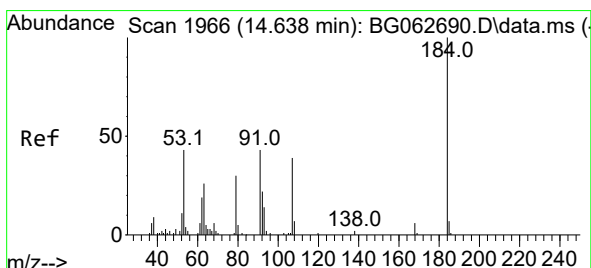
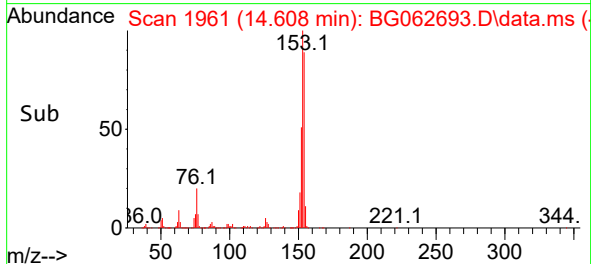
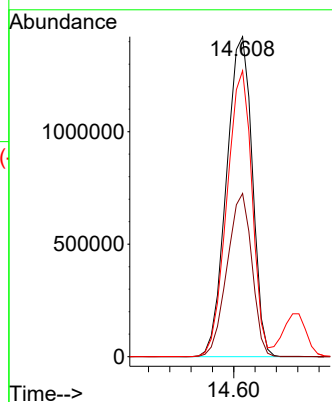
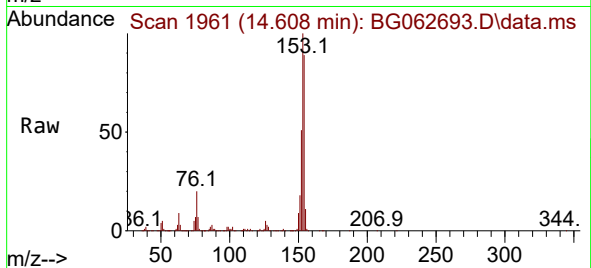
Tgt Ion:153 Resp: 2395115

Ion Ratio Lower Upper

153 100

152 51.0 37.2 55.8

154 89.3 67.8 101.6



#53

2,4-Dinitrophenol

Concen: 197.636 ng/ul

RT: 14.655 min Scan# 1969

Delta R.T. 0.017 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

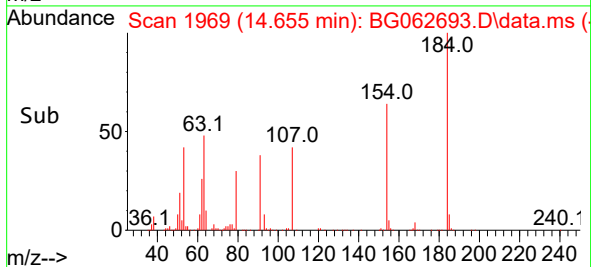
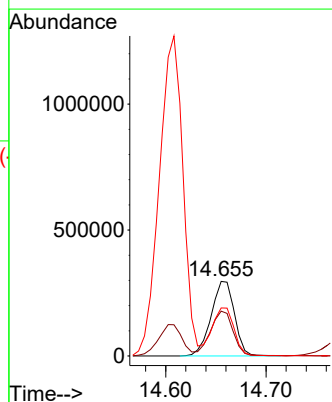
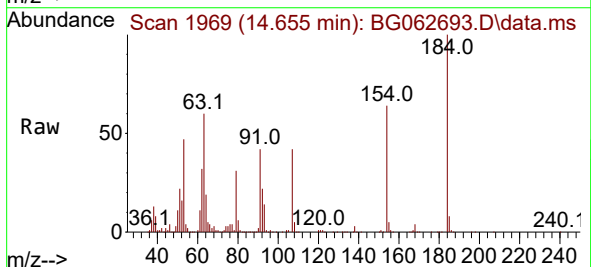
Tgt Ion:184 Resp: 479627

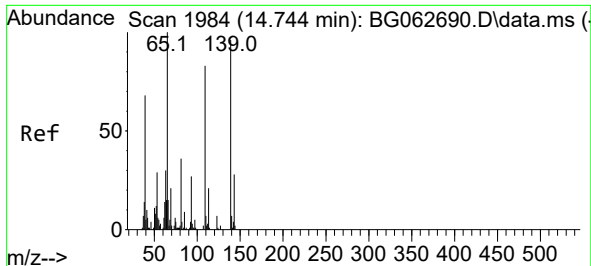
Ion Ratio Lower Upper

184 100

63 60.1 49.0 73.4

154 64.4 50.4 75.6

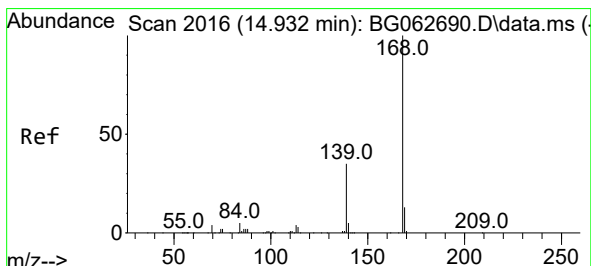
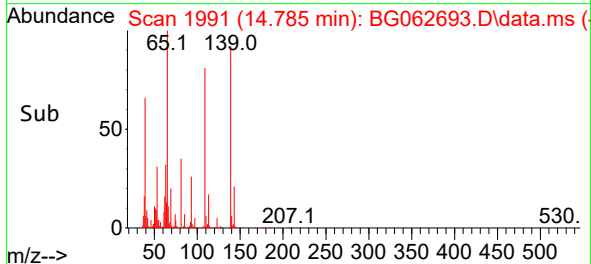
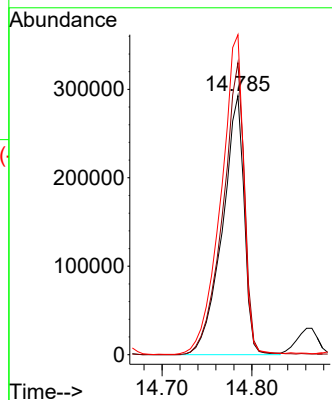
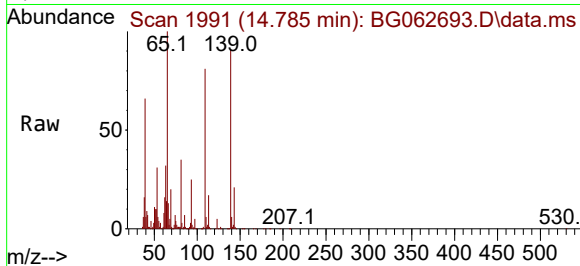




#55
4-Nitrophenol
Concen: 159.533 ng/ul
RT: 14.785 min Scan# 1984
Delta R.T. 0.040 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

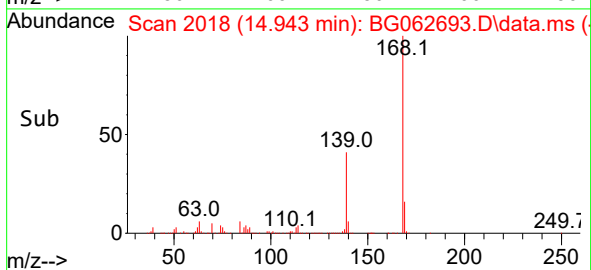
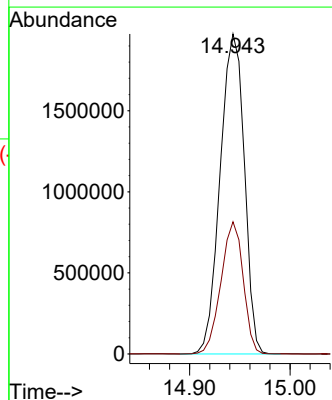
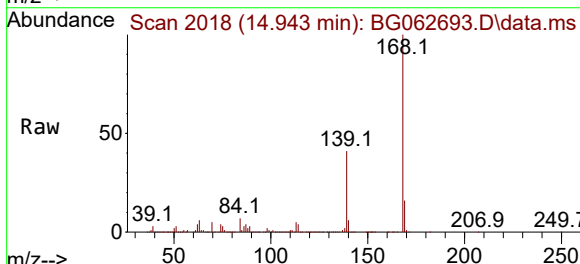
Instrument :
BNA_G
ClientSampleId :
SSTD160443

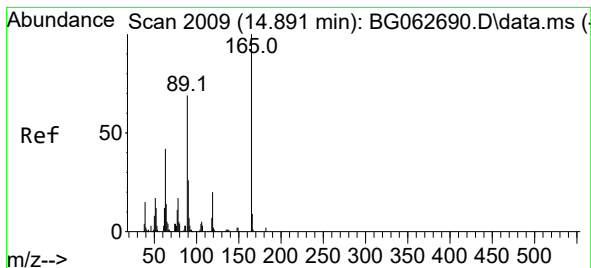
Tgt Ion:109 Resp: 493455
Ion Ratio Lower Upper
109 100
139 112.7 92.5 138.7
65 123.5 97.8 146.8



#56
Dibenzofuran
Concen: 131.848 ng/ul
RT: 14.943 min Scan# 2018
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:168 Resp: 3295208
Ion Ratio Lower Upper
168 100
139 41.3 27.6 41.4

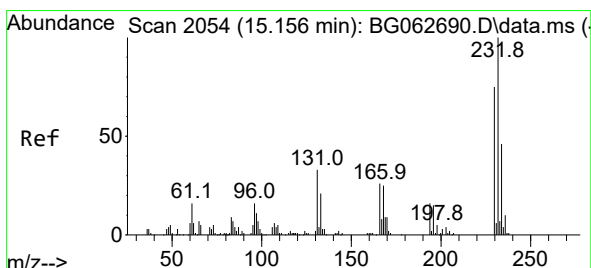
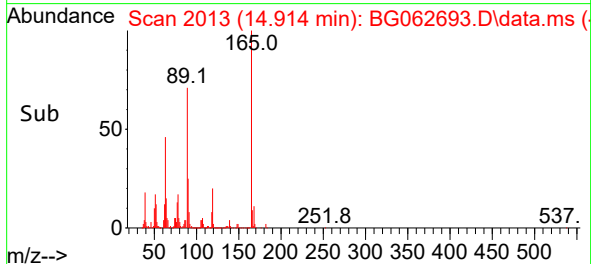
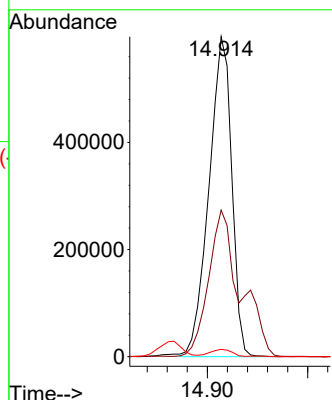
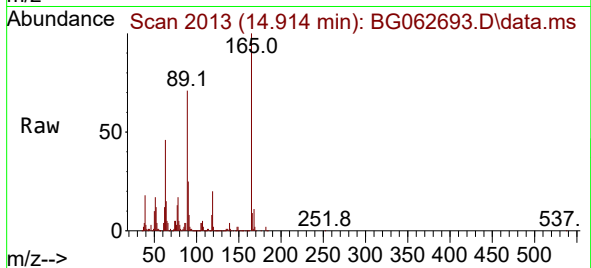




