

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062012.D
 Acq On : 11 Jul 2024 16:16
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020567

Quant Time: Jul 12 00:06:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	48069	20.000	ng/ul	0.00
20) Naphthalene-d8	10.850	136	219651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	172918	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.413	188	444464	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.673	240	411252	20.000	ng/ul	0.00
88) Perylene-d12	24.875	264	478575	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	9737	7.612	ng/uL	0.00
4) Pyridine-d5	3.858	84	77056	19.591	ng/ul	0.00
7) Phenol-d5	7.196	99	90464	17.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	55558	16.678	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	69306	19.207	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	74619	18.016	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	29668	17.760	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	41576	21.794	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.468	165	81211	22.071	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	108397	20.291	ng/ul	0.00
46) Dimethylphthalate-d6	14.070	166	265213	18.656	ng/ul	0.00
49) Acenaphthylene-d8	14.364	160	290790	19.562	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	43322	19.082	ng/ul	0.00
60) Fluorene-d10	15.662	176	235432	19.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	43323	18.560	ng/ul	0.00
73) Anthracene-d10	17.513	188	388744	18.733	ng/ul	0.00
81) Pyrene-d10	19.793	212	448219	18.530	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	468762	19.750	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	9518	6.741	ng/uL	98
5) Pyridine	3.876	79	79898	19.808	ng/ul	94
6) Benzaldehyde	7.178	77	59306	21.301	ng/ul	95
8) Phenol	7.225	94	92090	17.099	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.460	93	69718	16.851	ng/ul	93
12) 2-Chlorophenol	7.601	128	66802	18.171	ng/ul	91
13) 2-Methylphenol	8.482	108	69592	18.104	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.559	45	154628	17.106	ng/ul#	97
16) Acetophenone	8.864	105	125058	18.279	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.841	70	67941	17.738	ng/ul	98
18) 4-Methylphenol	8.811	108	76914	17.867	ng/ul	100
19) Hexachloroethane	9.123	117	31798	19.939	ng/ul#	63
22) Nitrobenzene	9.252	77	101078	21.316	ng/ul	98
23) Isophorone	9.769	82	192414	17.961	ng/ul#	96
25) 2-Nitrophenol	9.963	139	41579	21.372	ng/ul	96
26) 2,4-Dimethylphenol	10.016	107	97931	21.033	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.251	93	103250	17.501	ng/ul#	97
29) 2,4-Dichlorophenol	10.492	162	70194	20.308	ng/ul	98
30) Naphthalene	10.903	128	240826	19.960	ng/ul	99
32) 4-Chloroaniline	11.009	127	102844	19.619	ng/ul	99
33) Hexachlorobutadiene	11.173	225	58911	22.649	ng/ul#	84
35) 4-Chloro-3-methylphenol	12.131	107	96438	20.949	ng/ul	98
36) 2-Methylnaphthalene	12.501	142	171808	19.655	ng/ul	96
37) 1-Methylnaphthalene	12.724	142	182989	20.145	ng/ul	94

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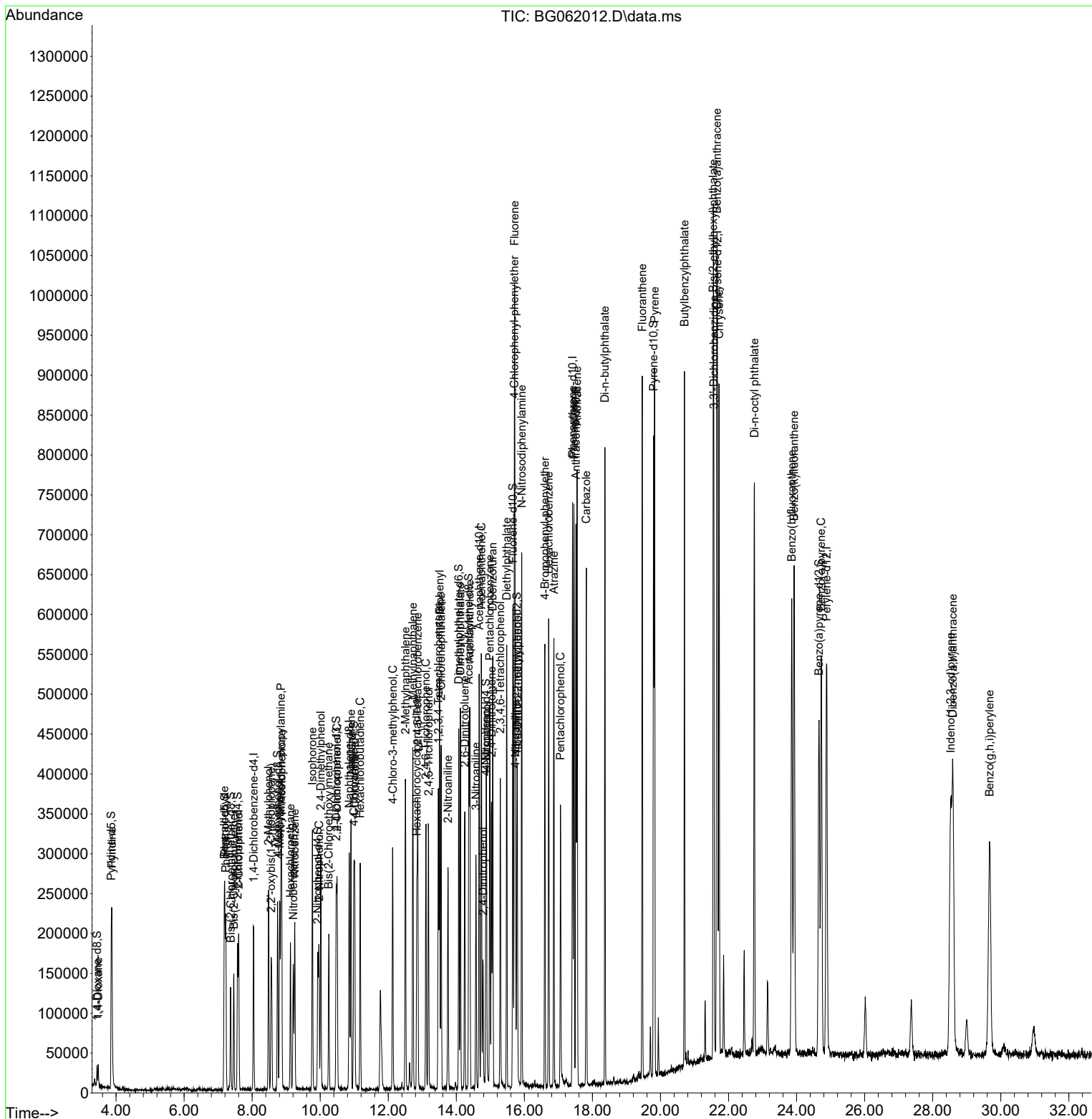
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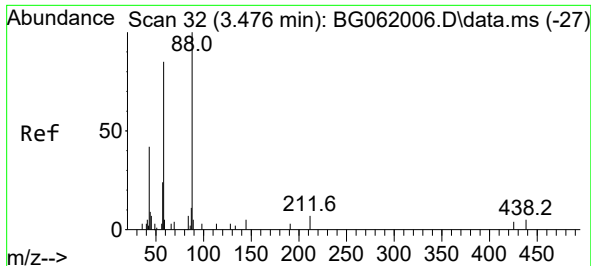
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.865	216	101505	19.547	ng/ul	97
40) Hexachlorocyclopentadiene	12.836	237	63488	18.366	ng/ul#	81
41) 2,4,6-Trichlorophenol	13.106	196	68883	19.972	ng/ul	99
42) 2,4,5-Trichlorophenol	13.183	196	74344	19.622	ng/ul	86
43) 1,1'-Biphenyl	13.506	154	243215	18.255	ng/ul	99
44) 2-Chloronaphthalene	13.553	162	191156	19.117	ng/ul	94
45) 2-Nitroaniline	13.753	65	82169	20.520	ng/ul	92
47) Dimethylphthalate	14.123	163	259165	18.953	ng/ul	99
48) 2,6-Dinitrotoluene	14.246	165	51076	19.690	ng/ul	93
50) Acenaphthylene	14.393	152	313224	19.199	ng/ul	97
51) 3-Nitroaniline	14.575	138	50795	20.117	ng/ul	90
52) Acenaphthene	14.734	153	219802	19.511	ng/ul	96
53) 2,4-Dinitrophenol	14.781	184	26295	19.403	ng/ul	89
55) 4-Nitrophenol	14.887	109	53858	20.786	ng/ul	93
56) Dibenzofuran	15.069	168	299966	18.839	ng/ul	92
57) 2,4-Dinitrotoluene	15.033	165	80732	21.222	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.292	232	68819	20.115	ng/ul	98
59) Diethylphthalate	15.480	149	287438	19.507	ng/ul	96
61) Fluorene	15.715	166	269332	19.891	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.703	204	135548	19.929	ng/ul	91
63) 4-Nitroaniline	15.738	138	52684	20.562	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	15.791	198	47162	18.774	ng/ul#	84
67) N-Nitrosodiphenylamine	15.921	169	223267	18.394	ng/ul	95
68) 4-Bromophenyl-phenylether	16.602	248	96642	19.166	ng/ul	95
69) Hexachlorobenzene	16.714	284	116825	20.149	ng/ul	93
70) Atrazine	16.867	200	97539	20.356	ng/ul	97
71) Pentachlorophenol	17.060	266	59333	18.617	ng/ul	93
72) Phenanthrene	17.454	178	445017	18.989	ng/ul	99
74) Anthracene	17.548	178	461526	19.056	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.471	216	102086	18.493	ng/ul	92
76) Pentachlorobenzene	14.981	250	125614	19.951	ng/ul	96
77) Carbazole	17.818	167	394569	19.358	ng/ul	100
78) Di-n-butylphthalate	18.365	149	499392	19.083	ng/ul#	98
80) Fluoranthene	19.463	202	533652	18.642	ng/ul#	95
82) Pyrene	19.828	202	543356	18.375	ng/ul#	93
83) Butylbenzylphthalate	20.703	149	223948	18.045	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.567	252	205001	20.953	ng/ul	96
85) Benzo(a)anthracene	21.655	228	560687	18.830	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.549	149	330694	18.570	ng/ul	99
87) Chrysene	21.720	228	521875	18.722	ng/ul	98
89) Di-n-octyl phthalate	22.760	149	585264	20.017	ng/ul	100
90) Benzo(b)fluoranthene	23.852	252	594377	19.713	ng/ul	98
91) Benzo(k)fluoranthene	23.923	252	560339	18.636	ng/ul	95
93) Benzo(a)pyrene	24.722	252	552748	19.359	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.529	276	697900	19.127	ng/ul	95
95) Dibenzo(a,h)anthracene	28.588	278	599454	19.892	ng/ul	99
96) Benzo(g,h,i)perylene	29.669	276	555714	19.144	ng/ul	97

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

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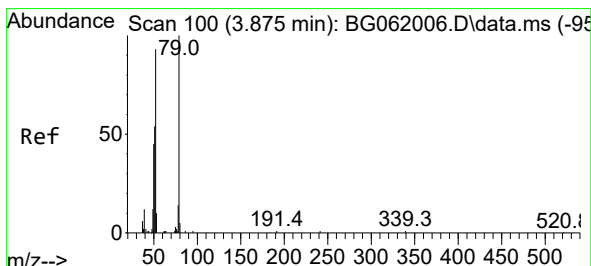
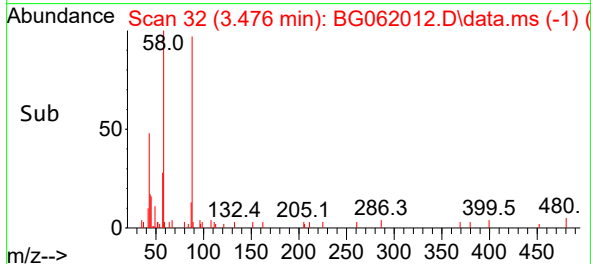
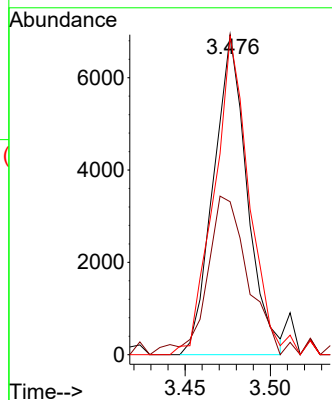
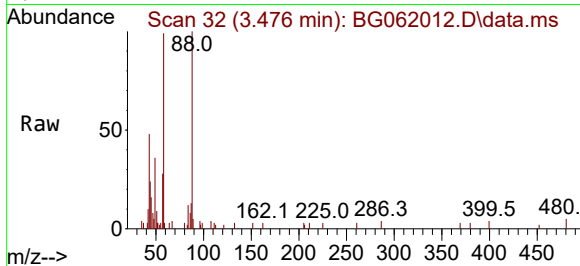




#2
1,4-Dioxane
Concen: 6.741 ng/uL
RT: 3.476 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

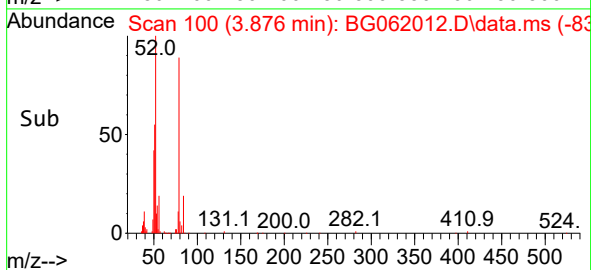
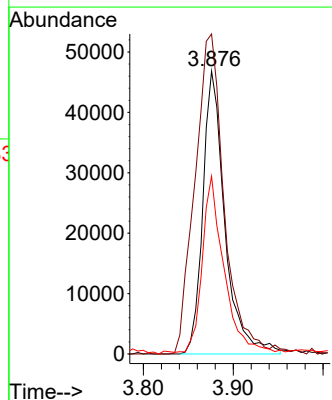
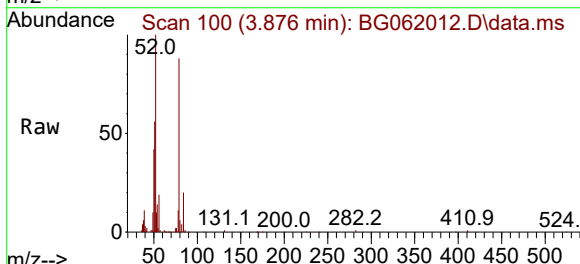
Instrument :
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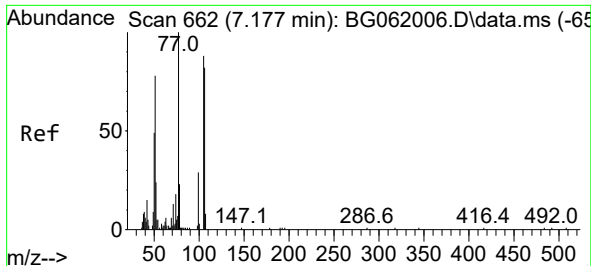
Tgt Ion: 88 Resp: 9518
Ion Ratio Lower Upper
88 100
43 47.8 39.4 59.2
58 99.5 78.1 117.1



#5
Pyridine
Concen: 19.808 ng/uL
RT: 3.876 min Scan# 100
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion: 79 Resp: 79898
Ion Ratio Lower Upper
79 100
52 113.1 86.0 129.0
51 62.8 46.4 69.6

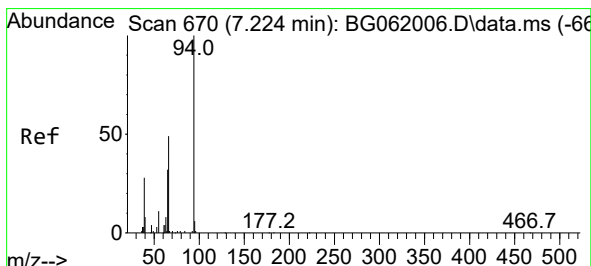
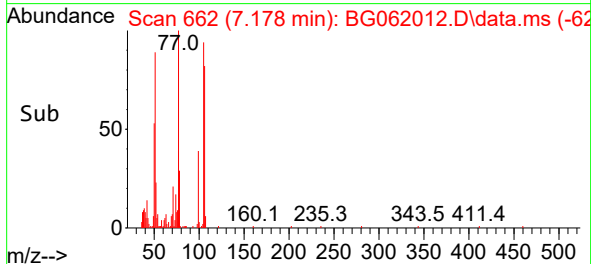
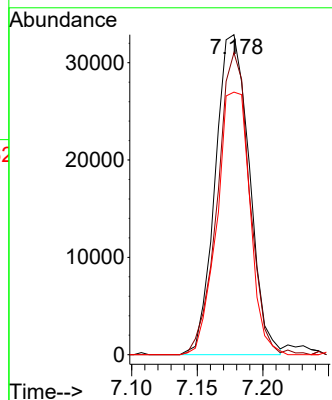
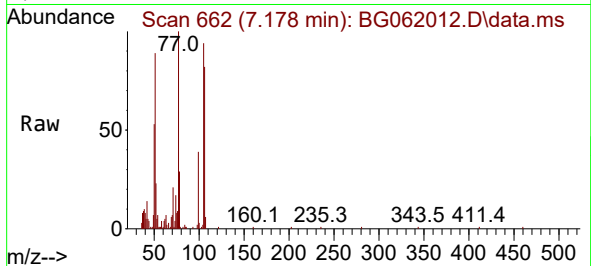




#6
Benzaldehyde
Concen: 21.301 ng/ul
RT: 7.178 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

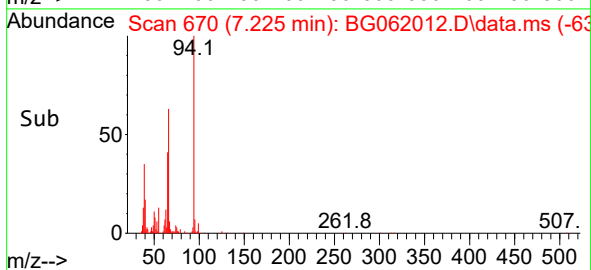
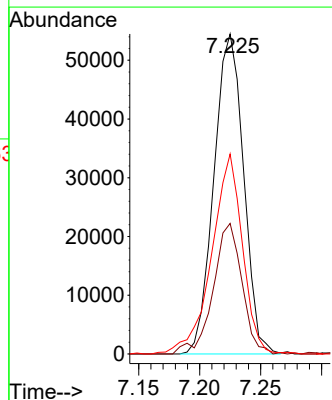
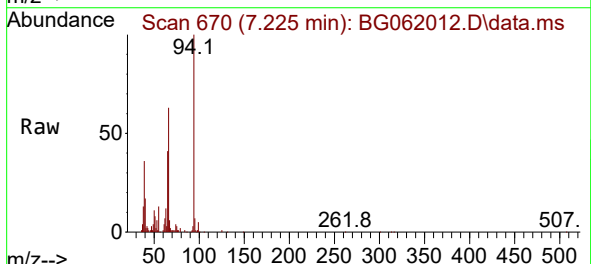
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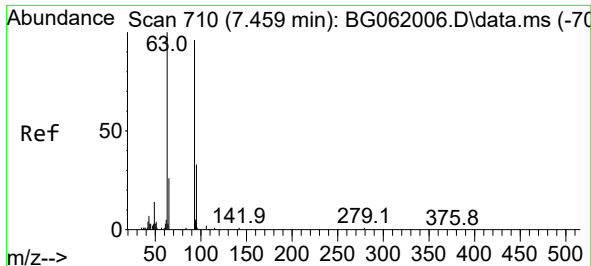
Tgt Ion: 77 Resp: 59306
Ion Ratio Lower Upper
77 100
105 94.4 79.6 119.4
106 82.0 62.6 93.8



#8
Phenol
Concen: 17.099 ng/ul
RT: 7.225 min Scan# 670
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion: 94 Resp: 92090
Ion Ratio Lower Upper
94 100
65 40.8 29.0 43.4
66 62.5 37.4 56.2#

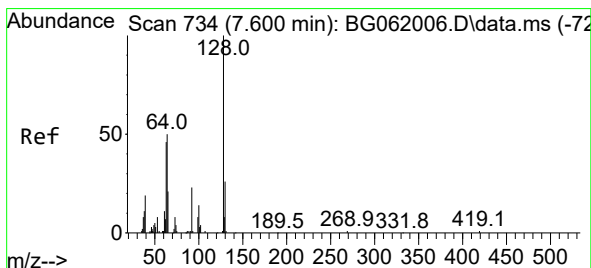
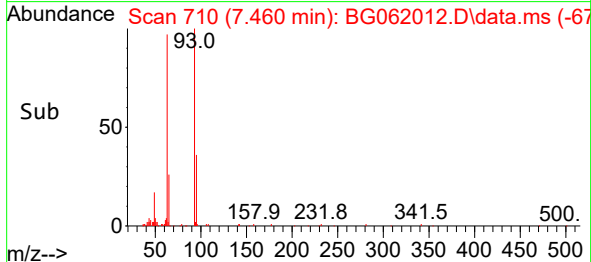
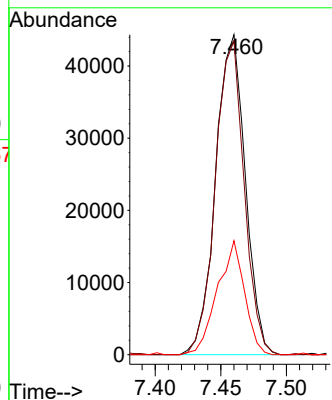
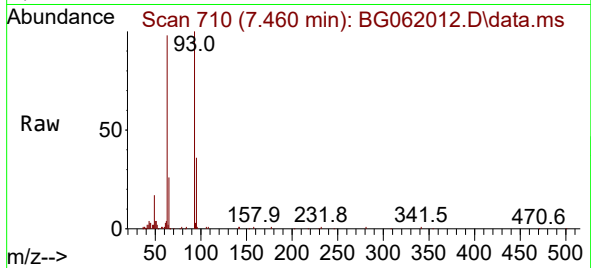




