

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090924\
 Data File : BG062690.D
 Acq On : 9 Sep 2024 15:44
 Operator : JU/RC
 Sample : SST02054
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020440

Quant Time: Sep 10 00:51:38 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	7.905	152	68340	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	312720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	252744	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	650707	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	663481	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	733491	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	11412	7.516	ng/uL	0.00
4) Pyridine-d5	3.769	84	84730	17.607	ng/ul	0.00
7) Phenol-d5	7.071	99	114795	19.156	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.235	67	70319	19.572	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	85468	19.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	96210	19.266	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	44878	20.079	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	48517	19.848	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	105099	19.743	ng/ul	0.00
31) 4-Chloroaniline-d4	10.831	131	141936	19.398	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	376820	19.361	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	425853	19.701	ng/ul	0.00
54) 4-Nitrophenol-d4	14.732	143	60499	18.298	ng/ul	0.00
60) Fluorene-d10	15.526	176	343101	19.563	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	65953	17.620	ng/ul	0.00
73) Anthracene-d10	17.376	188	604687	19.691	ng/ul	0.00
81) Pyrene-d10	19.668	212	746495	19.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.380	264	751993	19.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	11858	6.998	ng/uL	100
5) Pyridine	3.786	79	94586	18.739	ng/ul	100
6) Benzaldehyde	7.047	77	80868	24.768	ng/ul	100
8) Phenol	7.100	94	120095	19.279	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.329	93	93592	19.875	ng/ul	100
12) 2-Chlorophenol	7.470	128	88599	19.851	ng/ul	100
13) 2-Methylphenol	8.346	108	90561	19.387	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	168750	19.909	ng/ul	100
16) Acetophenone	8.722	105	165354	20.373	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.710	70	87844	20.675	ng/ul	100
18) 4-Methylphenol	8.675	108	102008	19.410	ng/ul	100
19) Hexachloroethane	8.986	117	35057	19.512	ng/ul	100
22) Nitrobenzene	9.104	77	120949	20.004	ng/ul	100
23) Isophorone	9.621	82	246368	19.930	ng/ul	100
25) 2-Nitrophenol	9.815	139	53784	19.964	ng/ul	100
26) 2,4-Dimethylphenol	9.873	107	113694	19.750	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.108	93	136928	19.820	ng/ul	100
29) 2,4-Dichlorophenol	10.344	162	103904	19.817	ng/ul	100
30) Naphthalene	10.749	128	328019	19.563	ng/ul	100
32) 4-Chloroaniline	10.855	127	139634	19.188	ng/ul	100
33) Hexachlorobutadiene	11.037	225	85083	19.480	ng/ul	100
34) Caprolactam	11.601	113	36792	19.196	ng/ul	100
35) 4-Chloro-3-methylphenol	11.977	107	110430	19.308	ng/ul	100
36) 2-Methylnaphthalene	12.359	142	245317	19.823	ng/ul	100

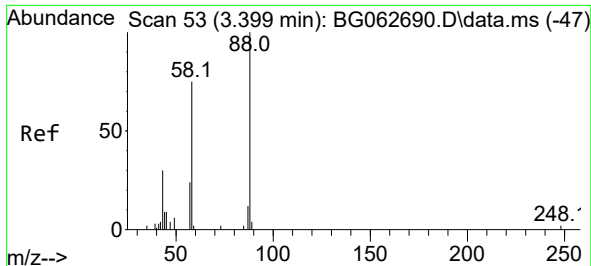
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.576	142	249254	19.663	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.729	216	171052	19.686	ng/ul	100
40) Hexachlorocyclopentadiene	12.711	237	82382	18.530	ng/ul	100
41) 2,4,6-Trichlorophenol	12.964	196	102822	19.537	ng/ul	100
42) 2,4,5-Trichlorophenol	13.040	196	112019	19.824	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	347810	19.569	ng/ul	100
44) 2-Chloronaphthalene	13.411	162	285258	19.738	ng/ul	100
45) 2-Nitroaniline	13.610	65	77210	19.469	ng/ul	100
47) Dimethylphthalate	13.986	163	388889	19.402	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	69949	19.808	ng/ul	100
50) Acenaphthylene	14.257	152	449925	19.715	ng/ul	100
51) 3-Nitroaniline	14.433	138	71528	20.232	ng/ul	100
52) Acenaphthene	14.597	153	315391	19.511	ng/ul	100
53) 2,4-Dinitrophenol	14.638	184	38961	16.709	ng/ul	100
55) 4-Nitrophenol	14.744	109	55438	18.653	ng/ul	100
56) Dibenzofuran	14.932	168	477465	19.883	ng/ul	100
57) 2,4-Dinitrotoluene	14.891	165	108152	19.589	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.156	232	111641	19.495	ng/ul	100
59) Diethylphthalate	15.355	149	388272	19.636	ng/ul	100
61) Fluorene	15.579	166	368304	19.524	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.579	204	217301	19.638	ng/ul	100
63) 4-Nitroaniline	15.596	138	78171	20.547	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.661	198	71910	18.534	ng/ul	100
67) N-Nitrosodiphenylamine	15.790	169	329111	19.721	ng/ul	100
68) 4-Bromophenyl-phenylether	16.466	248	145276	19.402	ng/ul	100
69) Hexachlorobenzene	16.589	284	167727	19.619	ng/ul	100
70) Atrazine	16.736	200	146174	19.667	ng/ul	100
71) Pentachlorophenol	16.930	266	93426	18.270	ng/ul	97
72) Phenanthrene	17.324	178	666733	19.703	ng/ul	100
74) Anthracene	17.412	178	685765	19.879	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	174903	19.682	ng/ul	100
76) Pentachlorobenzene	14.856	250	192166	19.515	ng/ul	100
77) Carbazole	17.682	167	574878	20.095	ng/ul	100
78) Di-n-butylphthalate	18.246	149	668124	19.748	ng/ul	100
80) Fluoranthene	19.333	202	842046	20.364	ng/ul	100
82) Pyrene	19.697	202	904194	20.314	ng/ul	100
83) Butylbenzylphthalate	20.590	149	259689	19.653	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.425	252	301286	21.569	ng/ul	100
85) Benzo(a)anthracene	21.507	228	913915	19.805	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.425	149	386093	19.844	ng/ul	100
87) Chrysene	21.572	228	868455	19.837	ng/ul	100
89) Di-n-octyl phthalate	22.582	149	654973	19.197	ng/ul	100
90) Benzo(b)fluoranthene	23.622	252	881347	19.462	ng/ul	100
91) Benzo(k)fluoranthene	23.687	252	903409	19.482	ng/ul	100
93) Benzo(a)pyrene	24.445	252	819964	19.197	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.046	276	1016934	19.323	ng/ul	100
95) Dibenzo(a,h)anthracene	28.099	278	823638	19.484	ng/ul	100
96) Benzo(g,h,i)perylene	29.127	276	784369	19.298	ng/ul	100

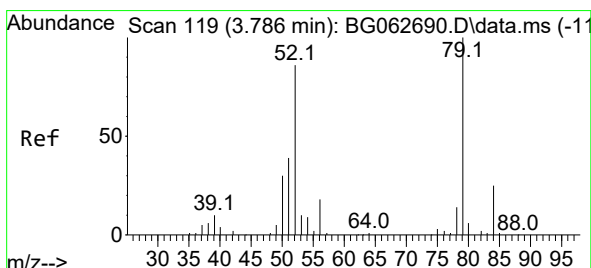
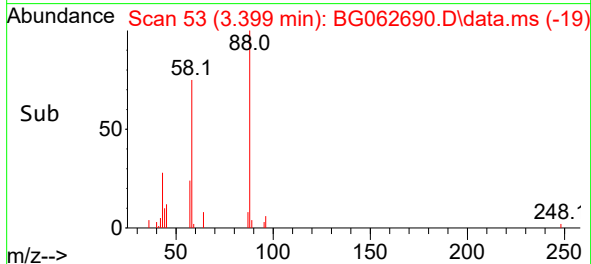
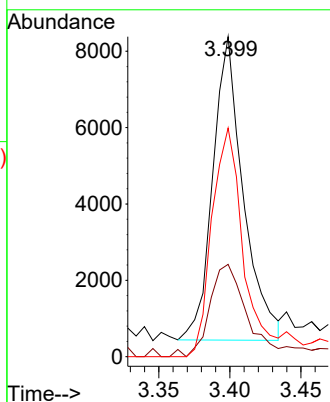
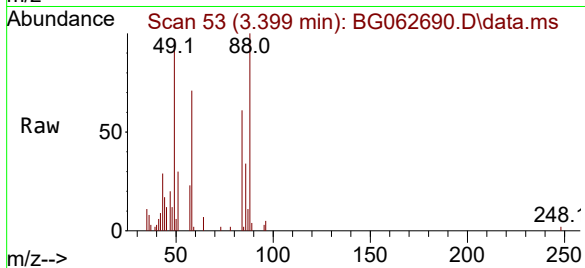
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#2
1,4-Dioxane
Concen: 6.998 ng/uL
RT: 3.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: BG062690.D
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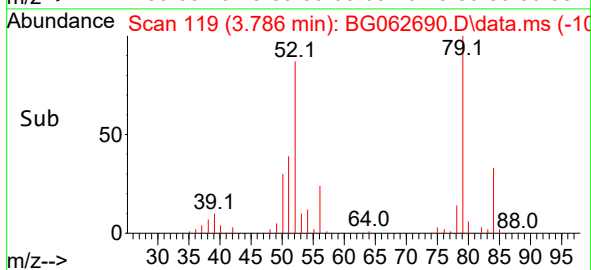
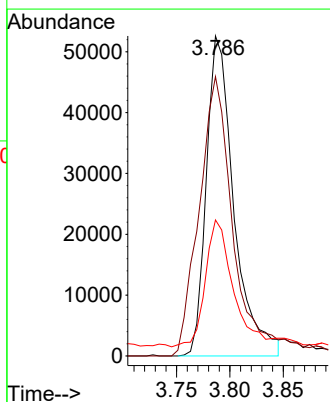
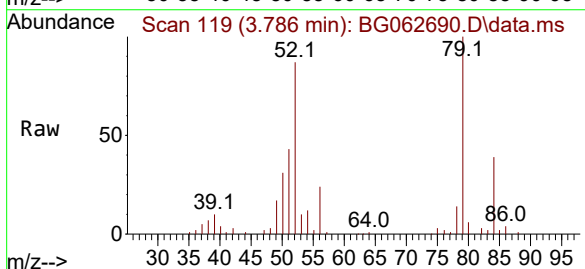
Instrument :
BNA_G
ClientSampleId :
SSTD020440

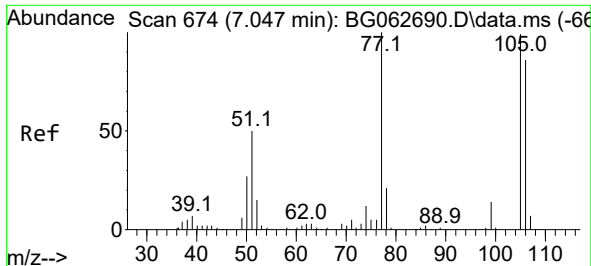
Tgt Ion: 88 Resp: 11858
Ion Ratio Lower Upper
88 100
43 28.9 23.1 34.7
58 71.5 57.2 85.8



#5
Pyridine
Concen: 18.739 ng/uL
RT: 3.786 min Scan# 119
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion: 79 Resp: 94586
Ion Ratio Lower Upper
79 100
52 87.3 69.8 104.8
51 42.5 34.0 51.0

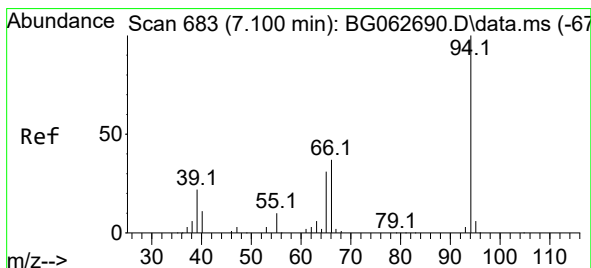
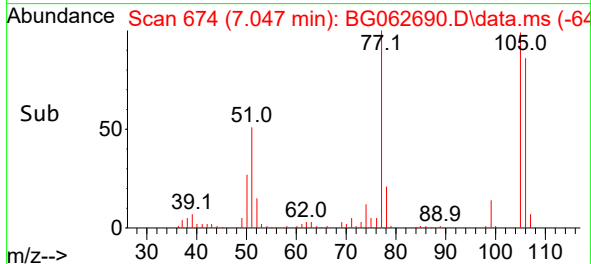
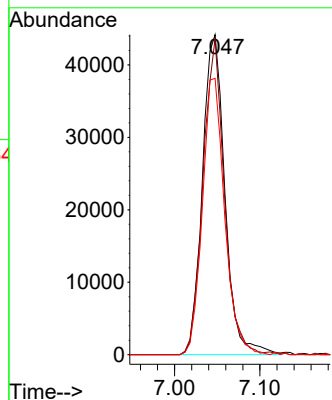
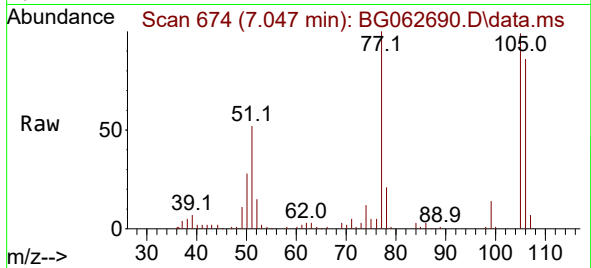




#6
Benzaldehyde
Concen: 24.768 ng/ul
RT: 7.047 min Scan# 674
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

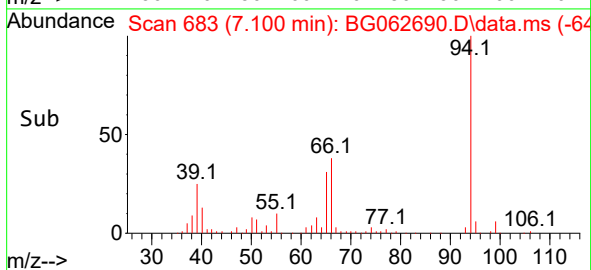
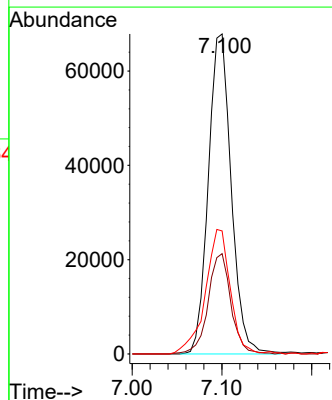
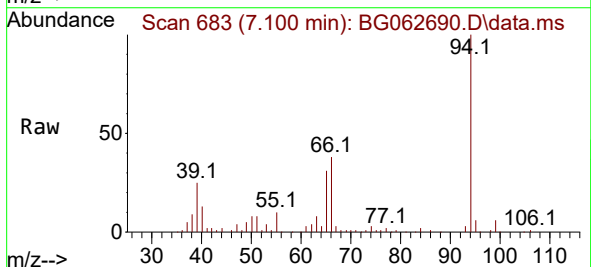
Instrument :
BNA_G
ClientSampleId :
SSTD020440

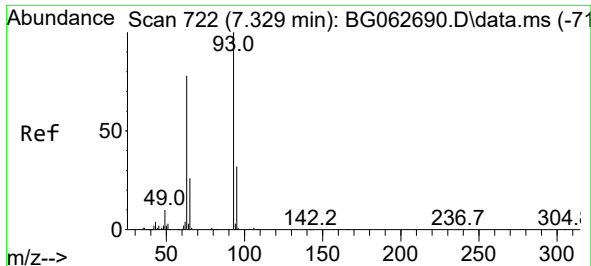
Tgt Ion: 77 Resp: 80868
Ion Ratio Lower Upper
77 100
105 98.7 79.0 118.4
106 86.3 69.0 103.6



#8
Phenol
Concen: 19.279 ng/ul
RT: 7.100 min Scan# 683
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion: 94 Resp: 120095
Ion Ratio Lower Upper
94 100
65 31.4 25.1 37.7
66 38.5 30.8 46.2

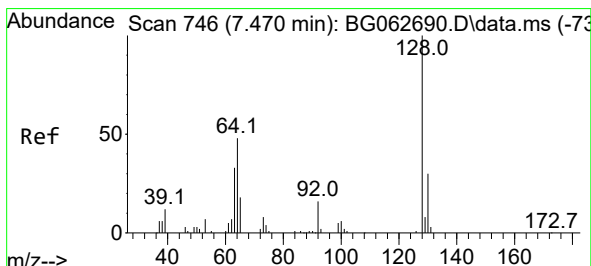
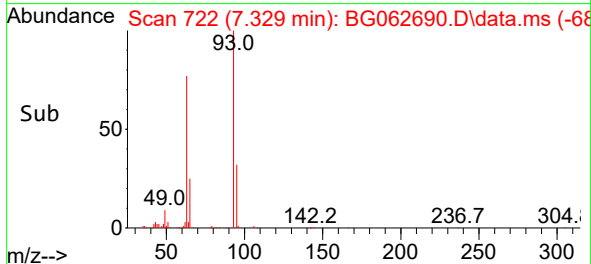
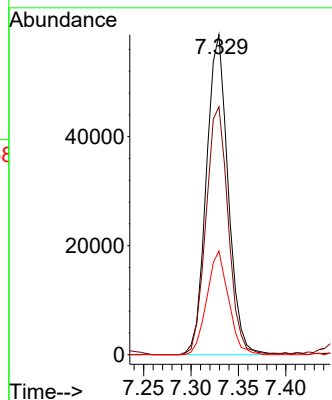
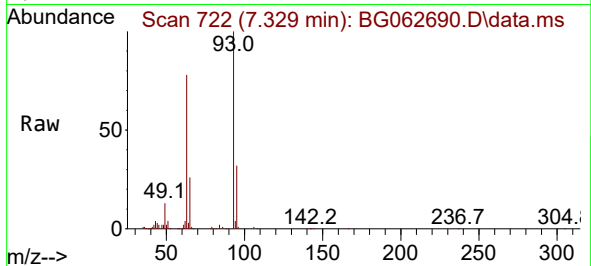




#10
Bis(2-Chloroethyl)ether
Concen: 19.875 ng/ul
RT: 7.329 min Scan# 722
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

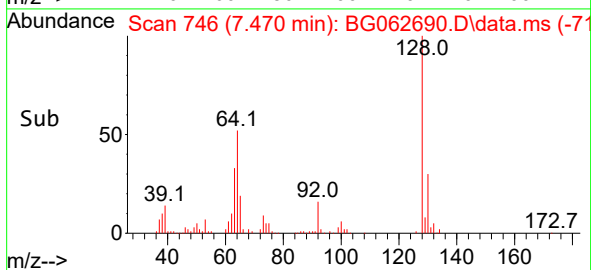
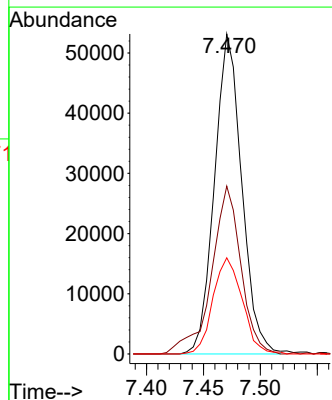
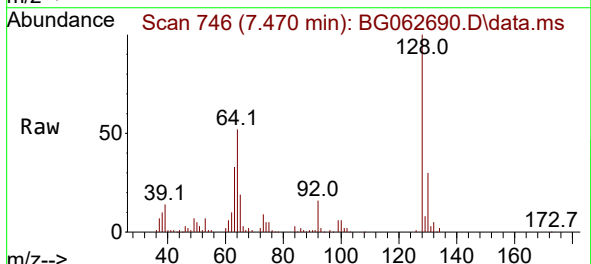
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ClientSampleId :
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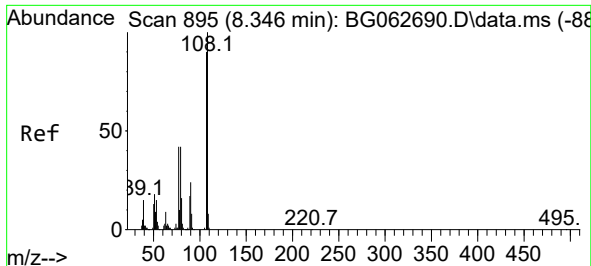
Tgt Ion:	93	Resp:	93592
Ion	Ratio	Lower	Upper
93	100		
63	77.5	62.0	93.0
95	32.4	25.9	38.9



#12
2-Chlorophenol
Concen: 19.851 ng/ul
RT: 7.470 min Scan# 746
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:	128	Resp:	88599
Ion	Ratio	Lower	Upper
128	100		
64	52.5	42.0	63.0
130	30.0	24.0	36.0