#57
2,4-Dinitrotoluene
Concen: 163.456 ng/ul
RT: 14.914 min Scan# 2013
Delta R.T. 0.023 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

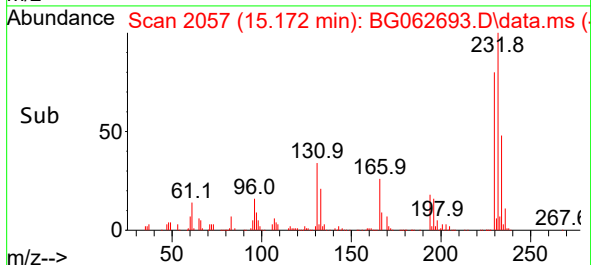
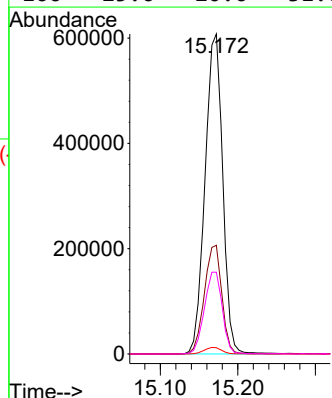
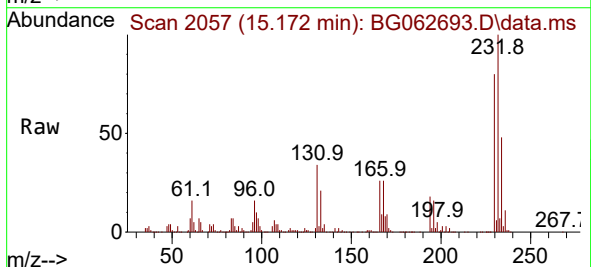
Instrument :
BNA_G
ClientSampleId :
SSTD160443

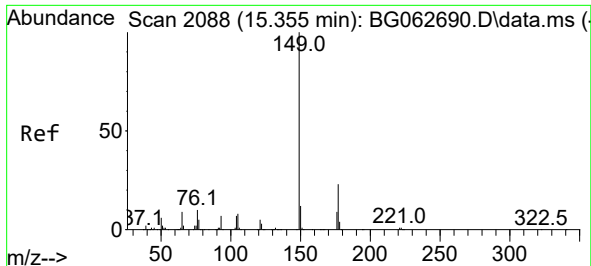
Tgt Ion:165 Resp: 939231
Ion Ratio Lower Upper
165 100
63 45.8 33.8 50.8
182 2.3 2.4 3.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 161.231 ng/ul
RT: 15.172 min Scan# 2057
Delta R.T. 0.017 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:232 Resp: 960918
Ion Ratio Lower Upper
232 100
131 33.9 26.6 40.0
130 2.0 1.6 2.4
166 25.6 20.6 31.0

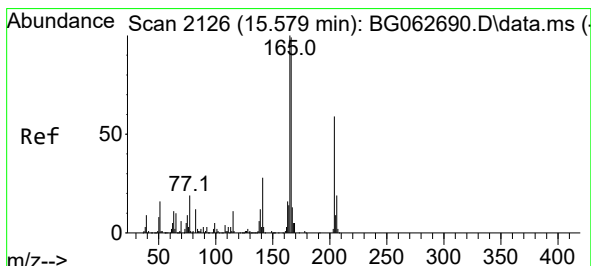
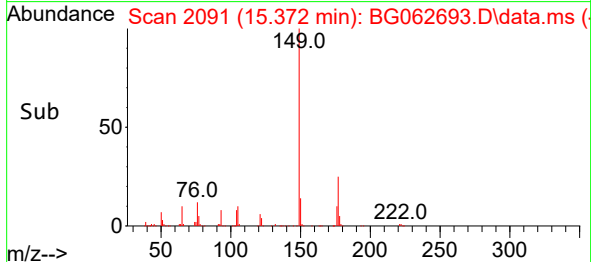
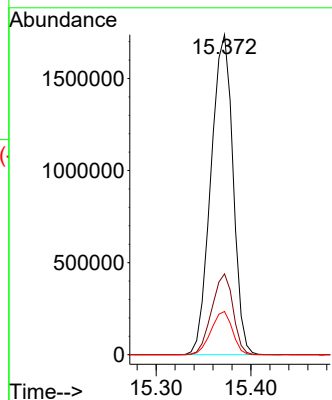
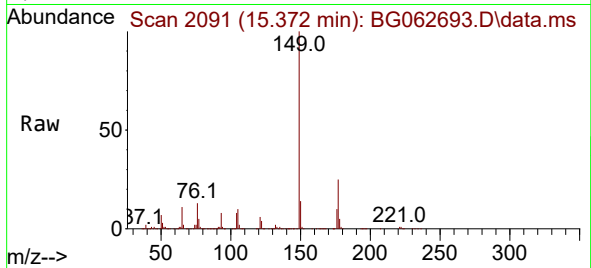




#59
Diethylphthalate
Concen: 136.441 ng/ul
RT: 15.372 min Scan# 2088
Delta R.T. 0.017 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

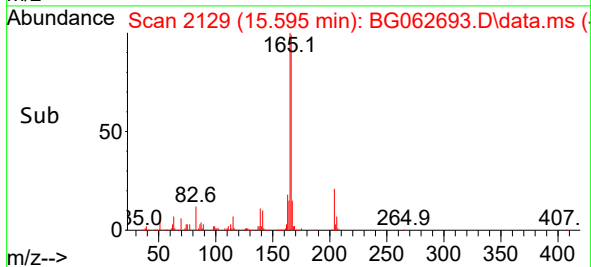
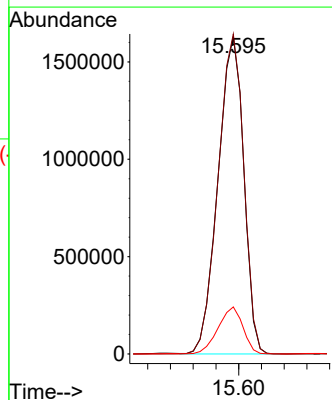
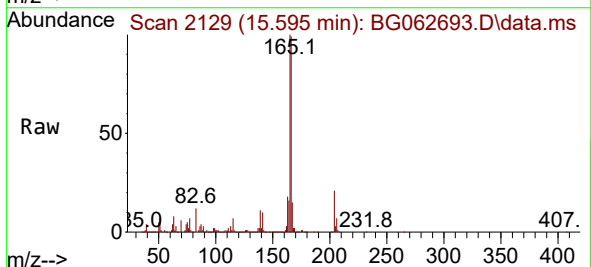
Instrument :
BNA_G
ClientSampleId :
SSTD160443

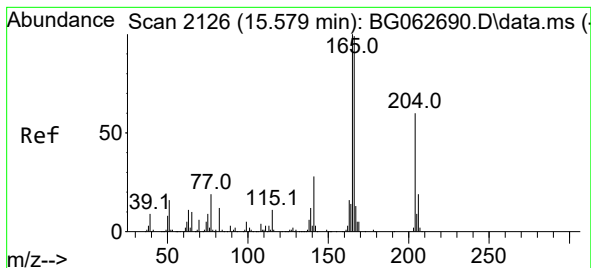
Tgt Ion:149 Resp: 2807858
Ion Ratio Lower Upper
149 100
177 25.2 18.4 27.6
150 13.5 9.7 14.5



#61
Fluorene
Concen: 130.455 ng/ul
RT: 15.595 min Scan# 2129
Delta R.T. 0.017 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:166 Resp: 2561264
Ion Ratio Lower Upper
166 100
165 100.9 80.9 121.3
167 14.8 10.9 16.3

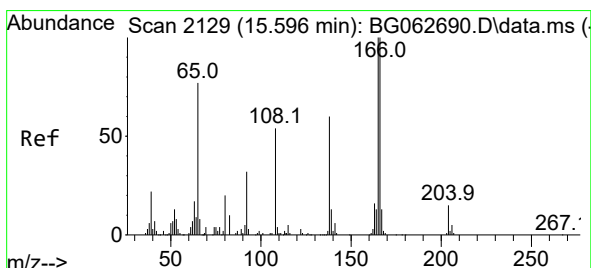
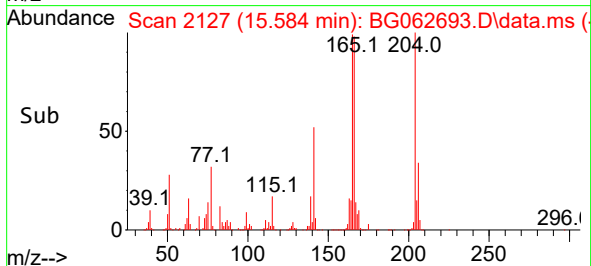
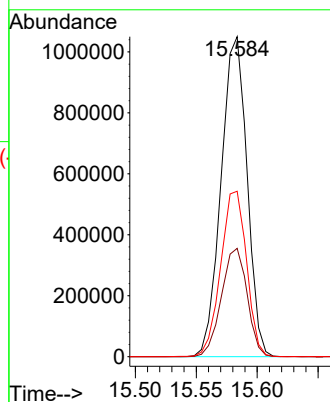
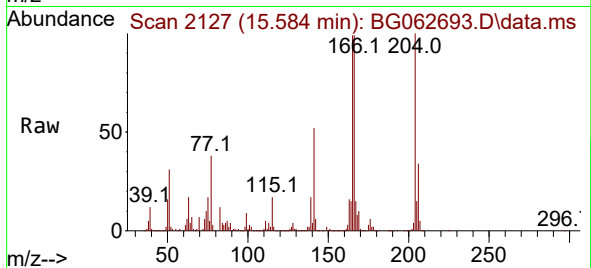




