

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
 Data File : BG061149.D
 Acq On : 9 May 2024 12:54
 Operator : MA/JU
 Sample : PB160779BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160779BS

Quant Time: May 09 13:38:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	21774	20.000	ng	-0.03
21) Naphthalene-d8	10.732	136	86858	20.000	ng	-0.03
39) Acenaphthene-d10	14.568	164	71759	20.000	ng	-0.02
64) Phenanthrene-d10	17.312	188	180959	20.000	ng	-0.02
76) Chrysene-d12	21.572	240	181682	20.000	ng	-0.02
86) Perylene-d12	24.698	264	206802	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	160517	149.926	ng	-0.02
7) Phenol-d6	7.118	99	216872	136.930	ng	-0.01
23) Nitrobenzene-d5	9.093	82	151181	86.283	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	184328	128.511	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	432138	89.049	ng	-0.02
79) Terphenyl-d14	19.933	244	971276	88.912	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.434	88	12813	29.598	ng	91
3) Pyridine	3.822	79	36901	28.968	ng	92
4) n-Nitrosodimethylamine	3.740	42	43164	35.268	ng	# 93
6) Aniline	7.259	93	51947	33.085	ng	# 93
8) 2-Chlorophenol	7.506	128	63591	48.413	ng	97
9) Benzaldehyde	7.071	77	65699	Below Cal		96
10) Phenol	7.142	94	78953	49.019	ng	93
11) bis(2-Chloroethyl)ether	7.353	93	50621	45.494	ng	99
12) 1,3-Dichlorobenzene	7.823	146	65444	42.264	ng	95
13) 1,4-Dichlorobenzene	7.970	146	68369	42.720	ng	95
14) 1,2-Dichlorobenzene	8.288	146	66322	42.954	ng	96
15) Benzyl Alcohol	8.170	79	64246	44.967	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	116267	48.155	ng	99
17) 2-Methylphenol	8.382	107	54660	47.621	ng	98
18) Hexachloroethane	9.016	117	24728	43.302	ng	87
19) n-Nitroso-di-n-propyla...	8.740	70	49169	41.483	ng	# 86
20) 3+4-Methylphenols	8.711	107	74994	45.286	ng	97
22) Acetophenone	8.752	105	99352	45.930	ng	99
24) Nitrobenzene	9.134	77	76151	44.427	ng	99
25) Isophorone	9.657	82	137547	42.468	ng	97
26) 2-Nitrophenol	9.845	139	38491	47.396	ng	94
27) 2,4-Dimethylphenol	9.909	122	48552	51.856	ng	94
28) bis(2-Chloroethoxy)met...	10.138	93	74731	47.013	ng	# 94
29) 2,4-Dichlorophenol	10.385	162	71407	48.675	ng	88
30) 1,2,4-Trichlorobenzene	10.597	180	77652	43.930	ng	96
31) Naphthalene	10.779	128	201404	44.616	ng	99
32) Benzoic acid	10.062	122	30788	28.446	ng	87
33) 4-Chloroaniline	10.890	127	52458	29.138	ng	98
34) Hexachlorobutadiene	11.067	225	66209	43.654	ng	99
35) Caprolactam	11.672	113	14626	27.685	ng	# 90
36) 4-Chloro-3-methylphenol	12.024	107	80264	45.373	ng	96
37) 2-Methylnaphthalene	12.389	142	145661	43.060	ng	97
38) 1-Methylnaphthalene	12.606	142	134611	39.527	ng	99
40) 1,2,4,5-Tetrachloroben...	12.759	216	117212	48.944	ng	97
41) Hexachlorocyclopentadiene	12.735	237	118882	129.675	ng	95
43) 2,4,6-Trichlorophenol	13.000	196	72640	47.246	ng	99

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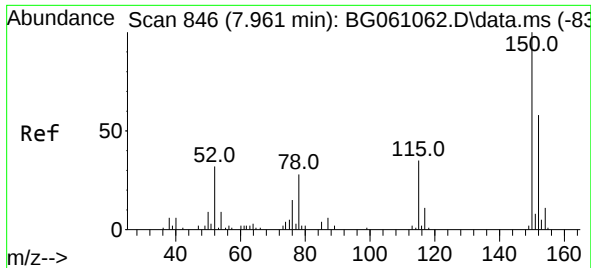
Quant Time: May 09 13:38:57 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	77237	44.387	ng	92
46) 1,1'-Biphenyl	13.399	154	218480	47.485	ng	99
47) 2-Chloronaphthalene	13.440	162	171725	46.610	ng	97
48) 2-Nitroaniline	13.640	65	63478	46.430	ng	99
49) Acenaphthylene	14.286	152	283327	50.069	ng	98
50) Dimethylphthalate	14.022	163	243933	44.011	ng	99
51) 2,6-Dinitrotoluene	14.140	165	52007	43.868	ng	94
52) Acenaphthene	14.633	154	160425	45.446	ng	96
53) 3-Nitroaniline	14.469	138	35733	32.941	ng	94
54) 2,4-Dinitrophenol	14.686	184	69597	82.737	ng	98
55) Dibenzofuran	14.962	168	273252	45.828	ng	97
56) 4-Nitrophenol	14.798	139	75154	85.728	ng	96
57) 2,4-Dinitrotoluene	14.933	165	77787	44.349	ng	94
58) Fluorene	15.614	166	229862	44.551	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.115	232	75895	42.370	ng	93
60) Diethylphthalate	15.385	149	245748	43.968	ng	100
61) 4-Chlorophenyl-phenyle...	15.608	204	138851	44.819	ng	98
62) 4-Nitroaniline	15.638	138	49031	41.675	ng	97
63) Azobenzene	15.902	77	205339	47.194	ng	94
65) 4,6-Dinitro-2-methylph...	15.702	198	53177	47.363	ng	97
66) n-Nitrosodiphenylamine	15.826	169	216464	48.238	ng	98
67) 4-Bromophenyl-phenylether	16.502	248	103515	48.559	ng	96
68) Hexachlorobenzene	16.625	284	121021	45.612	ng	99
69) Atrazine	16.778	200	97844	52.870	ng	94
70) Pentachlorophenol	16.972	266	124335	76.278	ng	96
71) Phenanthrene	17.359	178	393988	47.616	ng	99
72) Anthracene	17.447	178	400927	48.560	ng	99
73) Carbazole	17.718	167	347087	47.813	ng	99
74) Di-n-butylphthalate	18.282	149	412091	47.741	ng	99
75) Fluoranthene	19.369	202	532992	47.020	ng	98
77) Benzidine	19.545	184	80812	24.809	ng	97
78) Pyrene	19.733	202	538830	46.649	ng	98
80) Butylbenzylphthalate	20.620	149	174401	47.699	ng	98
81) Benzo(a)anthracene	21.554	228	566029	47.610	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	142389	33.280	ng	99
83) Chrysene	21.619	228	530216	47.602	ng	98
84) Bis(2-ethylhexyl)phtha...	21.466	149	241435	50.568	ng	97
85) Di-n-octyl phthalate	22.653	149	403433	47.893	ng	99
87) Indeno(1,2,3-cd)pyrene	28.252	276	681596	49.733	ng	99
88) Benzo(b)fluoranthene	23.711	252	537458	46.508	ng	99
89) Benzo(k)fluoranthene	23.781	252	545050	49.026	ng	100
90) Benzo(a)pyrene	24.551	252	506938	50.352	ng	99
91) Dibenzo(a,h)anthracene	28.311	278	560837	49.414	ng #	96
92) Benzo(g,h,i)perylene	29.363	276	525818	46.620	ng #	96

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

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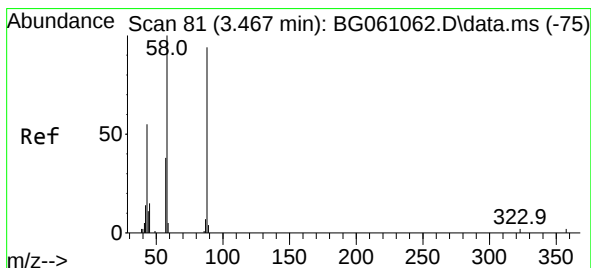
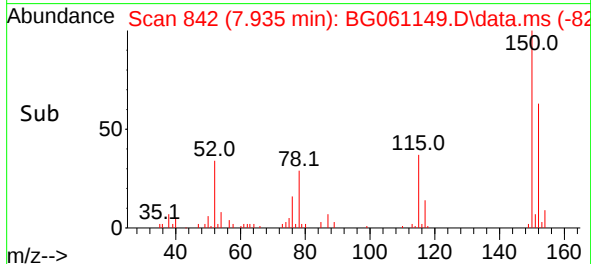
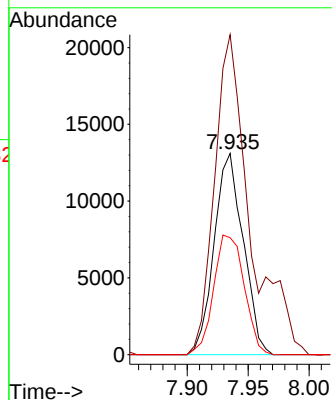
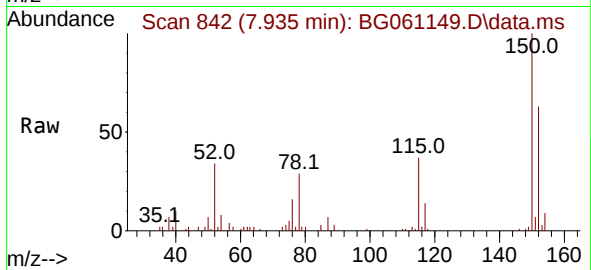




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.935 min Scan# 84
 Delta R.T. -0.026 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

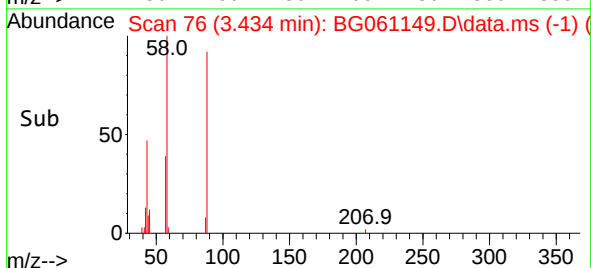
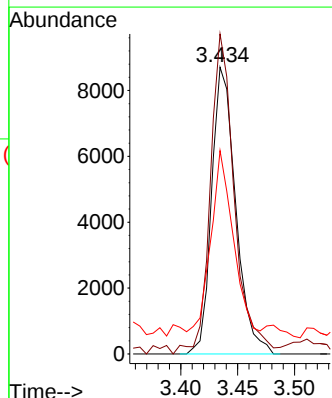
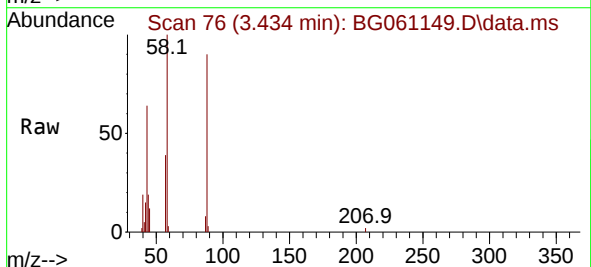
Instrument :
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Tgt Ion:152 Resp: 21774
 Ion Ratio Lower Upper
 152 100
 150 159.0 138.3 207.5
 115 58.1 48.0 72.0



#2
 1,4-Dioxane
 Concen: 29.598 ng
 RT: 3.434 min Scan# 76
 Delta R.T. -0.032 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

Tgt Ion: 88 Resp: 12813
 Ion Ratio Lower Upper
 88 100
 58 112.3 81.2 121.8
 43 61.1 45.0 67.4