#10
Bis(2-Chloroethyl)ether
Concen: 16.851 ng/ul
RT: 7.460 min Scan# 710
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

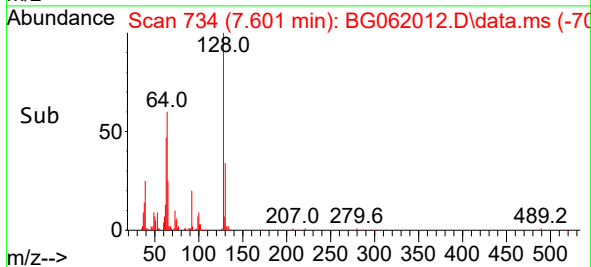
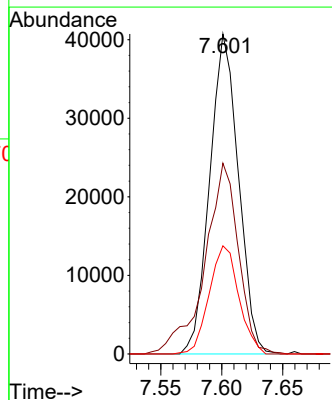
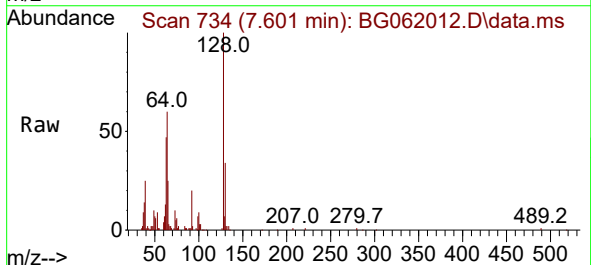
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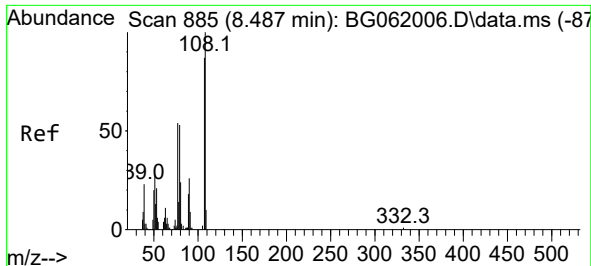
Tgt Ion: 93 Resp: 69718
Ion Ratio Lower Upper
93 100
63 98.1 72.2 108.2
95 35.6 26.7 40.1



#12
2-Chlorophenol
Concen: 18.171 ng/ul
RT: 7.601 min Scan# 734
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:128 Resp: 66802
Ion Ratio Lower Upper
128 100
64 59.6 42.6 63.8
130 33.8 23.3 34.9

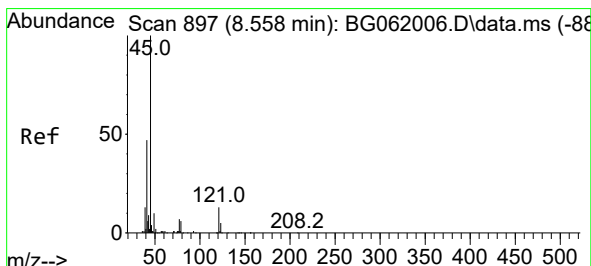
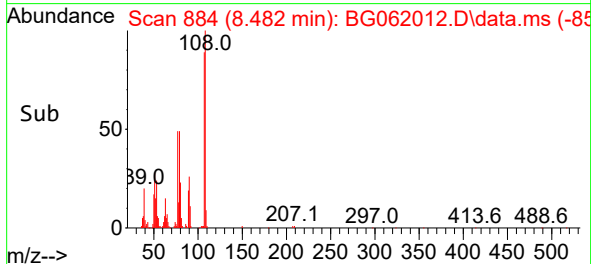
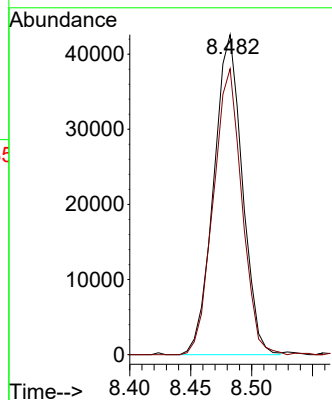
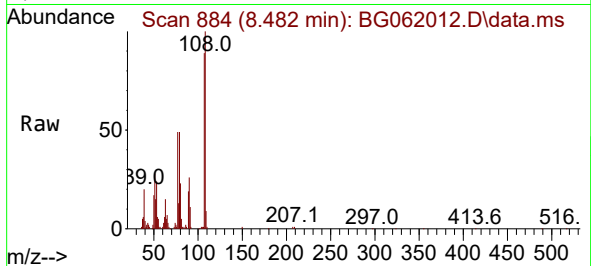




#13
2-Methylphenol
Concen: 18.104 ng/ul
RT: 8.482 min Scan# 884
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

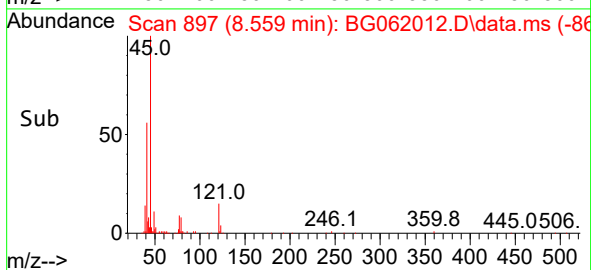
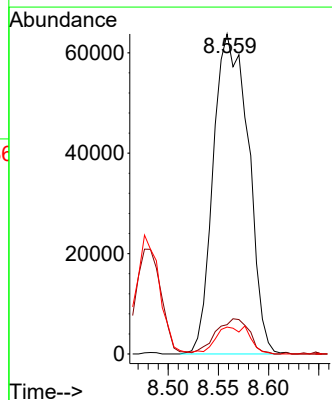
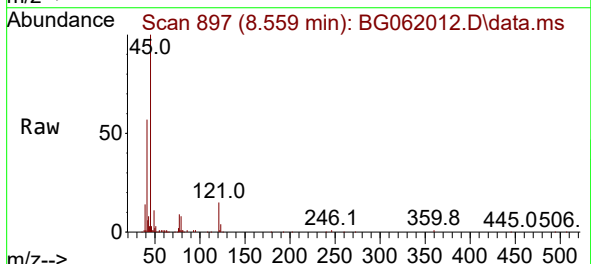
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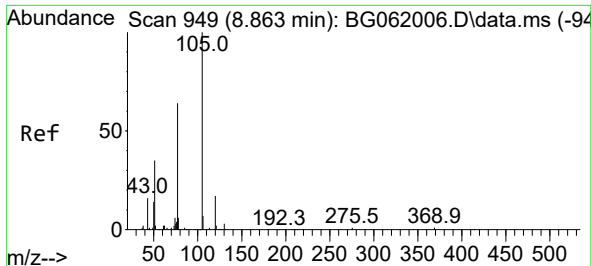
Tgt Ion:108 Resp: 69592
Ion Ratio Lower Upper
108 100
107 89.4 74.9 112.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.106 ng/ul
RT: 8.559 min Scan# 897
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion: 45 Resp: 154628
Ion Ratio Lower Upper
45 100
77 9.2 7.4 11.0
79 8.4 4.8 7.2#

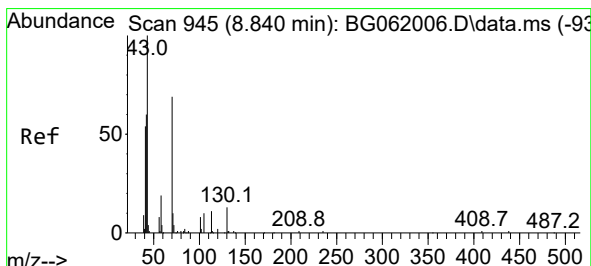
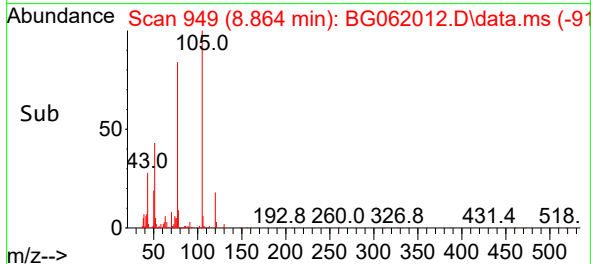
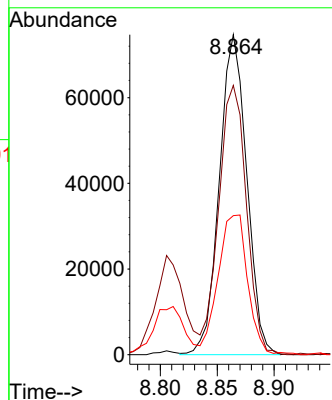
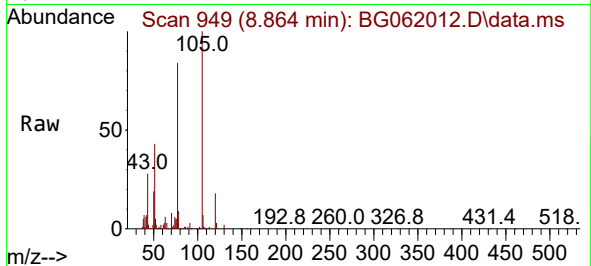




#16
Acetophenone
Concen: 18.279 ng/ul
RT: 8.864 min Scan# 949
Delta R.T. 0.001 min
Lab File: BG062012.D
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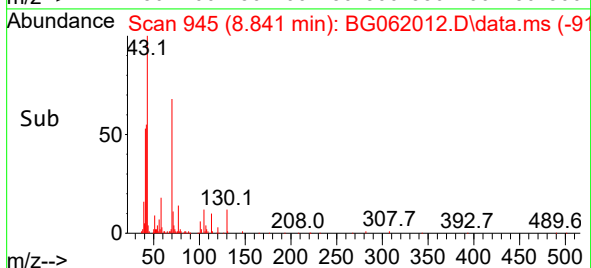
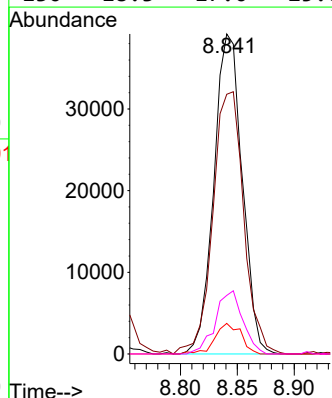
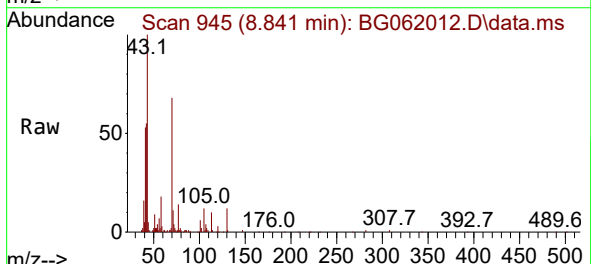
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SSTD020567

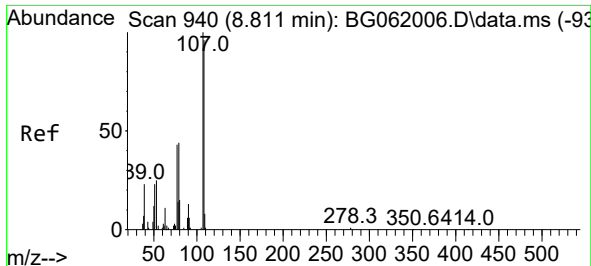
Tgt Ion:105 Resp: 125058
Ion Ratio Lower Upper
105 100
77 84.1 64.1 96.1
51 43.5 33.8 50.8



#17
N-Nitroso-di-n-propylamine
Concen: 17.738 ng/ul
RT: 8.841 min Scan# 945
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion: 70 Resp: 67941
Ion Ratio Lower Upper
70 100
42 81.1 64.7 97.1
101 9.6 7.3 10.9
130 18.3 17.0 25.6

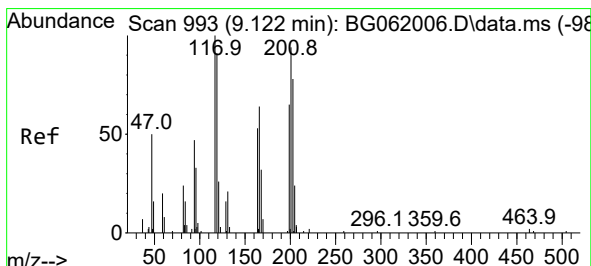
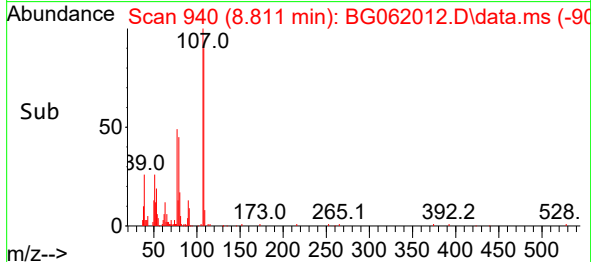
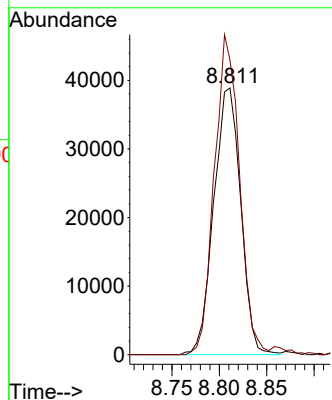
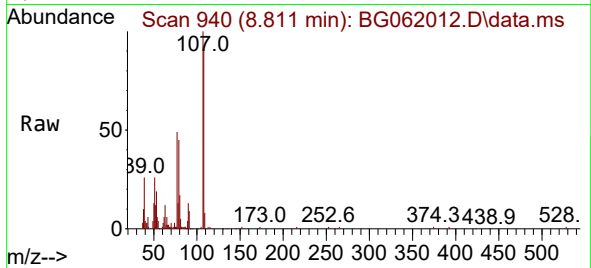




#18
4-Methylphenol
Concen: 17.867 ng/ul
RT: 8.811 min Scan# 940
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

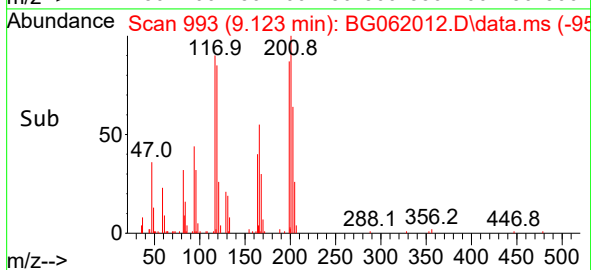
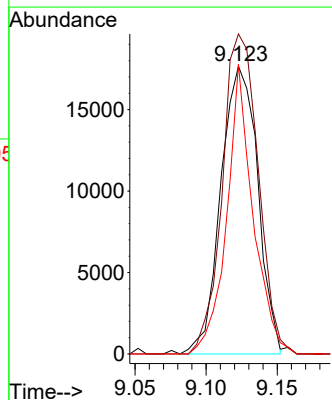
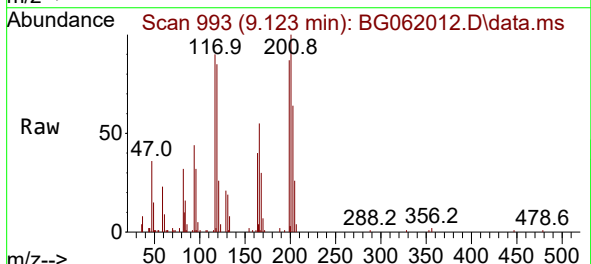
Instrument :
BNA_G
ClientSampleId :
SSTD020567

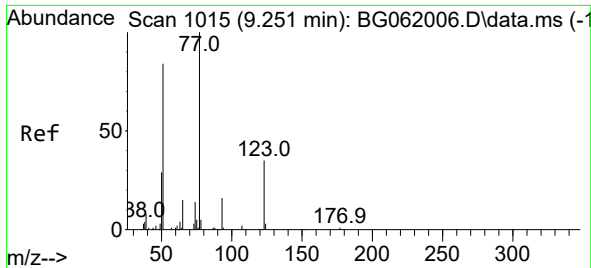
Tgt Ion:108 Resp: 76914
Ion Ratio Lower Upper
108 100
107 110.5 88.4 132.6



#19
Hexachloroethane
Concen: 19.939 ng/ul
RT: 9.123 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:117 Resp: 31798
Ion Ratio Lower Upper
117 100
201 111.2 69.3 103.9#
199 100.7 48.9 73.3#

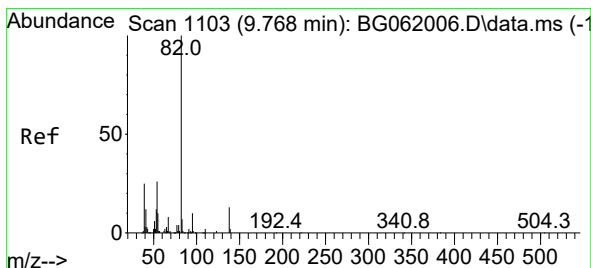
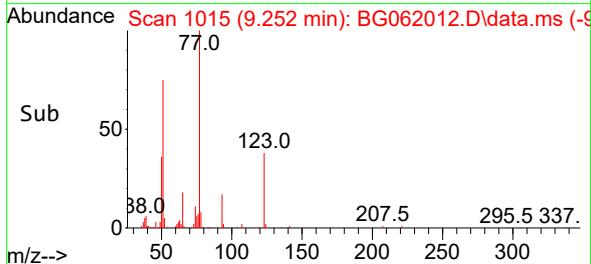
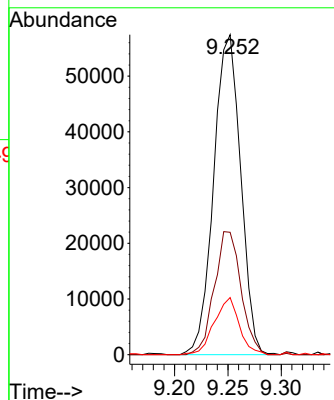
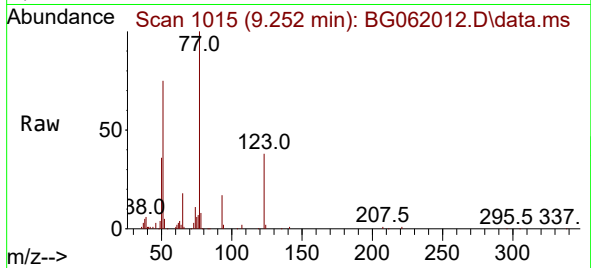




#22
Nitrobenzene
Concen: 21.316 ng/ul
RT: 9.252 min Scan# 1015
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

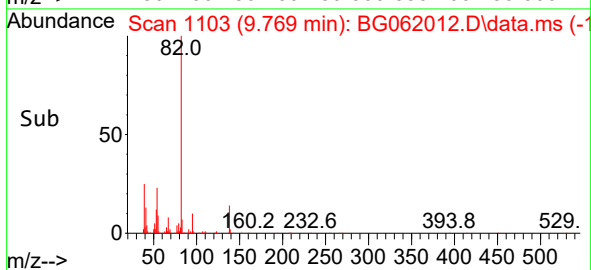
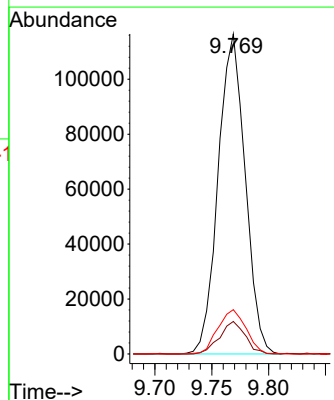
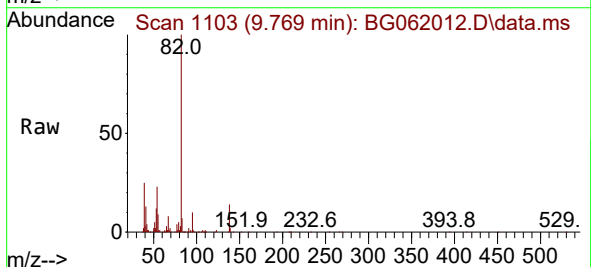
Instrument :
BNA_G
ClientSampleId :
SSTD020567

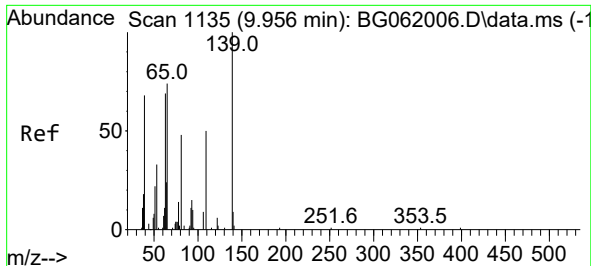
Tgt Ion: 77 Resp: 101078
Ion Ratio Lower Upper
77 100
123 38.3 31.0 46.6
65 17.9 12.7 19.1



#23
Isophorone
Concen: 17.961 ng/ul
RT: 9.769 min Scan# 1103
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion: 82 Resp: 192414
Ion Ratio Lower Upper
82 100
95 10.2 6.0 9.0#
138 13.9 11.9 17.9