#62
4-Chlorophenyl-phenylether
Concen: 135.130 ng/ul
RT: 15.584 min Scan# 2127
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

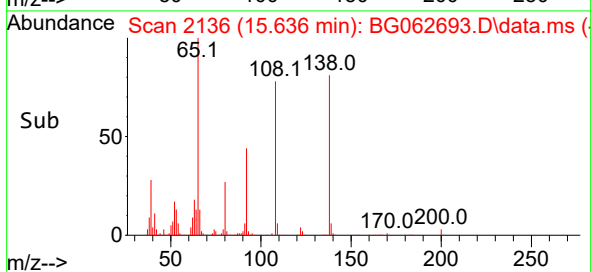
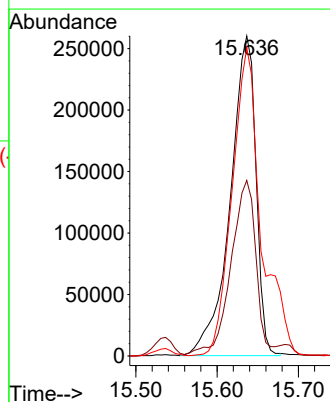
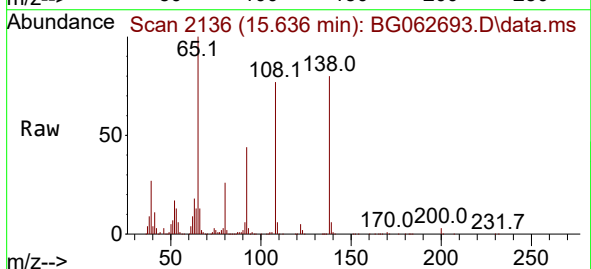
Instrument :
BNA_G
ClientSampleId :
SSTD160443

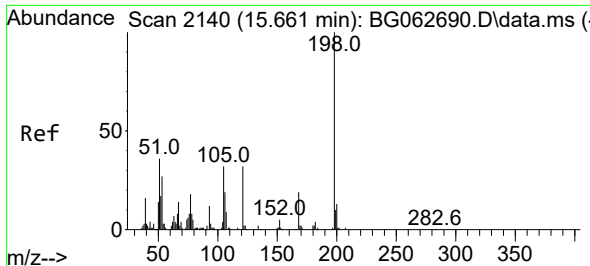
Tgt Ion:204 Resp: 1556227
Ion Ratio Lower Upper
204 100
206 33.8 25.3 37.9
141 51.7 37.4 56.0



#63
4-Nitroaniline
Concen: 144.038 ng/ul
RT: 15.636 min Scan# 2136
Delta R.T. 0.040 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:138 Resp: 570325
Ion Ratio Lower Upper
138 100
92 54.8 42.8 64.2
108 96.3 71.0 106.4

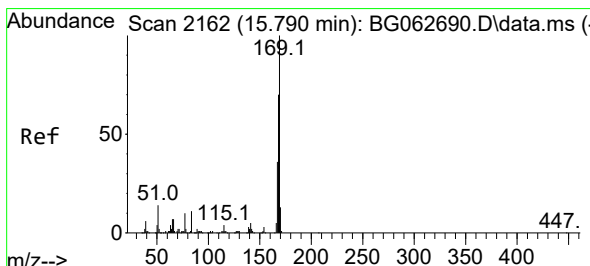
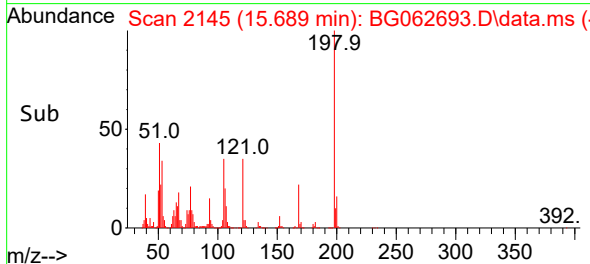
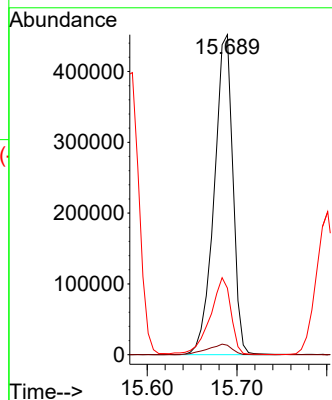
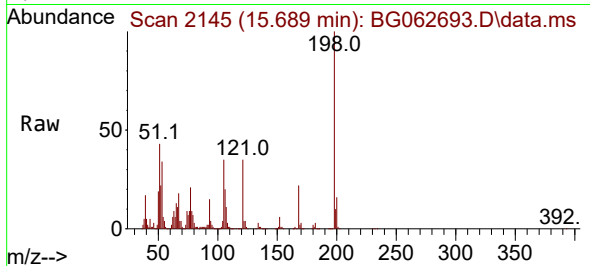




#66
 4,6-Dinitro-2-methylphenol
 Concen: 169.621 ng/ul
 RT: 15.689 min Scan# 2145
 Delta R.T. 0.029 min
 Lab File: BG062693.D
 Acq: 9 Sep 2024 17:46

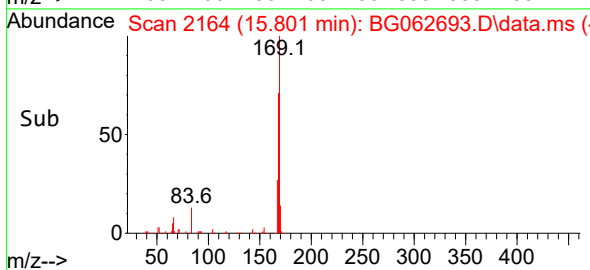
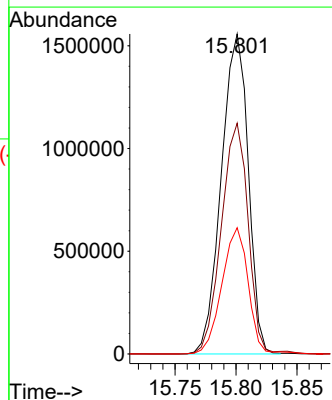
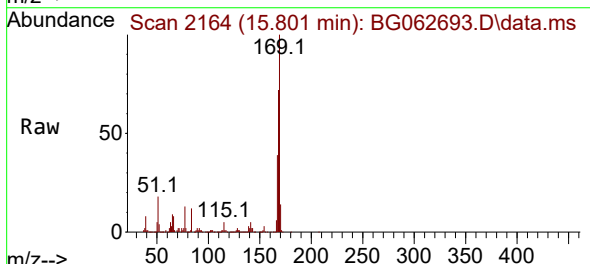
Instrument :
 BNA_G
 ClientSampleId :
 SSTD160443

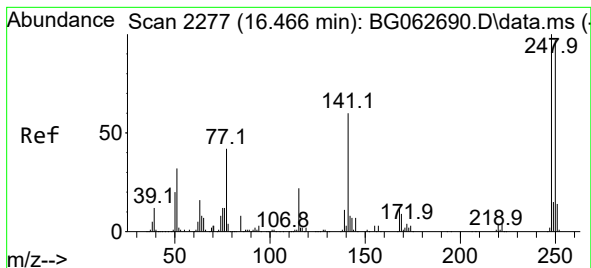
Tgt Ion:198 Resp: 652358
 Ion Ratio Lower Upper
 198 100
 182 3.0 3.3 4.9#
 77 20.8 15.0 22.6



#67
 N-Nitrosodiphenylamine
 Concen: 144.678 ng/ul
 RT: 15.801 min Scan# 2164
 Delta R.T. 0.011 min
 Lab File: BG062693.D
 Acq: 9 Sep 2024 17:46

Tgt Ion:169 Resp: 2393310
 Ion Ratio Lower Upper
 169 100
 168 72.1 55.7 83.5
 167 39.5 28.9 43.3

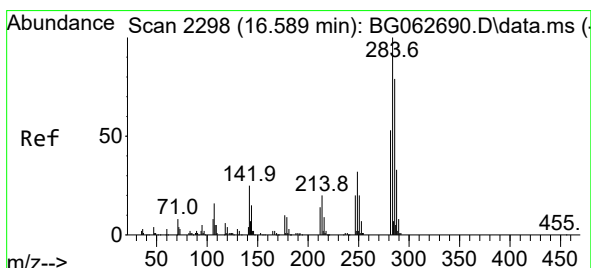
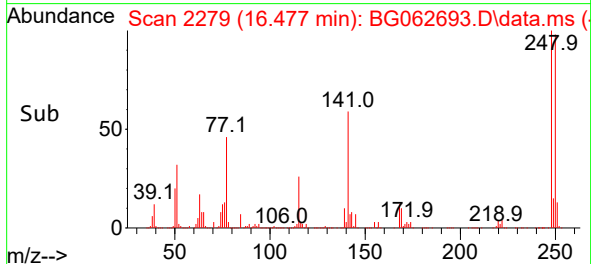
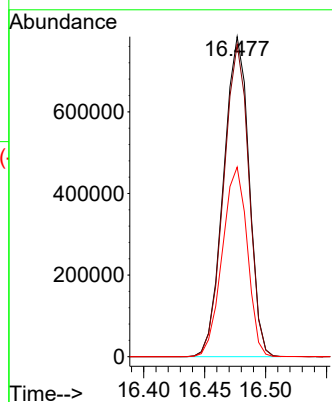
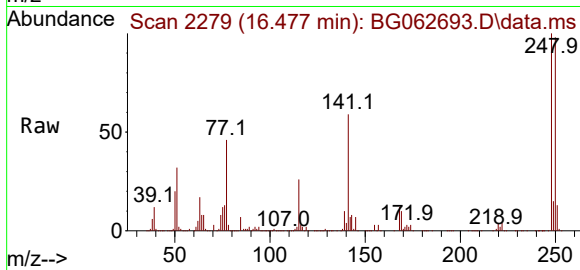




#68
4-Bromophenyl-phenylether
Concen: 153.643 ng/ul
RT: 16.477 min Scan# 211
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

