

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
 Data File : BG056063.D
 Acq On : 22 Dec 2022 15:29
 Operator : CG/JU
 Sample : N6126-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS

Quant Time: Dec 23 05:16:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	11035	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	38847	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	32370	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	90397	20.000	ng	# 0.00
76) Chrysene-d12	22.009	240	93674	20.000	ng	0.00
86) Perylene-d12	25.488	264	112766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	68186	144.910	ng	0.00
7) Phenol-d6	7.491	99	83364	137.751	ng	0.00
23) Nitrobenzene-d5	9.530	82	55122	99.159	ng	0.00
42) 2,4,6-Tribromophenol	16.445	330	106497	136.441	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	189441	82.078	ng	0.00
79) Terphenyl-d14	20.276	244	428041	80.760	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.701	88	6742	49.235	ng	97
3) Pyridine	4.113	79	19021	42.208	ng	94
4) n-Nitrosodimethylamine	4.025	42	16810	41.496	ng	87
6) Aniline	7.673	93	16355	22.572	ng	91
8) 2-Chlorophenol	7.914	128	28306	46.628	ng	99
9) Benzaldehyde	7.479	77	16431	43.232	ng	87
10) Phenol	7.521	94	31263	47.201	ng	98
11) bis(2-Chloroethyl)ether	7.756	93	19417	45.006	ng	92
12) 1,3-Dichlorobenzene	8.249	146	33732	42.955	ng	94
13) 1,4-Dichlorobenzene	8.390	146	35249	43.922	ng	100
14) 1,2-Dichlorobenzene	8.719	146	33682	43.916	ng	99
15) Benzyl Alcohol	8.590	79	26373	41.940	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.878	45	28367	50.519	ng	96
17) 2-Methylphenol	8.790	107	23130	44.385	ng	93
18) Hexachloroethane	9.459	117	11106	45.589	ng	86
19) n-Nitroso-di-n-propyla...	9.160	70	17941	41.359	ng	92
20) 3+4-Methylphenols	9.113	107	31904	42.901	ng	99
22) Acetophenone	9.183	105	42844	44.490	ng	96
24) Nitrobenzene	9.571	77	29305	52.374	ng	97
25) Isophorone	10.094	82	52019	44.626	ng	99
26) 2-Nitrophenol	10.288	139	18227	55.027	ng	# 91
27) 2,4-Dimethylphenol	10.329	122	27844	50.053	ng	95
28) bis(2-Chloroethoxy)met...	10.570	93	26500	51.439	ng	96
29) 2,4-Dichlorophenol	10.823	162	36548	46.288	ng	98
30) 1,2,4-Trichlorobenzene	11.046	180	44960	43.804	ng	96
31) Naphthalene	11.240	128	88410	43.132	ng	98
32) Benzoic acid	10.458	122	21965	46.286	ng	86
33) 4-Chloroaniline	11.334	127	8972	10.210	ng	95
34) Hexachlorobutadiene	11.516	225	39490	40.925	ng	91
35) Caprolactam	12.103	113	5632	25.601	ng	# 62
36) 4-Chloro-3-methylphenol	12.432	107	32826	44.337	ng	95
37) 2-Methylnaphthalene	12.820	142	73658	40.674	ng	98
38) 1-Methylnaphthalene	13.032	142	69122	39.181	ng	99
40) 1,2,4,5-Tetrachloroben...	13.179	216	65687	48.096	ng	99
41) Hexachlorocyclopentadiene	13.155	237	98133	126.656	ng	98
43) 2,4,6-Trichlorophenol	13.408	196	41498	51.330	ng	94

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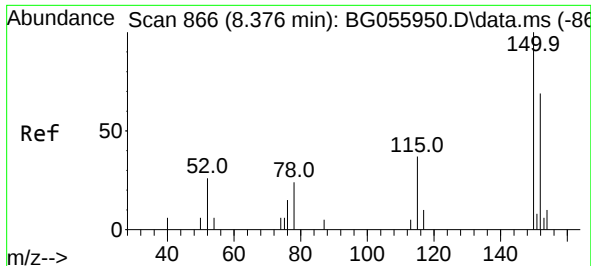
Quant Time: Dec 23 05:16:56 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.478	196	44517	48.848	ng	99
46) 1,1'-Biphenyl	13.801	154	105342	48.011	ng	99
47) 2-Chloronaphthalene	13.854	162	82773	46.428	ng	96
48) 2-Nitroaniline	14.042	65	21197	59.591	ng	92
49) Acenaphthylene	14.695	152	131783	46.310	ng	99
50) Dimethylphthalate	14.407	163	119432	42.676	ng	99
51) 2,6-Dinitrotoluene	14.530	165	25222	58.239	ng	92
52) Acenaphthene	15.029	154	84771	44.373	ng	95
53) 3-Nitroaniline	14.853	138	8033	18.236	ng	# 87
54) 2,4-Dinitrophenol	15.059	184	38956	120.998	ng	# 80
55) Dibenzofuran	15.358	168	143053	44.529	ng	98
56) 4-Nitrophenol	15.153	139	38091	107.907	ng	97
57) 2,4-Dinitrotoluene	15.311	165	36581	55.959	ng	92
58) Fluorene	16.005	166	113161	43.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.582	232	48997	47.061	ng	99
60) Diethylphthalate	15.752	149	111878	40.901	ng	98
61) 4-Chlorophenyl-phenyle...	15.987	204	79078	44.202	ng	98
62) 4-Nitroaniline	16.016	138	22049	45.962	ng	98
63) Azobenzene	16.281	77	72797	43.725	ng	99
65) 4,6-Dinitro-2-methylph...	16.069	198	26806	62.075	ng	88
66) n-Nitrosodiphenylamine	16.199	169	105312	44.456	ng	99
67) 4-Bromophenyl-phenylether	16.880	248	58159	43.907	ng	95
68) Hexachlorobenzene	17.004	284	70819	43.406	ng	98
69) Atrazine	17.133	200	51417	47.936	ng	97
70) Pentachlorophenol	17.344	266	90340	96.853	ng	95
71) Phenanthrene	17.744	178	205201	43.316	ng	99
72) Anthracene	17.832	178	205175	43.778	ng	100
73) Carbazole	18.096	167	169634	43.886	ng	97
74) Di-n-butylphthalate	18.631	149	186705	41.534	ng	99
75) Fluoranthene	19.736	202	270932	40.842	ng	99
77) Benzidine	19.894	184	61997	37.686	ng	98
78) Pyrene	20.094	202	271993	47.985	ng	100
80) Butylbenzylphthalate	20.958	149	79082	49.236	ng	98
81) Benzo(a)anthracene	21.986	228	300319	45.561	ng	100
82) 3,3'-Dichlorobenzidine	21.880	252	44922	18.942	ng	95
83) Chrysene	22.056	228	281534	45.572	ng	99
84) Bis(2-ethylhexyl)phtha...	21.857	149	114519	47.990	ng	98
85) Di-n-octyl phthalate	23.155	149	193456	47.792	ng	99
87) Indeno(1,2,3-cd)pyrene	29.512	276	391057	43.125	ng	99
88) Benzo(b)fluoranthene	24.377	252	330152	45.238	ng	99
89) Benzo(k)fluoranthene	24.454	252	323162	44.382	ng	99
90) Benzo(a)pyrene	25.329	252	290428	47.079	ng	99
91) Dibenzo(a,h)anthracene	29.577	278	327704	43.177	ng	97
92) Benzo(g,h,i)perylene	30.770	276	315899	43.048	ng	98

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

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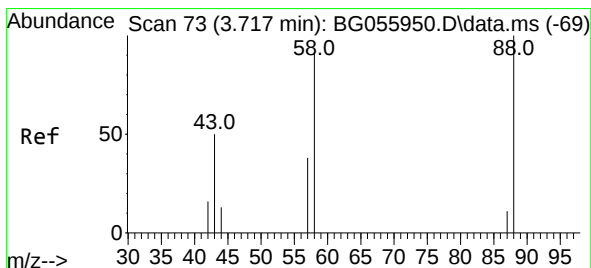
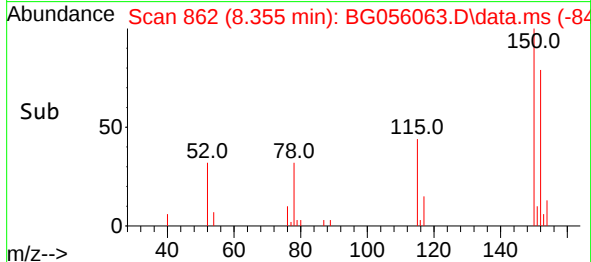
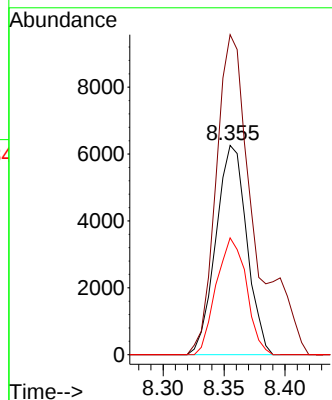
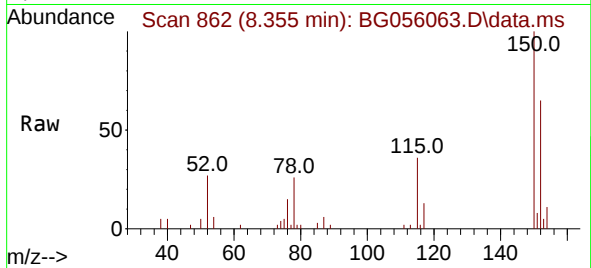




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

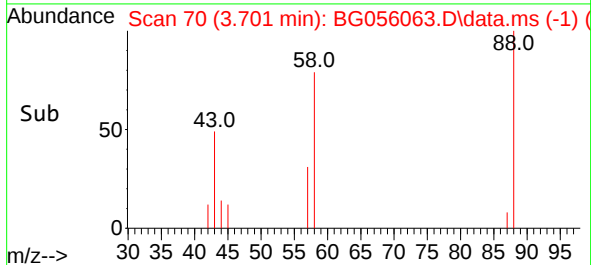
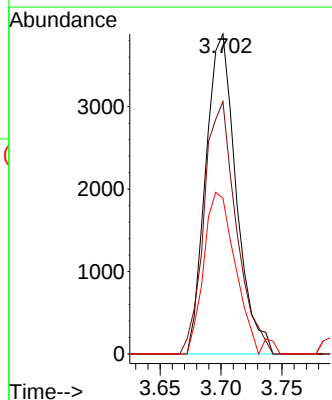
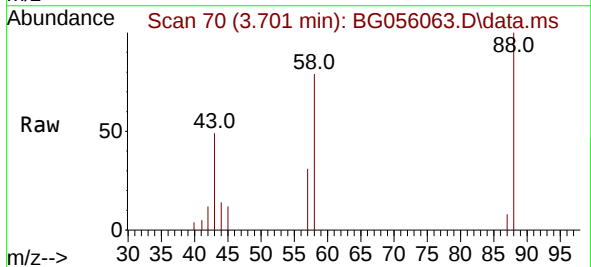
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A5(0-6)MS

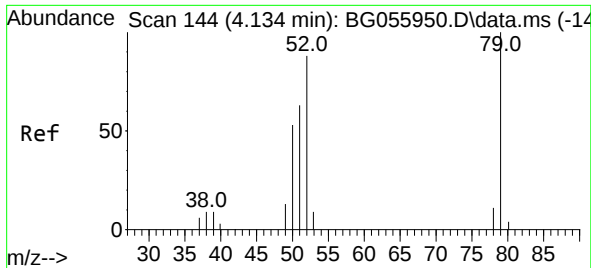
Tgt Ion:152 Resp: 11035
Ion Ratio Lower Upper
152 100
150 152.9 115.7 173.5
115 55.8 43.0 64.4



#2
1,4-Dioxane
Concen: 49.235 ng
RT: 3.701 min Scan# 70
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 88 Resp: 6742
Ion Ratio Lower Upper
88 100
58 83.3 67.0 100.4
43 51.8 45.7 68.5

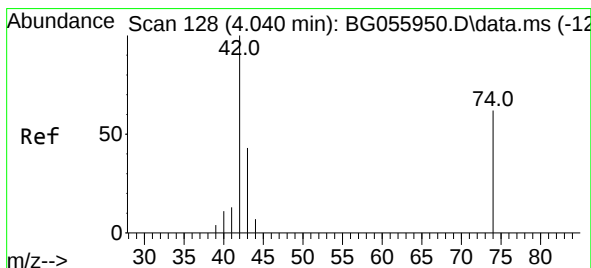
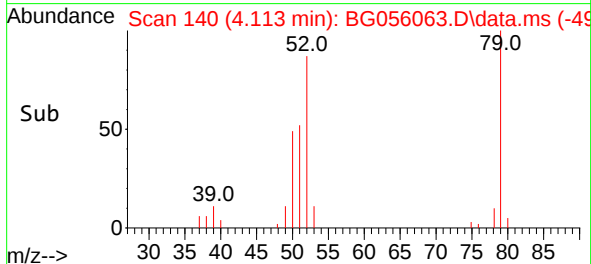
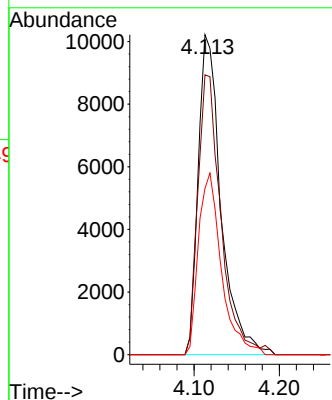
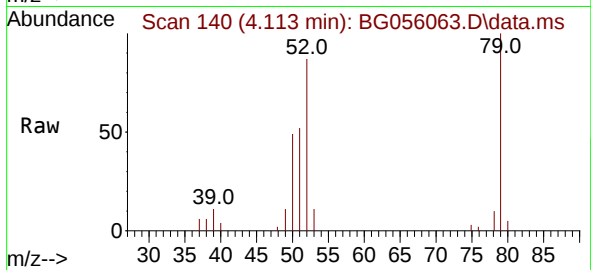




#3
Pyridine
Concen: 42.208 ng
RT: 4.113 min Scan# 14
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

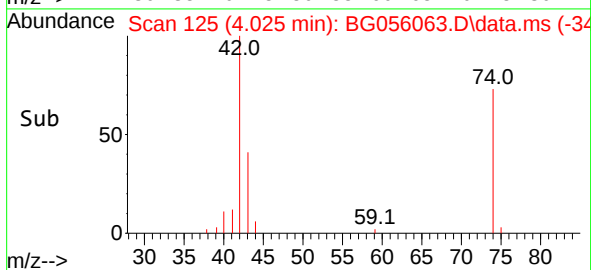
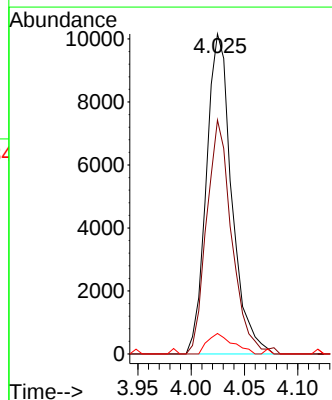
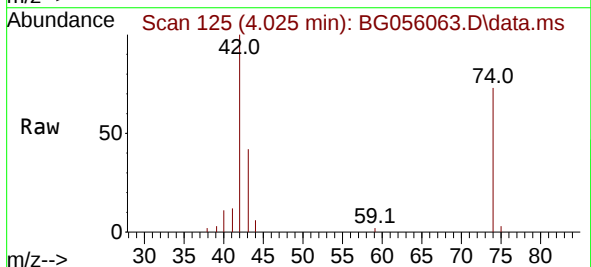
Instrument :
BNA_G
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A5(0-6)MS

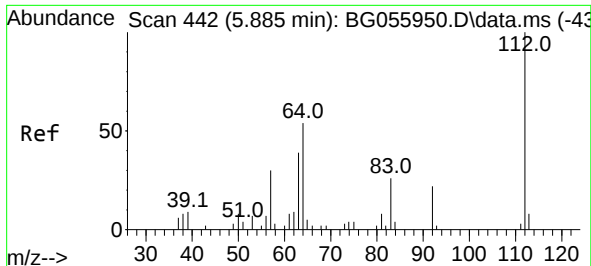
Tgt Ion:	79	Resp:	19021
Ion	Ratio	Lower	Upper
79	100		
52	87.5	70.3	105.5
51	52.0	50.6	76.0



#4
n-Nitrosodimethylamine
Concen: 41.496 ng
RT: 4.025 min Scan# 125
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:	42	Resp:	16810
Ion	Ratio	Lower	Upper
42	100		
74	73.1	49.8	74.6
44	6.4	5.2	7.8

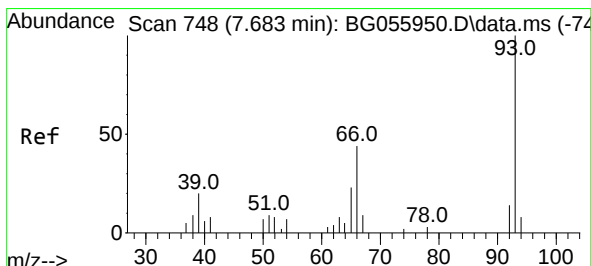
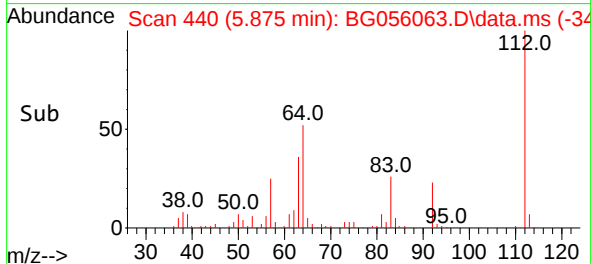
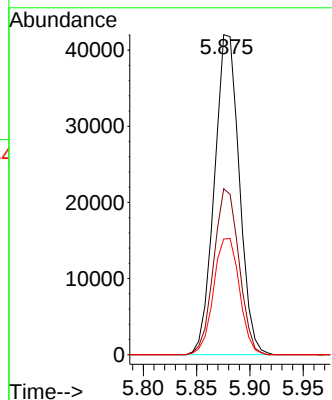
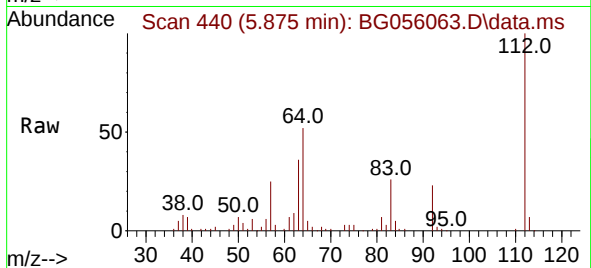




#5
2-Fluorophenol
Concen: 144.910 ng
RT: 5.875 min Scan# 441
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

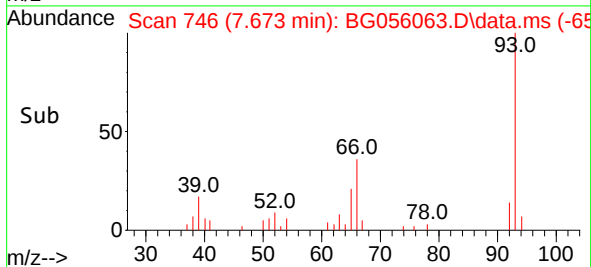
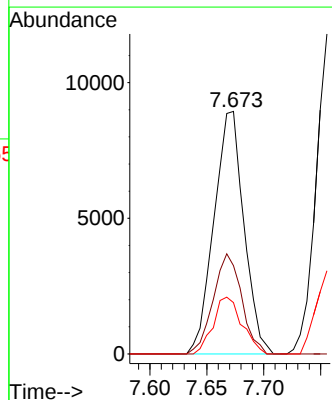
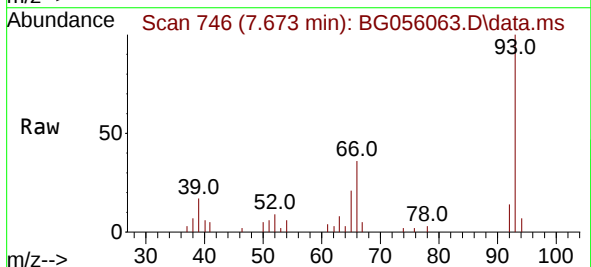
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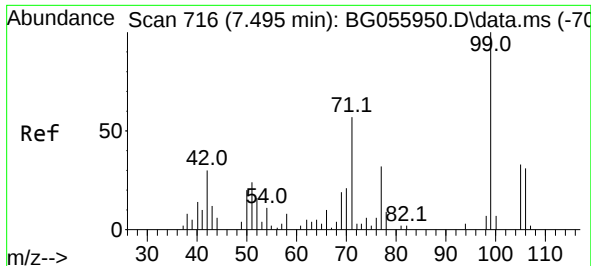
Tgt Ion:112 Resp: 68186
Ion Ratio Lower Upper
112 100
64 51.8 43.0 64.4
63 36.1 31.4 47.2



#6
Aniline
Concen: 22.572 ng
RT: 7.673 min Scan# 746
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 93 Resp: 16355
Ion Ratio Lower Upper
93 100
66 36.4 35.5 53.3
65 21.2 18.2 27.2

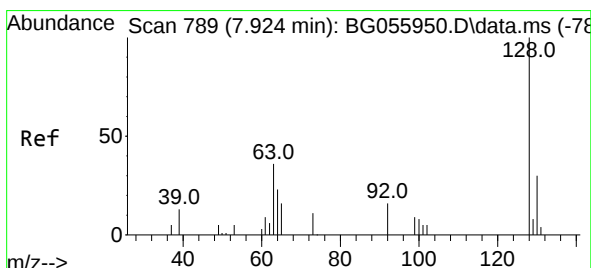
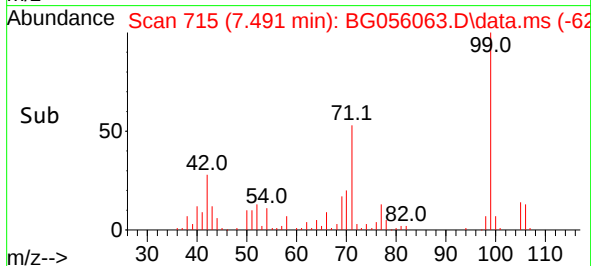
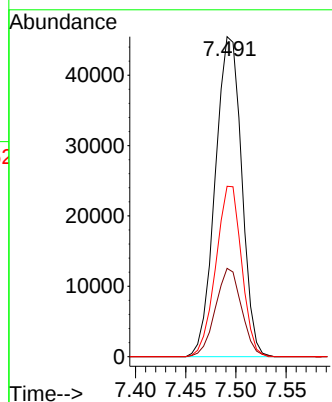
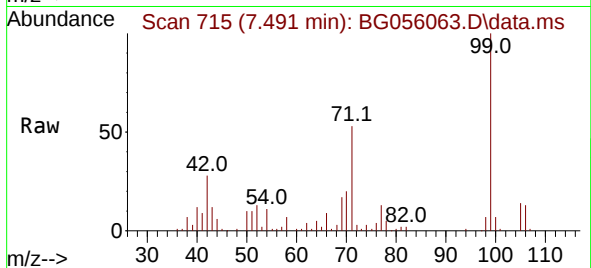




#7
Phenol-d6
Concen: 137.751 ng
RT: 7.491 min Scan# 715
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

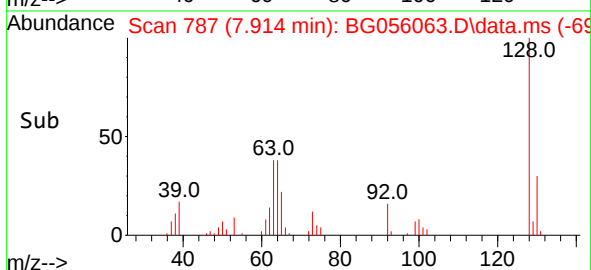
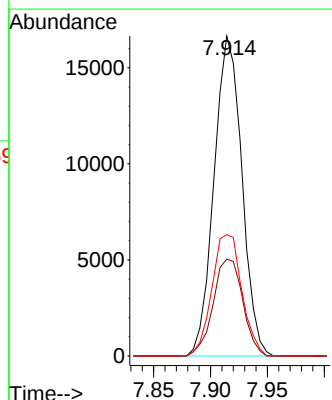
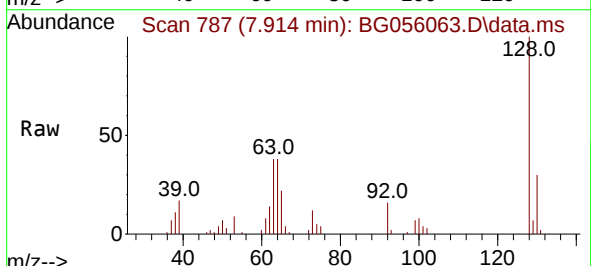
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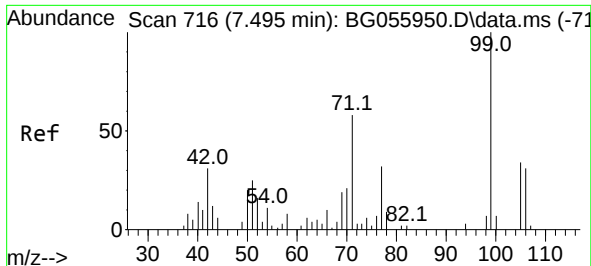
Tgt Ion: 99 Resp: 83364
Ion Ratio Lower Upper
99 100
42 27.6 24.3 36.5
71 53.3 45.6 68.4



#8
2-Chlorophenol
Concen: 46.628 ng
RT: 7.914 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:128 Resp: 28306
Ion Ratio Lower Upper
128 100
130 30.3 9.9 49.9
64 37.9 16.7 56.7

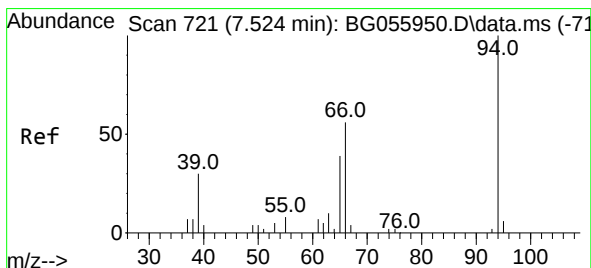
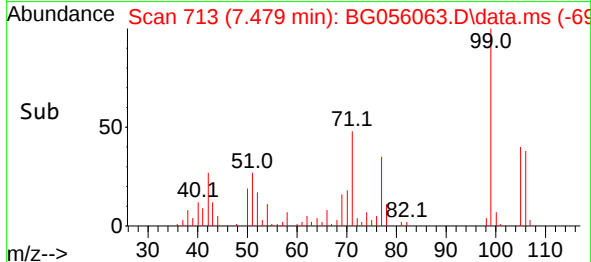
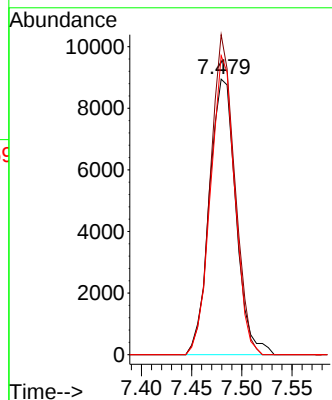
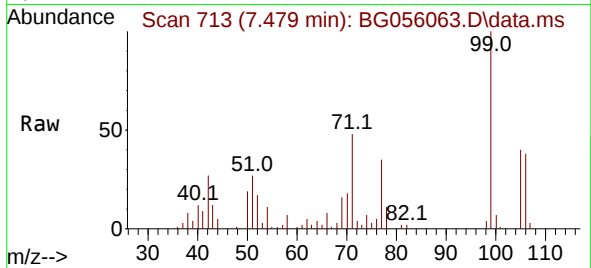