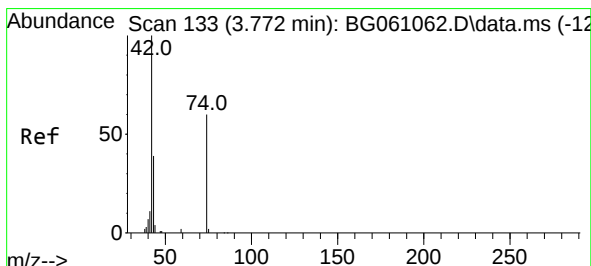
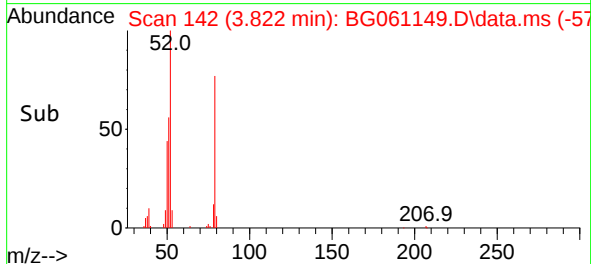
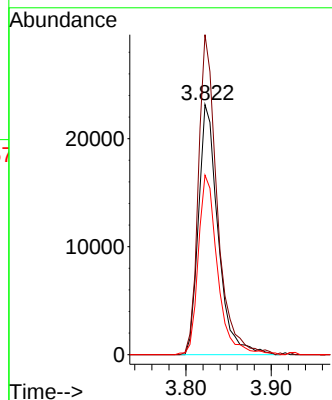
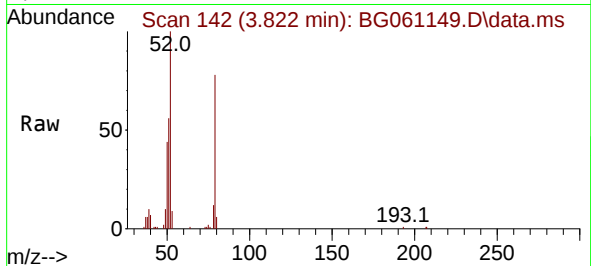




#3
 Pyridine
 Concen: 28.968 ng
 RT: 3.822 min Scan# 14
 Delta R.T. -0.032 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

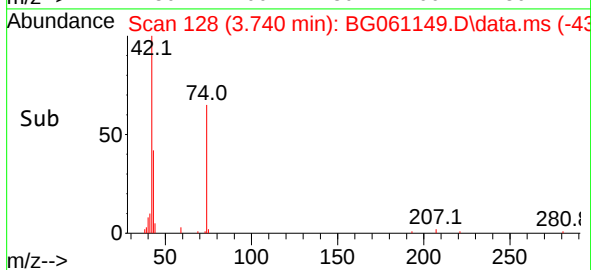
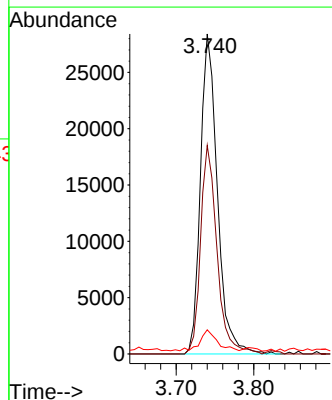
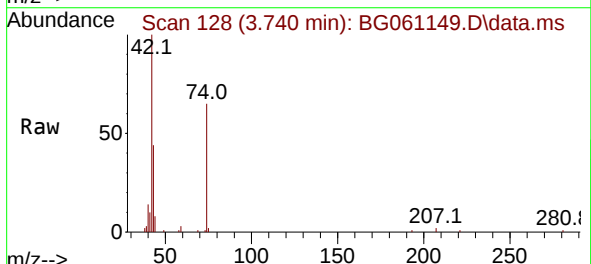
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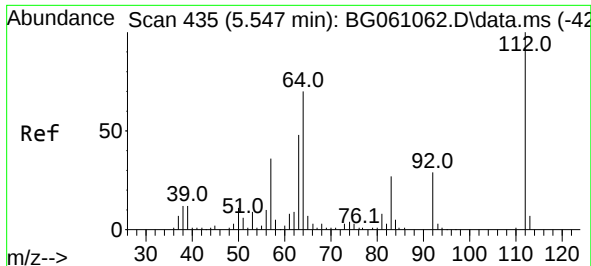
Tgt Ion: 79 Resp: 36901
 Ion Ratio Lower Upper
 79 100
 52 128.0 91.6 137.4
 51 71.8 57.0 85.4



#4
 n-Nitrosodimethylamine
 Concen: 35.268 ng
 RT: 3.740 min Scan# 128
 Delta R.T. -0.032 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

Tgt Ion: 42 Resp: 43164
 Ion Ratio Lower Upper
 42 100
 74 65.2 47.8 71.8
 44 7.5 4.7 7.1#

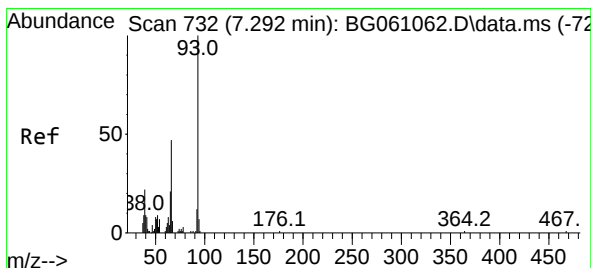
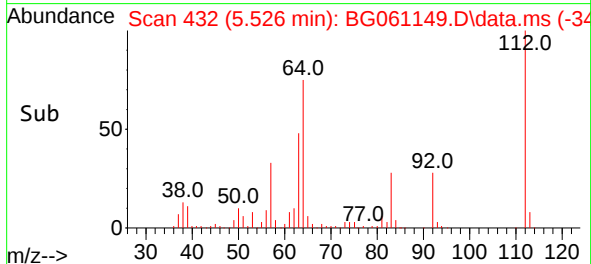
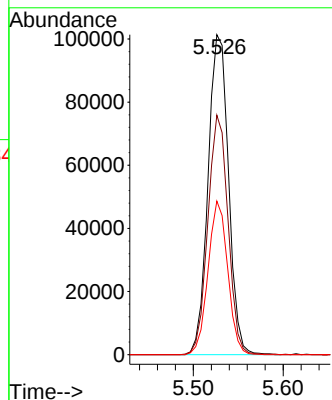
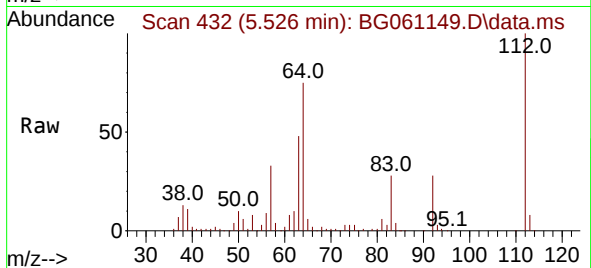




#5
2-Fluorophenol
Concen: 149.926 ng
RT: 5.526 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

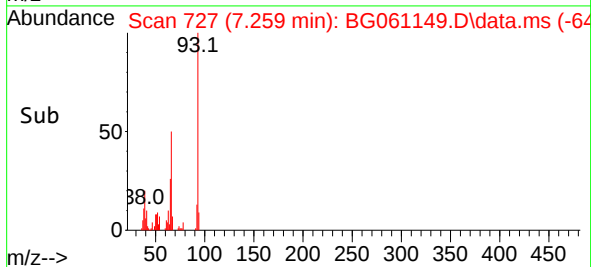
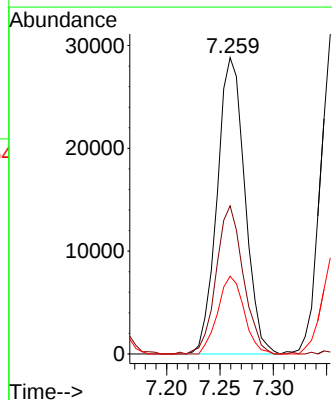
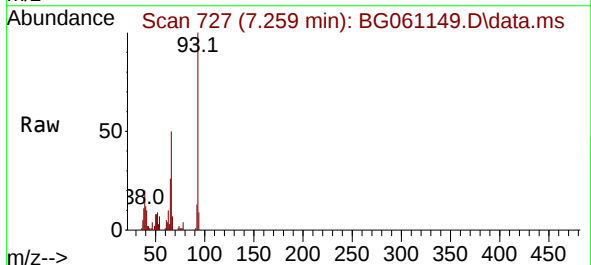
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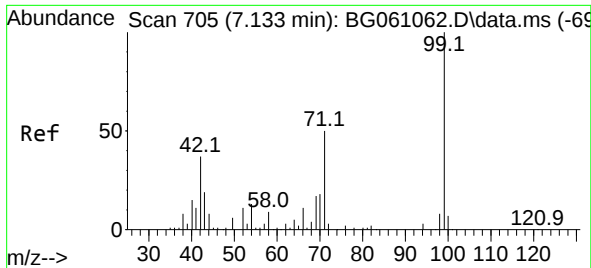
Tgt Ion:112 Resp: 160517
Ion Ratio Lower Upper
112 100
64 74.8 55.7 83.5
63 48.0 38.1 57.1



#6
Aniline
Concen: 33.085 ng
RT: 7.259 min Scan# 727
Delta R.T. -0.032 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion: 93 Resp: 51947
Ion Ratio Lower Upper
93 100
66 50.0 37.4 56.0
65 26.2 16.6 24.8#

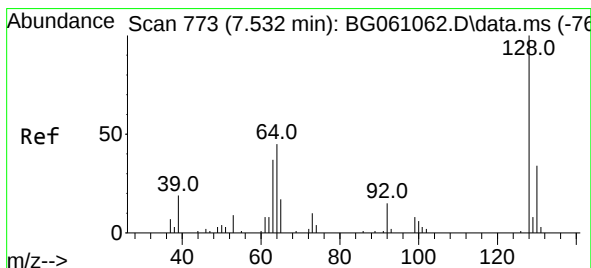
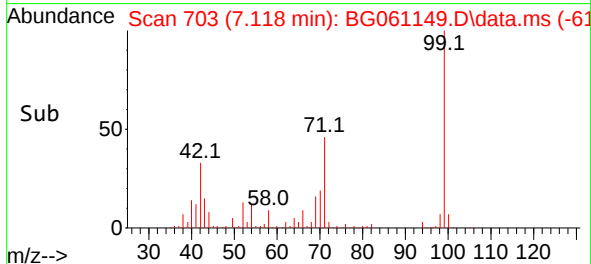
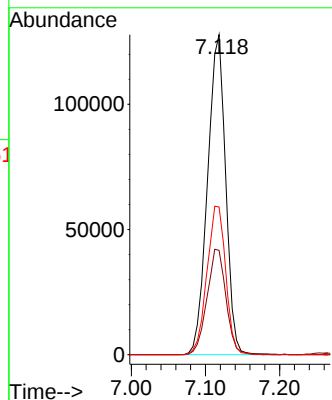
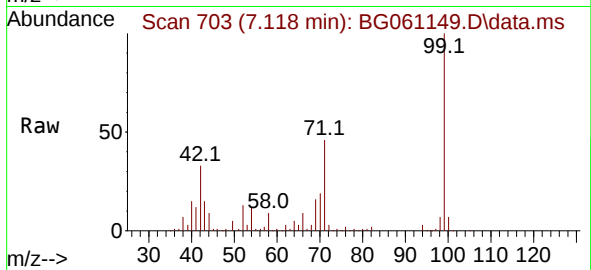