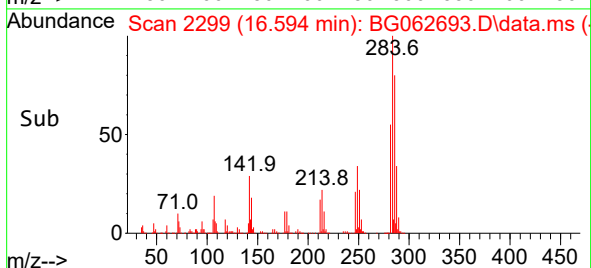
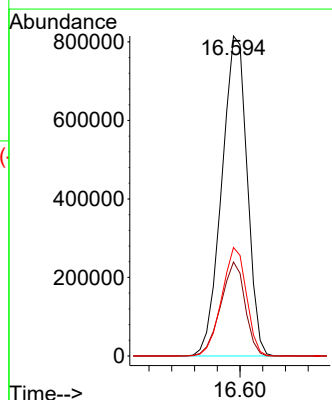
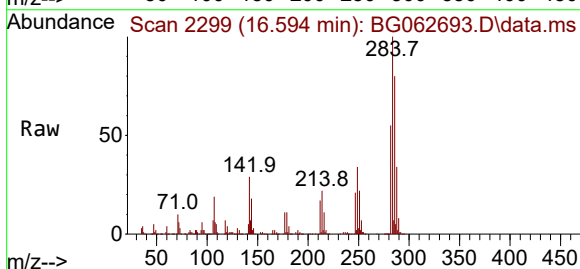
Instrument :
BNA_G
ClientSampleId :
SSTD160443

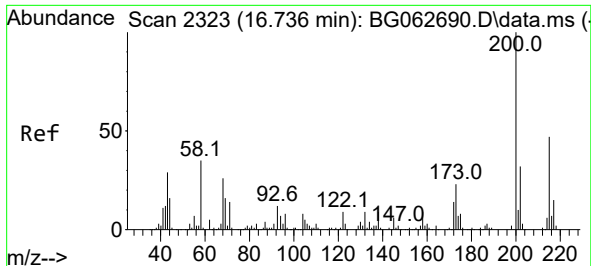
Tgt Ion:248 Resp: 1140388
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 59.3 47.9 71.9



#69
Hexachlorobenzene
Concen: 149.166 ng/ul
RT: 16.594 min Scan# 2299
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:284 Resp: 1264119
Ion Ratio Lower Upper
284 100
142 27.5 18.6 27.8
249 31.7 23.7 35.5

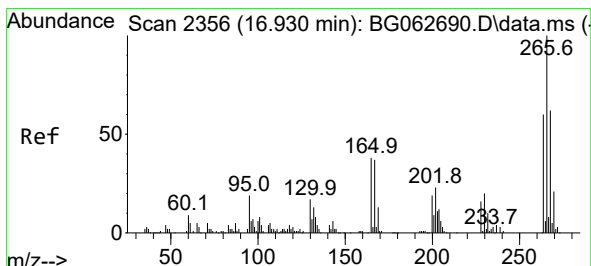
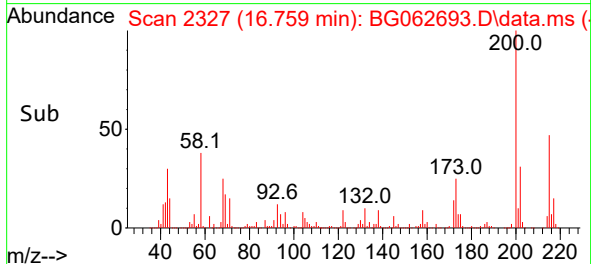
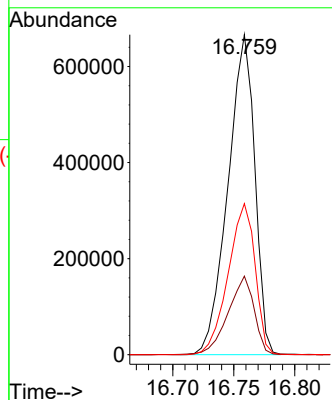
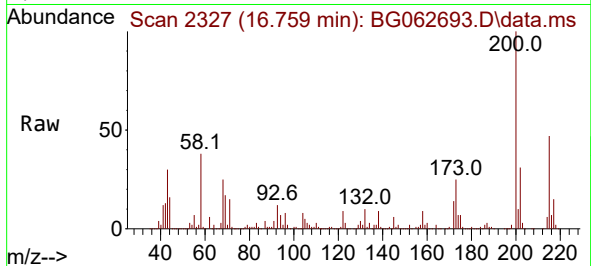




#70
Atrazine
Concen: 138.256 ng/ul
RT: 16.759 min Scan# 21
Delta R.T. 0.023 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

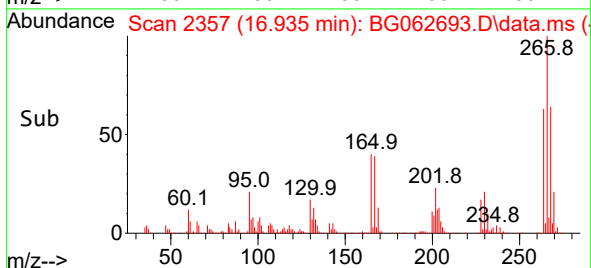
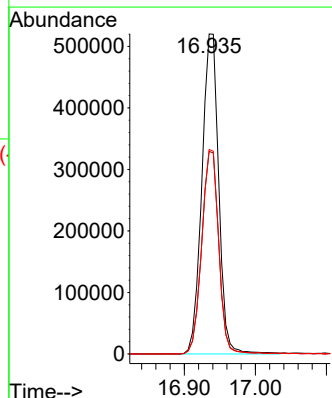
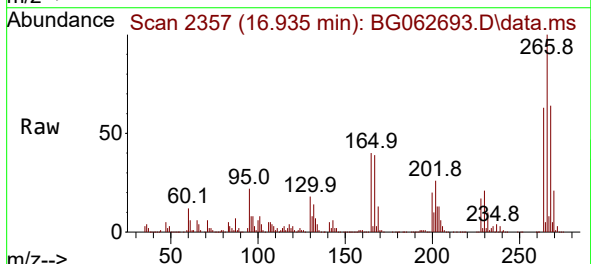
Instrument :
BNA_G
ClientSampleId :
SSTD160443

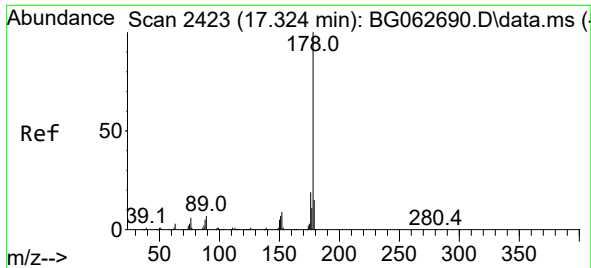
Tgt Ion:200 Resp: 1018621
Ion Ratio Lower Upper
200 100
173 24.5 18.6 27.8
215 47.2 37.6 56.4



#71
Pentachlorophenol
Concen: 169.508 ng/ul
RT: 16.935 min Scan# 2357
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:266 Resp: 859220
Ion Ratio Lower Upper
266 100
264 63.3 48.6 72.8
268 63.9 49.5 74.3

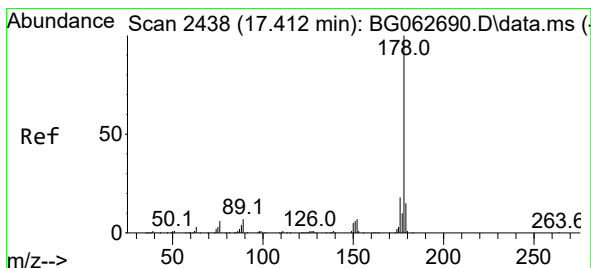
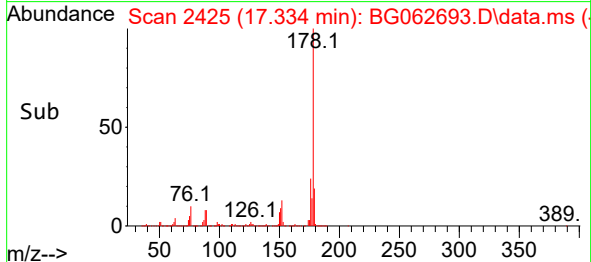
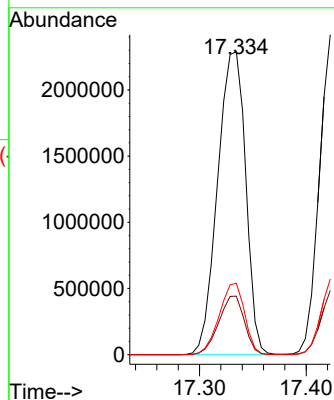
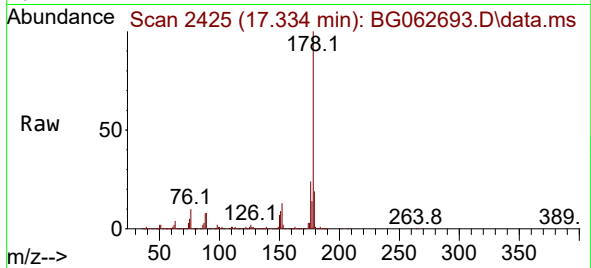




#72
Phenanthrene
Concen: 124.680 ng/ul
RT: 17.334 min Scan# 2423
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

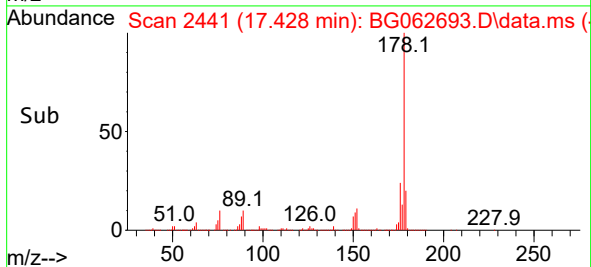
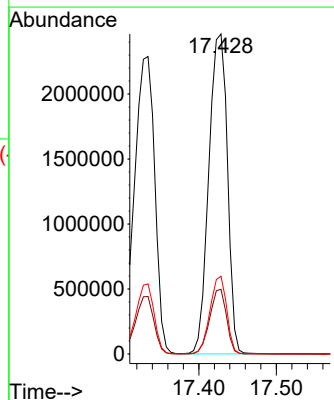
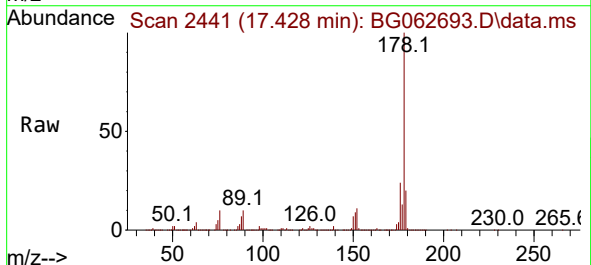
Instrument :
BNA_G
ClientSampleId :
SSTD160443

