

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121124\
 Data File : BG063651.D
 Acq On : 11 Dec 2024 13:23
 Operator : RC/JU
 Sample : SST00588
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005431

Quant Time: Dec 11 23:23:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:17:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	145085	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	632269	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.453	164	487238	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.203	188	1199547	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	1212282	20.000	ng/ul	0.00
88) Perylene-d12	24.477	264	1319266	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	6468	1.968	ng/uL	0.00
4) Pyridine-d5	3.690	84	45498	3.742	ng/ul	0.00
7) Phenol-d5	6.997	99	52744	3.692	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.144	67	37904	3.924	ng/ul	0.00
11) 2-Chlorophenol-d4	7.350	132	38563	4.583	ng/ul	0.00
15) 4-Methylphenol-d8	8.525	113	46704	4.410	ng/ul	0.00
21) Nitrobenzene-d5	8.972	128	19803	4.462	ng/ul	0.00
24) 2-Nitrophenol-d4	9.694	143	23540	4.635	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.235	165	40896	3.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	53115	4.019	ng/ul	0.00
46) Dimethylphthalate-d6	13.860	166	162154	4.579	ng/ul	0.00
49) Acenaphthylene-d8	14.142	160	185292	4.787	ng/ul	0.00
54) 4-Nitrophenol-d4	14.677	143	14327	3.160	ng/ul	0.00
60) Fluorene-d10	15.446	176	142728	4.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	22974	3.390	ng/ul	0.00
73) Anthracene-d10	17.203	188	1199547	21.900	ng/ul	-0.10
81) Pyrene-d10	19.600	212	306493	4.561	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.271	264	285560	4.310	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.319	88	7539	1.723	ng/uL	91
5) Pyridine	3.713	79	47921	3.796	ng/ul#	82
6) Benzaldehyde	6.956	77	42045	4.600	ng/ul	93
8) Phenol	7.021	94	58032	3.779	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.238	93	43981	4.146	ng/ul#	94
12) 2-Chlorophenol	7.379	128	36074	4.236	ng/ul	91
13) 2-Methylphenol	8.267	108	47749	4.456	ng/ul	81
14) 2,2'-oxybis(1-Chloropr...	8.331	45	74658	5.233	ng/ul#	92
16) Acetophenone	8.625	105	83212	4.268	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.613	70	48675	4.382	ng/ul	91
18) 4-Methylphenol	8.590	108	48572	4.128	ng/ul	98
19) Hexachloroethane	8.889	117	21299	4.681	ng/ul	94
22) Nitrobenzene	9.013	77	66968	3.730	ng/ul	94
23) Isophorone	9.530	82	138384	4.275	ng/ul	98
25) 2-Nitrophenol	9.718	139	21948	4.337	ng/ul	97
26) 2,4-Dimethylphenol	9.782	107	54384	3.944	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.012	93	73756	4.877	ng/ul	91
29) 2,4-Dichlorophenol	10.258	162	42504	3.878	ng/ul	92
30) Naphthalene	10.652	128	151221	4.646	ng/ul#	97
32) 4-Chloroaniline	10.769	127	54043	4.317	ng/ul	90
33) Hexachlorobutadiene	10.940	225	37063	3.277	ng/ul	95
34) Caprolactam	11.510	113	15895	4.430	ng/ul	86
35) 4-Chloro-3-methylphenol	11.903	107	54020	3.951	ng/ul	96
36) 2-Methylnaphthalene	12.268	142	113064	4.506	ng/ul	97

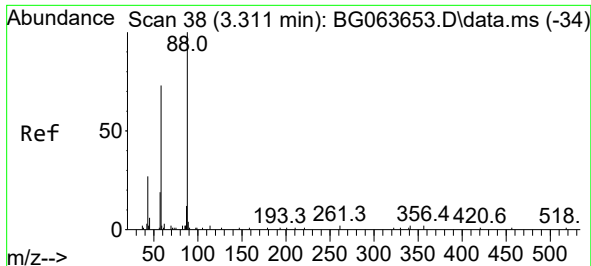
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121124\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.485	142	111949	4.400	ng/ul#	87
39) 1,2,4,5-Tetrachloroben...	12.644	216	73633	3.887	ng/ul#	97
40) Hexachlorocyclopentadiene	12.620	237	13154	1.663	ng/ul	88
41) 2,4,6-Trichlorophenol	12.885	196	40010	4.283	ng/ul#	89
42) 2,4,5-Trichlorophenol	12.967	196	40516	4.020	ng/ul	96
43) 1,1'-Biphenyl	13.284	154	154549	4.778	ng/ul	95
44) 2-Chloronaphthalene	13.325	162	123508	4.633	ng/ul	99
45) 2-Nitroaniline	13.531	65	37285	4.282	ng/ul	95
47) Dimethylphthalate	13.907	163	163338	4.559	ng/ul	96
48) 2,6-Dinitrotoluene	14.030	165	26438	4.000	ng/ul	97
50) Acenaphthylene	14.171	152	201219	4.943	ng/ul	99
51) 3-Nitroaniline	14.365	138	23679	4.250	ng/ul#	83
52) Acenaphthene	14.518	153	140704	4.761	ng/ul	96
53) 2,4-Dinitrophenol	14.589	184	7636	2.340	ng/ul#	72
55) 4-Nitrophenol	14.694	109	15285	2.194	ng/ul#	65
56) Dibenzofuran	14.853	168	195473	4.279	ng/ul	96
57) 2,4-Dinitrotoluene	14.824	165	40705	3.905	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.088	232	33544	3.558	ng/ul#	95
59) Diethylphthalate	15.270	149	157110	4.500	ng/ul	95
61) Fluorene	15.505	166	162947	4.380	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.499	204	89794	3.748	ng/ul	96
63) 4-Nitroaniline	15.534	138	19494	3.254	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.599	198	20137	2.976	ng/ul#	98
67) N-Nitrosodiphenylamine	15.711	169	135139	4.811	ng/ul	95
68) 4-Bromophenyl-phenylether	16.439	248	489	0.034	ng/ul	87
69) Hexachlorobenzene	16.516	284	66869	4.383	ng/ul	97
70) Atrazine	16.663	200	57917	4.411	ng/ul	96
71) Pentachlorophenol	16.868	266	20981	3.911	ng/ul	88
72) Phenanthrene	17.244	178	289010	4.891	ng/ul	98
74) Anthracene	17.338	178	287155	4.706	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.249	216	70495	4.164	ng/ul	97
76) Pentachlorobenzene	14.777	250	73957	4.181	ng/ul	96
77) Carbazole	17.609	167	236104	4.830	ng/ul	95
78) Di-n-butylphthalate	18.173	149	286991	5.499	ng/ul#	96
80) Fluoranthene	19.271	202	357330	4.732	ng/ul	98
82) Pyrene	19.630	202	383421	4.776	ng/ul	99
83) Butylbenzylphthalate	20.529	149	115902	6.856	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	101647	4.898	ng/ul#	88
85) Benzo(a)anthracene	21.439	228	380055	4.649	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.351	149	170743	6.718	ng/ul	98
87) Chrysene	21.504	228	372211	4.846	ng/ul	99
89) Di-n-octyl phthalate	22.491	149	294436	6.386	ng/ul	100
90) Benzo(b)fluoranthene	23.519	252	350763	4.280	ng/ul	94
91) Benzo(k)fluoranthene	23.590	252	359352	4.411	ng/ul	96
93) Benzo(a)pyrene	24.336	252	326150	4.243	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.879	276	351846	3.795	ng/ul	98
95) Dibenzo(a,h)anthracene	27.938	278	282378	3.797	ng/ul	97
96) Benzo(g,h,i)perylene	28.948	276	304920	4.327	ng/ul#	96

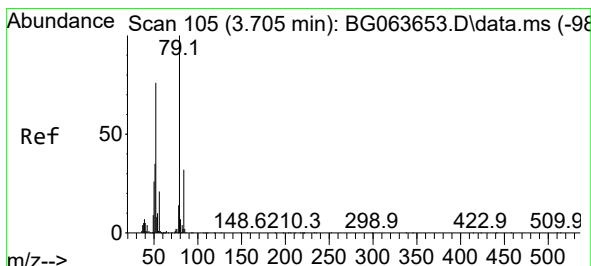
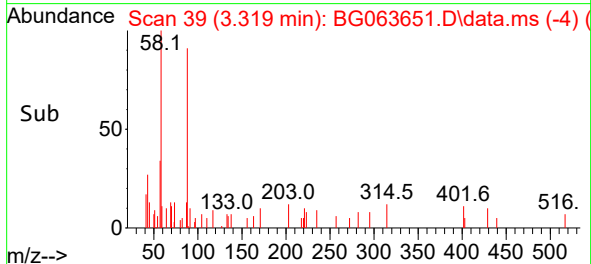
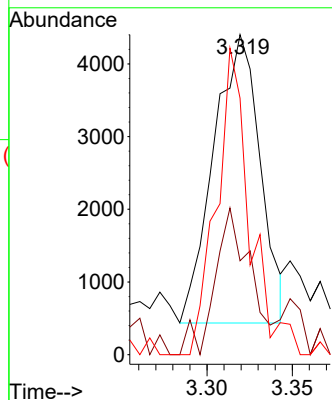
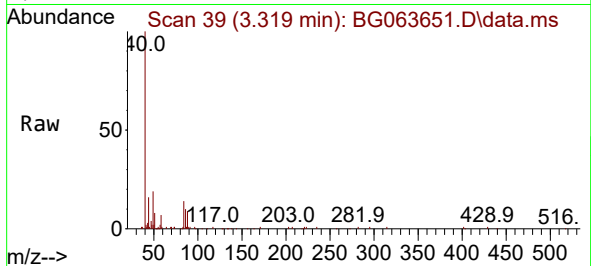
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.723 ng/uL
RT: 3.319 min Scan# 38
Delta R.T. 0.008 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

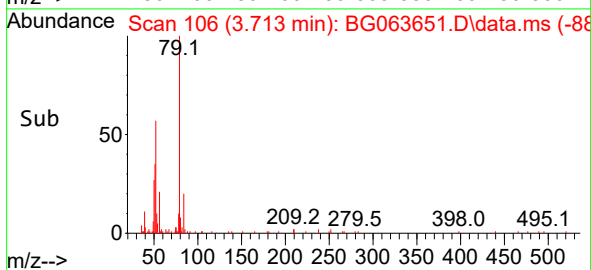
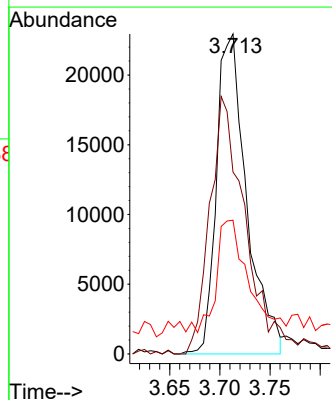
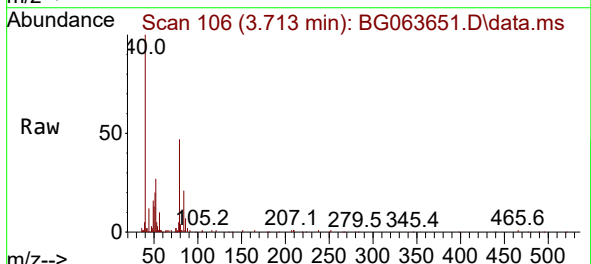
Instrument :
BNA_G
ClientSampleId :
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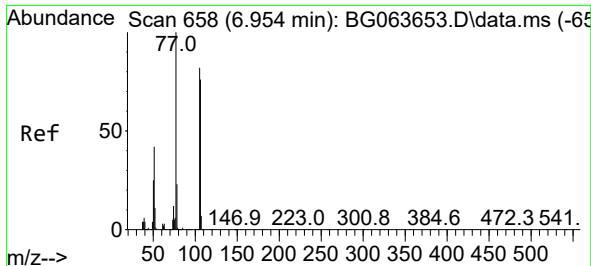
Tgt Ion: 88 Resp: 7539
Ion Ratio Lower Upper
88 100
43 29.4 20.9 31.3
58 80.2 57.7 86.5



#5
Pyridine
Concen: 3.796 ng/uL
RT: 3.713 min Scan# 106
Delta R.T. 0.008 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion: 79 Resp: 47921
Ion Ratio Lower Upper
79 100
52 56.8 60.9 91.3#
51 41.8 29.5 44.3

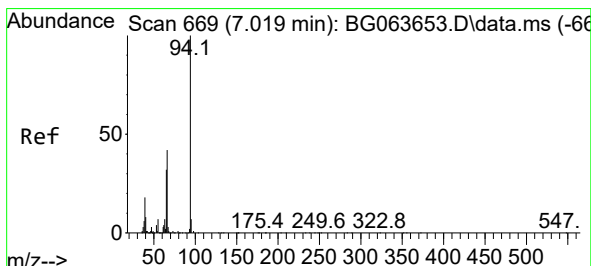
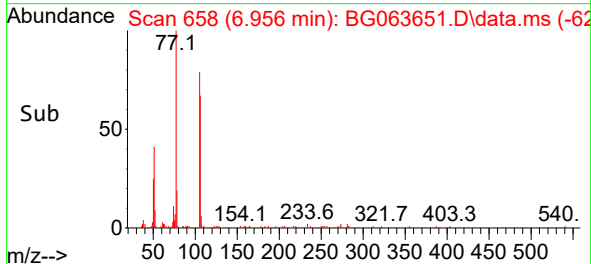
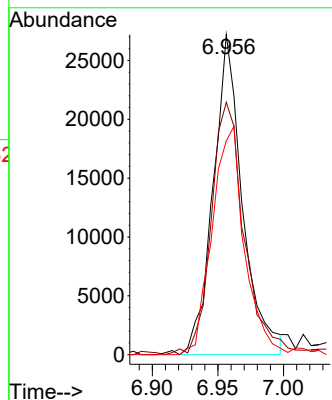
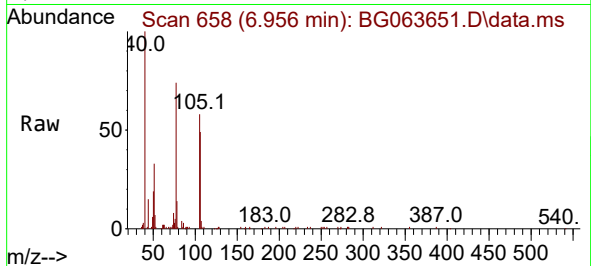




#6
Benzaldehyde
Concen: 4.600 ng/ul
RT: 6.956 min Scan# 658
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

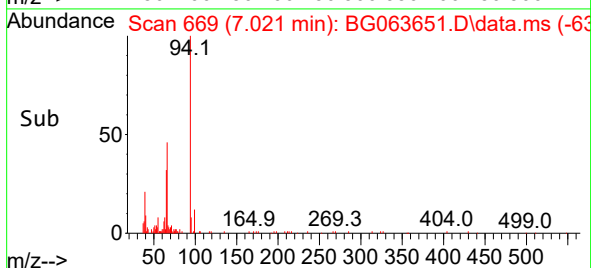
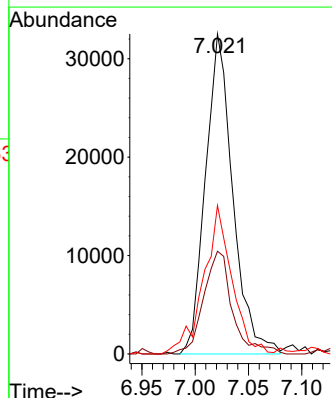
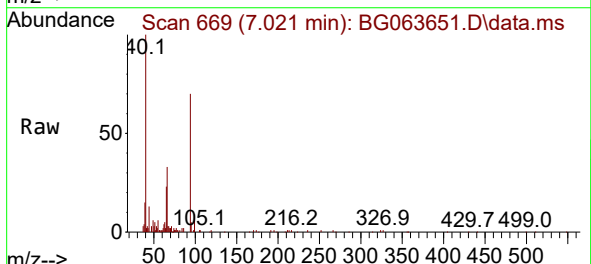
Instrument :
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ClientSampleId :
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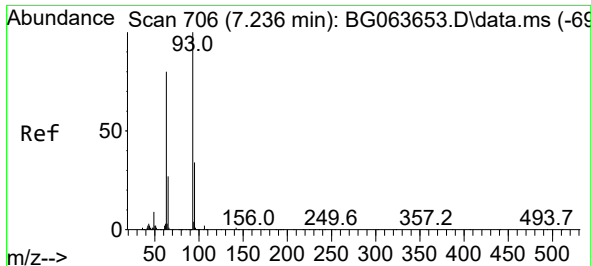
Tgt Ion: 77 Resp: 42045
Ion Ratio Lower Upper
77 100
105 78.8 65.2 97.8
106 66.8 61.0 91.4



#8
Phenol
Concen: 3.779 ng/ul
RT: 7.021 min Scan# 669
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion: 94 Resp: 58032
Ion Ratio Lower Upper
94 100
65 32.1 25.6 38.4
66 46.4 34.2 51.2

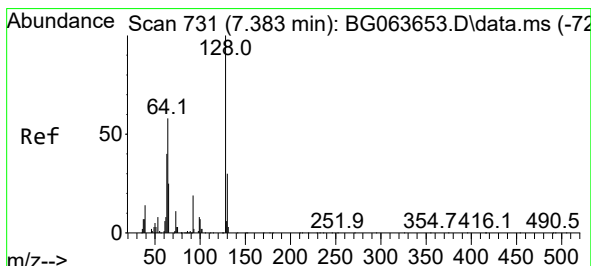
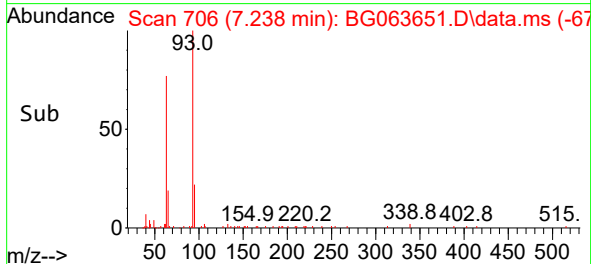
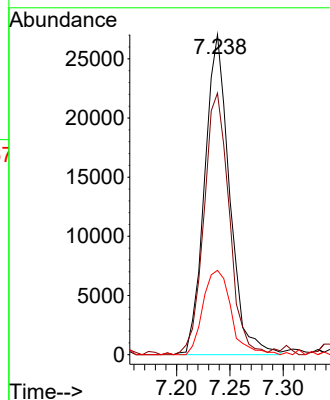
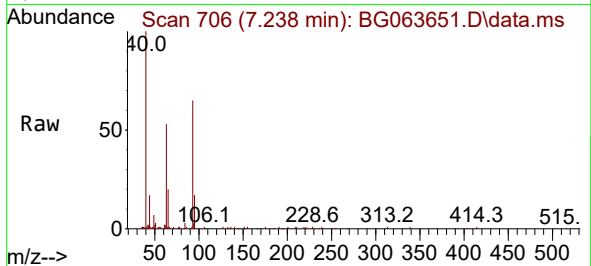




#10
Bis(2-Chloroethyl)ether
Concen: 4.146 ng/ul
RT: 7.238 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

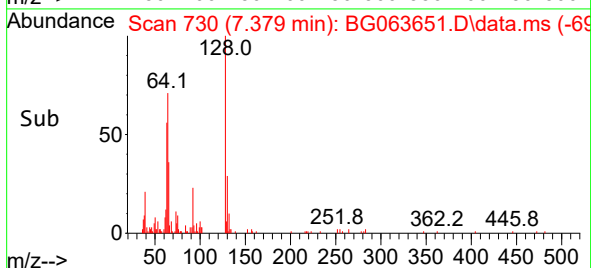
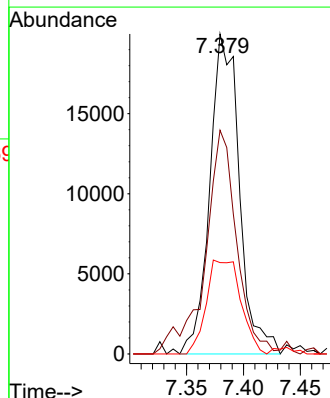
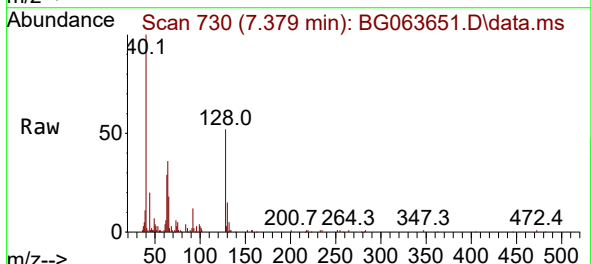
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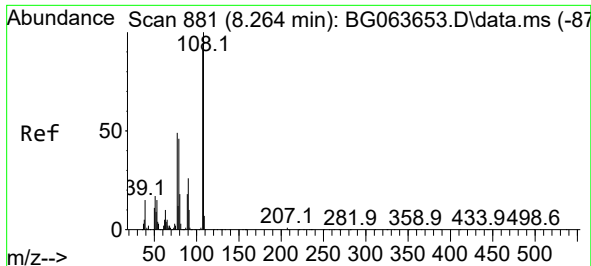
Tgt Ion: 93 Resp: 43981
Ion Ratio Lower Upper
93 100
63 81.7 63.8 95.6
95 26.4 27.6 41.4#



#12
2-Chlorophenol
Concen: 4.236 ng/ul
RT: 7.379 min Scan# 730
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:128 Resp: 36074
Ion Ratio Lower Upper
128 100
64 69.9 48.9 73.3
130 28.6 24.2 36.2