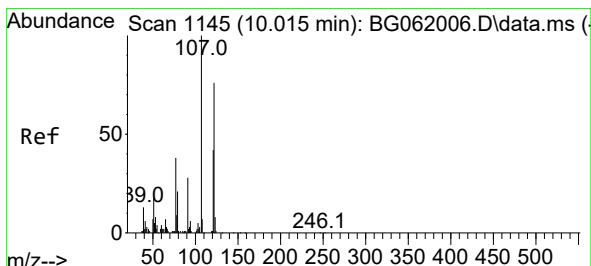
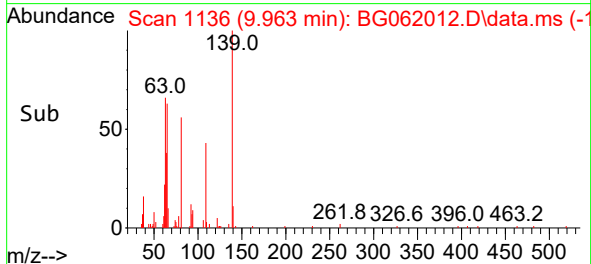
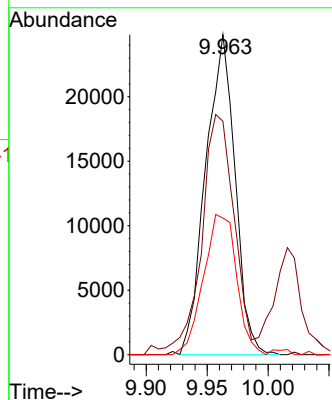
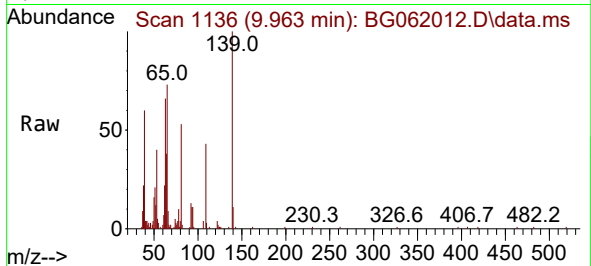




#25
2-Nitrophenol
Concen: 21.372 ng/ul
RT: 9.963 min Scan# 1135
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

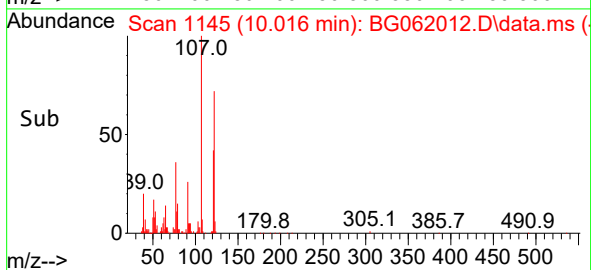
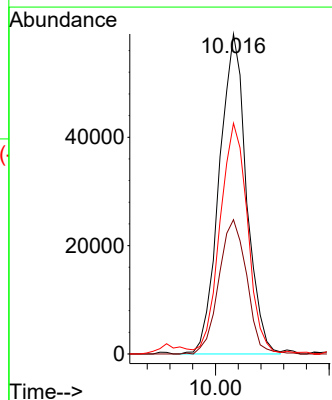
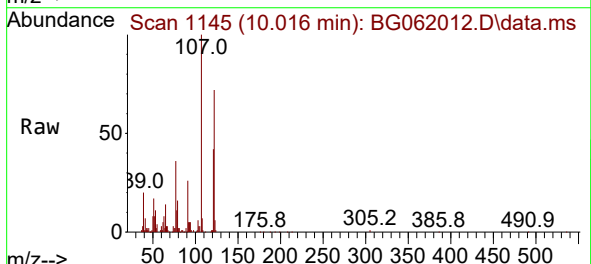
Instrument :
BNA_G
ClientSampleId :
SSTD020567

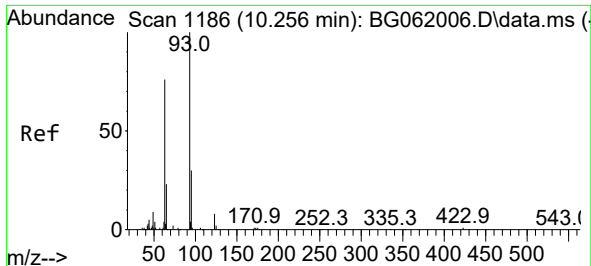
Tgt Ion:139 Resp: 41579
Ion Ratio Lower Upper
139 100
65 72.9 61.6 92.4
109 42.7 35.4 53.2



#26
2,4-Dimethylphenol
Concen: 21.033 ng/ul
RT: 10.016 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:107 Resp: 97931
Ion Ratio Lower Upper
107 100
121 41.9 35.6 53.4
122 72.1 62.2 93.2

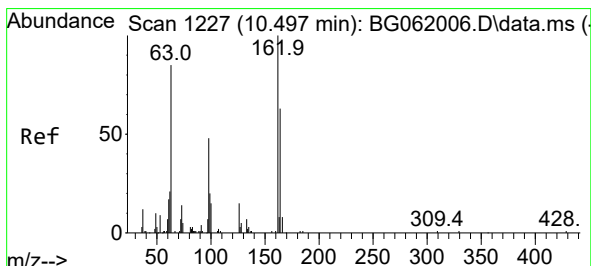
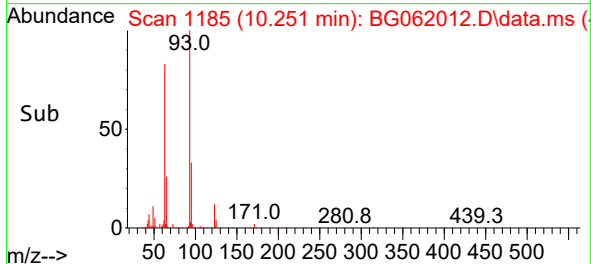
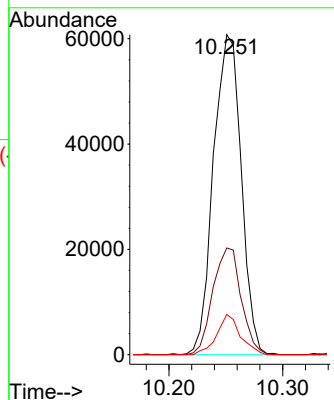
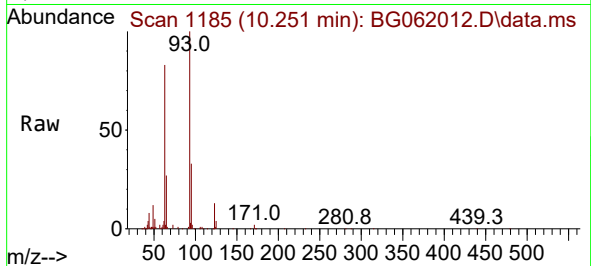




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.501 ng/ul
 RT: 10.251 min Scan# 1185
 Delta R.T. 0.001 min
 Lab File: BG062012.D
 Acq: 11 Jul 2024 16:16

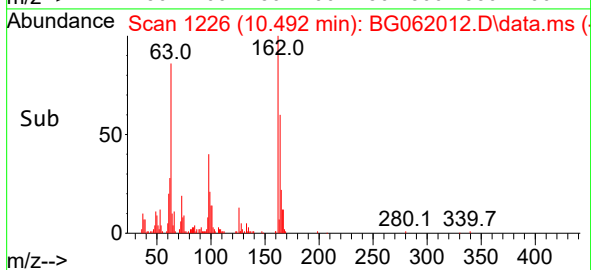
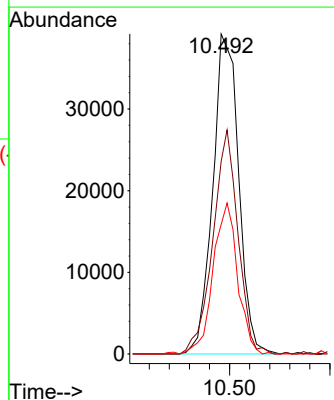
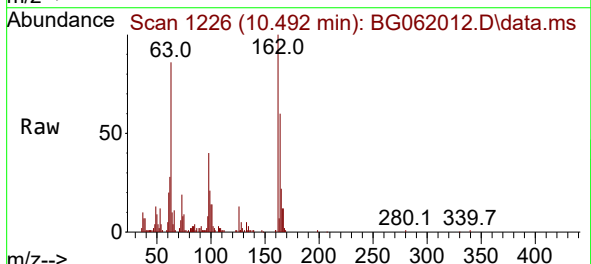
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020567

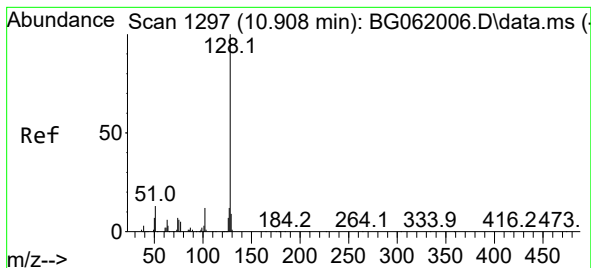
Tgt Ion: 93 Resp: 103250
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.2 39.2
 123 12.5 7.5 11.3#



#29
 2,4-Dichlorophenol
 Concen: 20.308 ng/ul
 RT: 10.492 min Scan# 1226
 Delta R.T. -0.005 min
 Lab File: BG062012.D
 Acq: 11 Jul 2024 16:16

Tgt Ion:162 Resp: 70194
 Ion Ratio Lower Upper
 162 100
 164 60.2 46.9 70.3
 98 40.5 33.4 50.2

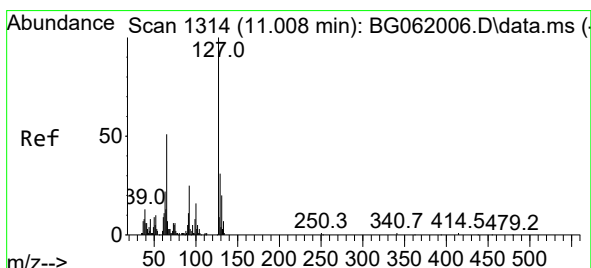
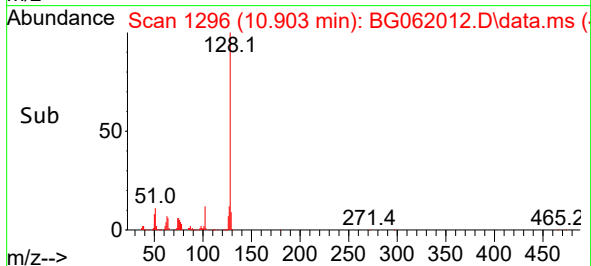
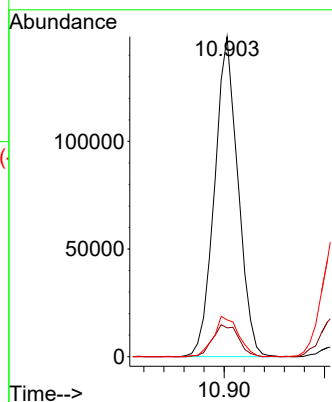
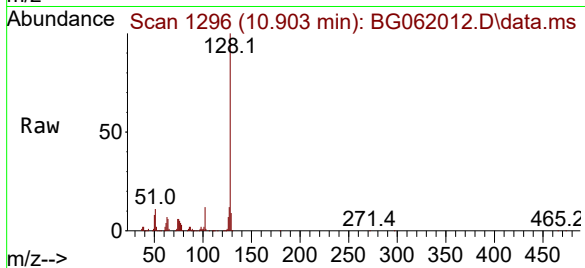




#30
Naphthalene
Concen: 19.960 ng/ul
RT: 10.903 min Scan# 1296
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

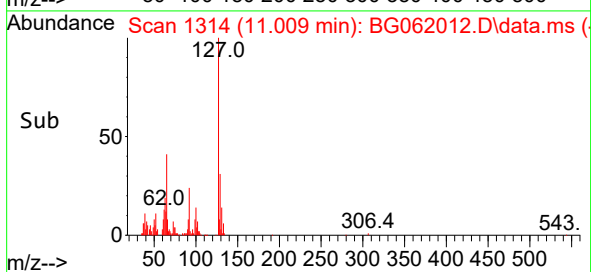
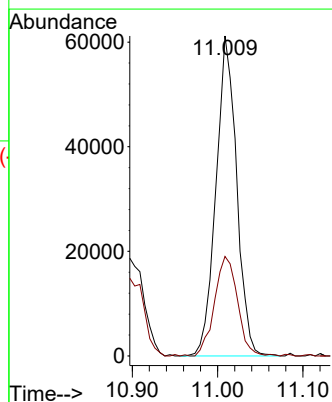
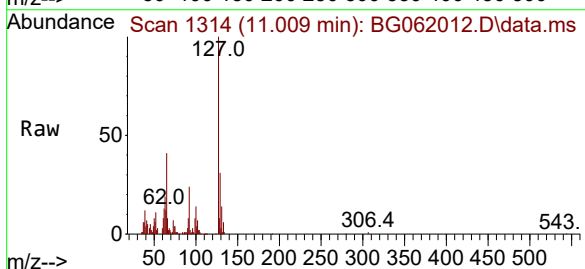
Instrument :
BNA_G
ClientSampleId :
SSTD020567

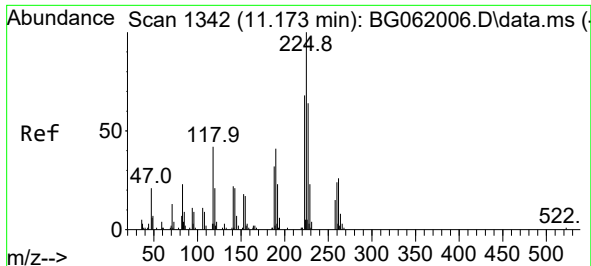
Tgt Ion:128 Resp: 240826
Ion Ratio Lower Upper
128 100
129 9.0 7.7 11.5
127 11.5 9.6 14.4



#32
4-Chloroaniline
Concen: 19.619 ng/ul
RT: 11.009 min Scan# 1314
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:127 Resp: 102844
Ion Ratio Lower Upper
127 100
129 31.1 24.2 36.4

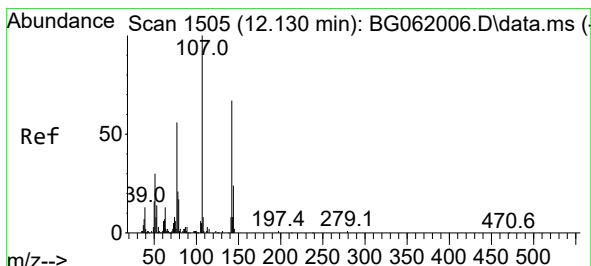
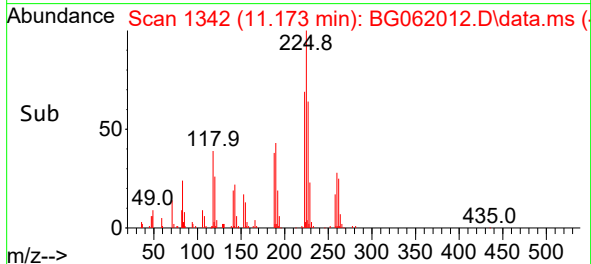
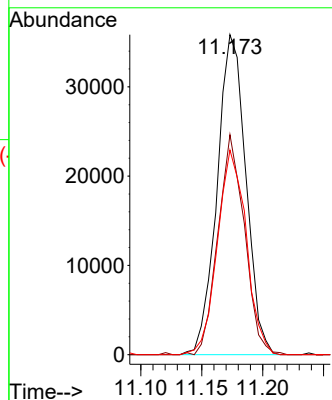
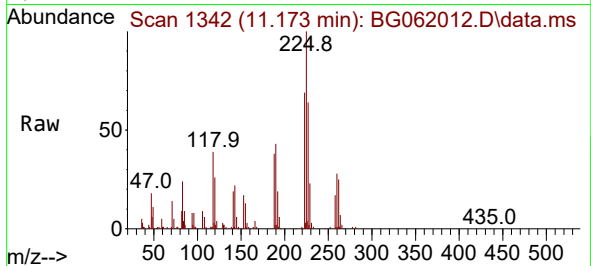




#33
Hexachlorobutadiene
Concen: 22.649 ng/ul
RT: 11.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

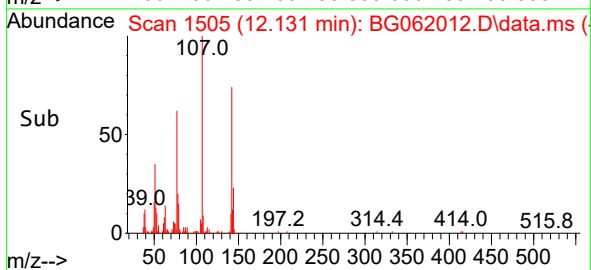
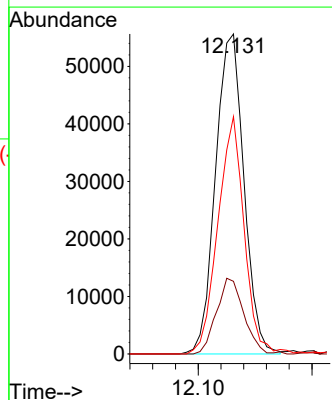
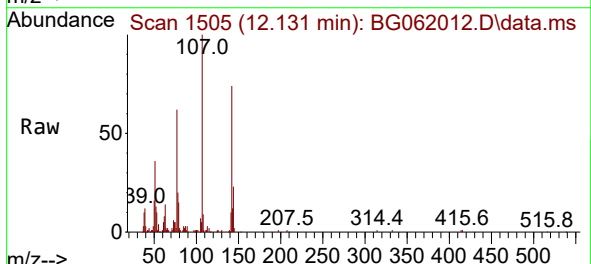
Instrument :
BNA_G
ClientSampleId :
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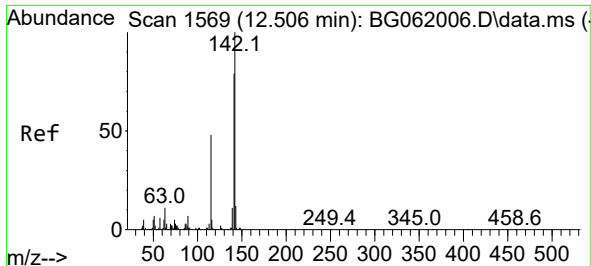
Tgt Ion:225 Resp: 58911
Ion Ratio Lower Upper
225 100
223 71.8 45.4 68.2#
227 64.0 44.0 66.0



#35
4-Chloro-3-methylphenol
Concen: 20.949 ng/ul
RT: 12.131 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:107 Resp: 96438
Ion Ratio Lower Upper
107 100
144 22.7 19.6 29.4
142 74.1 60.3 90.5

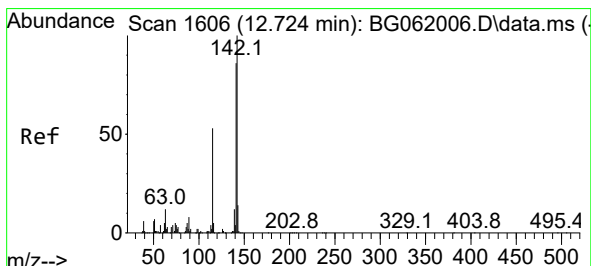
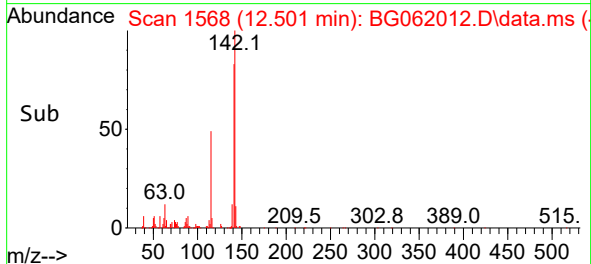
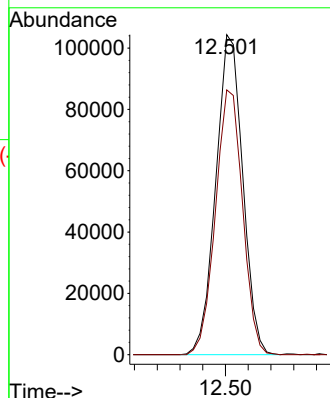
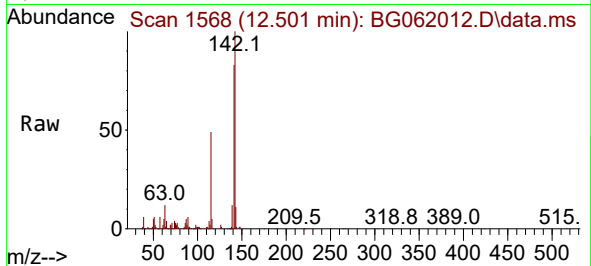




#36
2-Methylnaphthalene
Concen: 19.655 ng/ul
RT: 12.501 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

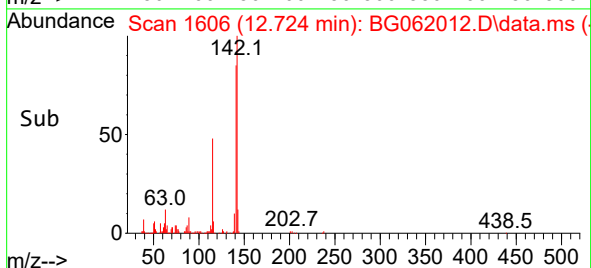
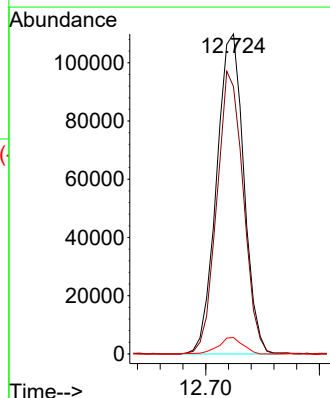
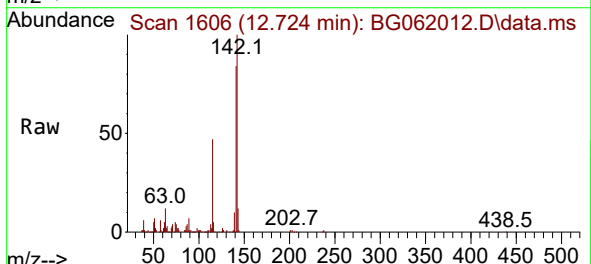
Instrument :
BNA_G
ClientSampleId :
SSTD020567