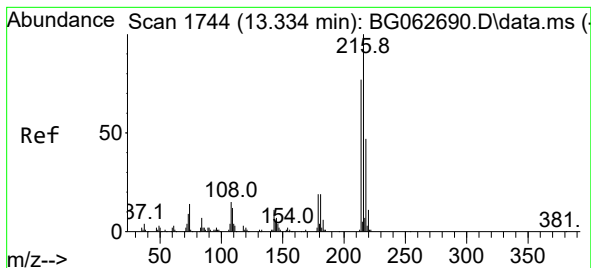
Tgt Ion:178 Resp: 4182144
Ion Ratio Lower Upper
178 100
179 19.3 12.1 18.1#
176 23.5 14.9 22.3#



#74
Anthracene
Concen: 119.845 ng/ul
RT: 17.428 min Scan# 2441
Delta R.T. 0.017 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:178 Resp: 4098173
Ion Ratio Lower Upper
178 100
179 20.2 12.4 18.6#
176 24.3 14.4 21.6#





#75

1,2,3,4-Tetrachlorobenzene

Concen: 165.192 ng/ul

RT: 13.339 min Scan# 11

Delta R.T. 0.005 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

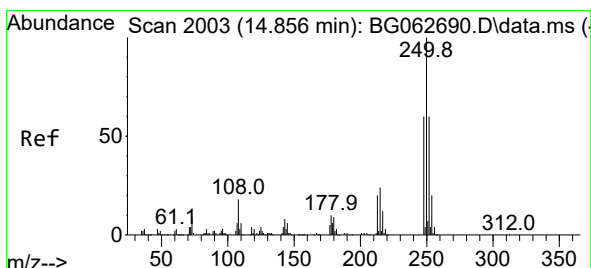
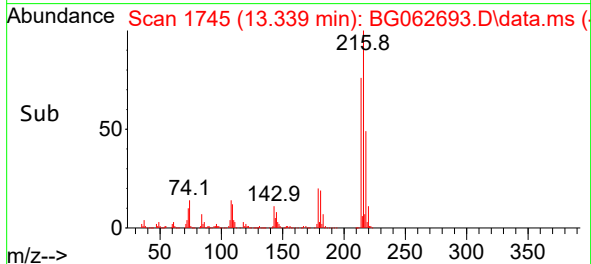
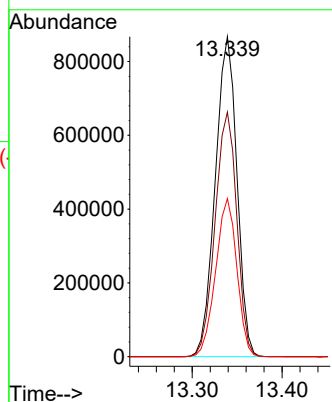
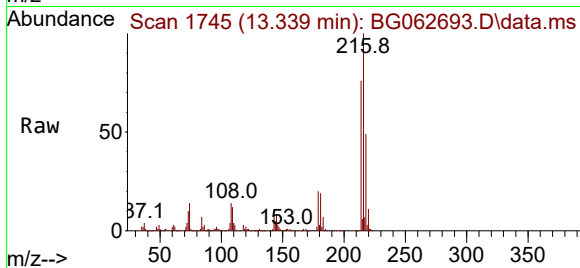
Tgt Ion:216 Resp: 1455101

Ion Ratio Lower Upper

216 100

214 76.5 61.5 92.3

218 49.4 38.0 57.0



#76

Pentachlorobenzene

Concen: 155.052 ng/ul

RT: 14.867 min Scan# 2005

Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

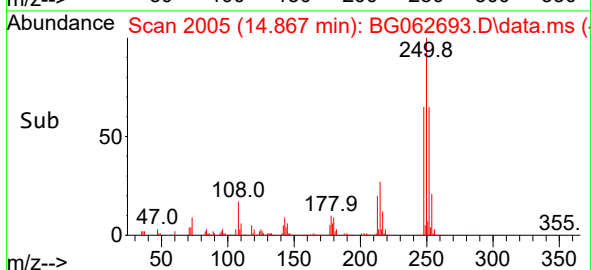
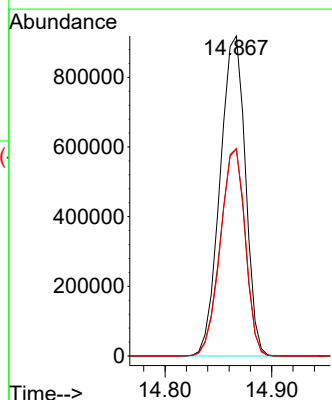
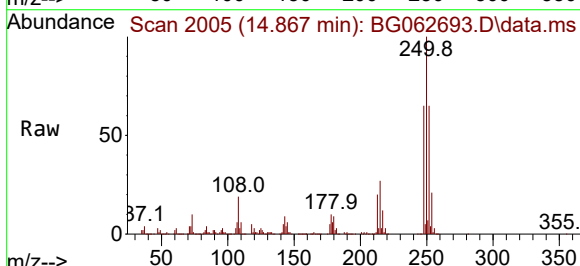
Tgt Ion:250 Resp: 1513475

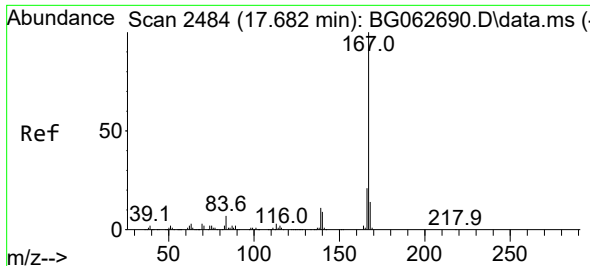
Ion Ratio Lower Upper

250 100

248 64.8 51.5 77.3

252 64.7 50.8 76.2

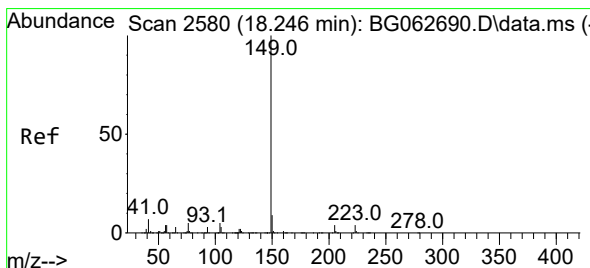
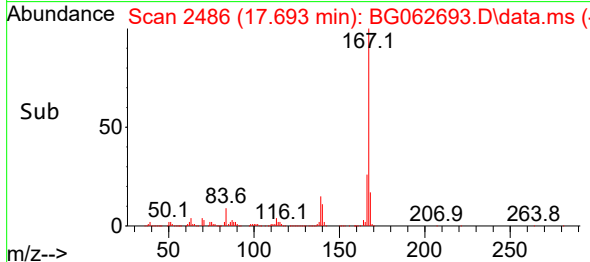
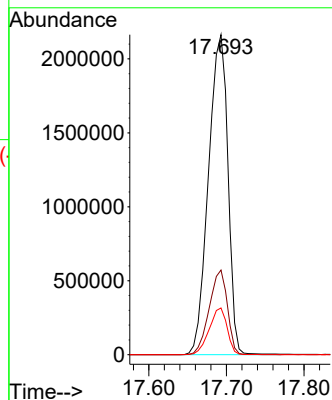
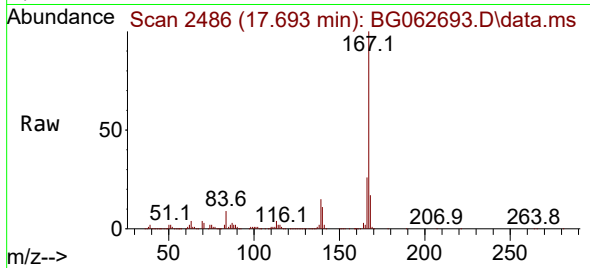




#77
Carbazole
Concen: 132.960 ng/ul
RT: 17.693 min Scan# 2486
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

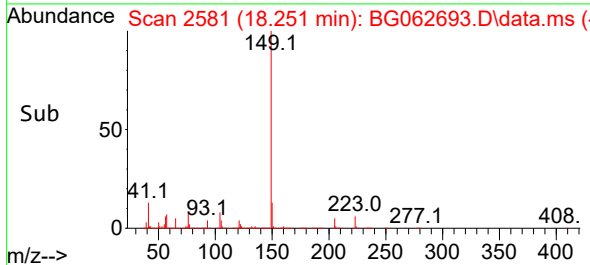
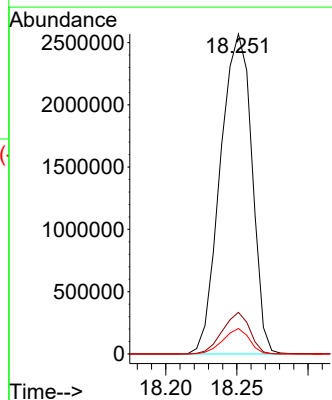
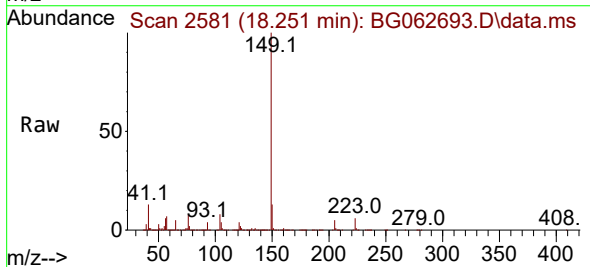
Instrument :
BNA_G
ClientSampleId :
SSTD160443

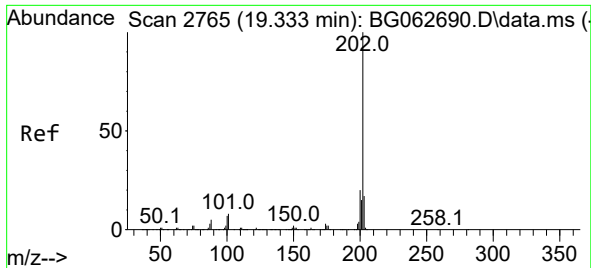
Tgt Ion:167 Resp: 3770380
Ion Ratio Lower Upper
167 100
166 26.5 17.2 25.8#
139 14.6 9.0 13.6#



#78
Di-n-butylphthalate
Concen: 118.597 ng/ul
RT: 18.251 min Scan# 2581
Delta R.T. 0.005 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:149 Resp: 3977330
Ion Ratio Lower Upper
149 100
150 13.0 7.0 10.6#
104 8.0 4.1 6.1#