#13

2-Methylphenol

Concen: 4.456 ng/ul

RT: 8.267 min Scan# 881

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

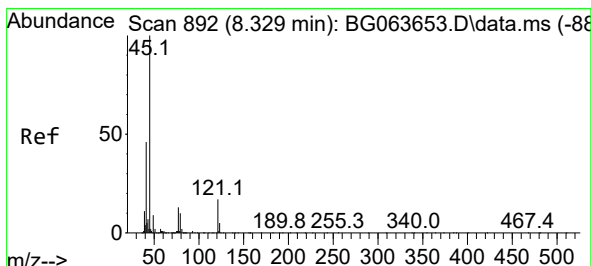
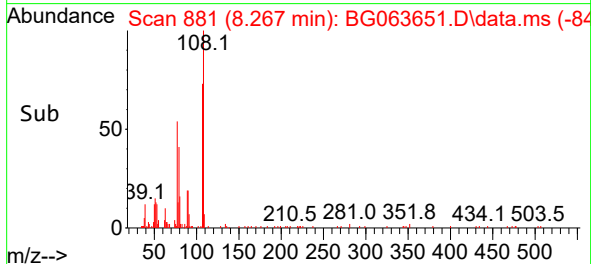
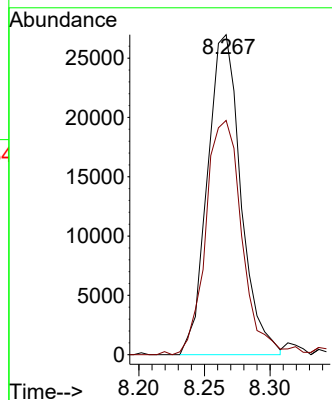
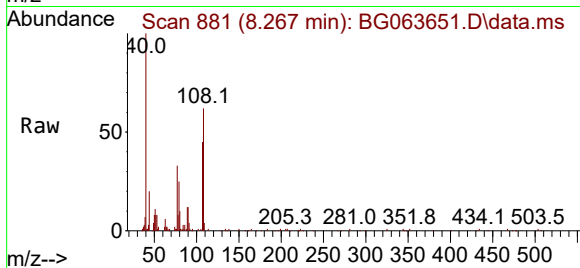
SSTD005431

Tgt Ion:108 Resp: 47749

Ion Ratio Lower Upper

108 100

107 73.2 72.6 108.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.233 ng/ul

RT: 8.331 min Scan# 892

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

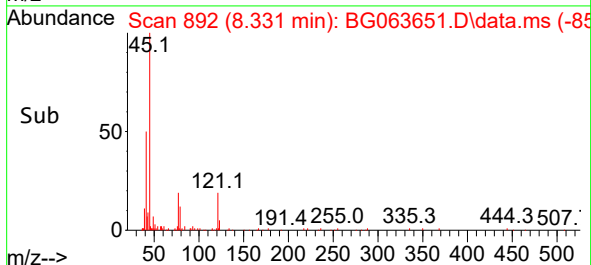
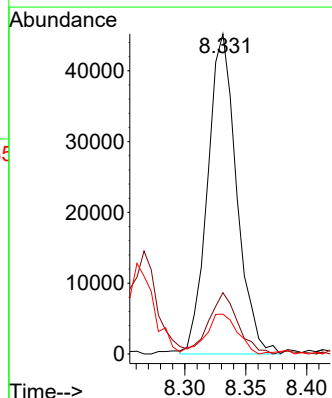
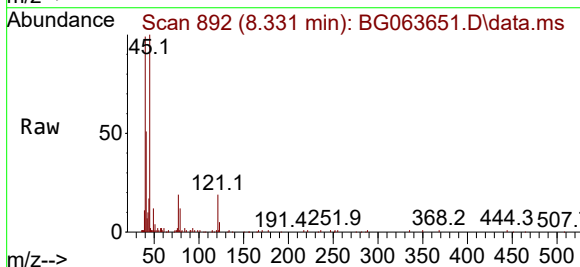
Tgt Ion: 45 Resp: 74658

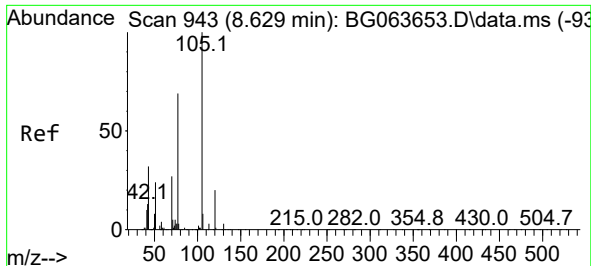
Ion Ratio Lower Upper

45 100

77 19.1 11.5 17.3#

79 12.5 9.2 13.8

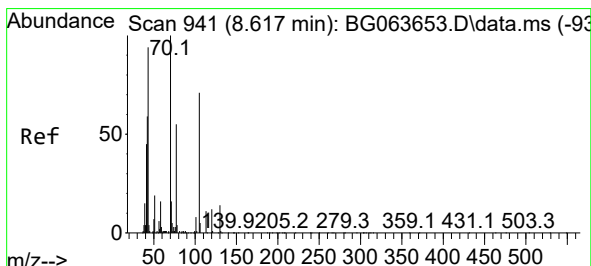
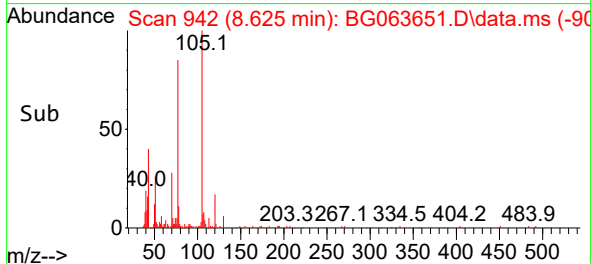
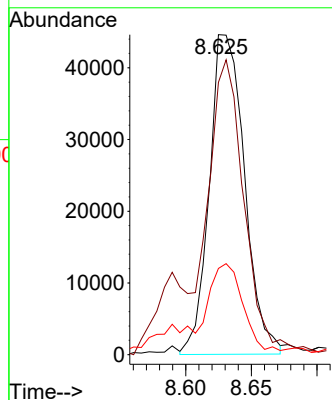
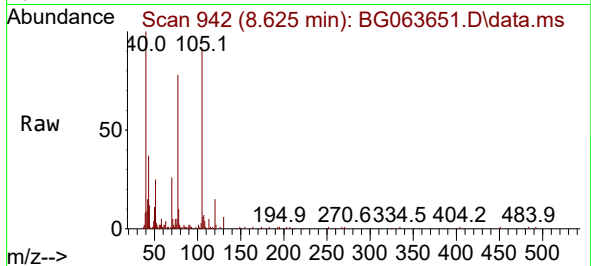




#16
Acetophenone
Concen: 4.268 ng/ul
RT: 8.625 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

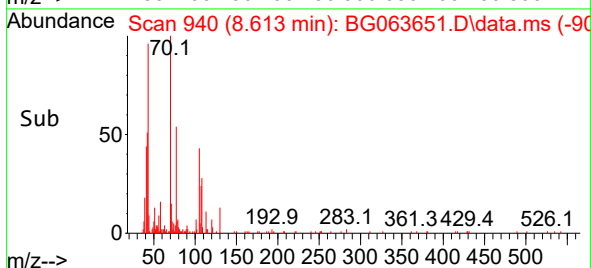
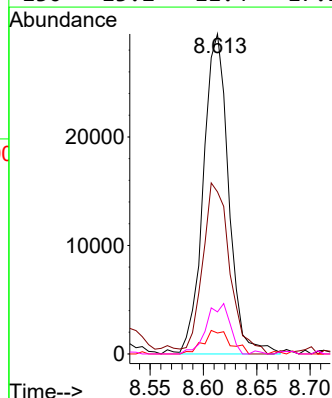
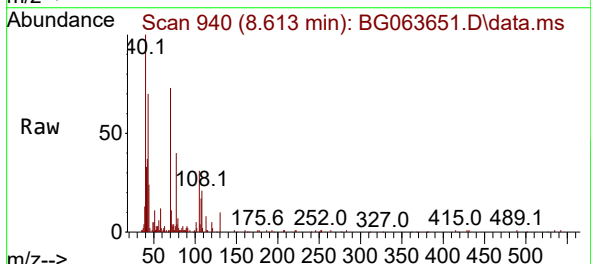
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ClientSampleId :
SSTD005431

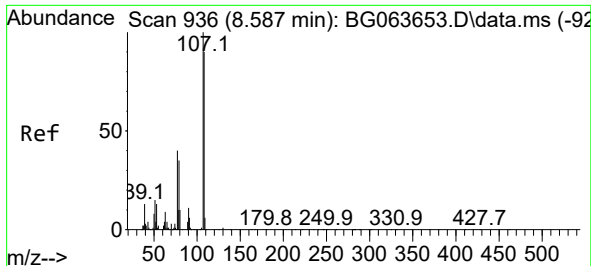
Tgt Ion:105 Resp: 83212
Ion Ratio Lower Upper
105 100
77 85.1 73.6 110.4
51 27.0 25.4 38.2



#17
N-Nitroso-di-n-propylamine
Concen: 4.382 ng/ul
RT: 8.613 min Scan# 940
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion: 70 Resp: 48675
Ion Ratio Lower Upper
70 100
42 50.6 47.4 71.0
101 6.6 6.1 9.1
130 13.2 11.4 17.2

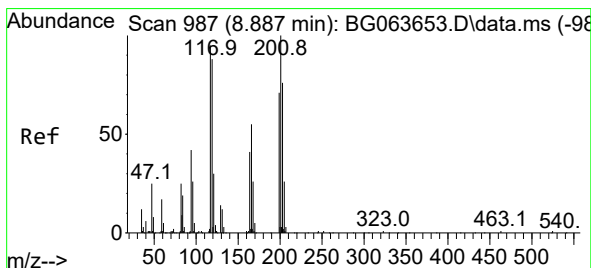
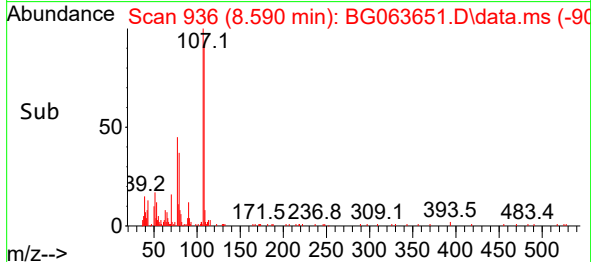
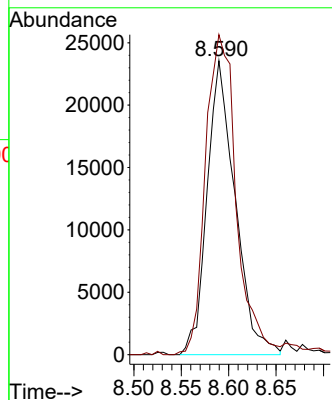
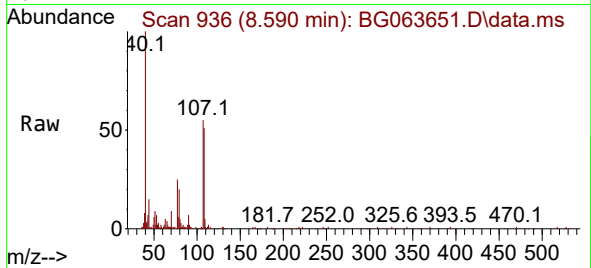




#18
4-Methylphenol
Concen: 4.128 ng/ul
RT: 8.590 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

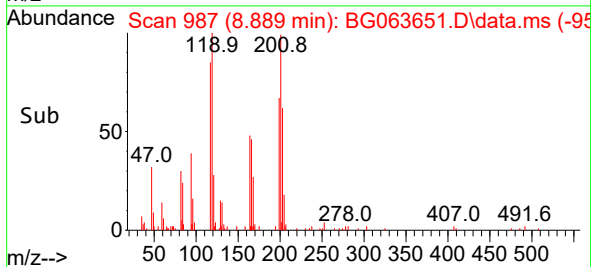
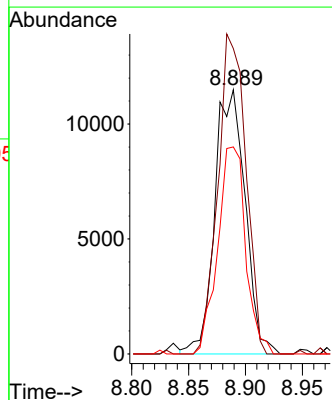
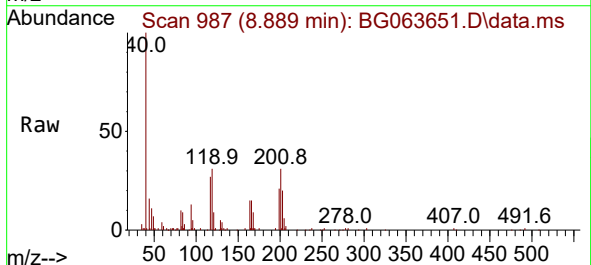
Instrument :
BNA_G
ClientSampleId :
SSTD005431

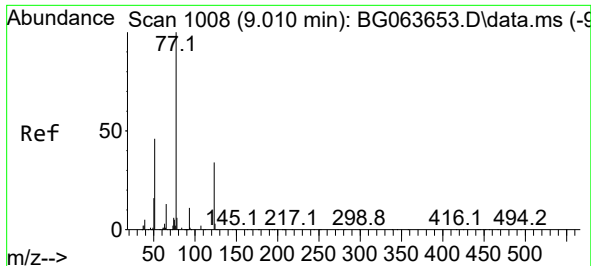
Tgt Ion:108 Resp: 48572
Ion Ratio Lower Upper
108 100
107 108.9 89.2 133.8



#19
Hexachloroethane
Concen: 4.681 ng/ul
RT: 8.889 min Scan# 987
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:117 Resp: 21299
Ion Ratio Lower Upper
117 100
201 115.6 86.8 130.2
199 78.4 59.4 89.2

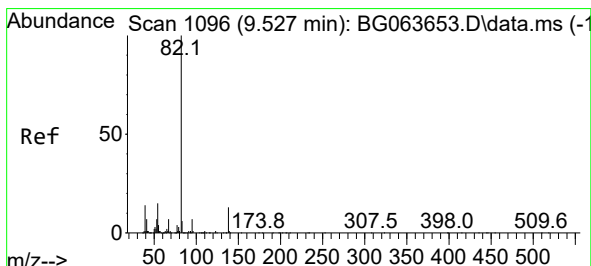
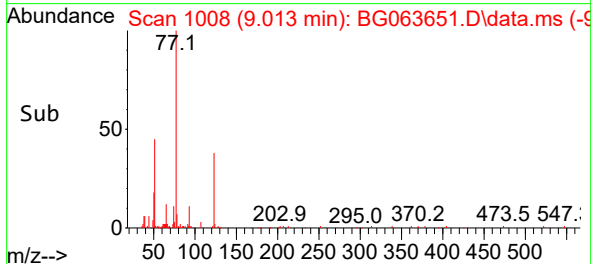
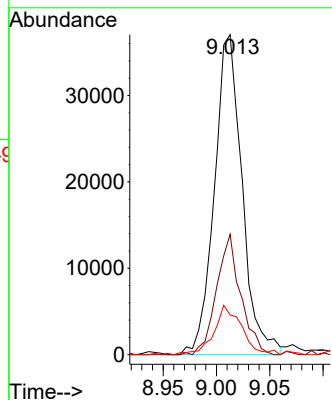
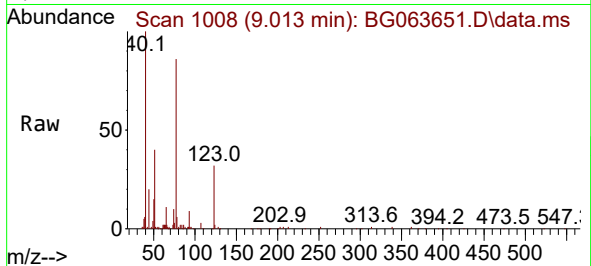




#22
Nitrobenzene
Concen: 3.730 ng/ul
RT: 9.013 min Scan# 1008
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

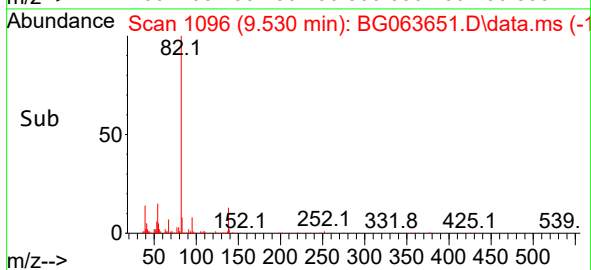
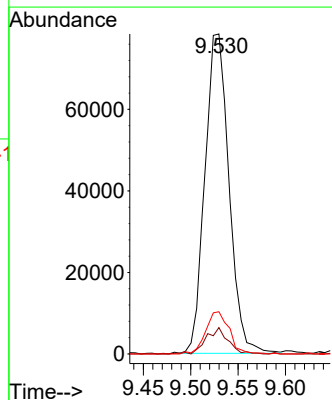
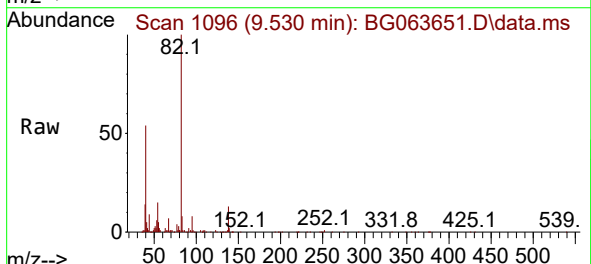
Instrument :
BNA_G
ClientSampleId :
SSTD005431

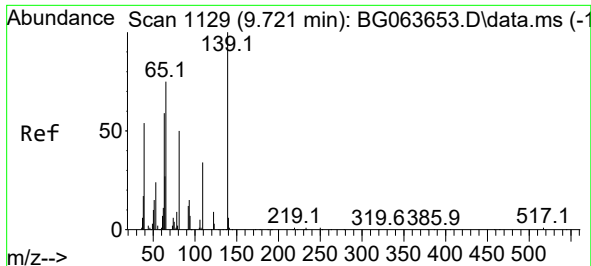
Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.6	27.0	40.4
65	12.4	10.8	16.2



#23
Isophorone
Concen: 4.275 ng/ul
RT: 9.530 min Scan# 1096
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	5.8	8.6
138	13.2	10.3	15.5

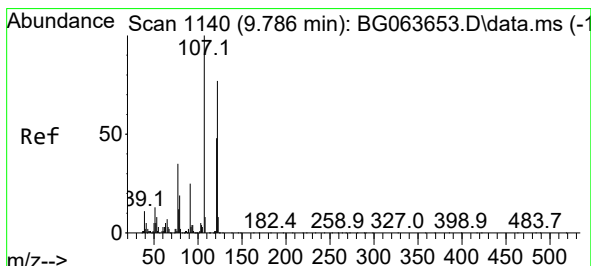
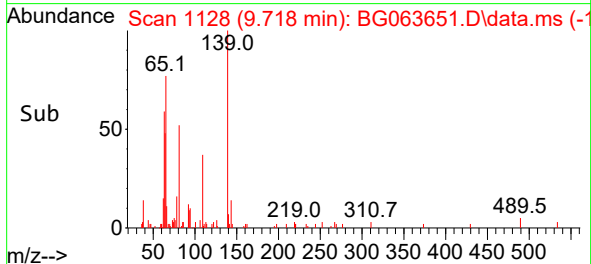
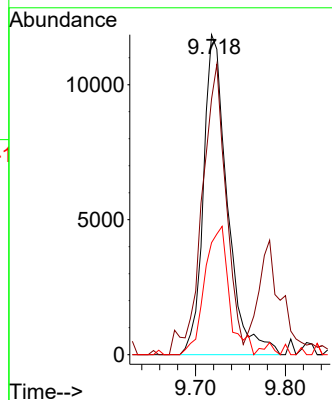
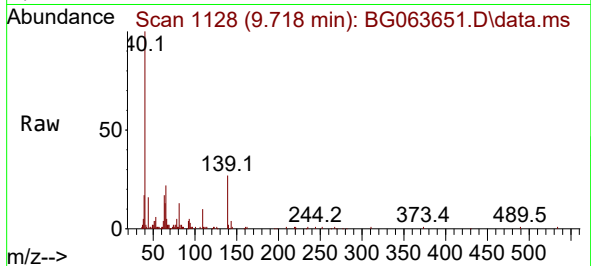




#25
2-Nitrophenol
Concen: 4.337 ng/ul
RT: 9.718 min Scan# 1128
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

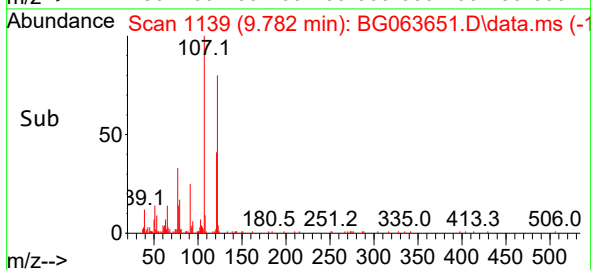
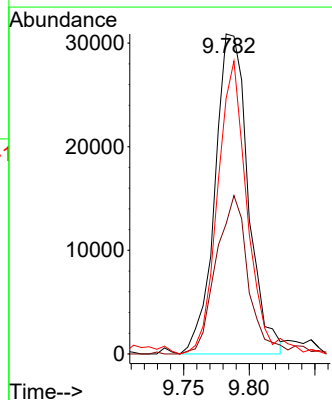
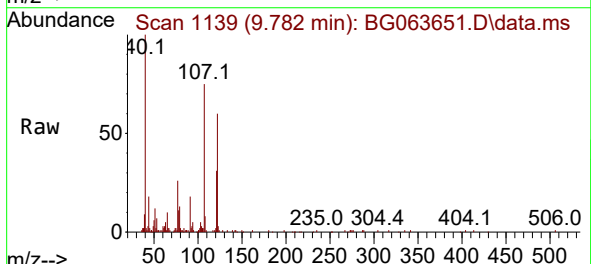
Instrument :
BNA_G
ClientSampleId :
SSTD005431