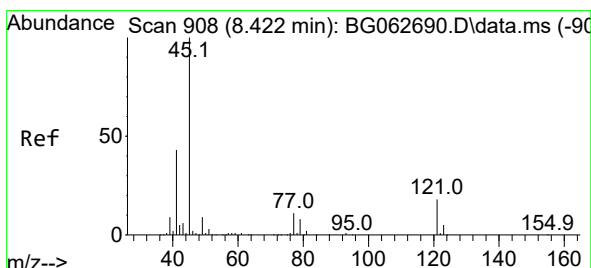
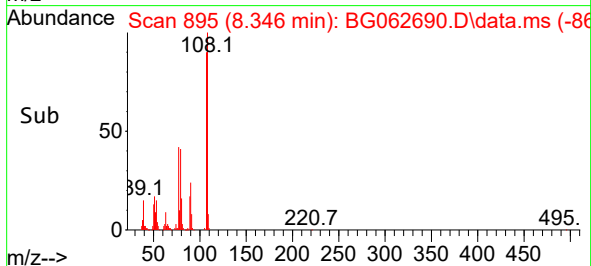
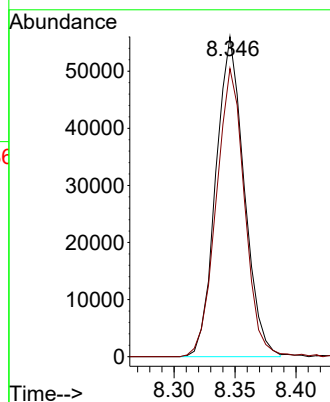
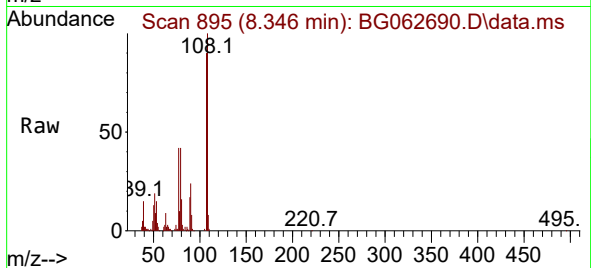




#13
2-Methylphenol
Concen: 19.387 ng/ul
RT: 8.346 min Scan# 895
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

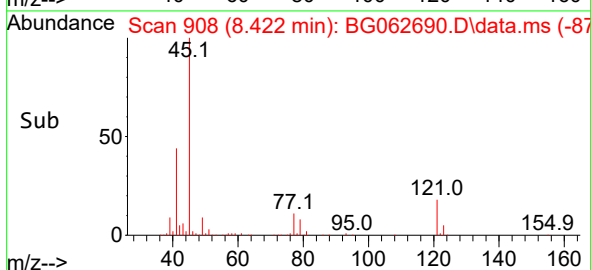
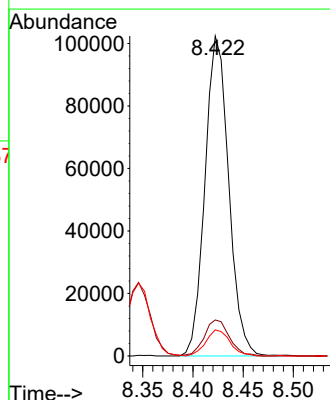
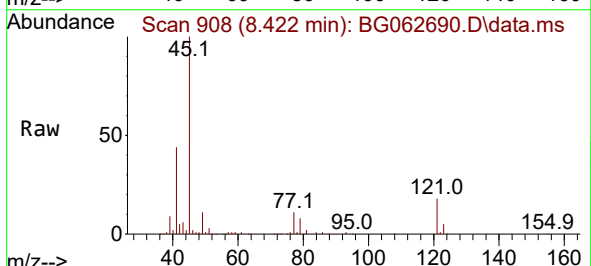
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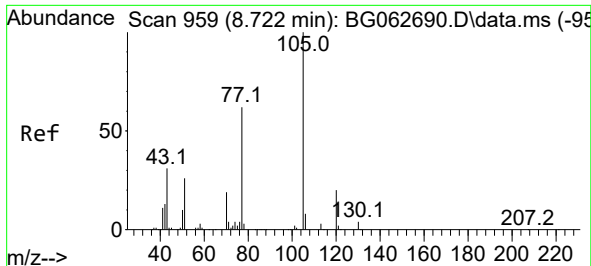
Tgt Ion:108 Resp: 90561
Ion Ratio Lower Upper
108 100
107 90.1 72.1 108.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.909 ng/ul
RT: 8.422 min Scan# 908
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion: 45 Resp: 168750
Ion Ratio Lower Upper
45 100
77 11.3 9.0 13.6
79 8.2 6.6 9.8

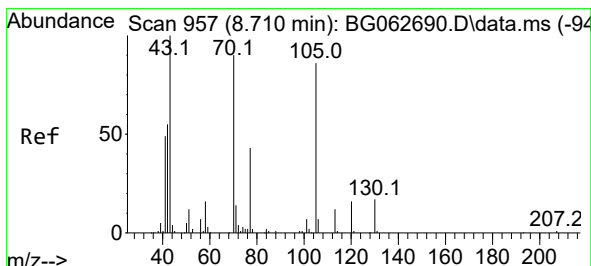
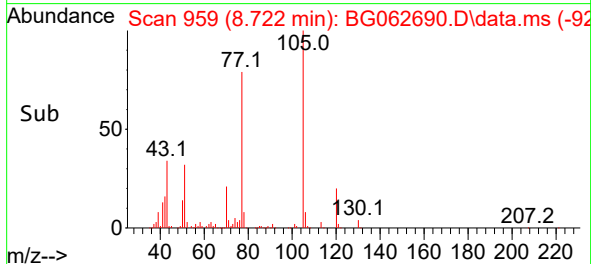
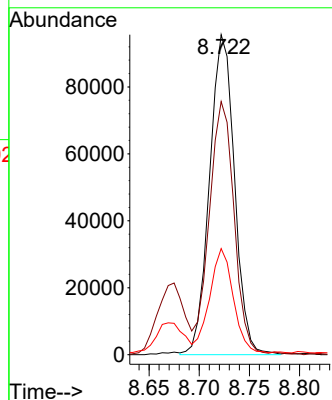
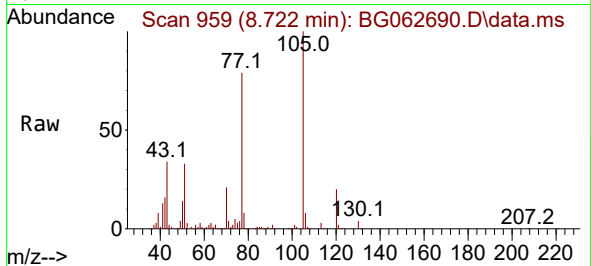




#16
Acetophenone
Concen: 20.373 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

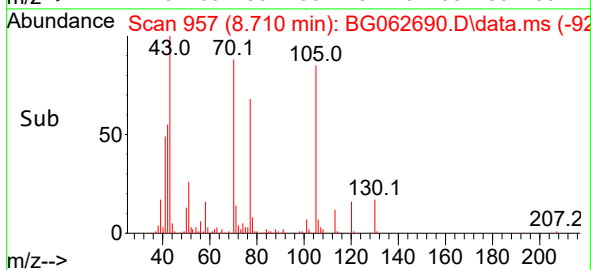
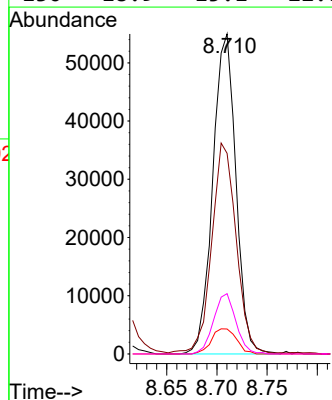
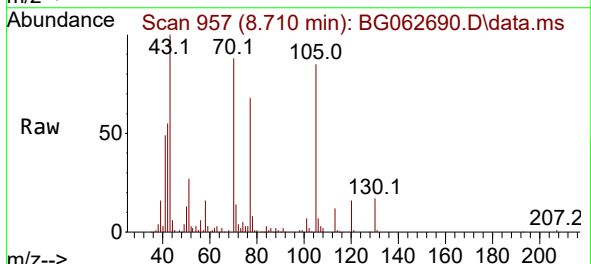
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SSTD020440

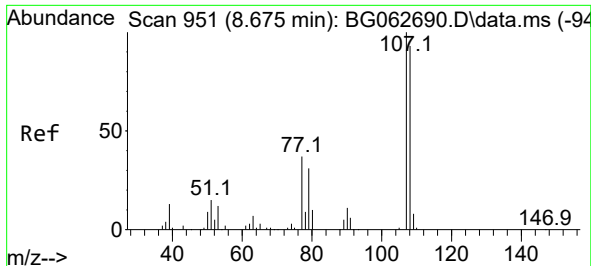
Tgt Ion:105 Resp: 165354
Ion Ratio Lower Upper
105 100
77 79.1 63.3 94.9
51 33.1 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 20.675 ng/ul
RT: 8.710 min Scan# 957
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion: 70 Resp: 87844
Ion Ratio Lower Upper
70 100
42 62.7 50.2 75.2
101 7.8 6.2 9.4
130 18.9 15.1 22.7

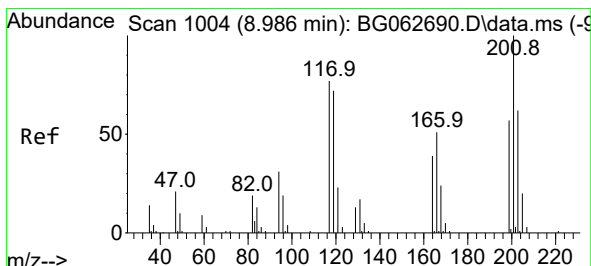
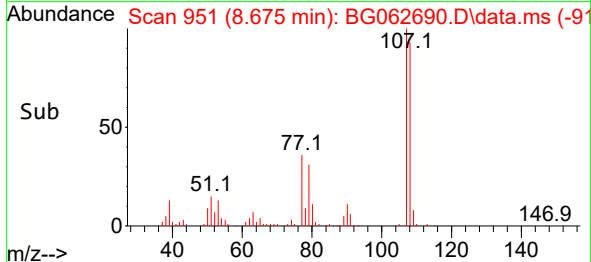
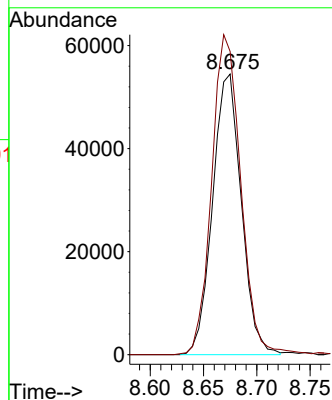
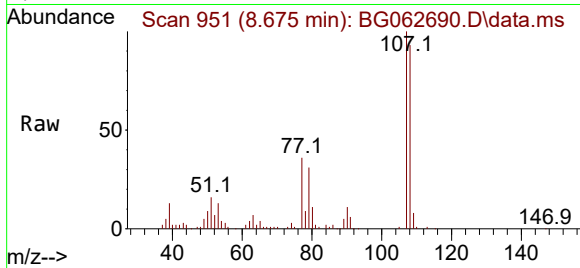




#18
4-Methylphenol
Concen: 19.410 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

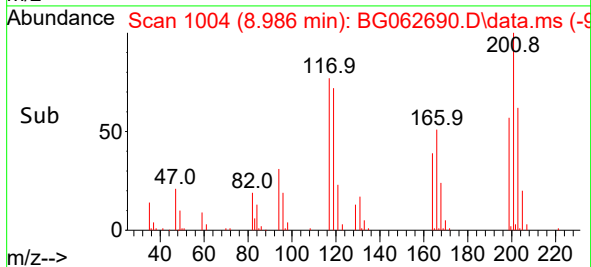
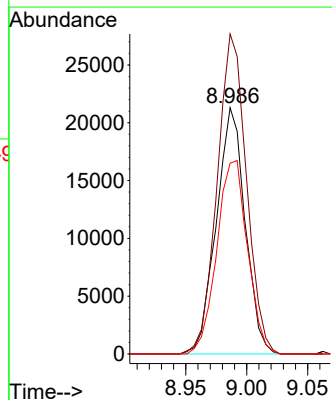
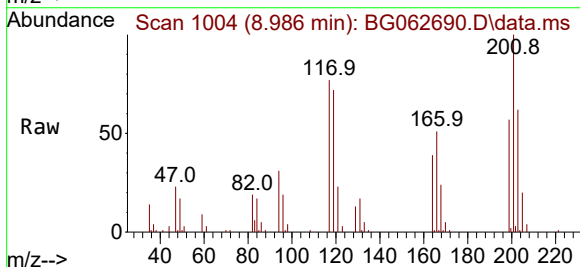
Instrument :
BNA_G
ClientSampleId :
SSTD020440

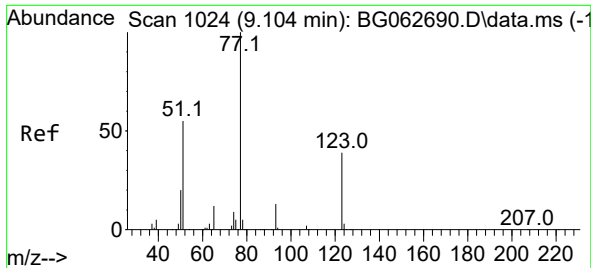
Tgt Ion:108 Resp: 102008
Ion Ratio Lower Upper
108 100
107 108.0 86.4 129.6



#19
Hexachloroethane
Concen: 19.512 ng/ul
RT: 8.986 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:117 Resp: 35057
Ion Ratio Lower Upper
117 100
201 133.3 106.6 160.0
199 77.5 62.0 93.0

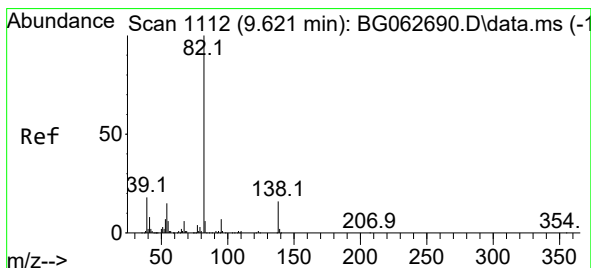
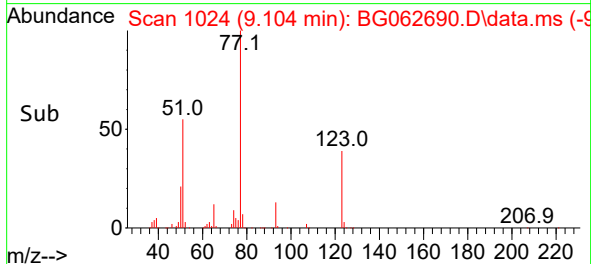
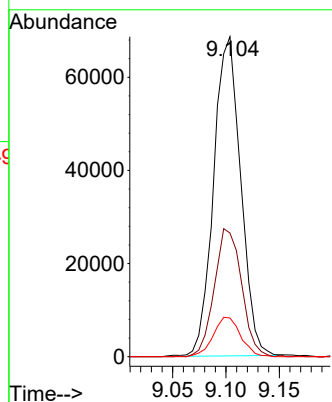
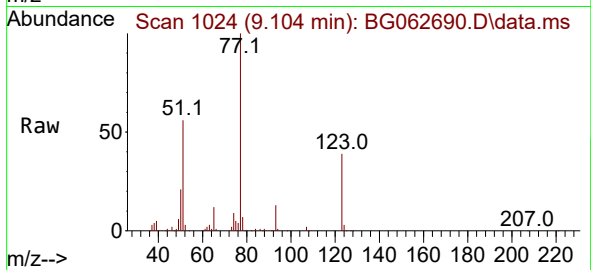




#22
Nitrobenzene
Concen: 20.004 ng/ul
RT: 9.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

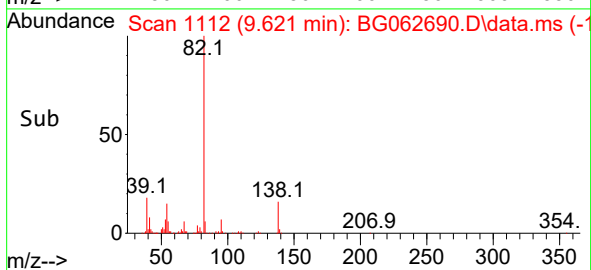
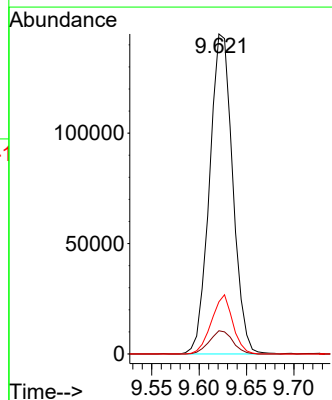
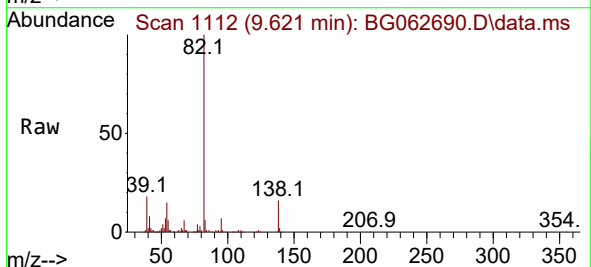
Instrument :
BNA_G
ClientSampleId :
SSTD020440

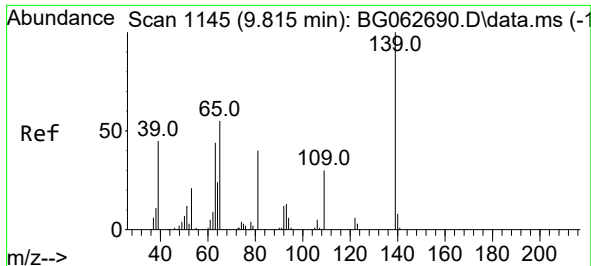
Tgt Ion: 77 Resp: 120949
Ion Ratio Lower Upper
77 100
123 38.6 30.9 46.3
65 12.1 9.7 14.5



#23
Isophorone
Concen: 19.930 ng/ul
RT: 9.621 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion: 82 Resp: 246368
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.3 13.0 19.6





#25

2-Nitrophenol

Concen: 19.964 ng/ul

RT: 9.815 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

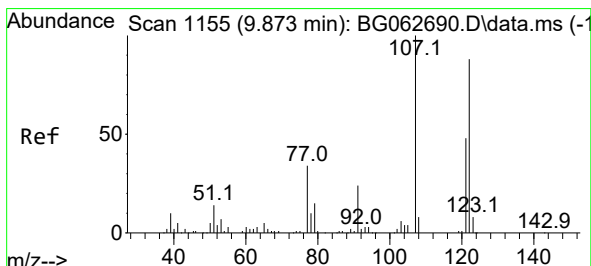
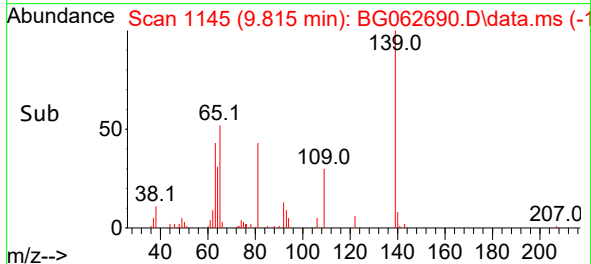
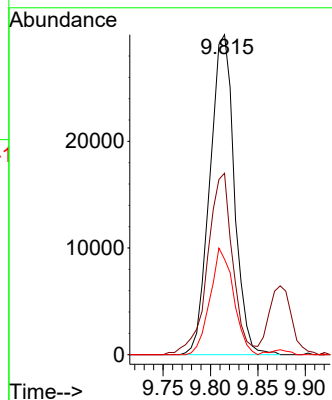
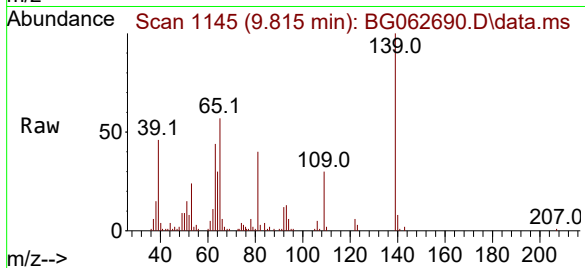
Tgt Ion:139 Resp: 53784

Ion Ratio Lower Upper

139 100

65 56.7 45.4 68.0

109 29.9 23.9 35.9



#26

2,4-Dimethylphenol

Concen: 19.750 ng/ul

RT: 9.873 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

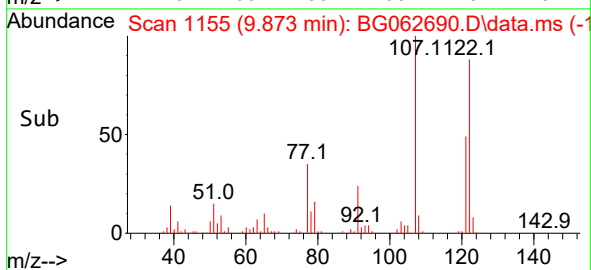
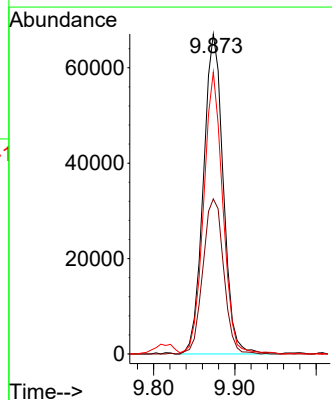
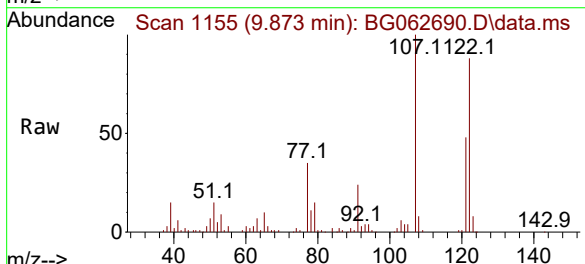
Tgt Ion:107 Resp: 113694