#7
Phenol-d6
Concen: 136.930 ng
RT: 7.118 min Scan# 703
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

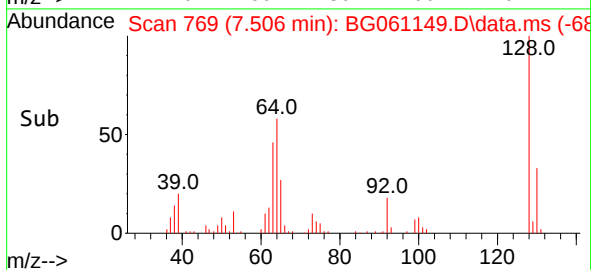
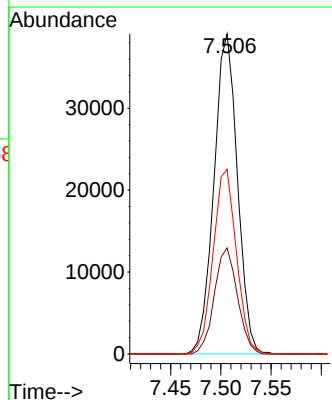
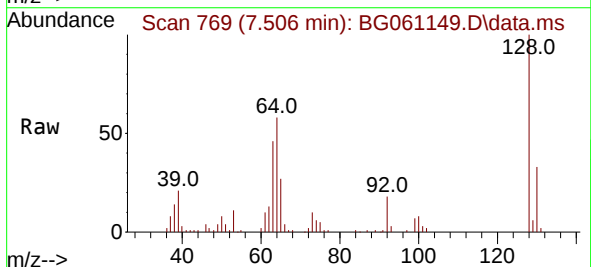
Instrument :
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Tgt Ion: 99 Resp: 216872
Ion Ratio Lower Upper
99 100
42 32.6 29.2 43.8
71 46.1 39.7 59.5



#8
2-Chlorophenol
Concen: 48.413 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:128 Resp: 63591
Ion Ratio Lower Upper
128 100
130 33.1 14.1 54.1
64 57.7 34.8 74.8

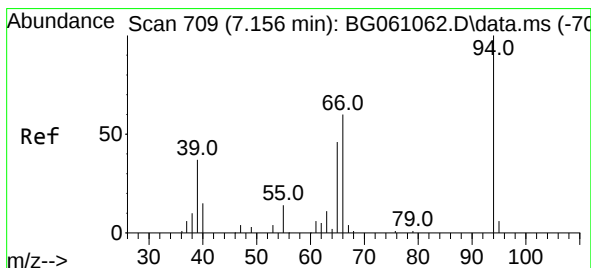
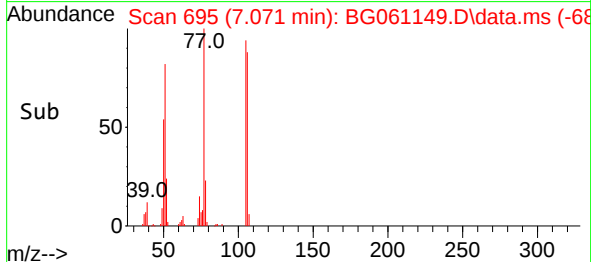
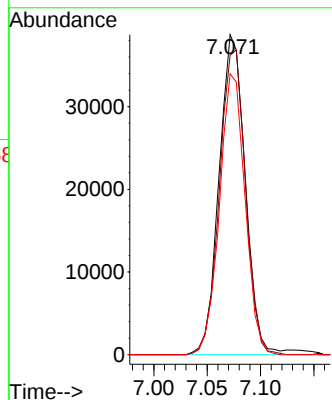
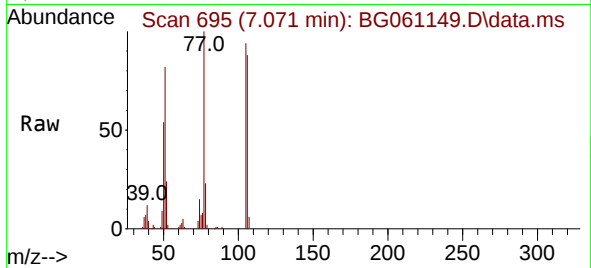




#9
Benzaldehyde
Concen: Below Cal
RT: 7.071 min Scan# 61
Delta R.T. -0.033 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

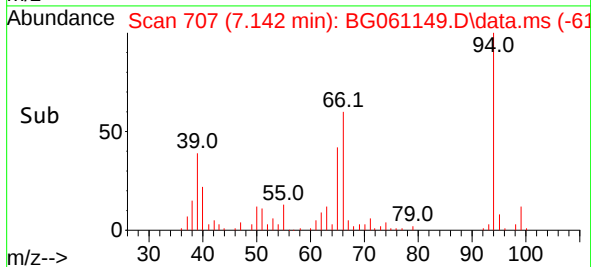
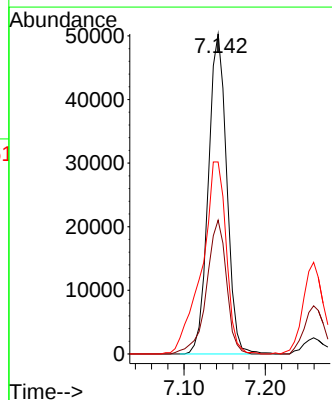
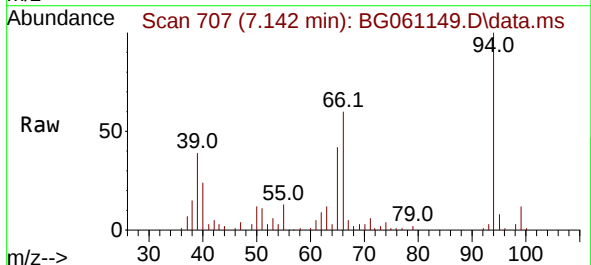
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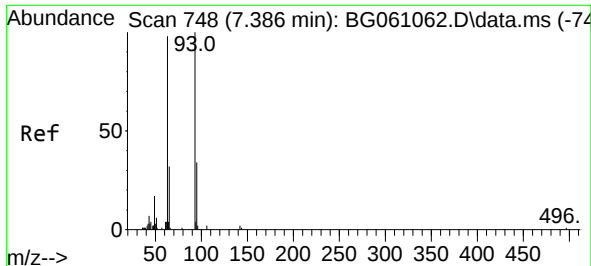
Tgt Ion: 77 Resp: 65699
Ion Ratio Lower Upper
77 100
105 93.5 76.0 116.0
106 87.8 72.3 112.3



#10
Phenol
Concen: 49.019 ng
RT: 7.142 min Scan# 707
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion: 94 Resp: 78953
Ion Ratio Lower Upper
94 100
65 41.8 26.8 66.8
66 60.0 44.7 84.7





#11

bis(2-Chloroethyl)ether

Concen: 45.494 ng

RT: 7.353 min Scan# 748

Delta R.T. -0.032 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

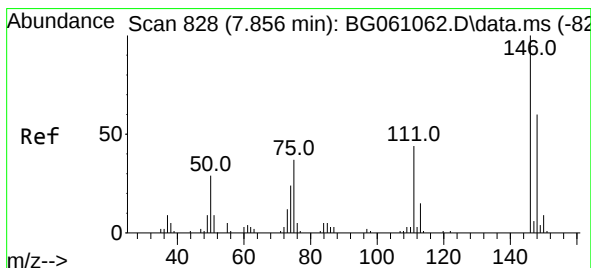
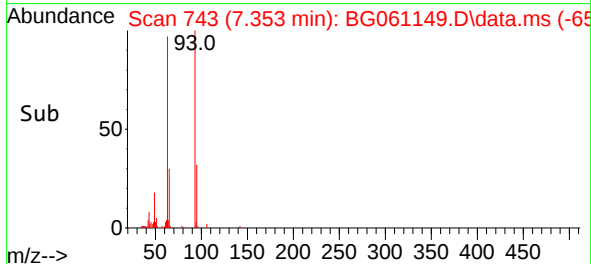
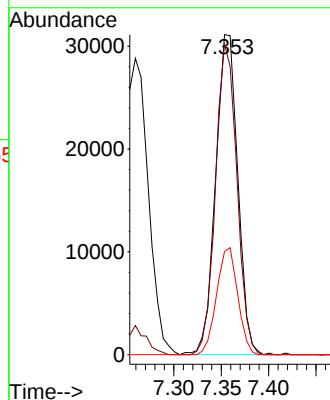
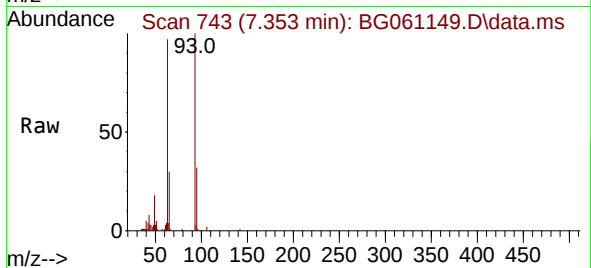
Tgt Ion: 93 Resp: 50621

Ion Ratio Lower Upper

93 100

63 97.0 76.8 116.8

95 32.2 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 42.264 ng

RT: 7.823 min Scan# 823

Delta R.T. -0.032 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

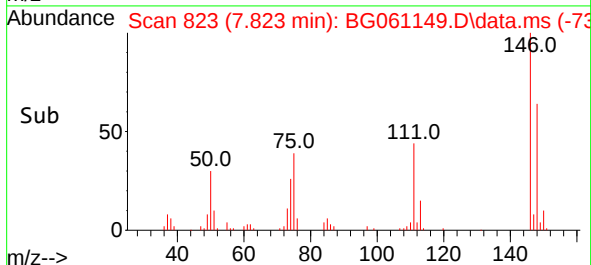
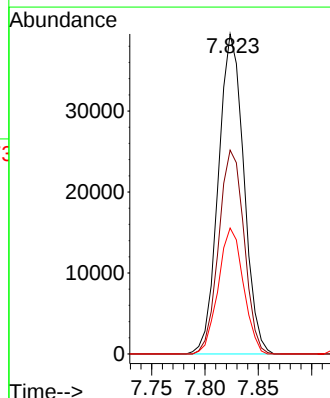
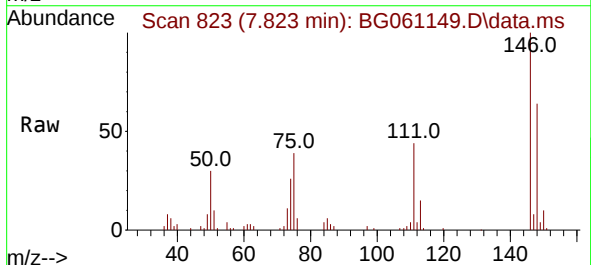
Tgt Ion:146 Resp: 65444