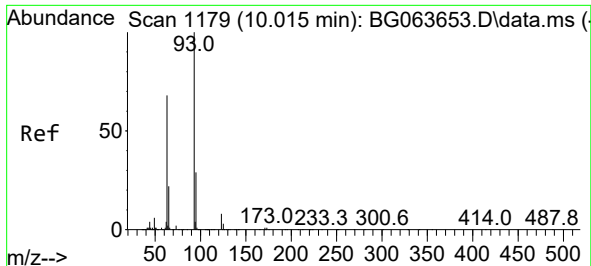
Tgt Ion:139 Resp: 21948
Ion Ratio Lower Upper
139 100
65 79.9 62.2 93.2
109 35.0 26.9 40.3



#26
2,4-Dimethylphenol
Concen: 3.944 ng/ul
RT: 9.782 min Scan# 1139
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:107 Resp: 54384
Ion Ratio Lower Upper
107 100
121 40.7 38.4 57.6
122 79.8 61.8 92.8

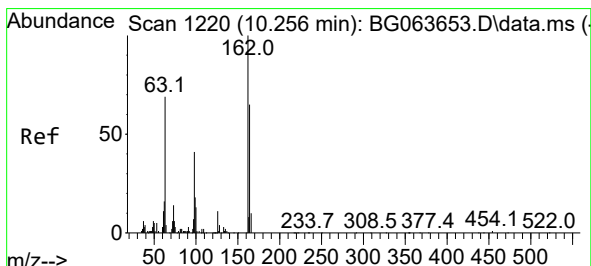
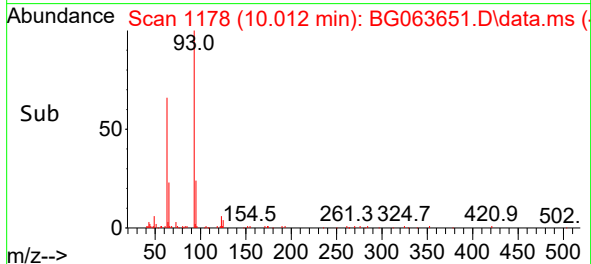
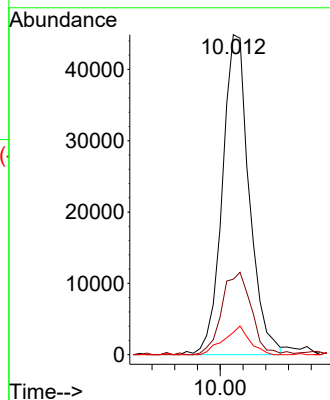
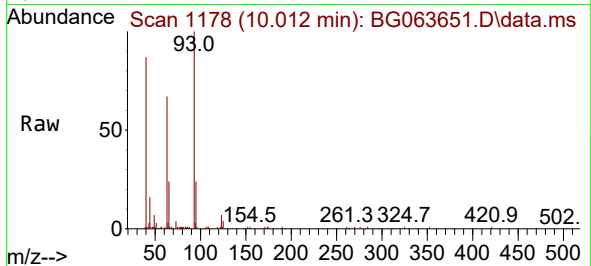




#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.877 ng/ul
 RT: 10.012 min Scan# 1179
 Delta R.T. -0.004 min
 Lab File: BG063651.D
 Acq: 11 Dec 2024 13:23

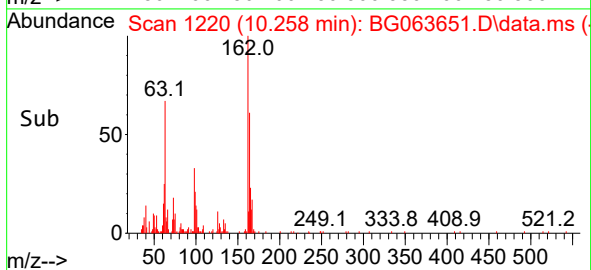
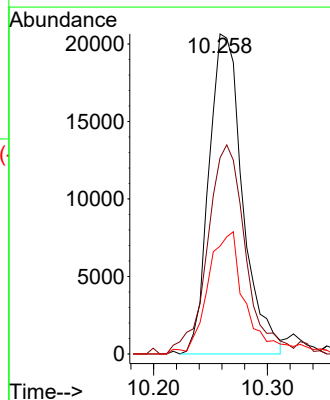
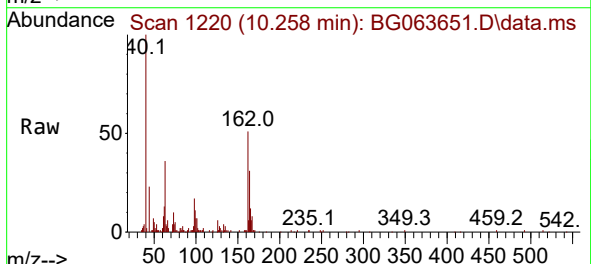
Instrument :
 BNA_G
 ClientSampleId :
 SST005431

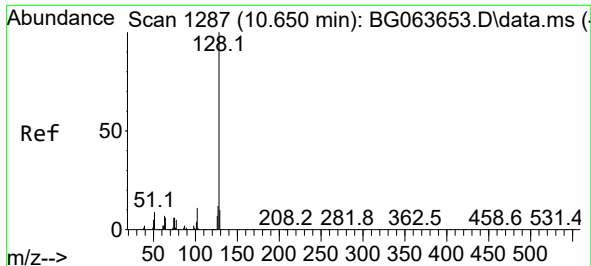
Tgt Ion: 93 Resp: 73756
 Ion Ratio Lower Upper
 93 100
 95 23.6 23.5 35.3
 123 7.0 6.2 9.4



#29
 2,4-Dichlorophenol
 Concen: 3.878 ng/ul
 RT: 10.258 min Scan# 1220
 Delta R.T. 0.002 min
 Lab File: BG063651.D
 Acq: 11 Dec 2024 13:23

Tgt Ion:162 Resp: 42504
 Ion Ratio Lower Upper
 162 100
 164 61.3 53.0 79.4
 98 33.7 33.0 49.6

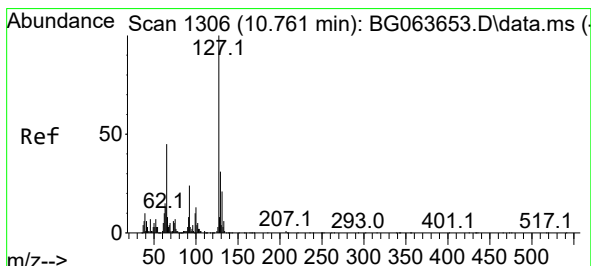
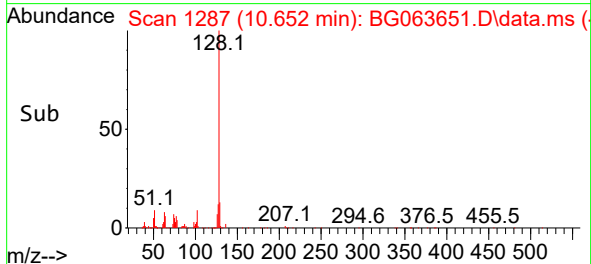
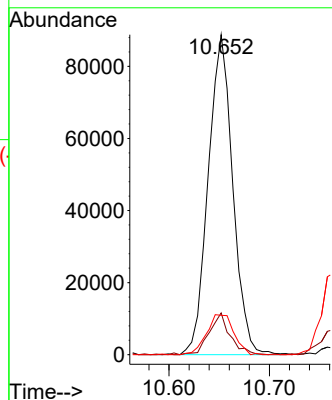
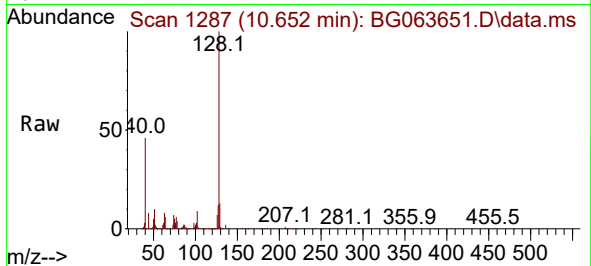




#30
Naphthalene
Concen: 4.646 ng/ul
RT: 10.652 min Scan# 1287
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

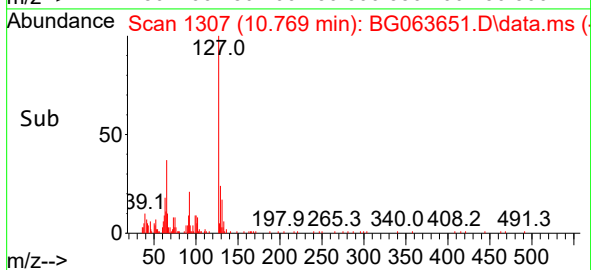
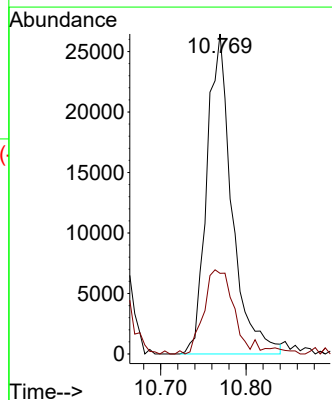
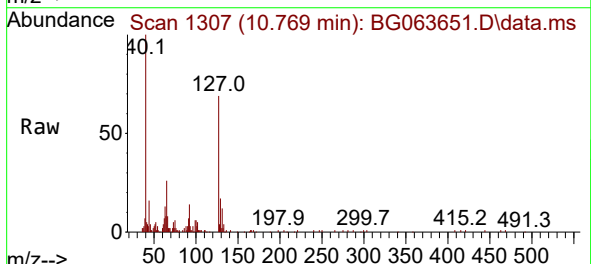
Instrument :
BNA_G
ClientSampleId :
SSTD005431

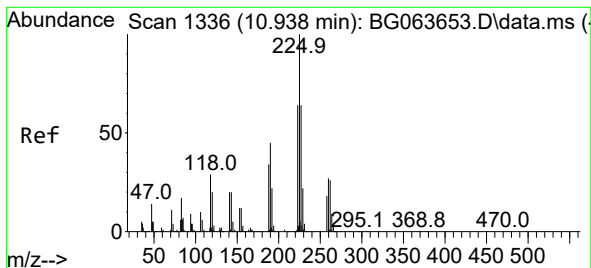
Tgt Ion:128 Resp: 151221
Ion Ratio Lower Upper
128 100
129 13.1 8.2 12.2#
127 12.3 9.8 14.8



#32
4-Chloroaniline
Concen: 4.317 ng/ul
RT: 10.769 min Scan# 1307
Delta R.T. 0.008 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:127 Resp: 54043
Ion Ratio Lower Upper
127 100
129 25.2 24.5 36.7





#33

Hexachlorobutadiene

Concen: 3.277 ng/ul

RT: 10.940 min Scan# 1336

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

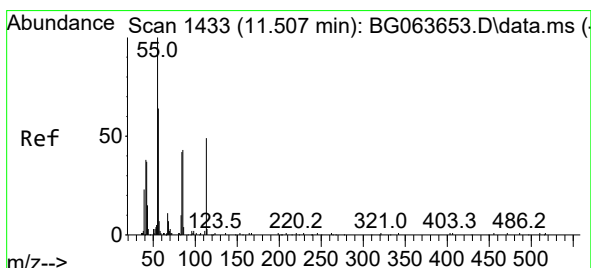
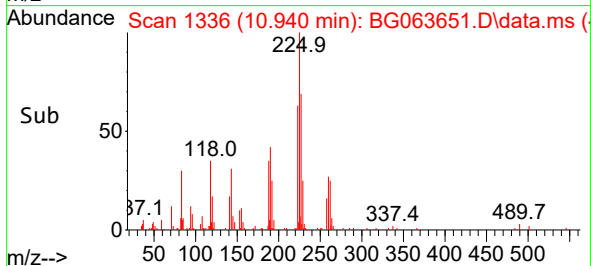
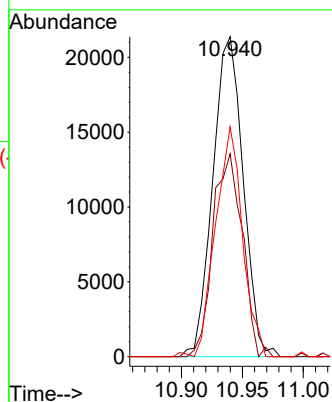
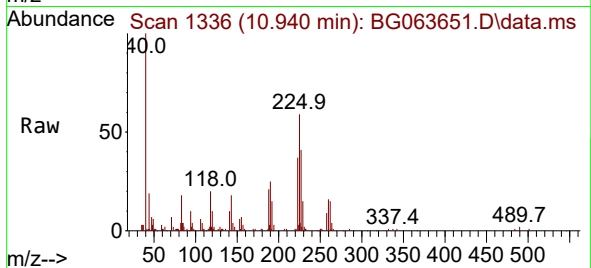
Tgt Ion:225 Resp: 37063

Ion Ratio Lower Upper

225 100

223 63.4 51.2 76.8

227 71.8 51.1 76.7



#34

Caprolactam

Concen: 4.430 ng/ul

RT: 11.510 min Scan# 1433

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

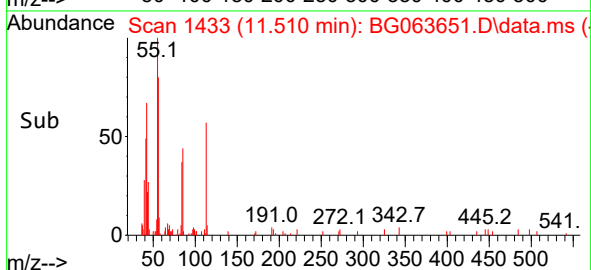
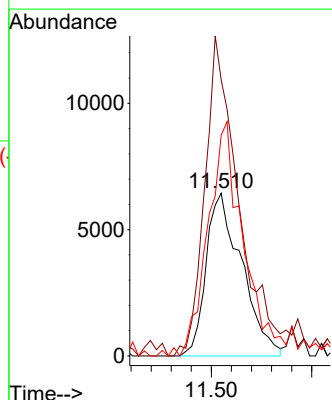
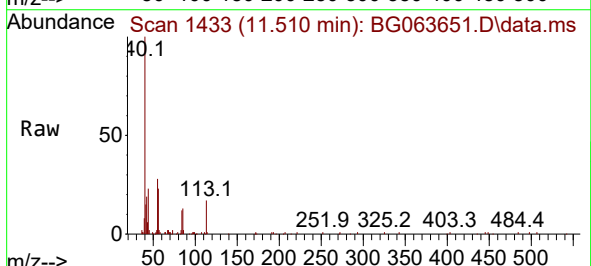
Tgt Ion:113 Resp: 15895

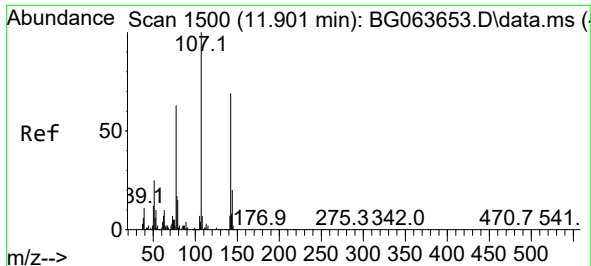
Ion Ratio Lower Upper

113 100

55 169.6 162.3 243.5

56 135.6 107.1 160.7

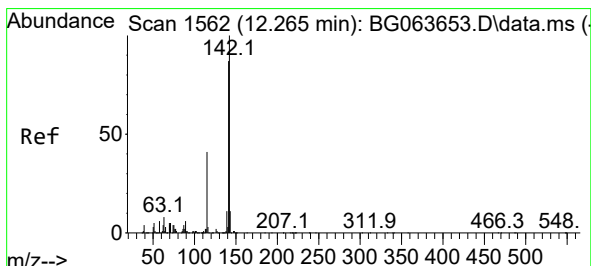
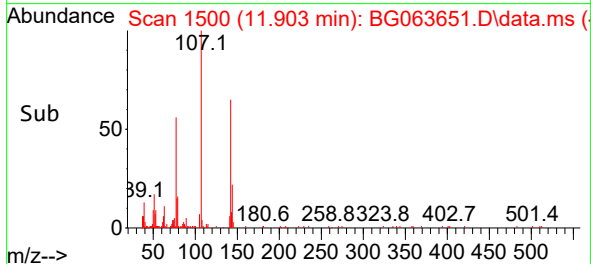
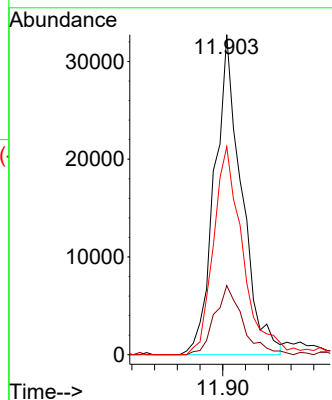
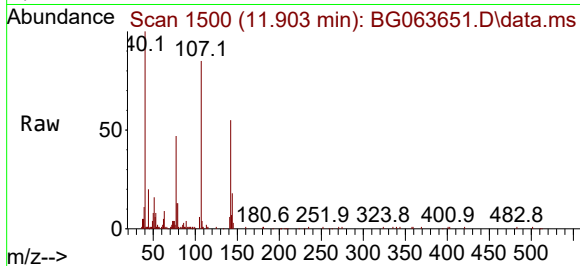




#35
4-Chloro-3-methylphenol
Concen: 3.951 ng/ul
RT: 11.903 min Scan# 1500
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

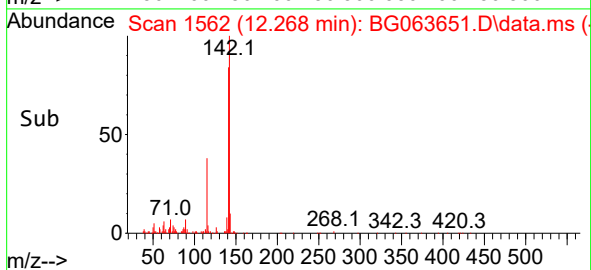
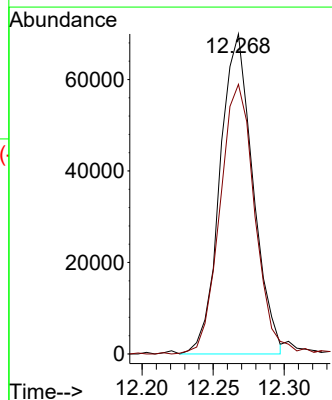
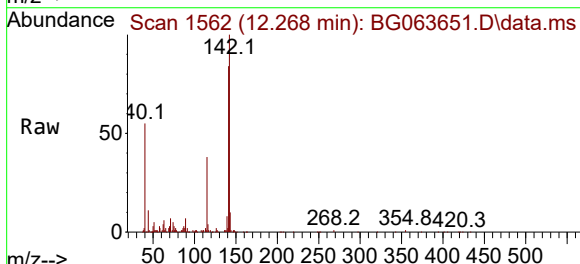
Instrument :
BNA_G
ClientSampleId :
SSTD005431

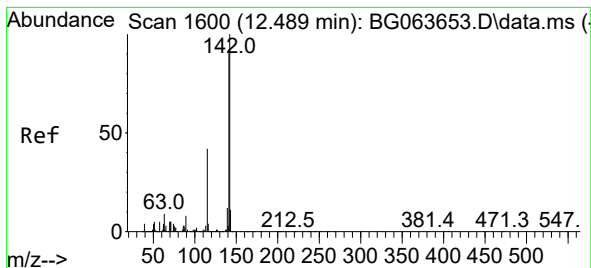
Tgt Ion:107 Resp: 54020
Ion Ratio Lower Upper
107 100
144 21.6 16.3 24.5
142 65.0 55.0 82.4



#36
2-Methylnaphthalene
Concen: 4.506 ng/ul
RT: 12.268 min Scan# 1562
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:142 Resp: 113064
Ion Ratio Lower Upper
142 100
141 84.3 69.5 104.3





#37

1-Methylnaphthalene

Concen: 4.400 ng/ul

RT: 12.485 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

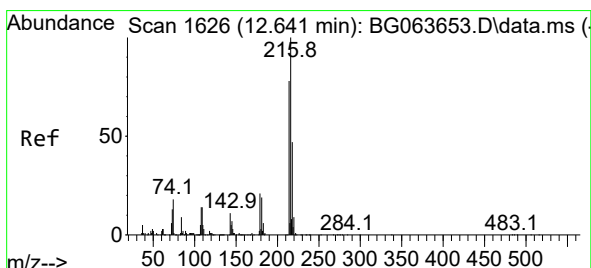
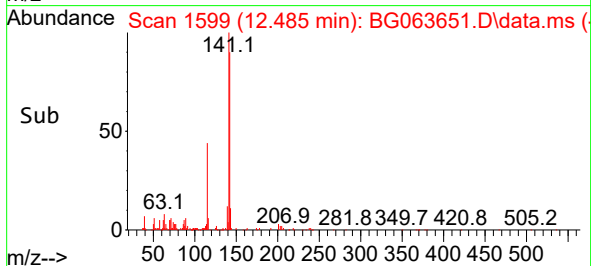
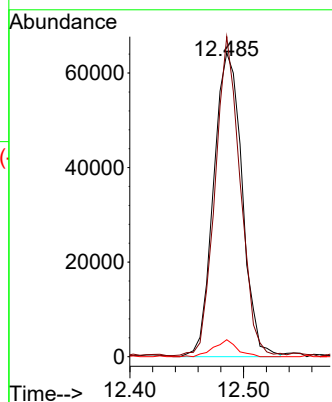
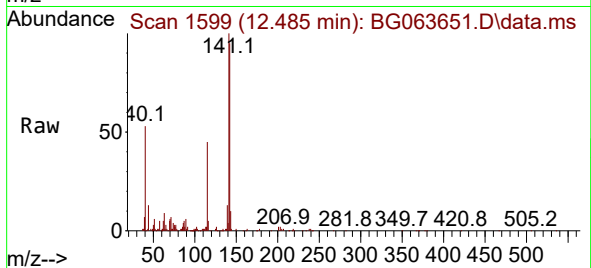
Tgt Ion:142 Resp: 111949