#9
Benzaldehyde
Concen: 43.232 ng
RT: 7.479 min Scan# 716
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

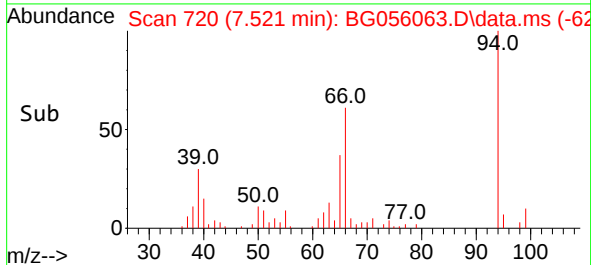
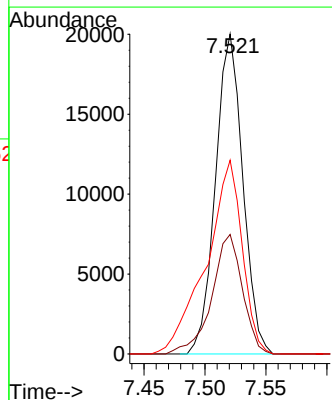
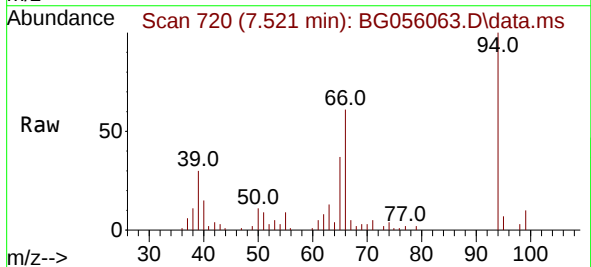
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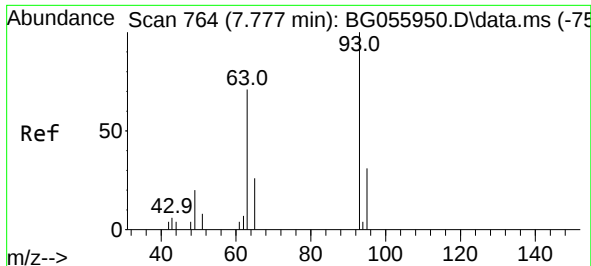
Tgt Ion: 77 Resp: 16431
Ion Ratio Lower Upper
77 100
105 116.1 83.1 123.1
106 108.5 76.3 116.3



#10
Phenol
Concen: 47.201 ng
RT: 7.521 min Scan# 720
Delta R.T. 0.008 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 94 Resp: 31263
Ion Ratio Lower Upper
94 100
65 37.4 18.9 58.9
66 60.6 41.5 81.5

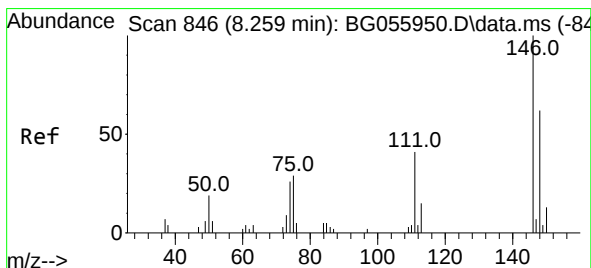
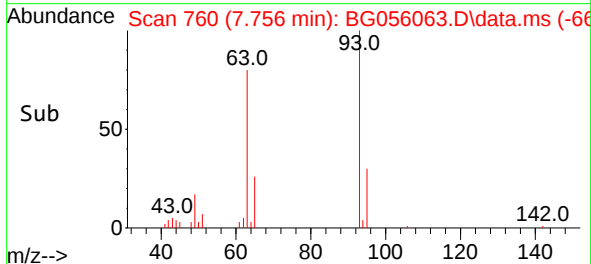
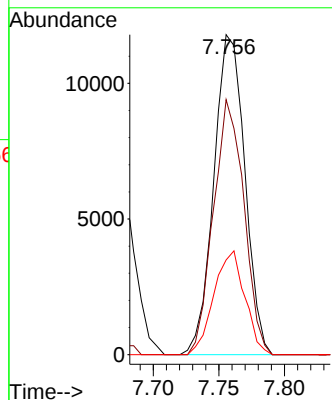
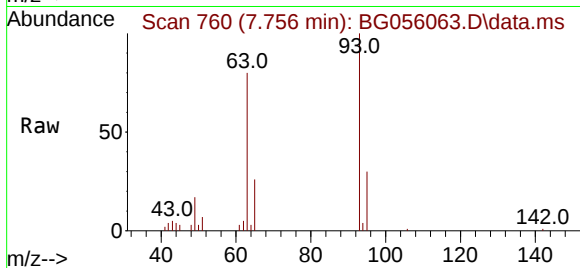




#11
bis(2-Chloroethyl)ether
Concen: 45.006 ng
RT: 7.756 min Scan# 760
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

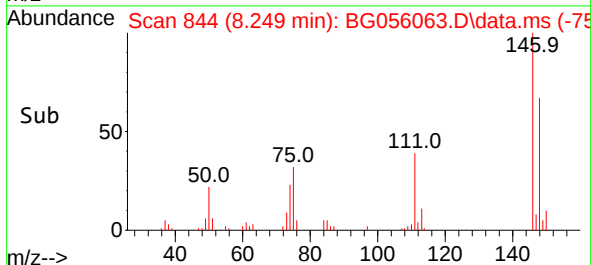
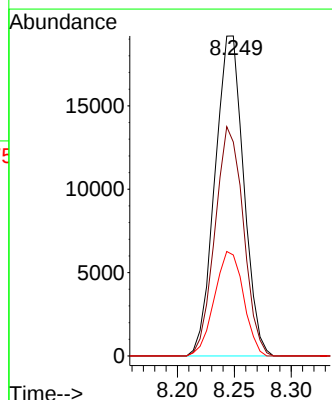
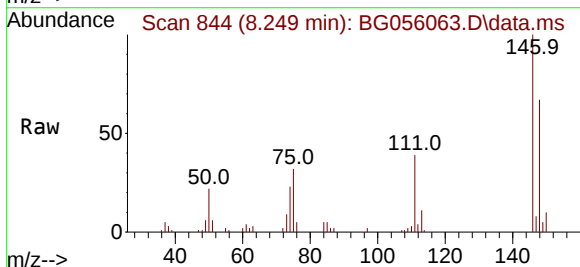
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

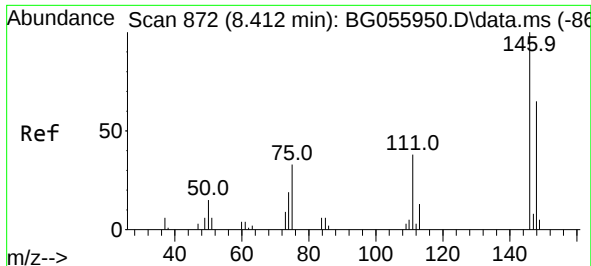
Tgt Ion: 93	Resp:	19417	
Ion	Ratio	Lower	Upper
93	100		
63	79.7	51.4	91.4
95	29.6	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 42.955 ng
RT: 8.249 min Scan# 844
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:146	Resp:	33732	
Ion	Ratio	Lower	Upper
146	100		
148	66.8	49.7	74.5
75	31.6	22.9	34.3

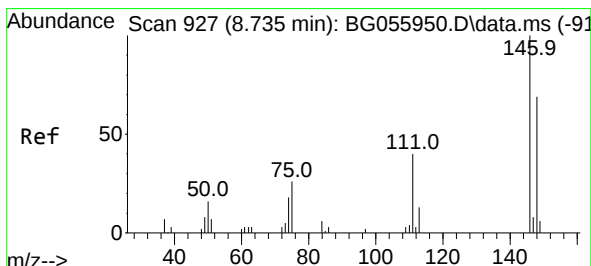
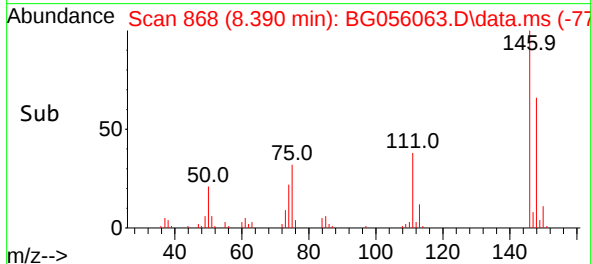
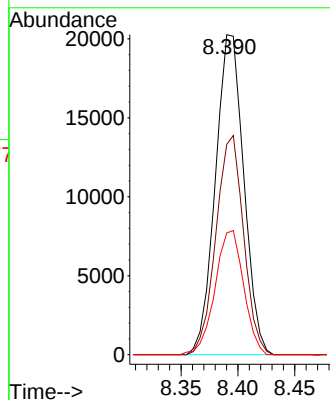
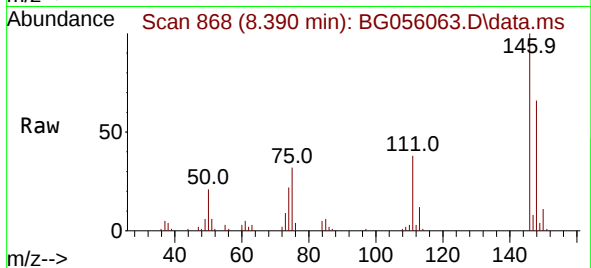




#13
1,4-Dichlorobenzene
Concen: 43.922 ng
RT: 8.390 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

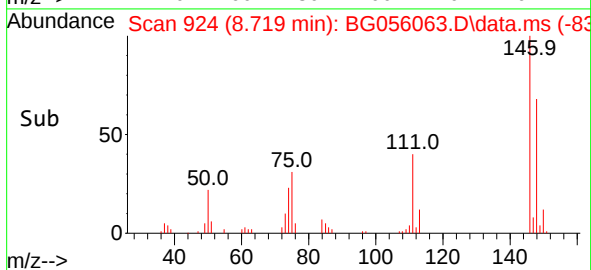
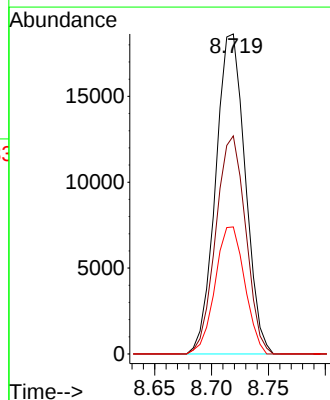
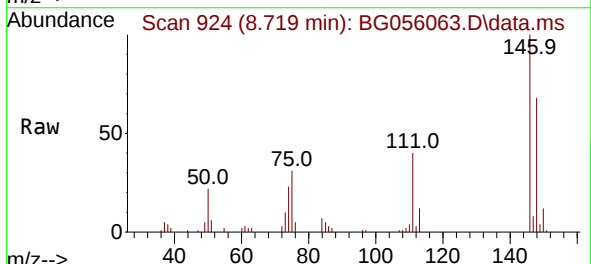
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

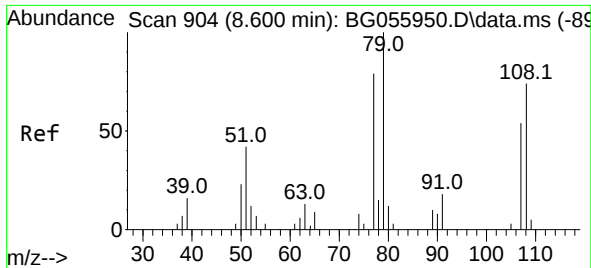
Tgt Ion:146 Resp: 35249
Ion Ratio Lower Upper
146 100
148 65.7 52.4 78.6
111 38.0 30.6 46.0



#14
1,2-Dichlorobenzene
Concen: 43.916 ng
RT: 8.719 min Scan# 924
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:146 Resp: 33682
Ion Ratio Lower Upper
146 100
148 68.1 55.1 82.7
111 39.7 32.4 48.6

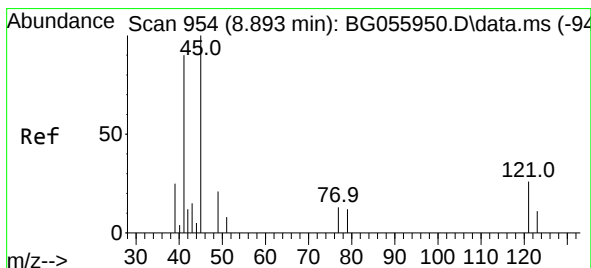
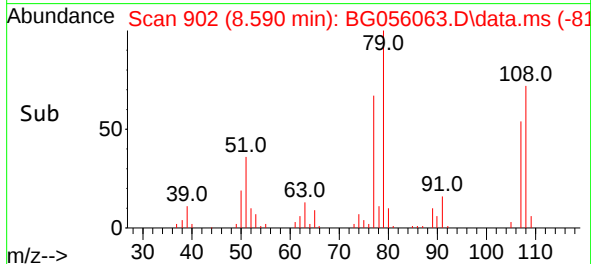
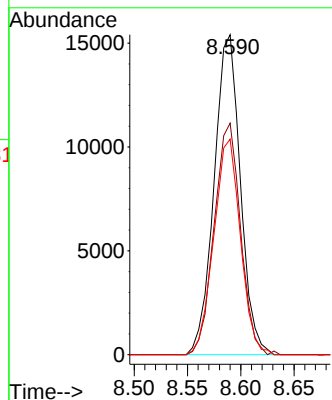
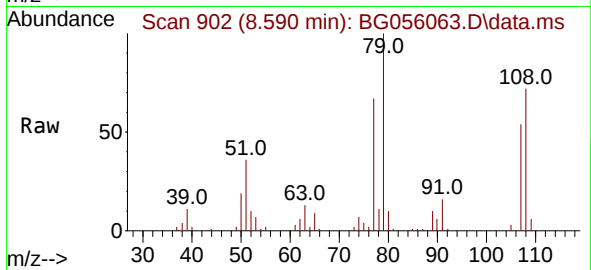




#15
Benzyl Alcohol
Concen: 41.940 ng
RT: 8.590 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

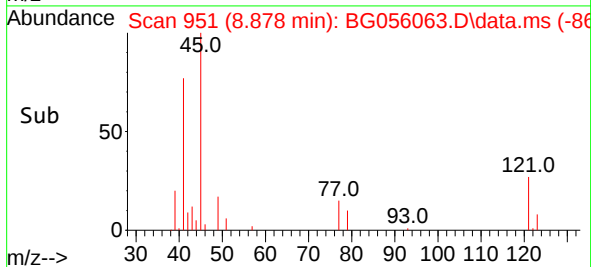
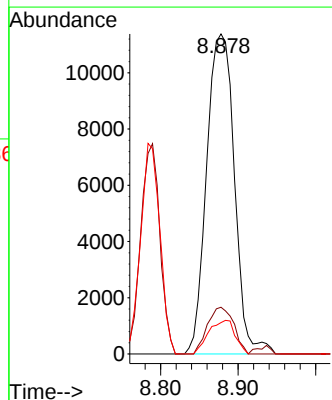
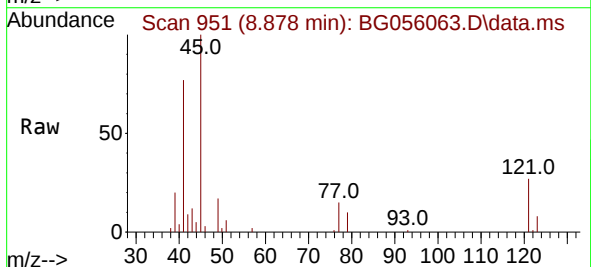
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

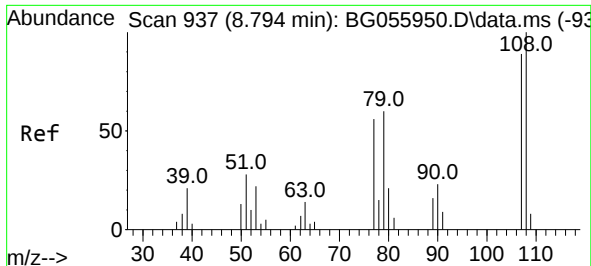
Tgt Ion: 79 Resp: 26373
Ion Ratio Lower Upper
79 100
108 72.3 59.5 89.3
77 67.4 63.0 94.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.519 ng
RT: 8.878 min Scan# 951
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 45 Resp: 28367
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.4
79 9.8 0.0 31.8





#17

2-Methylphenol

Concen: 44.385 ng

RT: 8.790 min Scan# 91

Delta R.T. 0.008 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

Tgt Ion:107 Resp: 23130

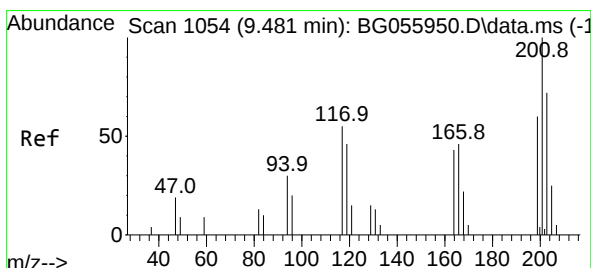
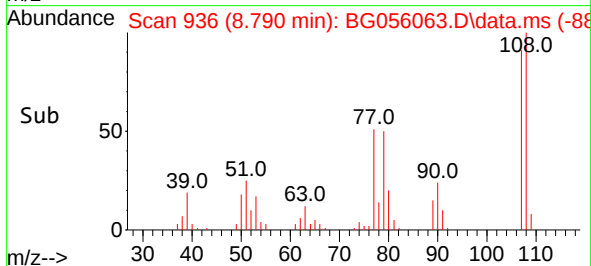
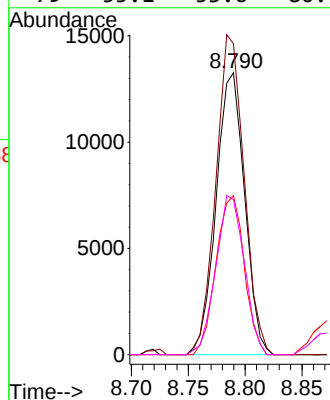
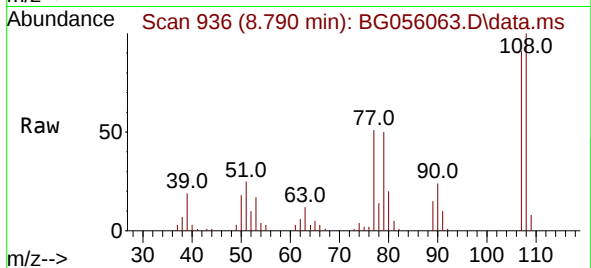
Ion Ratio Lower Upper

107 100

108 110.3 89.8 134.8

77 56.4 50.2 75.2

79 55.1 53.6 80.4



#18

Hexachloroethane

Concen: 45.589 ng

RT: 9.459 min Scan# 1050

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

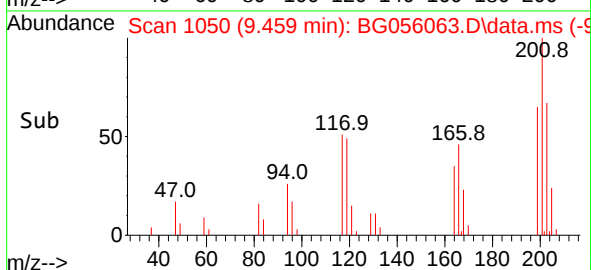
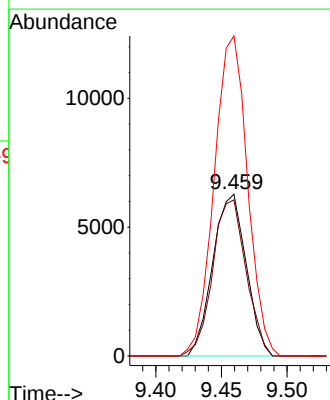
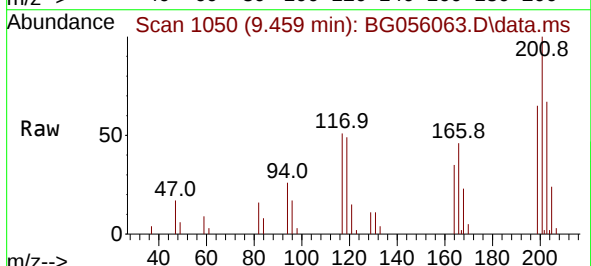
Tgt Ion:117 Resp: 11106

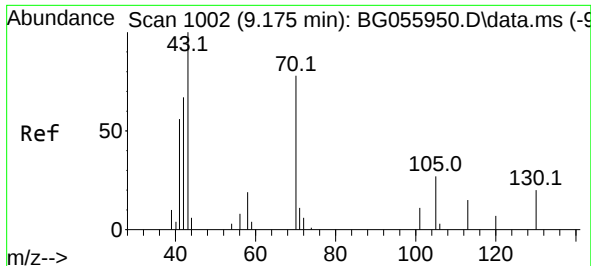
Ion Ratio Lower Upper

117 100

119 96.5 66.8 100.2

201 201.4 144.6 217.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.359 ng

RT: 9.160 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

Tgt Ion: 70 Resp: 17941

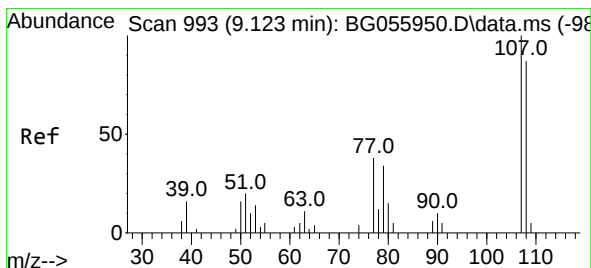
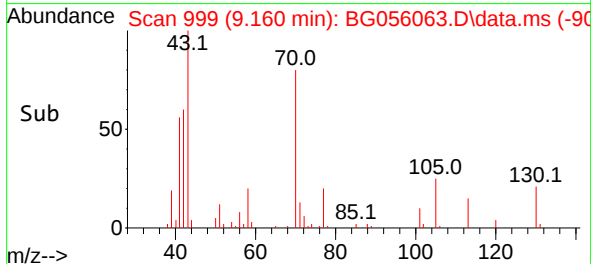
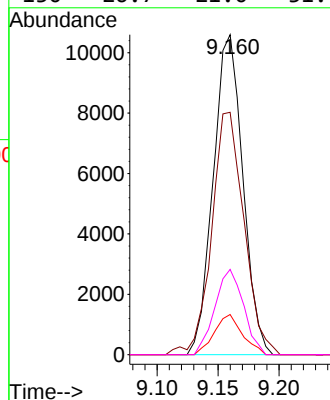
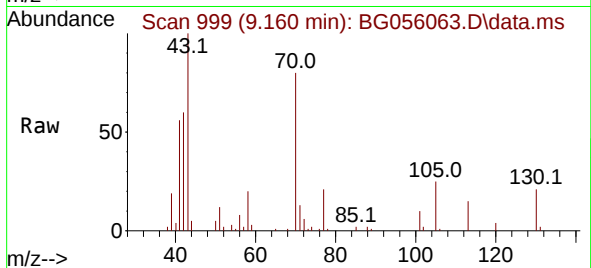
Ion Ratio Lower Upper

70 100

42 75.8 69.0 103.4

101 12.6 11.8 17.8

130 26.7 21.0 31.4



#20

3+4-Methylphenols

Concen: 42.901 ng

RT: 9.113 min Scan# 991

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Tgt Ion: 107 Resp: 31904

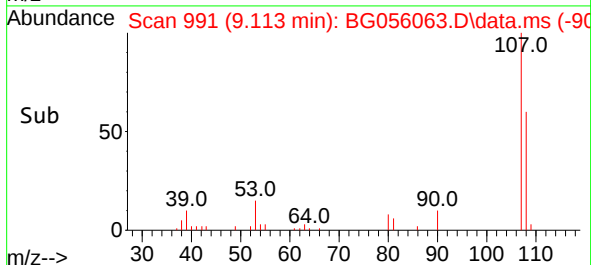
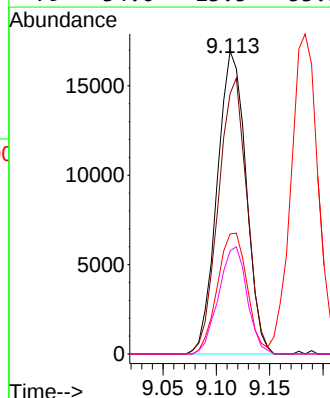
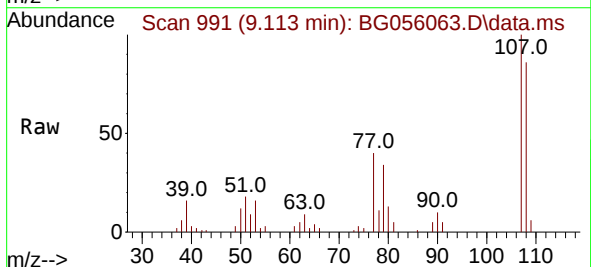
Ion Ratio Lower Upper