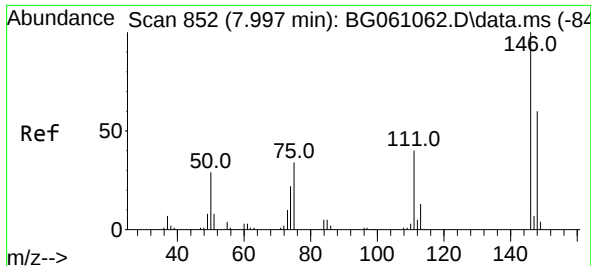
Ion Ratio Lower Upper

146 100

148 63.7 48.0 72.0

75 39.3 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 42.720 ng

RT: 7.970 min Scan# 84

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

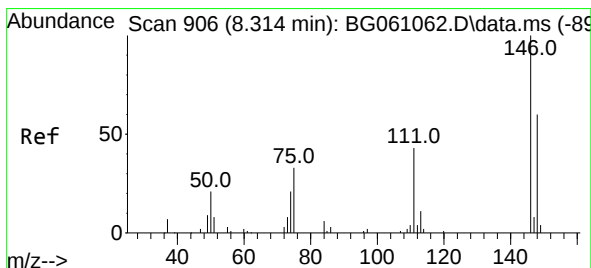
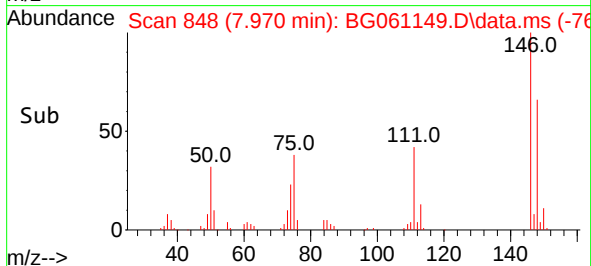
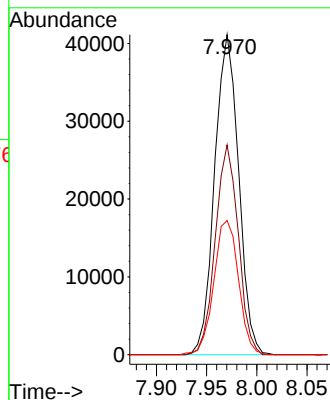
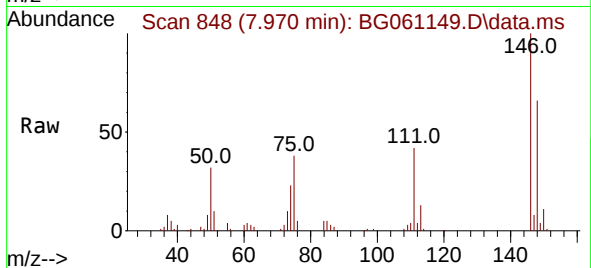
Tgt Ion:146 Resp: 68369

Ion Ratio Lower Upper

146 100

148 65.6 48.1 72.1

111 42.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 42.954 ng

RT: 8.288 min Scan# 902

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

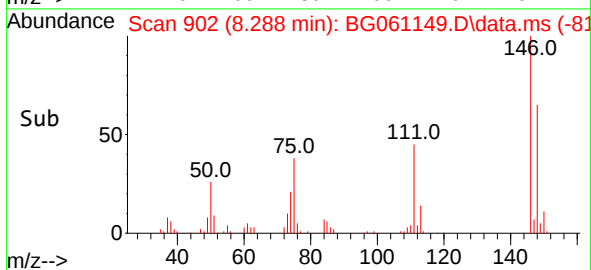
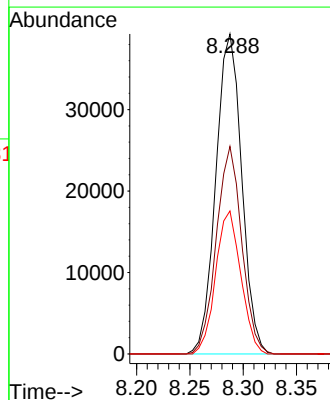
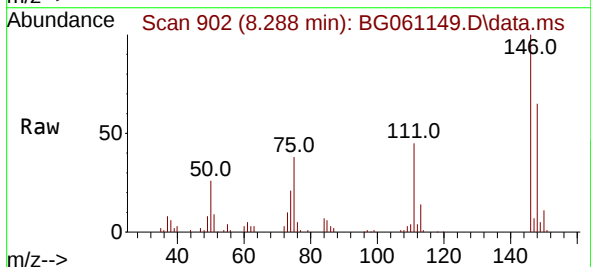
Tgt Ion:146 Resp: 66322

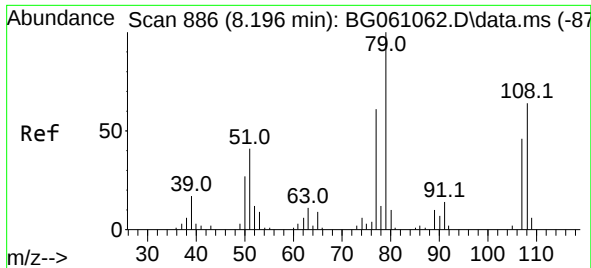
Ion Ratio Lower Upper

146 100

148 64.8 48.2 72.2

111 44.7 36.2 54.2

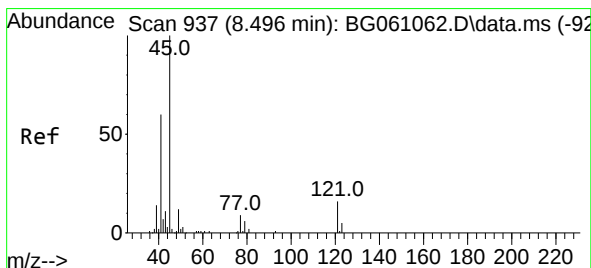
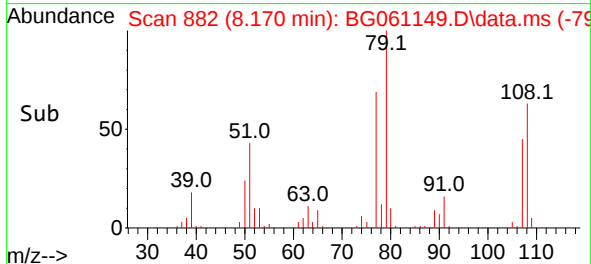
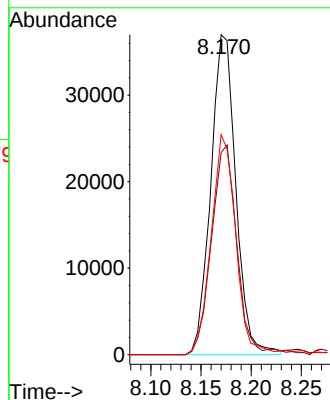
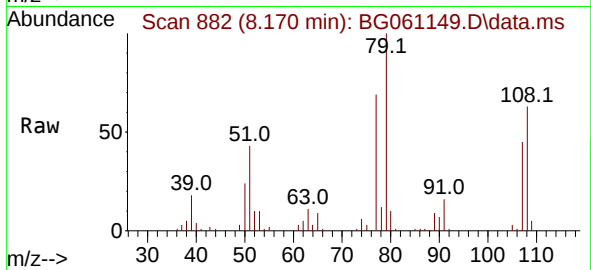




#15
Benzyl Alcohol
Concen: 44.967 ng
RT: 8.170 min Scan# 81
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

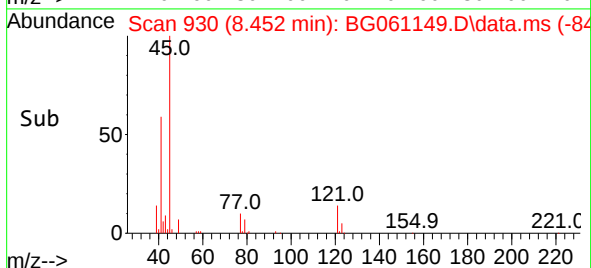
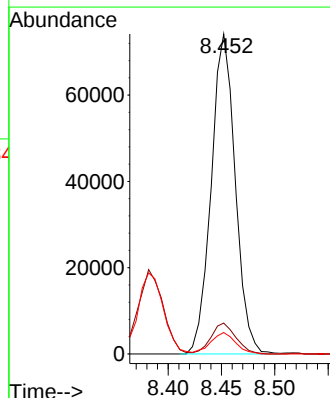
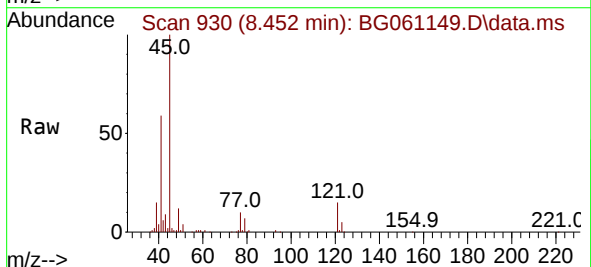
Instrument :
BNA_G
ClientSampleId :
PB160779BS

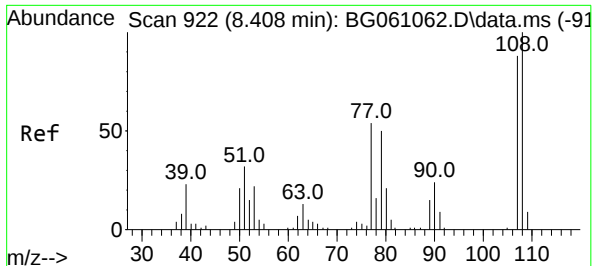
Tgt Ion: 79 Resp: 64246
Ion Ratio Lower Upper
79 100
108 63.1 51.1 76.7
77 68.8 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.155 ng
RT: 8.452 min Scan# 930
Delta R.T. -0.044 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion: 45 Resp: 116267
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.2
79 6.7 0.0 26.5

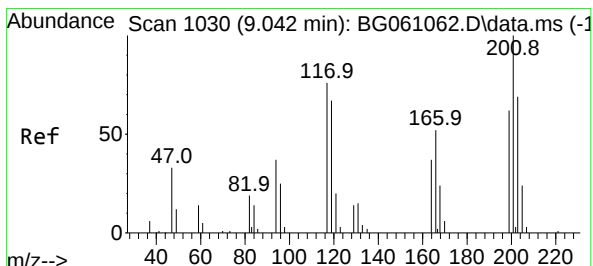
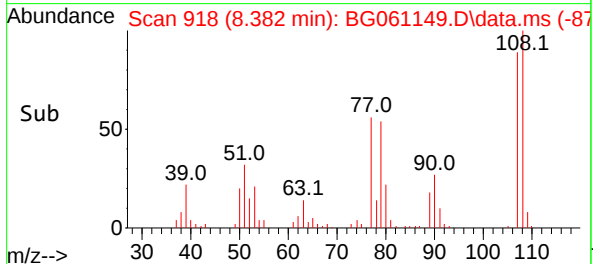
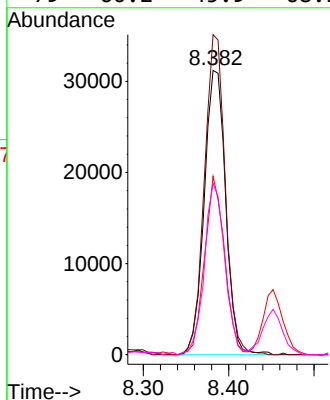
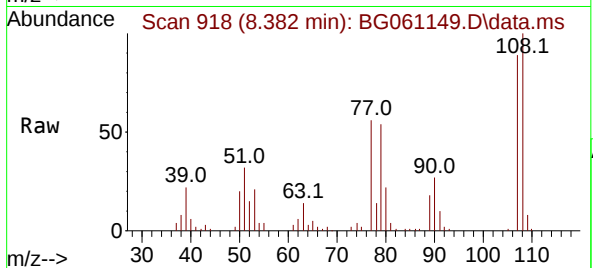




#17
2-Methylphenol
Concen: 47.621 ng
RT: 8.382 min Scan# 91
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