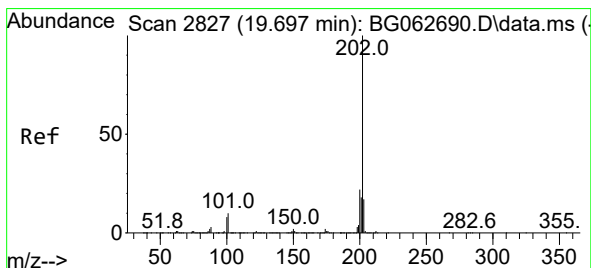
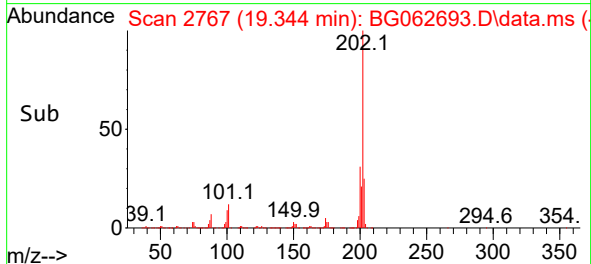
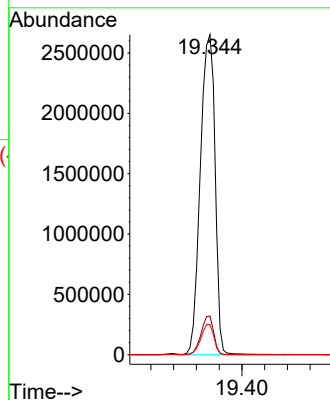
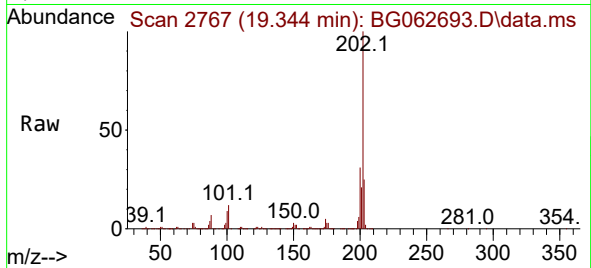




#80
Fluoranthene
Concen: 121.616 ng/ul
RT: 19.344 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

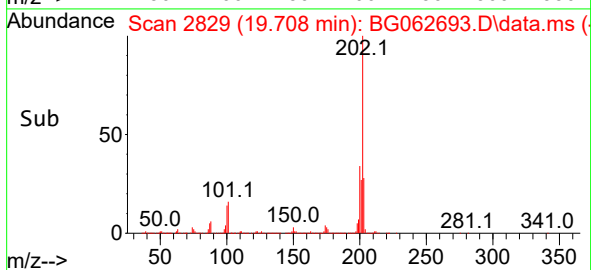
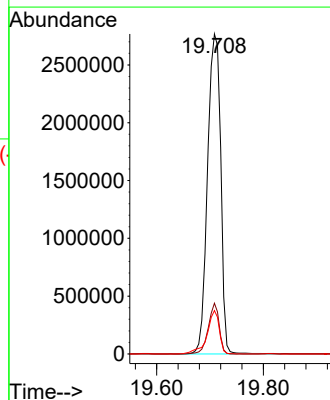
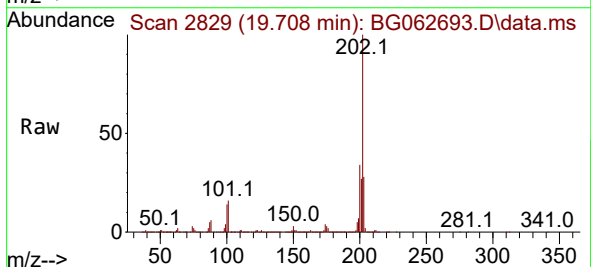
Instrument :
BNA_G
ClientSampleId :
SSTD160443

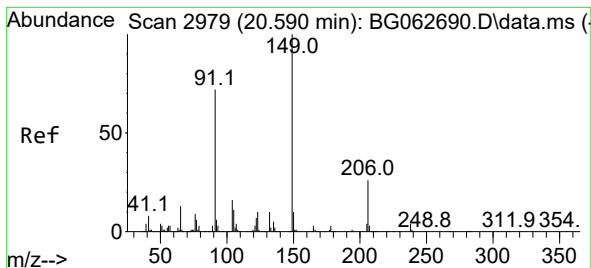
Tgt Ion:202 Resp: 4762756
Ion Ratio Lower Upper
202 100
101 12.1 6.6 10.0#
100 9.5 5.3 7.9#



#82
Pyrene
Concen: 112.461 ng/ul
RT: 19.708 min Scan# 2829
Delta R.T. 0.011 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:202 Resp: 4740922
Ion Ratio Lower Upper
202 100
101 15.9 7.7 11.5#
100 13.5 6.5 9.7#





#83

Butylbenzylphthalate

Concen: 162.262 ng/ul

RT: 20.595 min Scan# 2979

Delta R.T. 0.005 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

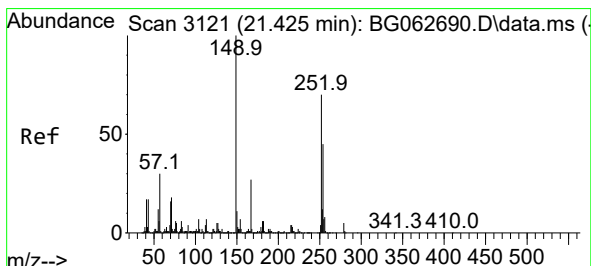
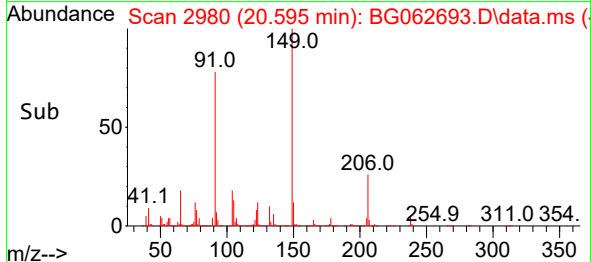
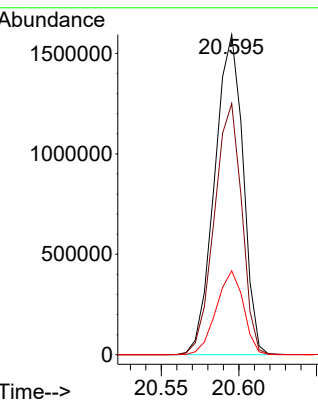
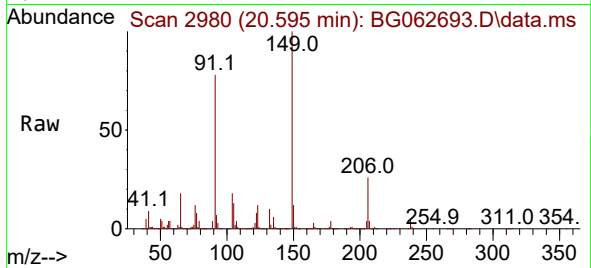
Tgt Ion:149 Resp: 2030600

Ion Ratio Lower Upper

149 100

91 78.4 57.3 85.9

206 26.2 20.4 30.6



#84

3,3'-Dichlorobenzidine

Concen: 126.173 ng/ul

RT: 21.436 min Scan# 3123

Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

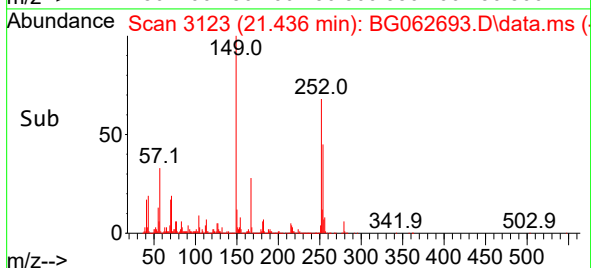
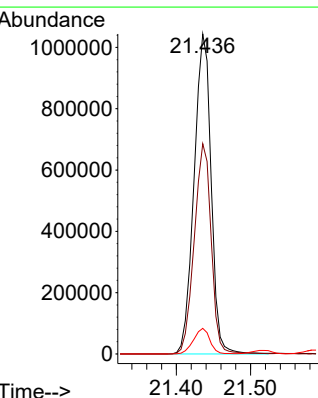
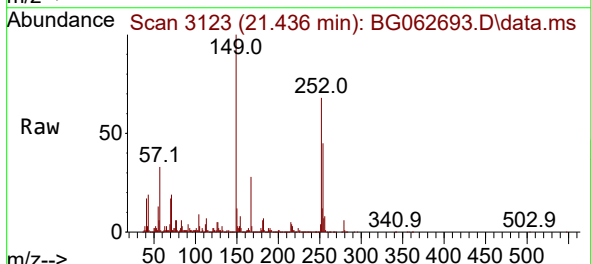
Tgt Ion:252 Resp: 1669175

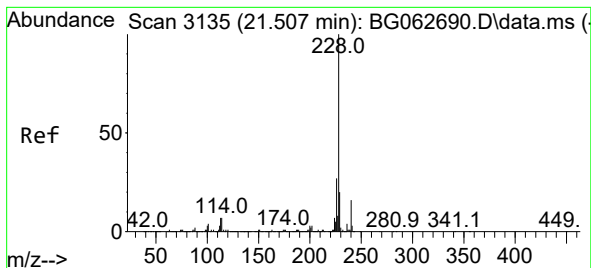
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