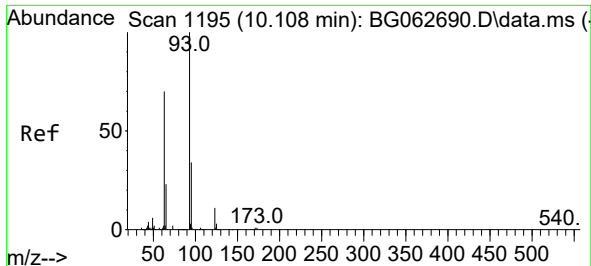
Ion Ratio Lower Upper

107 100

121 48.5 38.8 58.2

122 88.1 70.5 105.7

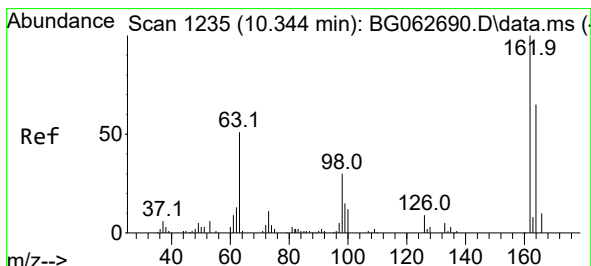
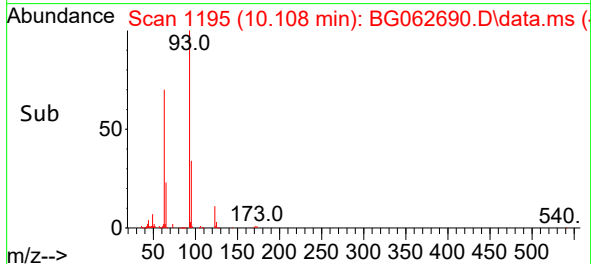
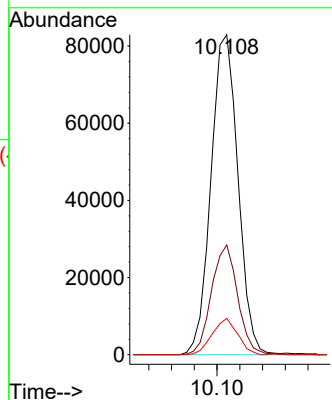
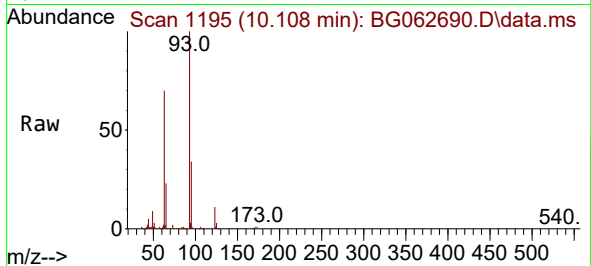




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.820 ng/ul
 RT: 10.108 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: BG062690.D
 Acq: 9 Sep 2024 15:44

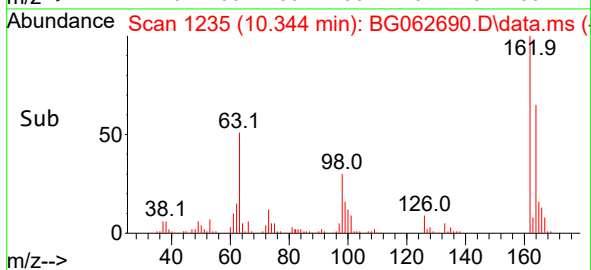
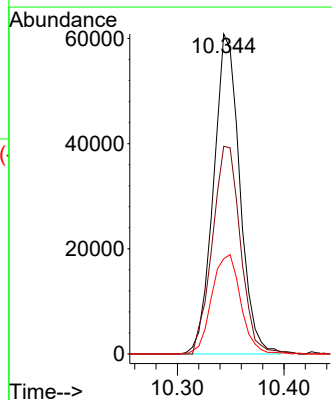
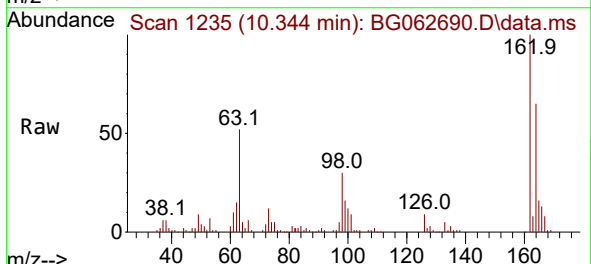
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020440

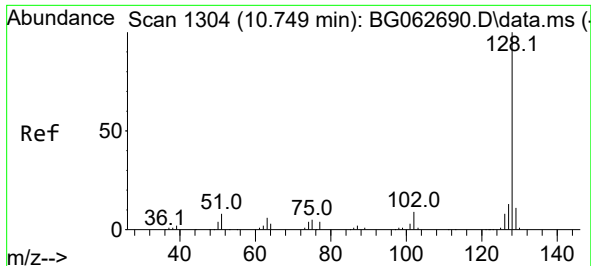
Tgt Ion: 93 Resp: 136928
 Ion Ratio Lower Upper
 93 100
 95 34.3 27.4 41.2
 123 11.4 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 19.817 ng/ul
 RT: 10.344 min Scan# 1235
 Delta R.T. 0.000 min
 Lab File: BG062690.D
 Acq: 9 Sep 2024 15:44

Tgt Ion:162 Resp: 103904
 Ion Ratio Lower Upper
 162 100
 164 64.9 51.9 77.9
 98 29.7 23.8 35.6

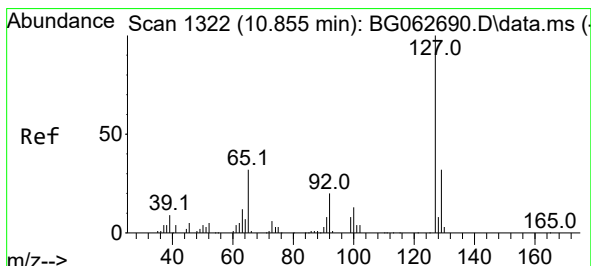
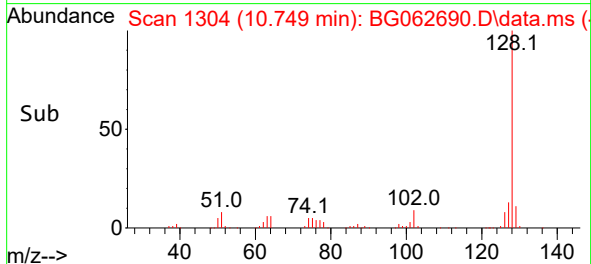
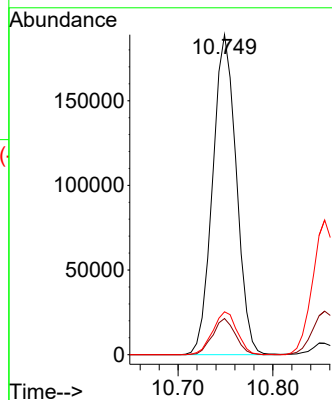
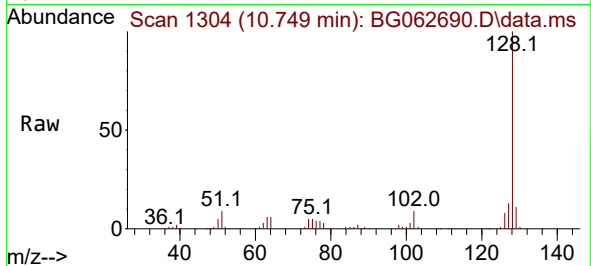




#30
Naphthalene
Concen: 19.563 ng/ul
RT: 10.749 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

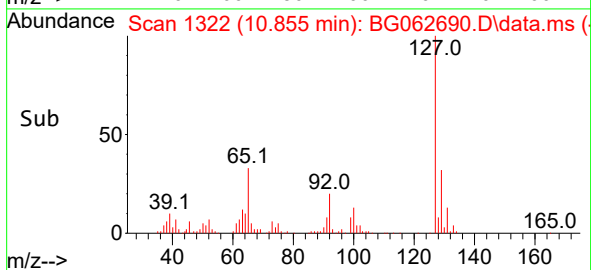
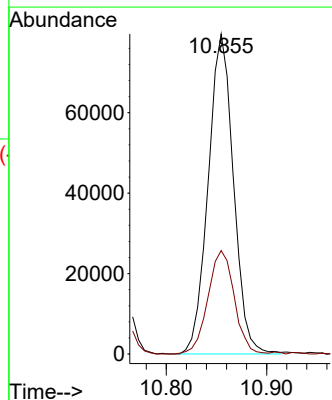
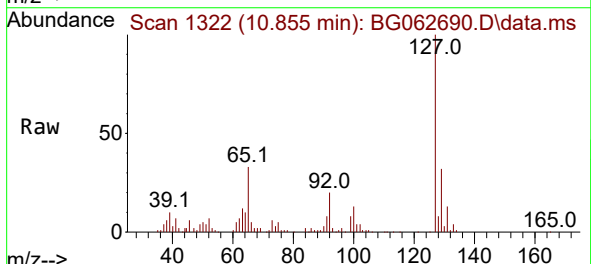
Instrument :
BNA_G
ClientSampleId :
SSTD020440

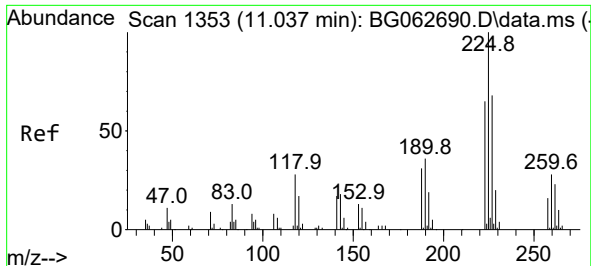
Tgt Ion:128 Resp: 328019
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.7 16.1



#32
4-Chloroaniline
Concen: 19.188 ng/ul
RT: 10.855 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:127 Resp: 139634
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8

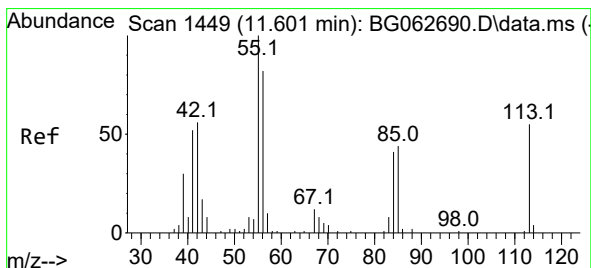
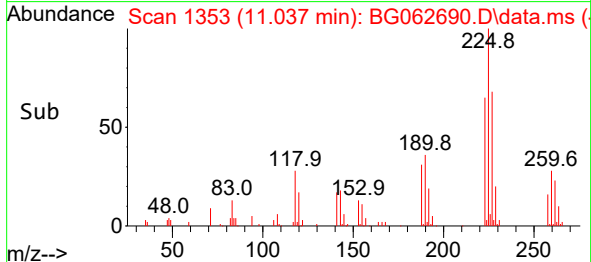
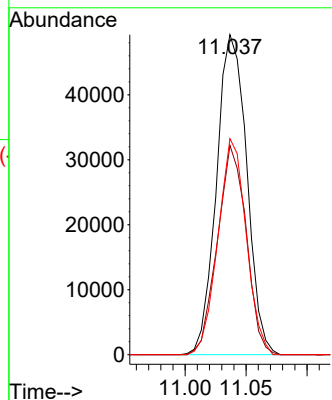
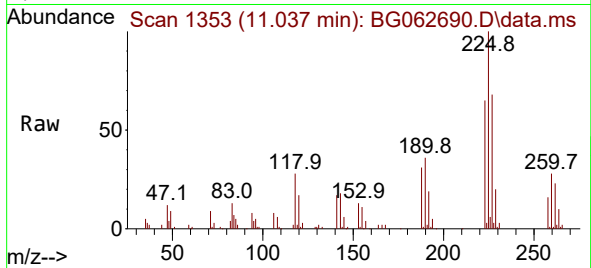




#33
Hexachlorobutadiene
Concen: 19.480 ng/ul
RT: 11.037 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

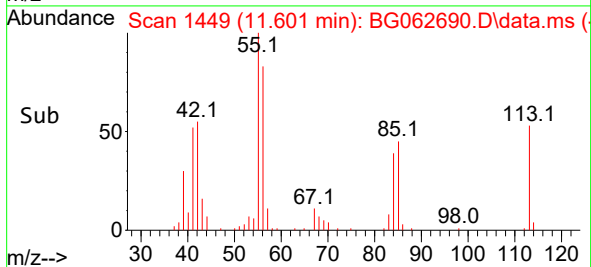
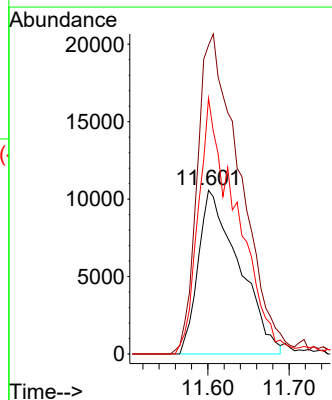
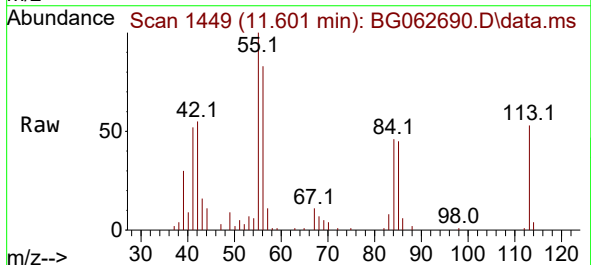
Instrument :
BNA_G
ClientSampleId :
SSTD020440

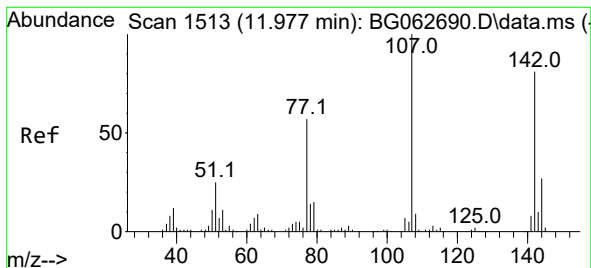
Tgt Ion:225 Resp: 85083
Ion Ratio Lower Upper
225 100
223 65.4 52.3 78.5
227 70.5 56.4 84.6



#34
Caprolactam
Concen: 19.196 ng/ul
RT: 11.601 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:113 Resp: 36792
Ion Ratio Lower Upper
113 100
55 188.5 150.8 226.2
56 156.3 125.0 187.6

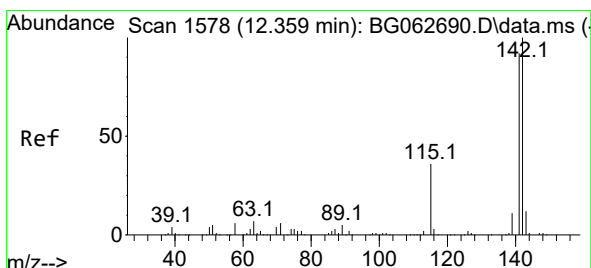
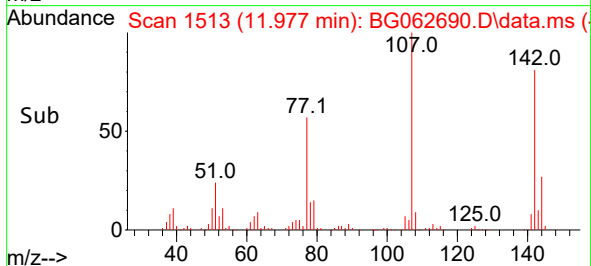
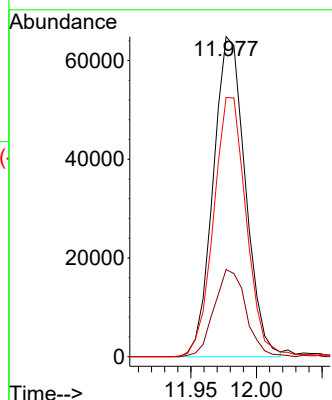
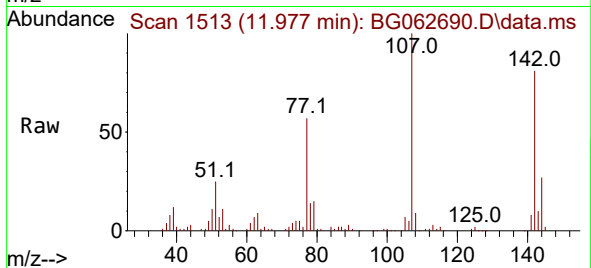




#35
4-Chloro-3-methylphenol
Concen: 19.308 ng/ul
RT: 11.977 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

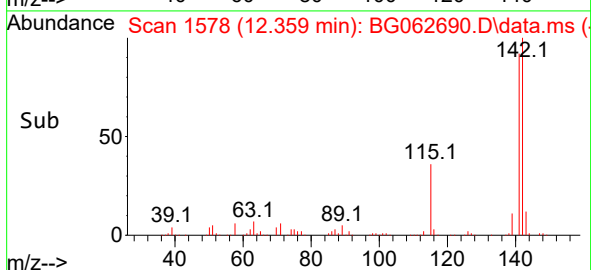
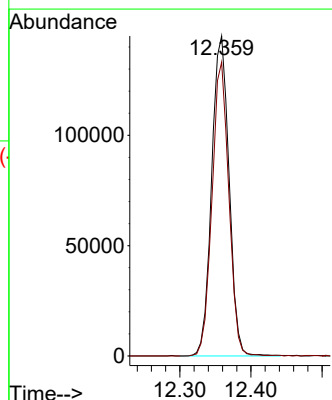
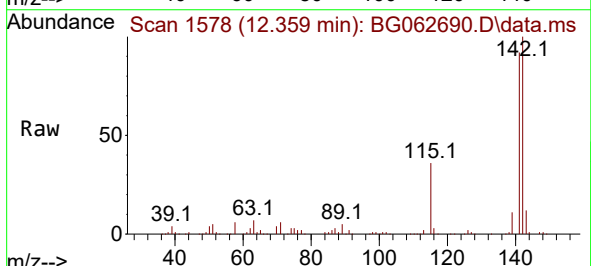
Instrument :
BNA_G
ClientSampleId :
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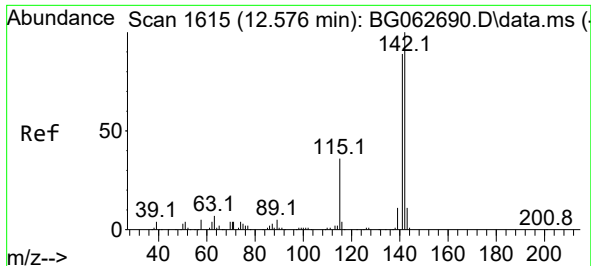
Tgt Ion:107 Resp: 110430
Ion Ratio Lower Upper
107 100
144 27.2 21.8 32.6
142 81.0 64.8 97.2



#36
2-Methylnaphthalene
Concen: 19.823 ng/ul
RT: 12.359 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:142 Resp: 245317
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

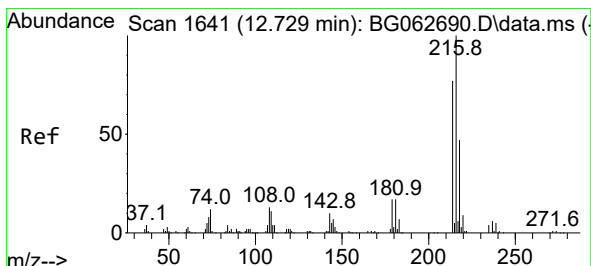
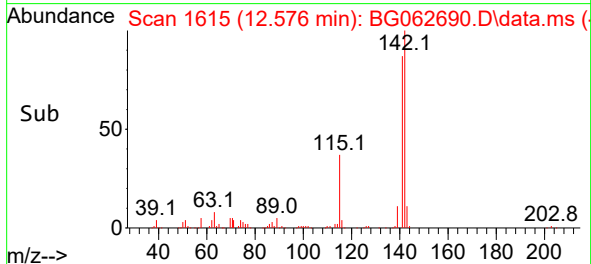
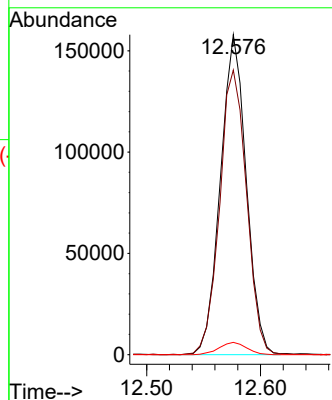
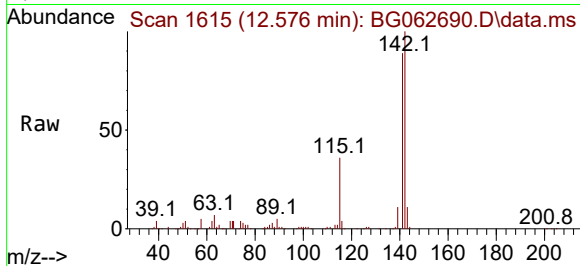