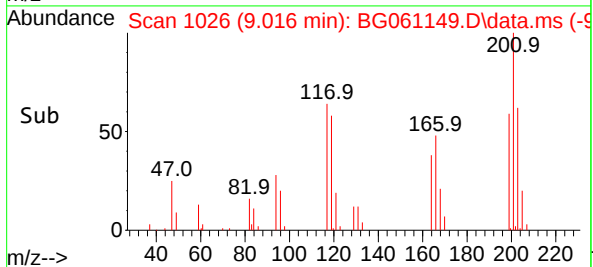
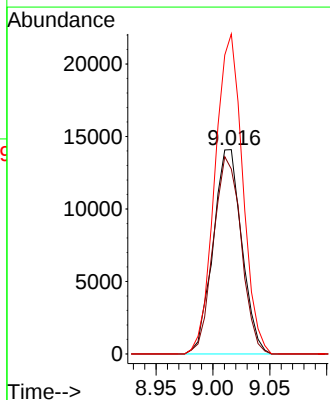
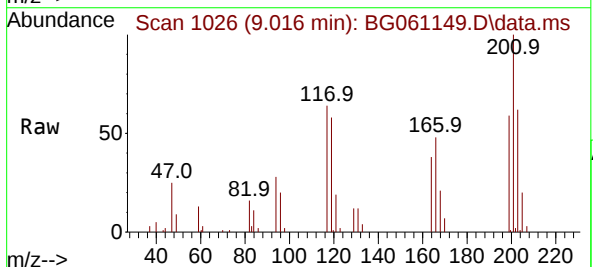
Instrument :
BNA_G
ClientSampleId :
PB160779BS

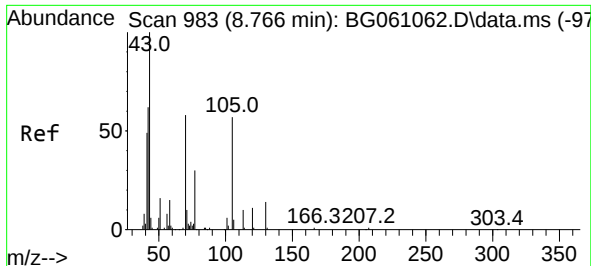
Tgt Ion:	107	Resp:	54660
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.4	137.2
77	62.7	49.4	74.2
79	60.2	45.9	68.9



#18
Hexachloroethane
Concen: 43.302 ng
RT: 9.016 min Scan# 1026
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:	117	Resp:	24728
Ion	Ratio	Lower	Upper
117	100		
119	91.8	71.4	107.0
201	156.6	105.8	158.8

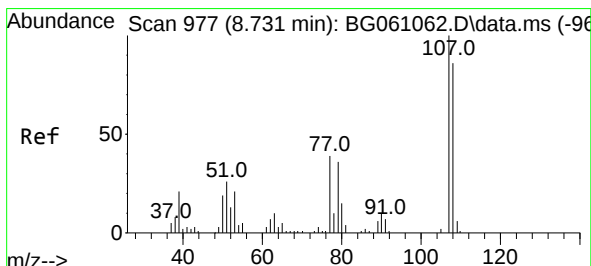
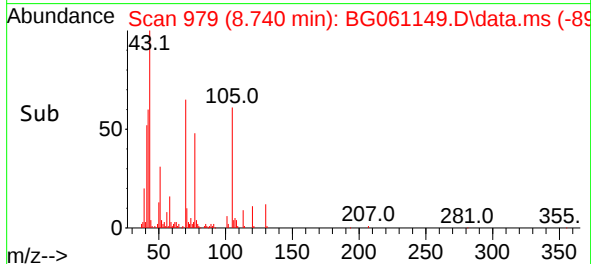
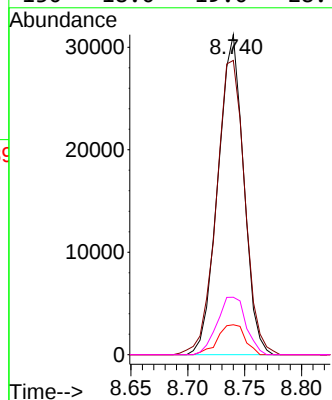
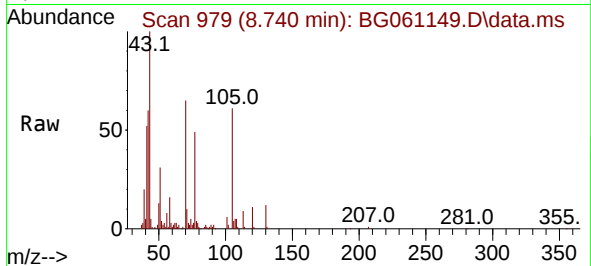




#19
n-Nitroso-di-n-propylamine
Concen: 41.483 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

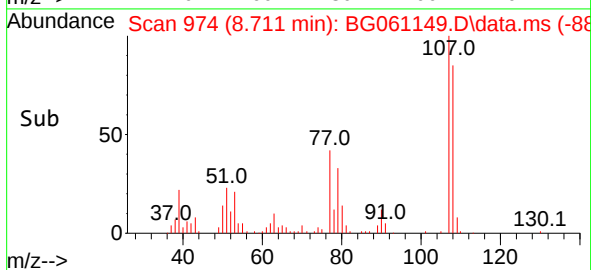
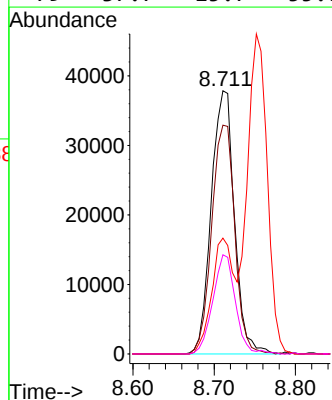
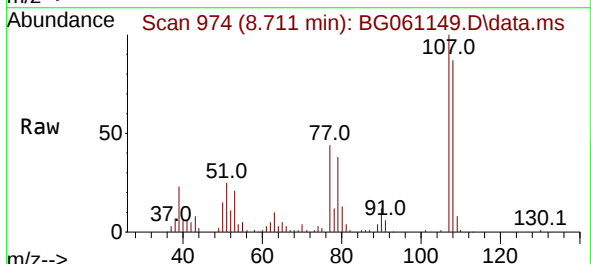
Instrument :
BNA_G
ClientSampleId :
PB160779BS

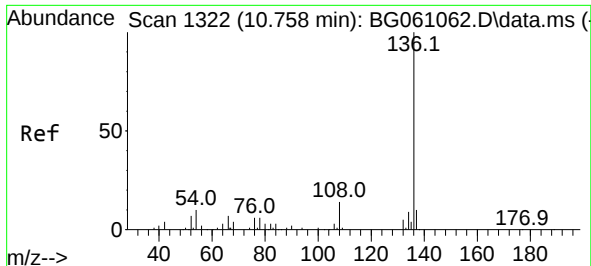
Tgt Ion: 70 Resp: 49169
Ion Ratio Lower Upper
70 100
42 92.0 86.4 129.6
101 9.3 7.8 11.8
130 18.0 19.0 28.4#



#20
3+4-Methylphenols
Concen: 45.286 ng
RT: 8.711 min Scan# 974
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion: 107 Resp: 74994
Ion Ratio Lower Upper
107 100
108 86.9 65.7 105.7
77 44.0 19.4 59.4
79 37.7 15.7 55.7

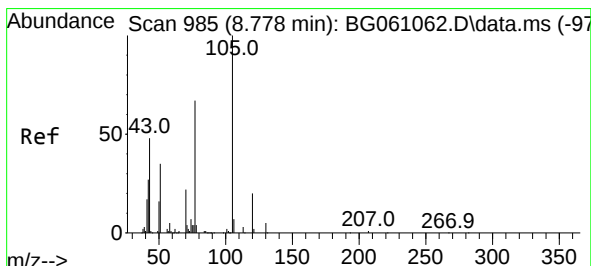
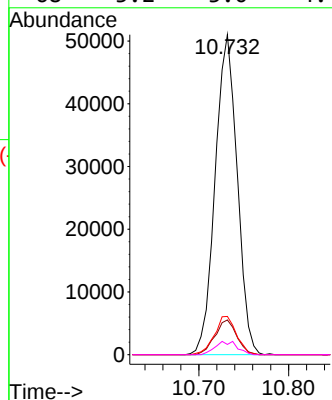
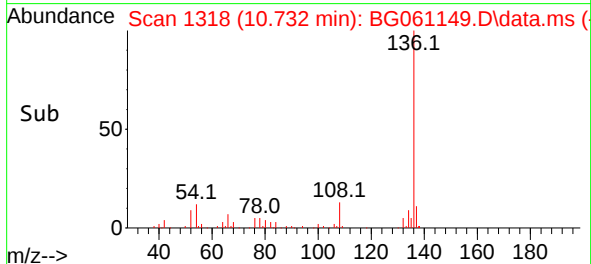
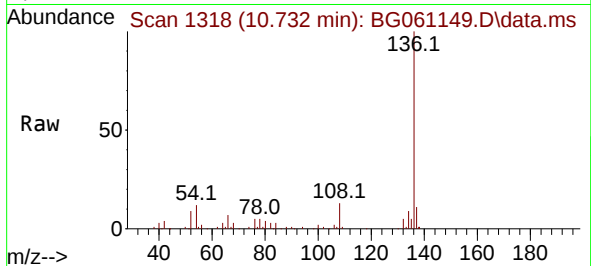




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

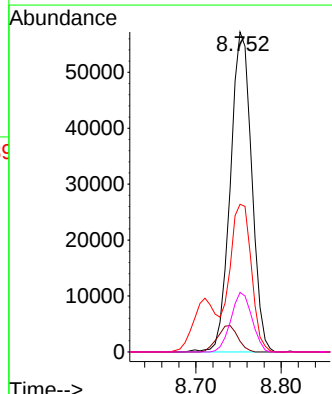
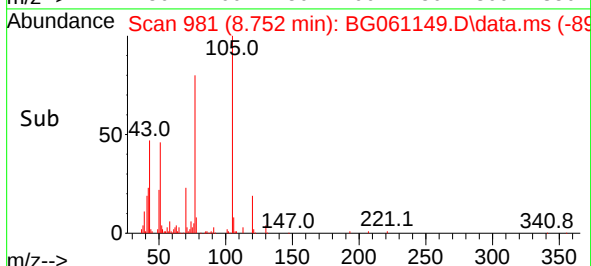
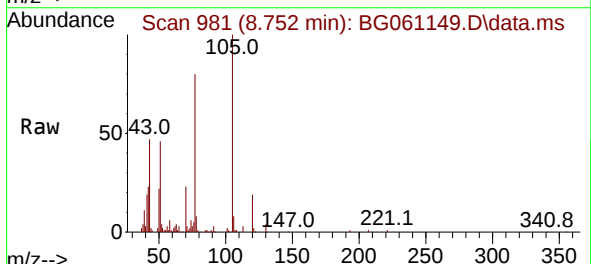
Instrument :
BNA_G
ClientSampleId :
PB160779BS

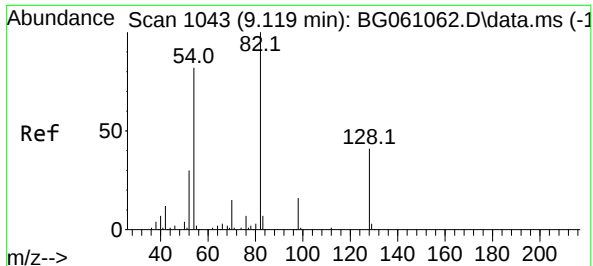
Tgt Ion:136	Resp:	86858	
Ion	Ratio	Lower	Upper
136	100		
137	10.8	7.8	11.6
54	12.0	8.1	12.1
68	3.2	3.0	4.4



#22
Acetophenone
Concen: 45.930 ng
RT: 8.752 min Scan# 981
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt	Ion:105	Resp:	99352
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.3	4.9
51	46.2	36.7	55.1
120	18.6	15.7	23.5