Ion Ratio Lower Upper

142 100

141 105.3 73.8 110.6

116 5.6 3.5 5.3#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.887 ng/ul

RT: 12.644 min Scan# 1626

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Tgt Ion:216 Resp: 73633

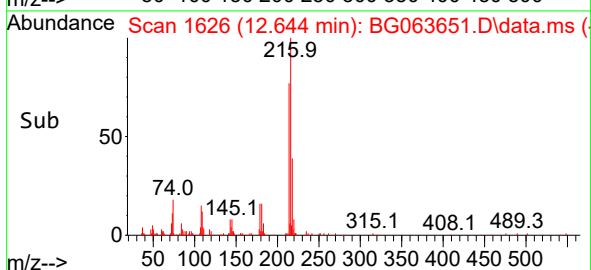
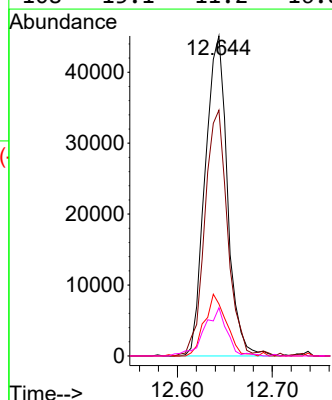
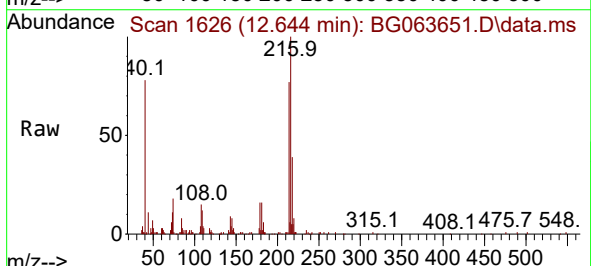
Ion Ratio Lower Upper

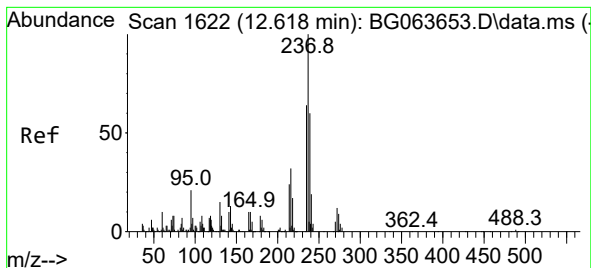
216 100

214 76.8 62.6 93.8

179 16.3 16.5 24.7#

108 15.1 11.2 16.8





#40

Hexachlorocyclopentadiene

Concen: 1.663 ng/ul

RT: 12.620 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

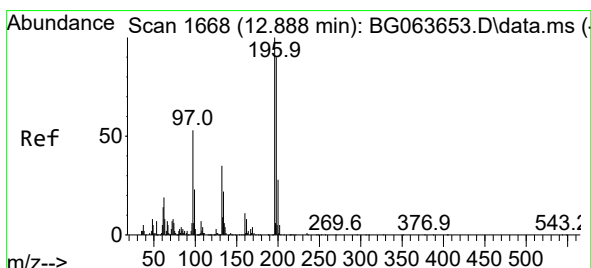
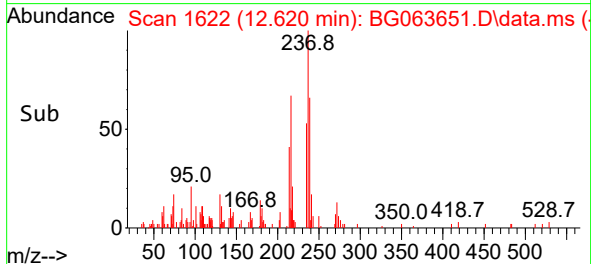
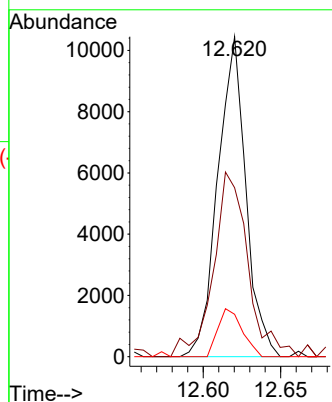
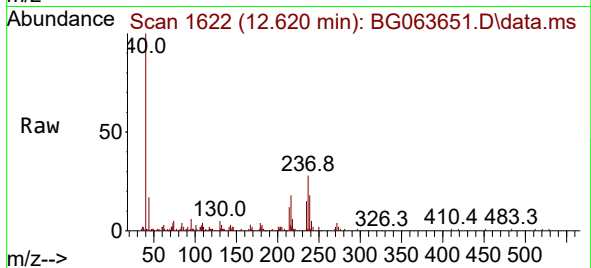
Tgt Ion:237 Resp: 13154

Ion Ratio Lower Upper

237 100

235 52.8 51.0 76.6

272 13.3 9.7 14.5



#41

2,4,6-Trichlorophenol

Concen: 4.283 ng/ul

RT: 12.885 min Scan# 1667

Delta R.T. -0.004 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

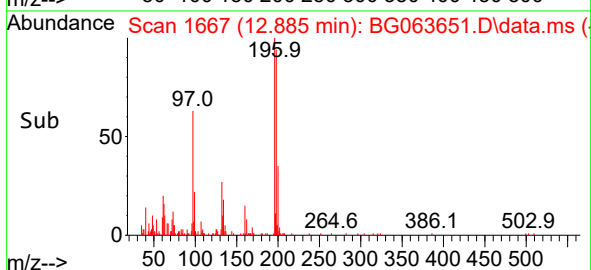
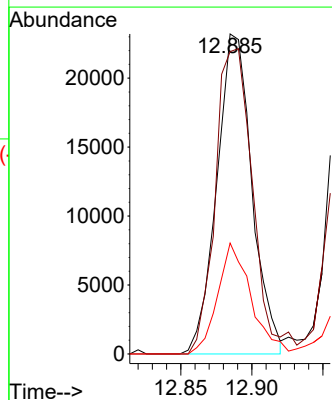
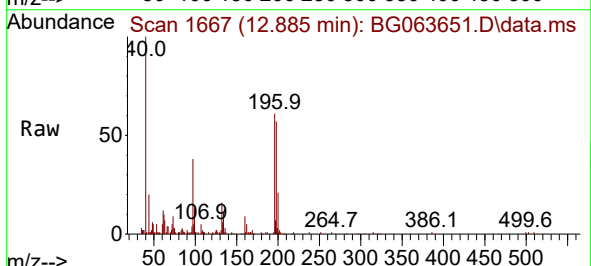
Tgt Ion:196 Resp: 40010

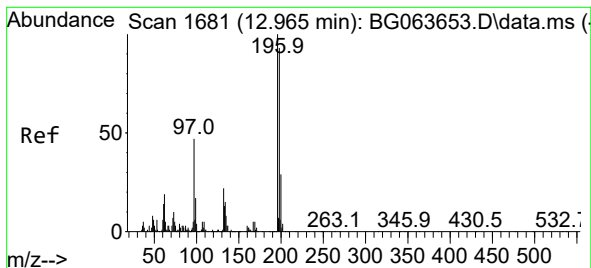
Ion Ratio Lower Upper

196 100

198 99.9 72.4 108.6

200 34.6 22.5 33.7#





#42

2,4,5-Trichlorophenol

Concen: 4.020 ng/ul

RT: 12.967 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

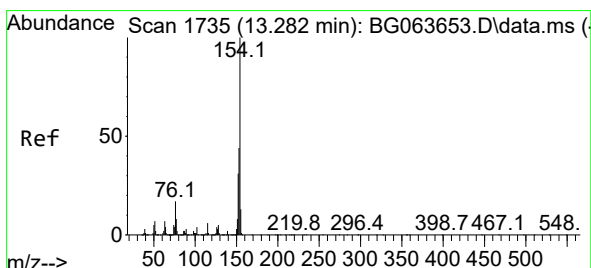
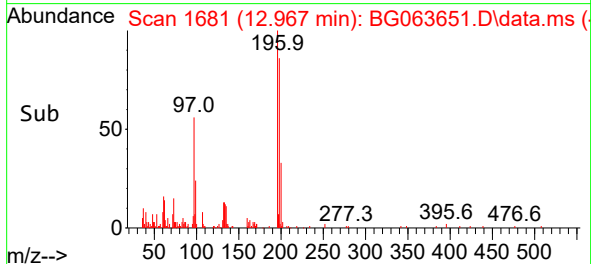
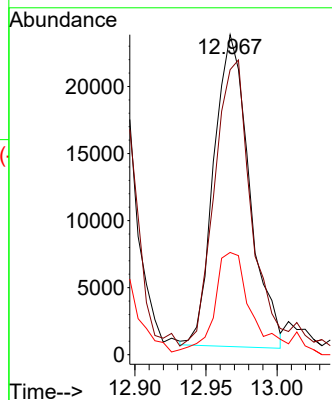
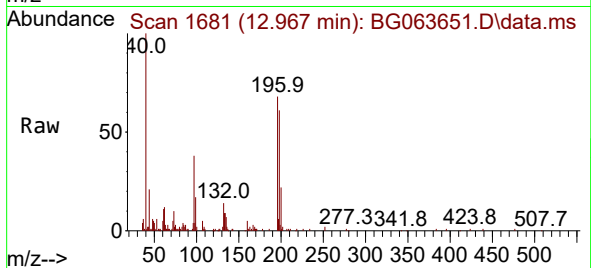
Tgt Ion:196 Resp: 40516

Ion Ratio Lower Upper

196 100

198 89.0 74.2 111.4

200 31.9 23.5 35.3



#43

1,1'-Biphenyl

Concen: 4.778 ng/ul

RT: 13.284 min Scan# 1735

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

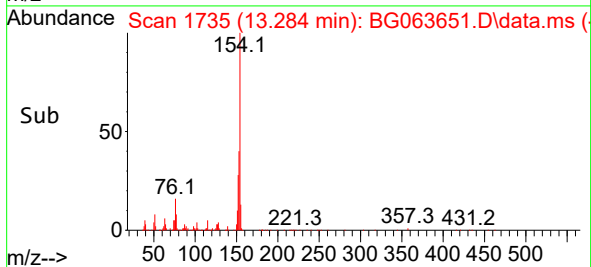
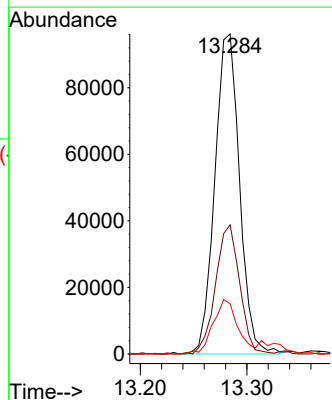
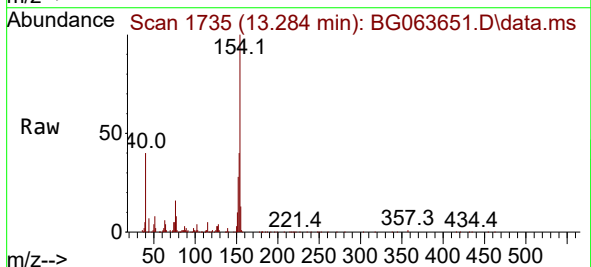
Tgt Ion:154 Resp: 154549

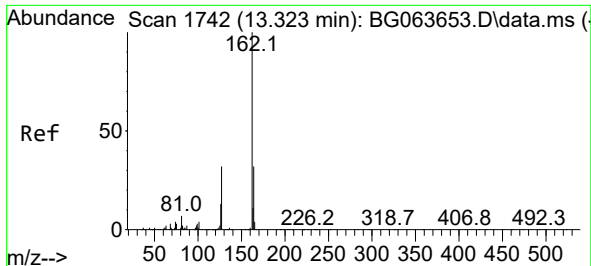
Ion Ratio Lower Upper

154 100

153 40.3 35.1 52.7

76 15.7 13.4 20.2

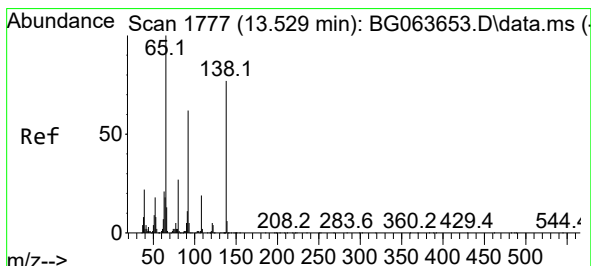
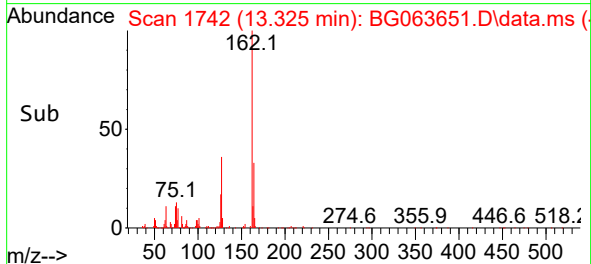
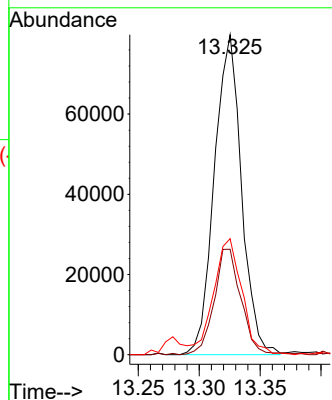
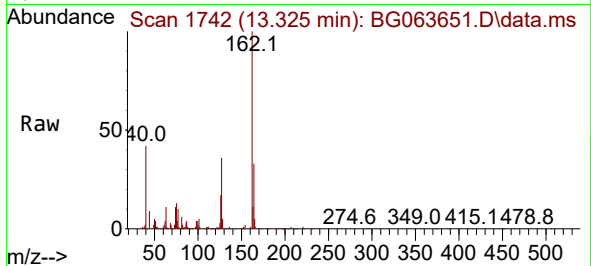




#44
2-Chloronaphthalene
Concen: 4.633 ng/ul
RT: 13.325 min Scan# 1742
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

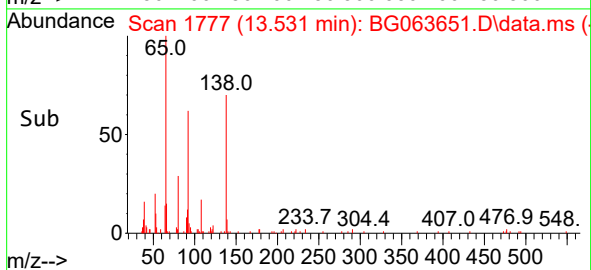
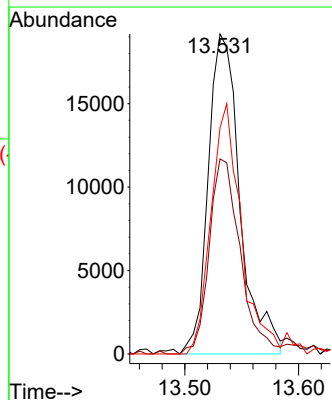
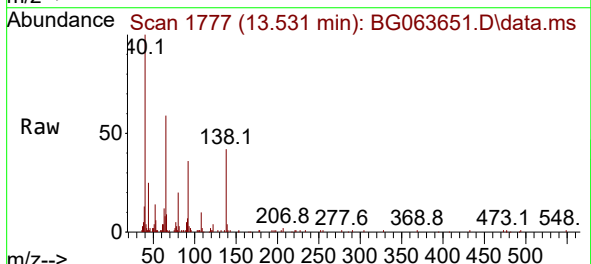
Instrument :
BNA_G
ClientSampleId :
SSTD005431

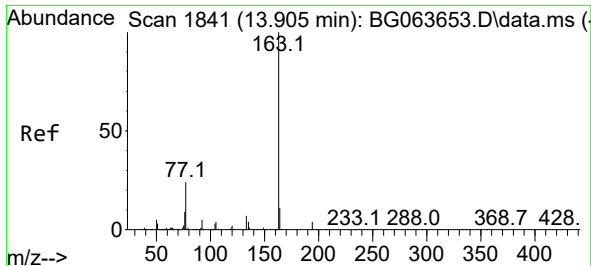
Tgt Ion:162 Resp: 123508
Ion Ratio Lower Upper
162 100
164 32.9 25.2 37.8
127 36.3 29.2 43.8



#45
2-Nitroaniline
Concen: 4.282 ng/ul
RT: 13.531 min Scan# 1777
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion: 65 Resp: 37285
Ion Ratio Lower Upper
65 100
92 61.0 49.5 74.3
138 70.7 61.8 92.8

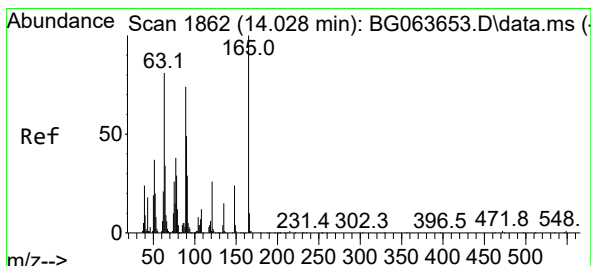
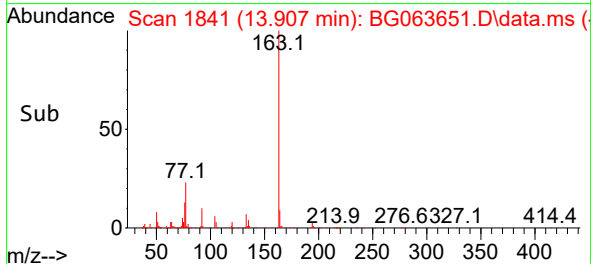
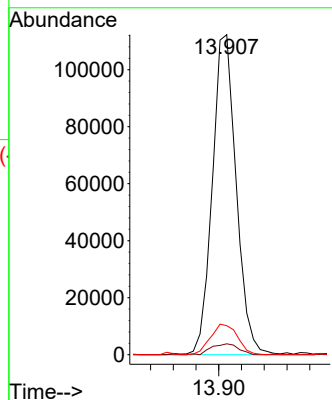
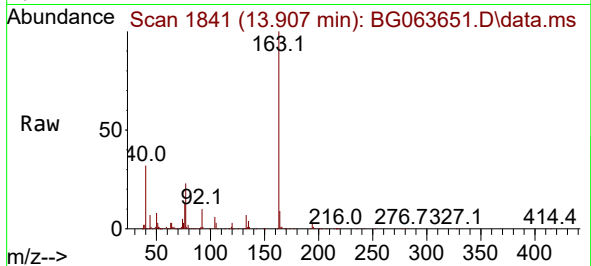




#47
Dimethylphthalate
Concen: 4.559 ng/ul
RT: 13.907 min Scan# 1841
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

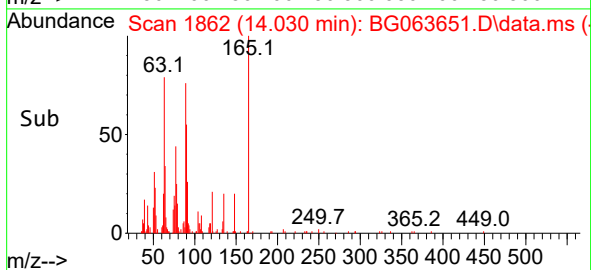
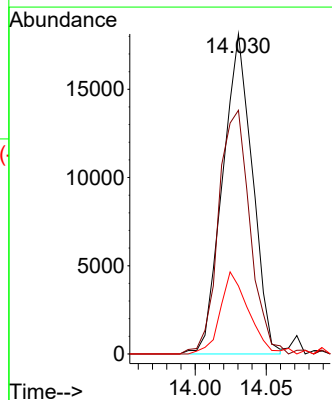
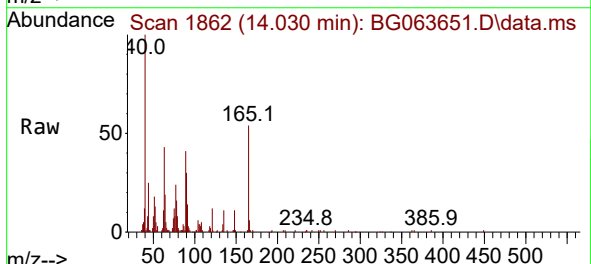
Instrument :
BNA_G
ClientSampleId :
SSTD005431

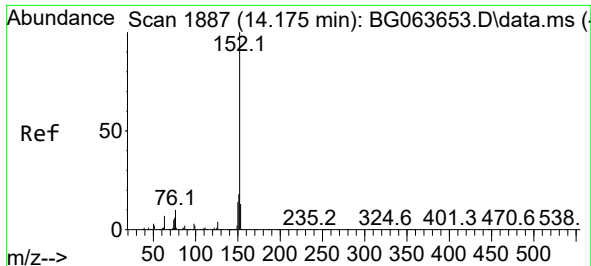
Tgt Ion:163 Resp: 163338
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.0 8.8 13.2