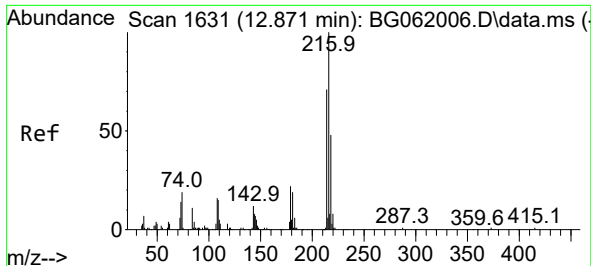
Tgt Ion:142 Resp: 171808
Ion Ratio Lower Upper
142 100
141 82.8 69.4 104.2



#37
1-Methylnaphthalene
Concen: 20.145 ng/ul
RT: 12.724 min Scan# 1606
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:142 Resp: 182989
Ion Ratio Lower Upper
142 100
141 83.6 71.4 107.2
116 5.2 3.8 5.8

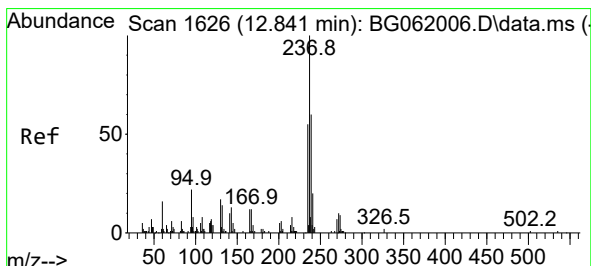
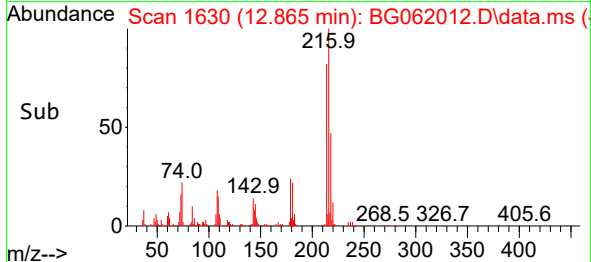
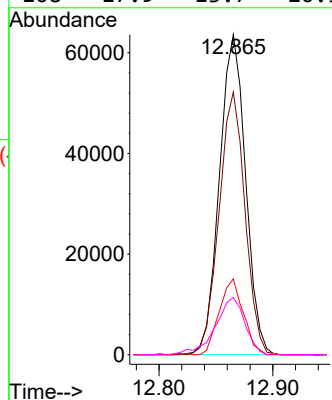
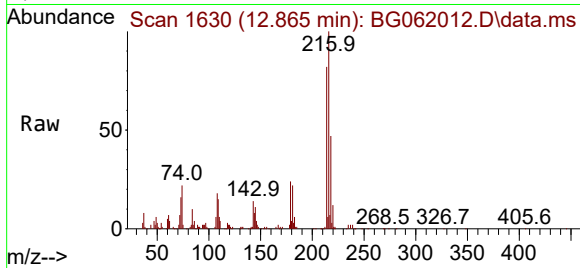




#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.547 ng/ul
RT: 12.865 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

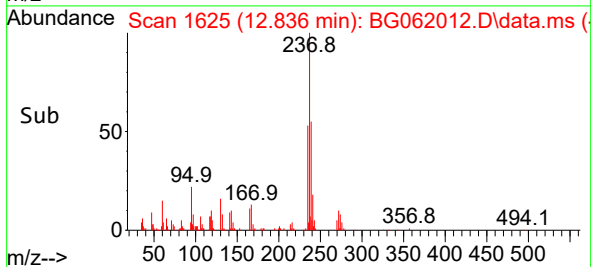
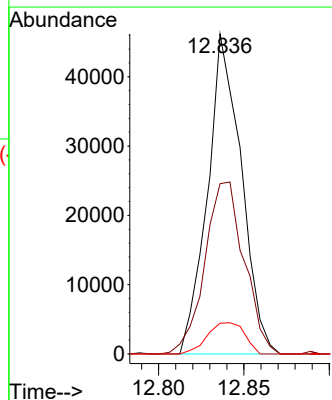
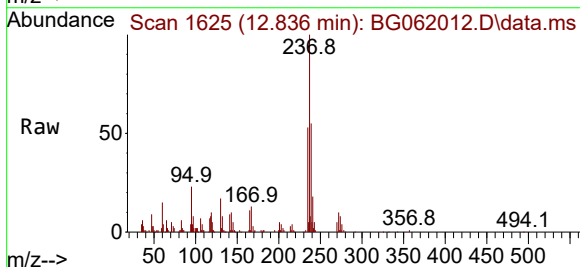
Instrument :
BNA_G
ClientSampleId :
SSTD020567

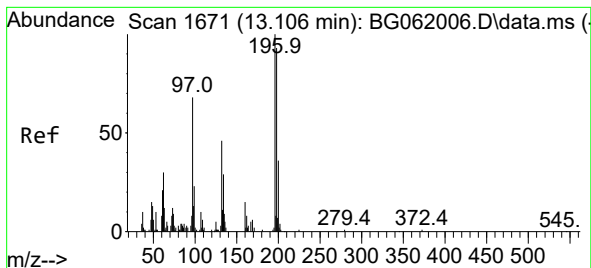
Tgt Ion:216 Resp: 101505
Ion Ratio Lower Upper
216 100
214 82.0 62.5 93.7
179 23.7 18.6 27.8
108 17.9 13.7 20.5



#40
Hexachlorocyclopentadiene
Concen: 18.366 ng/ul
RT: 12.836 min Scan# 1625
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:237 Resp: 63488
Ion Ratio Lower Upper
237 100
235 49.2 51.7 77.5#
272 9.4 12.4 18.6#





#41

2,4,6-Trichlorophenol

Concen: 19.972 ng/ul

RT: 13.106 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

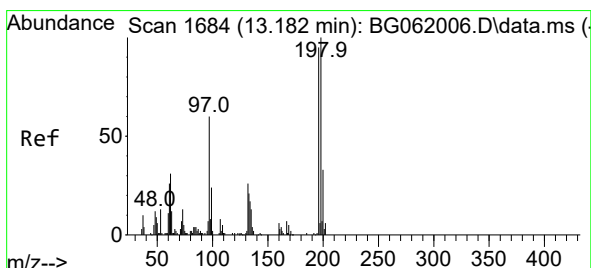
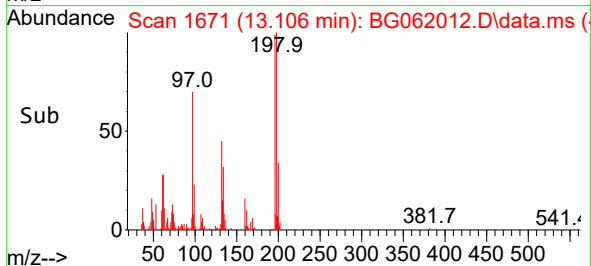
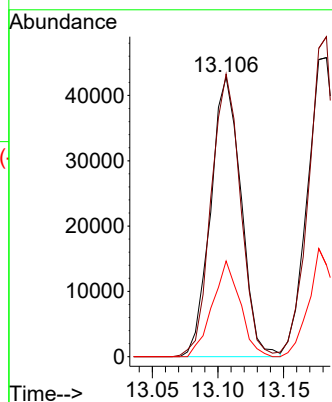
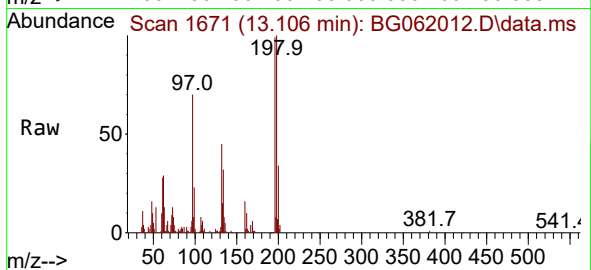
Tgt Ion:196 Resp: 68883

Ion Ratio Lower Upper

196 100

198 101.1 79.9 119.9

200 34.2 26.7 40.1



#42

2,4,5-Trichlorophenol

Concen: 19.622 ng/ul

RT: 13.183 min Scan# 1684

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

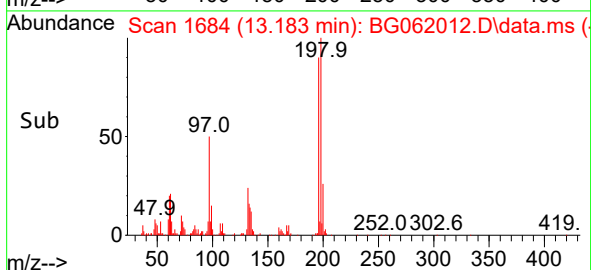
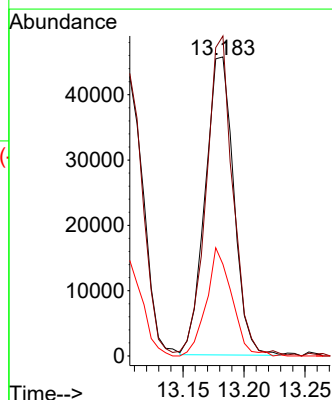
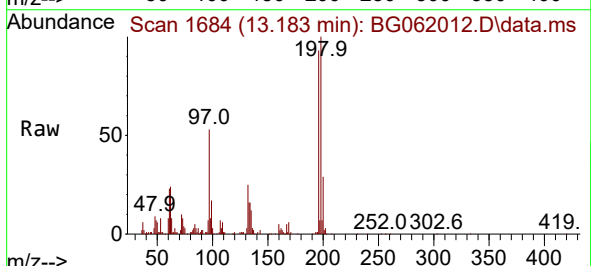
Tgt Ion:196 Resp: 74344

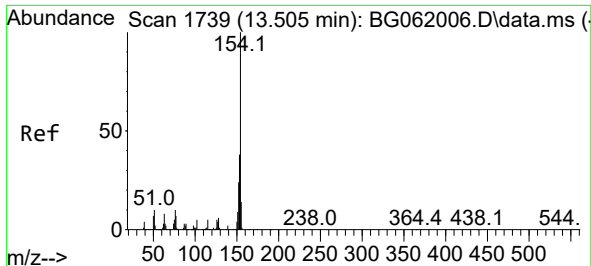
Ion Ratio Lower Upper

196 100

198 107.0 72.5 108.7

200 30.6 23.7 35.5

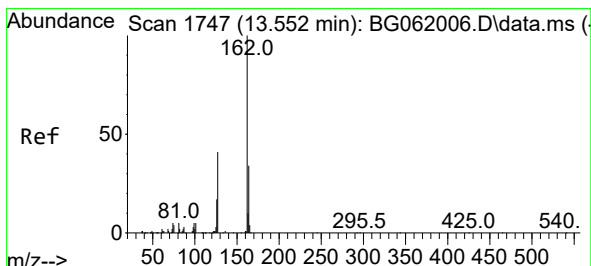
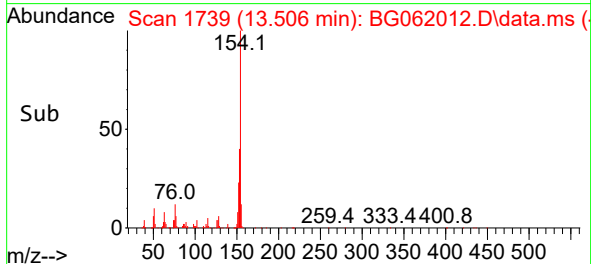
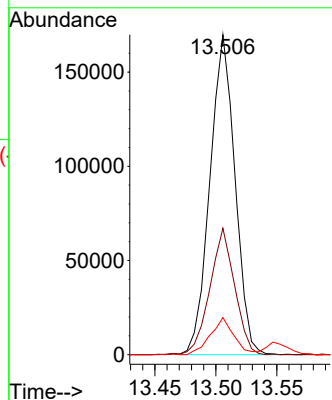
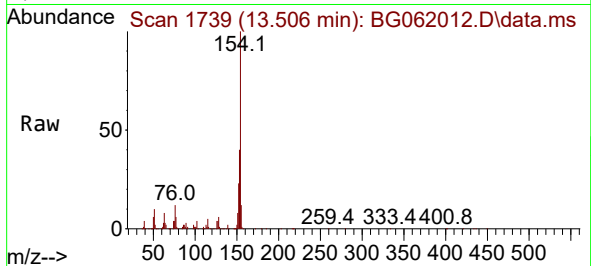




#43
1,1'-Biphenyl
Concen: 18.255 ng/ul
RT: 13.506 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

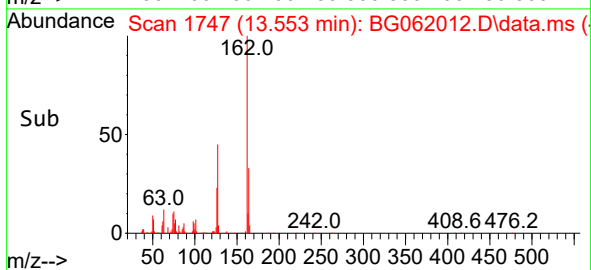
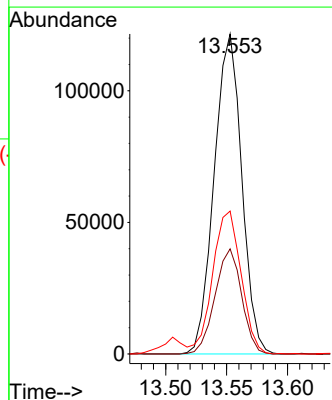
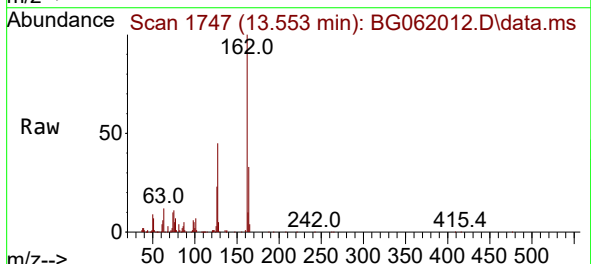
Instrument :
BNA_G
ClientSampleId :
SSTD020567

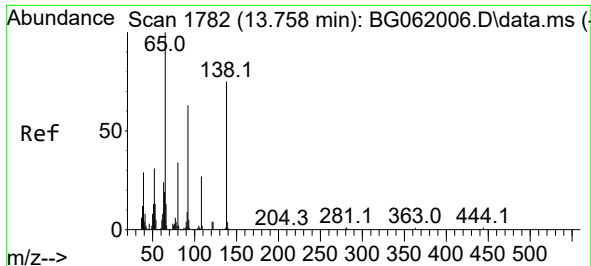
Tgt Ion:154 Resp: 243215
Ion Ratio Lower Upper
154 100
153 39.5 31.7 47.5
76 11.6 10.0 15.0



#44
2-Chloronaphthalene
Concen: 19.117 ng/ul
RT: 13.553 min Scan# 1747
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:162 Resp: 191156
Ion Ratio Lower Upper
162 100
164 32.8 23.3 34.9
127 44.7 33.2 49.8

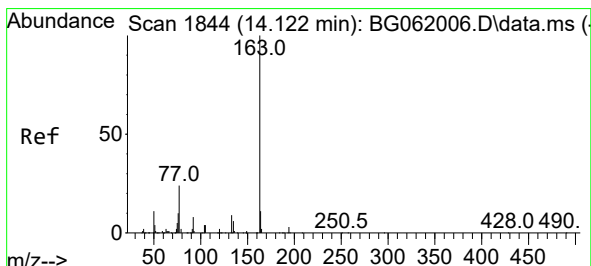
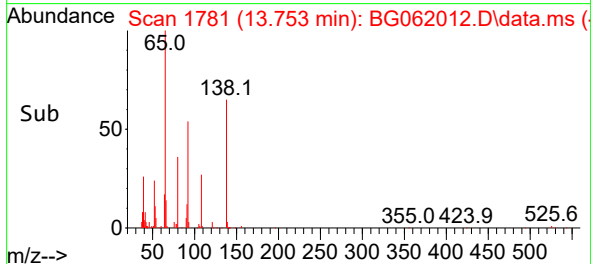
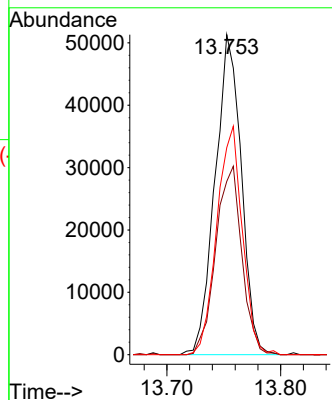
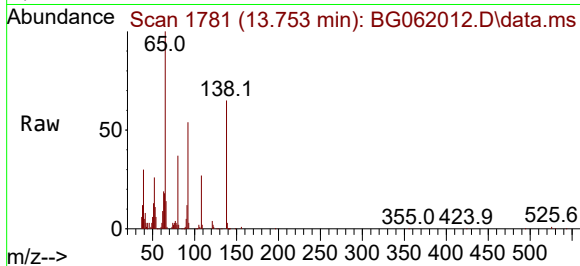




#45
2-Nitroaniline
Concen: 20.520 ng/ul
RT: 13.753 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

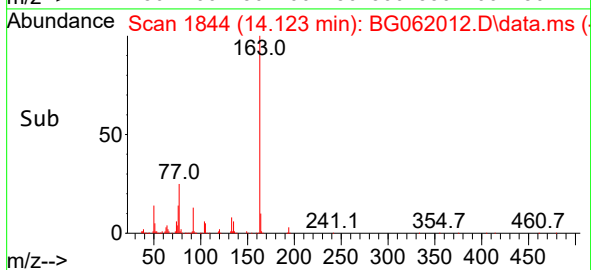
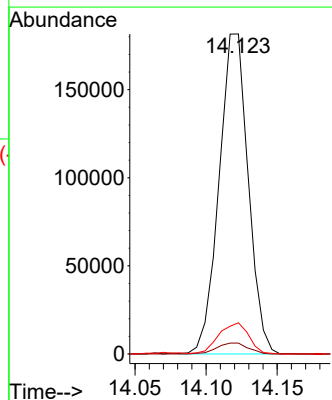
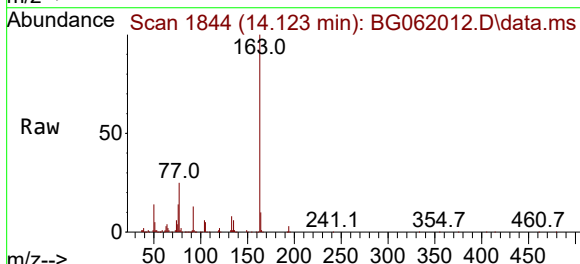
Instrument :
BNA_G
ClientSampleId :
SSTD020567

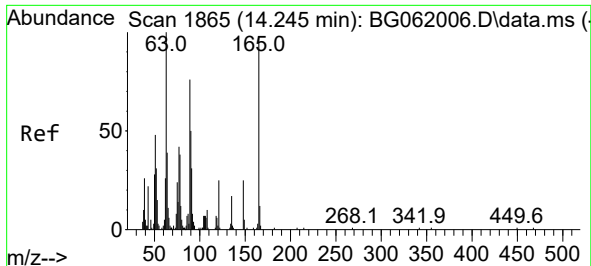
Tgt Ion: 65 Resp: 82169
Ion Ratio Lower Upper
65 100
92 54.1 48.2 72.4
138 64.7 56.8 85.2



#47
Dimethylphthalate
Concen: 18.953 ng/ul
RT: 14.123 min Scan# 1844
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:163 Resp: 259165
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.8 8.2 12.4

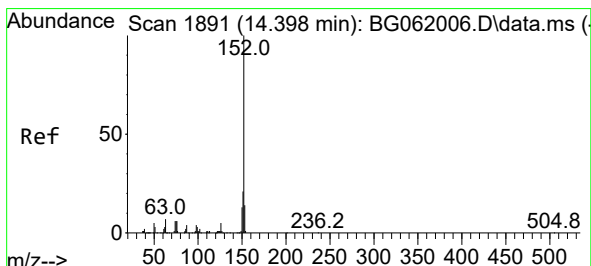
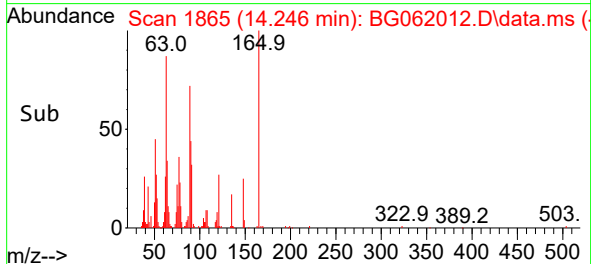
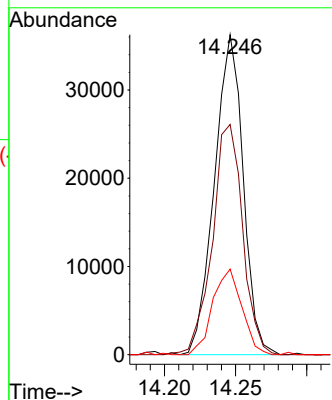
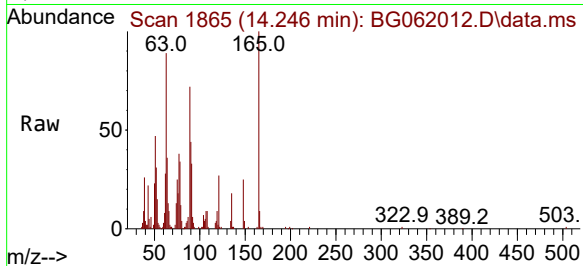