#23

Nitrobenzene-d5

Concen: 86.283 ng

RT: 9.093 min Scan# 1039

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

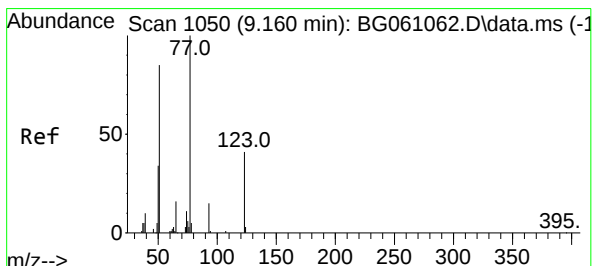
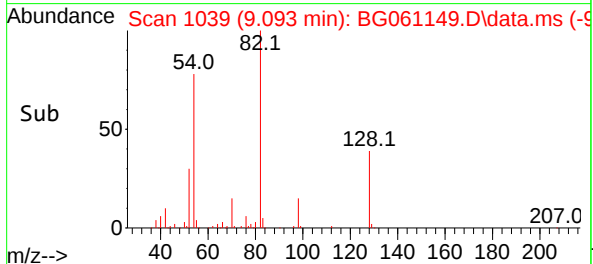
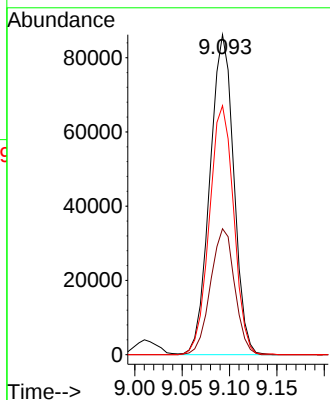
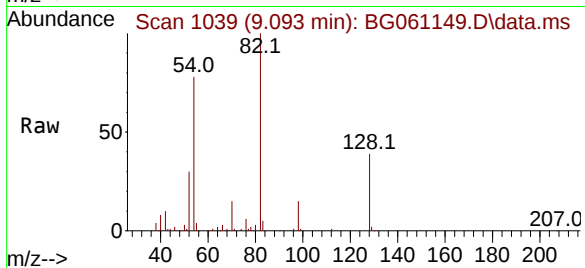
Tgt Ion: 82 Resp: 151181

Ion Ratio Lower Upper

82 100

128 39.4 32.7 49.1

54 77.8 65.6 98.4



#24

Nitrobenzene

Concen: 44.427 ng

RT: 9.134 min Scan# 1046

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

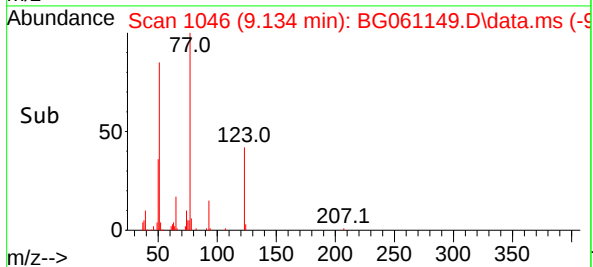
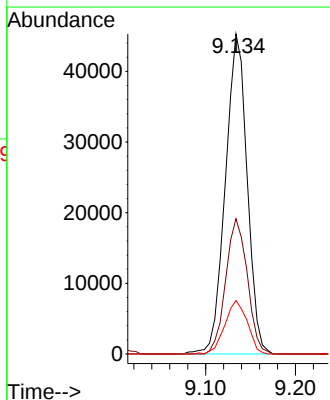
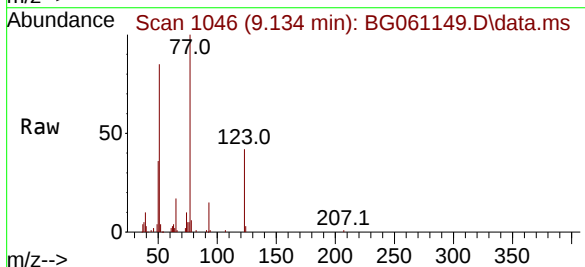
Tgt Ion: 77 Resp: 76151

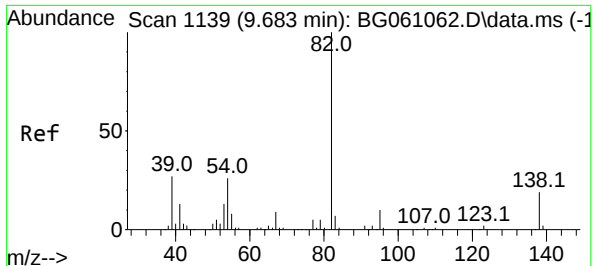
Ion Ratio Lower Upper

77 100

123 42.3 33.1 49.7

65 16.7 13.1 19.7

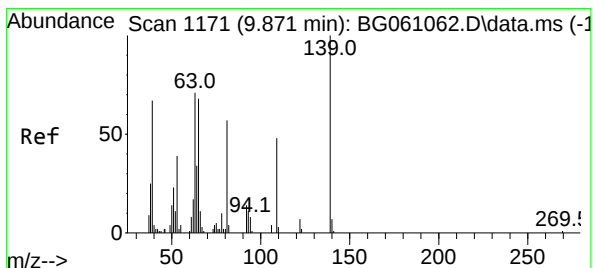
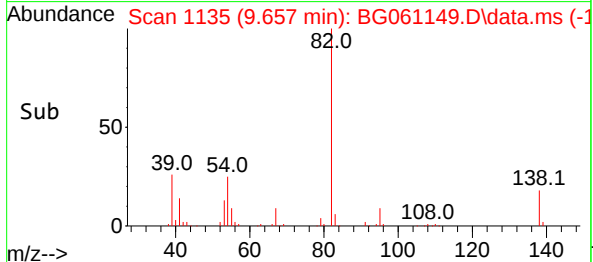
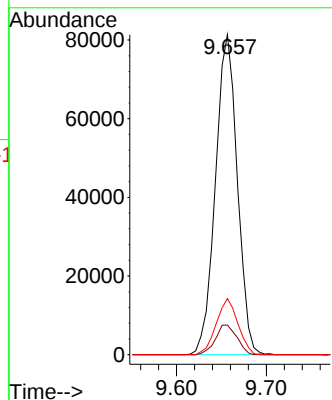
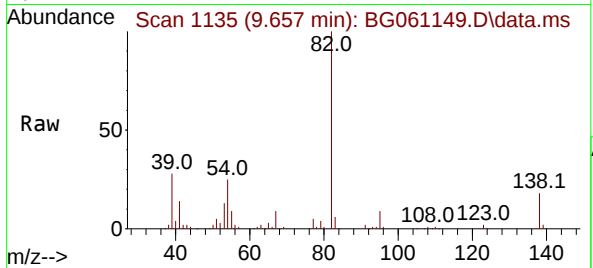




#25
Isophorone
Concen: 42.468 ng
RT: 9.657 min Scan# 1135
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

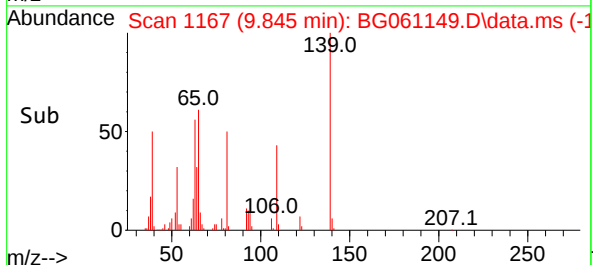
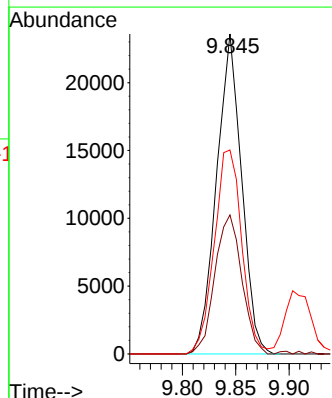
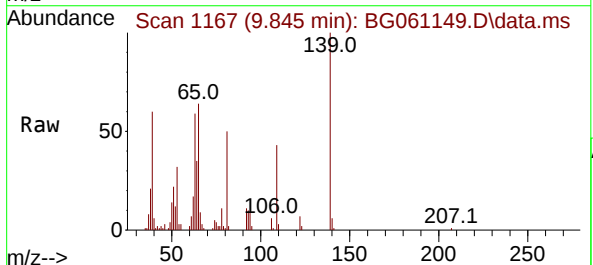
Instrument :
BNA_G
ClientSampleId :
PB160779BS

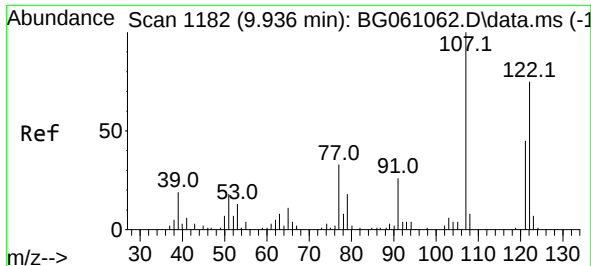
Tgt Ion: 82 Resp: 137547
Ion Ratio Lower Upper
82 100
95 9.3 8.3 12.5
138 17.6 15.2 22.8



#26
2-Nitrophenol
Concen: 47.396 ng
RT: 9.845 min Scan# 1167
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion: 139 Resp: 38491
Ion Ratio Lower Upper
139 100
109 43.5 38.5 57.7
65 63.8 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 51.856 ng

RT: 9.909 min Scan# 1182

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

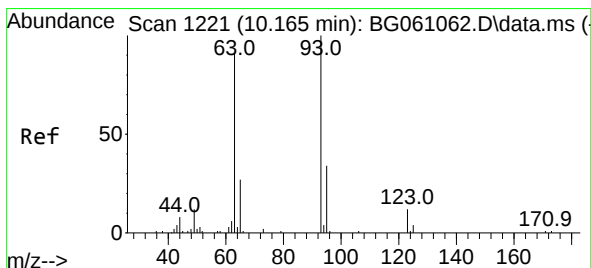
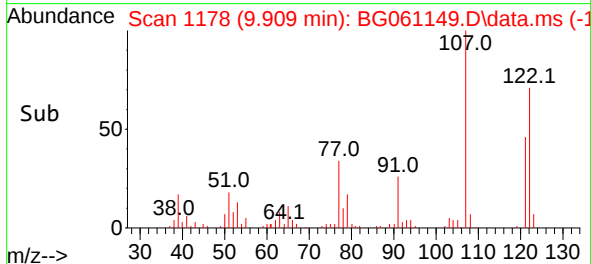
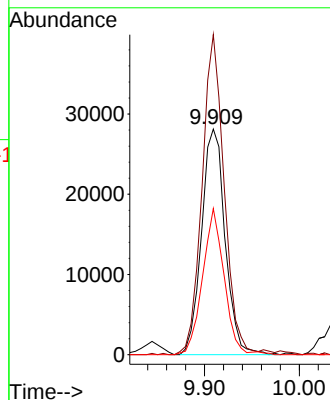
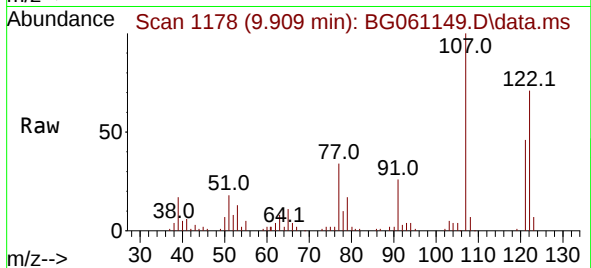
Tgt Ion:122 Resp: 48552