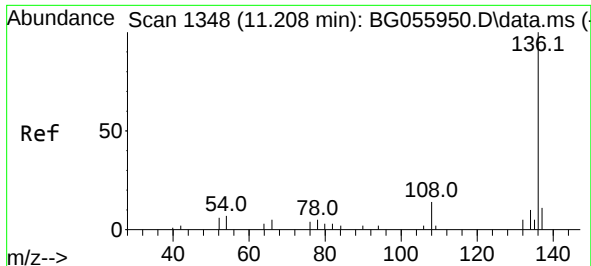
107 100

108 86.0 67.0 107.0

77 39.6 18.3 58.3

79 34.0 13.5 53.5

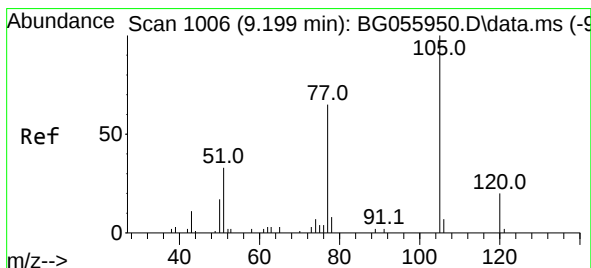
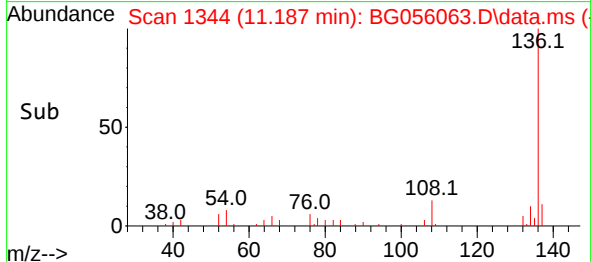
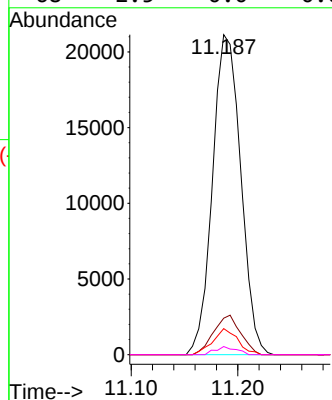
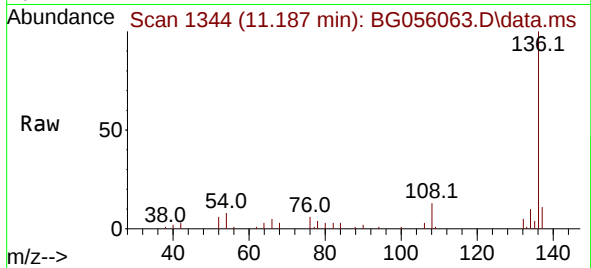




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

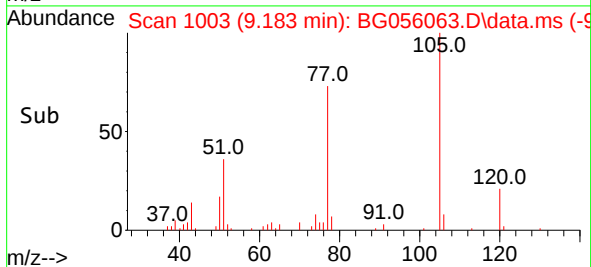
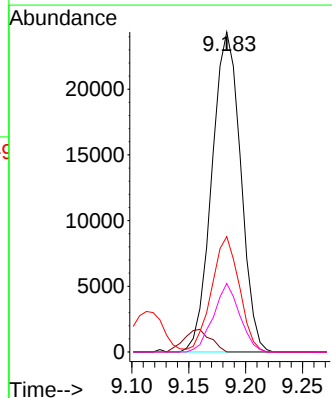
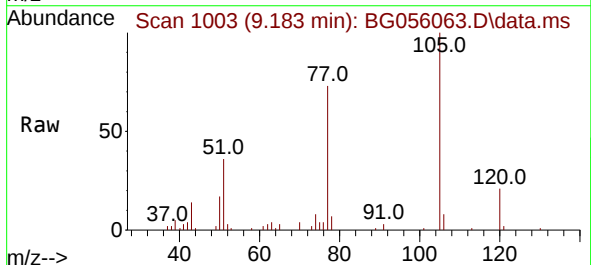
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

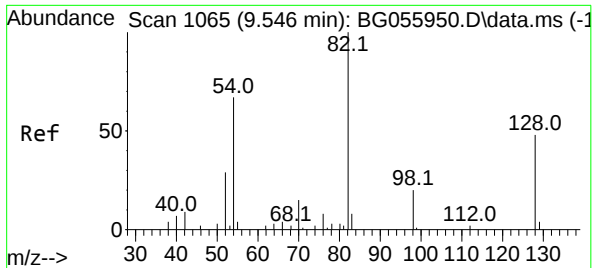
Tgt Ion:136 Resp: 38847
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.2 5.6 8.4
68 2.5 0.0 0.0#



#22
Acetophenone
Concen: 44.490 ng
RT: 9.183 min Scan# 1003
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:105 Resp: 42844
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 36.0 26.7 40.1
120 21.4 16.4 24.6

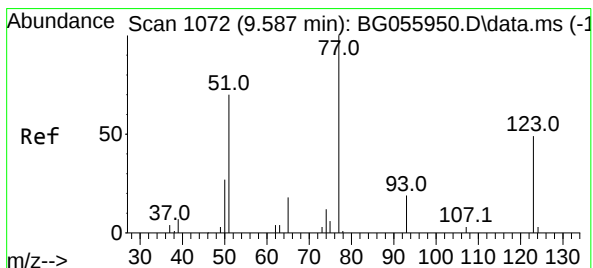
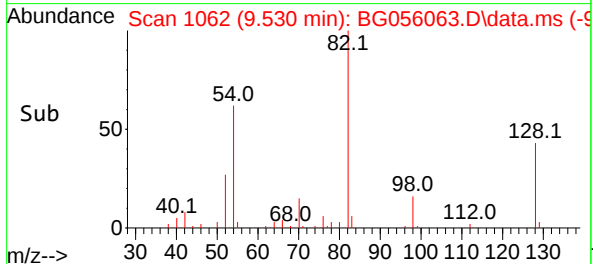
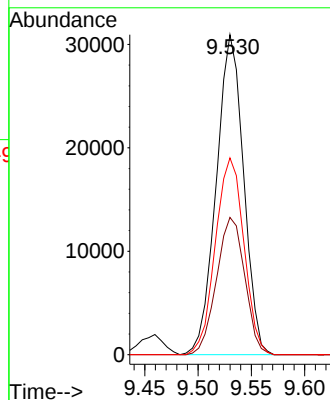
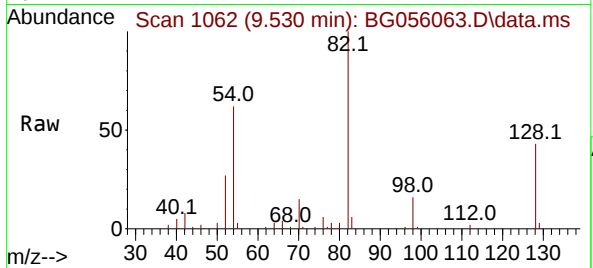




#23
Nitrobenzene-d5
Concen: 99.159 ng
RT: 9.530 min Scan# 1062
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

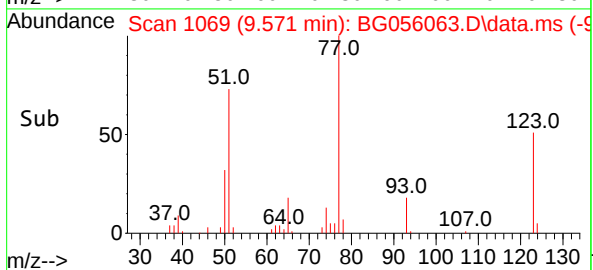
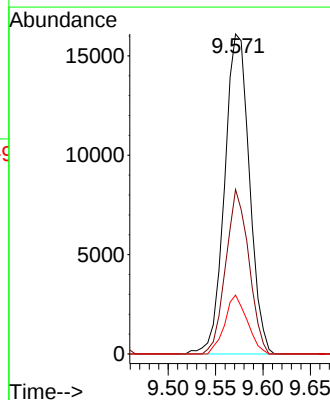
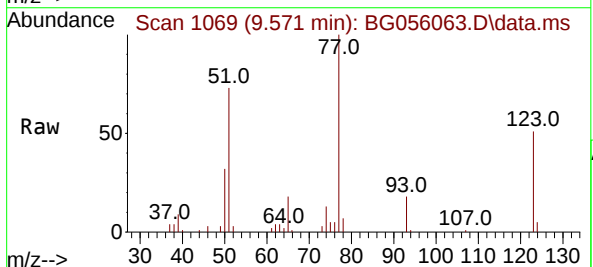
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

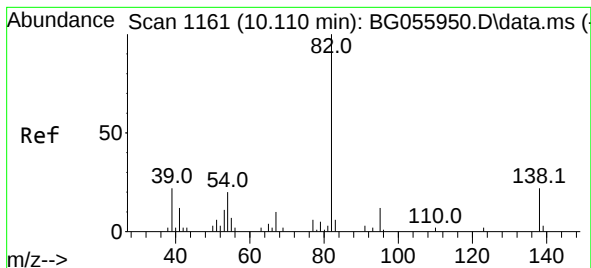
Tgt Ion: 82 Resp: 55122
Ion Ratio Lower Upper
82 100
128 42.9 38.4 57.6
54 61.5 53.3 79.9



#24
Nitrobenzene
Concen: 52.374 ng
RT: 9.571 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion: 77 Resp: 29305
Ion Ratio Lower Upper
77 100
123 51.4 38.9 58.3
65 18.4 14.7 22.1





#25

Isophorone

Concen: 44.626 ng

RT: 10.094 min Scan# 1158

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

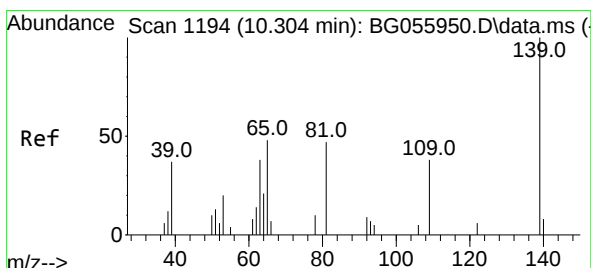
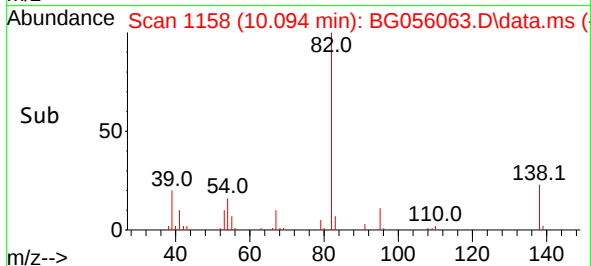
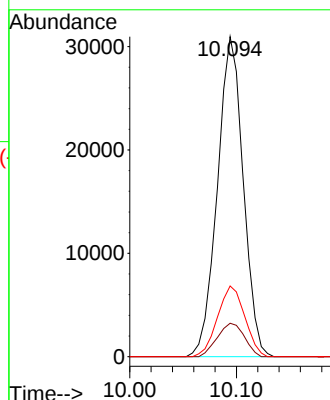
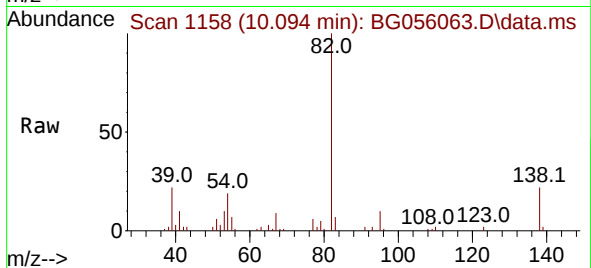
Tgt Ion: 82 Resp: 52019

Ion Ratio Lower Upper

82 100

95 10.4 9.4 14.0

138 22.1 17.7 26.5



#26

2-Nitrophenol

Concen: 55.027 ng

RT: 10.288 min Scan# 1191

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

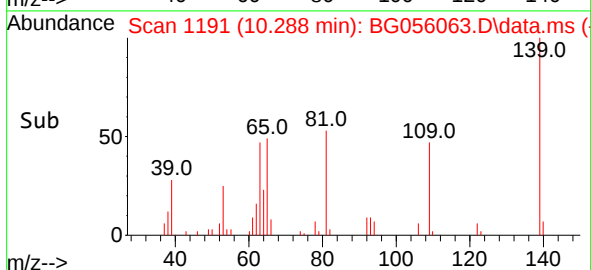
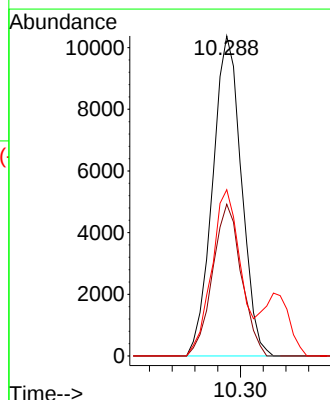
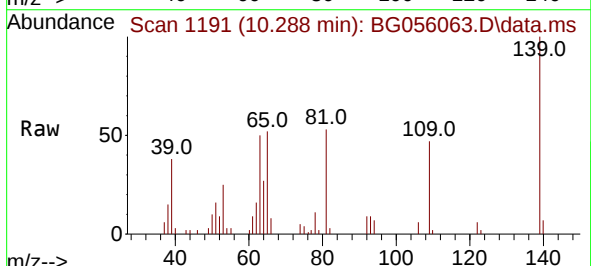
Tgt Ion:139 Resp: 18227

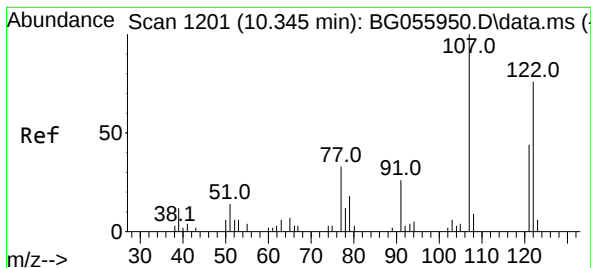
Ion Ratio Lower Upper

139 100

109 47.4 30.7 46.1#

65 51.9 38.8 58.2





#27

2,4-Dimethylphenol

Concen: 50.053 ng

RT: 10.329 min Scan# 1198

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

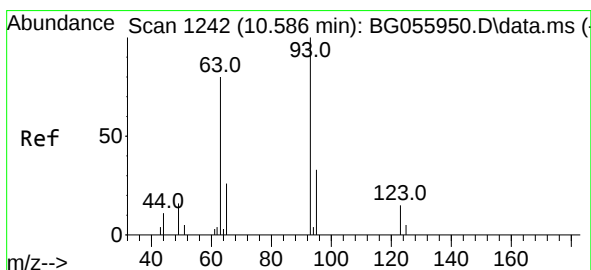
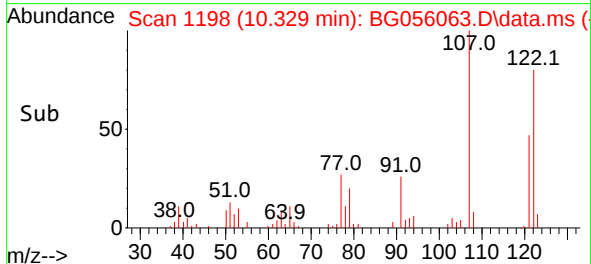
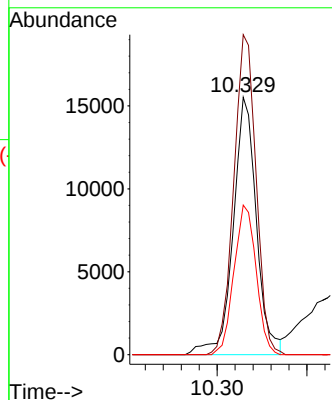
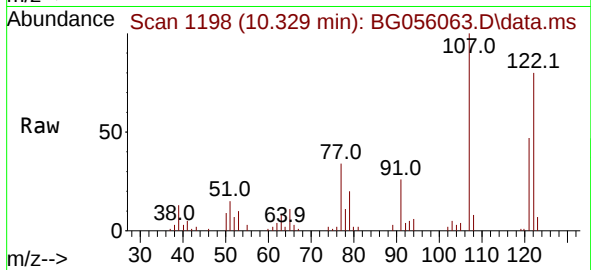
Tgt Ion:122 Resp: 27844

Ion Ratio Lower Upper

122 100

107 124.3 105.9 158.9

121 58.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 51.439 ng

RT: 10.570 min Scan# 1239

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

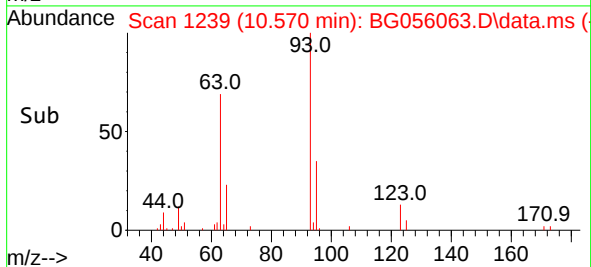
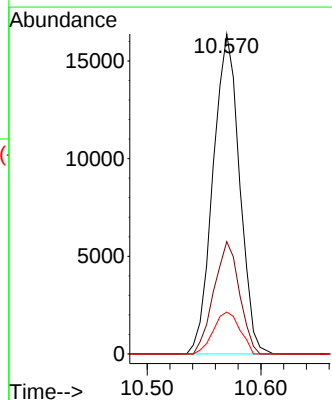
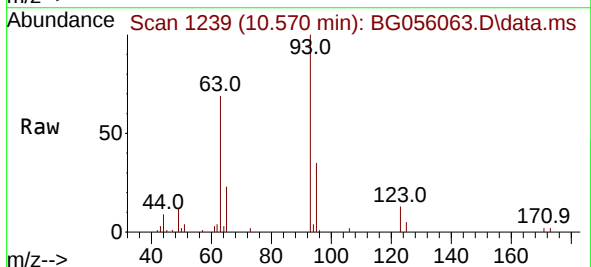
Tgt Ion: 93 Resp: 26500

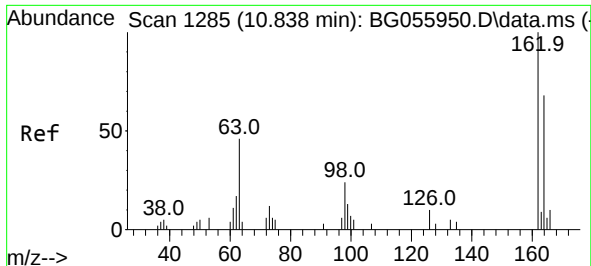
Ion Ratio Lower Upper

93 100

95 35.1 26.3 39.5

123 13.1 12.2 18.2





#29

2,4-Dichlorophenol

Concen: 46.288 ng

RT: 10.823 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

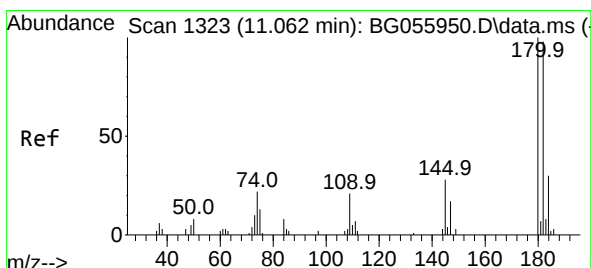
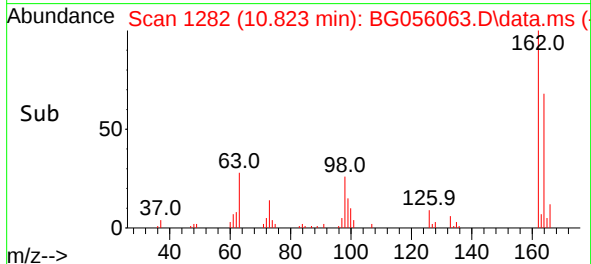
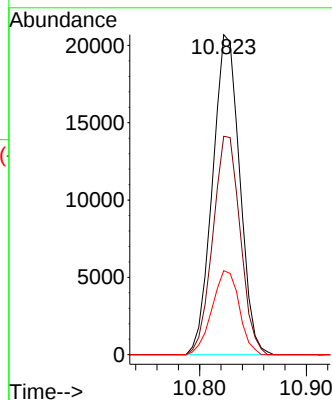
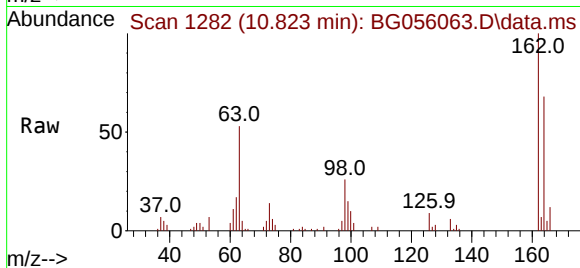
Tgt Ion:162 Resp: 36548

Ion Ratio Lower Upper

162 100

164 68.3 47.5 87.5

98 26.2 4.3 44.3



#30

1,2,4-Trichlorobenzene

Concen: 43.804 ng

RT: 11.046 min Scan# 1320

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

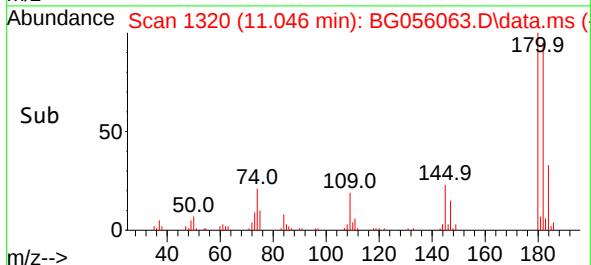
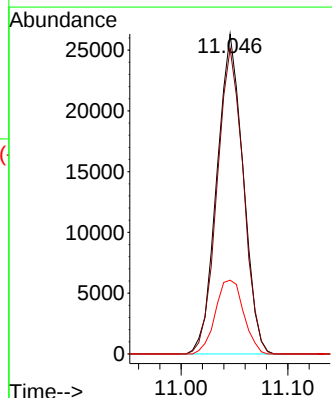
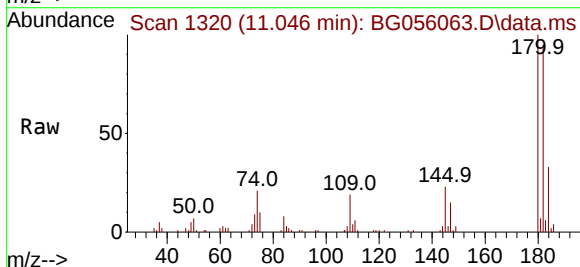
Tgt Ion:180 Resp: 44960

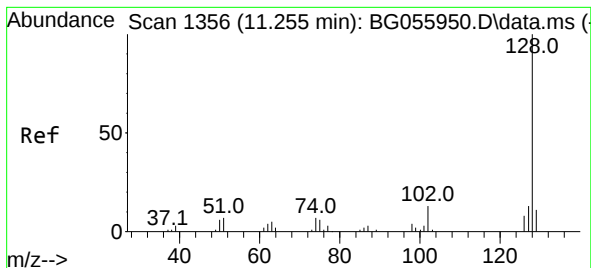
Ion Ratio Lower Upper

180 100

182 95.5 78.1 117.1

145 23.1 22.4 33.6





#31

Naphthalene

Concen: 43.132 ng

RT: 11.240 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

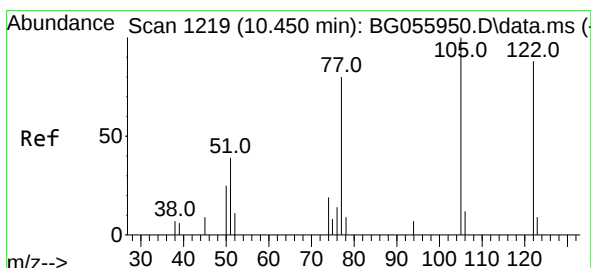
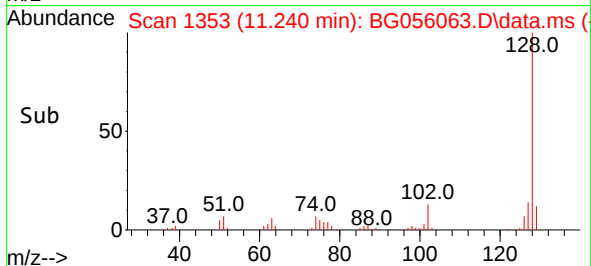
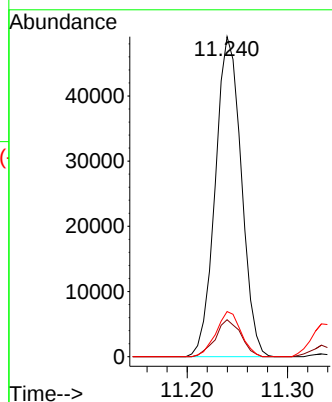
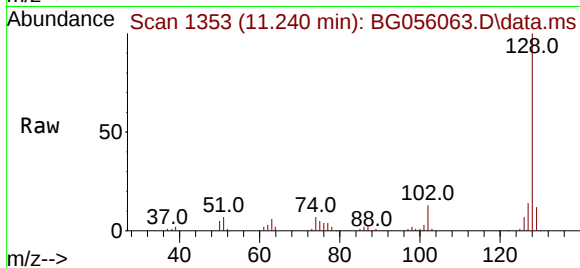
Tgt Ion:128 Resp: 88410

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

127 14.1 10.3 15.5



#32

Benzoic acid

Concen: 46.286 ng

RT: 10.458 min Scan# 1220

Delta R.T. 0.008 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

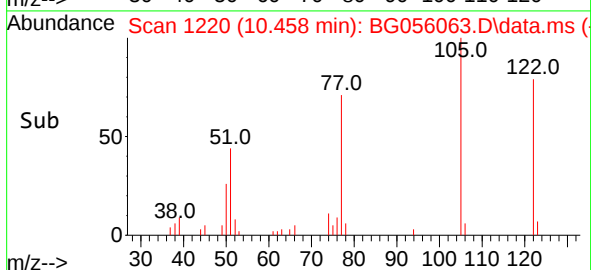
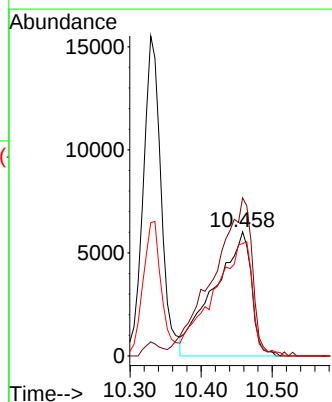
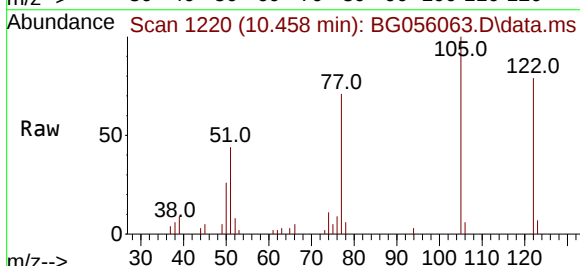
Tgt Ion:122 Resp: 21965