#48
2,6-Dinitrotoluene
Concen: 4.000 ng/ul
RT: 14.030 min Scan# 1862
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:165 Resp: 26438
Ion Ratio Lower Upper
165 100
89 76.2 59.4 89.2
121 22.4 20.8 31.2

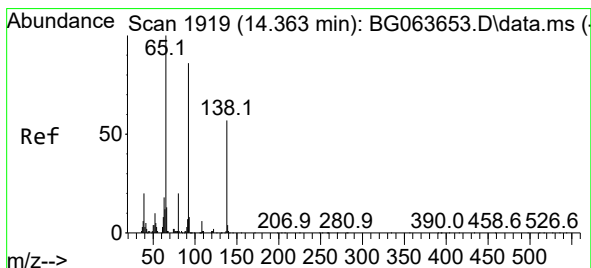
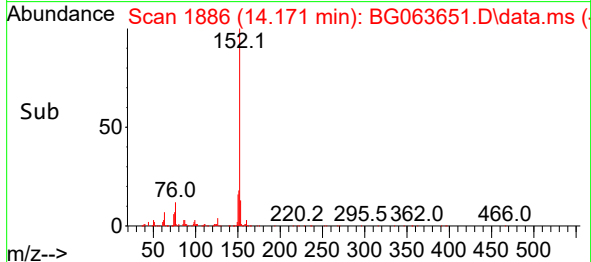
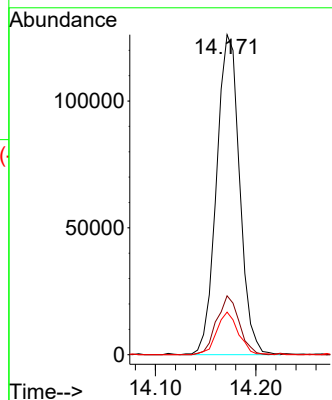
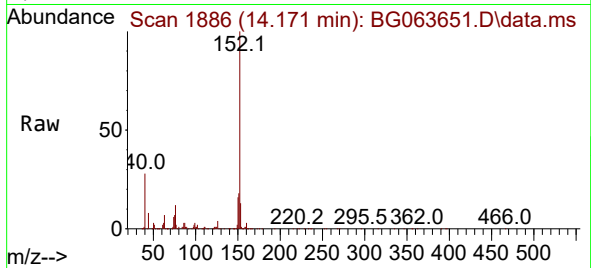




#50
Acenaphthylene
Concen: 4.943 ng/ul
RT: 14.171 min Scan# 1887
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

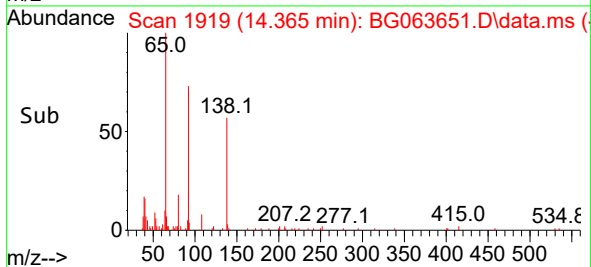
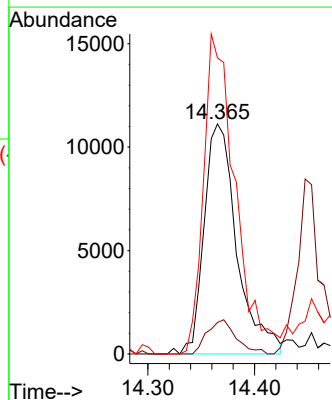
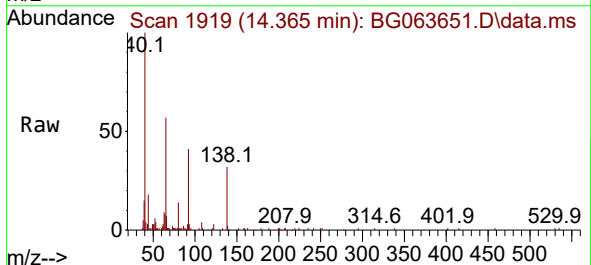
Instrument :
BNA_G
ClientSampleId :
SSTD005431

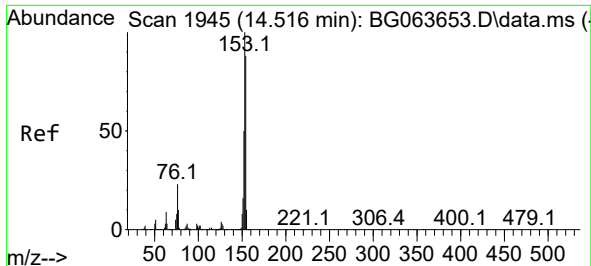
Tgt Ion:152 Resp: 201219
Ion Ratio Lower Upper
152 100
151 18.4 14.6 22.0
153 13.3 10.0 15.0



#51
3-Nitroaniline
Concen: 4.250 ng/ul
RT: 14.365 min Scan# 1919
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:138 Resp: 23679
Ion Ratio Lower Upper
138 100
108 13.7 8.4 12.6#
92 128.7 120.4 180.6

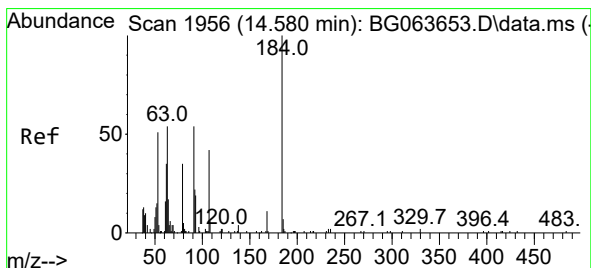
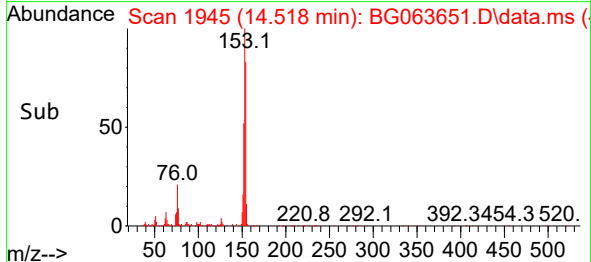
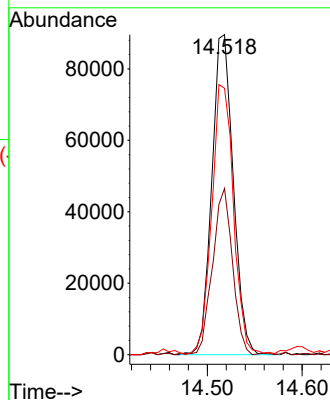
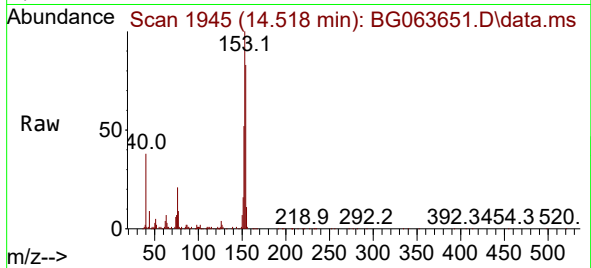




#52
Acenaphthene
Concen: 4.761 ng/ul
RT: 14.518 min Scan# 1945
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

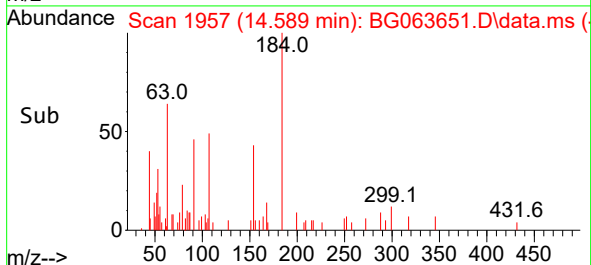
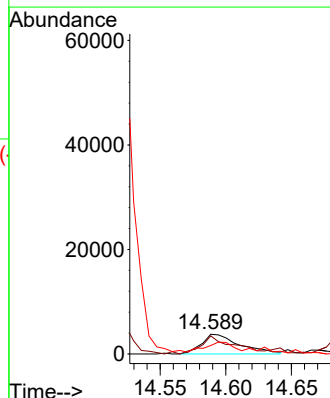
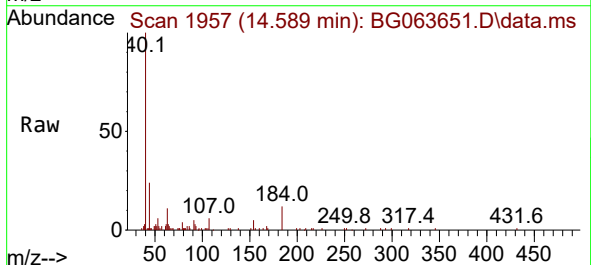
Instrument :
BNA_G
ClientSampleId :
SSTD005431

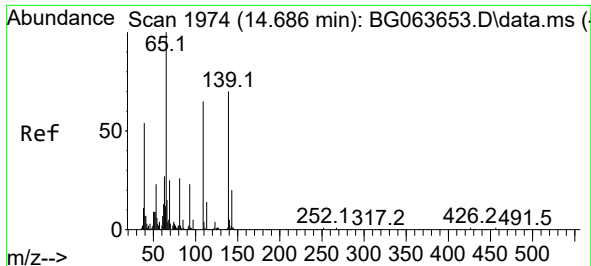
Tgt Ion:153 Resp: 140704
Ion Ratio Lower Upper
153 100
152 52.0 40.2 60.4
154 83.2 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 2.340 ng/ul
RT: 14.589 min Scan# 1957
Delta R.T. 0.008 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:184 Resp: 7636
Ion Ratio Lower Upper
184 100
63 91.6 52.1 78.1#
154 42.9 47.8 71.6#

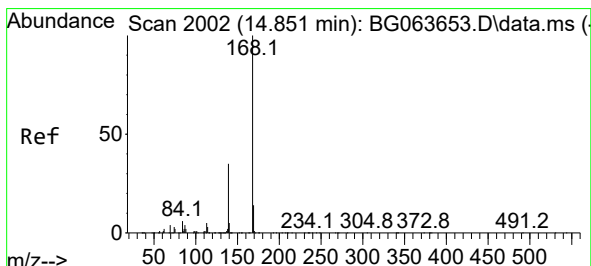
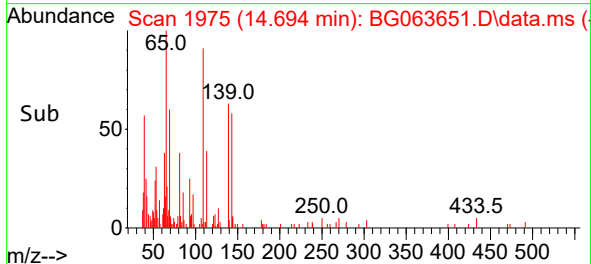
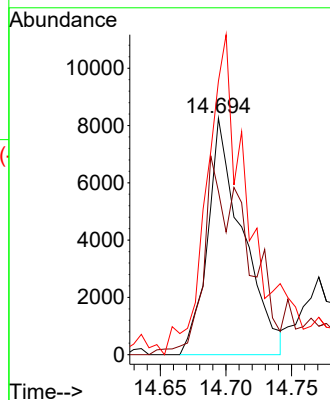
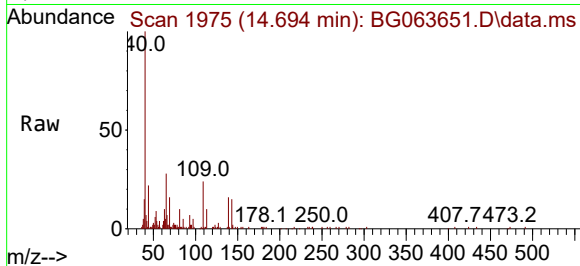




#55
4-Nitrophenol
Concen: 2.194 ng/ul
RT: 14.694 min Scan# 1975
Delta R.T. 0.008 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

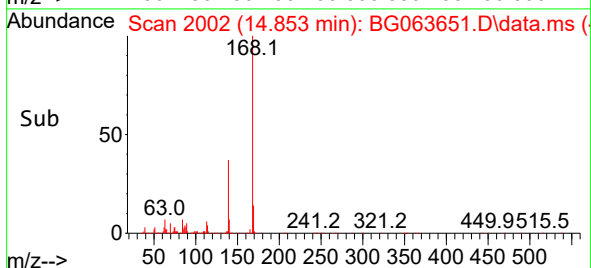
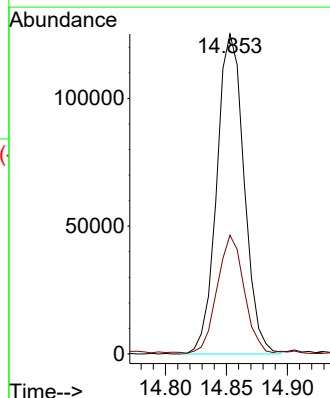
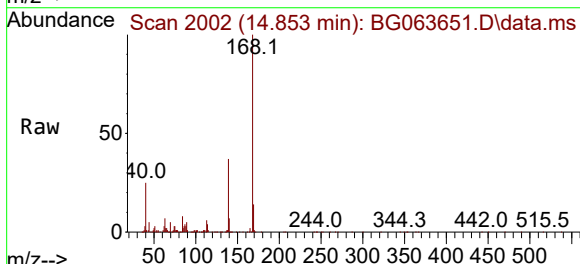
Instrument :
BNA_G
ClientSampleId :
SSTD005431

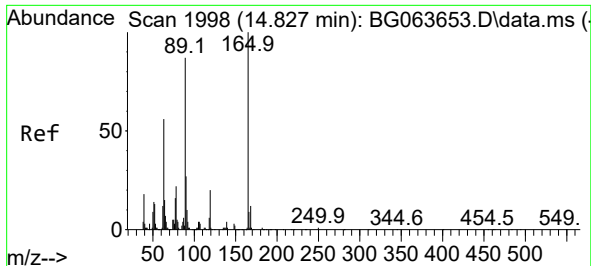
Tgt Ion:109 Resp: 15285
Ion Ratio Lower Upper
109 100
139 69.1 86.4 129.6#
65 115.7 127.0 190.4#



#56
Dibenzofuran
Concen: 4.279 ng/ul
RT: 14.853 min Scan# 2002
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:168 Resp: 195473
Ion Ratio Lower Upper
168 100
139 37.1 27.8 41.8





#57

2,4-Dinitrotoluene

Concen: 3.905 ng/ul

RT: 14.824 min Scan# 1998

Delta R.T. -0.004 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

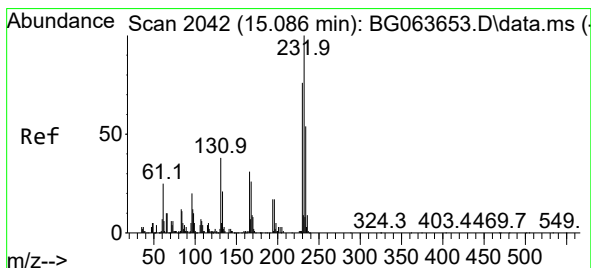
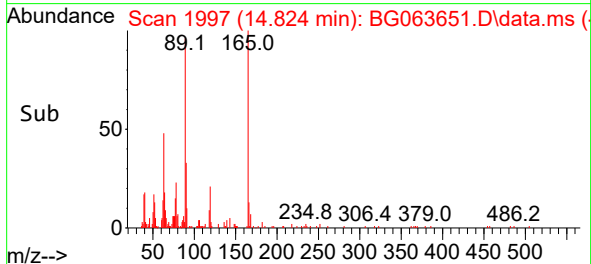
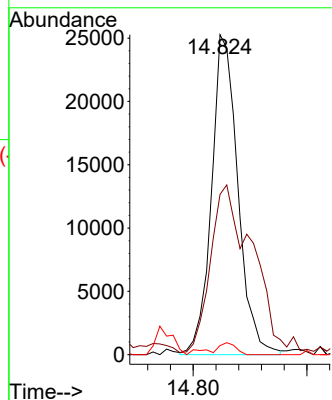
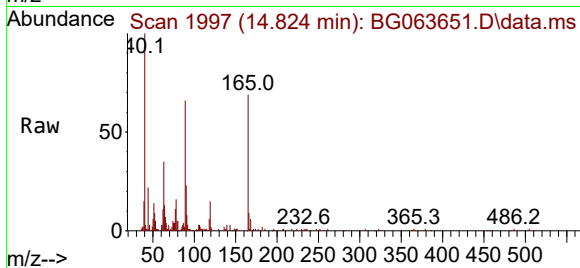
Tgt Ion:165 Resp: 40705

Ion Ratio Lower Upper

165 100

63 50.1 45.0 67.4

182 2.9 1.8 2.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.558 ng/ul

RT: 15.088 min Scan# 2042

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Tgt Ion:232 Resp: 33544

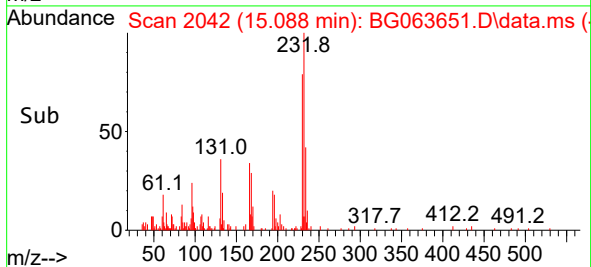
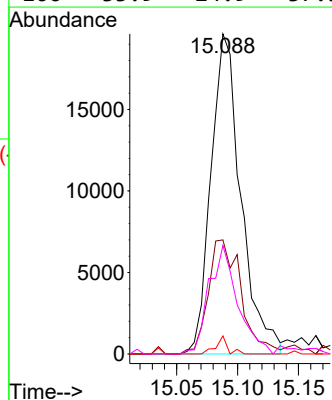
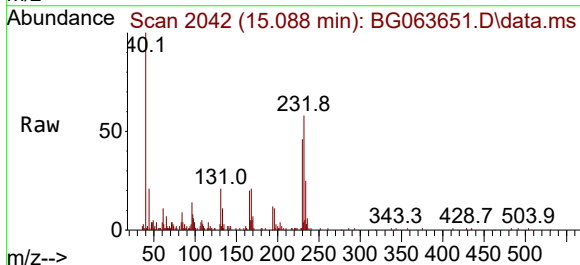
Ion Ratio Lower Upper

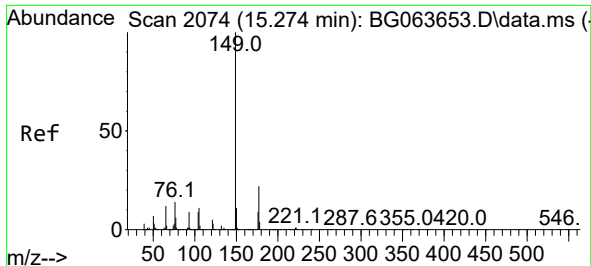
232 100

131 35.7 30.3 45.5

130 5.7 1.8 2.6#

166 33.9 24.9 37.3

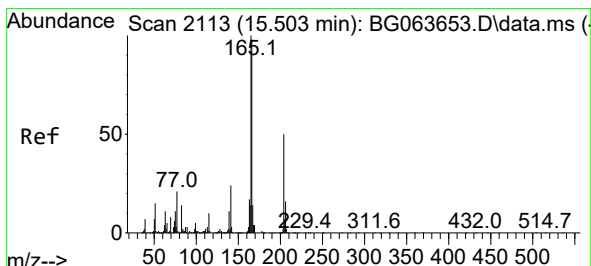
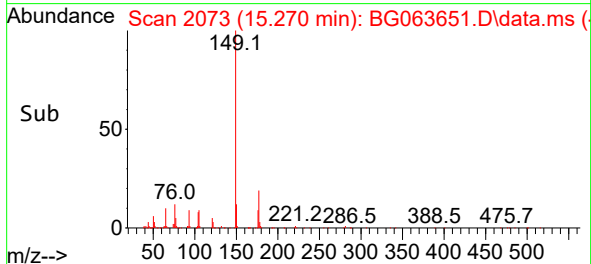
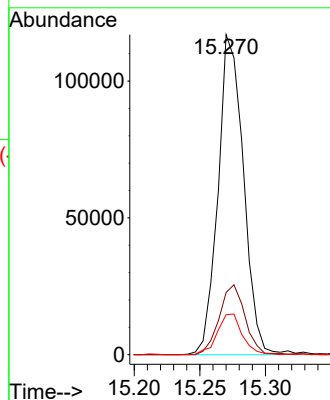
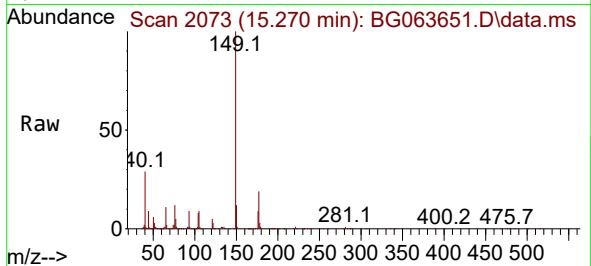




#59
Diethylphthalate
Concen: 4.500 ng/ul
RT: 15.270 min Scan# 2074
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