126 8.0 6.0 9.0





#85

Benzo(a)anthracene

Concen: 125.884 ng/ul

RT: 21.518 min Scan# 3137

Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

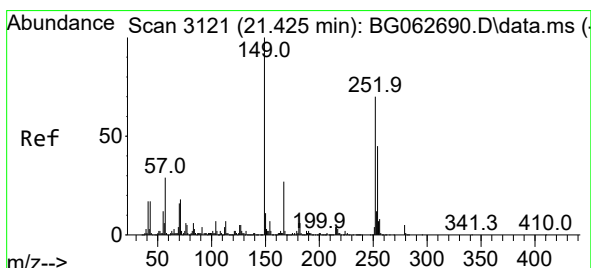
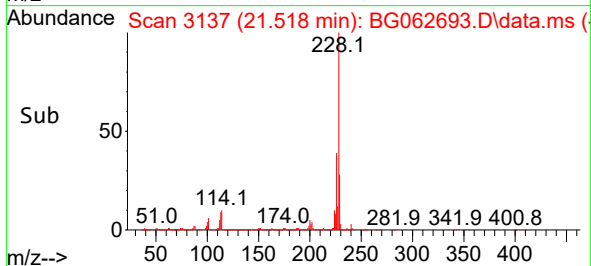
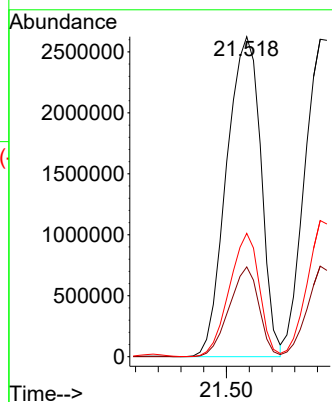
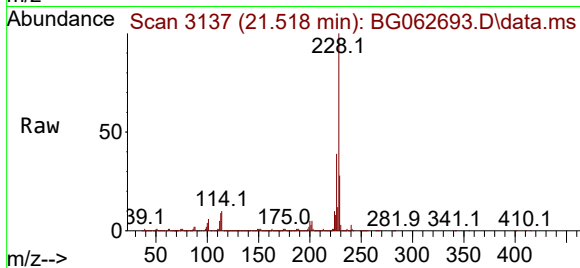
Tgt Ion:228 Resp: 5501525

Ion Ratio Lower Upper

228 100

229 28.0 15.8 23.8#

226 38.6 21.6 32.4#



#86

Bis(2-ethylhexyl)phthalate

Concen: 146.959 ng/ul

RT: 21.430 min Scan# 3122

Delta R.T. 0.005 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

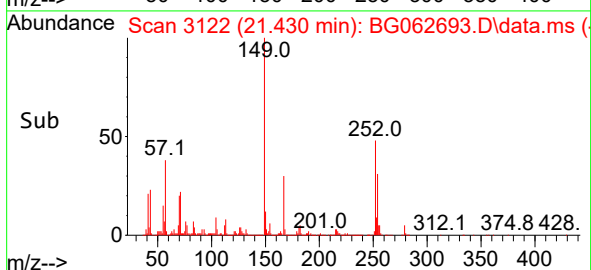
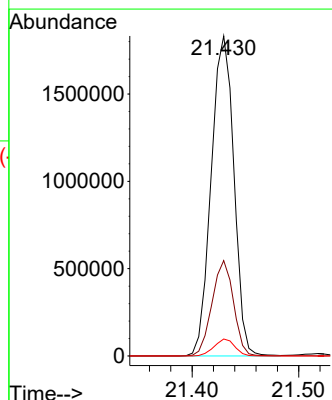
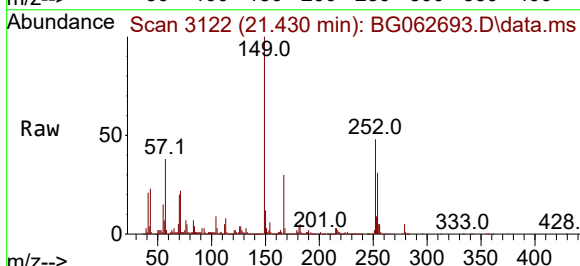
Tgt Ion:149 Resp: 2707992

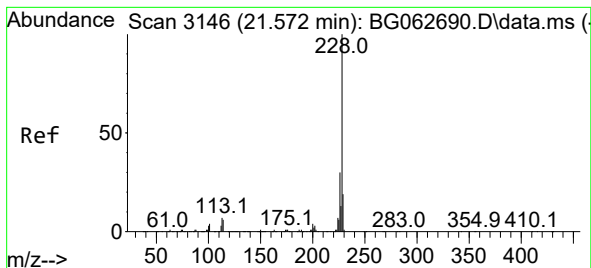
Ion Ratio Lower Upper

149 100

167 29.8 21.3 31.9

279 5.3 3.8 5.6





#87

Chrysene

Concen: 122.743 ng/ul

RT: 21.582 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

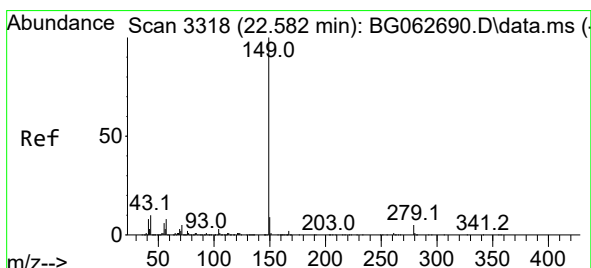
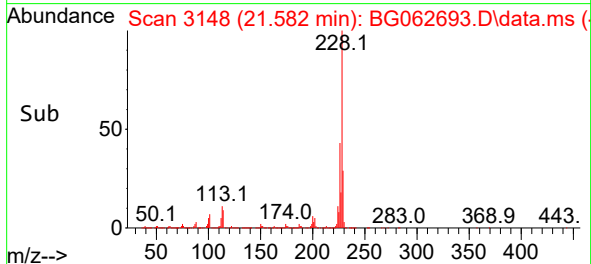
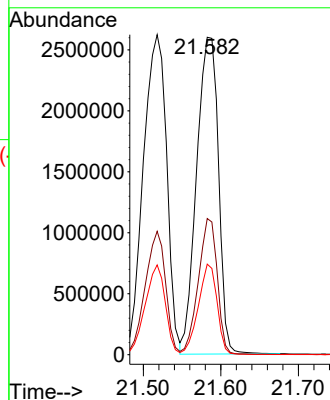
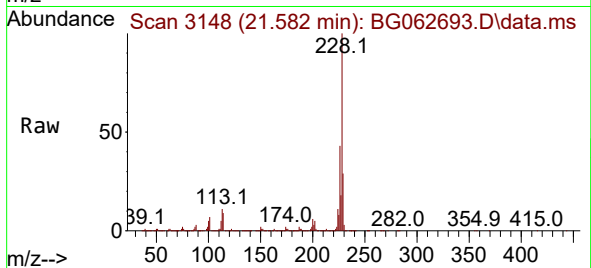
BNA_G

ClientSampleId :

SSTD160443

Tgt Ion:228 Resp: 5089124

Ion	Ratio	Lower	Upper
228	100		
226	42.9	24.2	36.2#
229	28.5	15.4	23.0#



#89

Di-n-octyl phthalate

Concen: 142.996 ng/ul

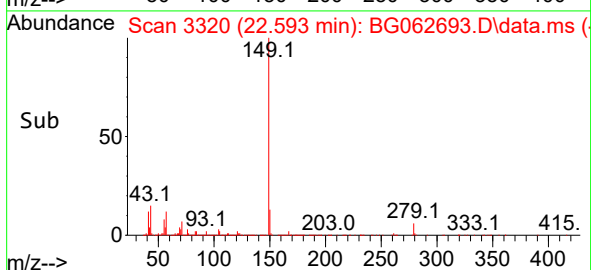
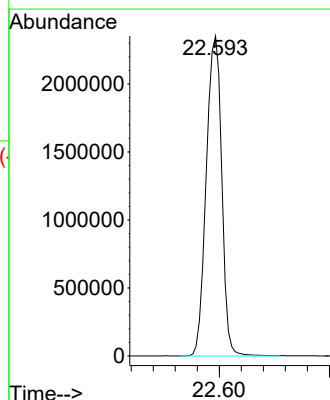
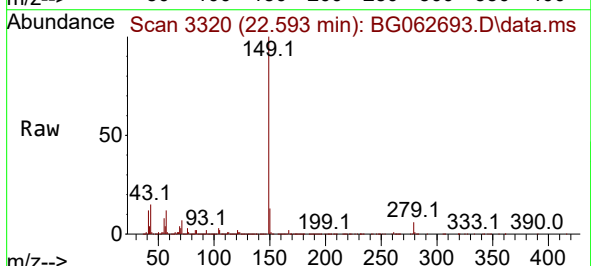
RT: 22.593 min Scan# 3320

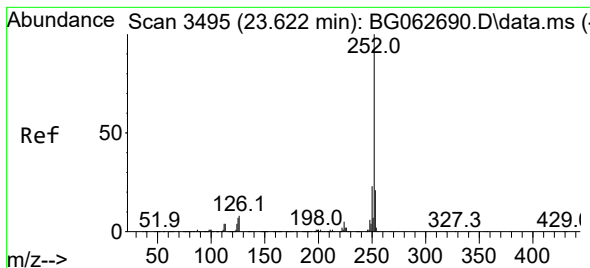
Delta R.T. 0.011 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Tgt Ion:149 Resp: 4578787





#90

Benzo(b)fluoranthene

Concen: 146.991 ng/ul

RT: 23.645 min Scan# 3499

Delta R.T. 0.023 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

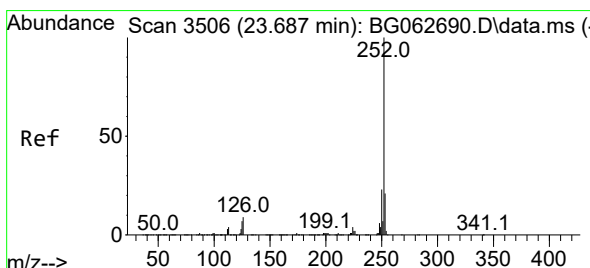
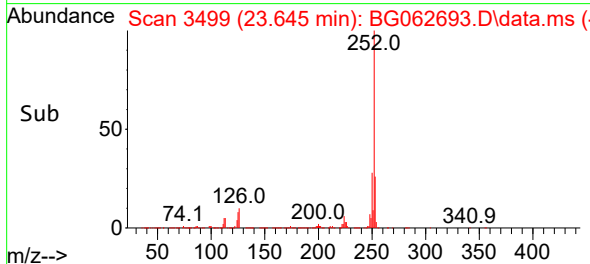
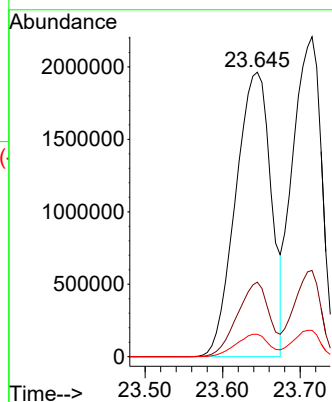
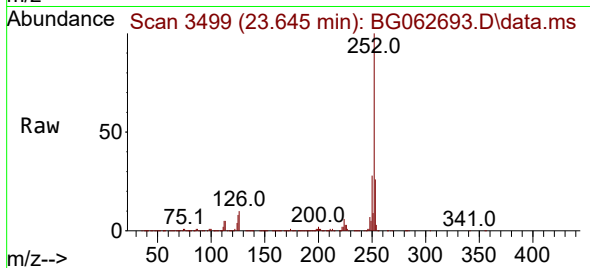
Tgt Ion:252 Resp: 6247350