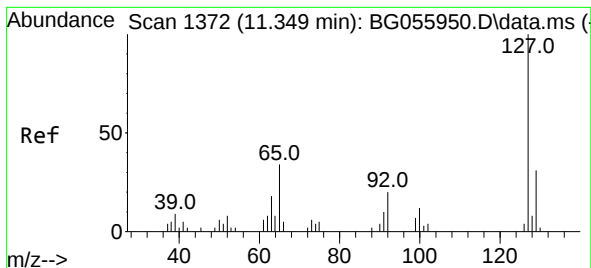
Ion Ratio Lower Upper

122 100

105 127.2 90.6 130.6

77 90.4 61.0 101.0





#33

4-Chloroaniline

Concen: 10.210 ng

RT: 11.334 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

Tgt Ion:127 Resp: 8972

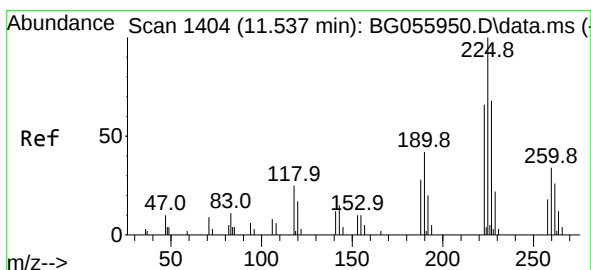
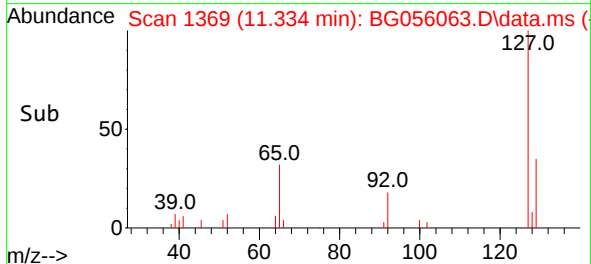
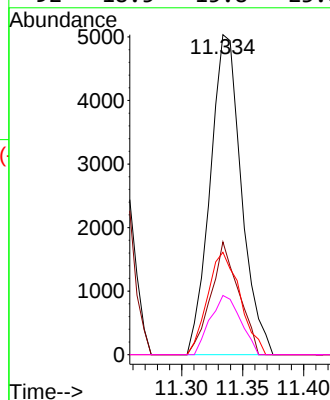
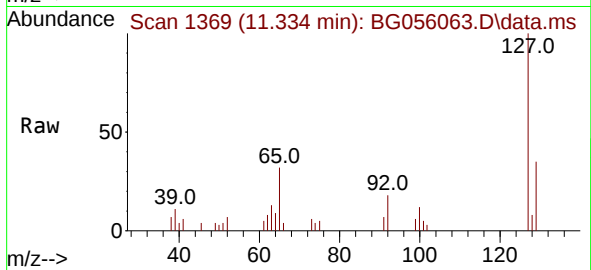
Ion Ratio Lower Upper

127 100

129 35.3 24.5 36.7

65 32.0 27.1 40.7

92 18.5 15.8 23.8



#34

Hexachlorobutadiene

Concen: 40.925 ng

RT: 11.516 min Scan# 1400

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

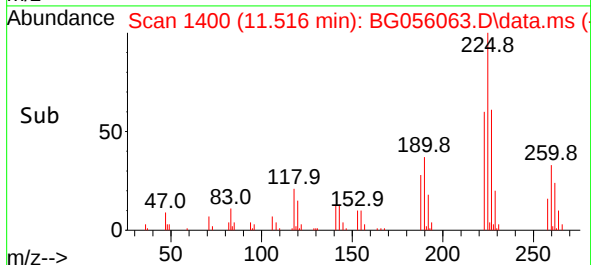
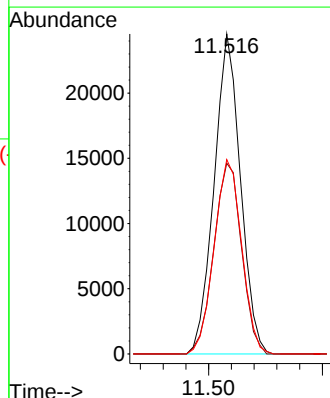
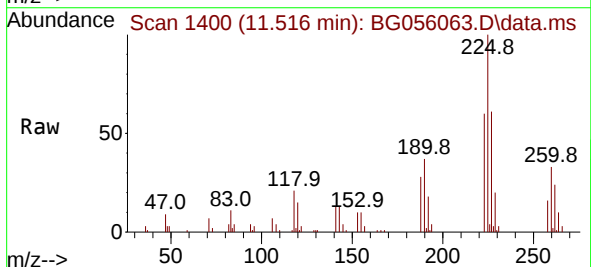
Tgt Ion:225 Resp: 39490

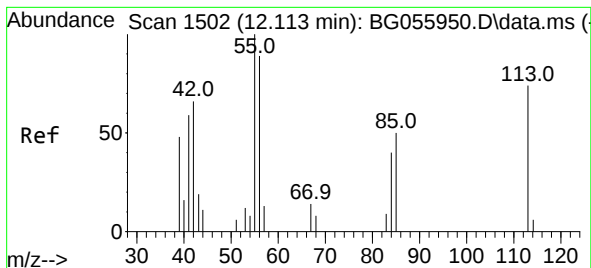
Ion Ratio Lower Upper

225 100

223 59.6 53.2 79.8

227 60.7 54.7 82.1





#35

Caprolactam

Concen: 25.601 ng

RT: 12.103 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

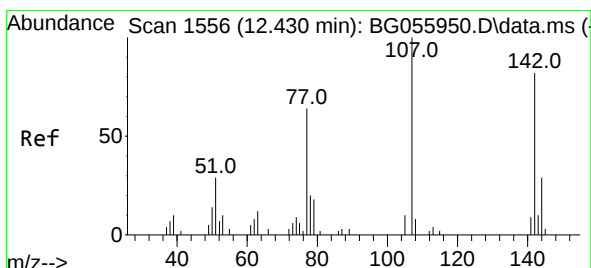
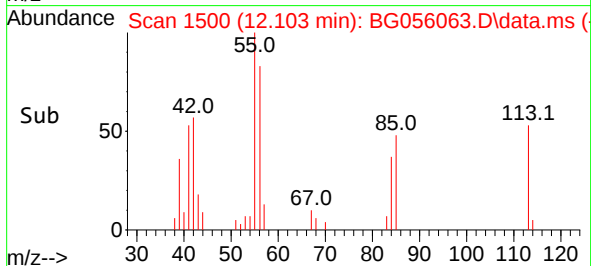
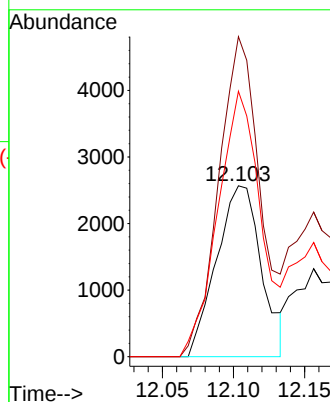
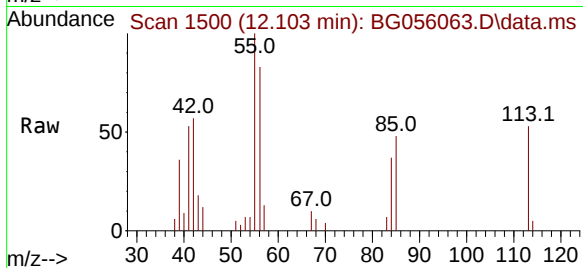
Tgt Ion:113 Resp: 5632

Ion Ratio Lower Upper

113 100

55 187.3 114.8 154.8#

56 155.4 99.8 139.8#



#36

4-Chloro-3-methylphenol

Concen: 44.337 ng

RT: 12.432 min Scan# 1556

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

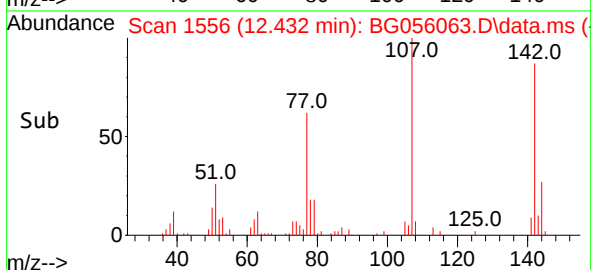
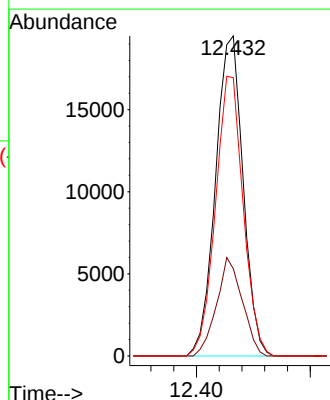
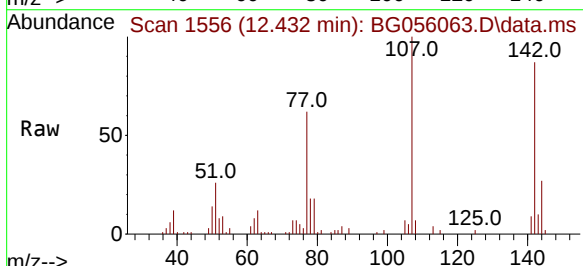
Tgt Ion:107 Resp: 32826

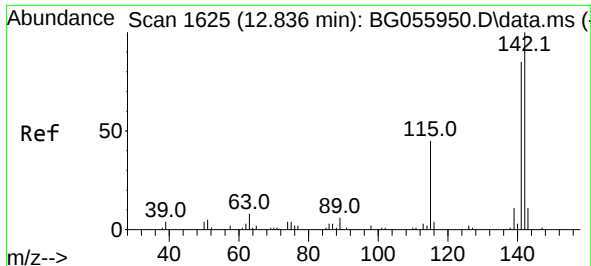
Ion Ratio Lower Upper

107 100

144 27.3 23.3 34.9

142 86.9 65.6 98.4

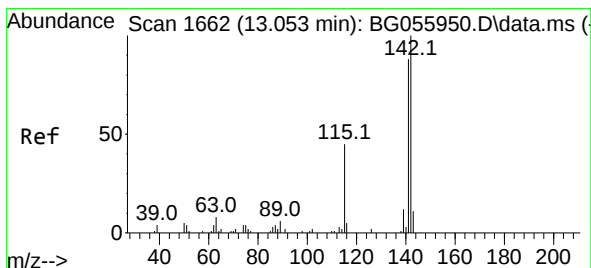
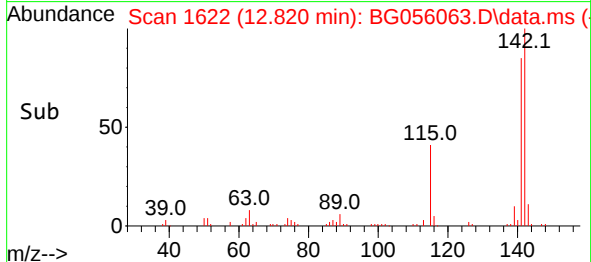
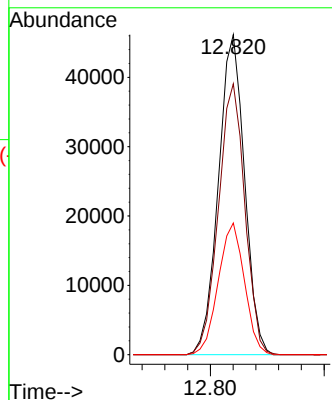
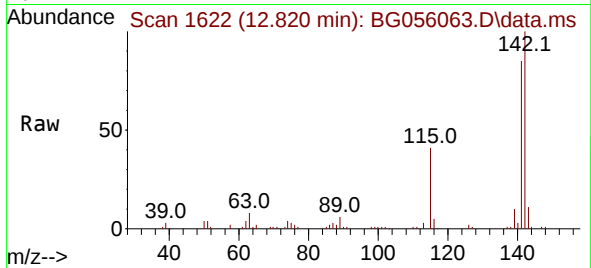




#37
2-Methylnaphthalene
Concen: 40.674 ng
RT: 12.820 min Scan# 1622
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

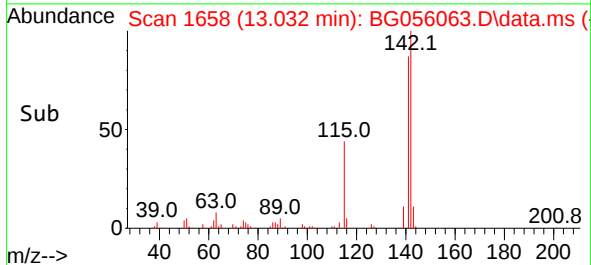
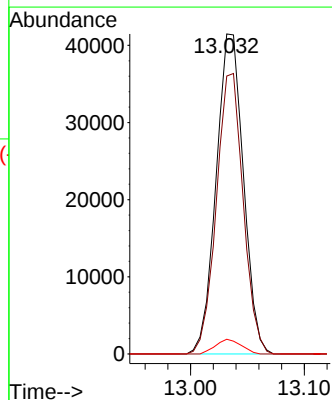
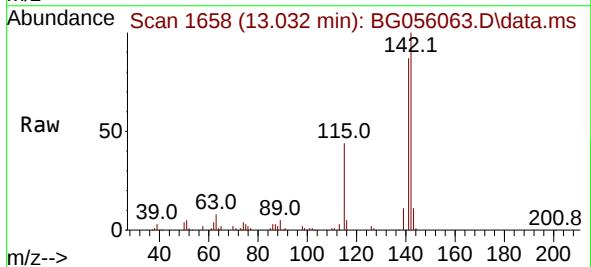
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

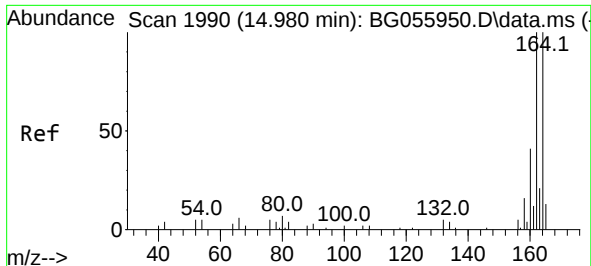
Tgt Ion:142 Resp: 73658
Ion Ratio Lower Upper
142 100
141 84.6 67.8 101.6
115 41.1 35.7 53.5



#38
1-Methylnaphthalene
Concen: 39.181 ng
RT: 13.032 min Scan# 1658
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:142 Resp: 69122
Ion Ratio Lower Upper
142 100
141 86.8 70.2 105.2
116 4.6 3.8 5.8

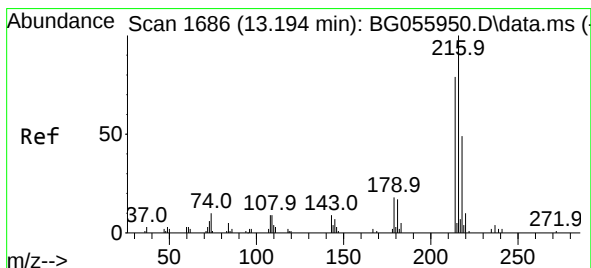
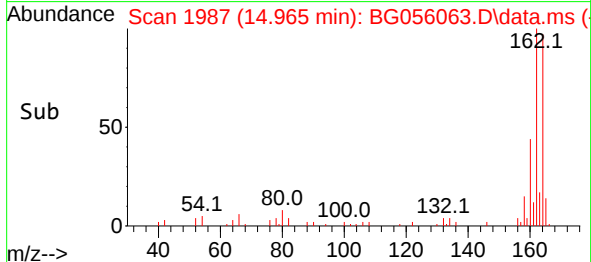
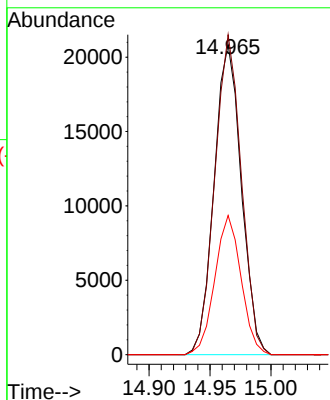
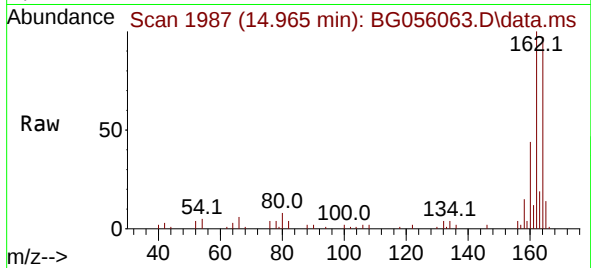




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1990
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

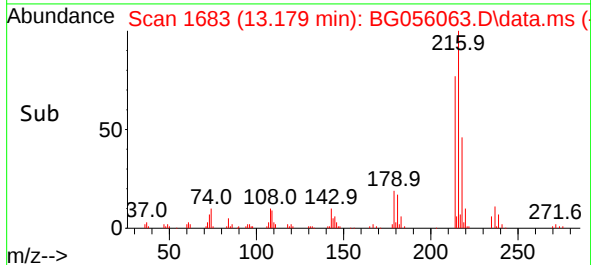
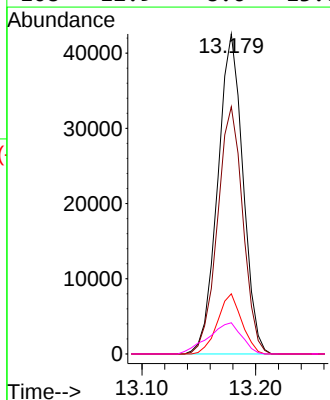
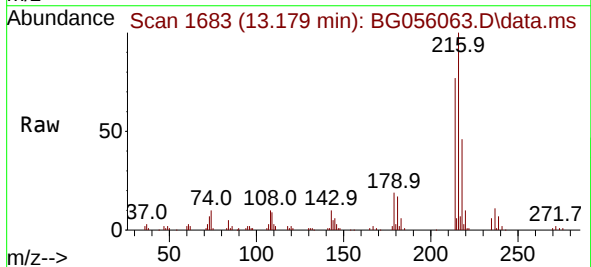
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

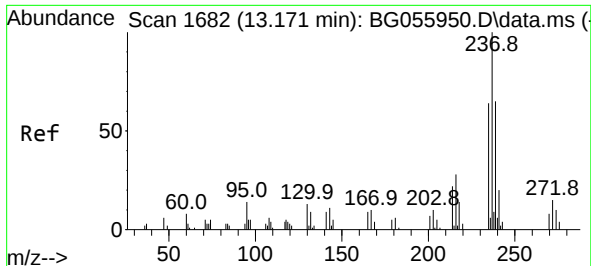
Tgt Ion:164 Resp: 32370
Ion Ratio Lower Upper
164 100
162 103.2 79.8 119.8
160 44.9 33.0 49.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.096 ng
RT: 13.179 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:216 Resp: 65687
Ion Ratio Lower Upper
216 100
214 77.6 61.5 92.3
179 18.0 14.6 21.8
108 12.9 8.6 13.0

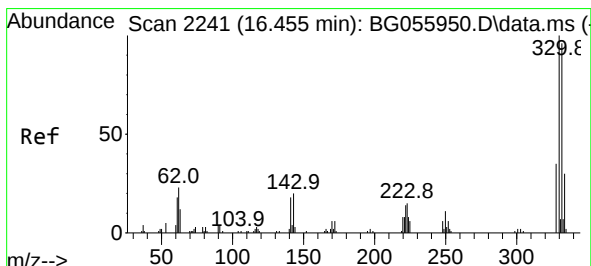
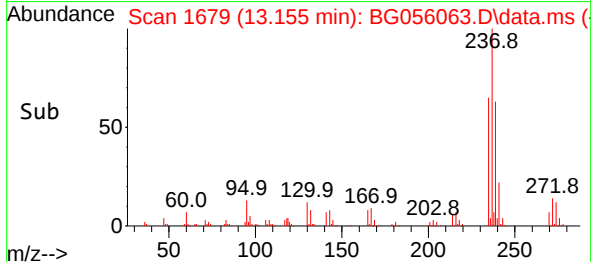
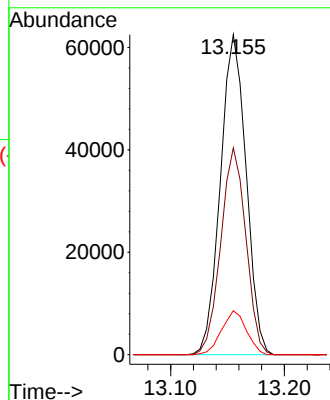
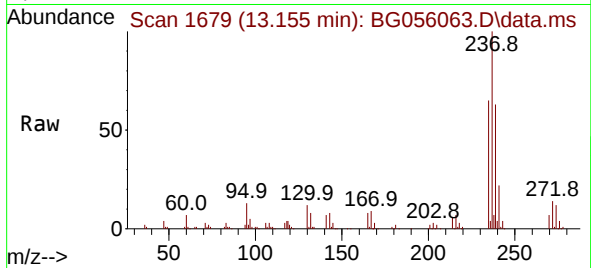




#41
Hexachlorocyclopentadiene
Concen: 126.656 ng
RT: 13.155 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

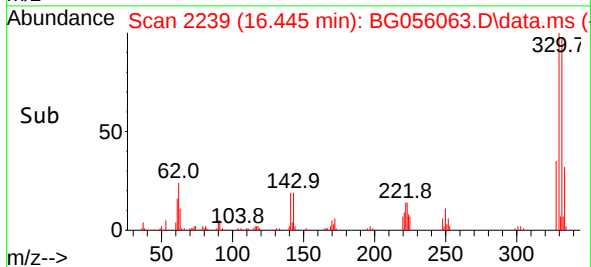
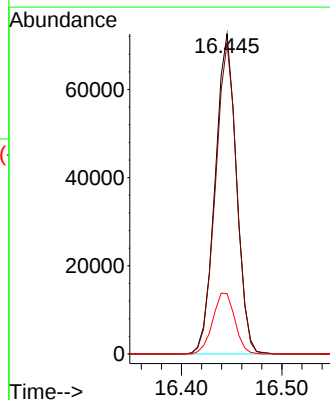
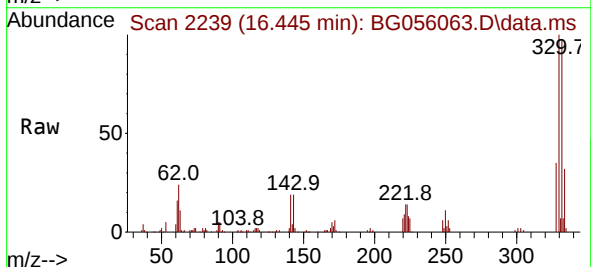
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

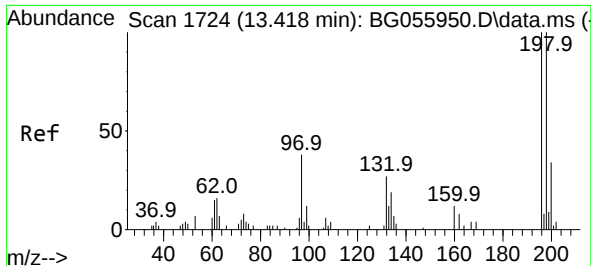
Tgt Ion:237 Resp: 98133
Ion Ratio Lower Upper
237 100
235 64.6 43.7 83.7
272 13.8 0.0 35.1



#42
2,4,6-Tribromophenol
Concen: 136.441 ng
RT: 16.445 min Scan# 2239
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:330 Resp: 106497
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 19.9 15.0 22.4

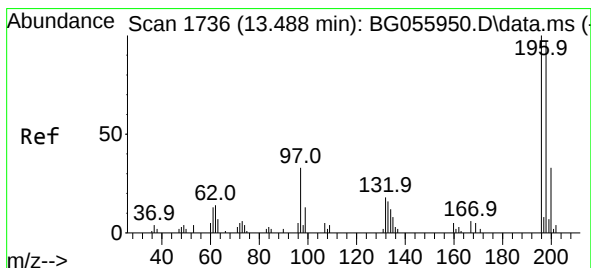
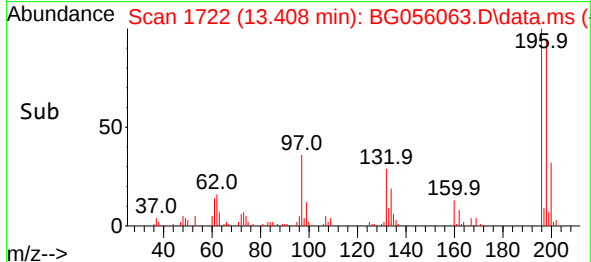
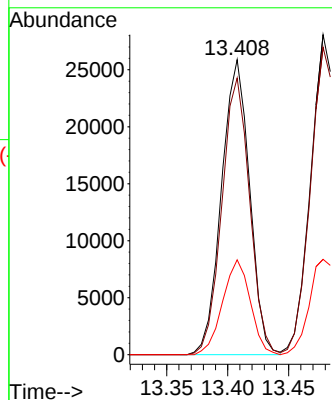
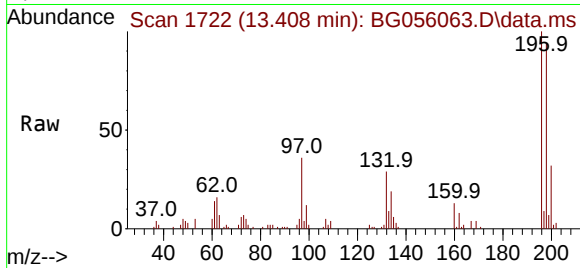




#43
2,4,6-Trichlorophenol
Concen: 51.330 ng
RT: 13.408 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

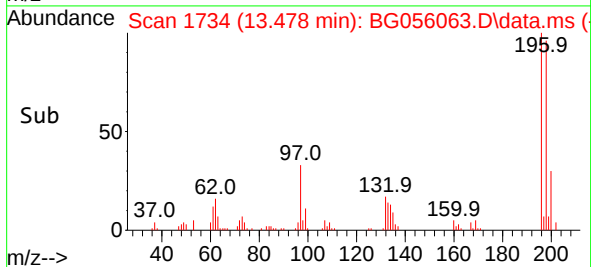
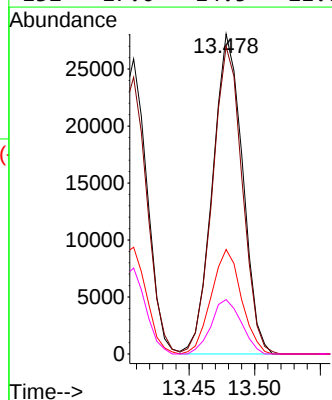
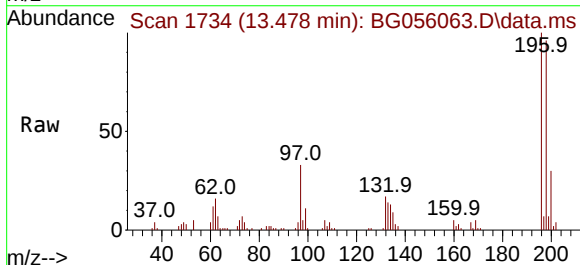
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

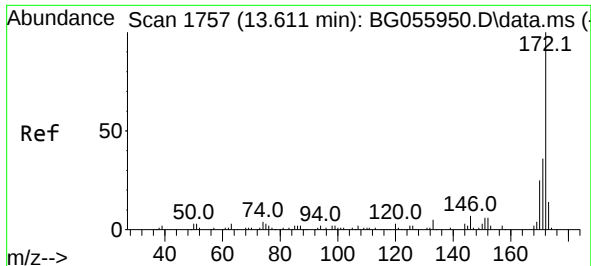
Tgt Ion:196 Resp: 41498
Ion Ratio Lower Upper
196 100
198 93.8 80.2 120.4
200 32.2 27.6 41.4