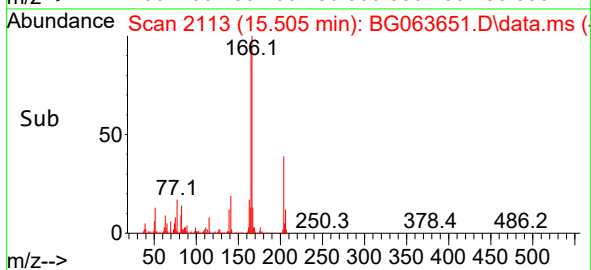
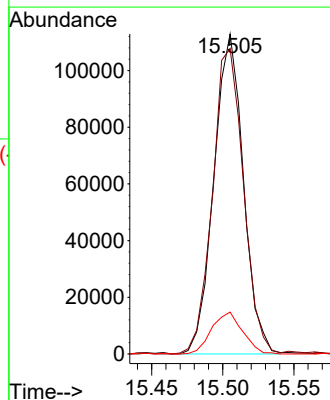
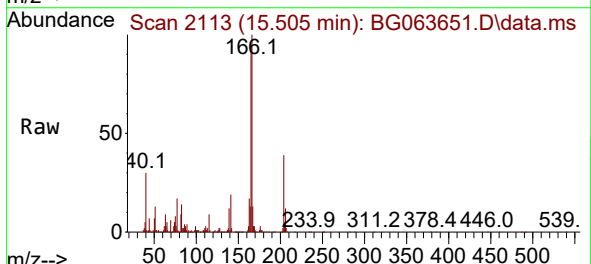
Instrument :
BNA_G
ClientSampleId :
SSTD005431

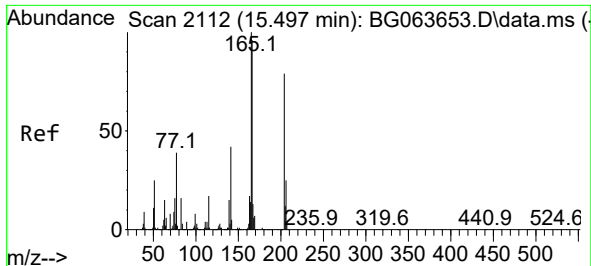
Tgt Ion:149 Resp: 157110
Ion Ratio Lower Upper
149 100
177 19.5 17.6 26.4
150 12.5 9.0 13.4



#61
Fluorene
Concen: 4.380 ng/ul
RT: 15.505 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:166 Resp: 162947
Ion Ratio Lower Upper
166 100
165 95.5 81.9 122.9
167 13.1 11.4 17.0

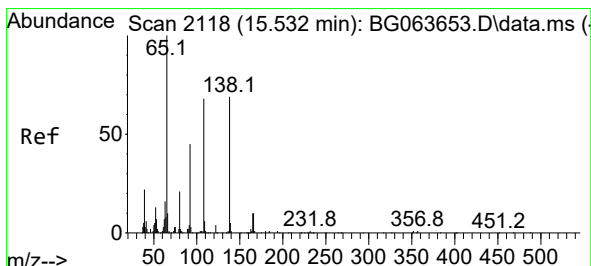
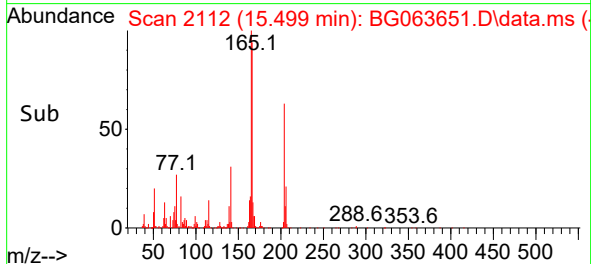
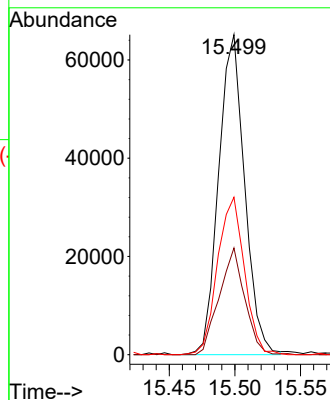
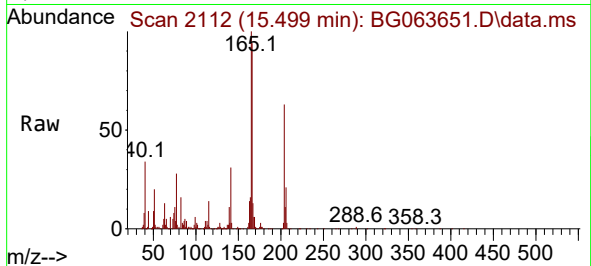




#62
4-Chlorophenyl-phenylether
Concen: 3.748 ng/ul
RT: 15.499 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

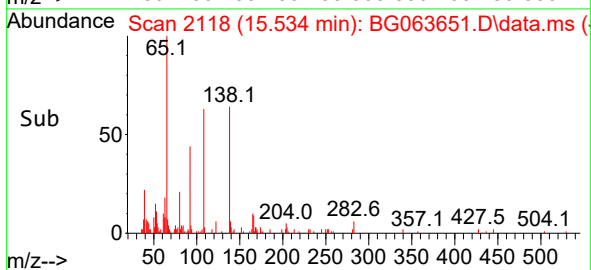
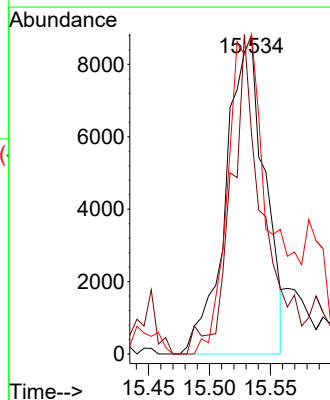
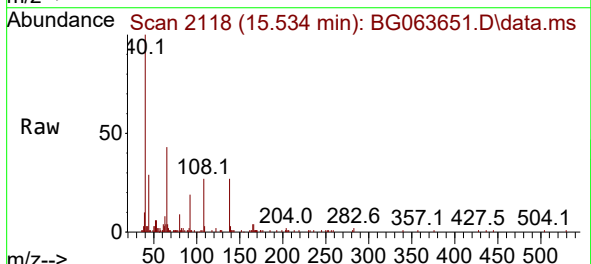
Instrument :
BNA_G
ClientSampleId :
SSTD005431

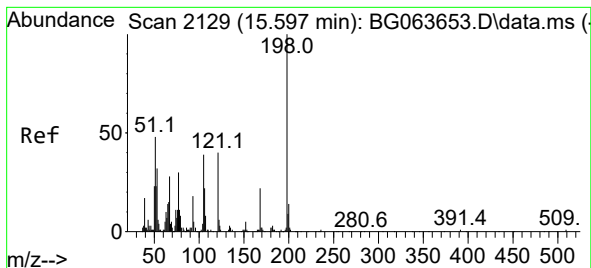
Tgt Ion:204 Resp: 89794
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 49.2 42.3 63.5



#63
4-Nitroaniline
Concen: 3.254 ng/ul
RT: 15.534 min Scan# 2118
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:138 Resp: 19494
Ion Ratio Lower Upper
138 100
92 69.1 53.2 79.8
108 100.6 79.4 119.0

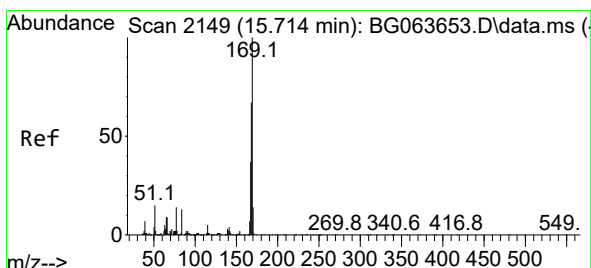
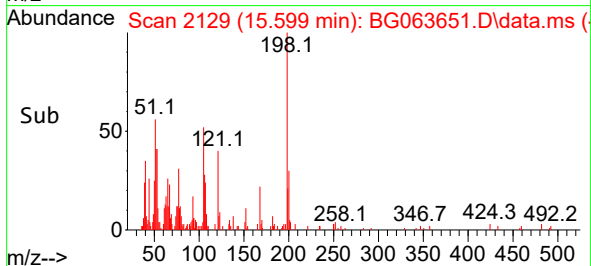
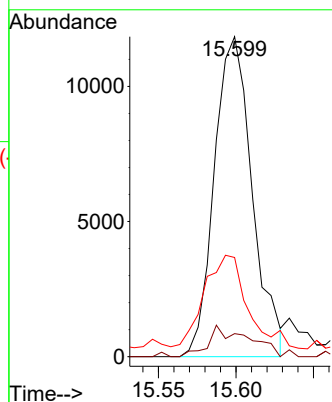
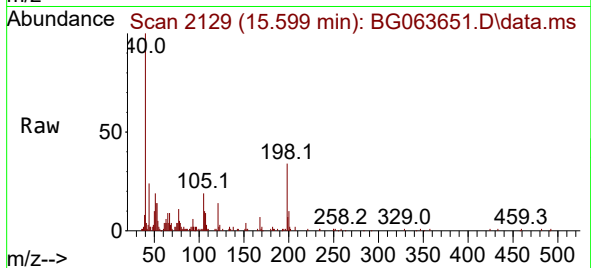




#66
4,6-Dinitro-2-methylphenol
Concen: 2.976 ng/ul
RT: 15.599 min Scan# 2129
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

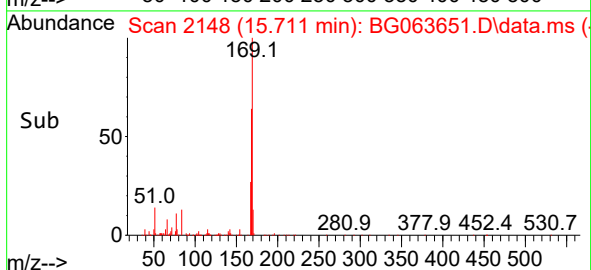
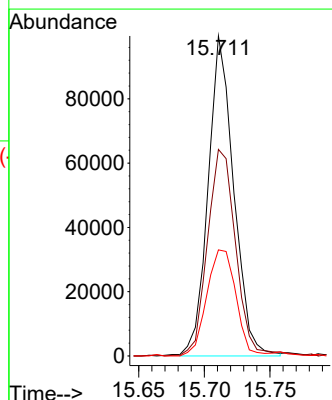
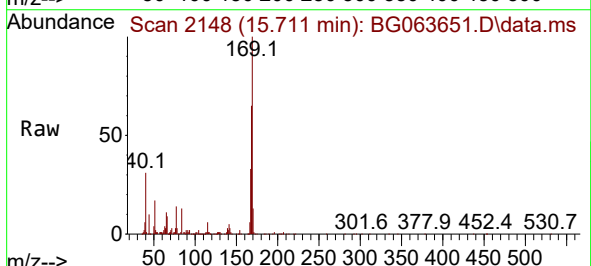
Instrument :
BNA_G
ClientSampleId :
SSTD005431

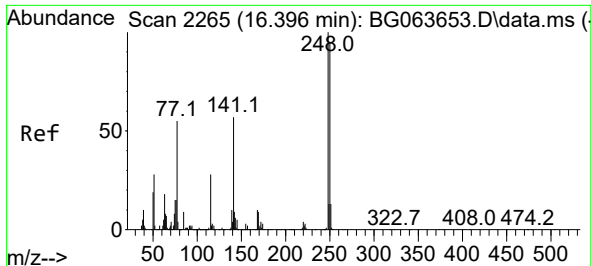
Tgt Ion:198 Resp: 20137
Ion Ratio Lower Upper
198 100
182 7.2 3.4 5.2#
77 31.0 25.2 37.8



#67
N-Nitrosodiphenylamine
Concen: 4.811 ng/ul
RT: 15.711 min Scan# 2148
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:169 Resp: 135139
Ion Ratio Lower Upper
169 100
168 64.6 54.0 81.0
167 33.1 29.8 44.8

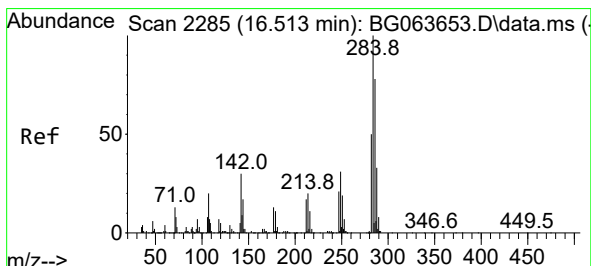
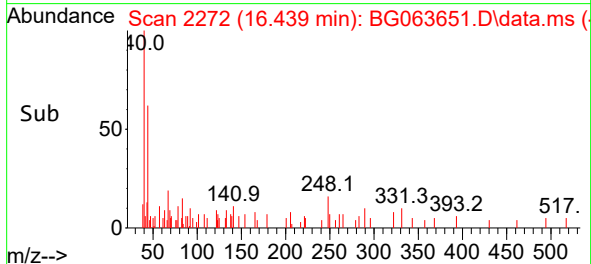
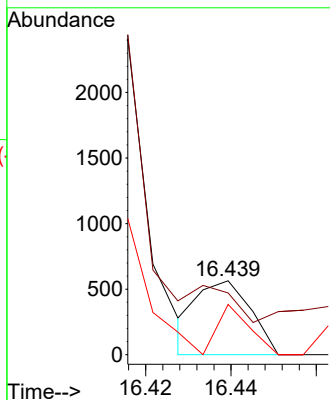
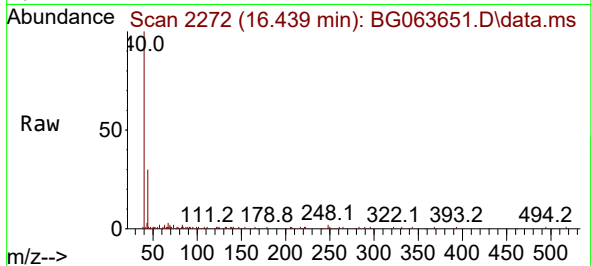




#68
4-Bromophenyl-phenylether
Concen: 0.034 ng/ul
RT: 16.439 min Scan# 21
Delta R.T. 0.043 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

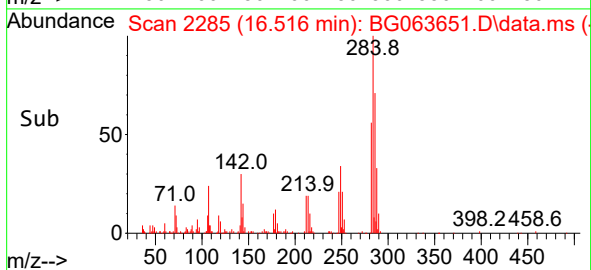
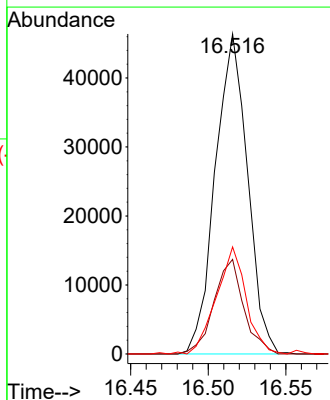
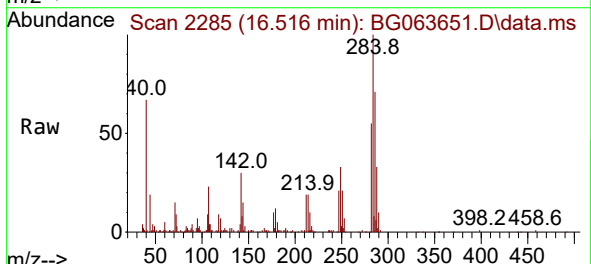
Instrument :
BNA_G
ClientSampleId :
SSTD005431

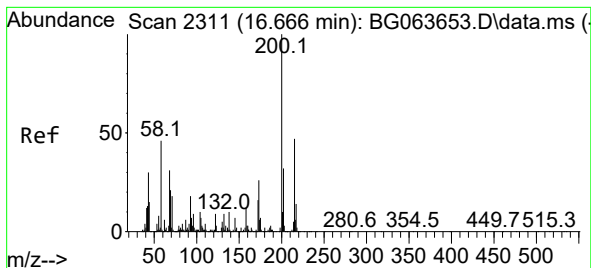
Tgt Ion:248	Resp:	489
Ion Ratio	Lower	Upper
248	100	
250	83.5	76.1 114.1
141	67.9	46.0 69.0



#69
Hexachlorobenzene
Concen: 4.383 ng/ul
RT: 16.516 min Scan# 2285
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:284	Resp:	66869
Ion Ratio	Lower	Upper
284	100	
142	29.6	23.9 35.9
249	33.5	24.6 36.8





#70

Atrazine

Concen: 4.411 ng/ul

RT: 16.663 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

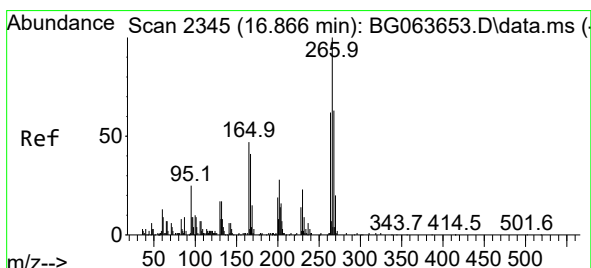
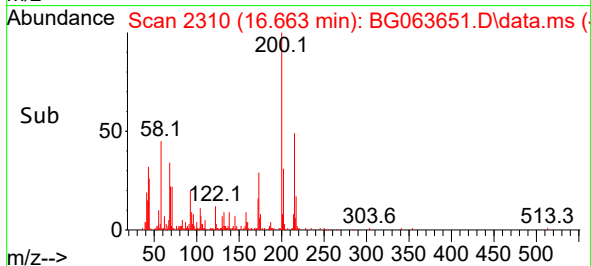
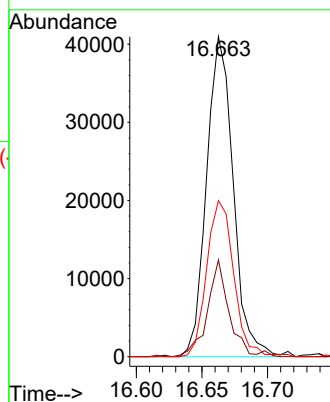
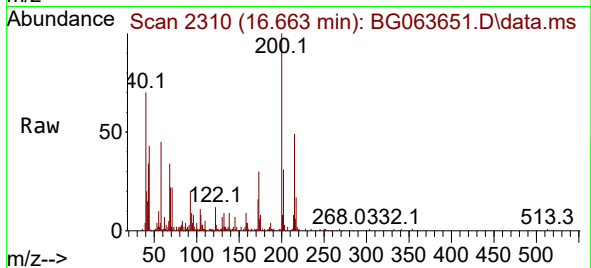
Tgt Ion:200 Resp: 57917

Ion Ratio Lower Upper

200 100

173 30.3 21.3 31.9

215 48.8 37.8 56.8



#71

Pentachlorophenol

Concen: 3.911 ng/ul

RT: 16.868 min Scan# 2345

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

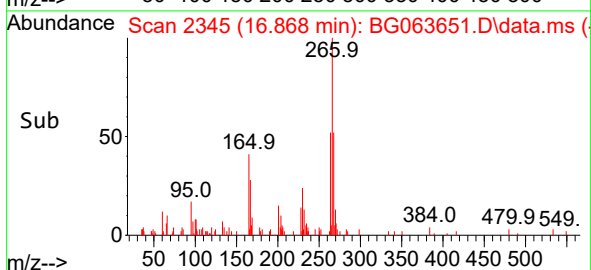
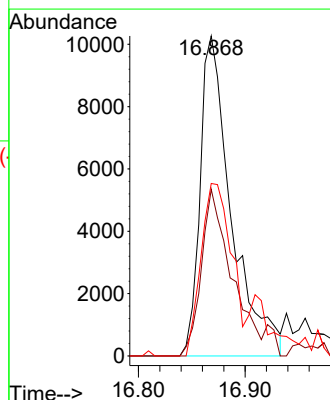
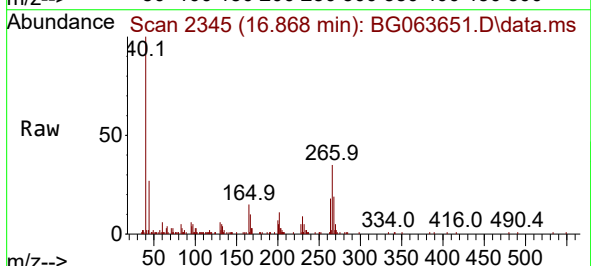
Tgt Ion:266 Resp: 20981

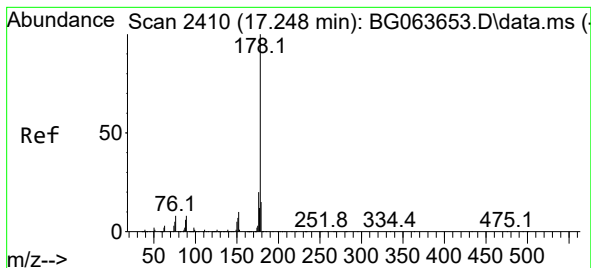
Ion Ratio Lower Upper

266 100

264 52.1 49.3 73.9

268 53.9 50.5 75.7





#72

Phenanthrene

Concen: 4.891 ng/ul

RT: 17.244 min Scan# 2410

Delta R.T. -0.004 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

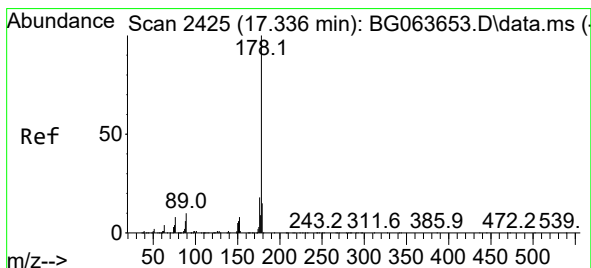
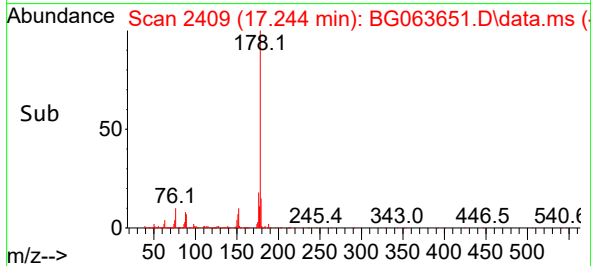
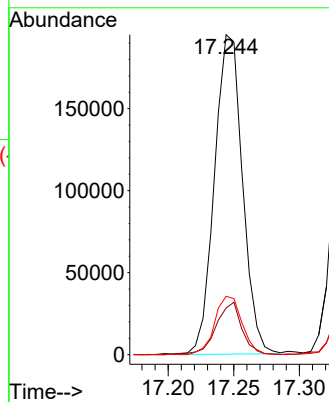
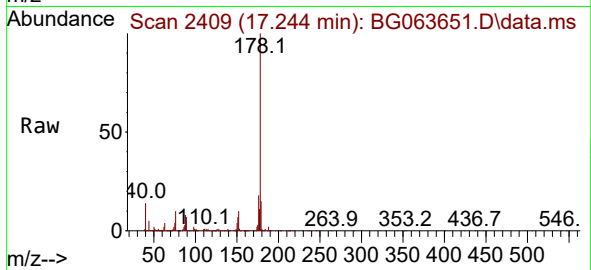
Tgt Ion:178 Resp: 289010