#48
2,6-Dinitrotoluene
Concen: 19.690 ng/ul
RT: 14.246 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

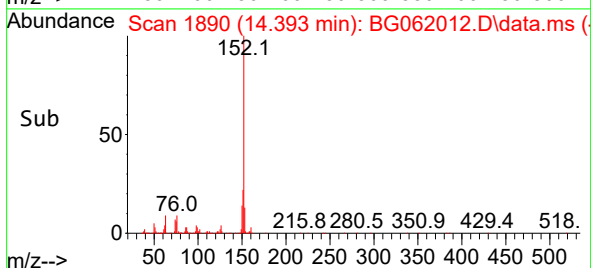
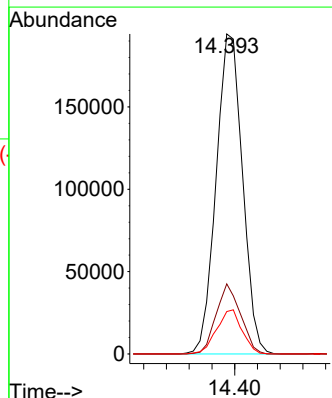
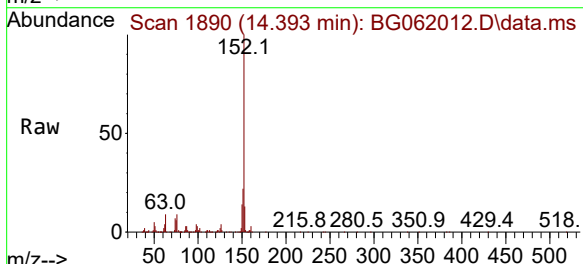
Instrument :
BNA_G
ClientSampleId :
SSTD020567

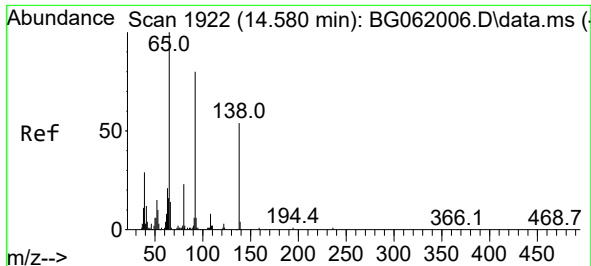
Tgt Ion:165 Resp: 51076
Ion Ratio Lower Upper
165 100
89 71.9 62.6 93.8
121 26.8 18.4 27.6



#50
Acenaphthylene
Concen: 19.199 ng/ul
RT: 14.393 min Scan# 1890
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:152 Resp: 313224
Ion Ratio Lower Upper
152 100
151 21.9 16.5 24.7
153 13.3 11.4 17.0

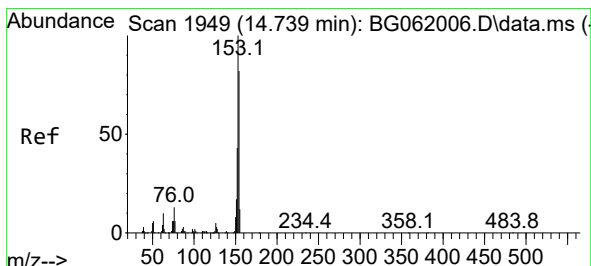
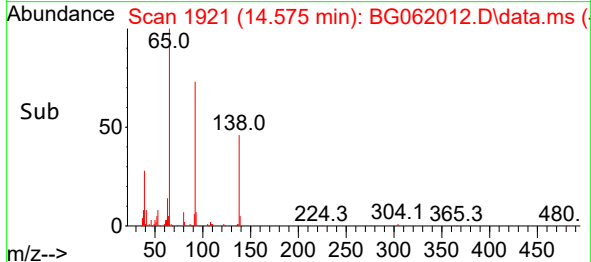
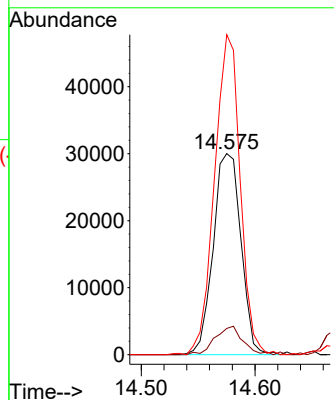
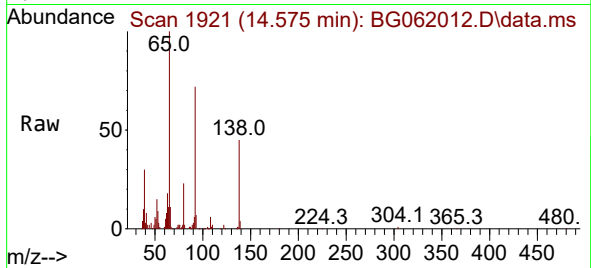




#51
3-Nitroaniline
Concen: 20.117 ng/ul
RT: 14.575 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

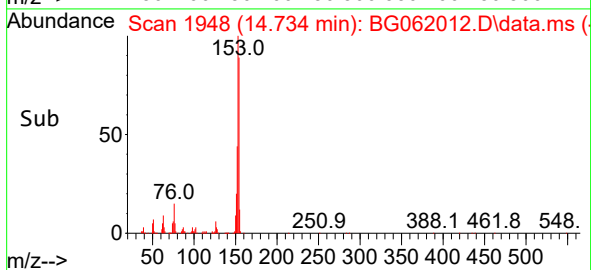
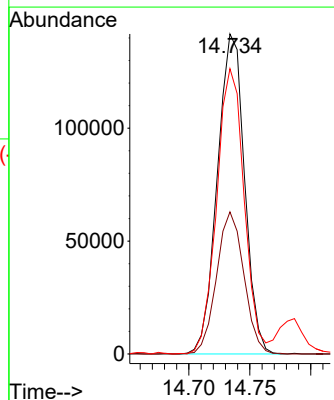
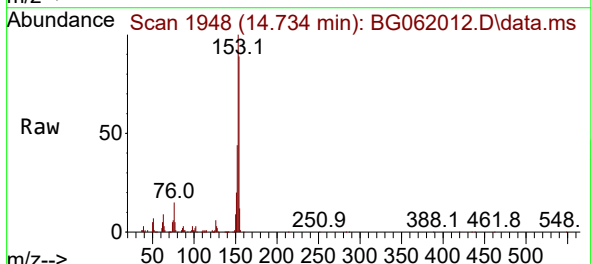
Instrument :
BNA_G
ClientSampleId :
SSTD020567

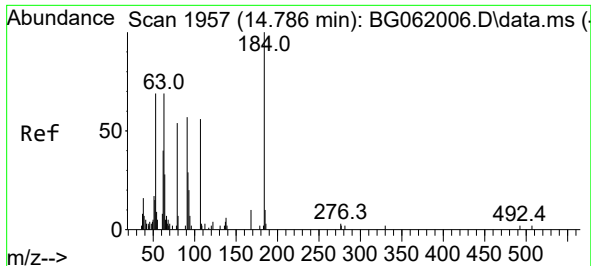
Tgt Ion:138 Resp: 50795
Ion Ratio Lower Upper
138 100
108 13.0 12.3 18.5
92 159.1 116.3 174.5



#52
Acenaphthene
Concen: 19.511 ng/ul
RT: 14.734 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:153 Resp: 219802
Ion Ratio Lower Upper
153 100
152 44.4 37.2 55.8
154 89.1 75.0 112.6

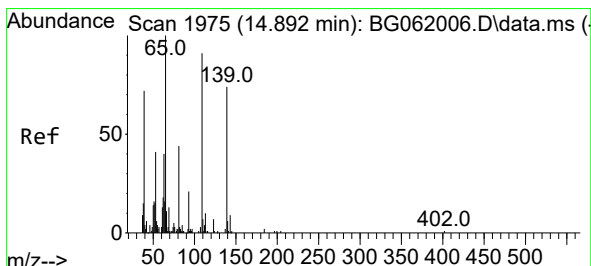
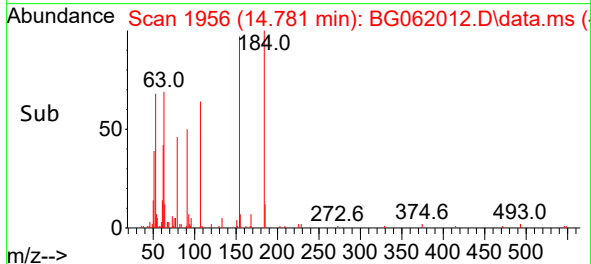
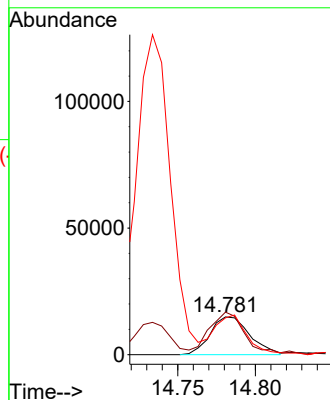
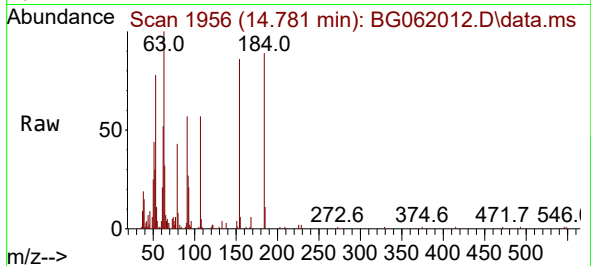




#53
2,4-Dinitrophenol
Concen: 19.403 ng/ul
RT: 14.781 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

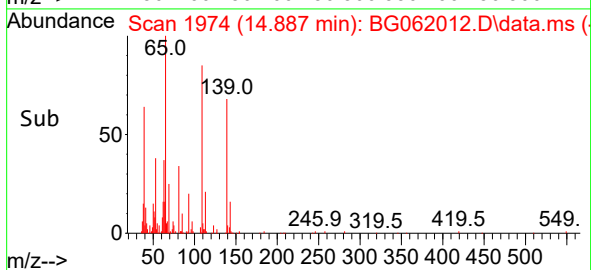
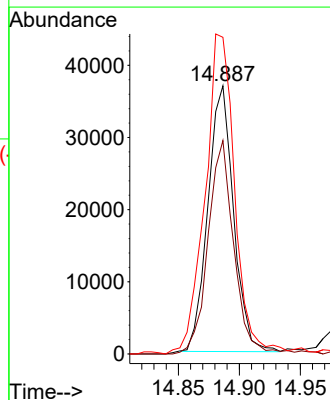
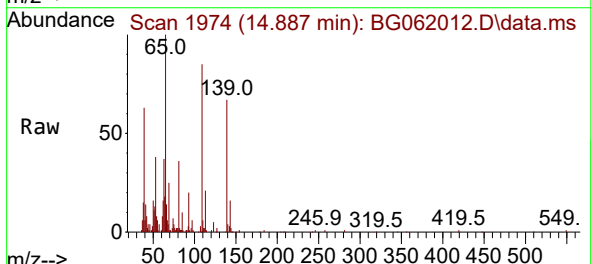
Instrument :
BNA_G
ClientSampleId :
SSTD020567

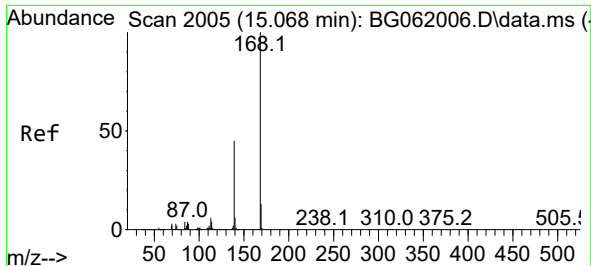
Tgt Ion:184 Resp: 26295
Ion Ratio Lower Upper
184 100
63 113.0 83.6 125.4
154 97.3 66.8 100.2



#55
4-Nitrophenol
Concen: 20.786 ng/ul
RT: 14.887 min Scan# 1974
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:109 Resp: 53858
Ion Ratio Lower Upper
109 100
139 79.6 67.4 101.2
65 118.1 102.1 153.1

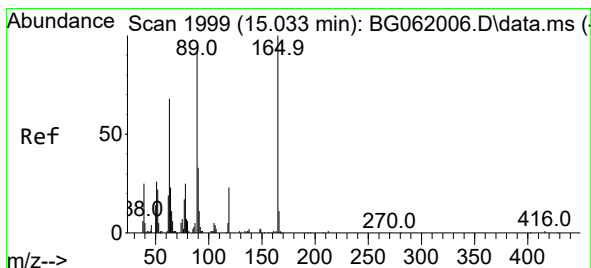
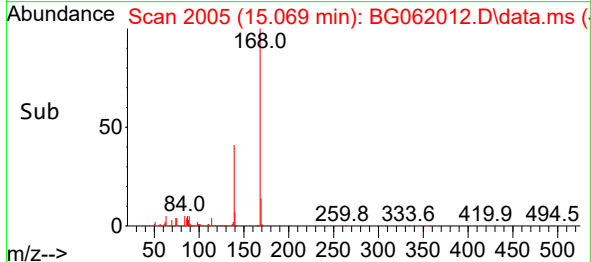
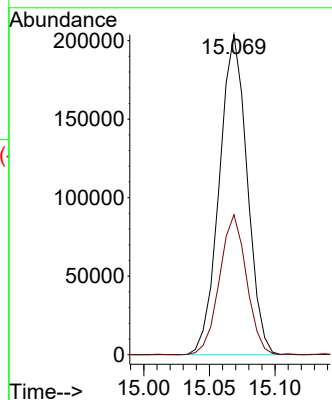
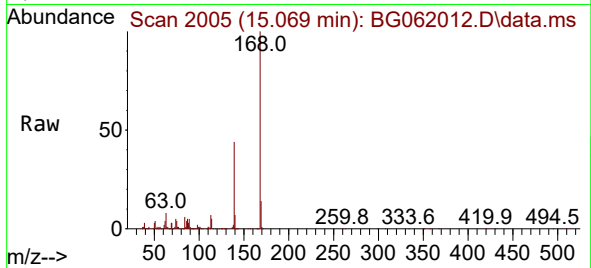




#56
Dibenzenofuran
Concen: 18.839 ng/ul
RT: 15.069 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

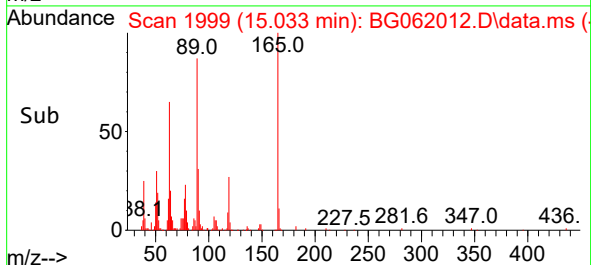
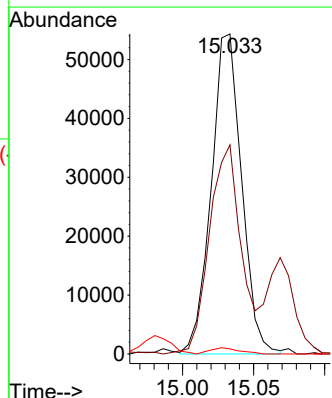
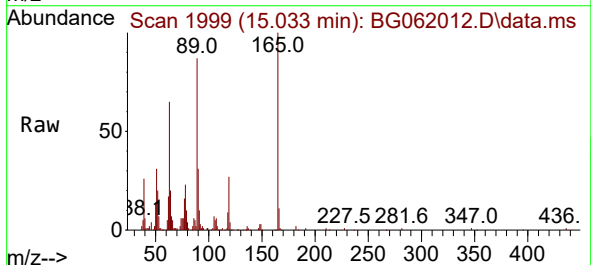
Instrument :
BNA_G
ClientSampleId :
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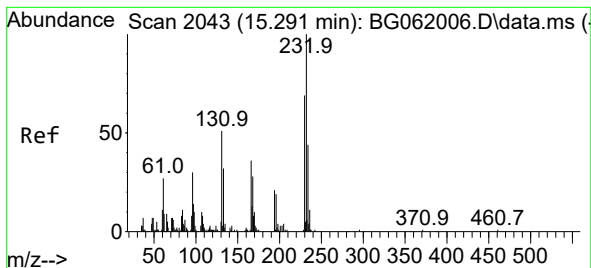
Tgt Ion:168 Resp: 299966
Ion Ratio Lower Upper
168 100
139 43.7 31.0 46.4



#57
2,4-Dinitrotoluene
Concen: 21.222 ng/ul
RT: 15.033 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:165 Resp: 80732
Ion Ratio Lower Upper
165 100
63 65.4 44.9 67.3
182 1.6 2.6 3.8#

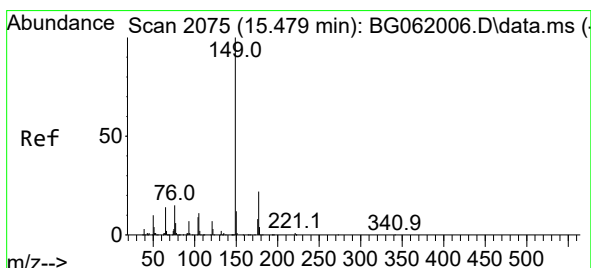
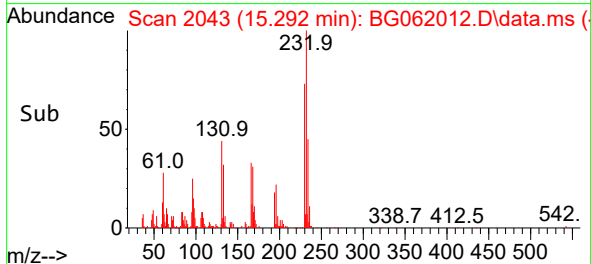
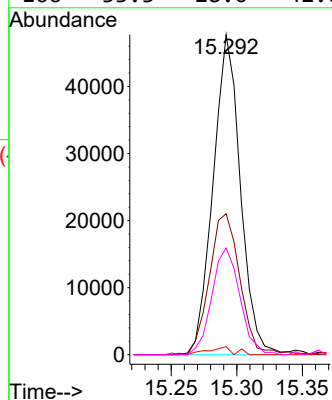
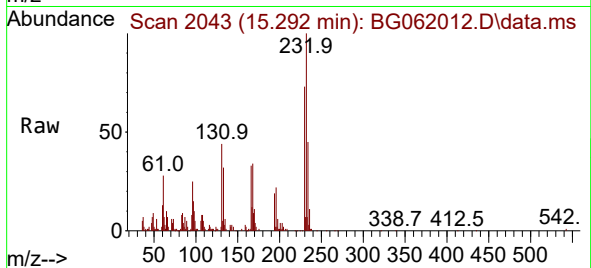




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.115 ng/ul
RT: 15.292 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

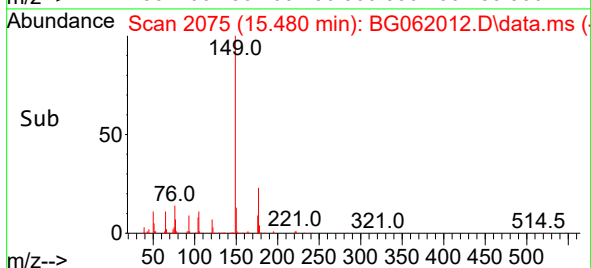
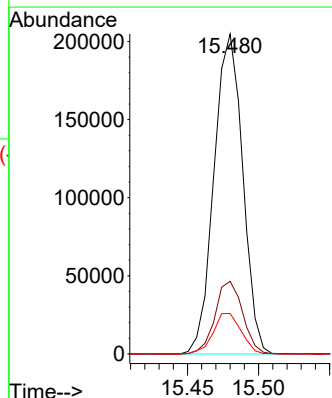
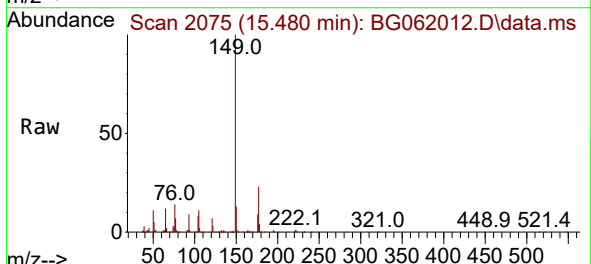
Instrument :
BNA_G
ClientSampleId :
SSTD020567

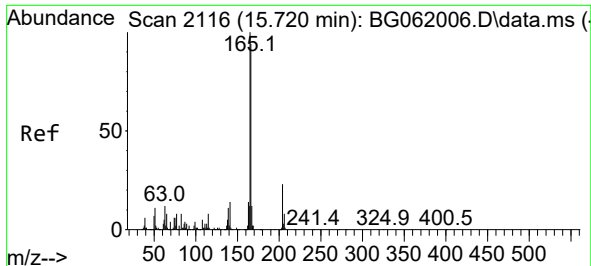
Tgt Ion:232	Resp:	68819
Ion Ratio	Lower	Upper
232	100	
131	44.0	35.8 53.8
130	2.5	2.0 3.0
166	33.3	28.0 42.0



#59
Diethylphthalate
Concen: 19.507 ng/ul
RT: 15.480 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:149	Resp:	287438
Ion Ratio	Lower	Upper
149	100	
177	22.7	16.3 24.5
150	12.6	9.6 14.4