Ion Ratio Lower Upper

252 100

253 26.2 17.0 25.6#

125 7.9 5.4 8.0



#91

Benzo(k)fluoranthene

Concen: 131.326 ng/ul

RT: 23.715 min Scan# 3511

Delta R.T. 0.029 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

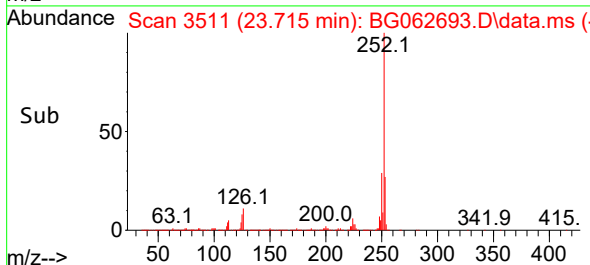
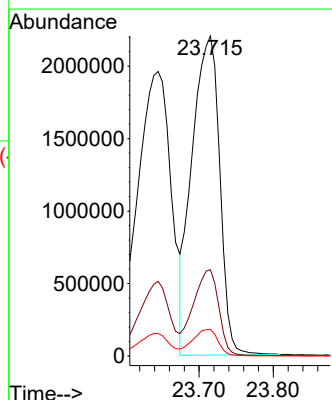
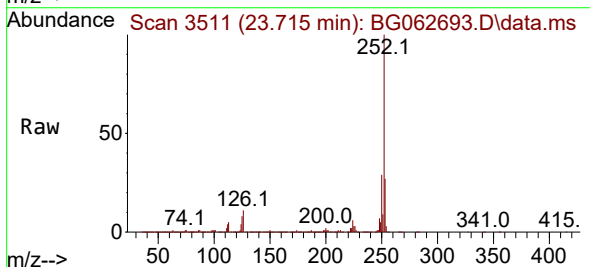
Tgt Ion:252 Resp: 5715183

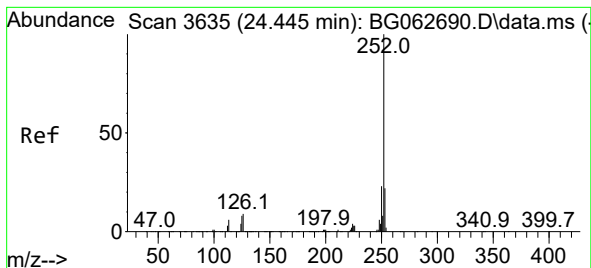
Ion Ratio Lower Upper

252 100

253 27.0 16.9 25.3#

125 8.3 5.7 8.5





#93

Benzo(a)pyrene

Concen: 142.825 ng/ul

RT: 24.485 min Scan# 3

Delta R.T. 0.040 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

Instrument :

BNA_G

ClientSampleId :

SSTD160443

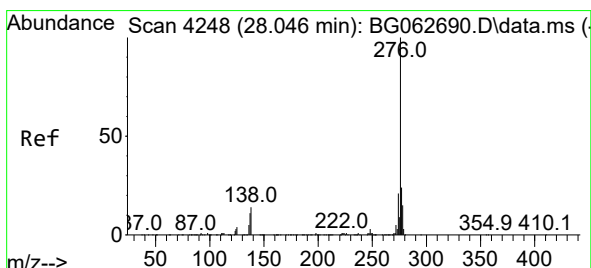
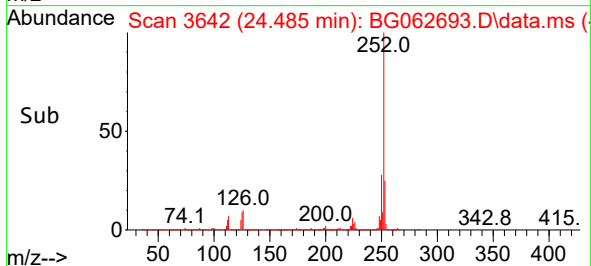
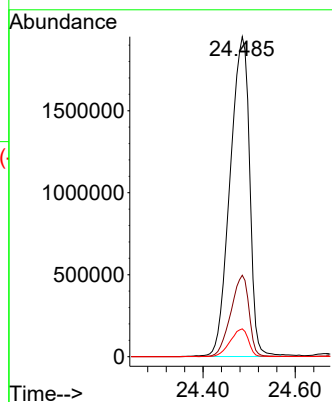
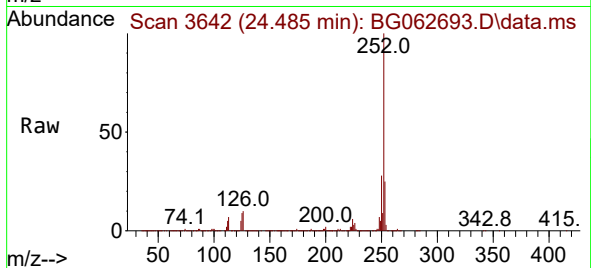
Tgt Ion:252 Resp: 5725479

Ion Ratio Lower Upper

252 100

253 25.5 17.4 26.0

125 8.7 6.1 9.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 159.226 ng/ul

RT: 28.104 min Scan# 4258

Delta R.T. 0.058 min

Lab File: BG062693.D

Acq: 9 Sep 2024 17:46

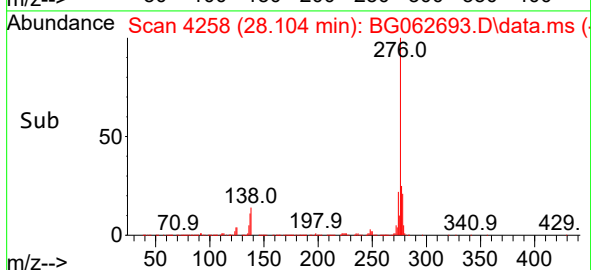
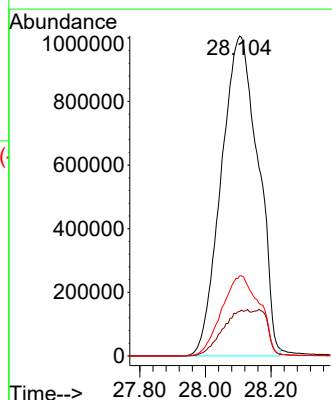
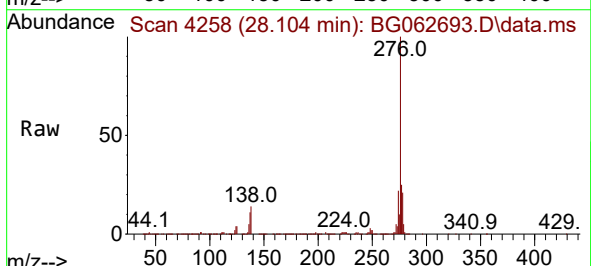
Tgt Ion:276 Resp: 7864403

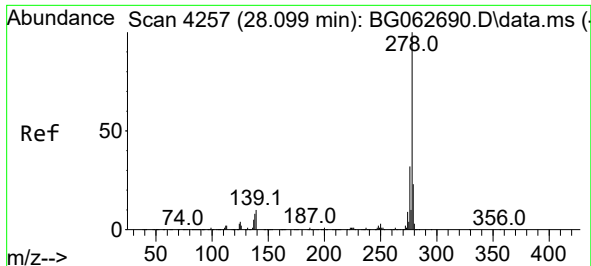
Ion Ratio Lower Upper

276 100

138 14.0 11.4 17.2

277 25.0 18.9 28.3

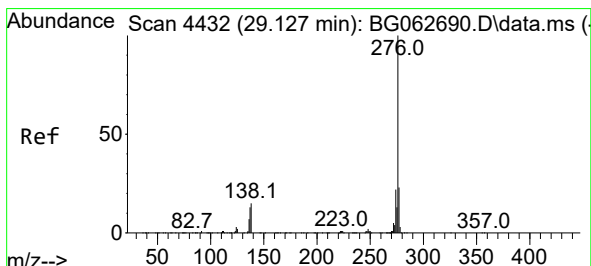
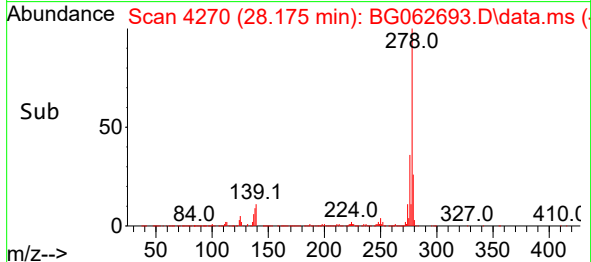
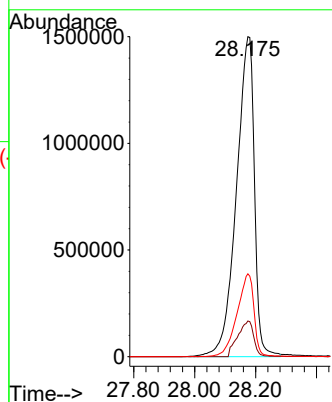
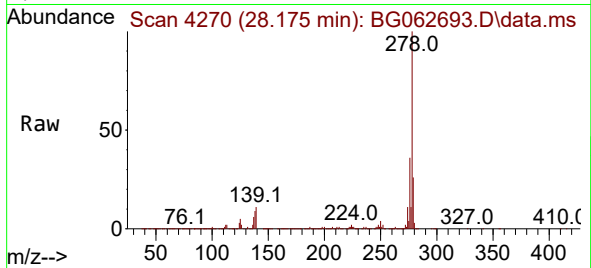




#95
Dibenzo(a,h)anthracene
Concen: 155.104 ng/ul
RT: 28.175 min Scan# 41
Delta R.T. 0.076 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Instrument :
BNA_G
ClientSampleId :
SSTD160443

Tgt Ion:278 Resp: 6153373
Ion Ratio Lower Upper
278 100
139 11.2 7.8 11.8
279 25.9 18.6 28.0



#96
Benzo(g,h,i)perylene
Concen: 159.838 ng/ul
RT: 29.209 min Scan# 4446
Delta R.T. 0.081 min
Lab File: BG062693.D
Acq: 9 Sep 2024 17:46

Tgt Ion:276 Resp: 6097230
Ion Ratio Lower Upper
276 100
138 14.8 11.8 17.6
277 23.9 18.4 27.6