#44
2,4,5-Trichlorophenol
Concen: 48.848 ng
RT: 13.478 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:196 Resp: 44517
Ion Ratio Lower Upper
196 100
198 96.0 78.0 117.0
97 32.7 26.0 39.0
132 17.0 14.5 21.7

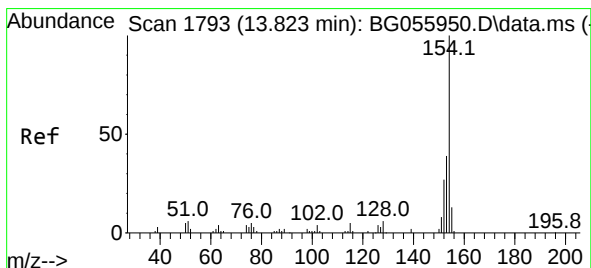
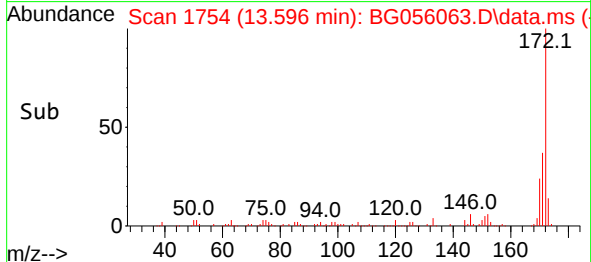
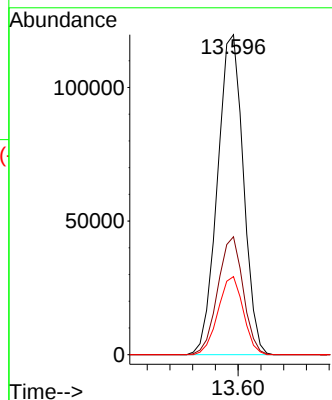
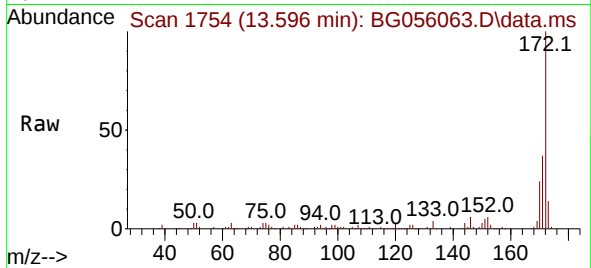




#45
2-Fluorobiphenyl
Concen: 82.078 ng
RT: 13.596 min Scan# 1754
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

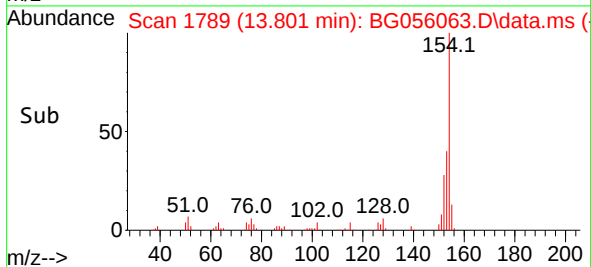
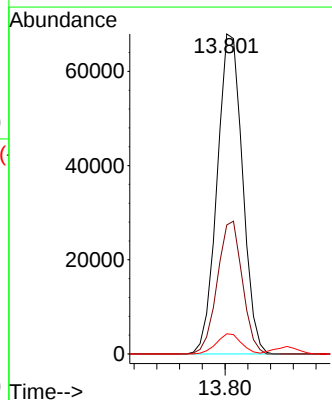
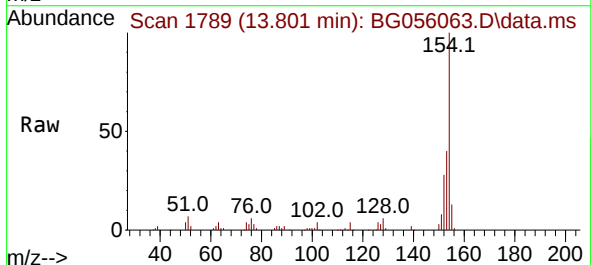
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

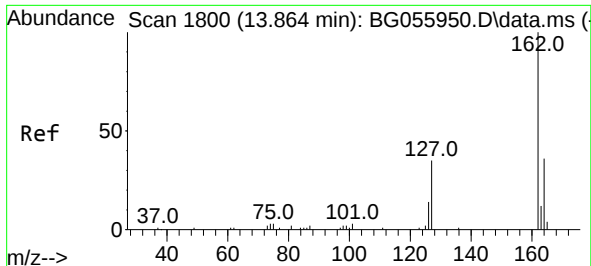
Tgt Ion:172 Resp: 189441
Ion Ratio Lower Upper
172 100
171 36.8 28.6 42.8
170 24.4 19.9 29.9



#46
1,1'-Biphenyl
Concen: 48.011 ng
RT: 13.801 min Scan# 1789
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:154 Resp: 105342
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 6.3 0.0 25.5





#47

2-Chloronaphthalene

Concen: 46.428 ng

RT: 13.854 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

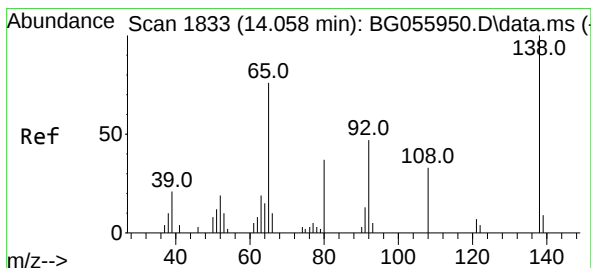
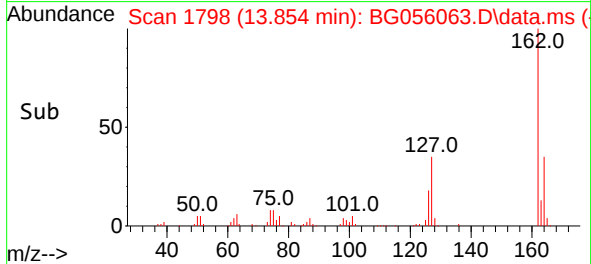
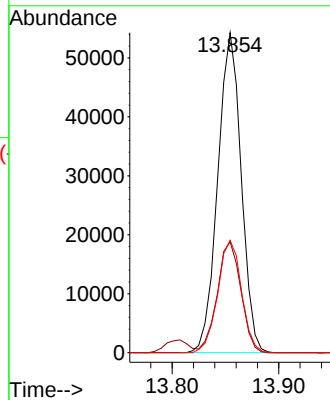
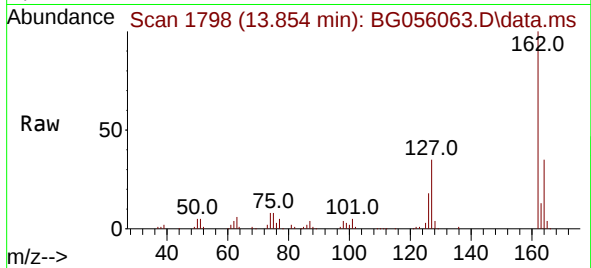
Tgt Ion:162 Resp: 82773

Ion Ratio Lower Upper

162 100

127 34.7 31.0 46.4

164 35.1 28.6 42.8



#48

2-Nitroaniline

Concen: 59.591 ng

RT: 14.042 min Scan# 1830

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

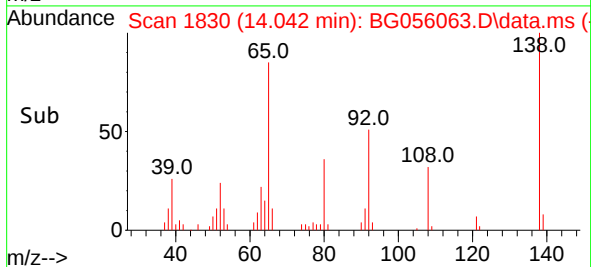
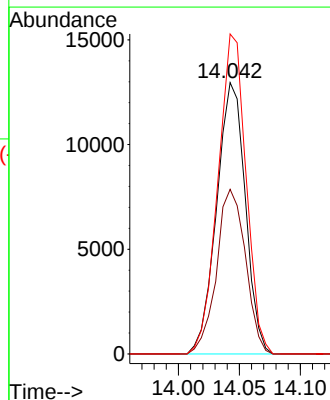
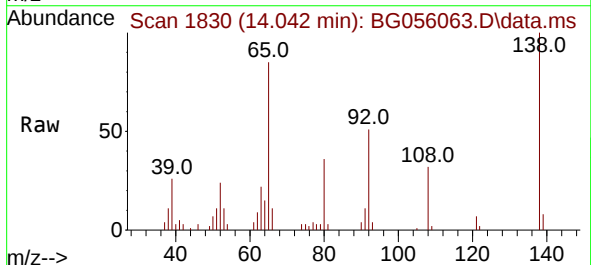
Tgt Ion: 65 Resp: 21197

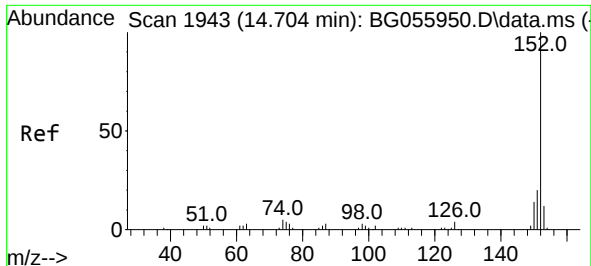
Ion Ratio Lower Upper

65 100

92 60.7 49.7 74.5

138 117.9 105.0 157.6

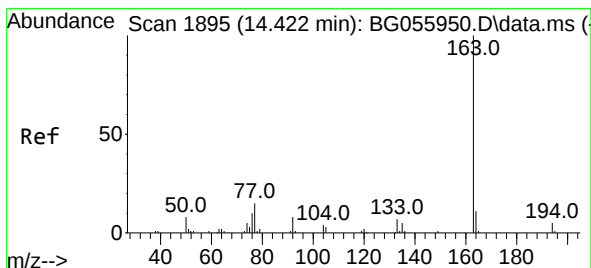
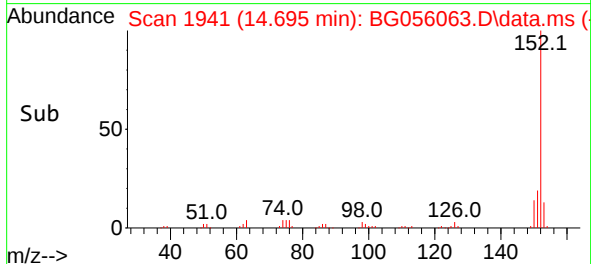
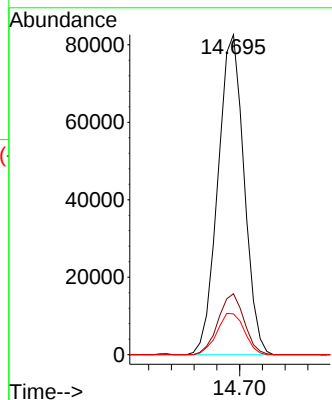
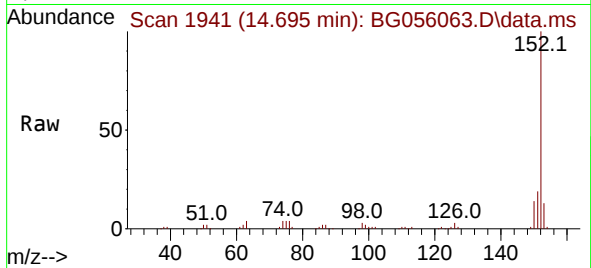




#49
Acenaphthylene
Concen: 46.310 ng
RT: 14.695 min Scan# 1941
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

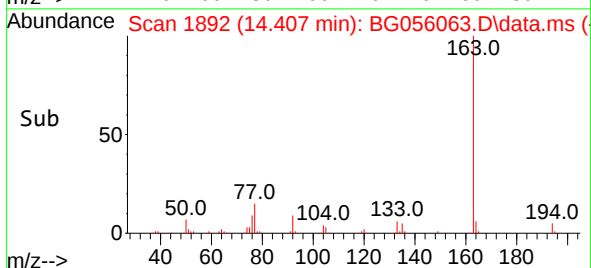
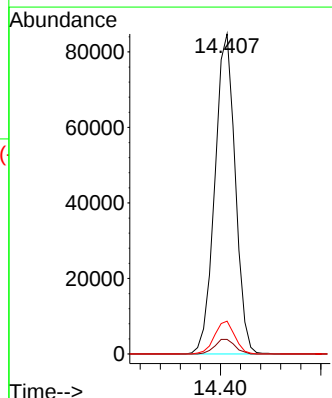
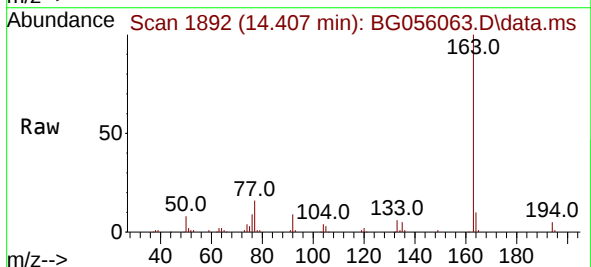
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

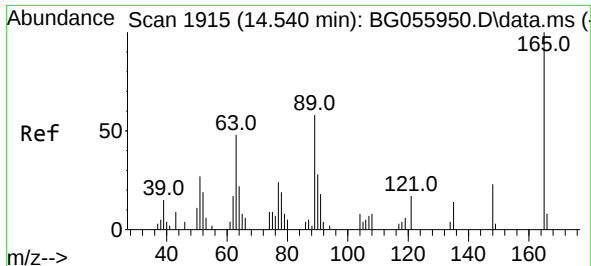
Tgt Ion:152 Resp: 131783
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.8
153 12.8 10.0 15.0



#50
Dimethylphthalate
Concen: 42.676 ng
RT: 14.407 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:163 Resp: 119432
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.3 8.6 13.0

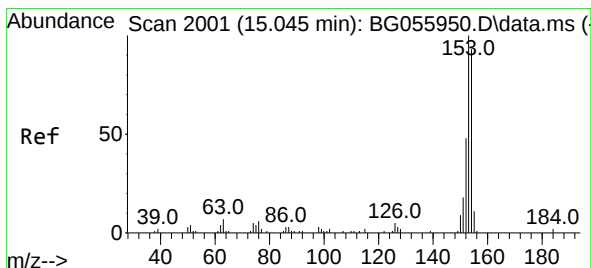
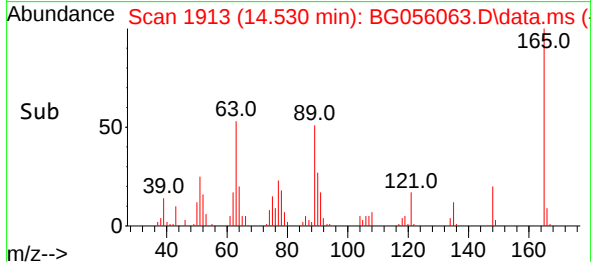
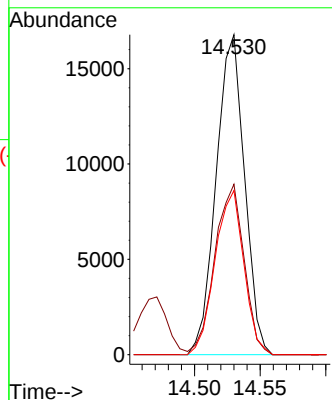
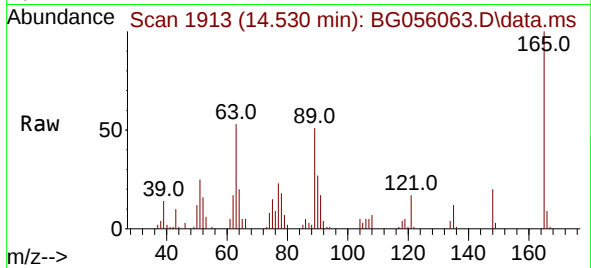




#51
2,6-Dinitrotoluene
Concen: 58.239 ng
RT: 14.530 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

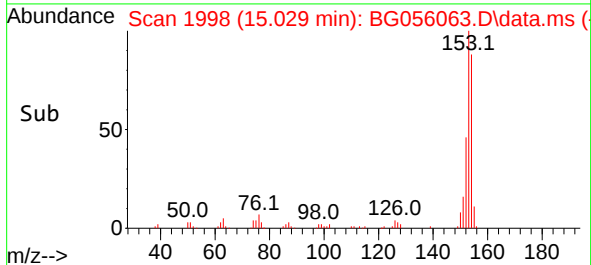
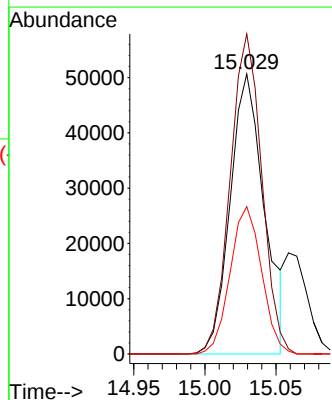
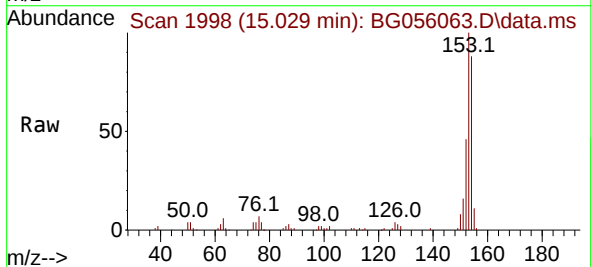
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

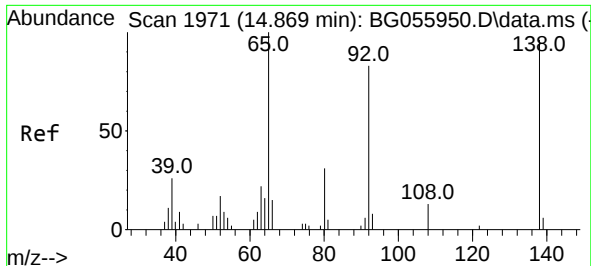
Tgt Ion:165 Resp: 25222
Ion Ratio Lower Upper
165 100
63 53.2 38.3 57.5
89 51.3 46.3 69.5



#52
Acenaphthene
Concen: 44.373 ng
RT: 15.029 min Scan# 1998
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:154 Resp: 84771
Ion Ratio Lower Upper
154 100
153 114.3 86.2 129.2
152 52.6 41.4 62.0

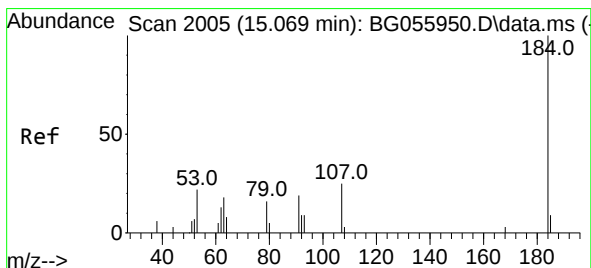
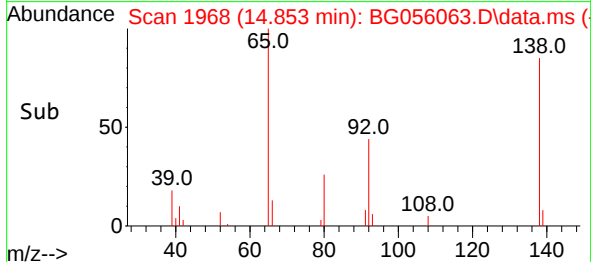
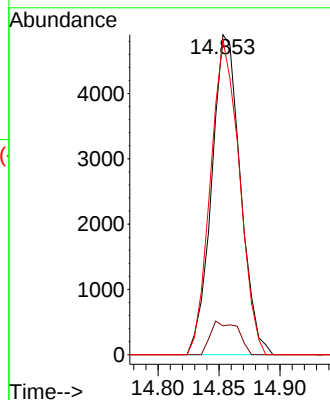
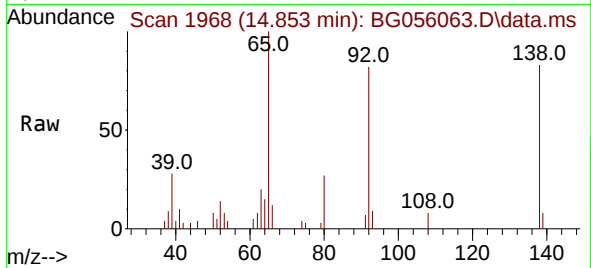




#53
3-Nitroaniline
Concen: 18.236 ng
RT: 14.853 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

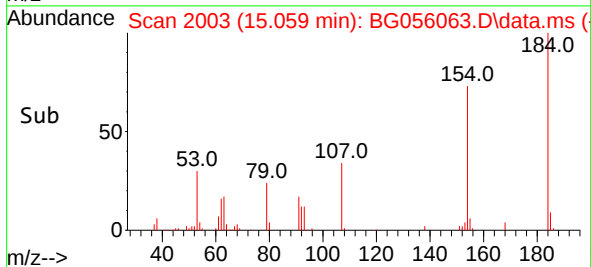
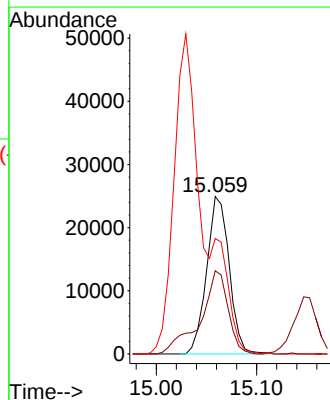
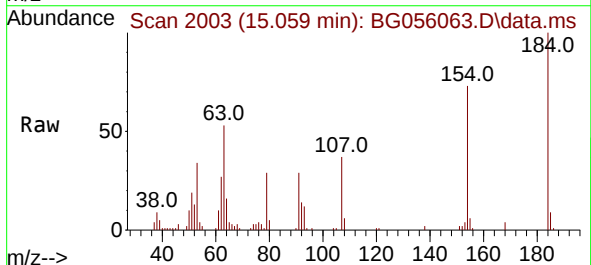
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

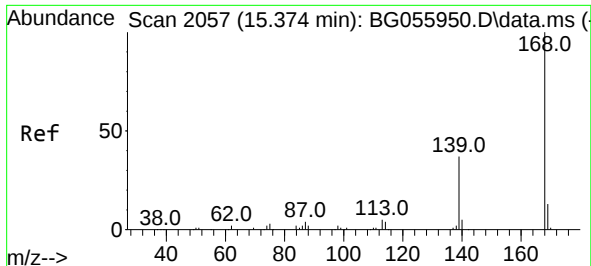
Tgt Ion:138 Resp: 8033
Ion Ratio Lower Upper
138 100
108 9.0 10.9 16.3#
92 98.5 69.4 104.0



#54
2,4-Dinitrophenol
Concen: 120.998 ng
RT: 15.059 min Scan# 2003
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:184 Resp: 38956
Ion Ratio Lower Upper
184 100
63 52.9 23.0 34.4#
154 73.4 67.0 100.4

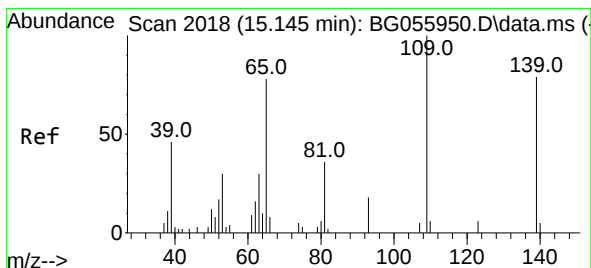
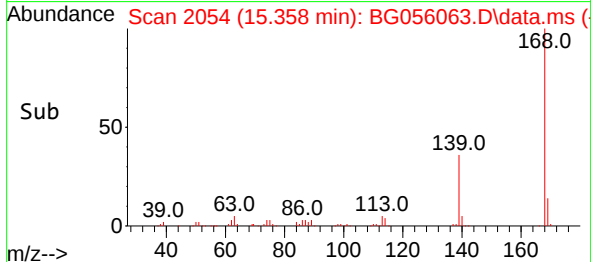
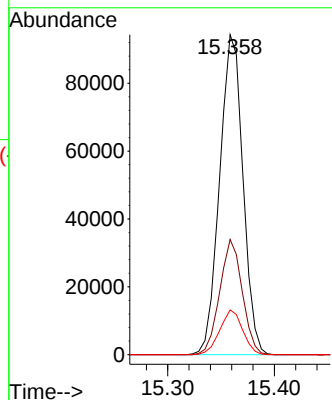
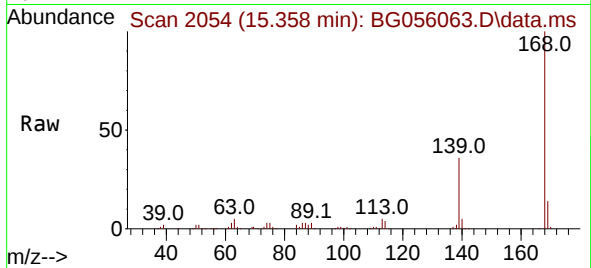




#55
Dibenzofuran
Concen: 44.529 ng
RT: 15.358 min Scan# 2054
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

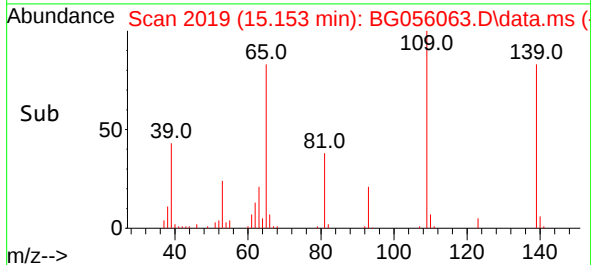
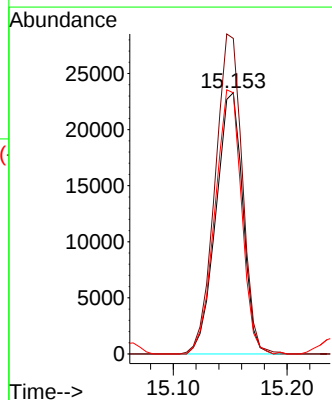
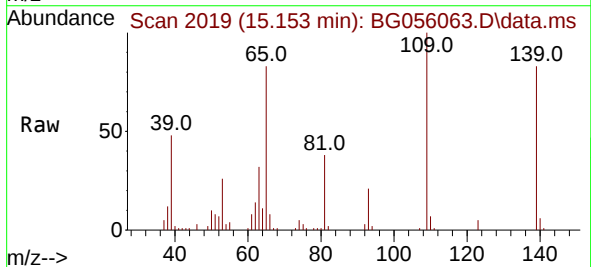
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