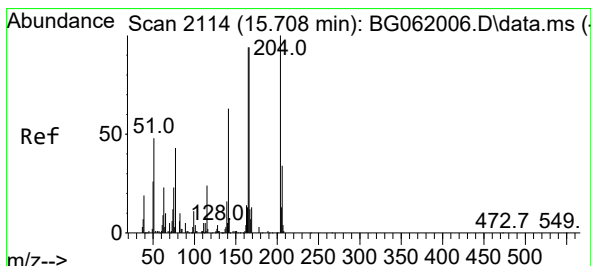
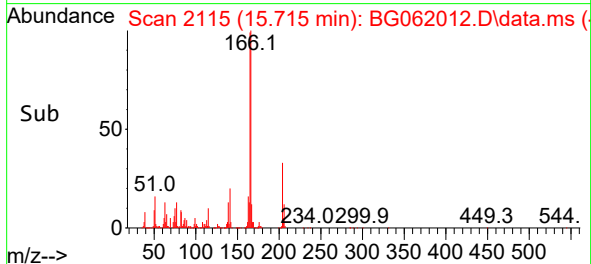
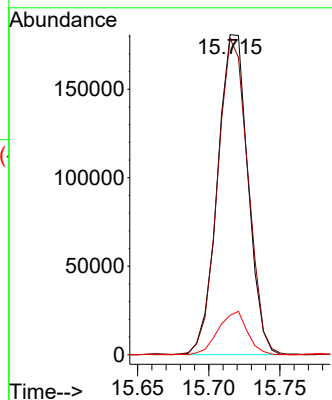
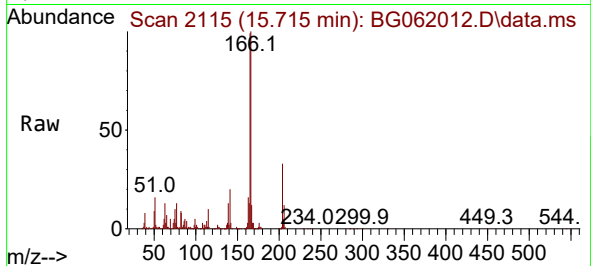




#61
Fluorene
Concen: 19.891 ng/ul
RT: 15.715 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

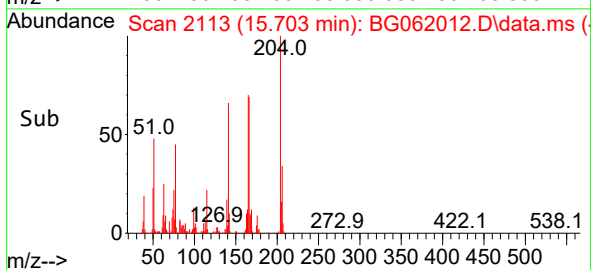
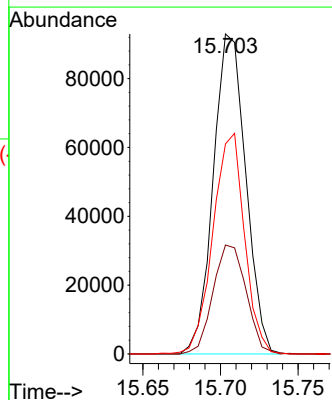
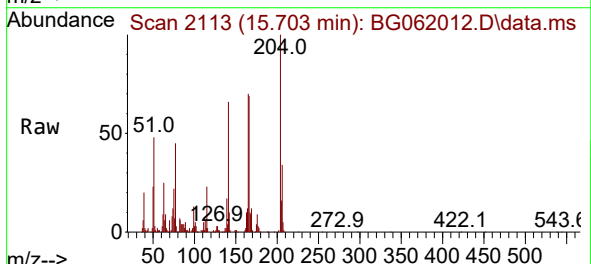
Instrument :
BNA_G
ClientSampleId :
SSTD020567

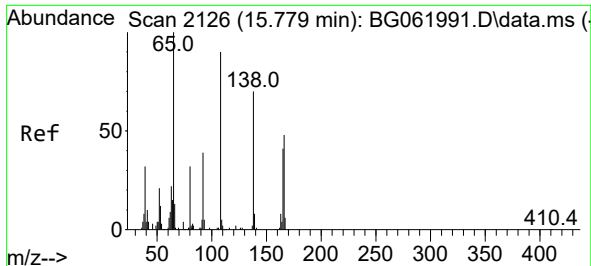
Tgt Ion:166 Resp: 269332
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 12.3 10.4 15.6



#62
4-Chlorophenyl-phenylether
Concen: 19.929 ng/ul
RT: 15.703 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:204 Resp: 135548
Ion Ratio Lower Upper
204 100
206 34.0 24.5 36.7
141 65.6 46.6 69.8

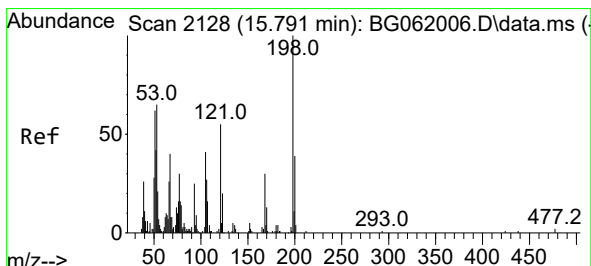
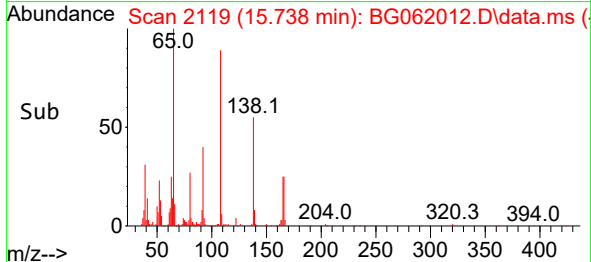
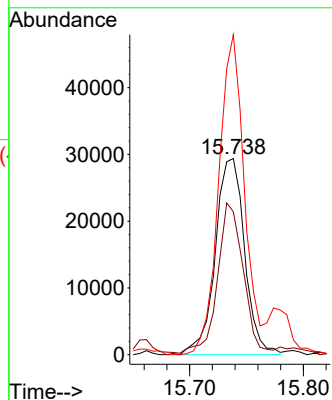
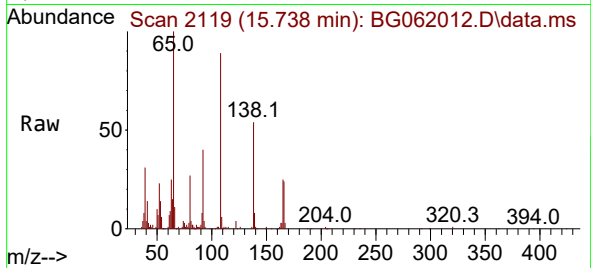




#63
4-Nitroaniline
Concen: 20.562 ng/ul
RT: 15.738 min Scan# 2126
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

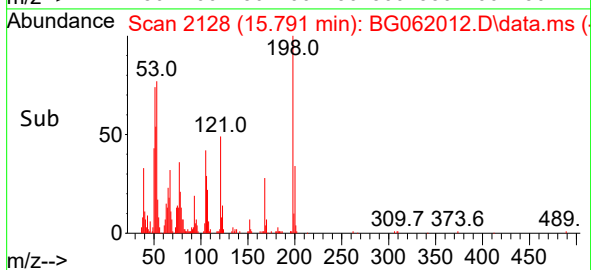
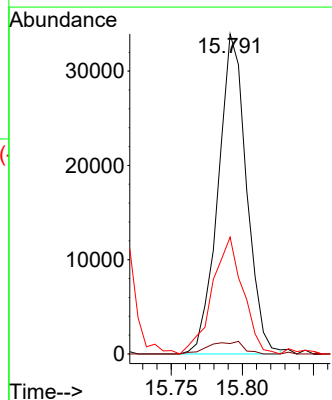
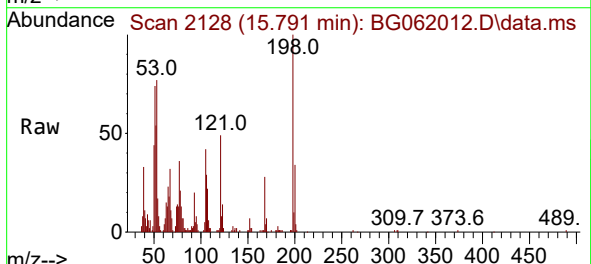
Instrument :
BNA_G
ClientSampleId :
SSTD020567

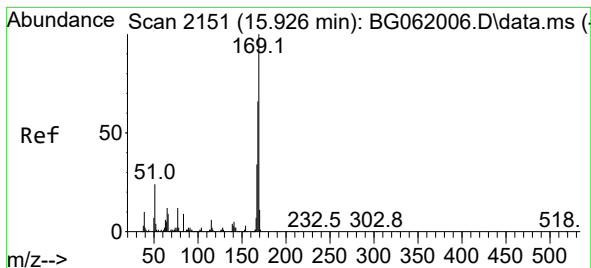
Tgt Ion:138 Resp: 52684
Ion Ratio Lower Upper
138 100
92 73.0 52.3 78.5
108 163.2 94.1 141.1#



#66
4,6-Dinitro-2-methylphenol
Concen: 18.774 ng/ul
RT: 15.791 min Scan# 2128
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:198 Resp: 47162
Ion Ratio Lower Upper
198 100
182 3.2 3.6 5.4#
77 36.5 21.8 32.8#





#67

N-Nitrosodiphenylamine

Concen: 18.394 ng/ul

RT: 15.921 min Scan# 2151

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

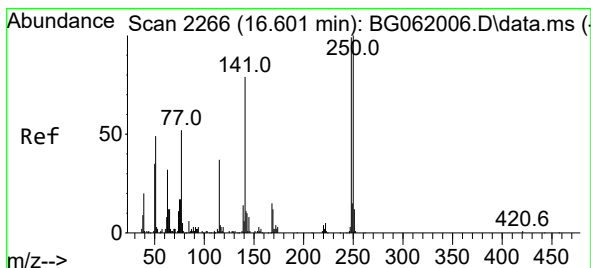
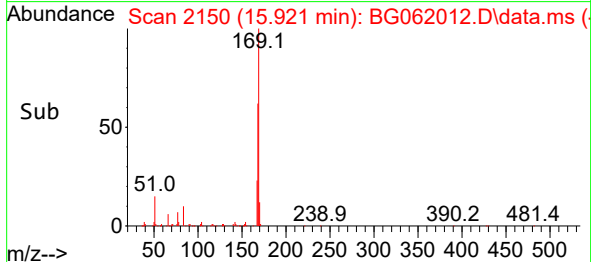
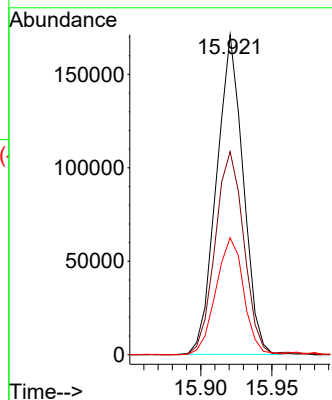
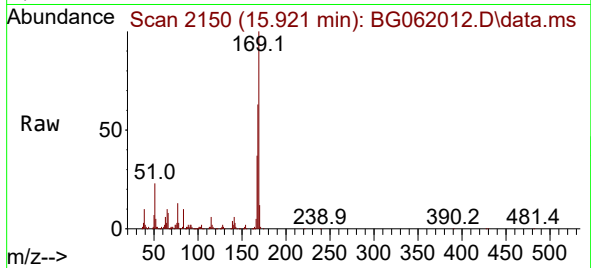
Tgt Ion:169 Resp: 223267

Ion Ratio Lower Upper

169 100

168 63.5 55.6 83.4

167 36.5 29.8 44.8



#68

4-Bromophenyl-phenylether

Concen: 19.166 ng/ul

RT: 16.602 min Scan# 2266

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

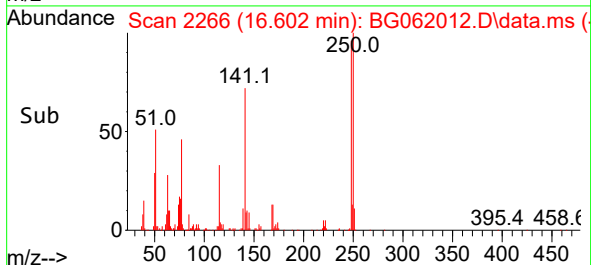
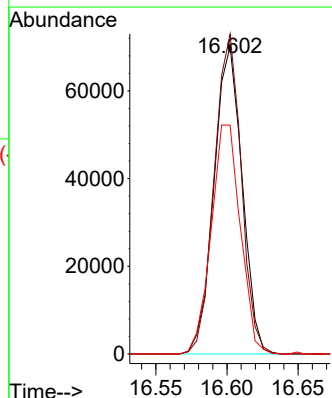
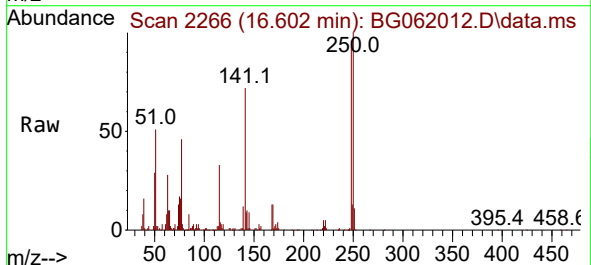
Tgt Ion:248 Resp: 96642

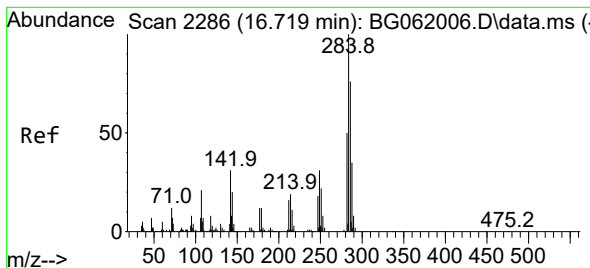
Ion Ratio Lower Upper

248 100

250 104.0 77.2 115.8

141 74.4 57.8 86.8





#69

Hexachlorobenzene

Concen: 20.149 ng/ul

RT: 16.714 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

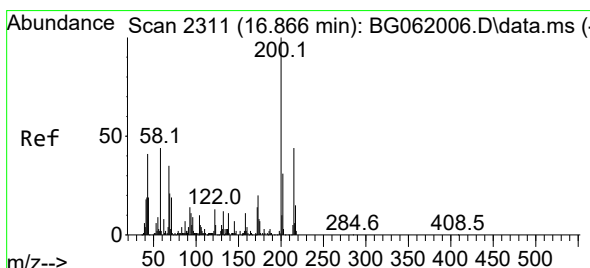
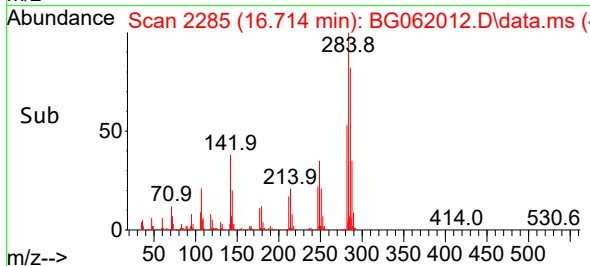
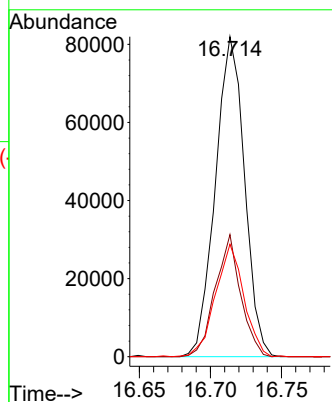
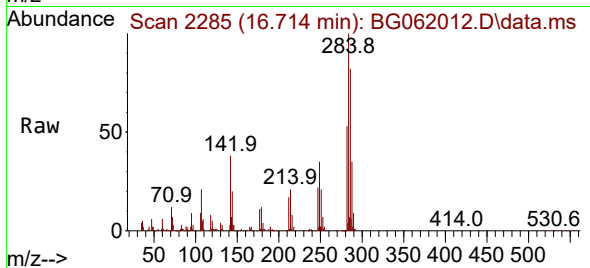
Tgt Ion:284 Resp: 116825

Ion Ratio Lower Upper

284 100

142 38.2 26.4 39.6

249 37.2 27.2 40.8



#70

Atrazine

Concen: 20.356 ng/ul

RT: 16.867 min Scan# 2311

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

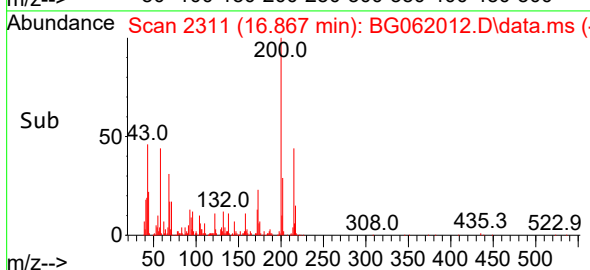
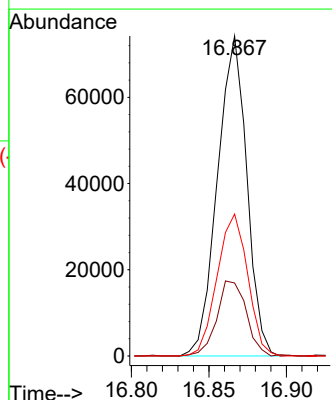
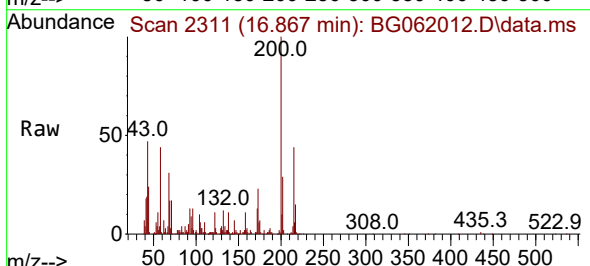
Tgt Ion:200 Resp: 97539

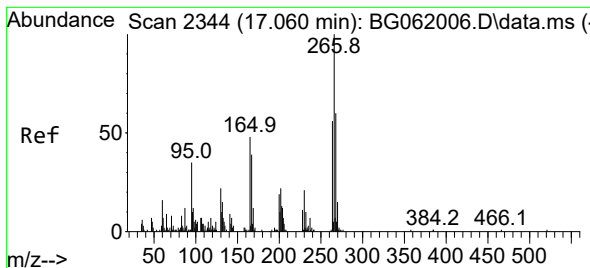
Ion Ratio Lower Upper

200 100

173 22.8 18.7 28.1

215 44.3 37.8 56.6





#71

Pentachlorophenol

Concen: 18.617 ng/ul

RT: 17.060 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

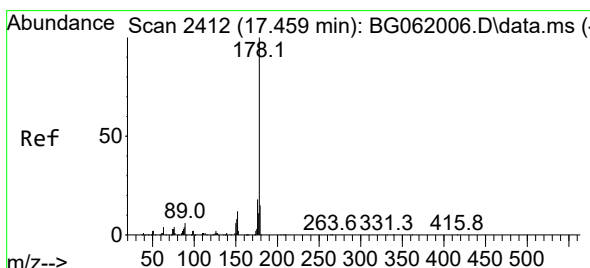
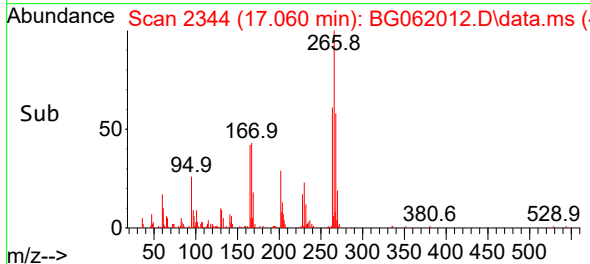
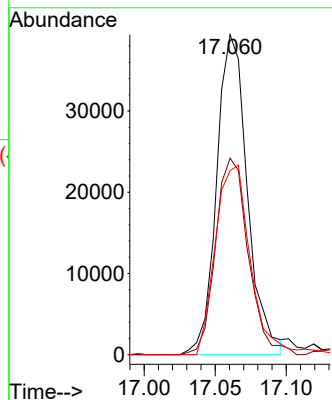
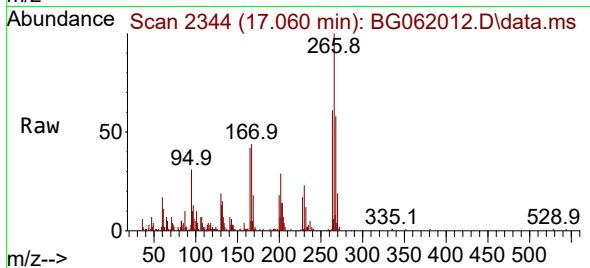
Tgt Ion:266 Resp: 59333

Ion Ratio Lower Upper

266 100

264 61.4 45.0 67.6

268 57.5 50.5 75.7



#72

Phenanthrene

Concen: 18.989 ng/ul

RT: 17.454 min Scan# 2411

Delta R.T. -0.005 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

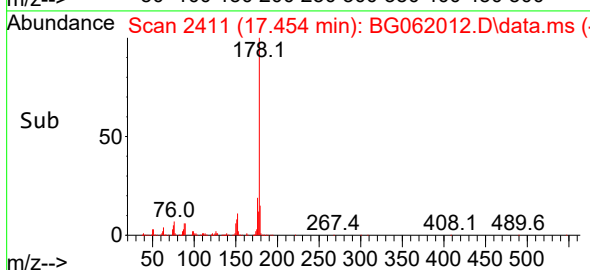
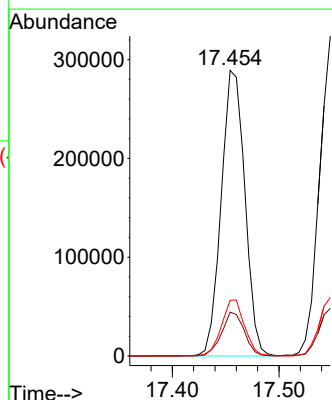
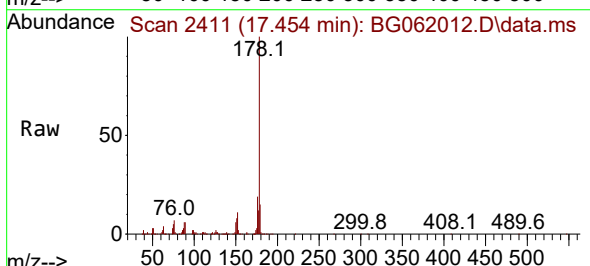
Tgt Ion:178 Resp: 445017