#37
1-Methylnaphthalene
Concen: 19.663 ng/ul
RT: 12.576 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

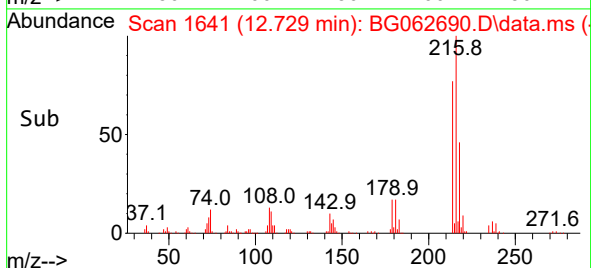
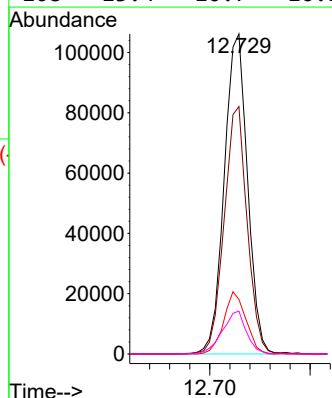
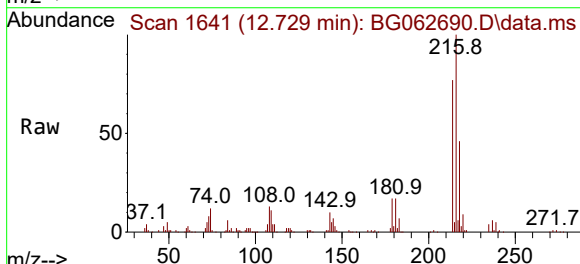
Instrument :
BNA_G
ClientSampleId :
SSTD020440

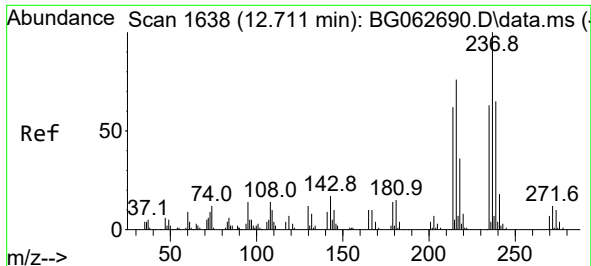
Tgt Ion:142 Resp: 249254
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7
116 3.8 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.686 ng/ul
RT: 12.729 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:216 Resp: 171052
Ion Ratio Lower Upper
216 100
214 77.3 61.8 92.8
179 17.0 13.6 20.4
108 13.4 10.7 16.1

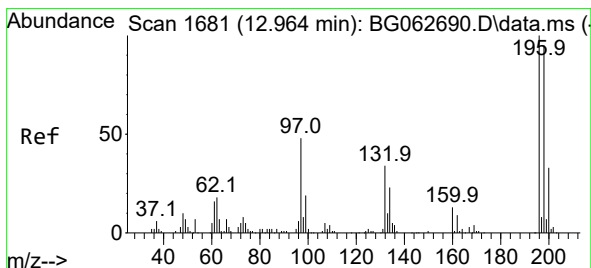
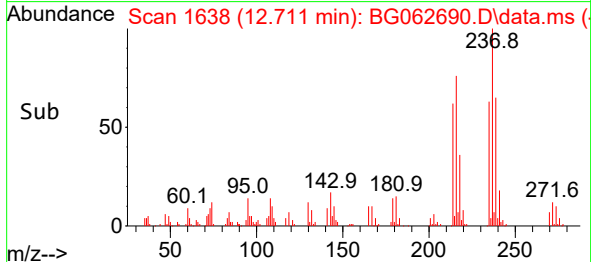
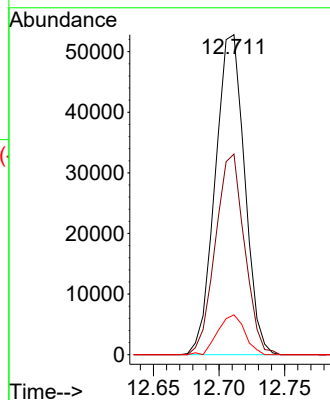
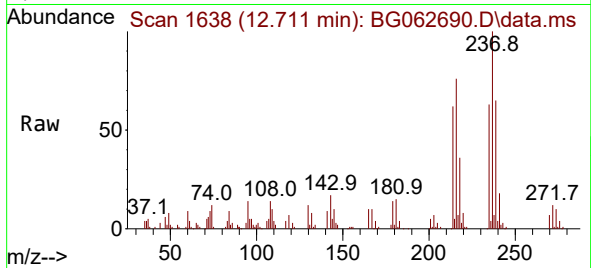




#40
Hexachlorocyclopentadiene
Concen: 18.530 ng/ul
RT: 12.711 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

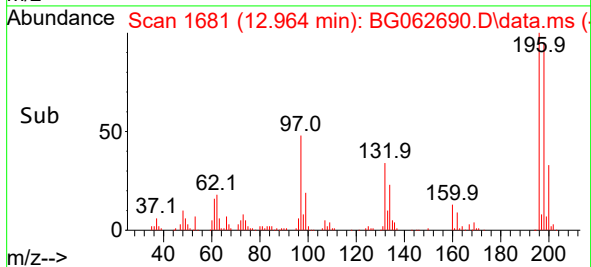
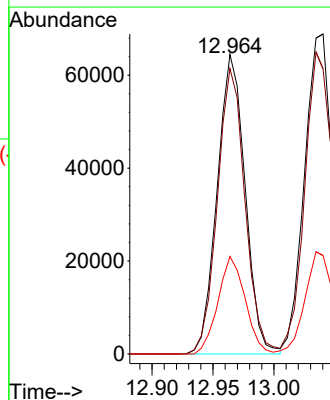
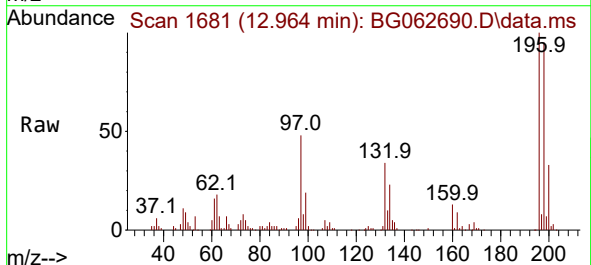
Instrument :
BNA_G
ClientSampleId :
SSTD020440

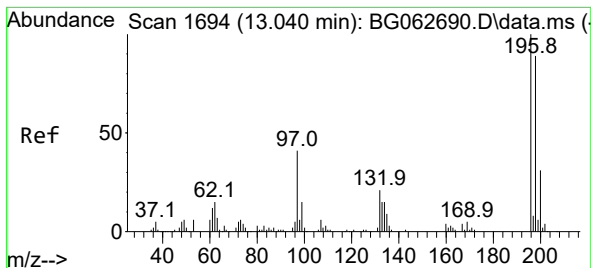
Tgt Ion:237 Resp: 82382
Ion Ratio Lower Upper
237 100
235 58.8 47.0 70.6
272 11.7 9.4 14.0



#41
2,4,6-Trichlorophenol
Concen: 19.537 ng/ul
RT: 12.964 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:196 Resp: 102822
Ion Ratio Lower Upper
196 100
198 95.3 76.2 114.4
200 32.5 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 19.824 ng/ul

RT: 13.040 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

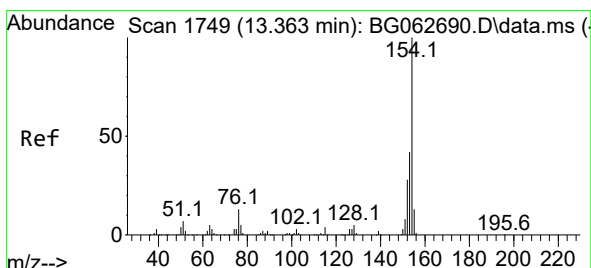
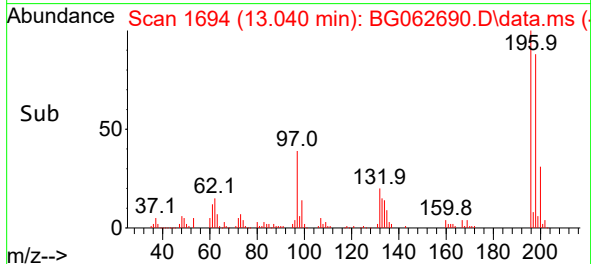
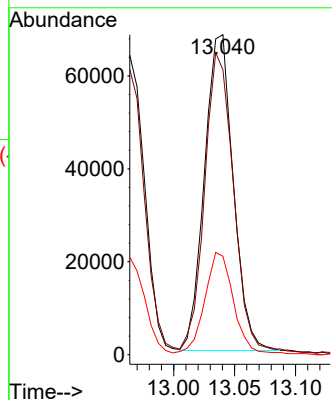
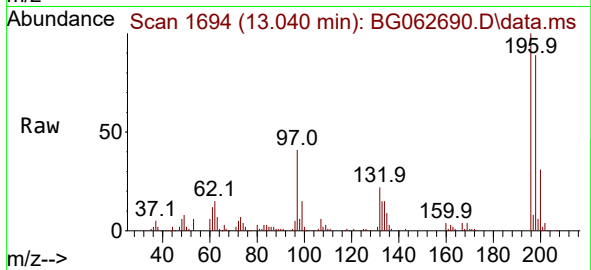
Tgt Ion:196 Resp: 112019

Ion Ratio Lower Upper

196 100

198 89.0 71.2 106.8

200 30.8 24.6 37.0



#43

1,1'-Biphenyl

Concen: 19.569 ng/ul

RT: 13.363 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

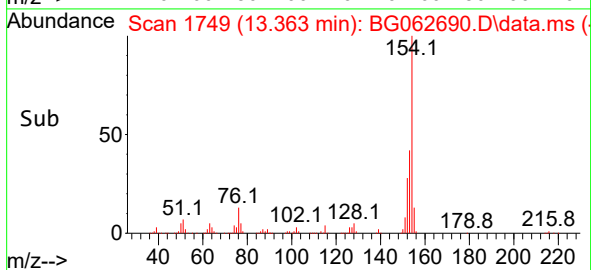
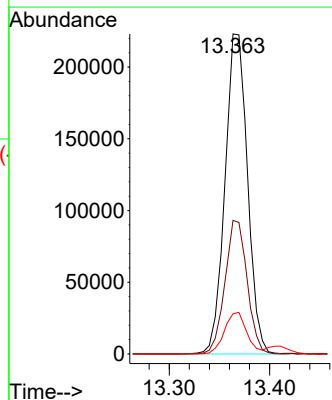
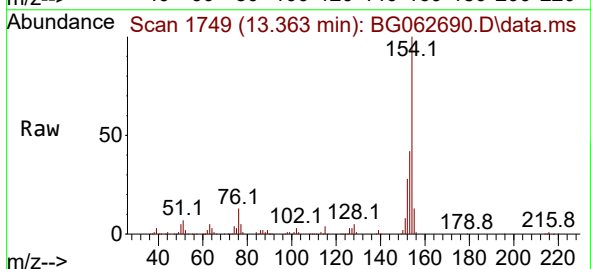
Tgt Ion:154 Resp: 347810

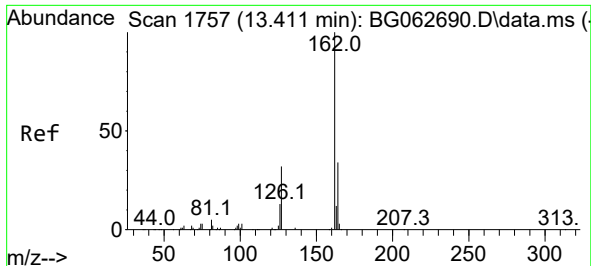
Ion Ratio Lower Upper

154 100

153 41.7 33.4 50.0

76 12.6 10.1 15.1

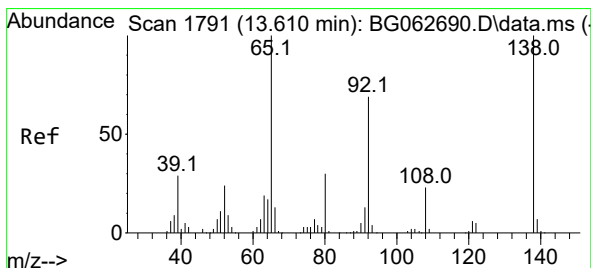
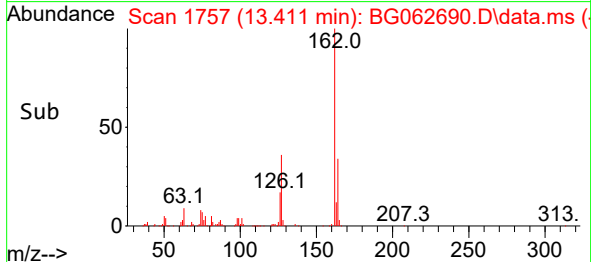
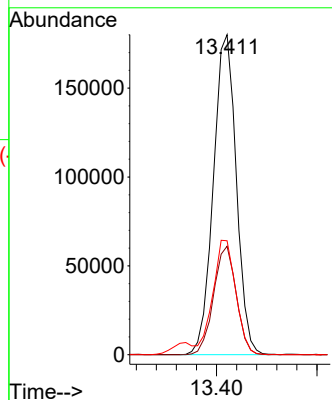
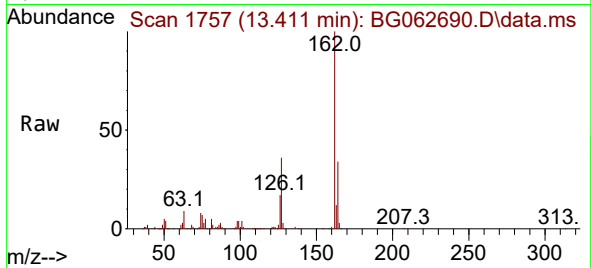




#44
2-Chloronaphthalene
Concen: 19.738 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

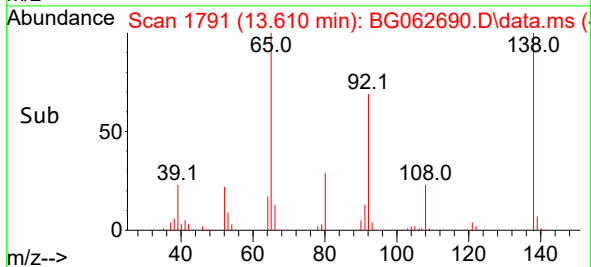
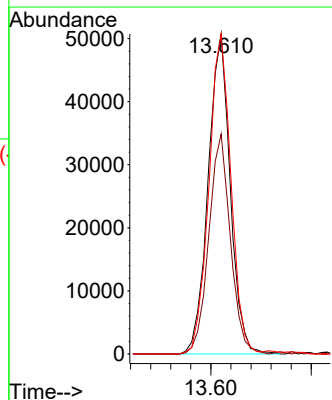
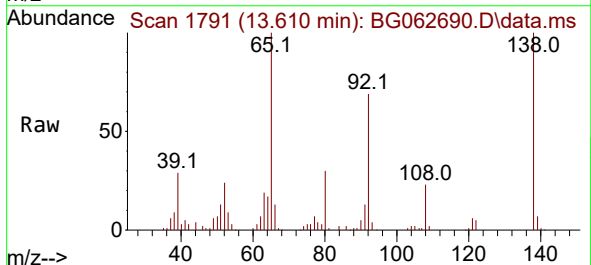
Instrument :
BNA_G
ClientSampleId :
SSTD020440

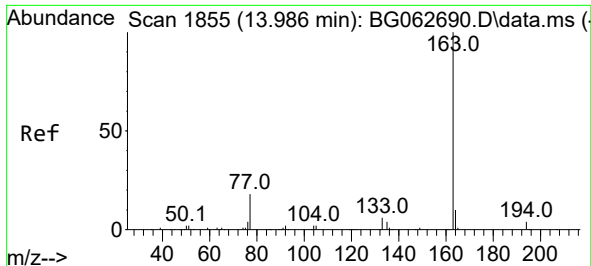
Tgt Ion:162 Resp: 285258
Ion Ratio Lower Upper
162 100
164 33.9 27.1 40.7
127 35.6 28.5 42.7



#45
2-Nitroaniline
Concen: 19.469 ng/ul
RT: 13.610 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion: 65 Resp: 77210
Ion Ratio Lower Upper
65 100
92 68.7 55.0 82.4
138 100.0 80.0 120.0

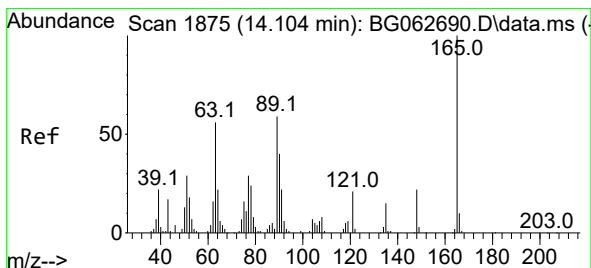
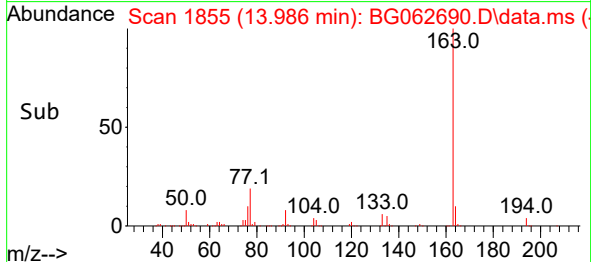
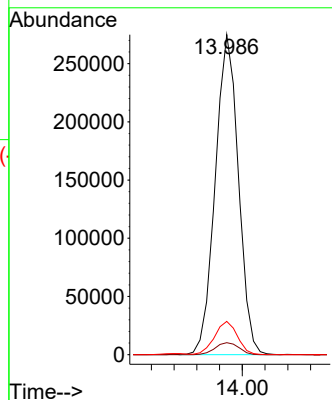
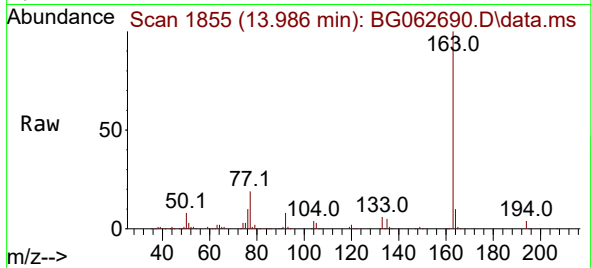




#47
Dimethylphthalate
Concen: 19.402 ng/ul
RT: 13.986 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

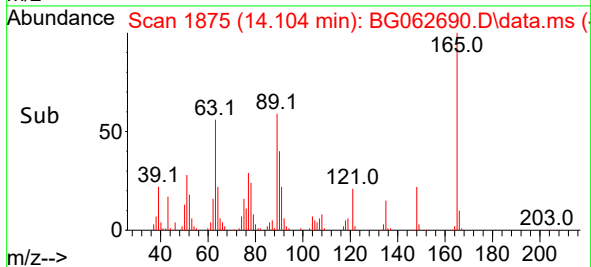
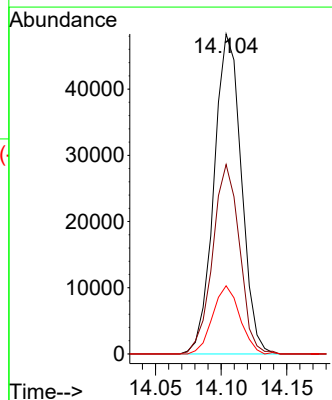
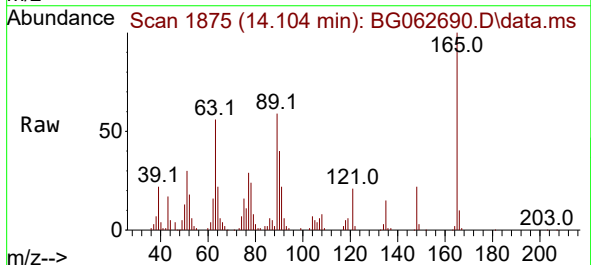
Instrument :
BNA_G
ClientSampleId :
SSTD020440

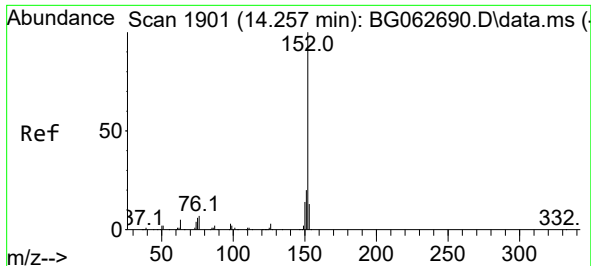
Tgt Ion:163 Resp: 388889
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 19.808 ng/ul
RT: 14.104 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:165 Resp: 69949
Ion Ratio Lower Upper
165 100
89 59.2 47.4 71.0
121 21.3 17.0 25.6