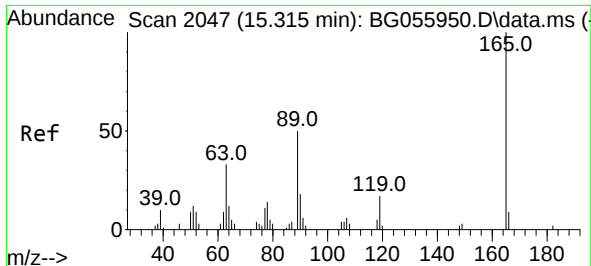
Tgt Ion:168 Resp: 143053
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.8
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 107.907 ng
RT: 15.153 min Scan# 2019
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:139 Resp: 38091
Ion Ratio Lower Upper
139 100
109 120.7 106.7 146.7
65 99.9 79.2 119.2

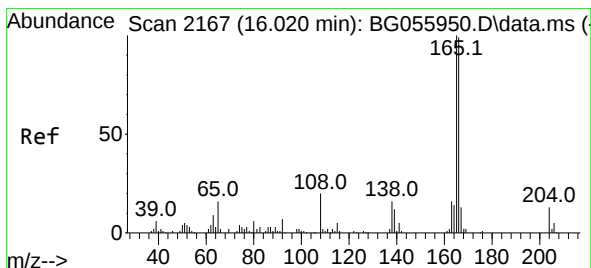
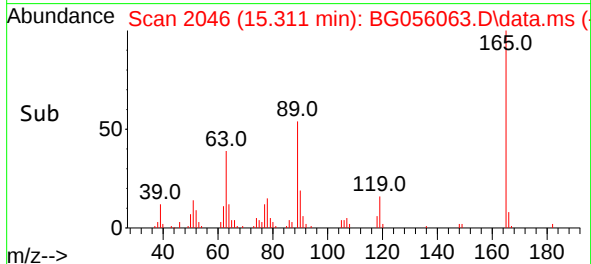
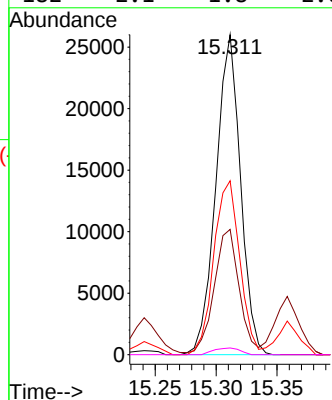
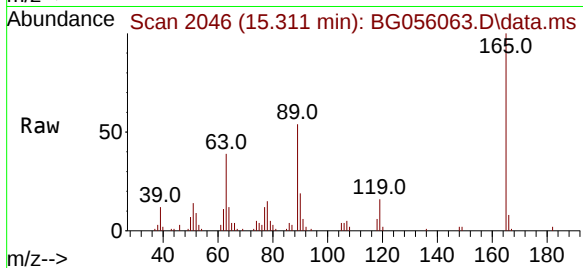




#57
2,4-Dinitrotoluene
Concen: 55.959 ng
RT: 15.311 min Scan# 2047
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

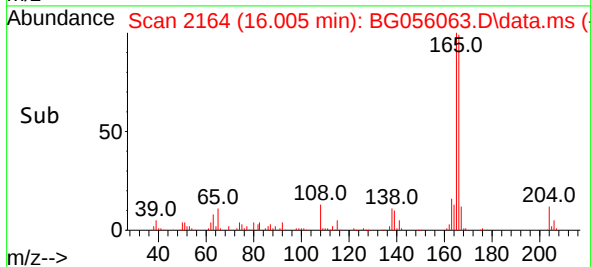
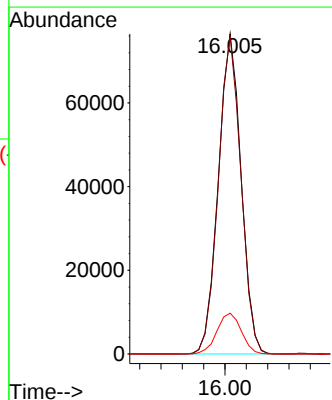
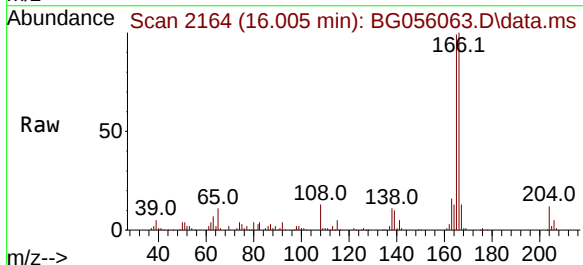
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

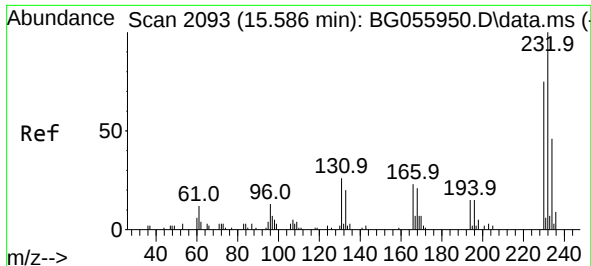
Tgt Ion:165 Resp: 36581
Ion Ratio Lower Upper
165 100
63 39.2 26.6 39.8
89 54.4 40.1 60.1
182 2.1 1.8 2.6



#58
Fluorene
Concen: 43.090 ng
RT: 16.005 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:166 Resp: 113161
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 12.7 10.5 15.7

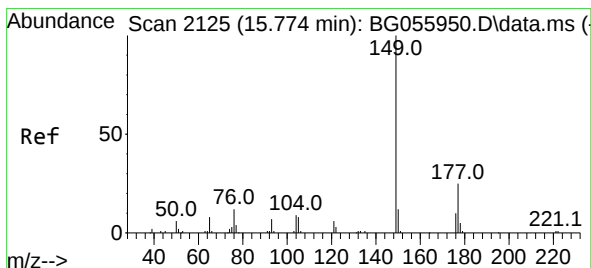
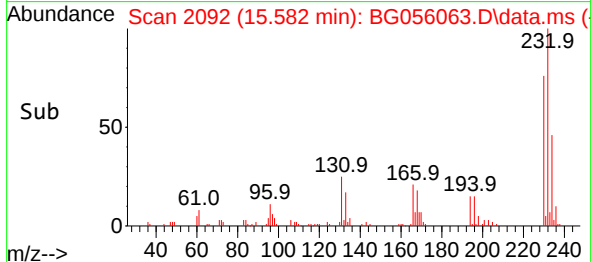
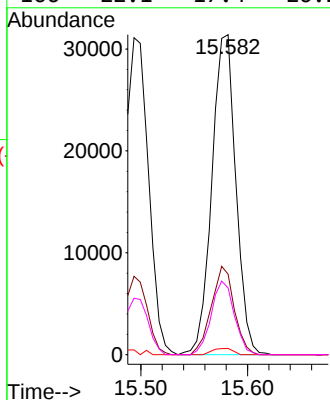
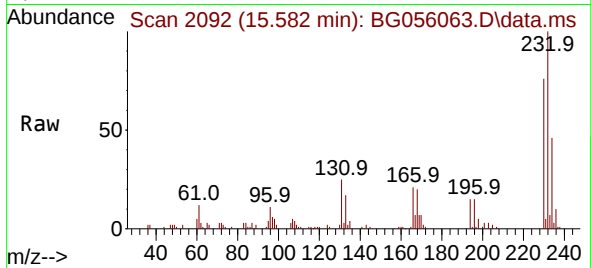




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.061 ng
RT: 15.582 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

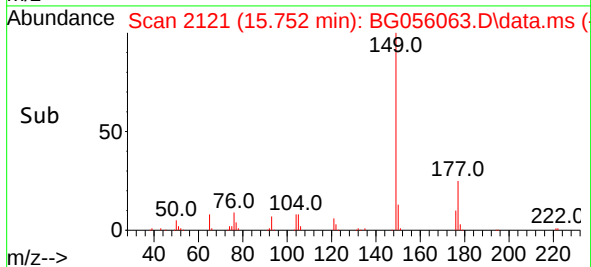
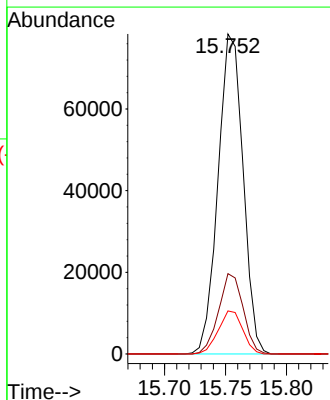
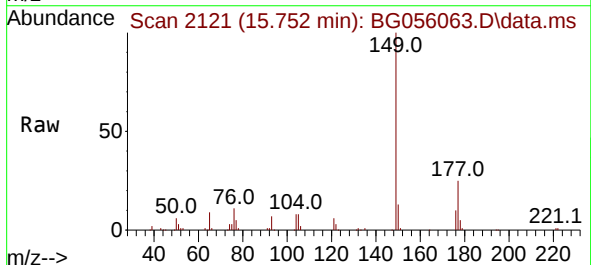
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

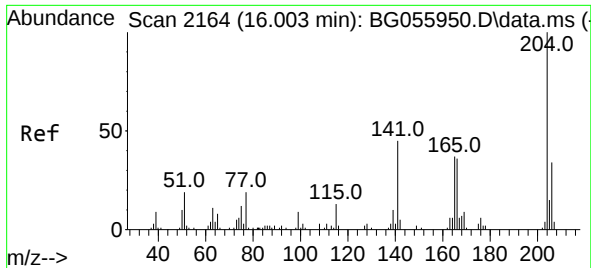
Tgt Ion:232	Resp:	48997
Ion Ratio	Lower	Upper
232	100	
131	26.4	20.7 31.1
130	1.7	1.2 1.8
166	22.1	17.4 26.2



#60
Diethylphthalate
Concen: 40.901 ng
RT: 15.752 min Scan# 2121
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:149	Resp:	111878
Ion Ratio	Lower	Upper
149	100	
177	25.1	19.7 29.5
150	13.4	9.5 14.3

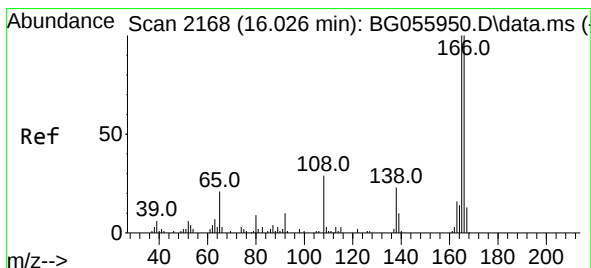
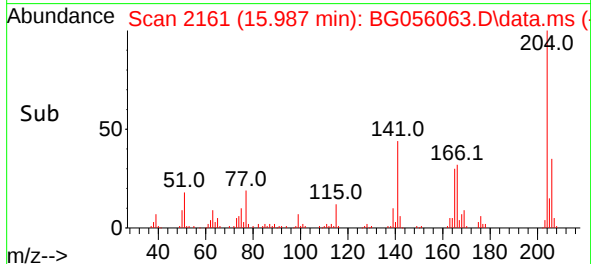
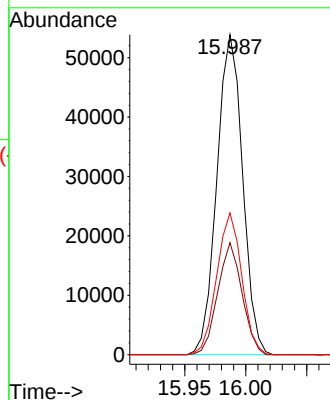
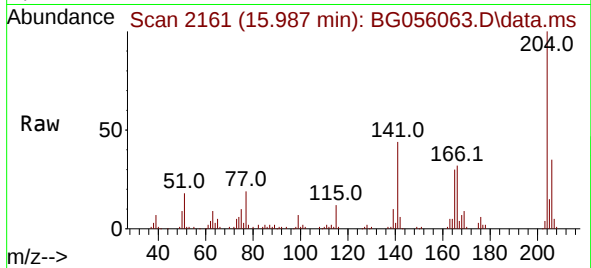




#61
4-Chlorophenyl-phenylether
Concen: 44.202 ng
RT: 15.987 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

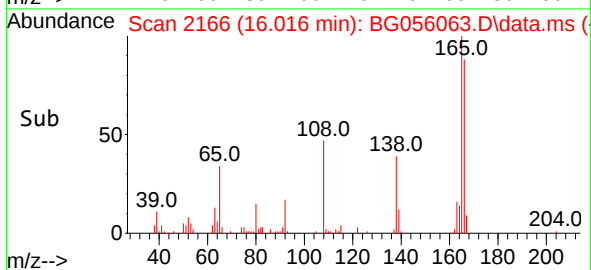
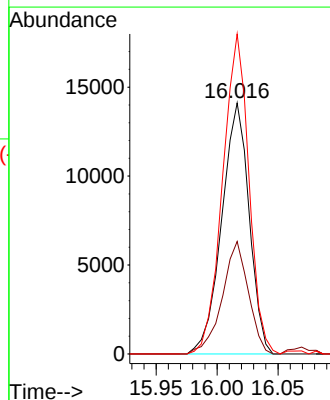
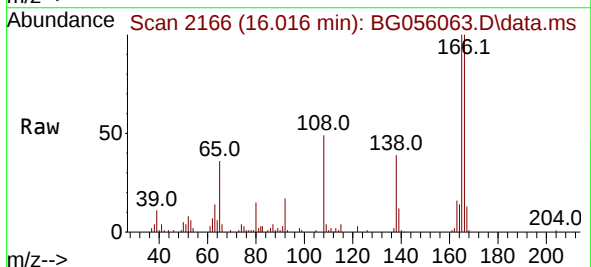
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

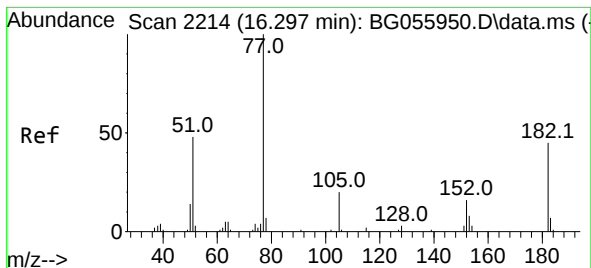
Tgt Ion:204 Resp: 79078
Ion Ratio Lower Upper
204 100
206 35.0 27.0 40.4
141 44.3 36.3 54.5



#62
4-Nitroaniline
Concen: 45.962 ng
RT: 16.016 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:138 Resp: 22049
Ion Ratio Lower Upper
138 100
92 44.8 24.4 64.4
108 127.5 110.1 150.1





#63

Azobenzene

Concen: 43.725 ng

RT: 16.281 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

Tgt Ion: 77 Resp: 72797

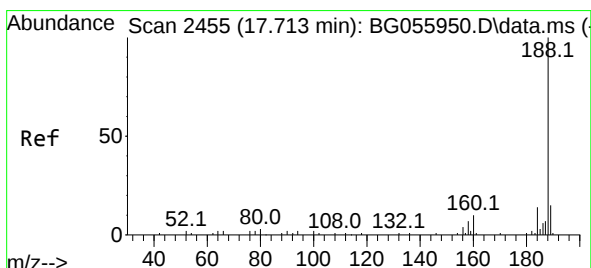
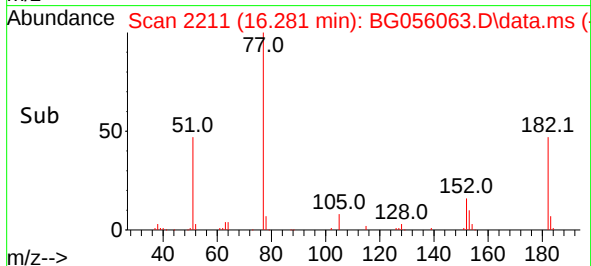
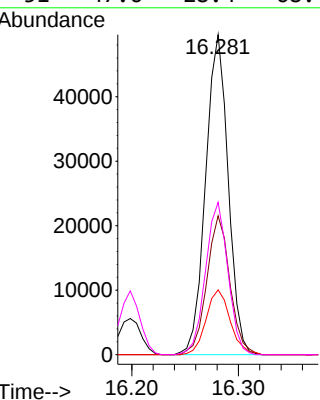
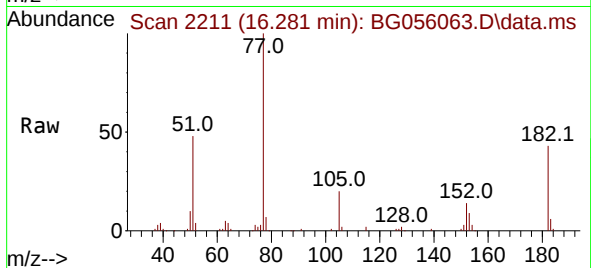
Ion Ratio Lower Upper

77 100

182 43.4 24.7 64.7

105 20.3 0.3 40.3

51 47.6 28.4 68.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.703 min Scan# 2453

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

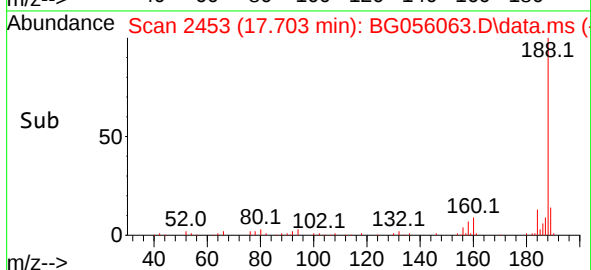
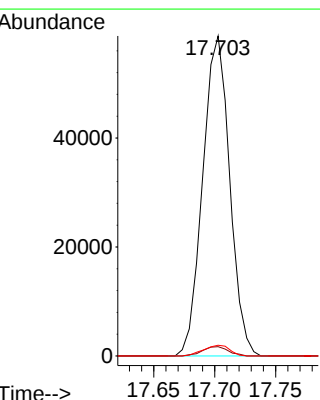
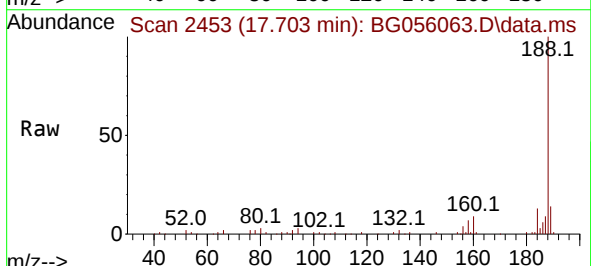
Tgt Ion:188 Resp: 90397

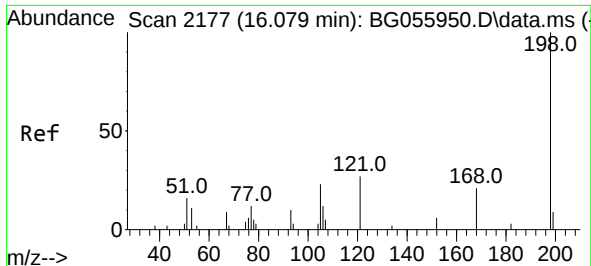
Ion Ratio Lower Upper

188 100

94 2.9 1.8 2.8#

80 3.4 2.4 3.6

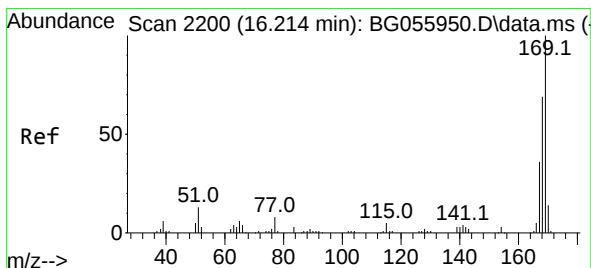
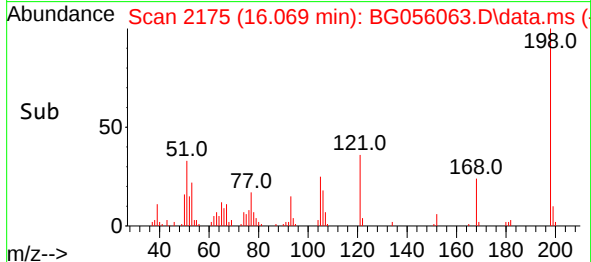
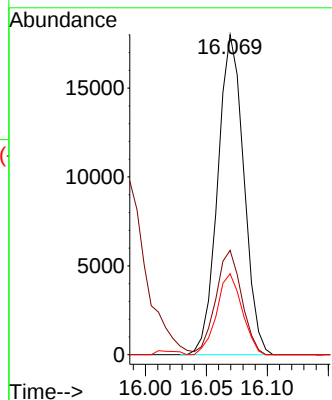
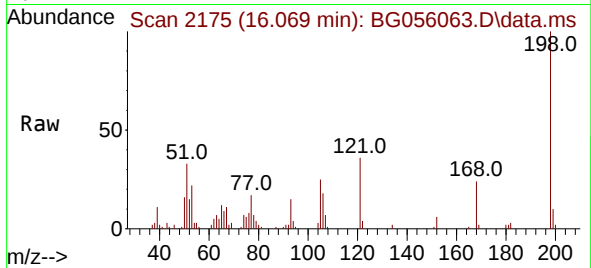




#65
4,6-Dinitro-2-methylphenol
Concen: 62.075 ng
RT: 16.069 min Scan# 2175
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

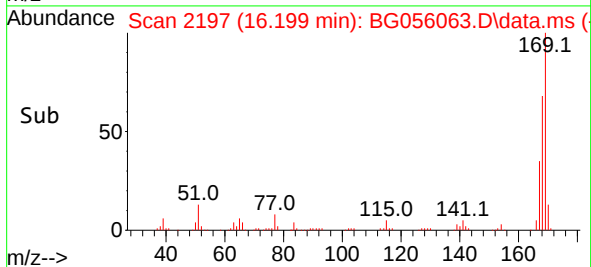
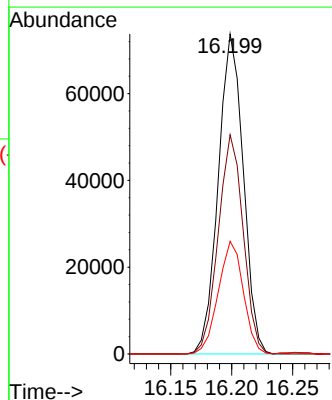
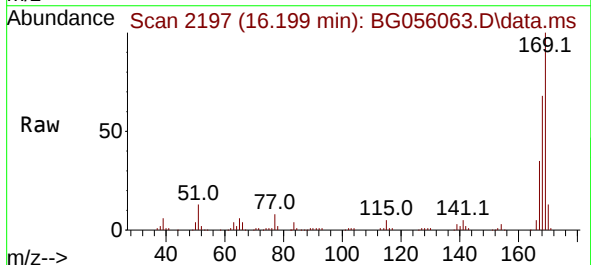
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

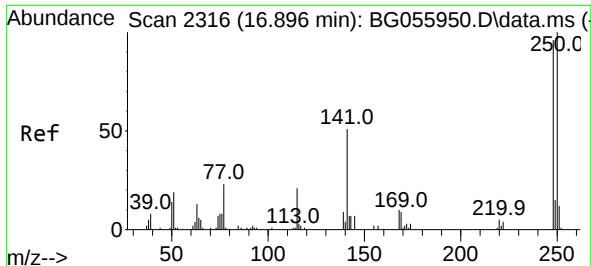
Tgt Ion:198 Resp: 26806
Ion Ratio Lower Upper
198 100
51 32.6 3.0 43.0
105 25.3 3.3 43.3



#66
n-Nitrosodiphenylamine
Concen: 44.456 ng
RT: 16.199 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:169 Resp: 105312
Ion Ratio Lower Upper
169 100
168 68.5 55.3 82.9
167 35.2 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 43.907 ng

RT: 16.880 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

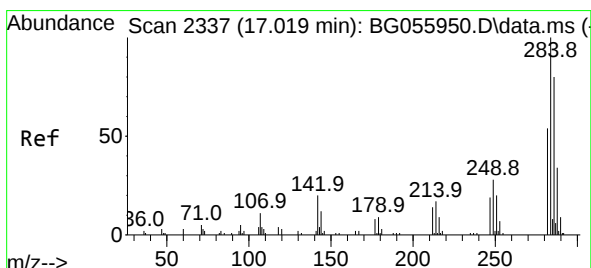
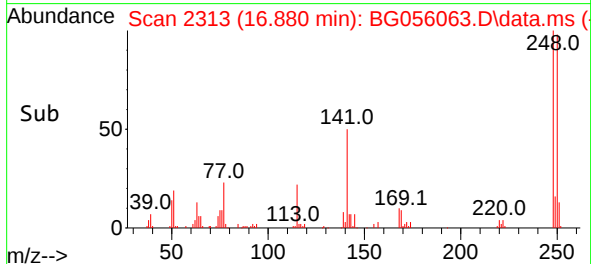
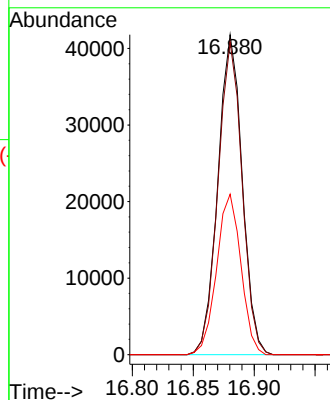
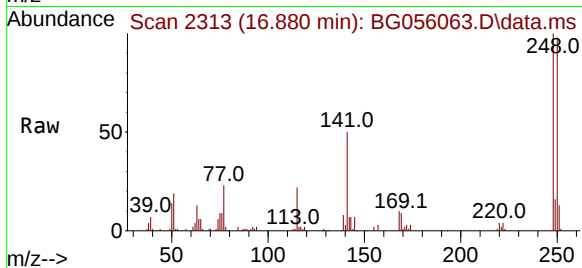
Tgt Ion:248 Resp: 58159

Ion Ratio Lower Upper

248 100

250 97.8 83.0 124.6

141 50.1 42.6 64.0



#68

Hexachlorobenzene

Concen: 43.406 ng

RT: 17.004 min Scan# 2334

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

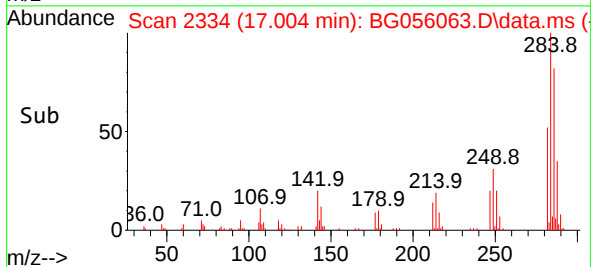
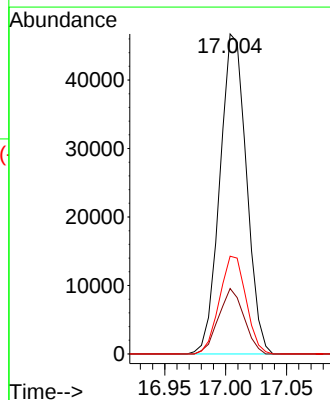
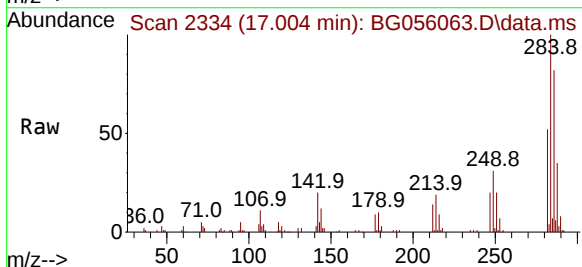
Tgt Ion:284 Resp: 70819