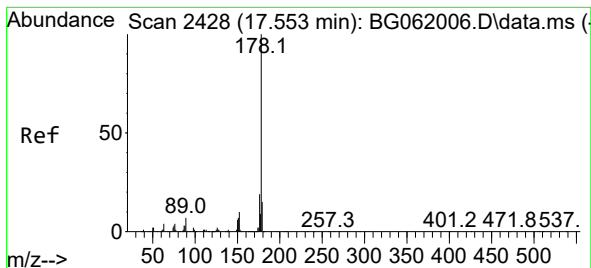
Ion Ratio Lower Upper

178 100

179 15.3 11.9 17.9

176 19.5 15.5 23.3





#74

Anthracene

Concen: 19.056 ng/ul

RT: 17.548 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

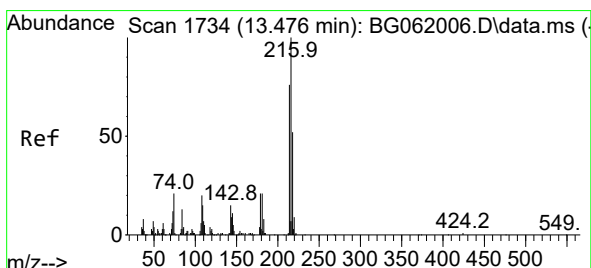
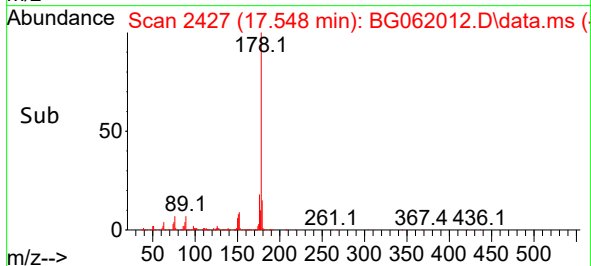
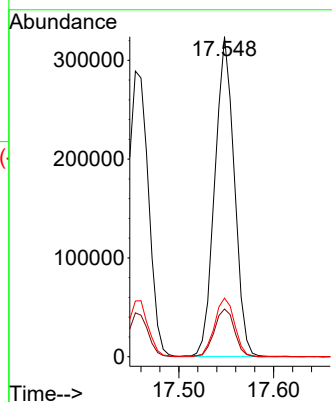
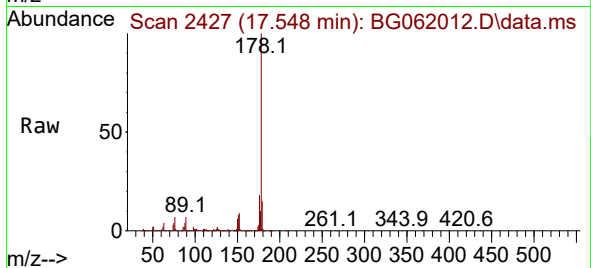
Tgt Ion:178 Resp: 461526

Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

176 18.3 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.493 ng/ul

RT: 13.471 min Scan# 1733

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

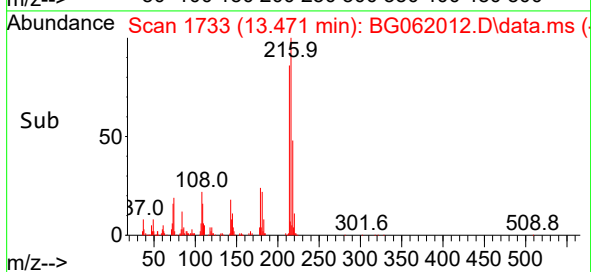
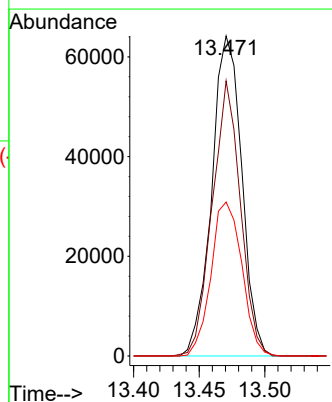
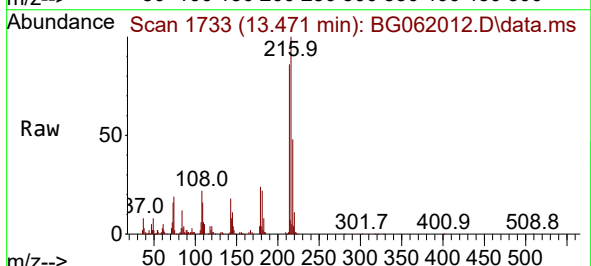
Tgt Ion:216 Resp: 102086

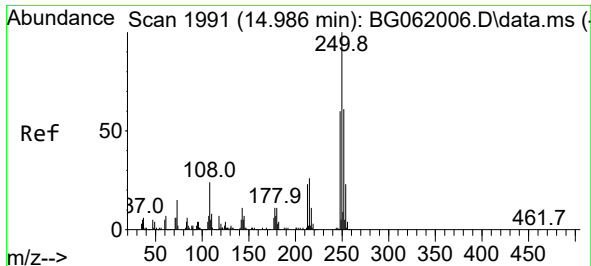
Ion Ratio Lower Upper

216 100

214 86.0 61.7 92.5

218 48.1 35.7 53.5

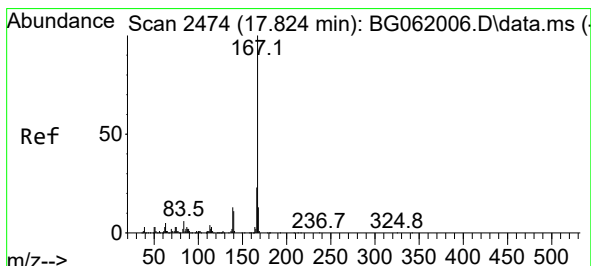
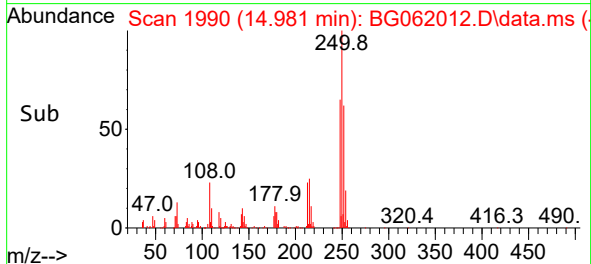
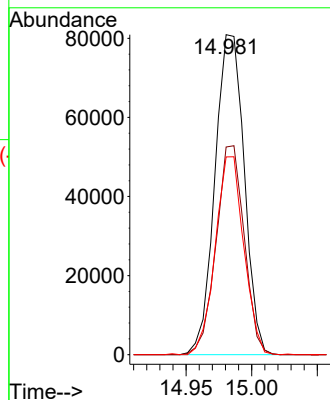
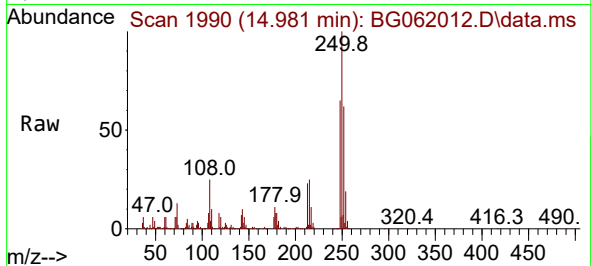




#76
 Pentachlorobenzene
 Concen: 19.951 ng/ul
 RT: 14.981 min Scan# 1990
 Delta R.T. -0.005 min
 Lab File: BG062012.D
 Acq: 11 Jul 2024 16:16

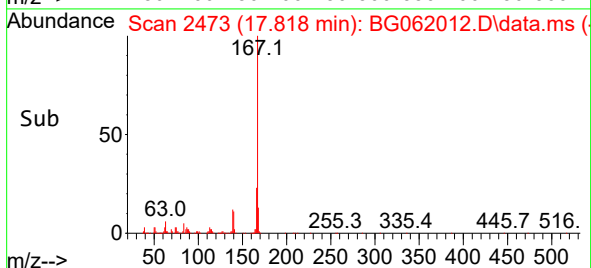
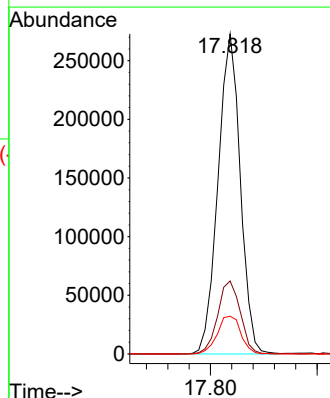
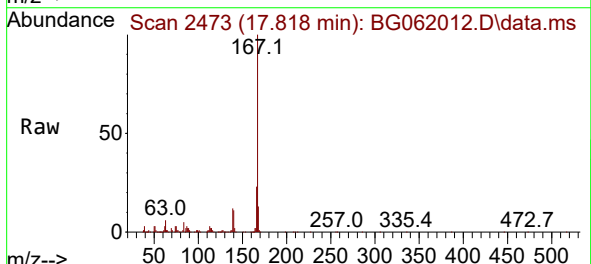
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020567

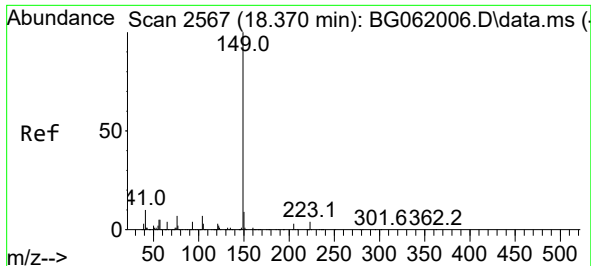
Tgt Ion:250 Resp: 125614
 Ion Ratio Lower Upper
 250 100
 248 64.9 47.5 71.3
 252 61.8 50.0 75.0



#77
 Carbazole
 Concen: 19.358 ng/ul
 RT: 17.818 min Scan# 2473
 Delta R.T. 0.001 min
 Lab File: BG062012.D
 Acq: 11 Jul 2024 16:16

Tgt Ion:167 Resp: 394569
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 11.8 9.6 14.4

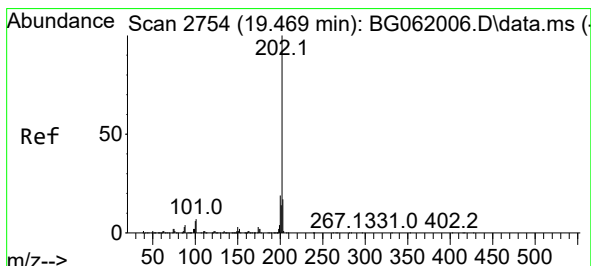
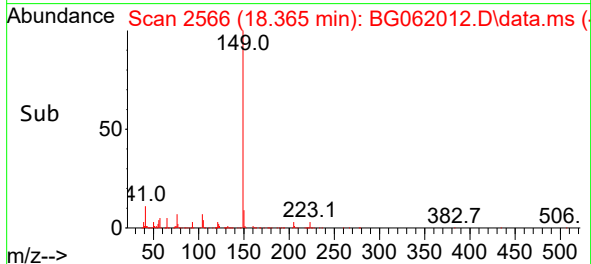
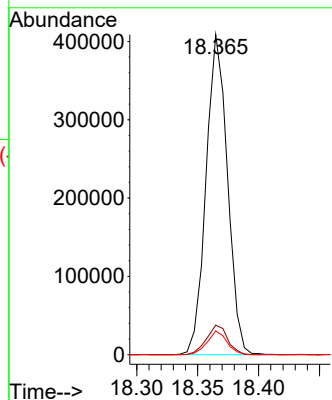
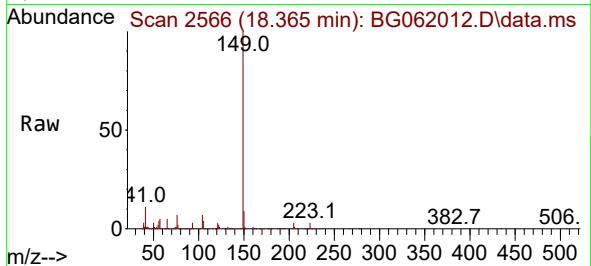




#78
Di-n-butylphthalate
Concen: 19.083 ng/ul
RT: 18.365 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

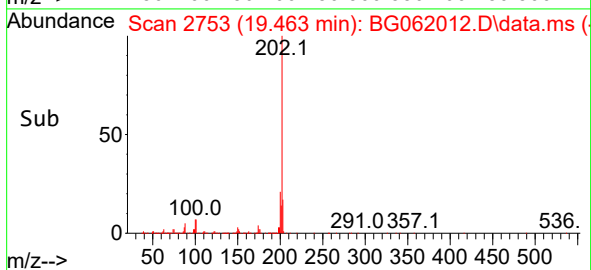
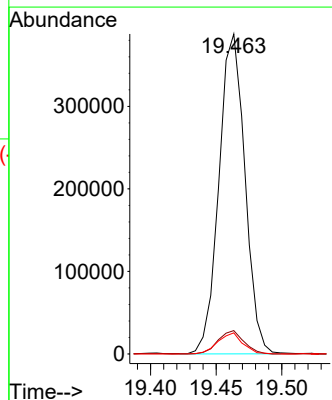
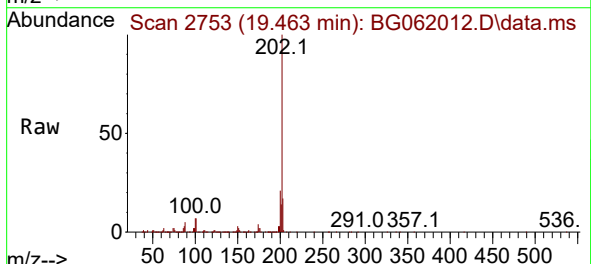
Instrument :
BNA_G
ClientSampleId :
SSTD020567

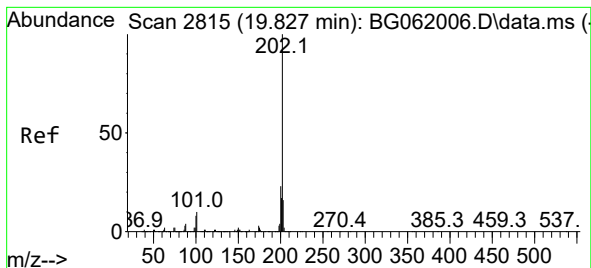
Tgt Ion:149 Resp: 499392
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 7.4 5.0 7.4#



#80
Fluoranthene
Concen: 18.642 ng/ul
RT: 19.463 min Scan# 2753
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:202 Resp: 533652
Ion Ratio Lower Upper
202 100
101 7.3 7.4 11.2#
100 6.6 6.6 10.0#





#82

Pyrene

Concen: 18.375 ng/ul

RT: 19.828 min Scan# 2815

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

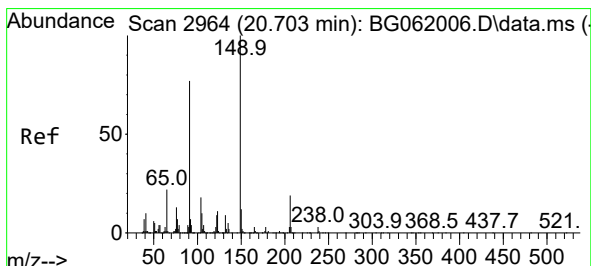
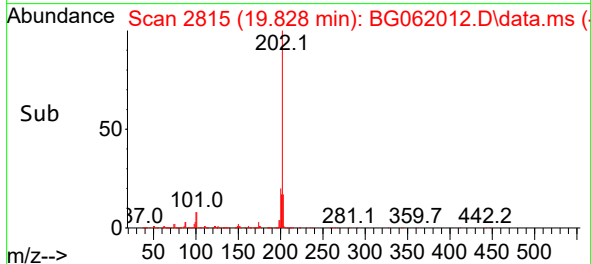
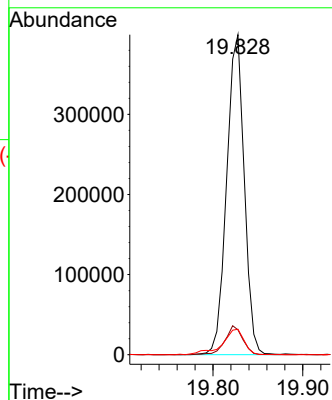
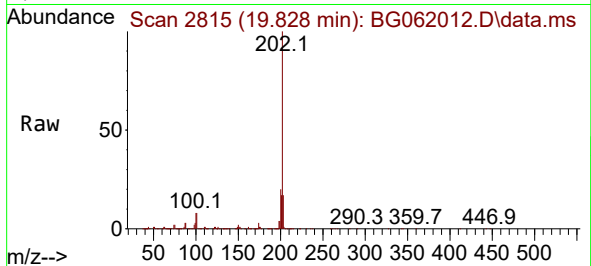
Tgt Ion:202 Resp: 543356

Ion Ratio Lower Upper

202 100

101 7.8 8.8 13.2#

100 8.0 7.6 11.4



#83

Butylbenzylphthalate

Concen: 18.045 ng/ul

RT: 20.703 min Scan# 2964

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

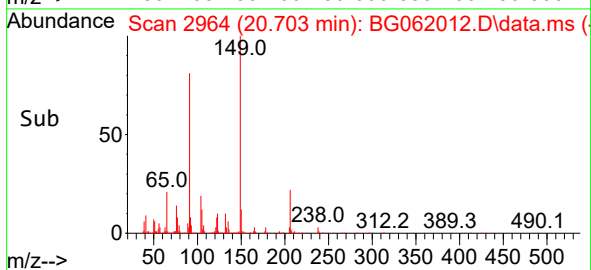
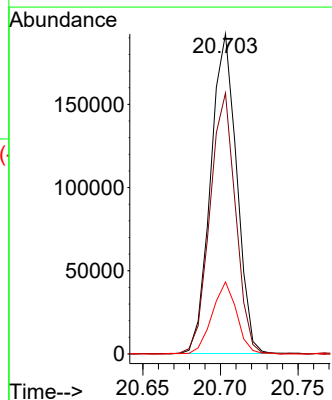
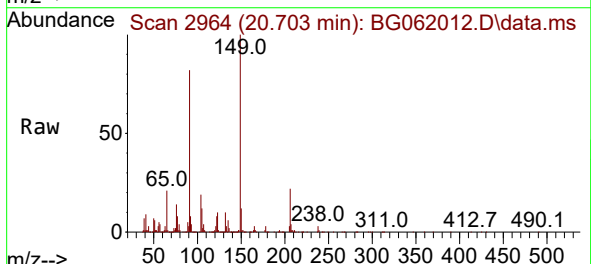
Tgt Ion:149 Resp: 223948

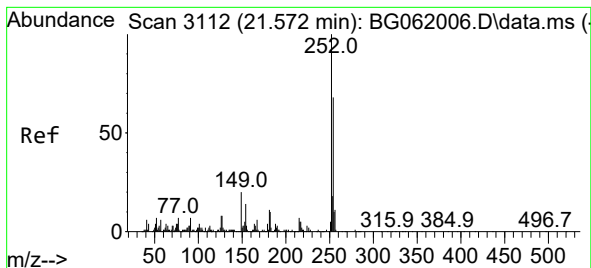
Ion Ratio Lower Upper

149 100

91 81.6 60.6 91.0

206 22.5 14.6 21.8#





#84

3,3'-Dichlorobenzidine

Concen: 20.953 ng/ul

RT: 21.567 min Scan# 3111

Delta R.T. -0.005 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

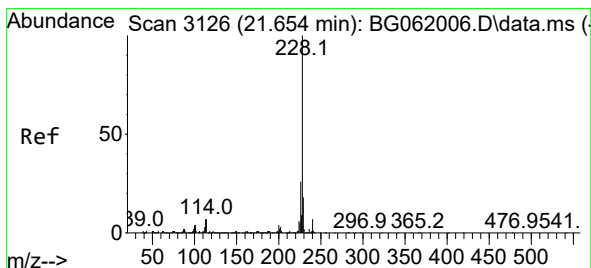
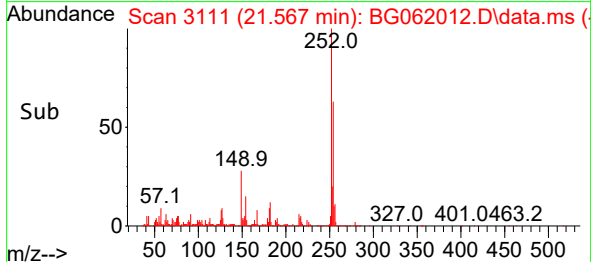
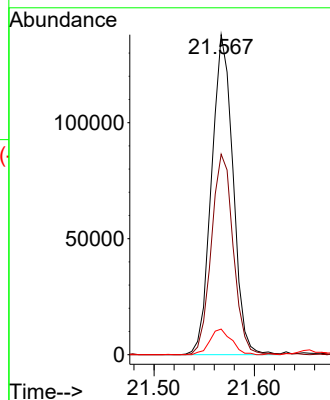
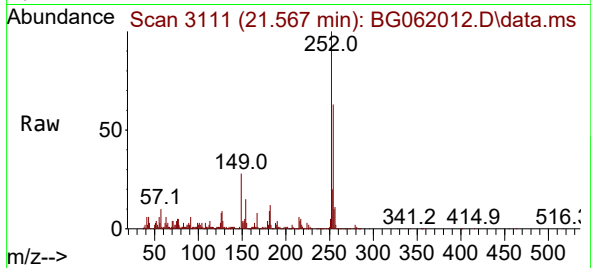
Tgt Ion:252 Resp: 205001