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

176 18.2 15.8 23.6



#74

Anthracene

Concen: 4.706 ng/ul

RT: 17.338 min Scan# 2425

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

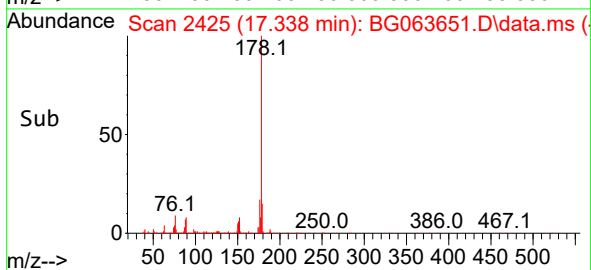
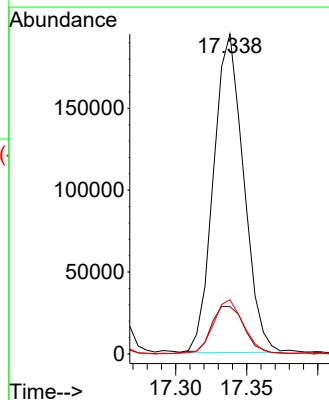
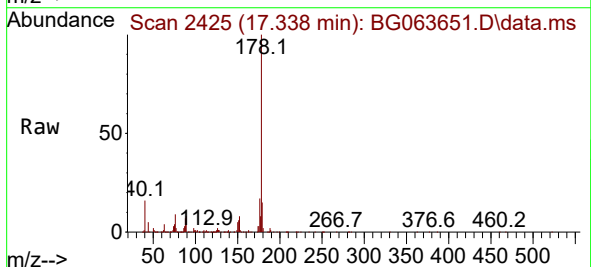
Tgt Ion:178 Resp: 287155

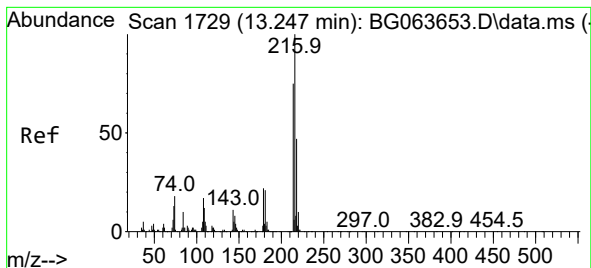
Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

176 17.0 14.4 21.6

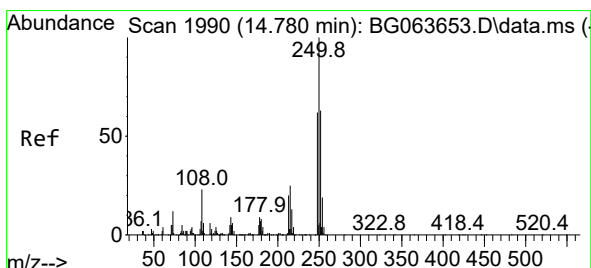
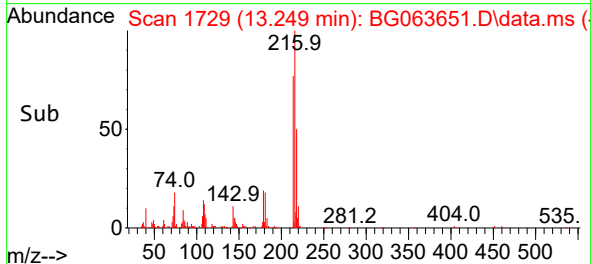
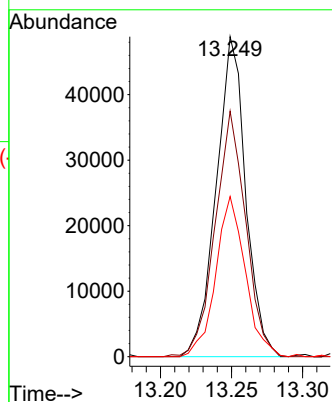
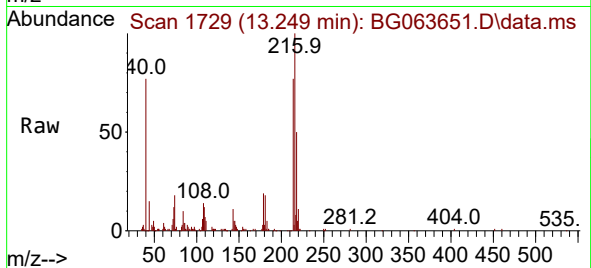




#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.164 ng/ul
RT: 13.249 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

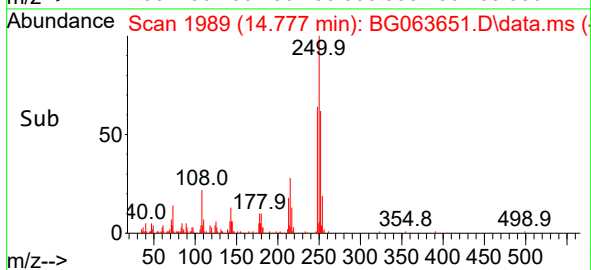
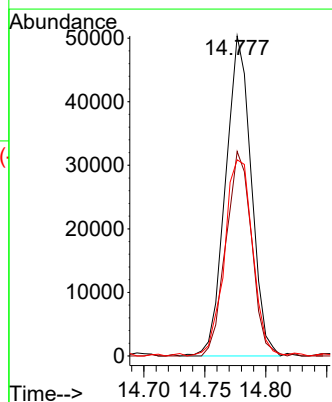
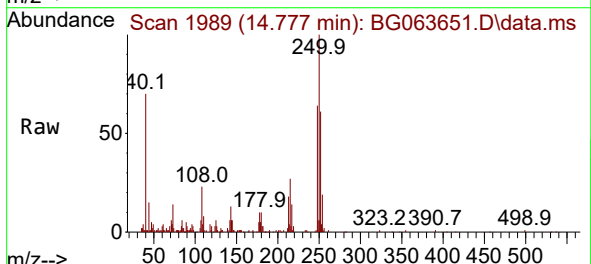
Instrument :
BNA_G
ClientSampleId :
SSTD005431

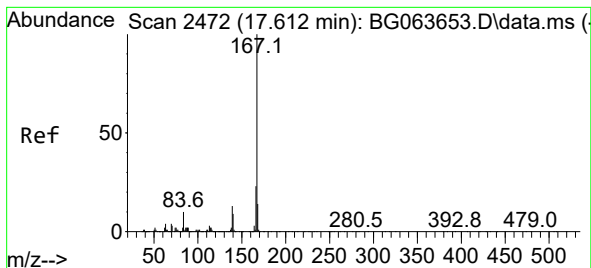
Tgt Ion:216 Resp: 70495
Ion Ratio Lower Upper
216 100
214 76.7 60.2 90.4
218 50.0 37.6 56.4



#76
Pentachlorobenzene
Concen: 4.181 ng/ul
RT: 14.777 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:250 Resp: 73957
Ion Ratio Lower Upper
250 100
248 60.5 49.8 74.8
252 58.1 50.4 75.6





#77

Carbazole

Concen: 4.830 ng/ul

RT: 17.609 min Scan# 2472

Delta R.T. -0.004 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

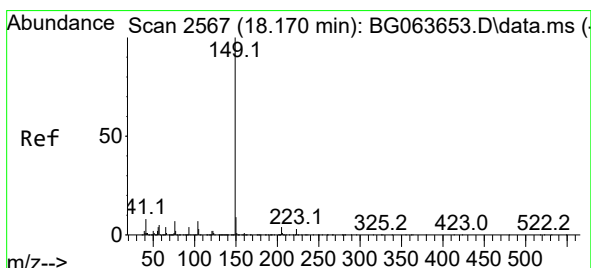
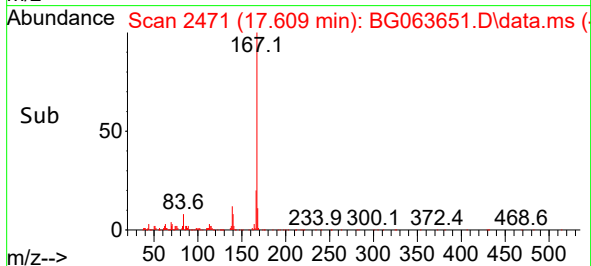
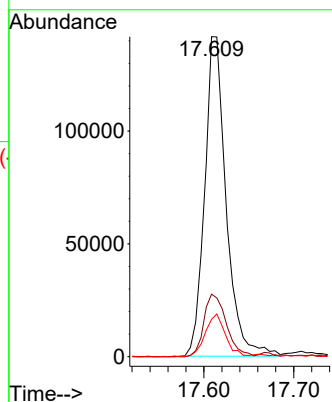
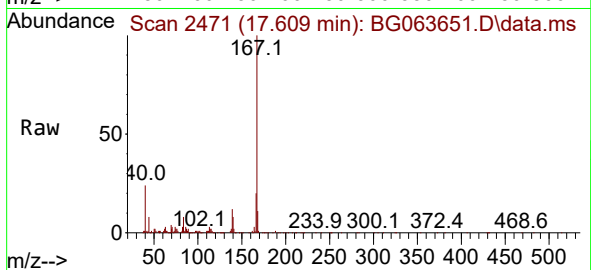
Tgt Ion:167 Resp: 236104

Ion Ratio Lower Upper

167 100

166 19.6 18.2 27.4

139 11.7 10.1 15.1



#78

Di-n-butylphthalate

Concen: 5.499 ng/ul

RT: 18.173 min Scan# 2567

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

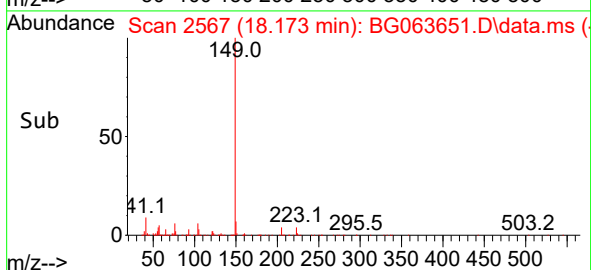
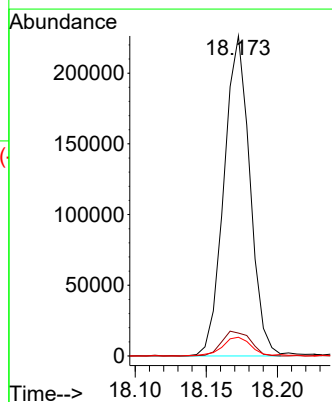
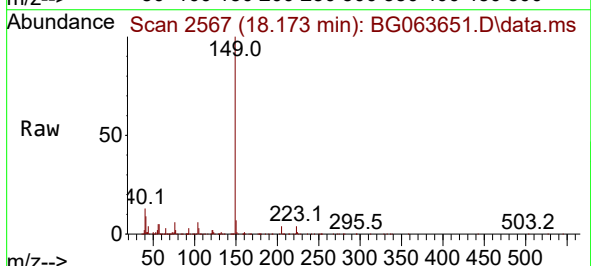
Tgt Ion:149 Resp: 286991

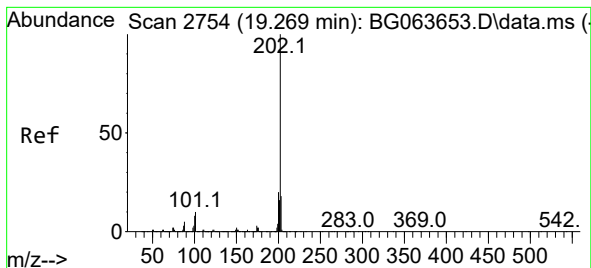
Ion Ratio Lower Upper

149 100

150 7.2 7.2 10.8#

104 5.8 5.4 8.0

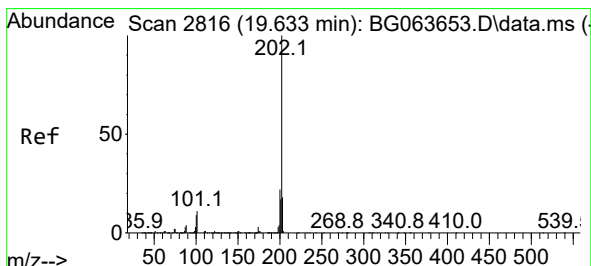
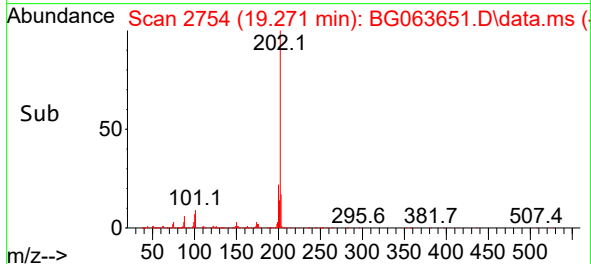
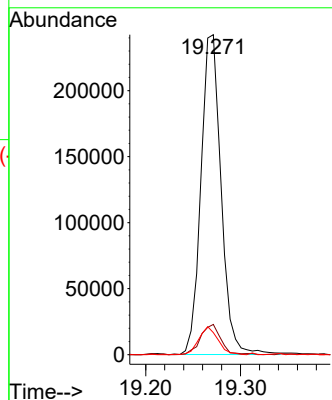
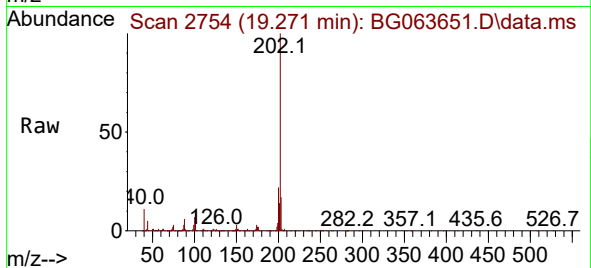




#80
Fluoranthene
Concen: 4.732 ng/ul
RT: 19.271 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

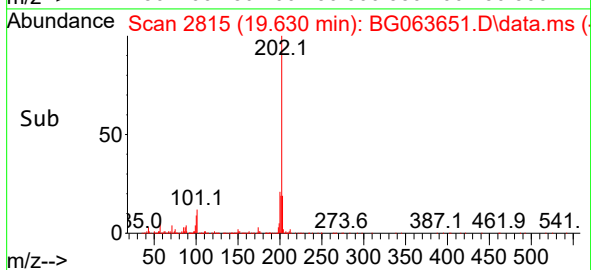
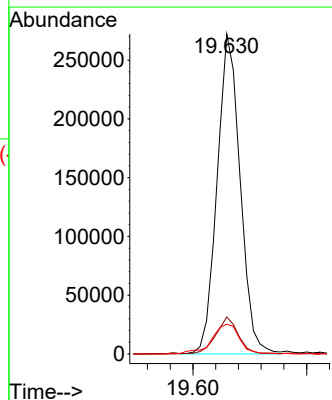
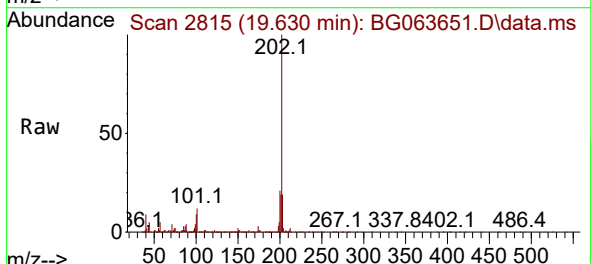
Instrument :
BNA_G
ClientSampleId :
SSTD005431

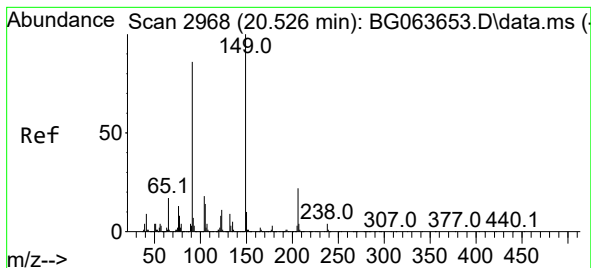
Tgt Ion:202 Resp: 357330
Ion Ratio Lower Upper
202 100
101 9.4 8.1 12.1
100 6.9 6.5 9.7



#82
Pyrene
Concen: 4.776 ng/ul
RT: 19.630 min Scan# 2815
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:202 Resp: 383421
Ion Ratio Lower Upper
202 100
101 11.6 8.7 13.1
100 9.3 7.8 11.6





#83

Butylbenzylphthalate

Concen: 6.856 ng/ul

RT: 20.529 min Scan# 2968

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

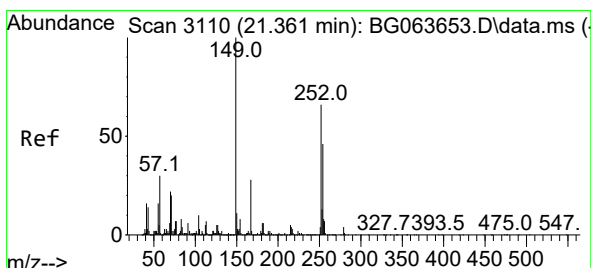
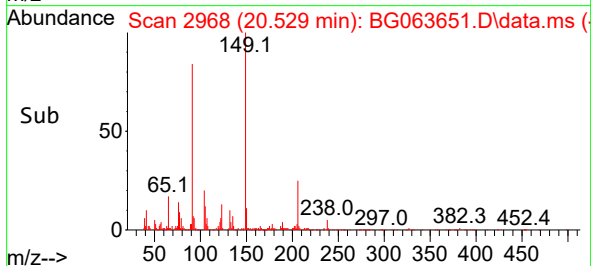
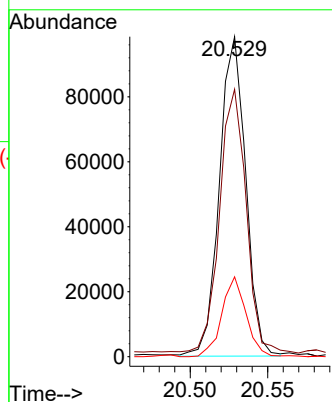
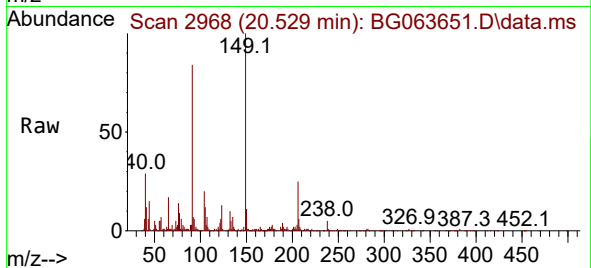
Tgt Ion:149 Resp: 115902

Ion Ratio Lower Upper

149 100

91 83.5 68.7 103.1

206 24.9 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 4.898 ng/ul

RT: 21.363 min Scan# 3110

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

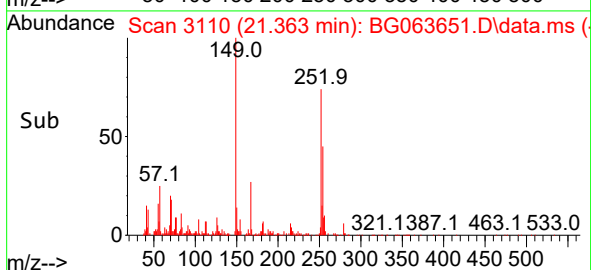
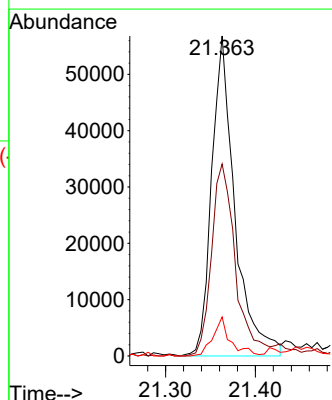
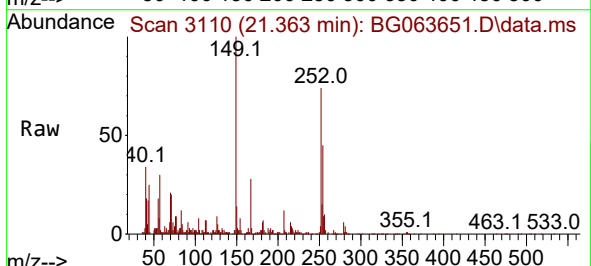
Tgt Ion:252 Resp: 101647