Ion Ratio Lower Upper

122 100

107 141.8 106.9 160.3

121 64.7 48.5 72.7



#28

bis(2-Chloroethoxy)methane

Concen: 47.013 ng

RT: 10.138 min Scan# 1217

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

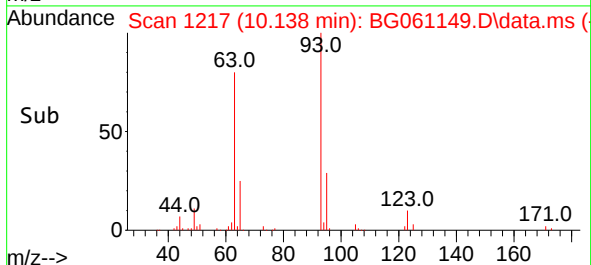
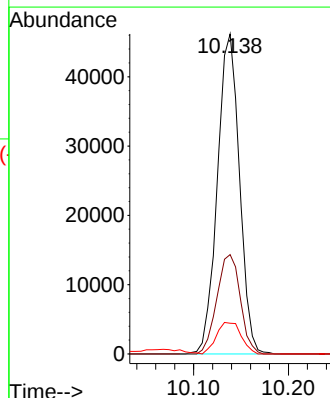
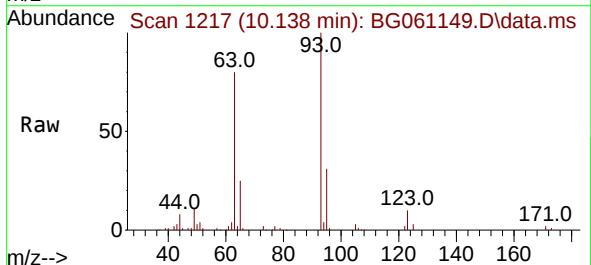
Tgt Ion: 93 Resp: 74731

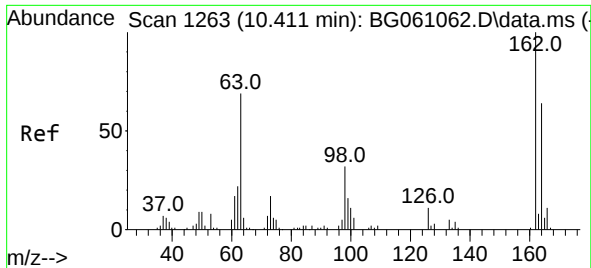
Ion Ratio Lower Upper

93 100

95 31.1 27.4 41.0

123 9.6 9.7 14.5#





#29

2,4-Dichlorophenol

Concen: 48.675 ng

RT: 10.385 min Scan# 1259

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

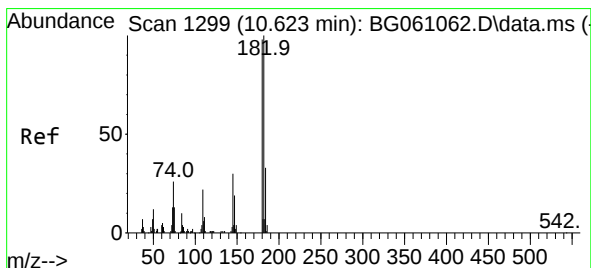
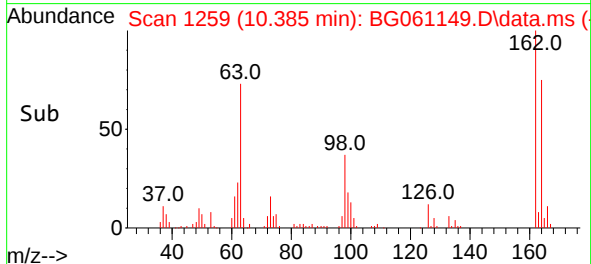
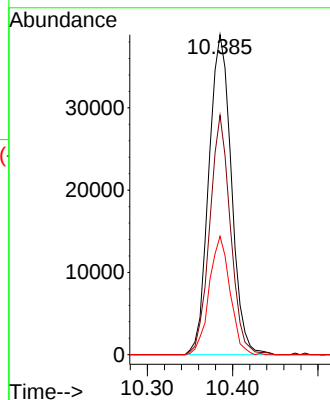
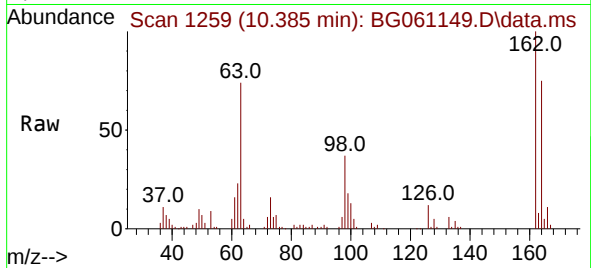
Tgt Ion:162 Resp: 71407

Ion Ratio Lower Upper

162 100

164 74.8 43.6 83.6

98 37.0 12.3 52.3



#30

1,2,4-Trichlorobenzene

Concen: 43.930 ng

RT: 10.597 min Scan# 1295

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

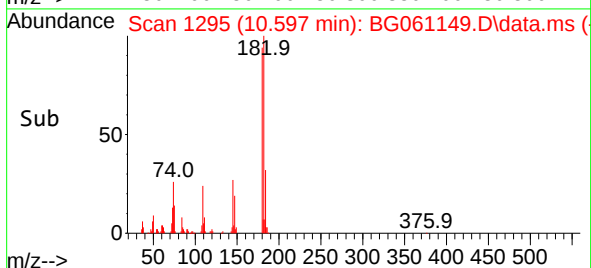
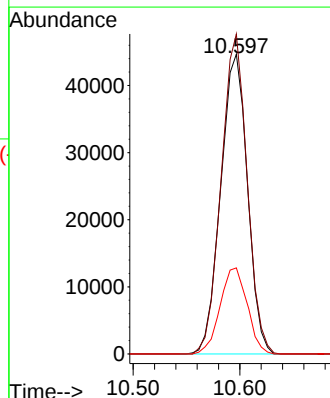
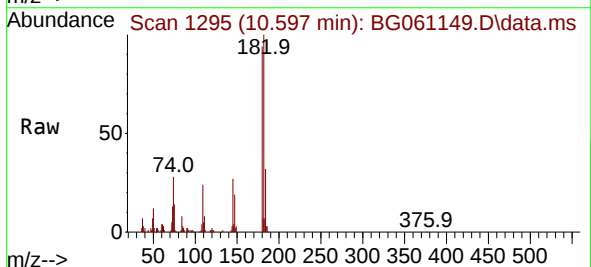
Tgt Ion:180 Resp: 77652

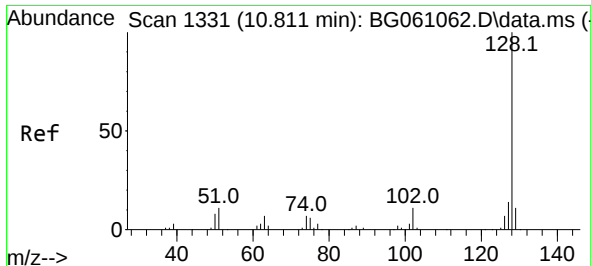
Ion Ratio Lower Upper

180 100

182 106.7 81.7 122.5

145 28.7 24.5 36.7

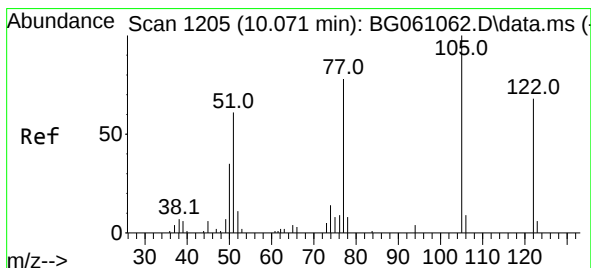
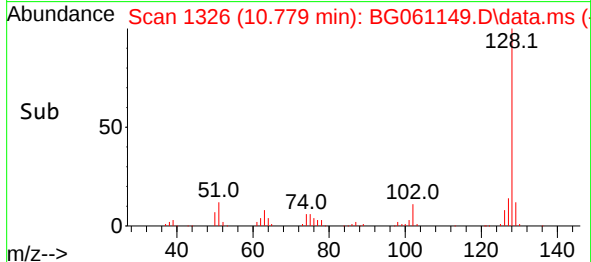
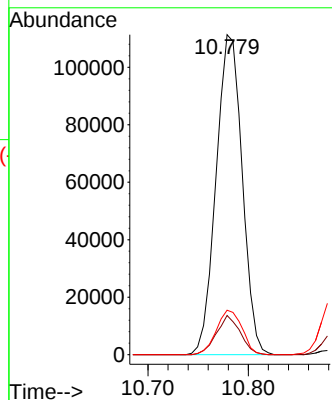
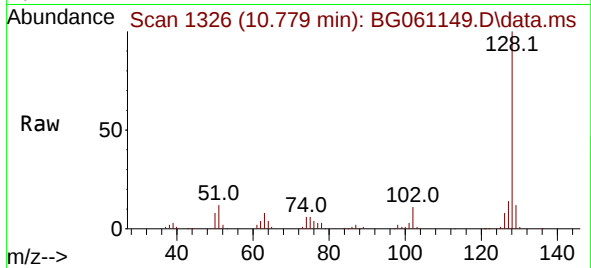




#31
Naphthalene
Concen: 44.616 ng
RT: 10.779 min Scan# 11
Delta R.T. -0.032 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

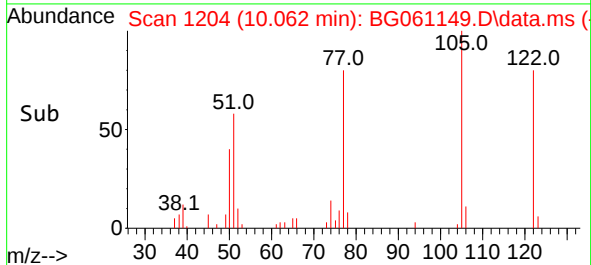
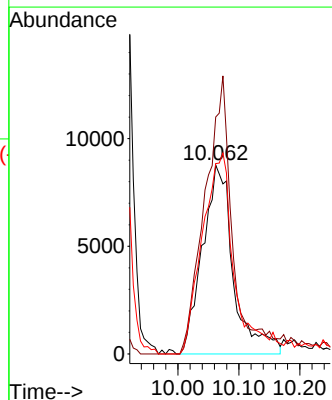
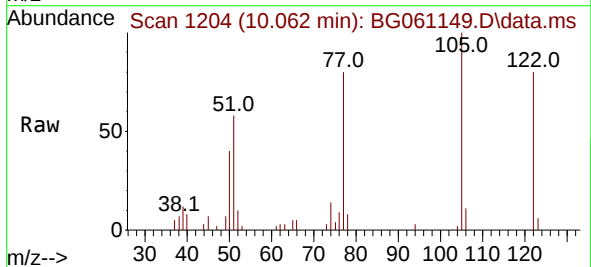
Instrument :
BNA_G
ClientSampleId :
PB160779BS

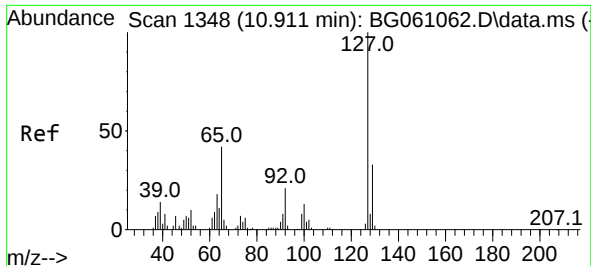
Tgt Ion:128 Resp: 201404
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 28.446 ng
RT: 10.062 min Scan# 1204
Delta R.T. -0.009 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:122 Resp: 30788
Ion Ratio Lower Upper
122 100
105 125.5 123.3 163.3
77 100.8 93.2 133.2