Ion Ratio Lower Upper

252 100

254 62.7 52.8 79.2

126 8.0 6.6 10.0



#85

Benzo(a)anthracene

Concen: 18.830 ng/ul

RT: 21.655 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

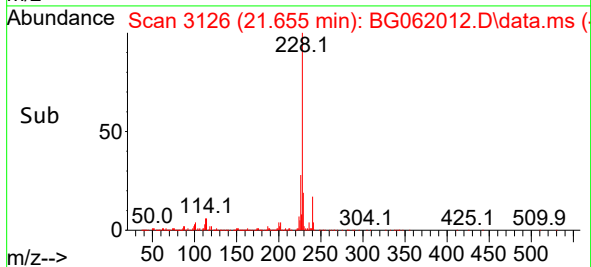
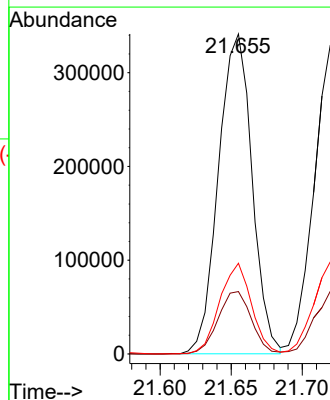
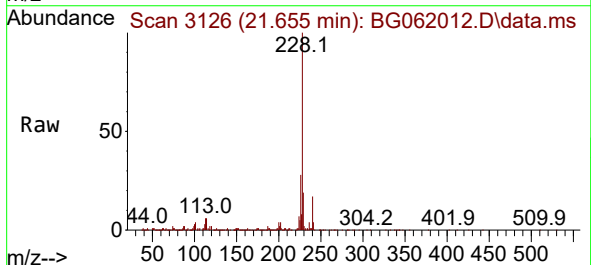
Tgt Ion:228 Resp: 560687

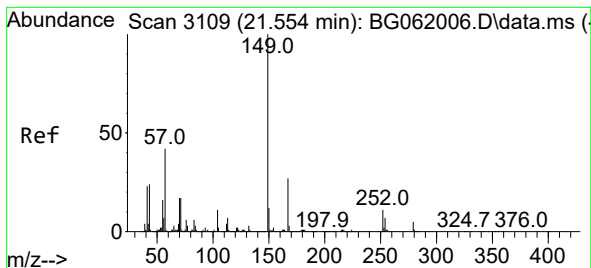
Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 28.4 21.7 32.5

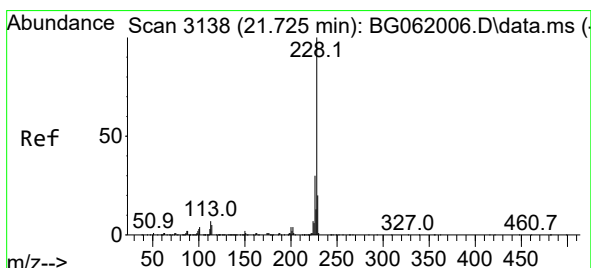
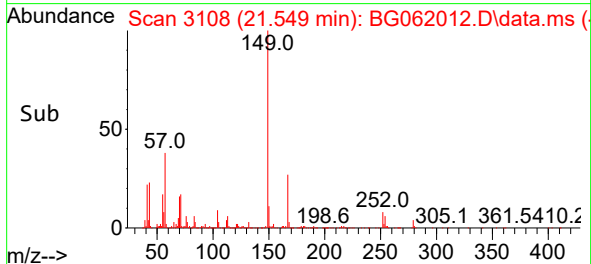
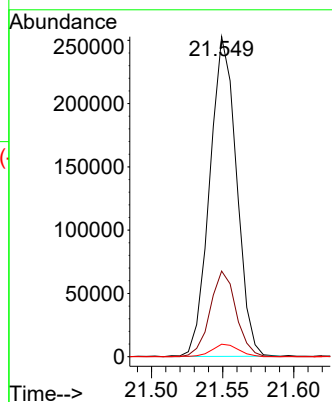
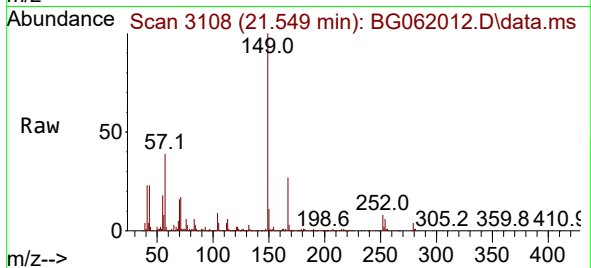




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 18.570 ng/ul
 RT: 21.549 min Scan# 3108
 Delta R.T. -0.005 min
 Lab File: BG062012.D
 Acq: 11 Jul 2024 16:16

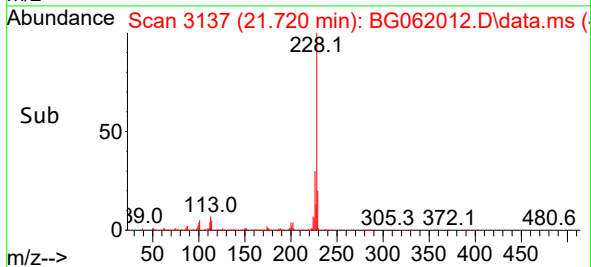
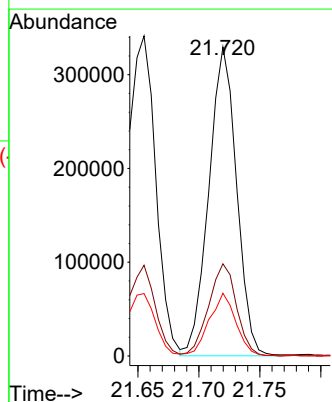
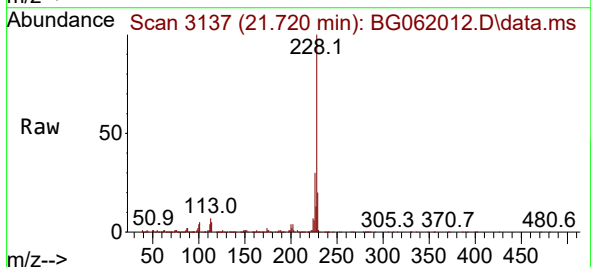
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020567

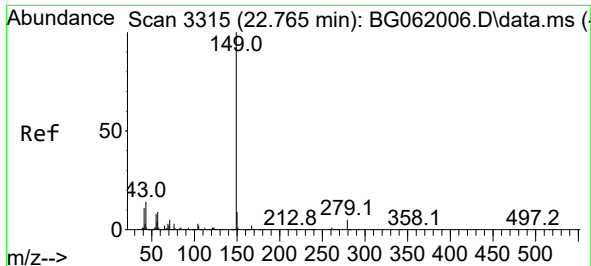
Tgt Ion:149 Resp: 330694
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.7 32.5
 279 3.9 2.8 4.2



#87
 Chrysene
 Concen: 18.722 ng/ul
 RT: 21.720 min Scan# 3137
 Delta R.T. -0.005 min
 Lab File: BG062012.D
 Acq: 11 Jul 2024 16:16

Tgt Ion:228 Resp: 521875
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.3 34.9
 229 20.3 15.5 23.3

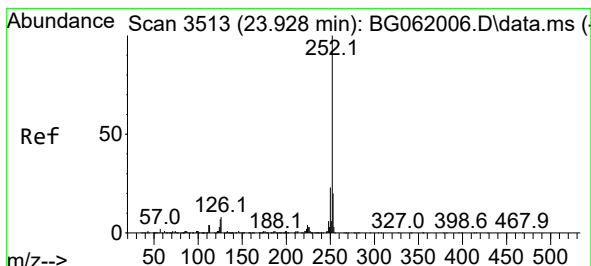
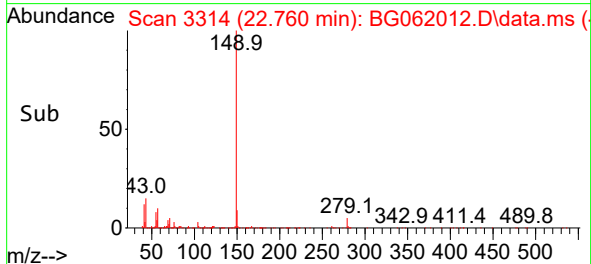
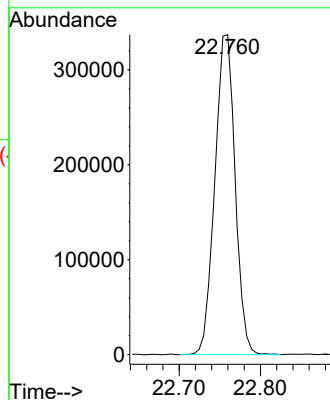
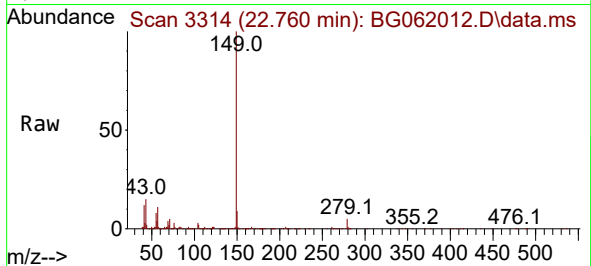




#89
Di-n-octyl phthalate
Concen: 20.017 ng/ul
RT: 22.760 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

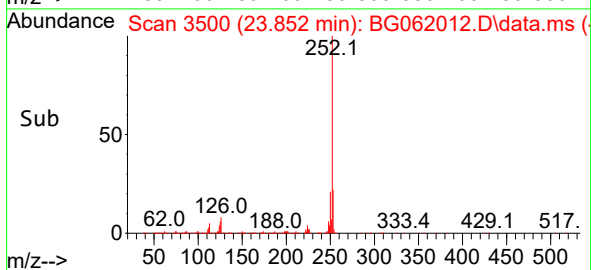
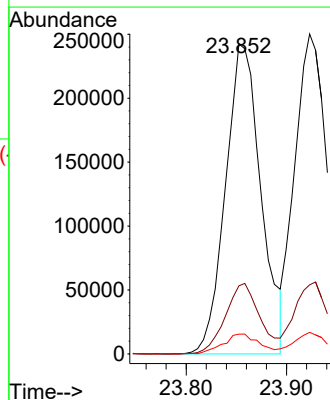
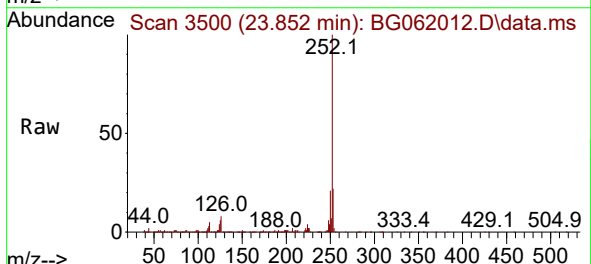
Instrument :
BNA_G
ClientSampleId :
SSTD020567

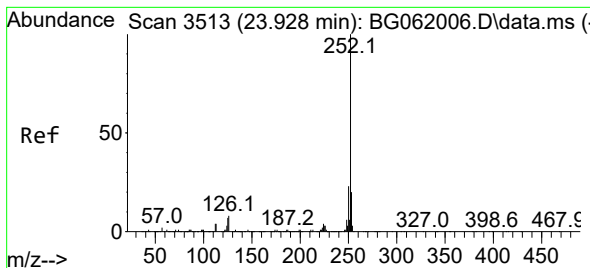
Tgt Ion:149 Resp: 585264



#90
Benzo(b)fluoranthene
Concen: 19.713 ng/ul
RT: 23.852 min Scan# 3500
Delta R.T. -0.005 min
Lab File: BG062012.D
Acq: 11 Jul 2024 16:16

Tgt Ion:252 Resp: 594377
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 6.4 6.1 9.1





#91

Benzo(k)fluoranthene

Concen: 18.636 ng/ul

RT: 23.923 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

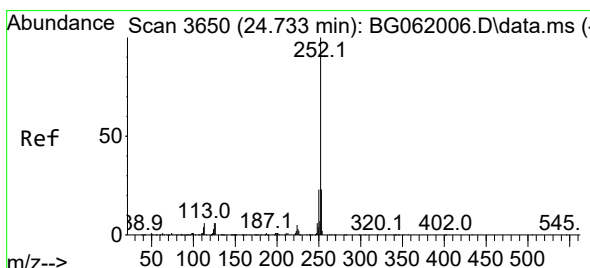
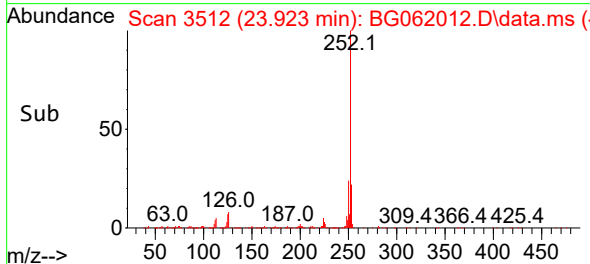
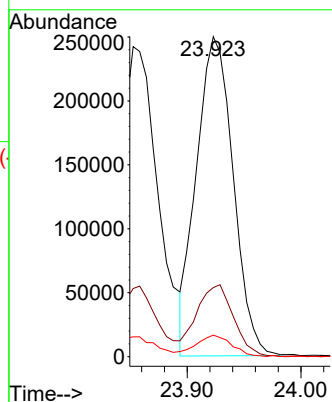
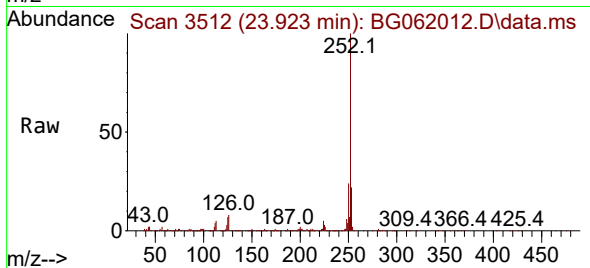
Tgt Ion:252 Resp: 560339

Ion Ratio Lower Upper

252 100

253 21.6 19.3 28.9

125 6.8 6.3 9.5



#93

Benzo(a)pyrene

Concen: 19.359 ng/ul

RT: 24.722 min Scan# 3648

Delta R.T. -0.005 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

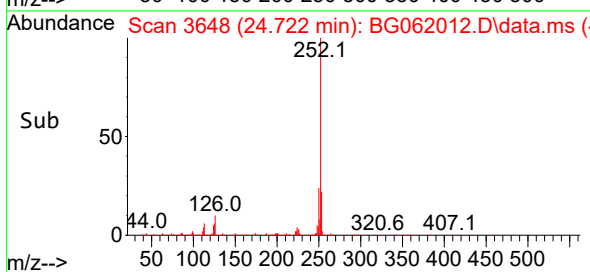
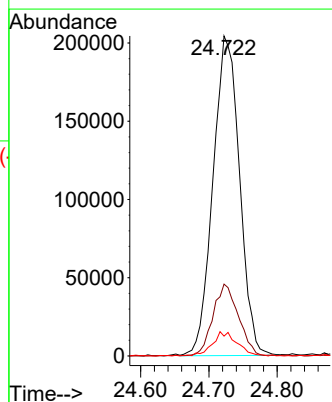
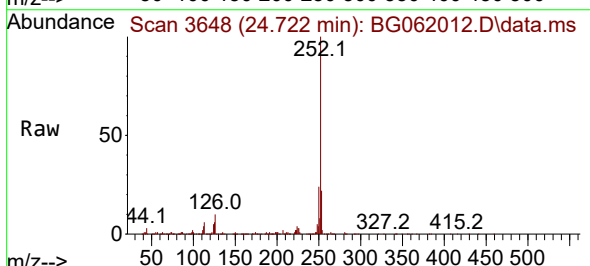
Tgt Ion:252 Resp: 552748

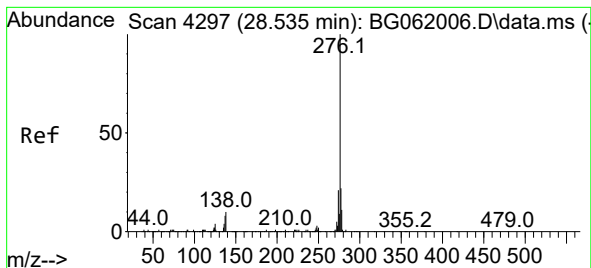
Ion Ratio Lower Upper

252 100

253 22.5 16.5 24.7

125 6.2 7.4 11.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.127 ng/ul

RT: 28.529 min Scan# 4306

Delta R.T. -0.005 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

Instrument :

BNA_G

ClientSampleId :

SSTD020567

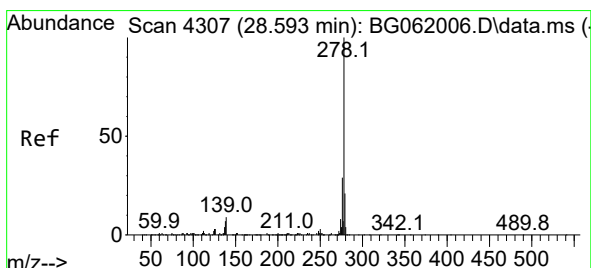
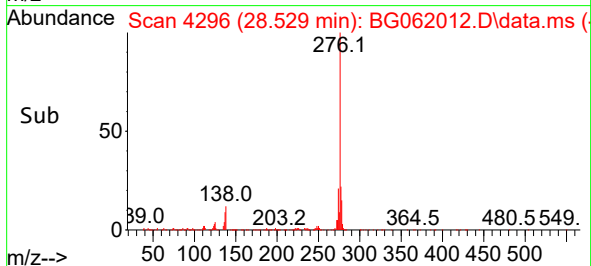
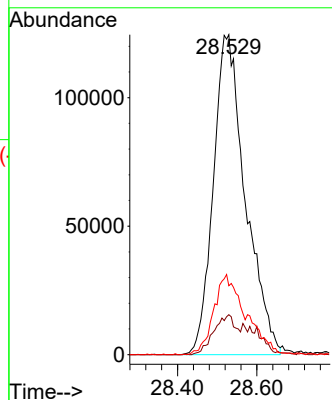
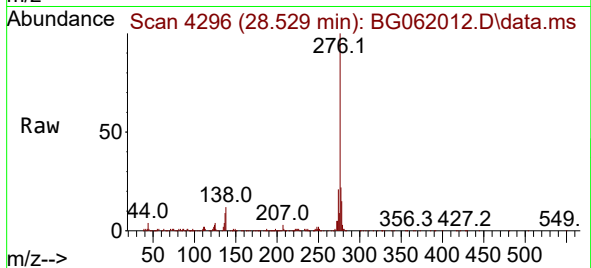
Tgt Ion:276 Resp: 697900

Ion Ratio Lower Upper

276 100

138 12.5 11.9 17.9

277 21.5 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 19.892 ng/ul

RT: 28.588 min Scan# 4306

Delta R.T. -0.005 min

Lab File: BG062012.D

Acq: 11 Jul 2024 16:16

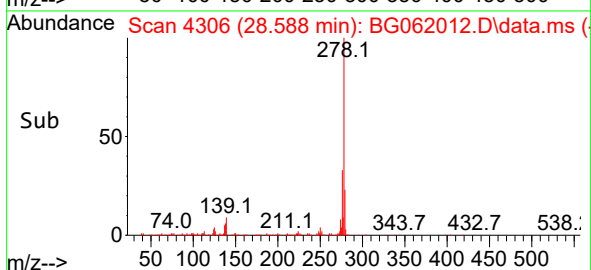
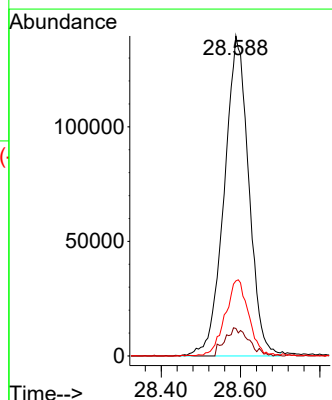
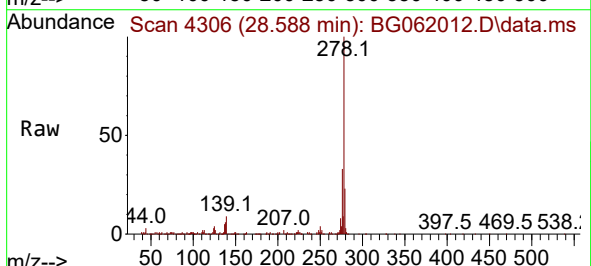
Tgt Ion:278 Resp: 599454

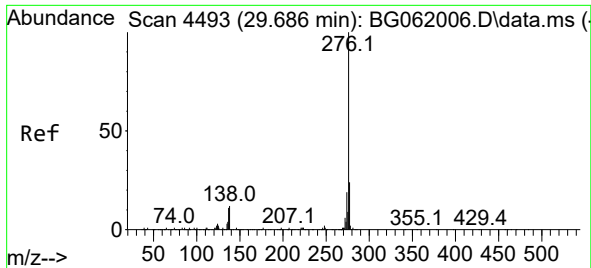
Ion Ratio Lower Upper

278 100

139 8.6 7.6 11.4

279 23.5 18.8 28.2





#96
 Benzo(g,h,i)perylene
 Concen: 19.144 ng/ul
 RT: 29.669 min Scan# 44
 Delta R.T. 0.001 min
 Lab File: BG062012.D
 Acq: 11 Jul 2024 16:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020567

Tgt Ion:276 Resp: 555714
 Ion Ratio Lower Upper
 276 100
 138 11.6 11.1 16.7
 277 22.6 18.8 28.2