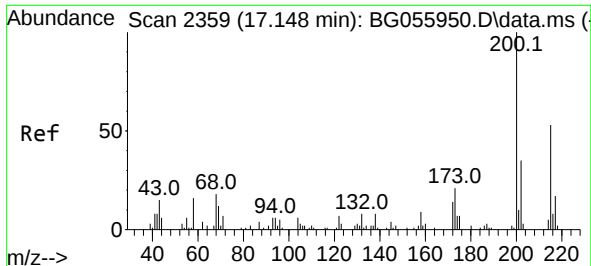
Ion Ratio Lower Upper

284 100

142 20.4 16.2 24.2

249 30.5 22.8 34.2

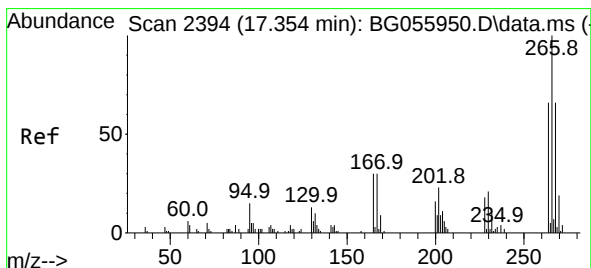
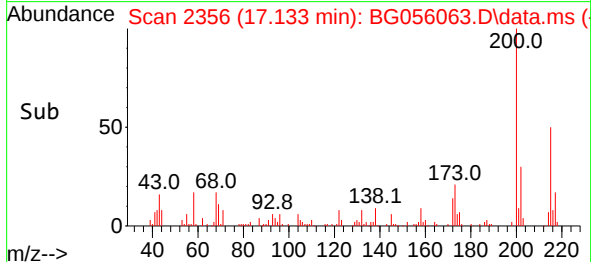
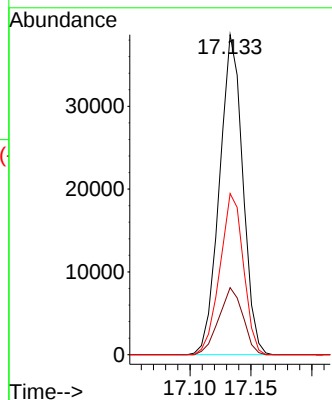
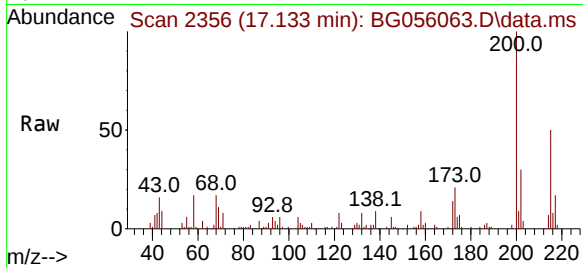




#69
 Atrazine
 Concen: 47.936 ng
 RT: 17.133 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

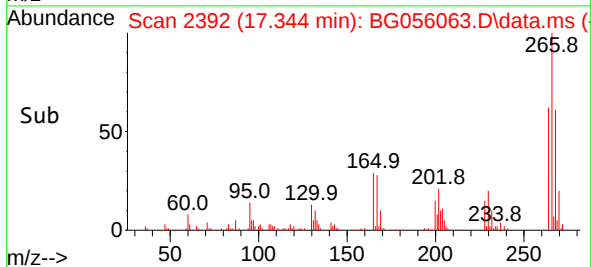
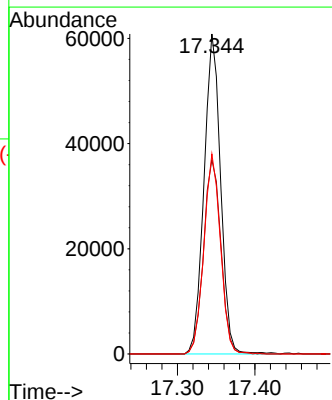
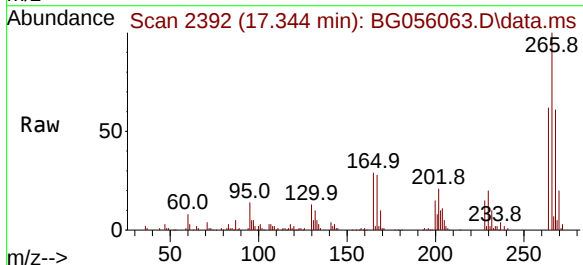
Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS

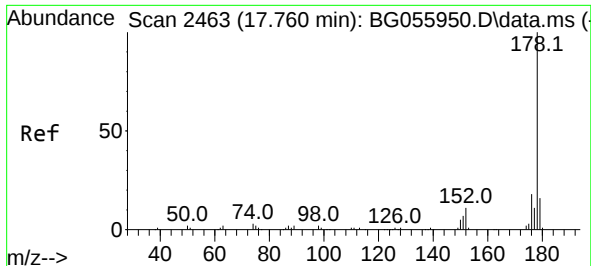
Tgt Ion:200 Resp: 51417
 Ion Ratio Lower Upper
 200 100
 173 20.9 1.4 41.4
 215 50.4 33.3 73.3



#70
 Pentachlorophenol
 Concen: 96.853 ng
 RT: 17.344 min Scan# 2392
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

Tgt Ion:266 Resp: 90340
 Ion Ratio Lower Upper
 266 100
 268 65.3 55.5 83.3
 264 62.5 52.6 78.8

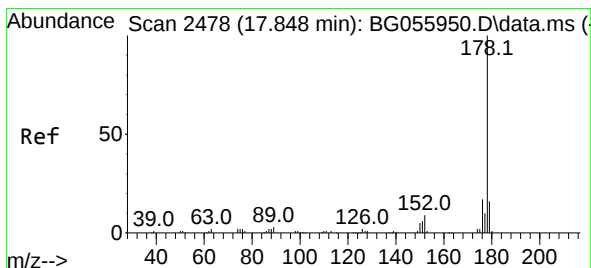
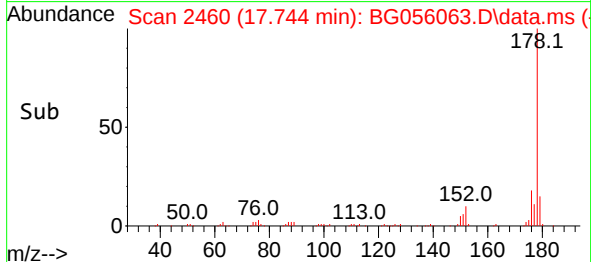
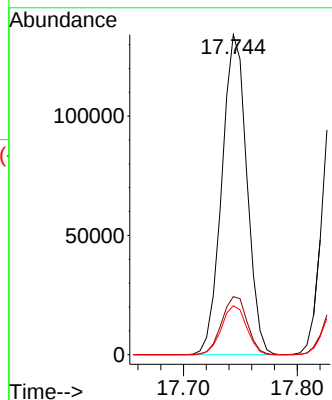
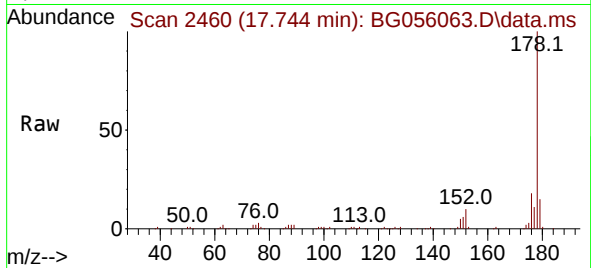




#71
Phenanthrene
Concen: 43.316 ng
RT: 17.744 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

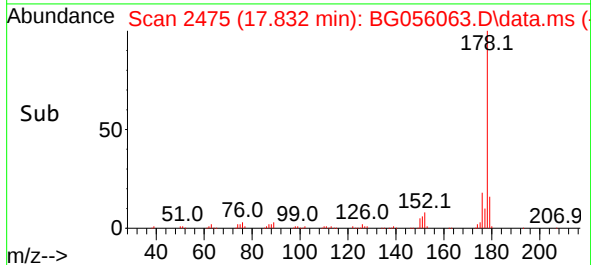
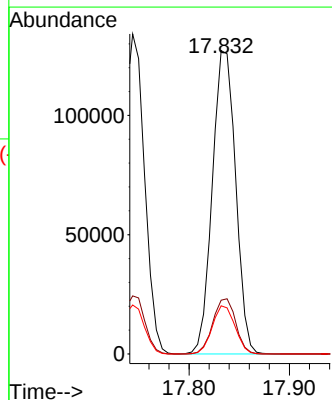
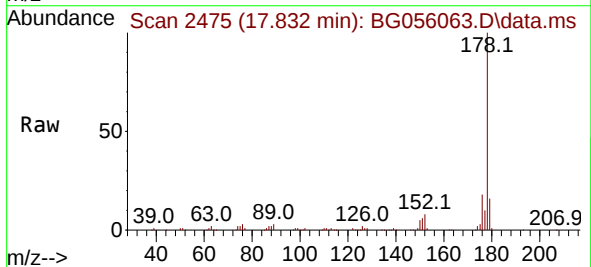
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

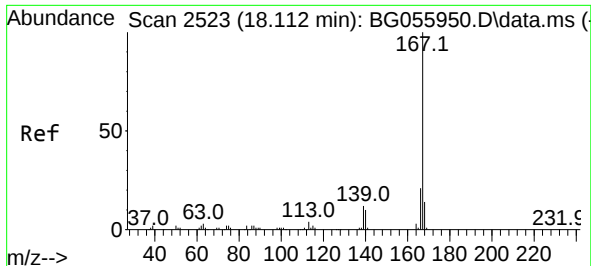
Tgt Ion:178 Resp: 205201
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.3 12.7 19.1



#72
Anthracene
Concen: 43.778 ng
RT: 17.832 min Scan# 2475
Delta R.T. -0.010 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:178 Resp: 205175
Ion Ratio Lower Upper
178 100
176 17.7 13.9 20.9
179 15.9 12.7 19.1

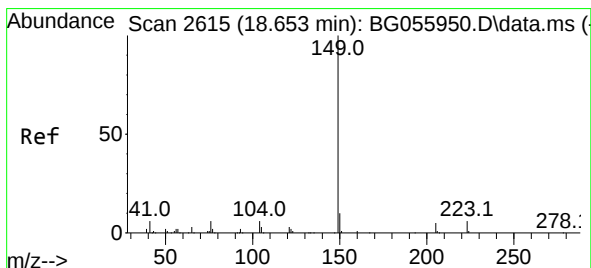
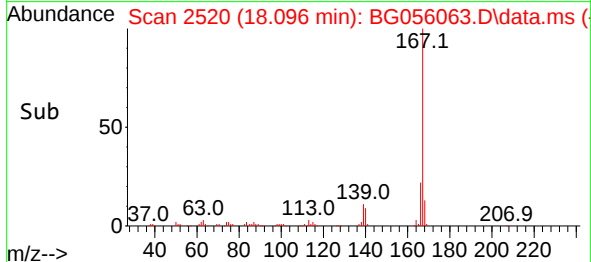
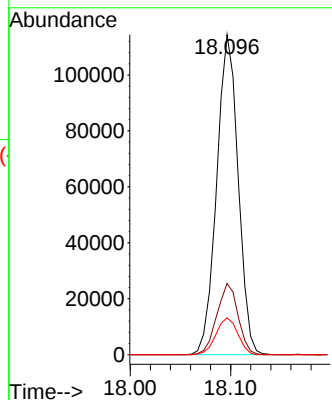
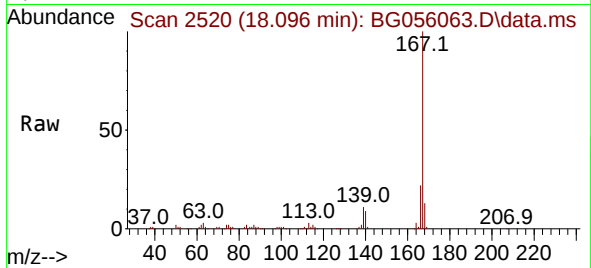




#73
Carbazole
Concen: 43.886 ng
RT: 18.096 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

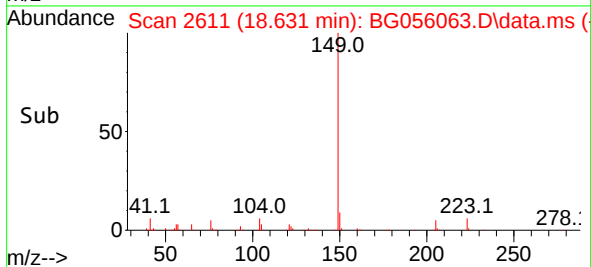
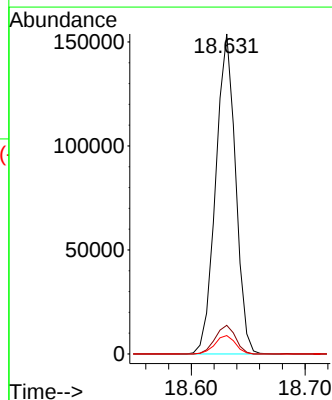
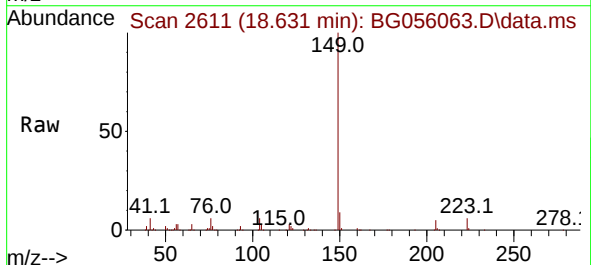
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

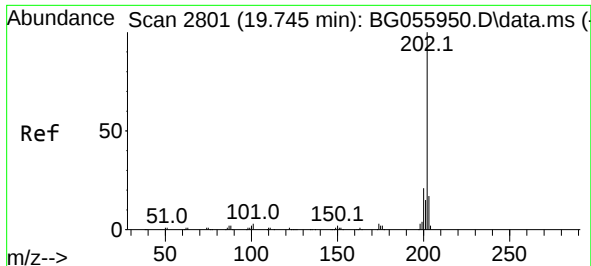
Tgt Ion:167 Resp: 169634
Ion Ratio Lower Upper
167 100
166 22.2 16.6 25.0
139 11.5 9.7 14.5



#74
Di-n-butylphthalate
Concen: 41.534 ng
RT: 18.631 min Scan# 2611
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:149 Resp: 186705
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 5.7 4.8 7.2

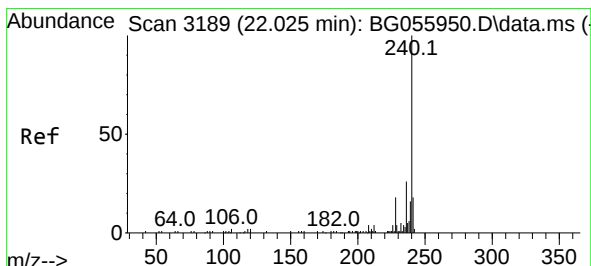
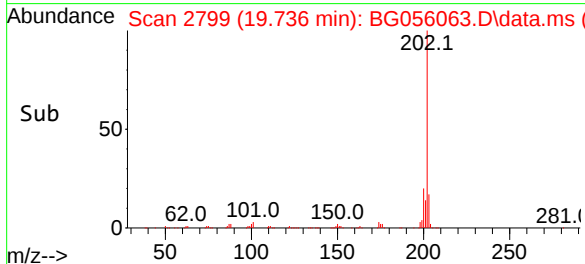
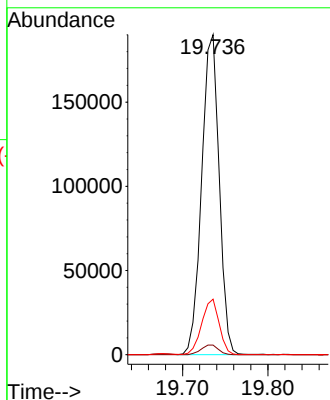
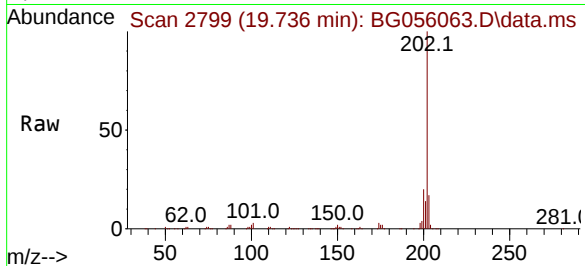




#75
Fluoranthene
Concen: 40.842 ng
RT: 19.736 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

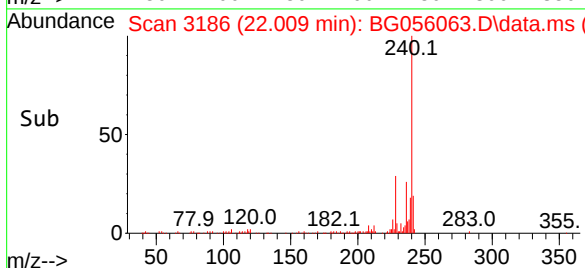
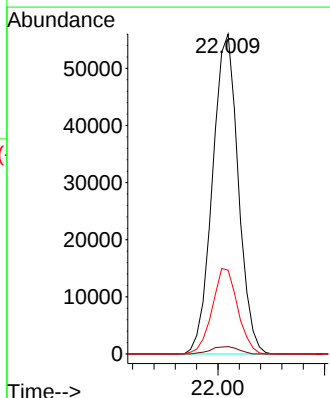
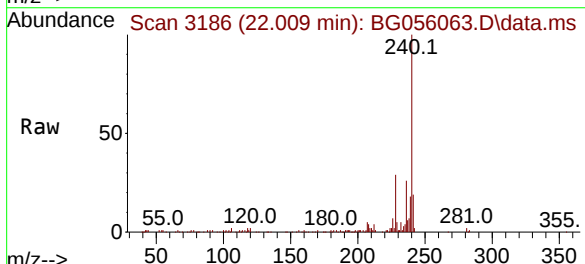
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

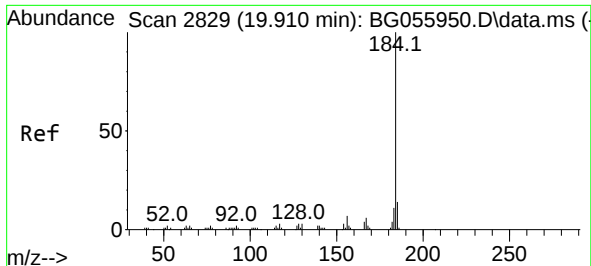
Tgt Ion:202 Resp: 270932
Ion Ratio Lower Upper
202 100
101 3.0 0.0 22.6
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:240 Resp: 93674
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 26.2 21.1 31.7

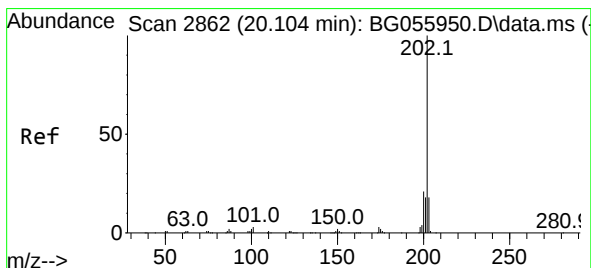
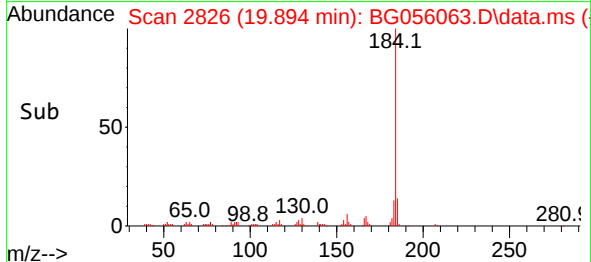
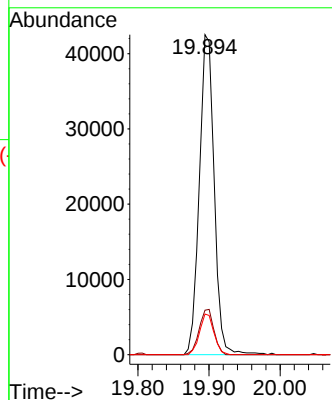
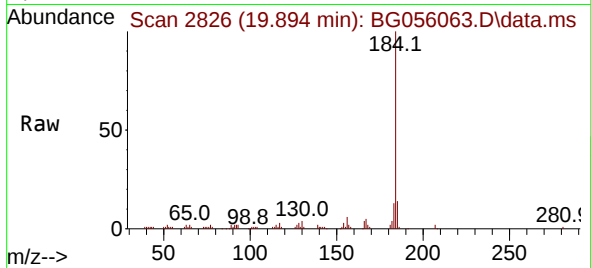




#77
Benzidine
Concen: 37.686 ng
RT: 19.894 min Scan# 2826
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

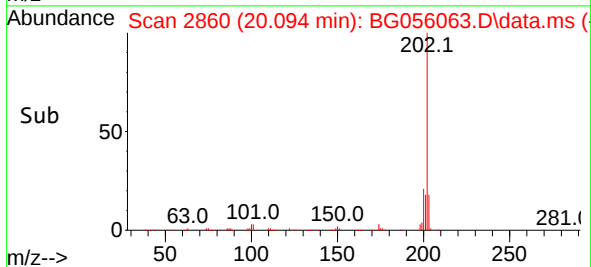
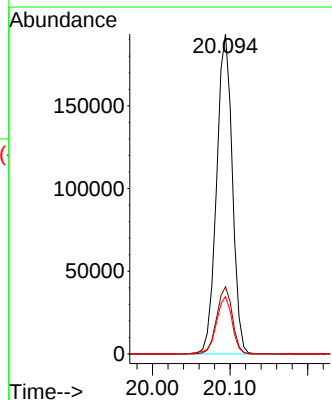
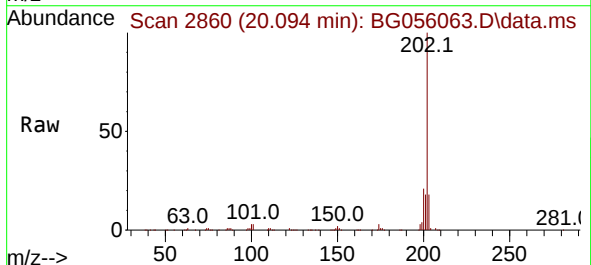
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

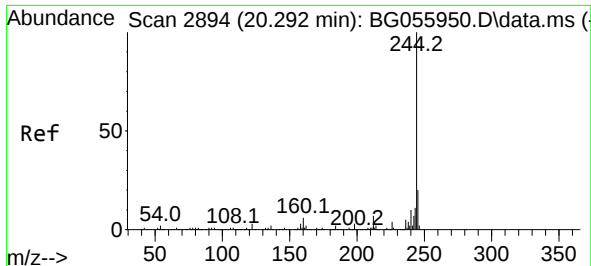
Tgt Ion:184 Resp: 61997
Ion Ratio Lower Upper
184 100
185 13.9 10.9 16.3
183 12.7 9.2 13.8



#78
Pyrene
Concen: 47.985 ng
RT: 20.094 min Scan# 2860
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:202 Resp: 271993
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.9 14.6 21.8

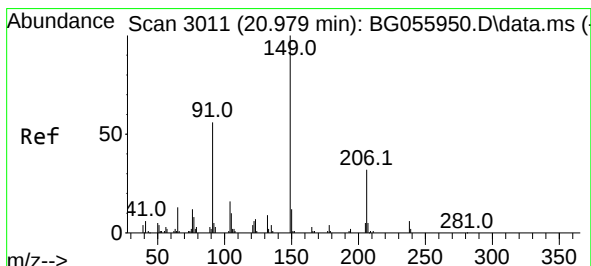
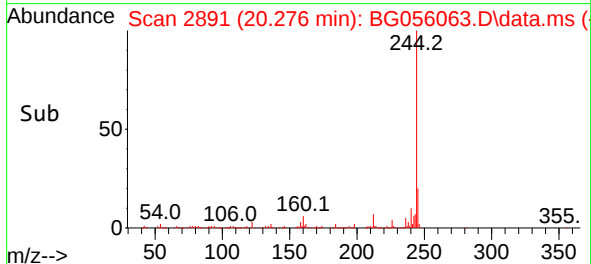
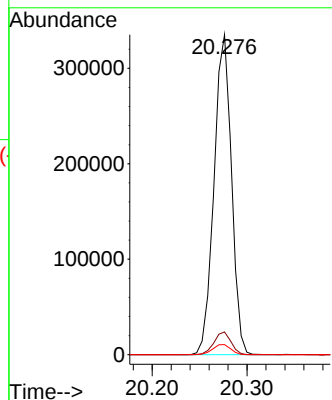
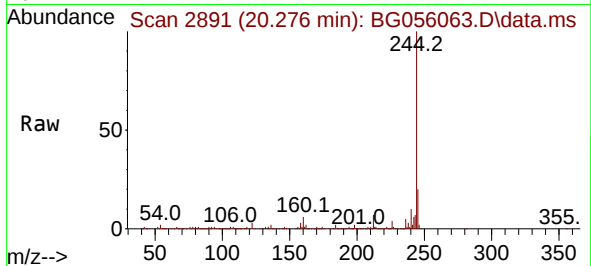




#79
 Terphenyl-d14
 Concen: 80.760 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

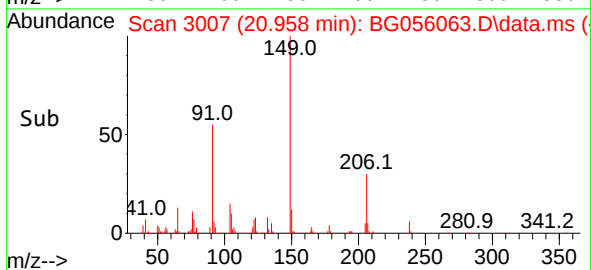
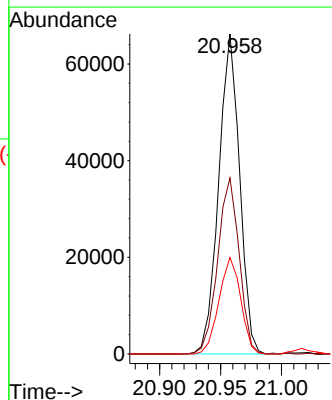
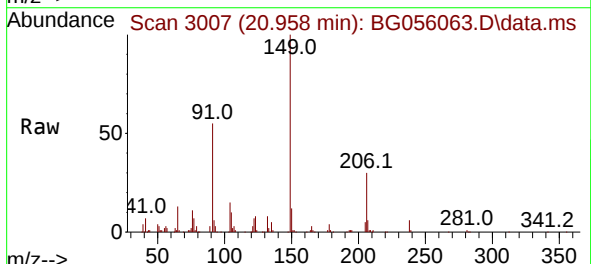
Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS