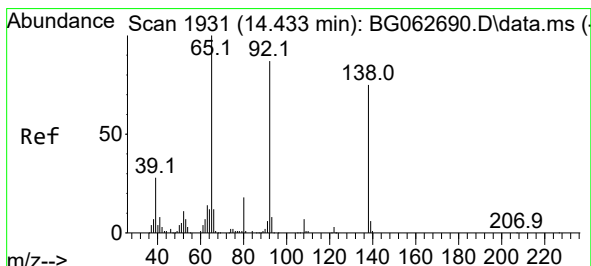
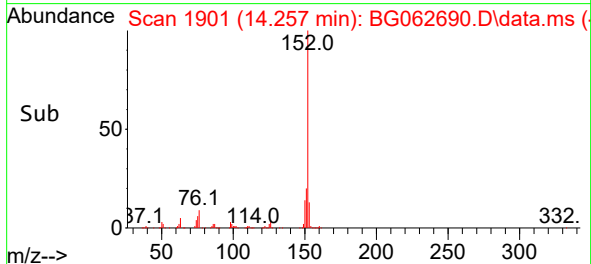
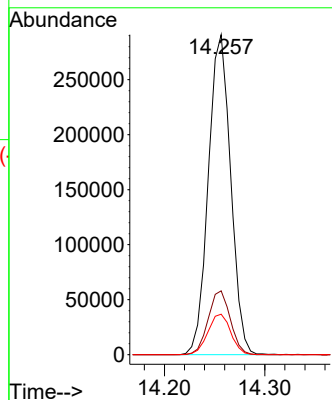
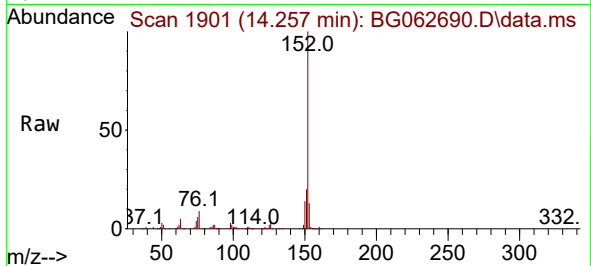




#50
Acenaphthylene
Concen: 19.715 ng/ul
RT: 14.257 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

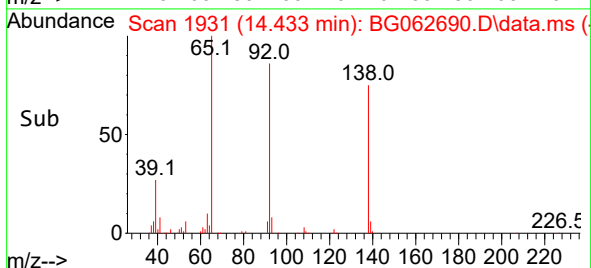
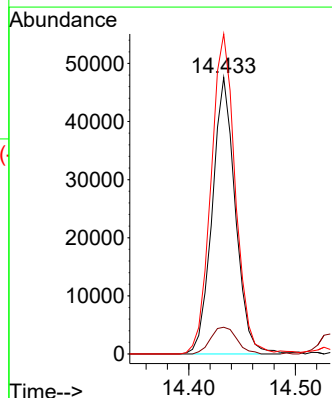
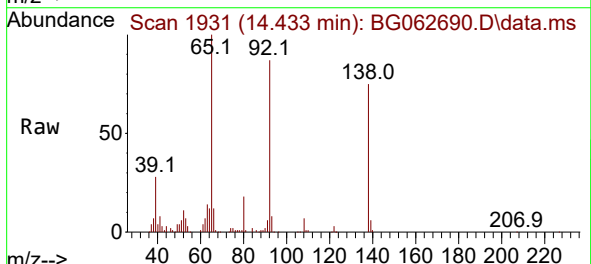
Instrument :
BNA_G
ClientSampleId :
SSTD020440

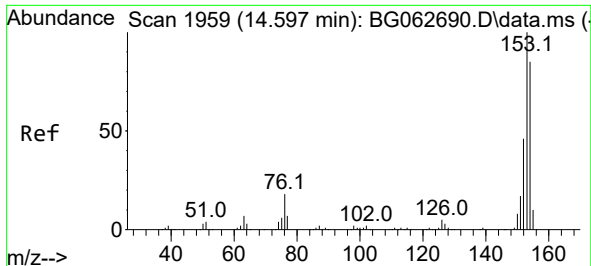
Tgt Ion:152 Resp: 449925
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.7 10.2 15.2



#51
3-Nitroaniline
Concen: 20.232 ng/ul
RT: 14.433 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:138 Resp: 71528
Ion Ratio Lower Upper
138 100
108 9.6 7.7 11.5
92 115.7 92.6 138.8

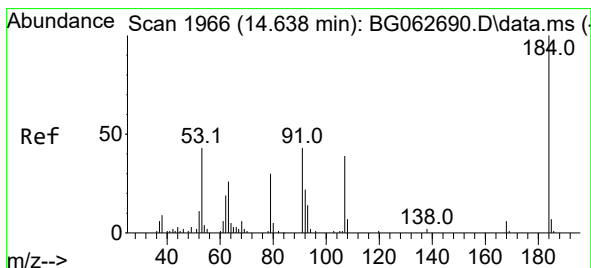
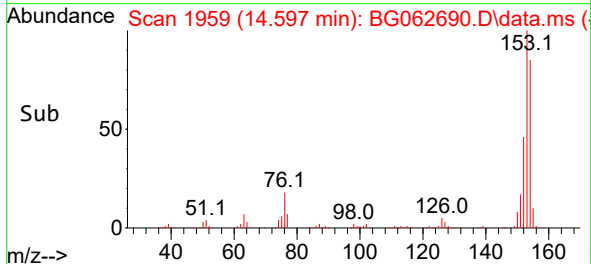
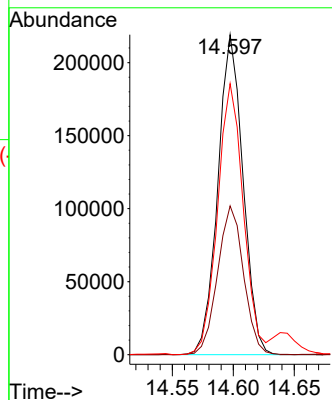
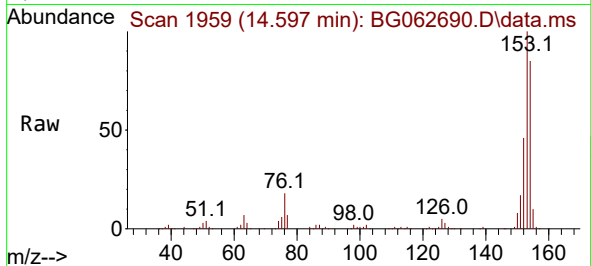




#52
Acenaphthene
Concen: 19.511 ng/ul
RT: 14.597 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

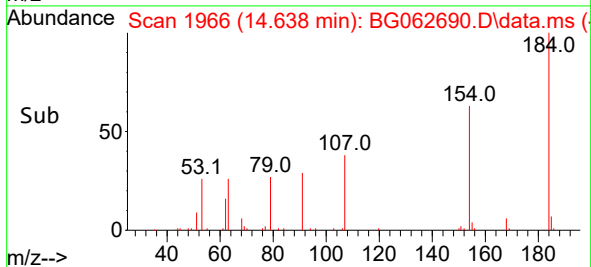
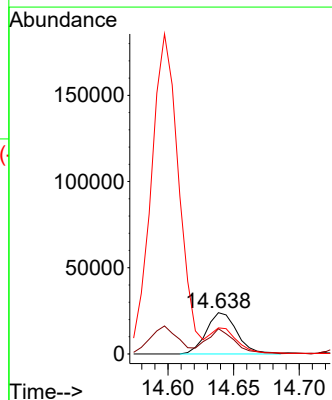
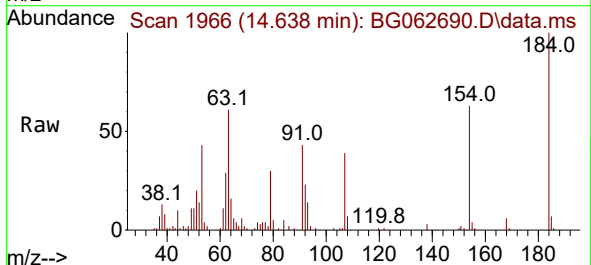
Instrument :
BNA_G
ClientSampleId :
SSTD020440

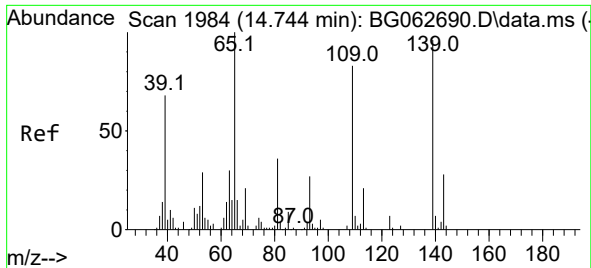
Tgt Ion:153 Resp: 315391
Ion Ratio Lower Upper
153 100
152 46.5 37.2 55.8
154 84.7 67.8 101.6



#53
2,4-Dinitrophenol
Concen: 16.709 ng/ul
RT: 14.638 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:184 Resp: 38961
Ion Ratio Lower Upper
184 100
63 61.2 49.0 73.4
154 63.0 50.4 75.6

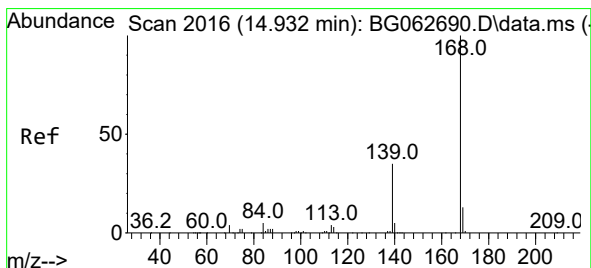
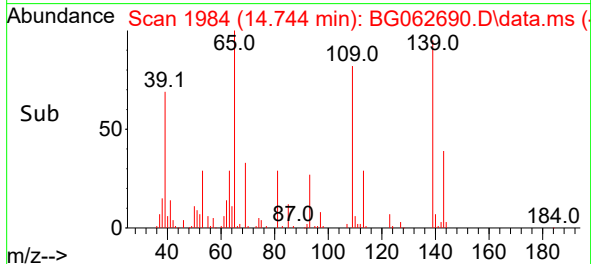
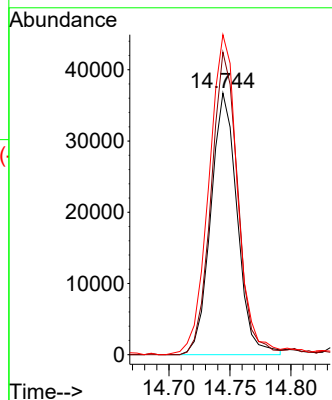
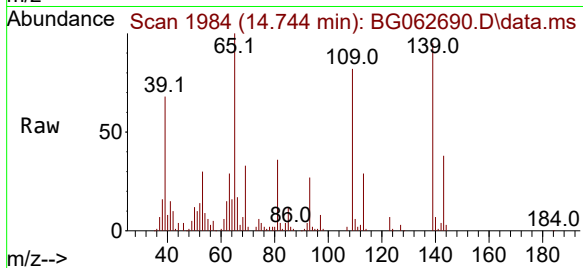




#55
4-Nitrophenol
Concen: 18.653 ng/ul
RT: 14.744 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

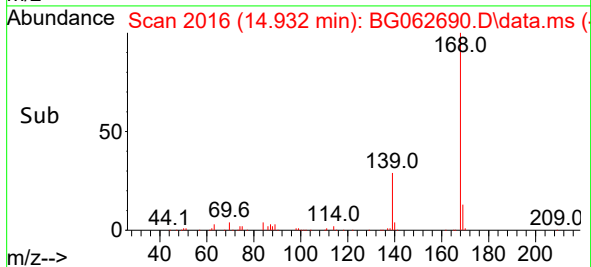
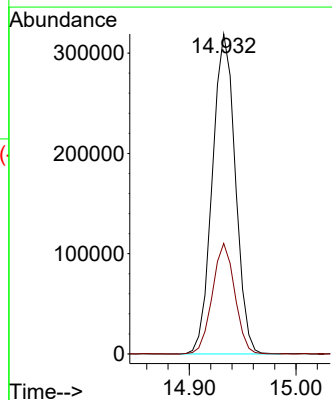
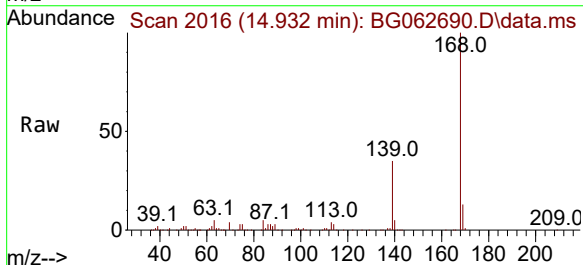
Instrument :
BNA_G
ClientSampleId :
SSTD020440

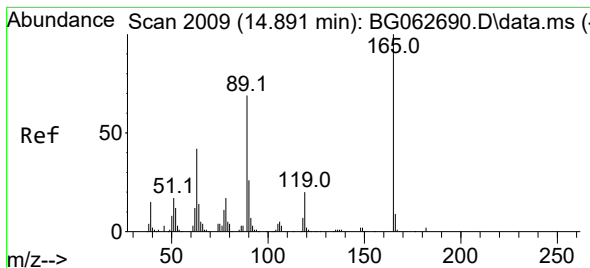
Tgt Ion:109 Resp: 55438
Ion Ratio Lower Upper
109 100
139 115.6 92.5 138.7
65 122.3 97.8 146.8



#56
Dibenzofuran
Concen: 19.883 ng/ul
RT: 14.932 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:168 Resp: 477465
Ion Ratio Lower Upper
168 100
139 34.5 27.6 41.4

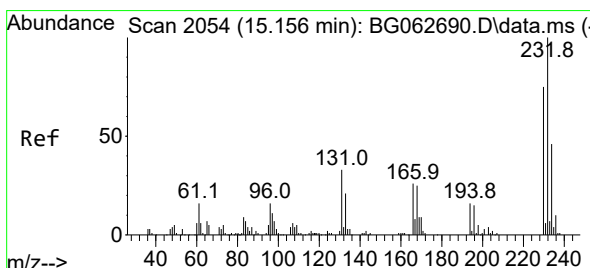
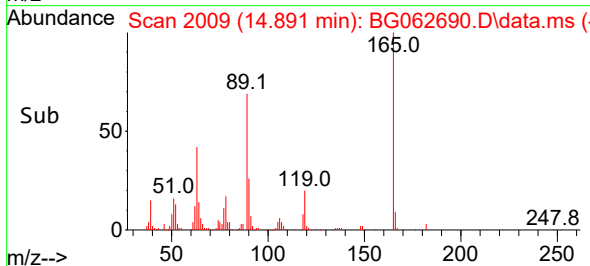
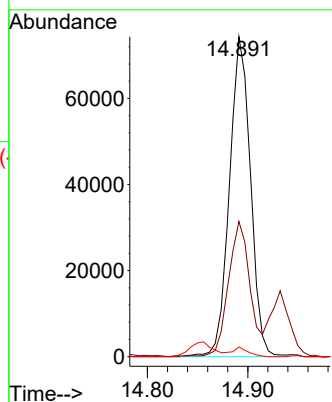
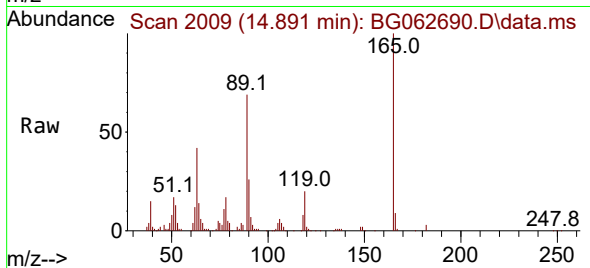




#57
2,4-Dinitrotoluene
Concen: 19.589 ng/ul
RT: 14.891 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

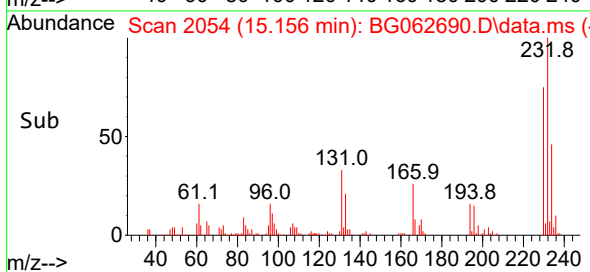
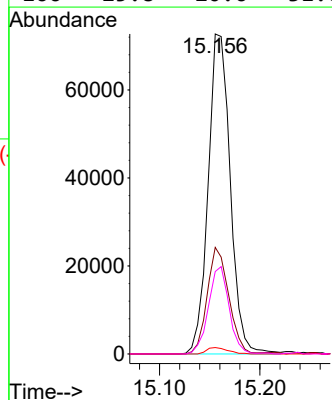
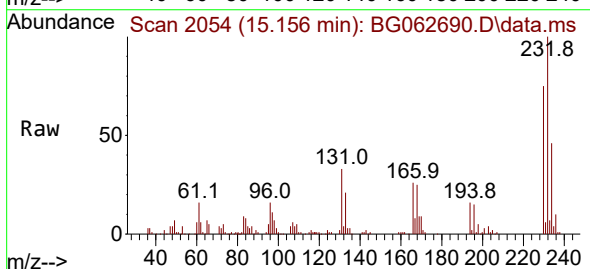
Instrument :
BNA_G
ClientSampleId :
SSTD020440

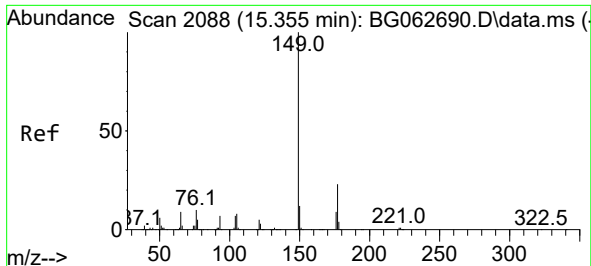
Tgt Ion:165 Resp: 108152
Ion Ratio Lower Upper
165 100
63 42.3 33.8 50.8
182 3.0 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.495 ng/ul
RT: 15.156 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:232 Resp: 111641
Ion Ratio Lower Upper
232 100
131 33.3 26.6 40.0
130 2.0 1.6 2.4
166 25.8 20.6 31.0

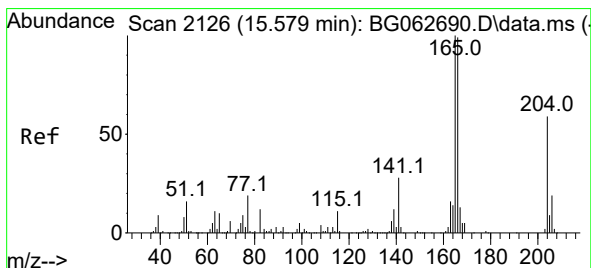
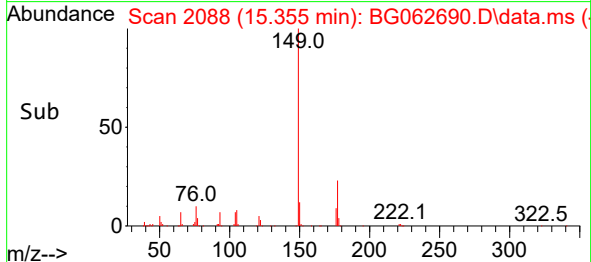
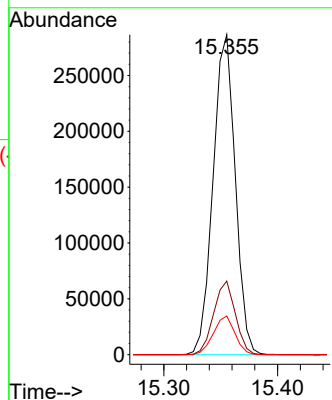
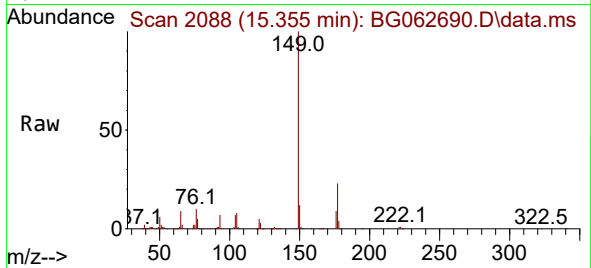




#59
Diethylphthalate
Concen: 19.636 ng/ul
RT: 15.355 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