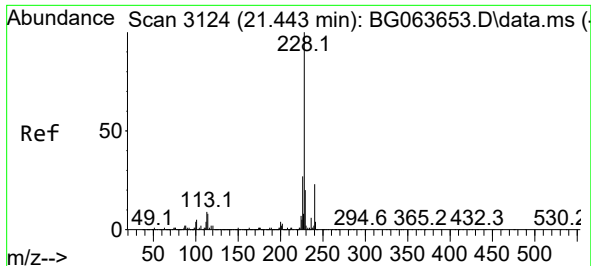
Ion Ratio Lower Upper

252 100

254 60.0 55.8 83.6

126 12.2 6.4 9.6#

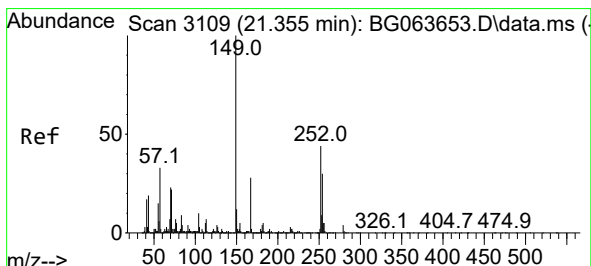
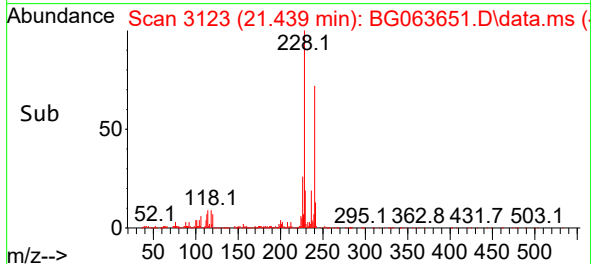
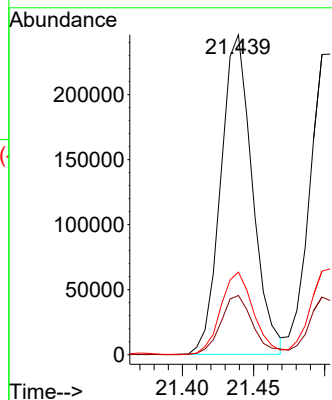
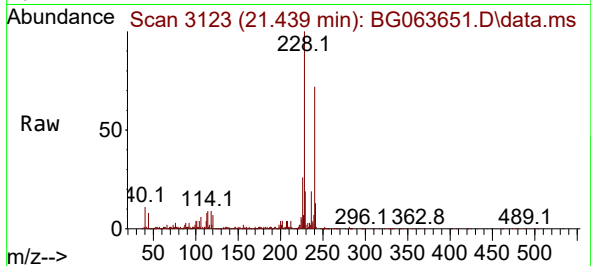




#85
Benzo(a)anthracene
Concen: 4.649 ng/ul
RT: 21.439 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

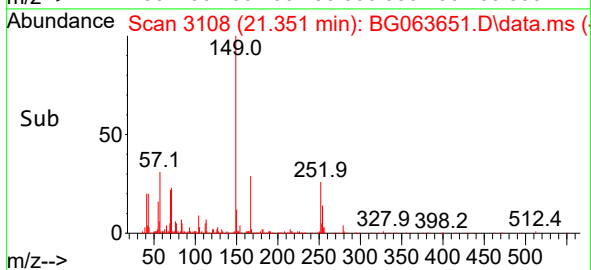
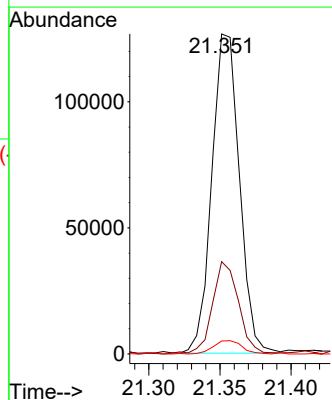
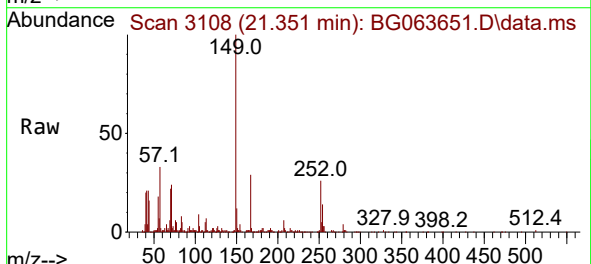
Instrument :
BNA_G
ClientSampleId :
SSTD005431

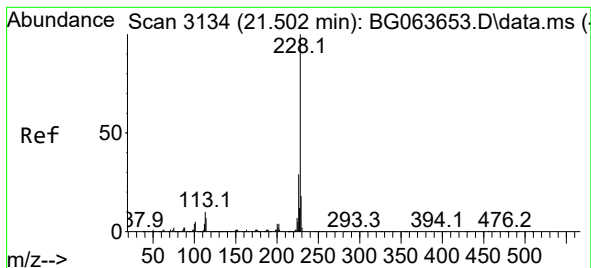
Tgt Ion:228 Resp: 380055
Ion Ratio Lower Upper
228 100
229 18.5 15.7 23.5
226 25.8 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 6.718 ng/ul
RT: 21.351 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BG063651.D
Acq: 11 Dec 2024 13:23

Tgt Ion:149 Resp: 170743
Ion Ratio Lower Upper
149 100
167 28.8 22.1 33.1
279 4.1 2.9 4.3





#87

Chrysene

Concen: 4.846 ng/ul

RT: 21.504 min Scan# 3134

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

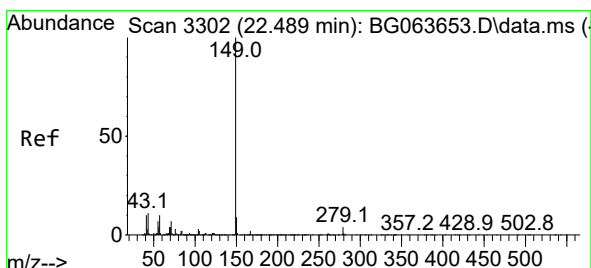
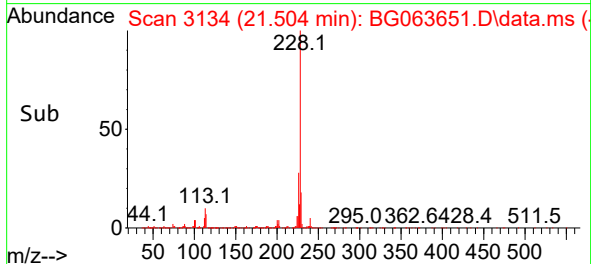
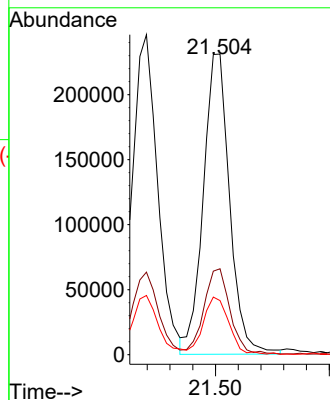
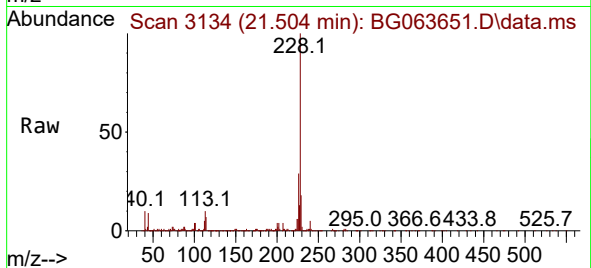
Tgt Ion:228 Resp: 372211

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

229 18.0 14.8 22.2



#89

Di-n-octyl phthalate

Concen: 6.386 ng/ul

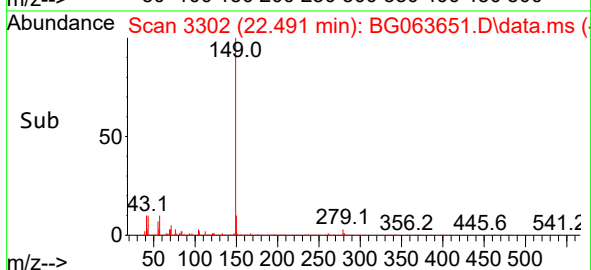
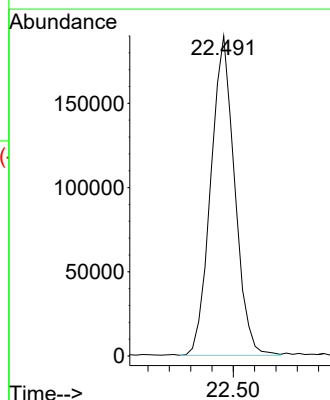
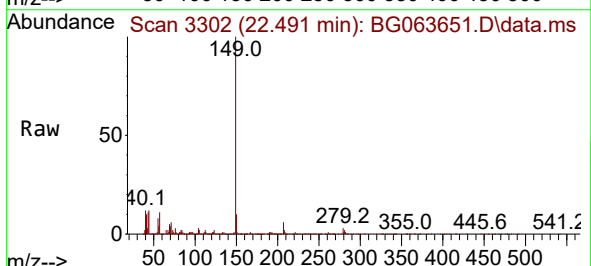
RT: 22.491 min Scan# 3302

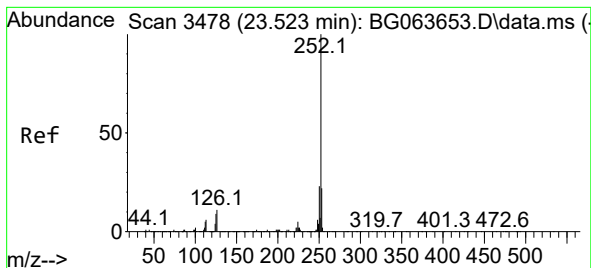
Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Tgt Ion:149 Resp: 294436





#90

Benzo(b)fluoranthene

Concen: 4.280 ng/ul

RT: 23.519 min Scan# 3478

Delta R.T. -0.004 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

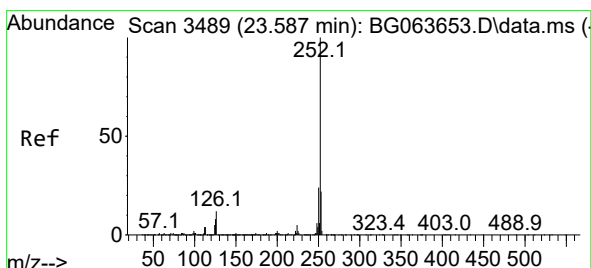
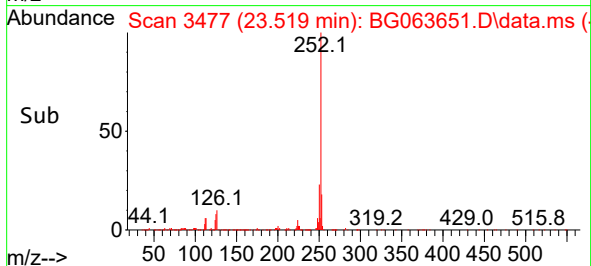
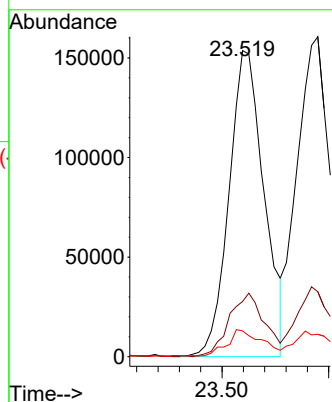
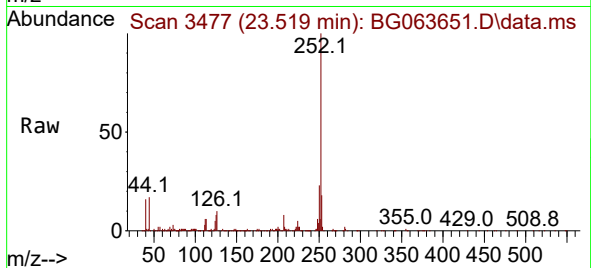
Tgt Ion:252 Resp: 350763

Ion Ratio Lower Upper

252 100

253 18.0 17.7 26.5

125 8.4 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 4.411 ng/ul

RT: 23.590 min Scan# 3489

Delta R.T. 0.002 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

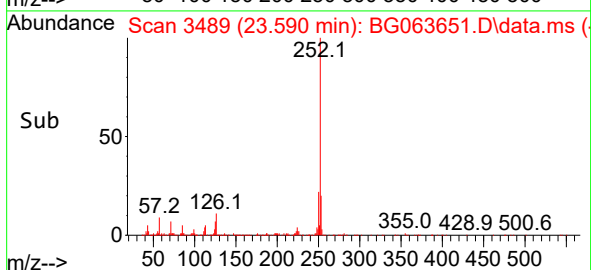
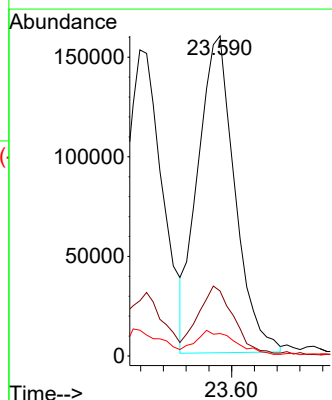
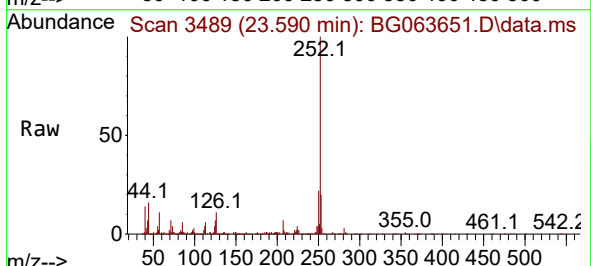
Tgt Ion:252 Resp: 359352

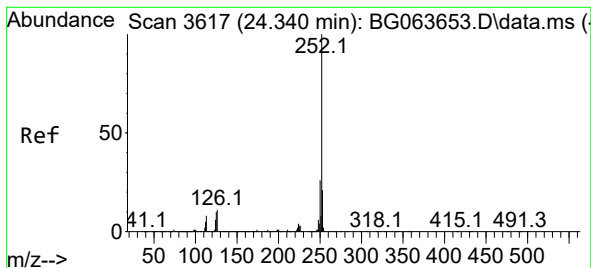
Ion Ratio Lower Upper

252 100

253 20.3 17.7 26.5

125 7.0 6.5 9.7





#93

Benzo(a)pyrene

Concen: 4.243 ng/ul

RT: 24.336 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

Instrument :

BNA_G

ClientSampleId :

SSTD005431

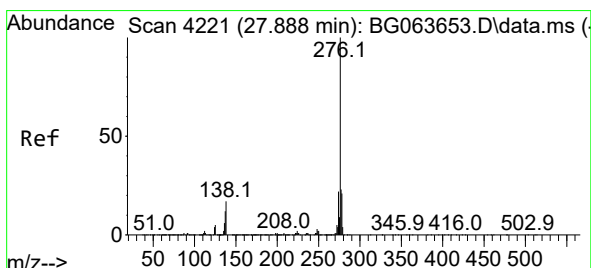
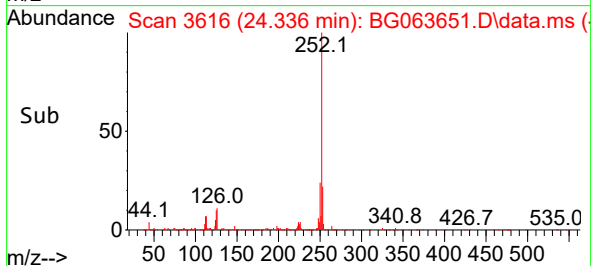
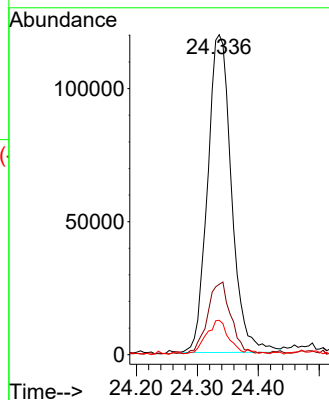
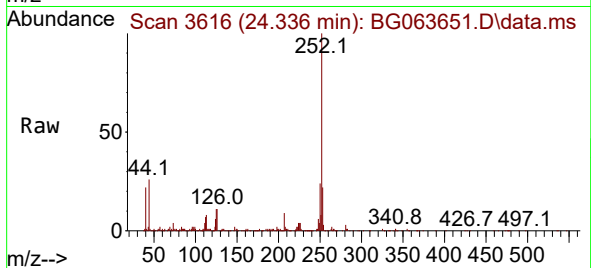
Tgt Ion:252 Resp: 326150

Ion Ratio Lower Upper

252 100

253 22.0 16.6 24.8

125 10.8 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.795 ng/ul

RT: 27.879 min Scan# 4219

Delta R.T. -0.009 min

Lab File: BG063651.D

Acq: 11 Dec 2024 13:23

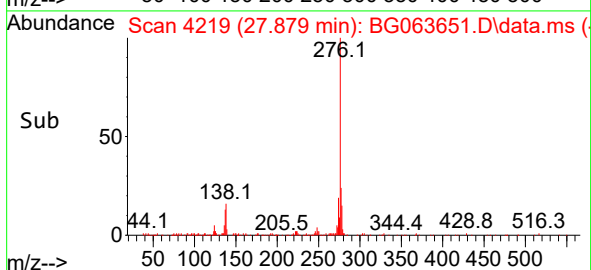
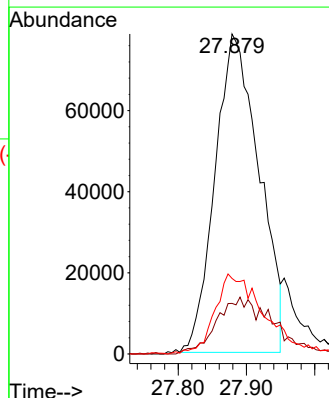
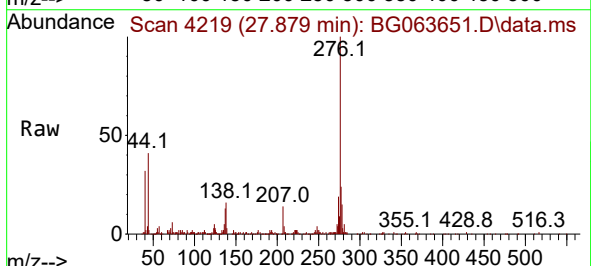
Tgt Ion:276 Resp: 351846

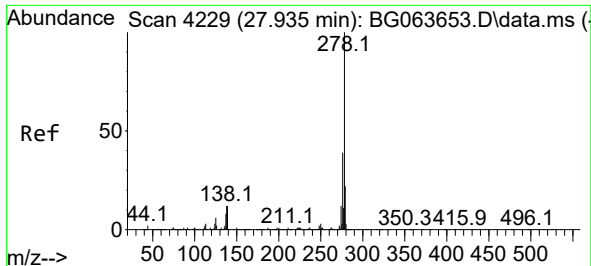
Ion Ratio Lower Upper

276 100

138 15.8 13.7 20.5

277 23.6 18.4 27.6

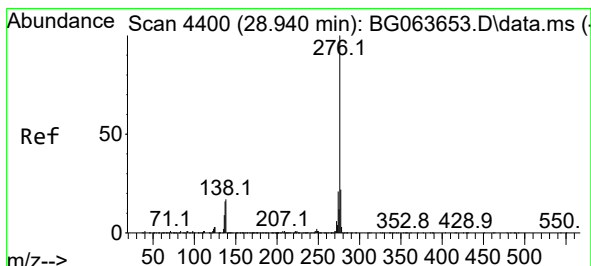
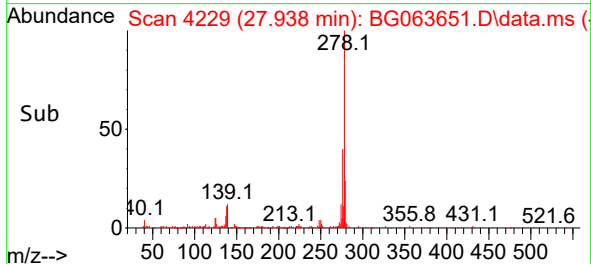
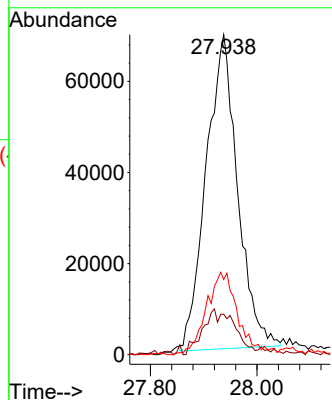
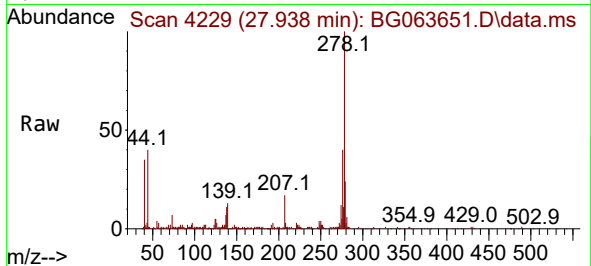




#95
 Dibenzo(a,h)anthracene
 Concen: 3.797 ng/ul
 RT: 27.938 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: BG063651.D
 Acq: 11 Dec 2024 13:23

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005431

Tgt Ion:278 Resp: 282378
 Ion Ratio Lower Upper
 278 100
 139 12.6 9.7 14.5
 279 23.5 17.3 25.9



#96
 Benzo(g,h,i)perylene
 Concen: 4.327 ng/ul
 RT: 28.948 min Scan# 4401
 Delta R.T. 0.008 min
 Lab File: BG063651.D
 Acq: 11 Dec 2024 13:23

Tgt Ion:276 Resp: 304920
 Ion Ratio Lower Upper
 276 100
 138 13.5 13.8 20.8#
 277 22.1 17.8 26.8