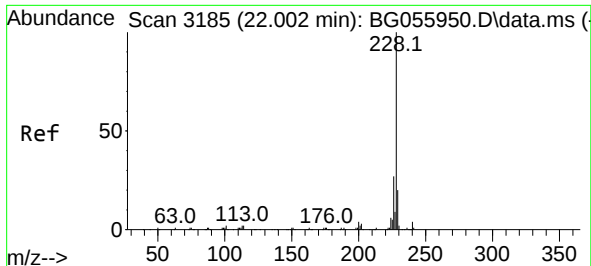
Tgt Ion:244 Resp: 428041
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.2 2.5 3.7



#80
 Butylbenzylphthalate
 Concen: 49.236 ng
 RT: 20.958 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

Tgt Ion:149 Resp: 79082
 Ion Ratio Lower Upper
 149 100
 91 55.0 44.5 66.7
 206 30.2 25.8 38.6

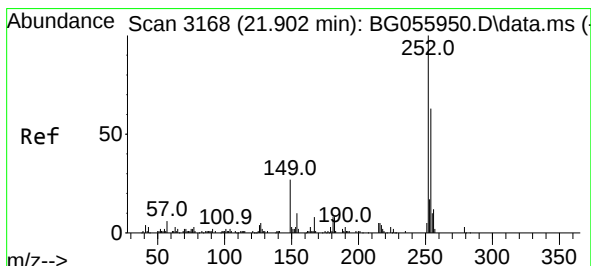
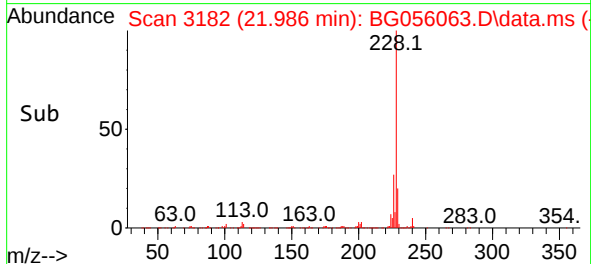
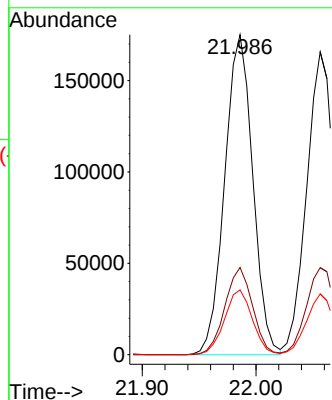
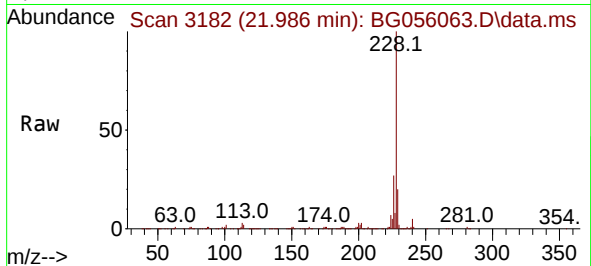




#81
Benzo(a)anthracene
Concen: 45.561 ng
RT: 21.986 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

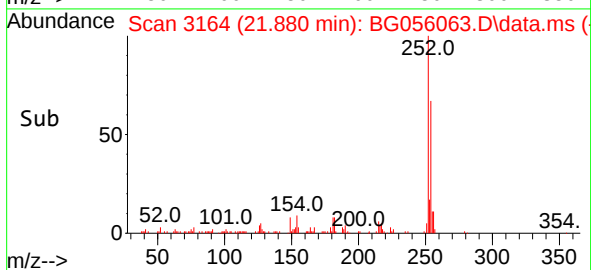
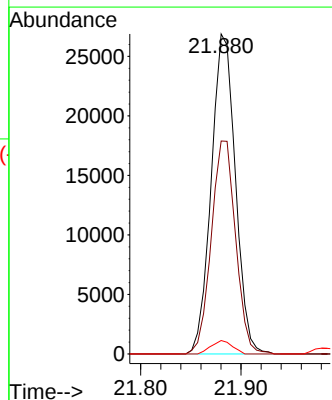
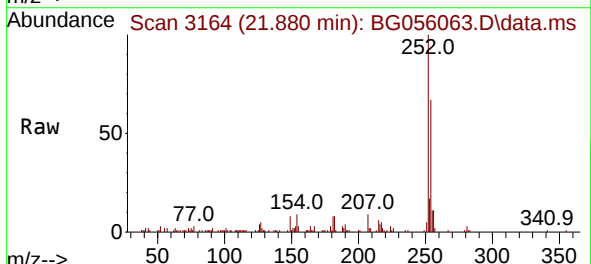
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

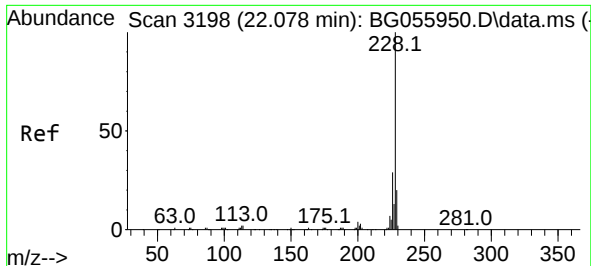
Tgt Ion:228 Resp: 300319
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 20.3 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 18.942 ng
RT: 21.880 min Scan# 3164
Delta R.T. -0.010 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:252 Resp: 44922
Ion Ratio Lower Upper
252 100
254 66.6 50.2 75.2
126 4.2 3.1 4.7

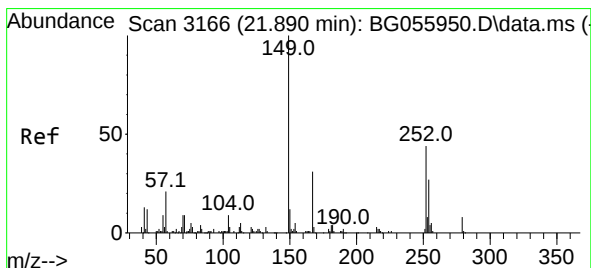
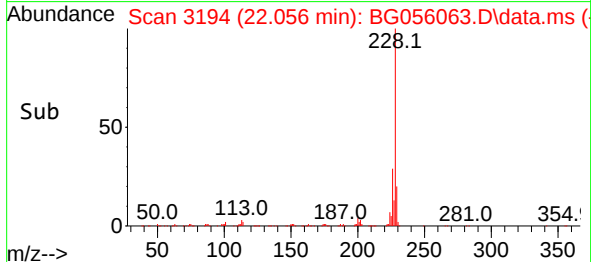
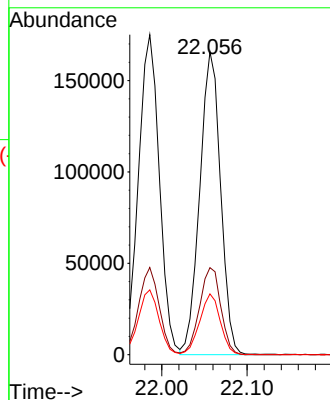
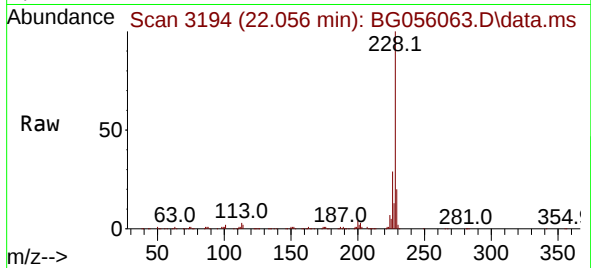




#83
Chrysene
Concen: 45.572 ng
RT: 22.056 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

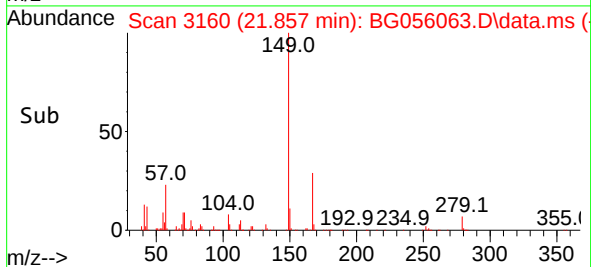
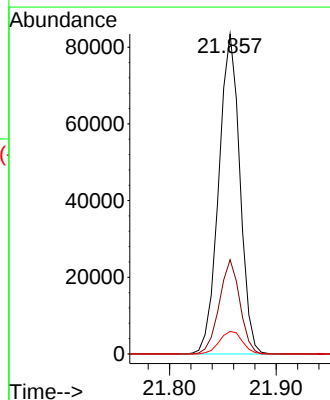
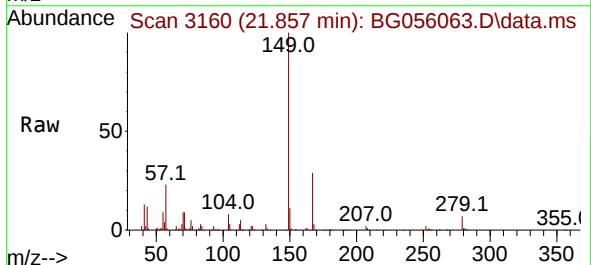
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

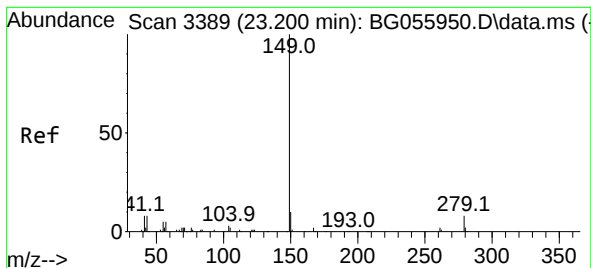
Tgt Ion:228 Resp: 281534
Ion Ratio Lower Upper
228 100
226 28.8 23.1 34.7
229 20.1 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.990 ng
RT: 21.857 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:149 Resp: 114519
Ion Ratio Lower Upper
149 100
167 29.5 24.6 36.8
279 7.0 6.3 9.5





#85

Di-n-octyl phthalate

Concen: 47.792 ng

RT: 23.155 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

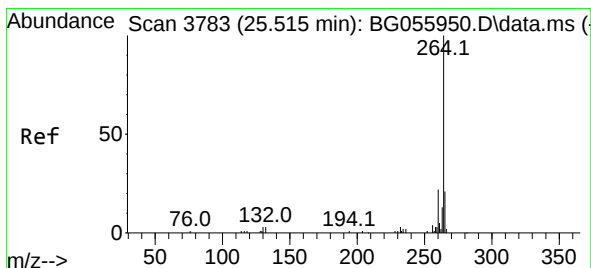
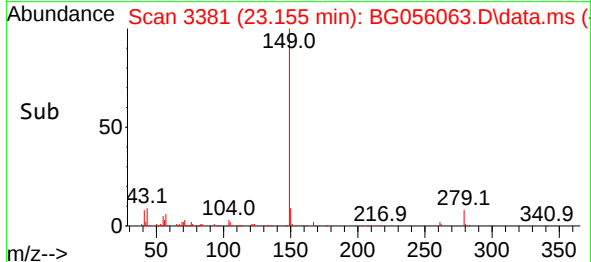
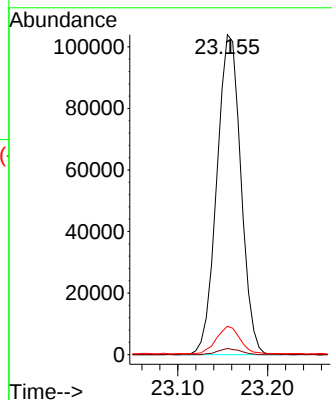
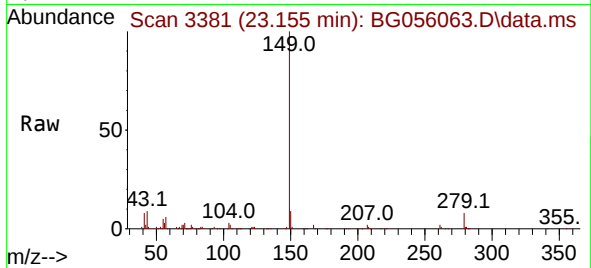
Tgt Ion:149 Resp: 193456

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 8.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.488 min Scan# 3778

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

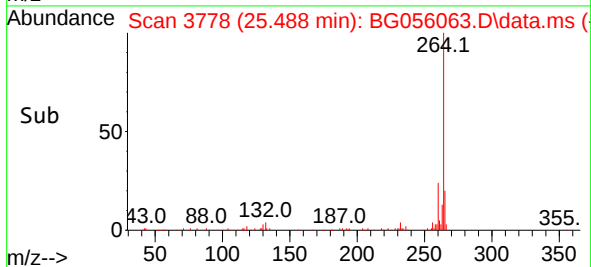
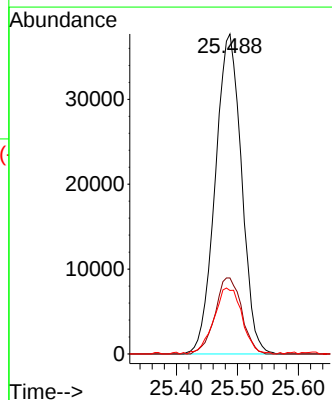
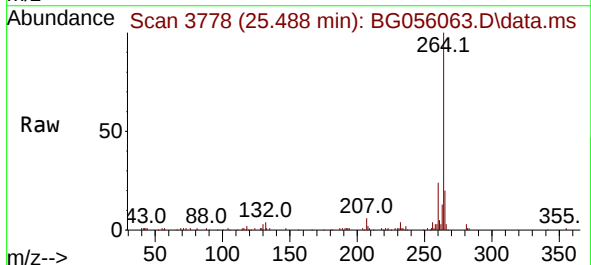
Tgt Ion:264 Resp: 112766

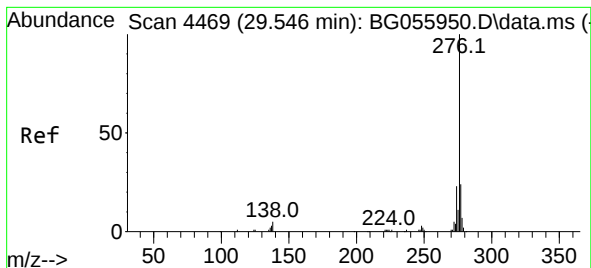
Ion Ratio Lower Upper

264 100

260 23.8 17.8 26.8

265 19.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.125 ng

RT: 29.512 min Scan# 4463

Delta R.T. 0.002 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MS

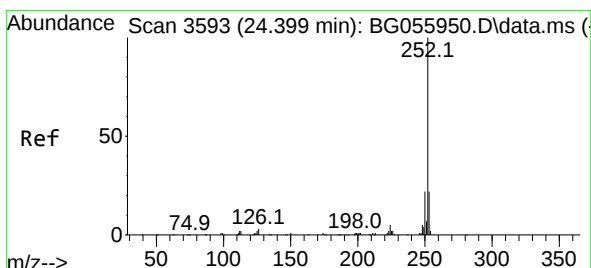
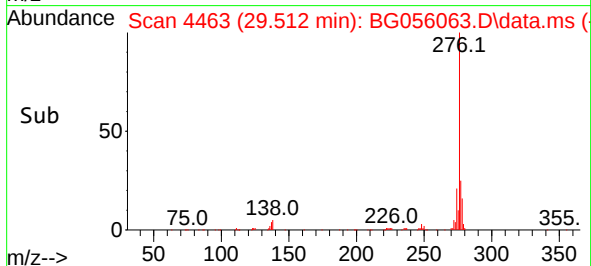
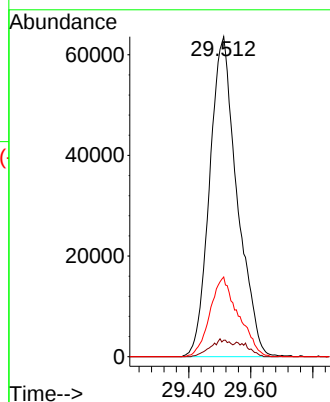
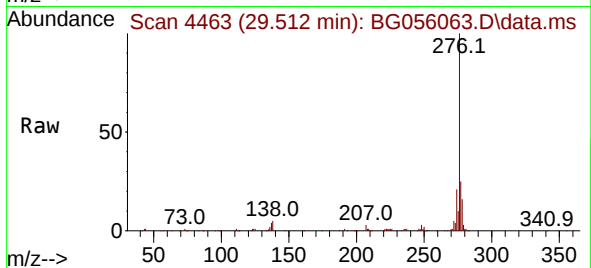
Tgt Ion:276 Resp: 391057

Ion Ratio Lower Upper

276 100

138 4.0 3.0 4.4

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.238 ng

RT: 24.377 min Scan# 3589

Delta R.T. -0.004 min

Lab File: BG056063.D

Acq: 22 Dec 2022 15:29

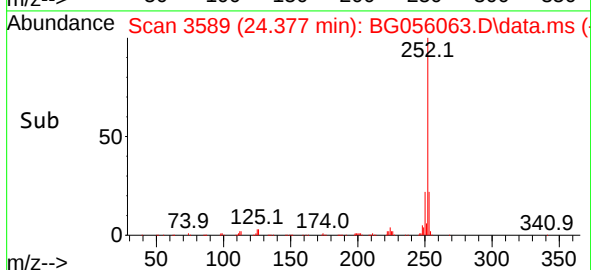
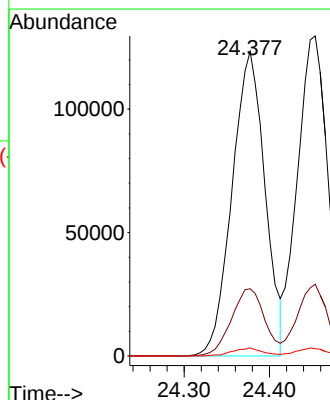
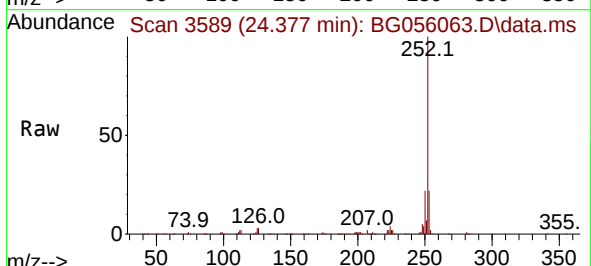
Tgt Ion:252 Resp: 330152

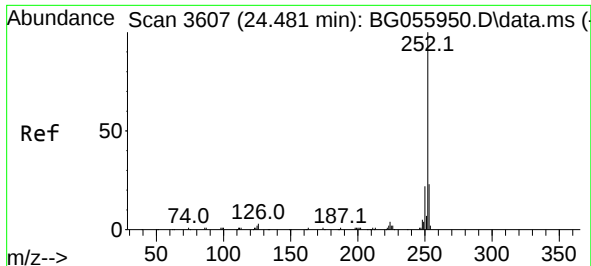
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 2.7 1.8 2.8

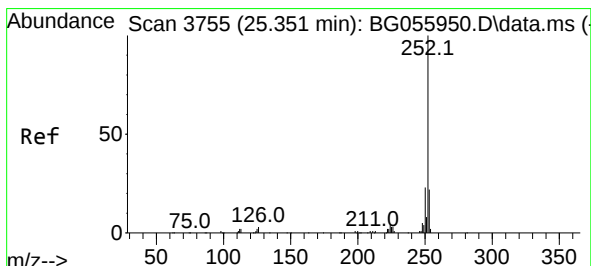
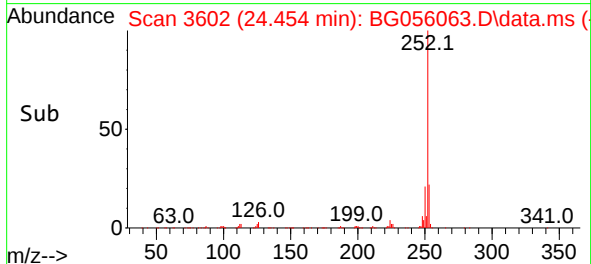
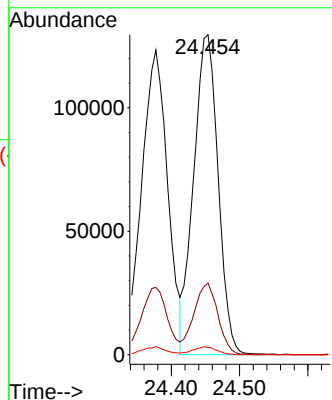
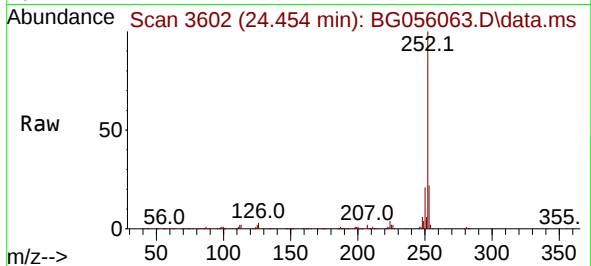




#89
Benzo(k)fluoranthene
Concen: 44.382 ng
RT: 24.454 min Scan# 3602
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

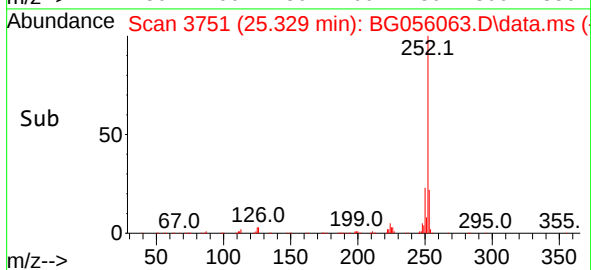
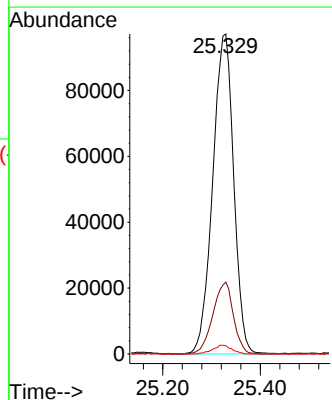
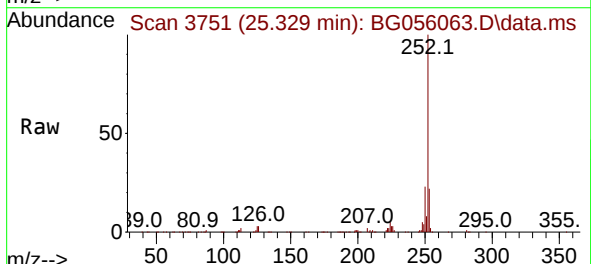
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MS

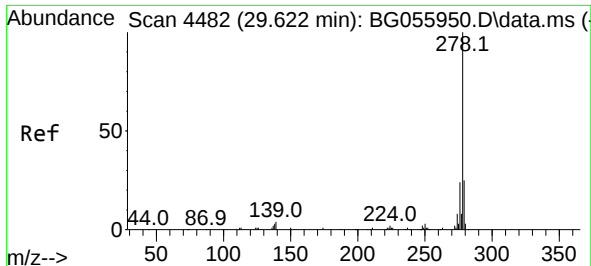
Tgt Ion:252 Resp: 323162
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 2.3 2.0 3.0



#90
Benzo(a)pyrene
Concen: 47.079 ng
RT: 25.329 min Scan# 3751
Delta R.T. -0.004 min
Lab File: BG056063.D
Acq: 22 Dec 2022 15:29

Tgt Ion:252 Resp: 290428
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 2.6 1.9 2.9

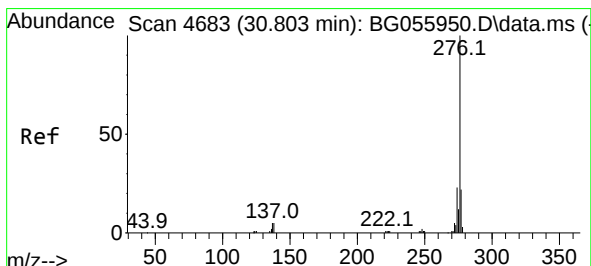
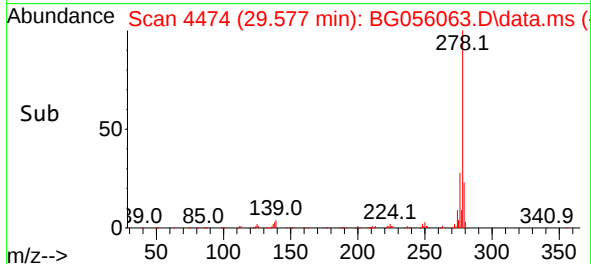
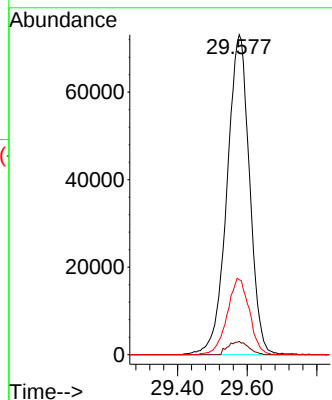
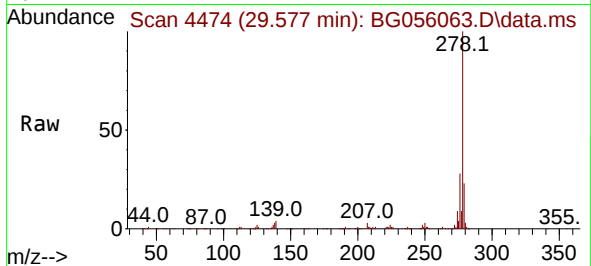




#91
 Dibenzo(a,h)anthracene
 Concen: 43.177 ng
 RT: 29.577 min Scan# 4482
 Delta R.T. -0.010 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MS

Tgt Ion:278 Resp: 327704
 Ion Ratio Lower Upper
 278 100
 139 4.1 2.9 4.3
 279 23.4 20.0 30.0



#92
 Benzo(g,h,i)perylene
 Concen: 43.048 ng
 RT: 30.770 min Scan# 4677
 Delta R.T. -0.016 min
 Lab File: BG056063.D
 Acq: 22 Dec 2022 15:29

Tgt Ion:276 Resp: 315899
 Ion Ratio Lower Upper
 276 100
 277 23.5 17.8 26.6
 138 5.0 3.8 5.6