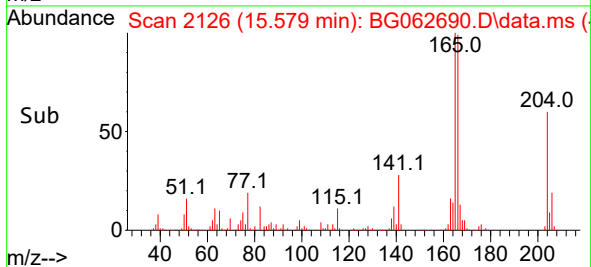
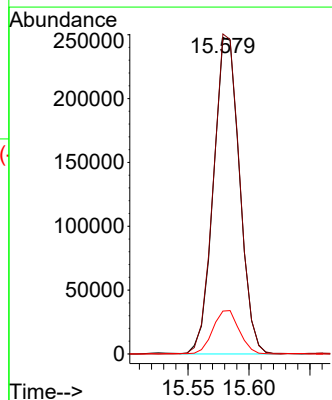
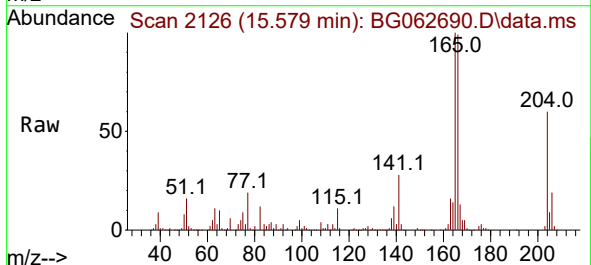
Instrument :
BNA_G
ClientSampleId :
SSTD020440

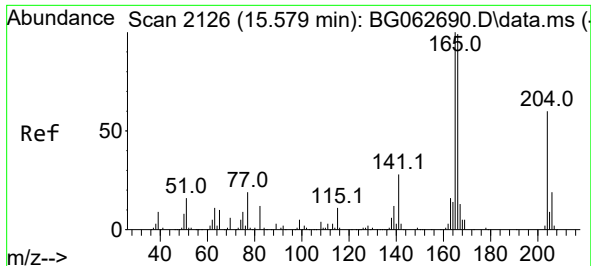
Tgt Ion:149 Resp: 388272
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.1 9.7 14.5



#61
Fluorene
Concen: 19.524 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:166 Resp: 368304
Ion Ratio Lower Upper
166 100
165 101.1 80.9 121.3
167 13.6 10.9 16.3

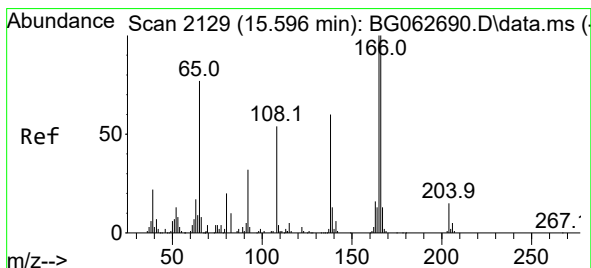
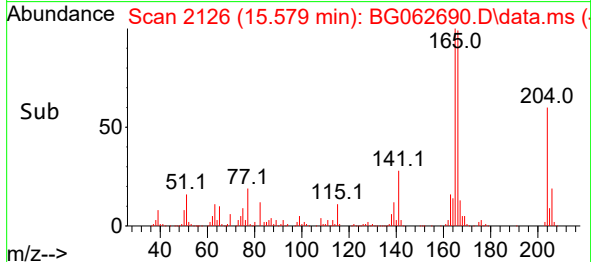
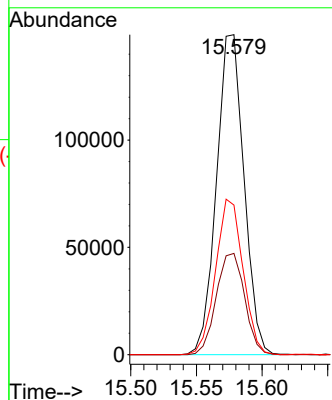
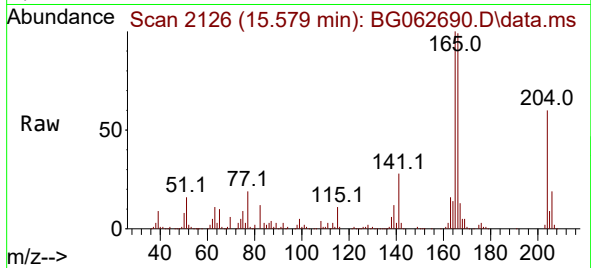




#62
4-Chlorophenyl-phenylether
Concen: 19.638 ng/ul
RT: 15.579 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

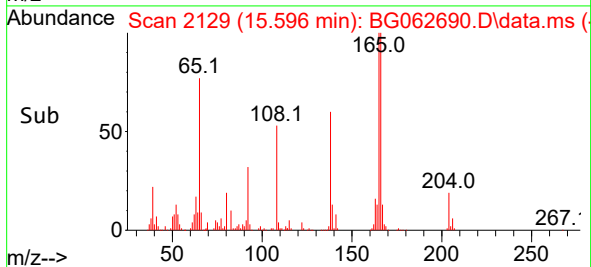
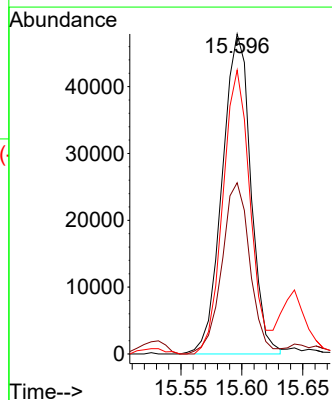
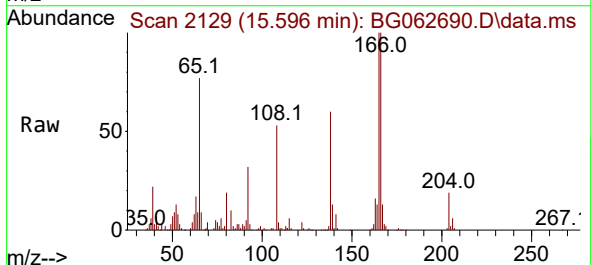
Instrument :
BNA_G
ClientSampleId :
SSTD020440

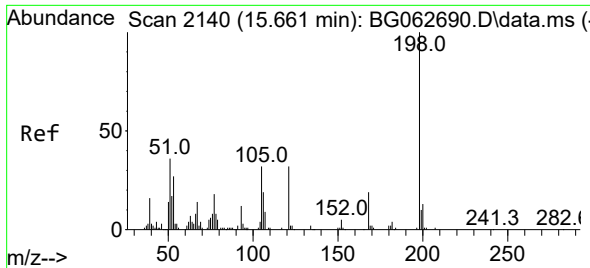
Tgt Ion:204 Resp: 217301
Ion Ratio Lower Upper
204 100
206 31.6 25.3 37.9
141 46.7 37.4 56.0



#63
4-Nitroaniline
Concen: 20.547 ng/ul
RT: 15.596 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:138 Resp: 78171
Ion Ratio Lower Upper
138 100
92 53.5 42.8 64.2
108 88.7 71.0 106.4

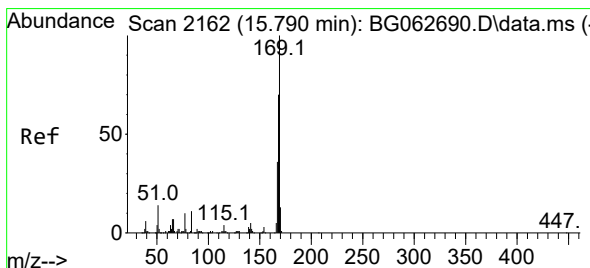
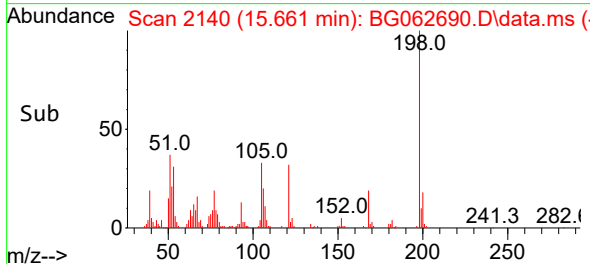
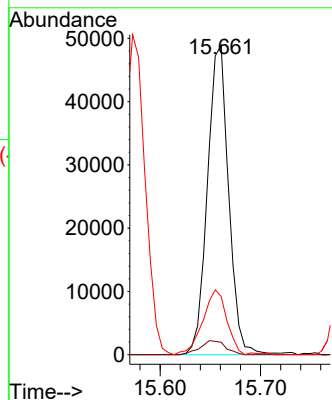
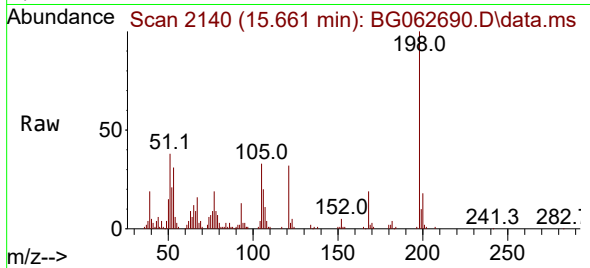




#66
4,6-Dinitro-2-methylphenol
Concen: 18.534 ng/ul
RT: 15.661 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

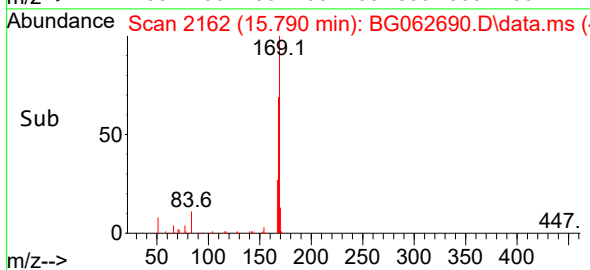
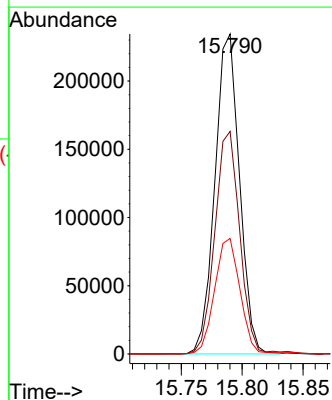
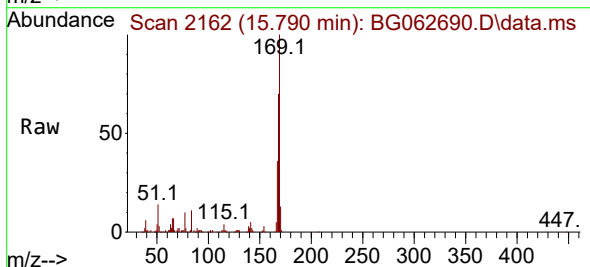
Instrument :
BNA_G
ClientSampleId :
SSTD020440

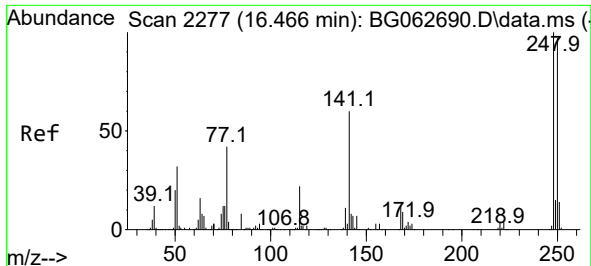
Tgt Ion:198 Resp: 71910
Ion Ratio Lower Upper
198 100
182 4.1 3.3 4.9
77 18.8 15.0 22.6



#67
N-Nitrosodiphenylamine
Concen: 19.721 ng/ul
RT: 15.790 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:169 Resp: 329111
Ion Ratio Lower Upper
169 100
168 69.6 55.7 83.5
167 36.1 28.9 43.3

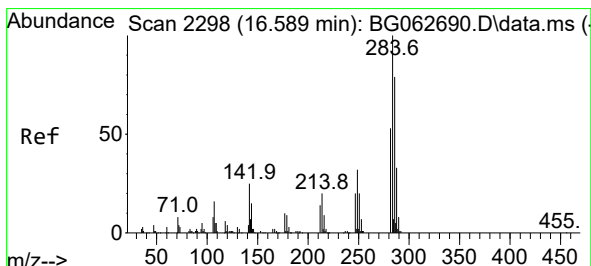
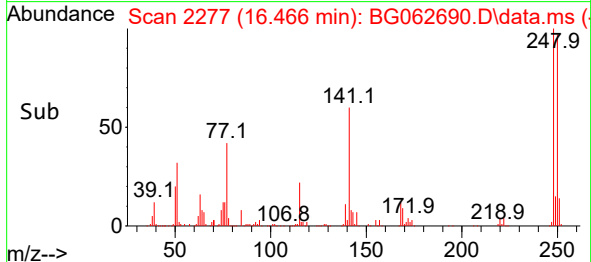
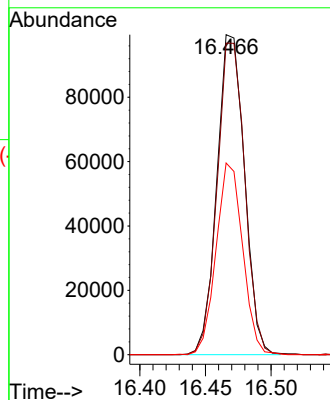
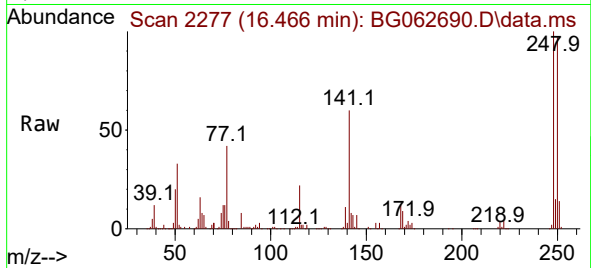




#68
4-Bromophenyl-phenylether
Concen: 19.402 ng/ul
RT: 16.466 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

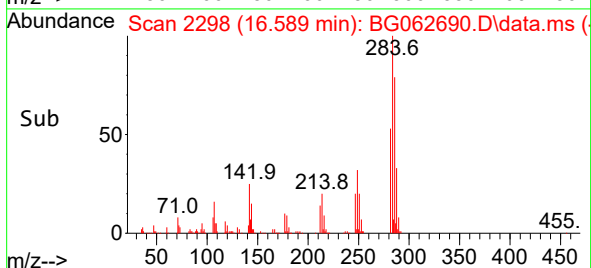
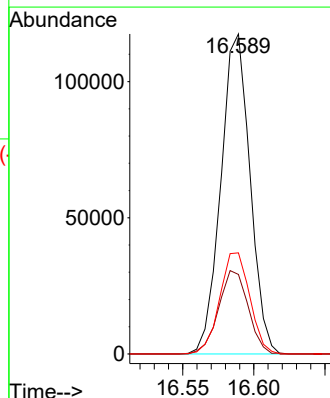
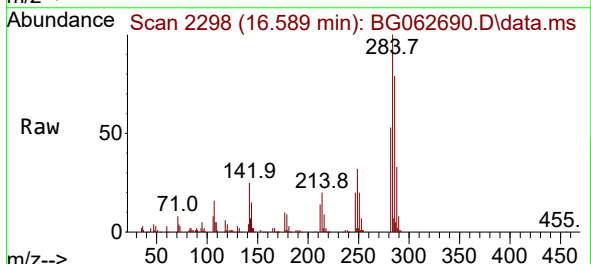
Instrument :
BNA_G
ClientSampleId :
SSTD020440

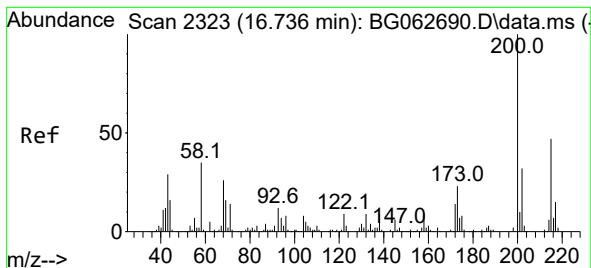
Tgt Ion:248 Resp: 145276
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 59.9 47.9 71.9



#69
Hexachlorobenzene
Concen: 19.619 ng/ul
RT: 16.589 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:284 Resp: 167727
Ion Ratio Lower Upper
284 100
142 23.2 18.6 27.8
249 29.6 23.7 35.5





#70

Atrazine

Concen: 19.667 ng/ul

RT: 16.736 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

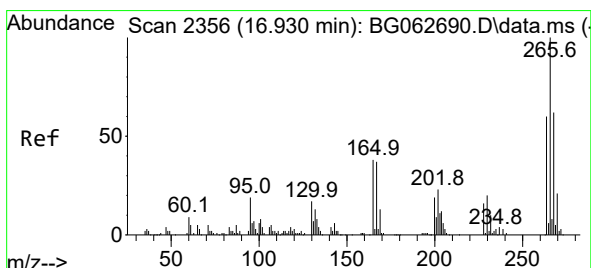
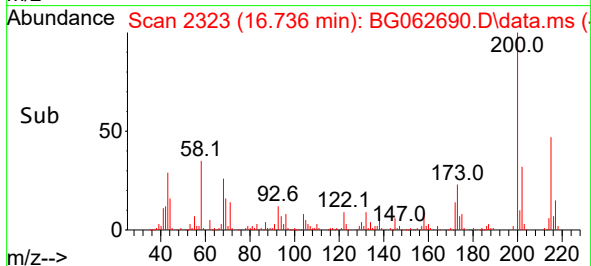
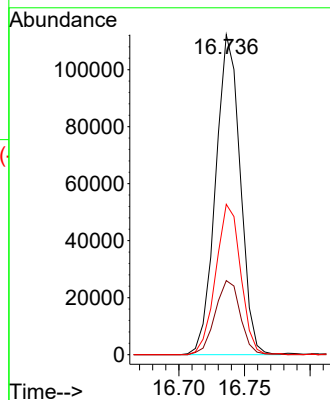
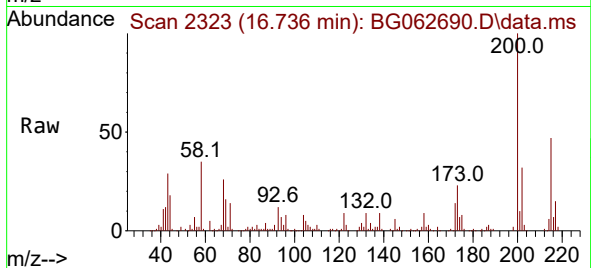
Tgt Ion:200 Resp: 146174

Ion Ratio Lower Upper

200 100

173 23.2 18.6 27.8

215 47.0 37.6 56.4



#71

Pentachlorophenol

Concen: 18.270 ng/ul

RT: 16.930 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

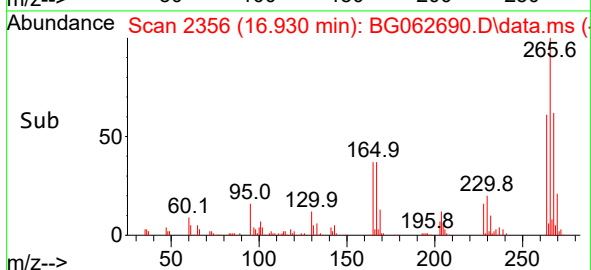
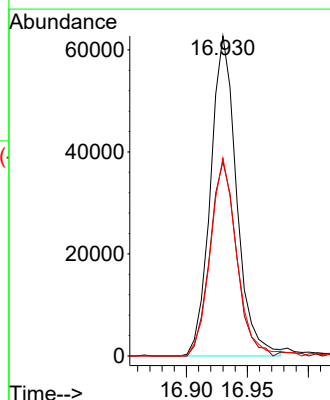
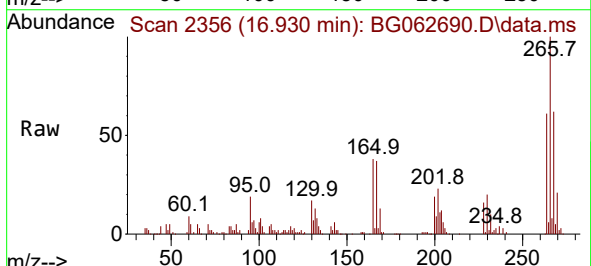
Tgt Ion:266 Resp: 93426

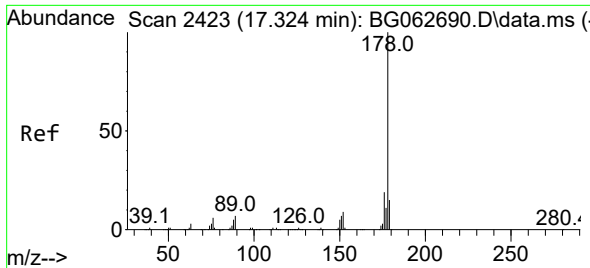
Ion Ratio Lower Upper

266 100

264 60.7 48.6 72.8

268 67.0 49.5 74.3

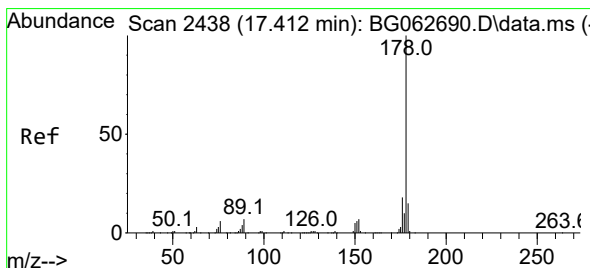
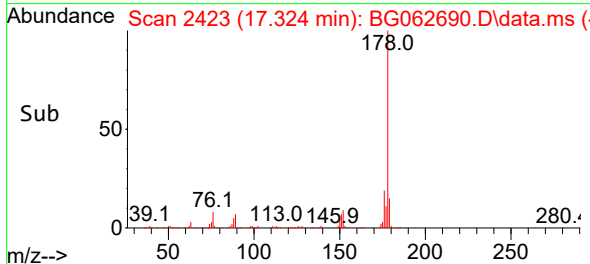
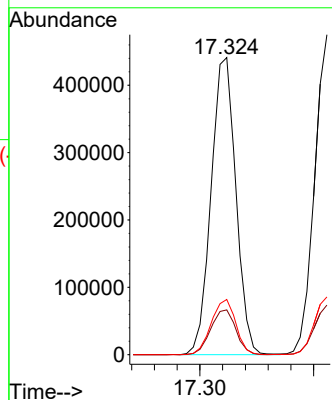
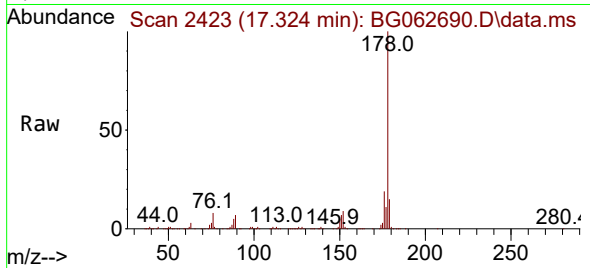




#72
Phenanthrene
Concen: 19.703 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

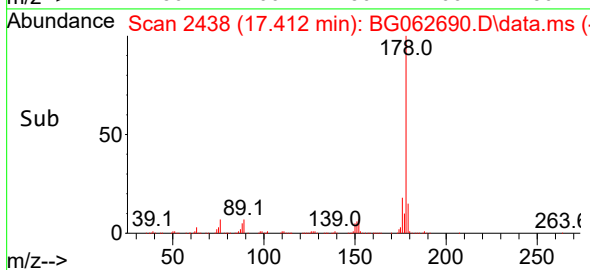
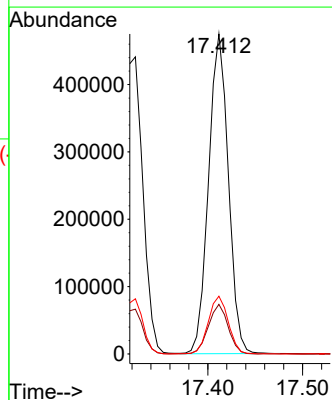
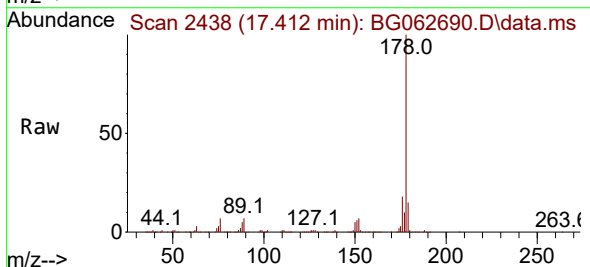
Instrument :
BNA_G
ClientSampleId :
SSTD020440

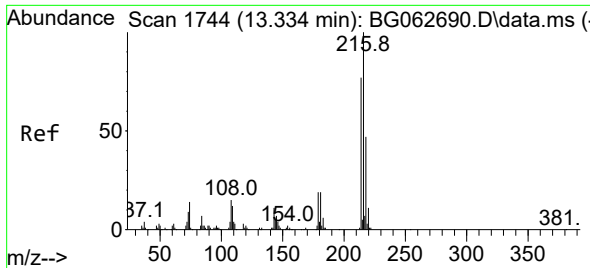
Tgt Ion:178 Resp: 666733
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.6 14.9 22.3



#74
Anthracene
Concen: 19.879 ng/ul
RT: 17.412 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:178 Resp: 685765
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.0 14.4 21.6

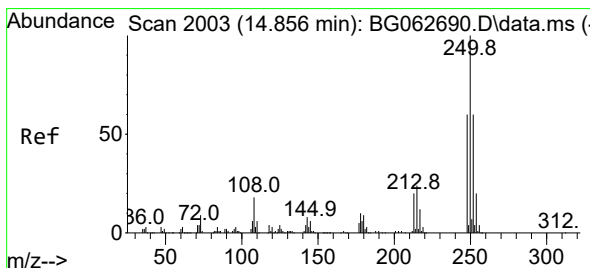
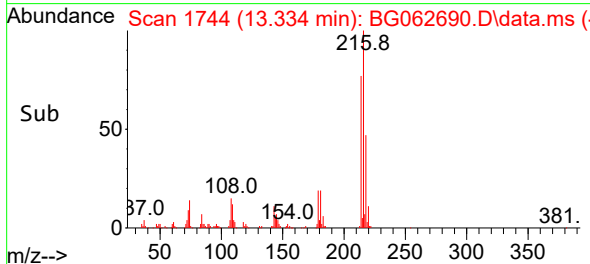
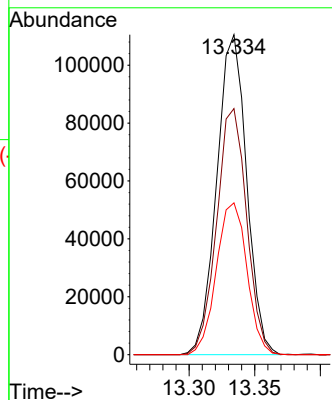
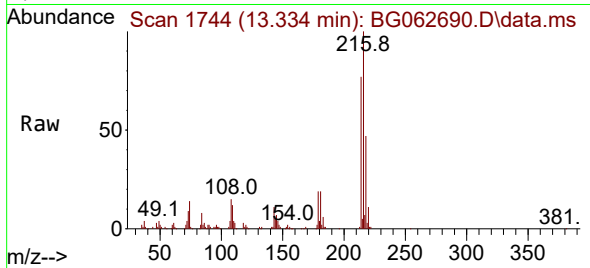




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.682 ng/ul
RT: 13.334 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

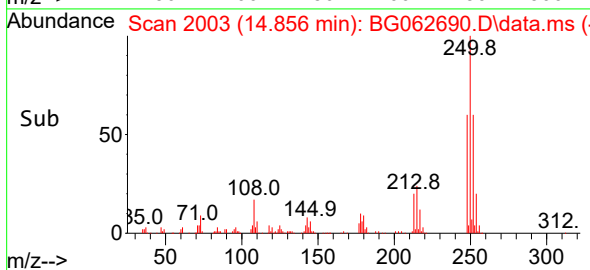
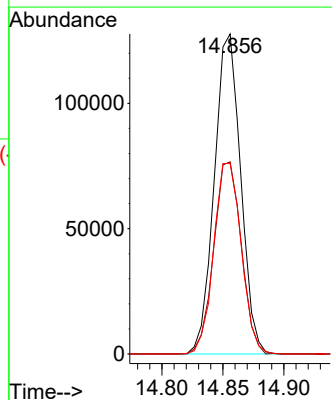
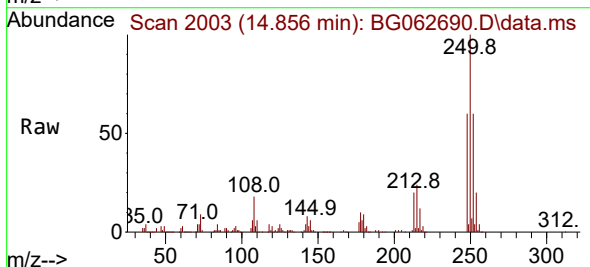
Instrument :
BNA_G
ClientSampleId :
SSTD020440

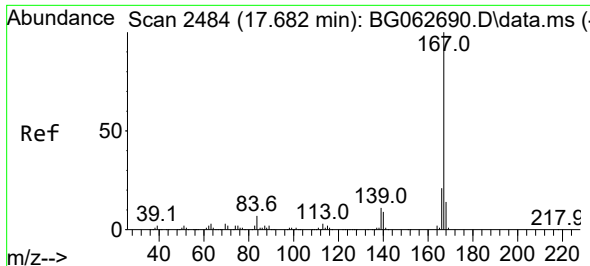
Tgt Ion:216 Resp: 174903
Ion Ratio Lower Upper
216 100
214 76.9 61.5 92.3
218 47.5 38.0 57.0



#76
Pentachlorobenzene
Concen: 19.515 ng/ul
RT: 14.856 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:250 Resp: 192166
Ion Ratio Lower Upper
250 100
248 64.4 51.5 77.3
252 63.5 50.8 76.2

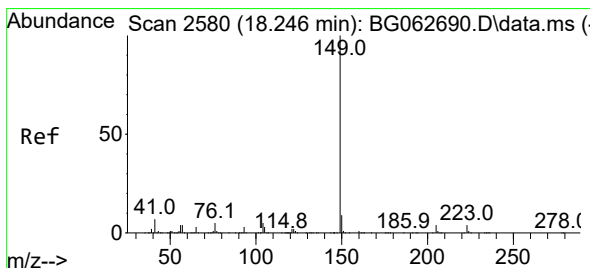
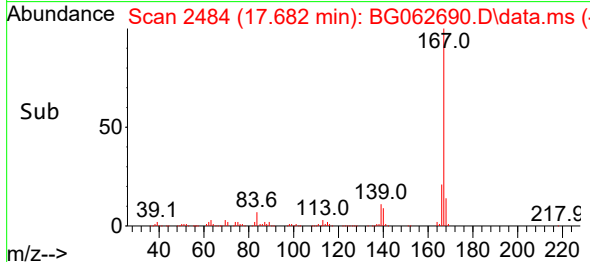
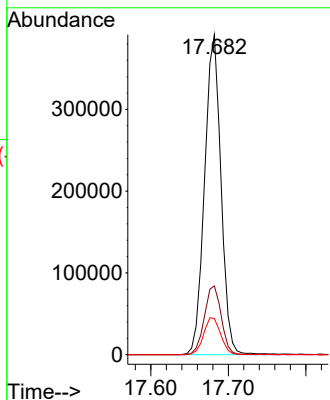
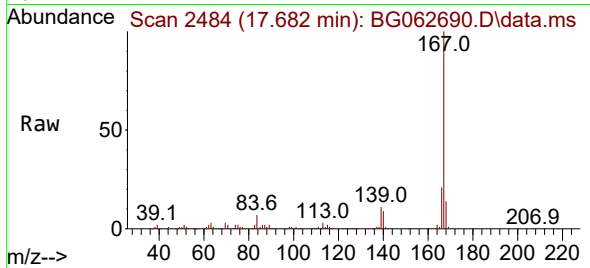




#77
 Carbazole
 Concen: 20.095 ng/ul
 RT: 17.682 min Scan# 2484
 Delta R.T. 0.000 min
 Lab File: BG062690.D
 Acq: 9 Sep 2024 15:44

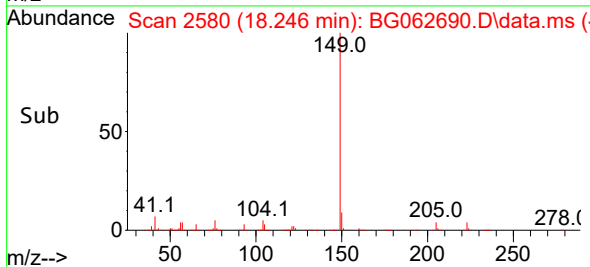
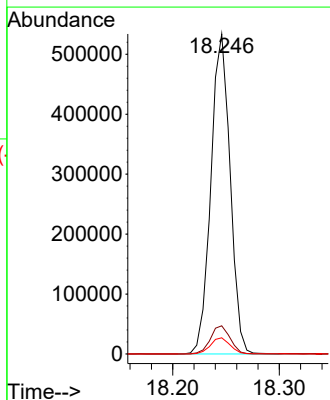
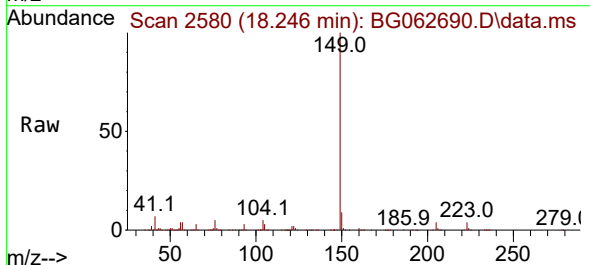
Instrument :
 BNA_G
 ClientSampleId :
 SST020440

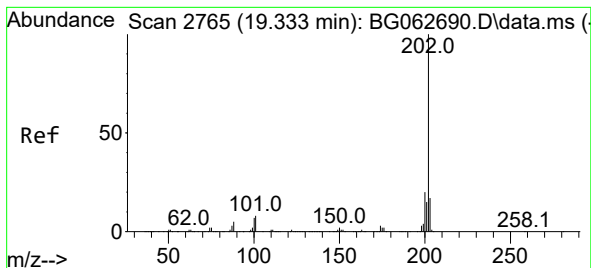
Tgt Ion:167 Resp: 574878
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 11.3 9.0 13.6



#78
 Di-n-butylphthalate
 Concen: 19.748 ng/ul
 RT: 18.246 min Scan# 2580
 Delta R.T. 0.000 min
 Lab File: BG062690.D
 Acq: 9 Sep 2024 15:44

Tgt Ion:149 Resp: 668124
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.0 10.6
 104 5.1 4.1 6.1





#80

Fluoranthene

Concen: 20.364 ng/u1

RT: 19.333 min Scan# 2765

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

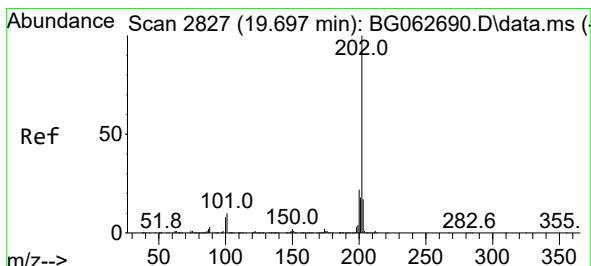
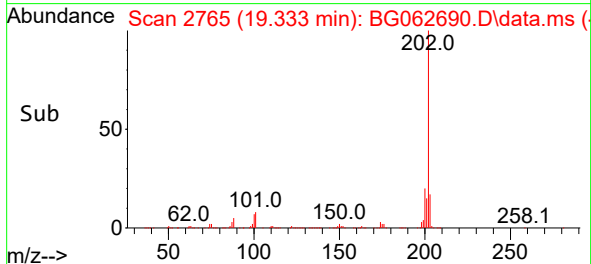
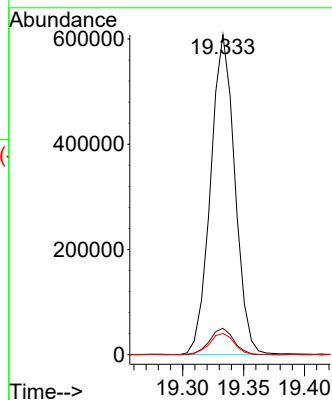
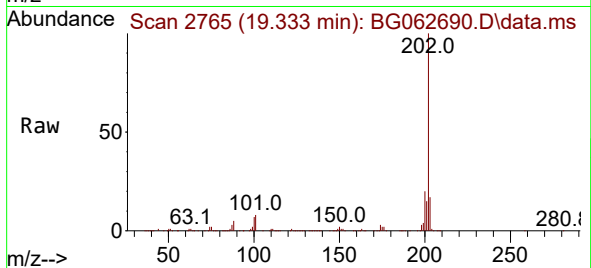
Tgt Ion:202 Resp: 842046

Ion Ratio Lower Upper

202 100

101 8.3 6.6 10.0

100 6.6 5.3 7.9



#82

Pyrene

Concen: 20.314 ng/u1

RT: 19.697 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

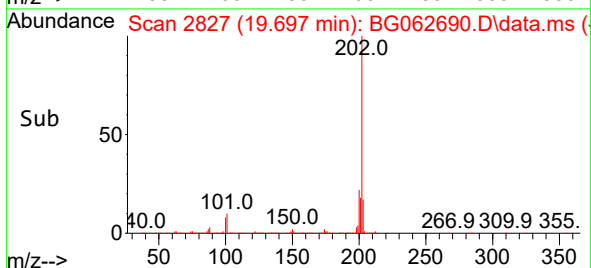
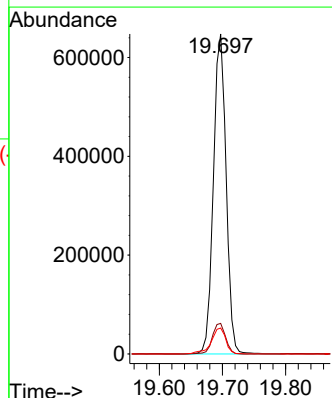
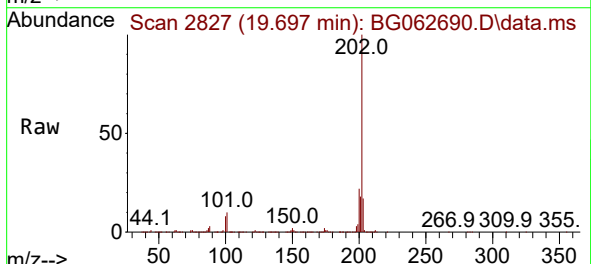
Tgt Ion:202 Resp: 904194

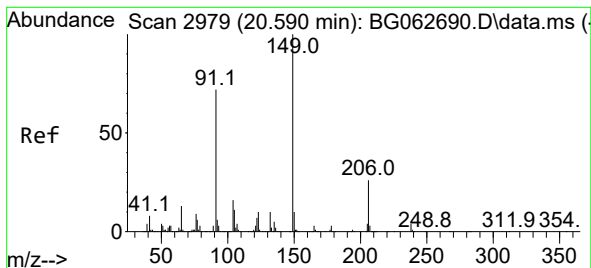
Ion Ratio Lower Upper

202 100

101 9.6 7.7 11.5

100 8.1 6.5 9.7





#83

Butylbenzylphthalate

Concen: 19.653 ng/ul

RT: 20.590 min Scan# 2979

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

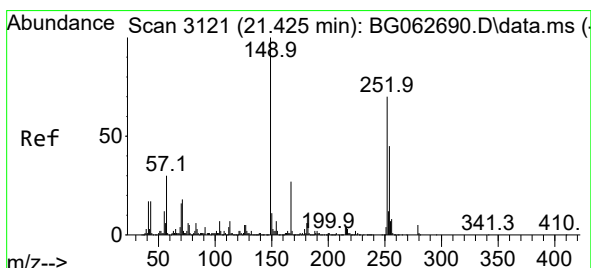
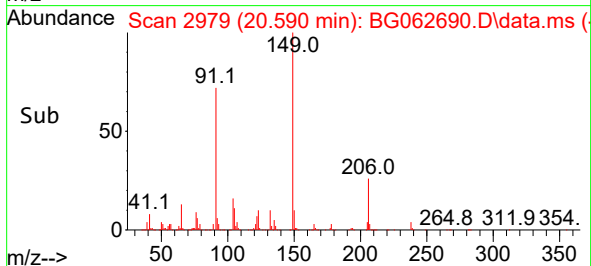
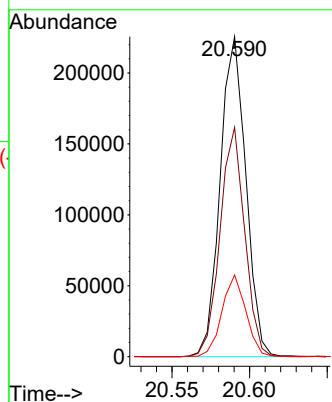
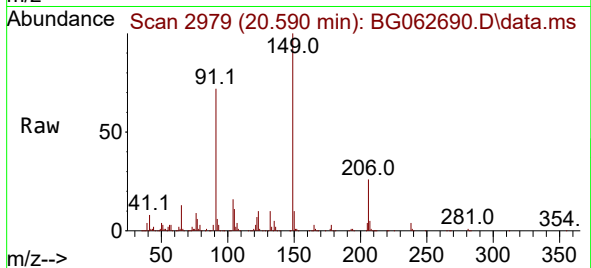
Tgt Ion:149 Resp: 259689

Ion Ratio Lower Upper

149 100

91 71.6 57.3 85.9

206 25.5 20.4 30.6



#84

3,3'-Dichlorobenzidine

Concen: 21.569 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

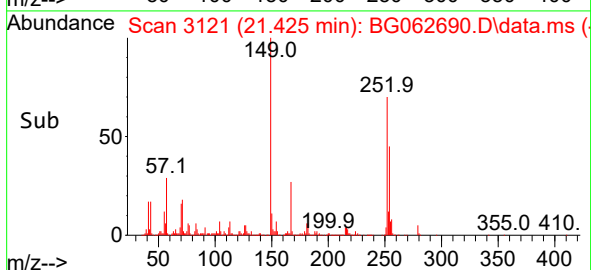
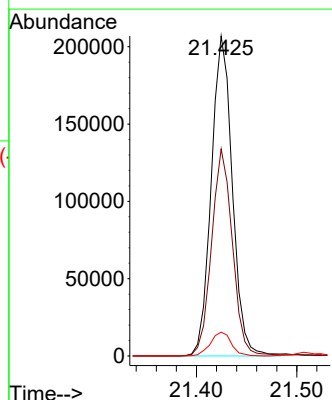
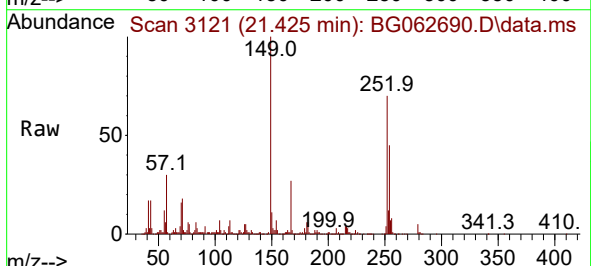
Tgt Ion:252 Resp: 301286

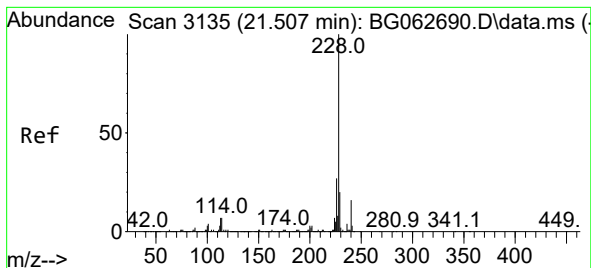
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 7.5 6.0 9.0





#85

Benzo(a)anthracene

Concen: 19.805 ng/ul

RT: 21.507 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

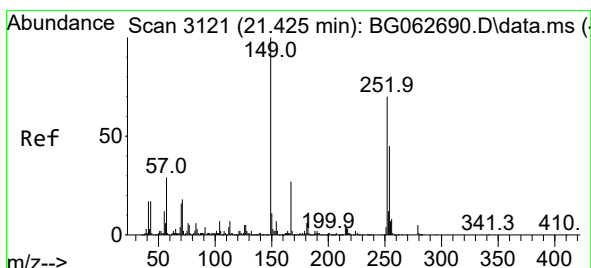
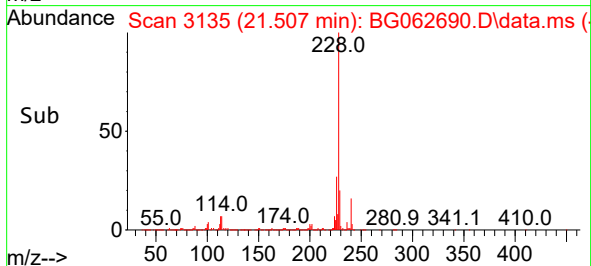
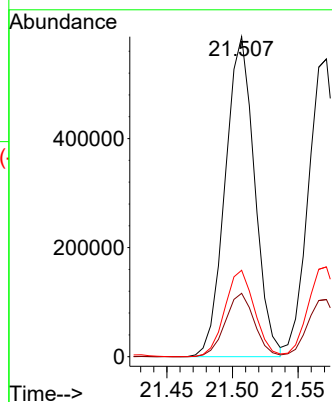
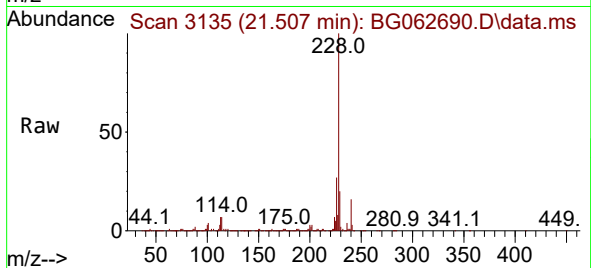
Tgt Ion:228 Resp: 913915

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.8

226 27.0 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.844 ng/ul

RT: 21.425 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

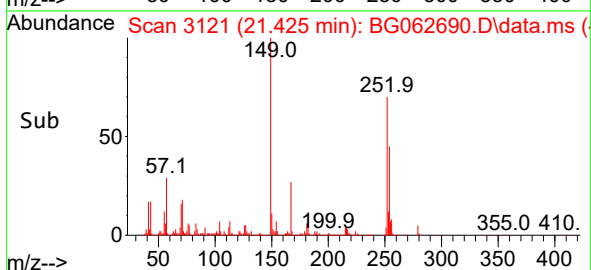
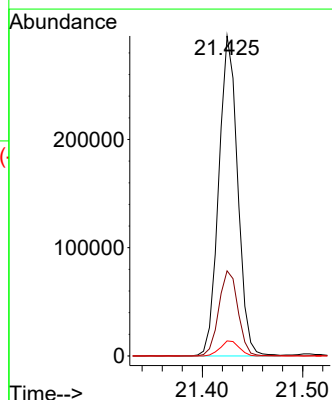
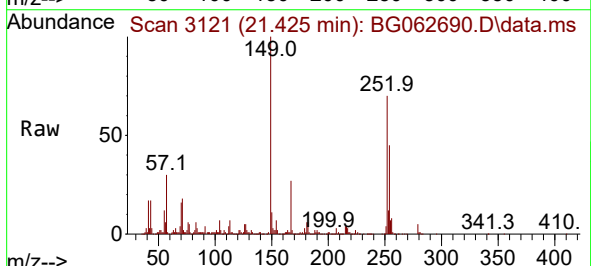
Tgt Ion:149 Resp: 386093

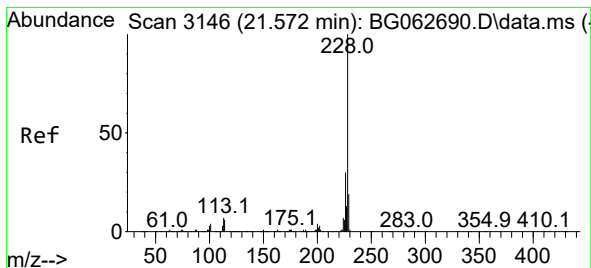
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 4.7 3.8 5.6





#87

Chrysene

Concen: 19.837 ng/ul

RT: 21.572 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

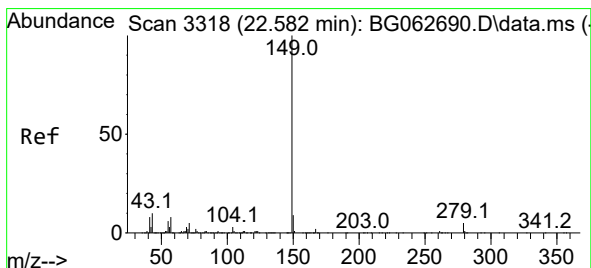
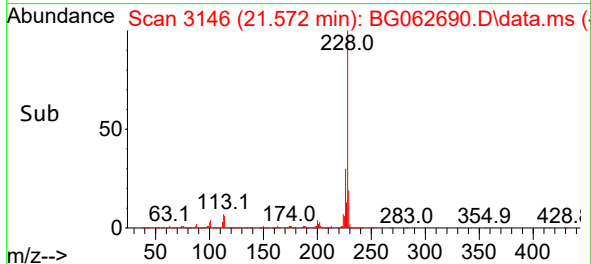
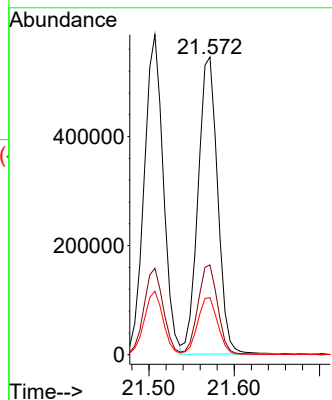
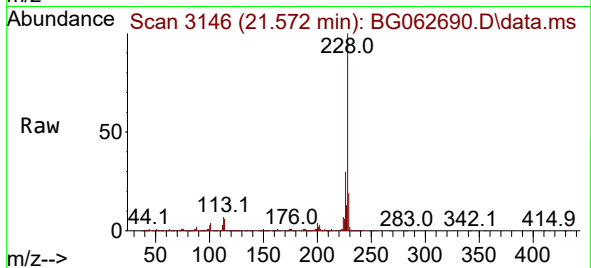
Tgt Ion:228 Resp: 868455

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.2 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 19.197 ng/ul

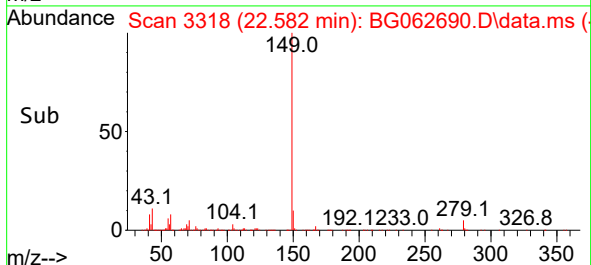
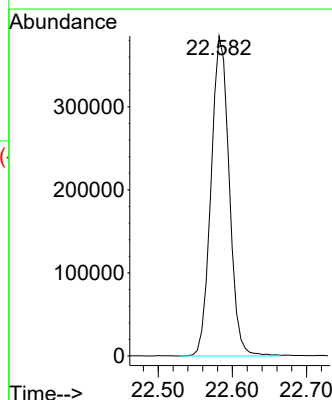
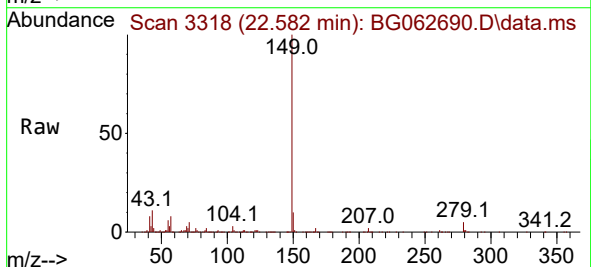
RT: 22.582 min Scan# 3318

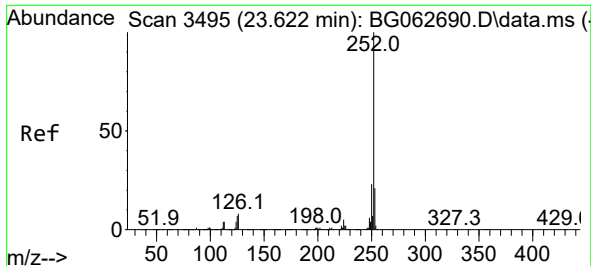
Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Tgt Ion:149 Resp: 654973

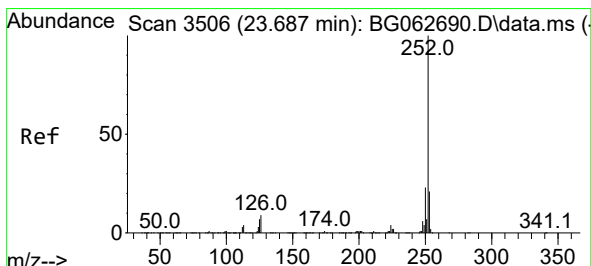
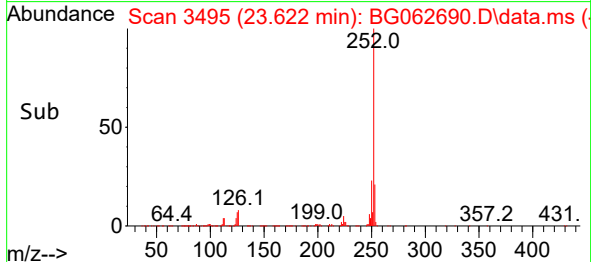
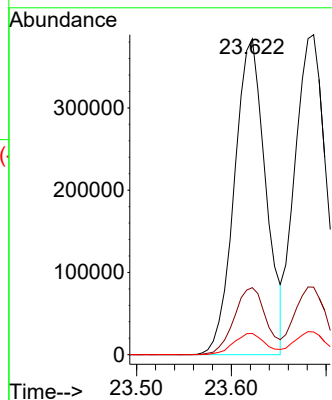
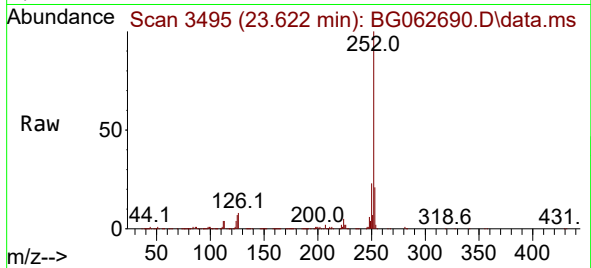




#90
Benzo(b)fluoranthene
Concen: 19.462 ng/ul
RT: 23.622 min Scan# 3495
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

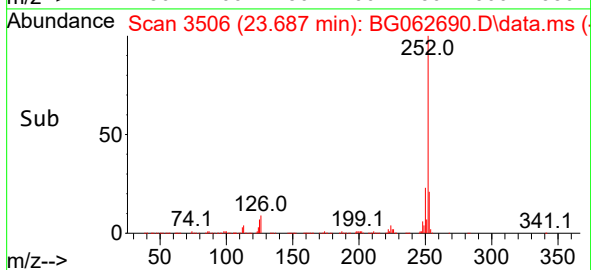
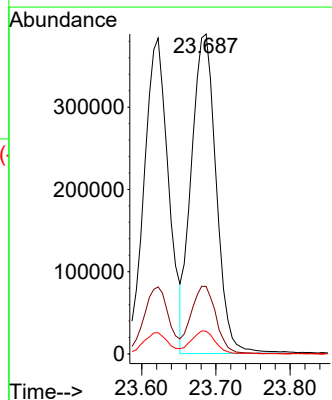
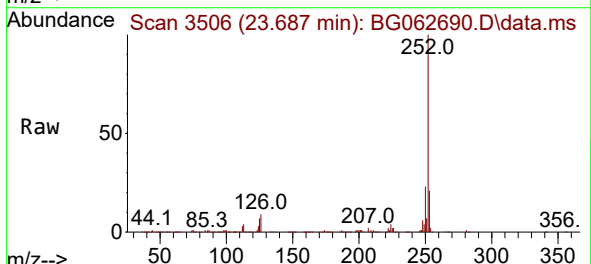
Instrument :
BNA_G
ClientSampleId :
SSTD020440

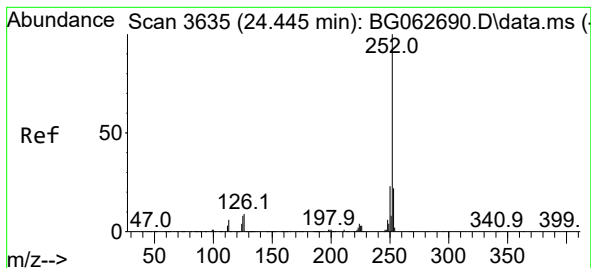
Tgt Ion:252 Resp: 881347
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 6.7 5.4 8.0



#91
Benzo(k)fluoranthene
Concen: 19.482 ng/ul
RT: 23.687 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BG062690.D
Acq: 9 Sep 2024 15:44

Tgt Ion:252 Resp: 903409
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 7.1 5.7 8.5





#93

Benzo(a)pyrene

Concen: 19.197 ng/ul

RT: 24.445 min Scan# 3635

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

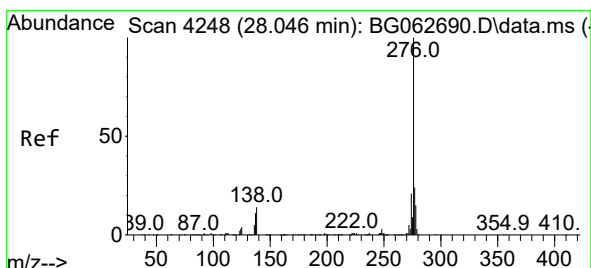
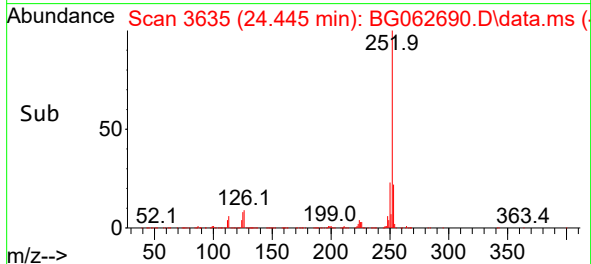
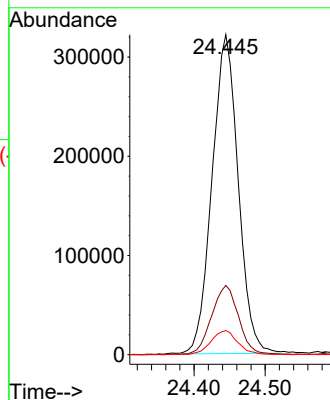
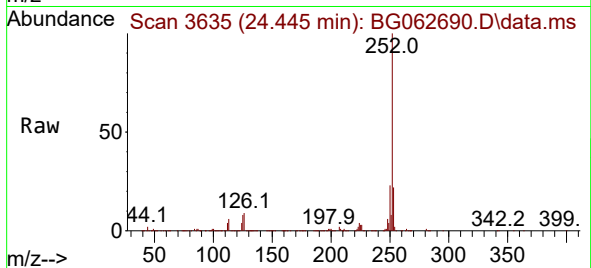
Tgt Ion:252 Resp: 819964

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 7.6 6.1 9.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.323 ng/ul

RT: 28.046 min Scan# 4248

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

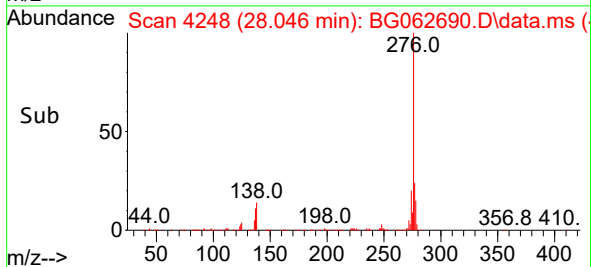
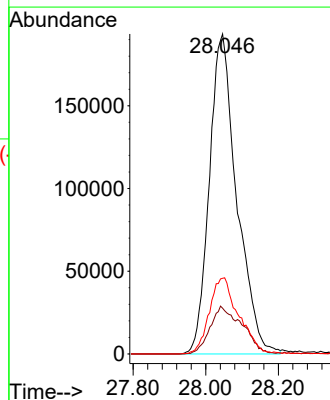
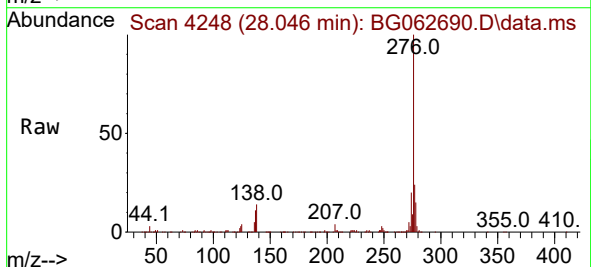
Tgt Ion:276 Resp: 1016934

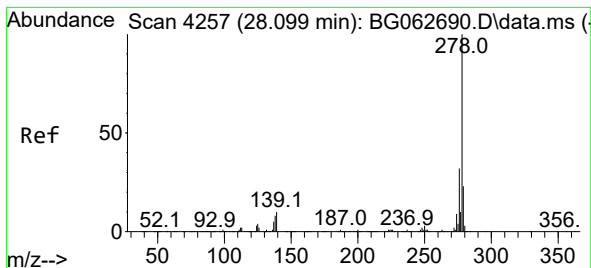
Ion Ratio Lower Upper

276 100

138 14.3 11.4 17.2

277 23.6 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 19.484 ng/ul

RT: 28.099 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Instrument :

BNA_G

ClientSampleId :

SSTD020440

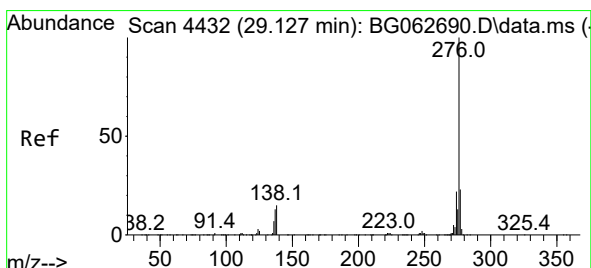
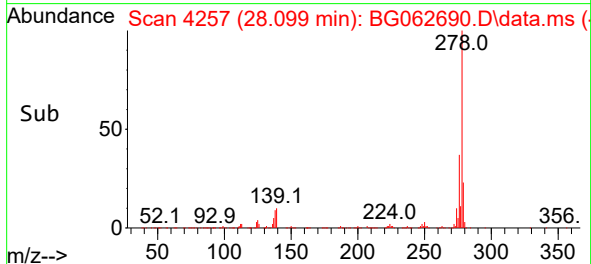
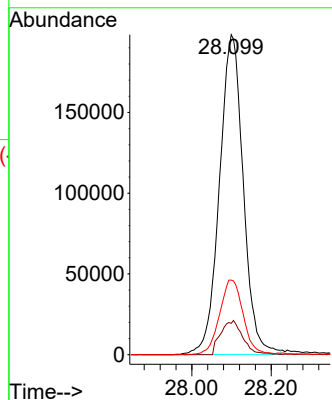
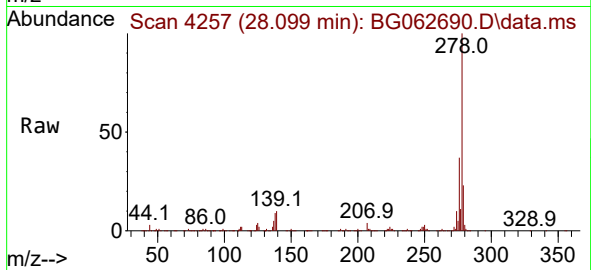
Tgt Ion:278 Resp: 823638

Ion Ratio Lower Upper

278 100

139 9.8 7.8 11.8

279 23.3 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 19.298 ng/ul

RT: 29.127 min Scan# 4432

Delta R.T. 0.000 min

Lab File: BG062690.D

Acq: 9 Sep 2024 15:44

Tgt Ion:276 Resp: 784369

Ion Ratio Lower Upper

276 100

138 14.7 11.8 17.6

277 23.0 18.4 27.6