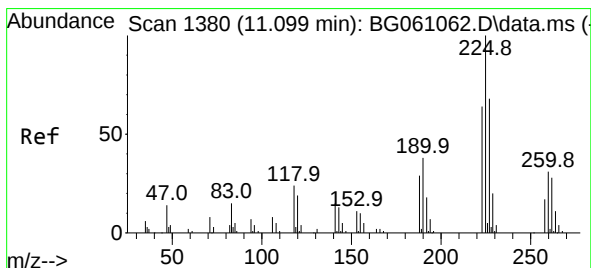
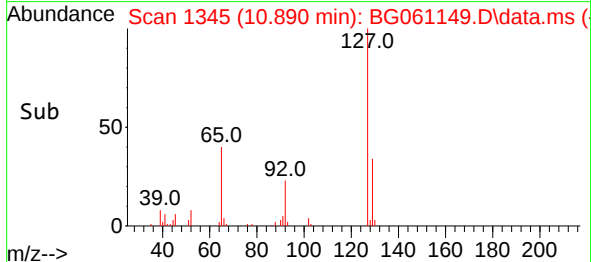
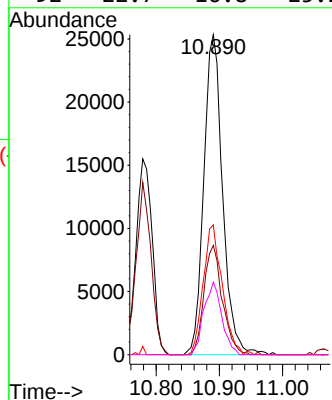
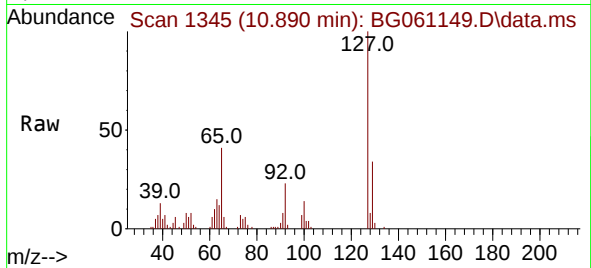




#33
4-Chloroaniline
Concen: 29.138 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

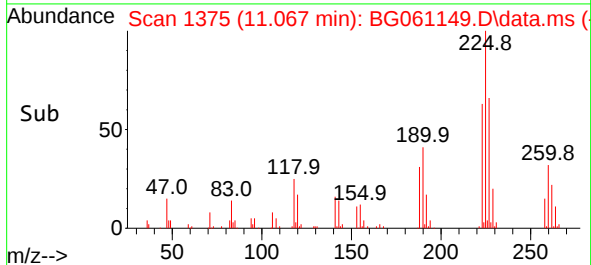
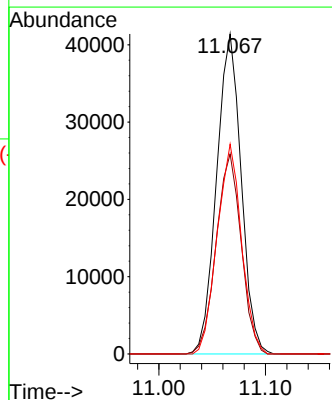
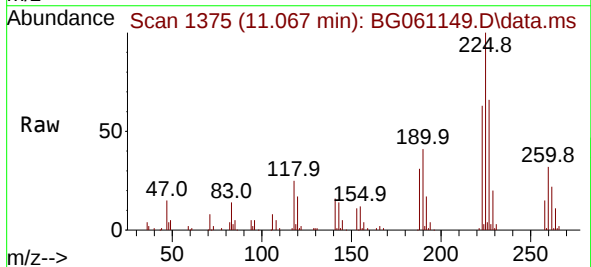
Instrument :
BNA_G
ClientSampleId :
PB160779BS

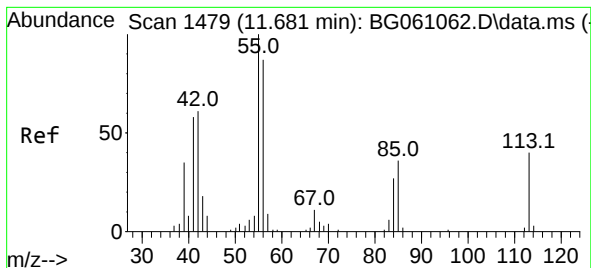
Tgt Ion:127	Resp:	52458
Ion Ratio	Lower	Upper
127	100	
129	34.2	26.6 39.8
65	40.5	33.6 50.4
92	22.7	16.8 25.2



#34
Hexachlorobutadiene
Concen: 43.654 ng
RT: 11.067 min Scan# 1375
Delta R.T. -0.032 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:225	Resp:	66209
Ion Ratio	Lower	Upper
225	100	
223	62.5	51.0 76.4
227	68.6	54.6 82.0





#35

Caprolactam

Concen: 27.685 ng

RT: 11.672 min Scan# 1479

Delta R.T. -0.009 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

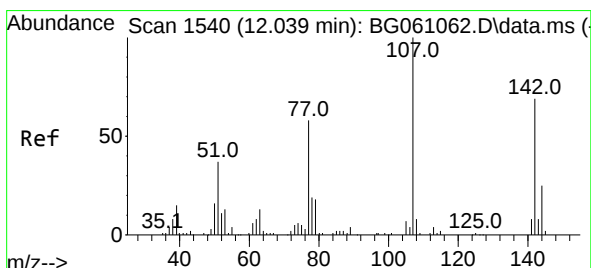
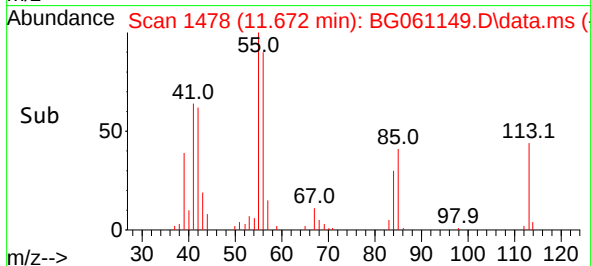
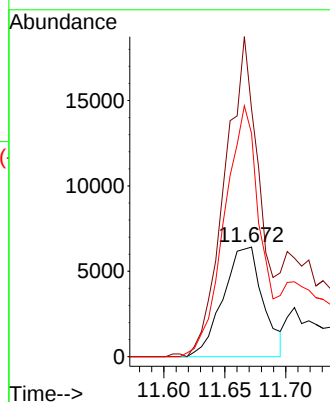
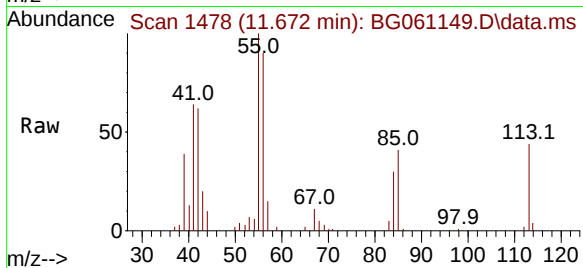
Tgt Ion:113 Resp: 14626

Ion Ratio Lower Upper

113 100

55 225.8 227.6 267.6#

56 203.6 195.1 235.1



#36

4-Chloro-3-methylphenol

Concen: 45.373 ng

RT: 12.024 min Scan# 1538

Delta R.T. -0.015 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

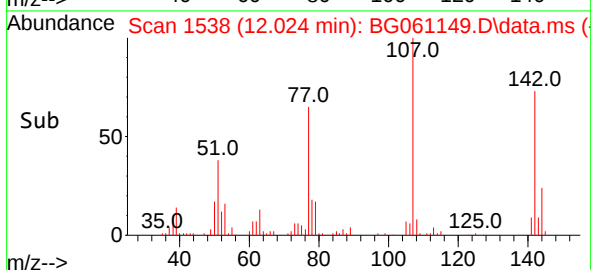
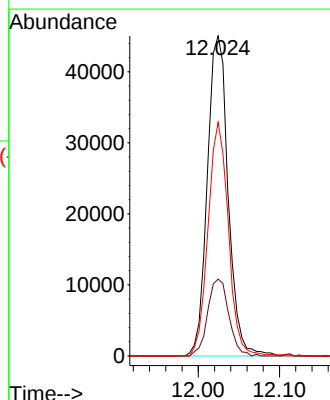
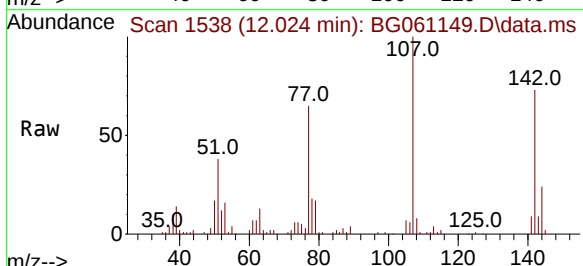
Tgt Ion:107 Resp: 80264

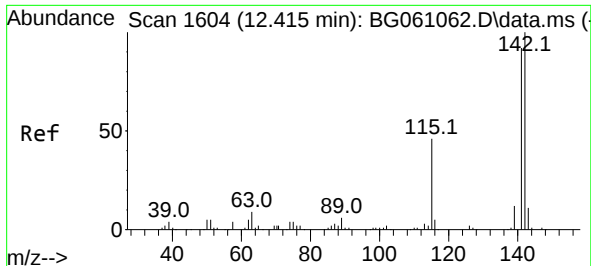
Ion Ratio Lower Upper

107 100

144 24.0 20.2 30.4

142 73.0 55.6 83.4

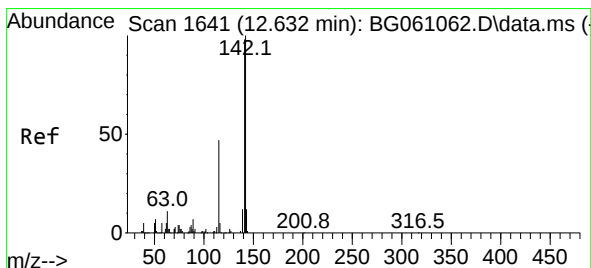
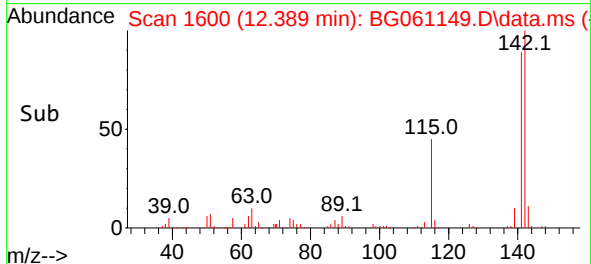
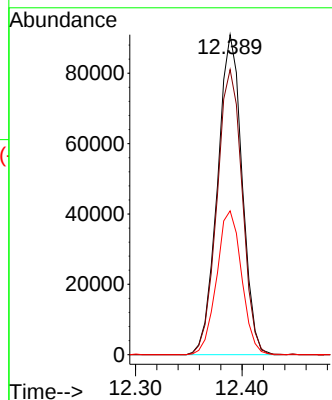
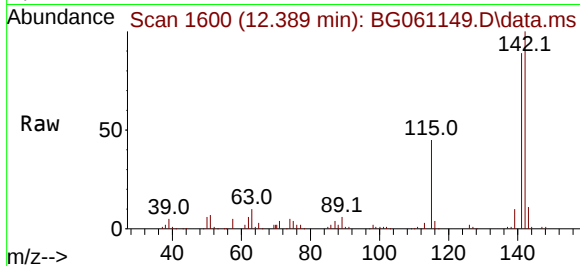




#37
2-Methylnaphthalene
Concen: 43.060 ng
RT: 12.389 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

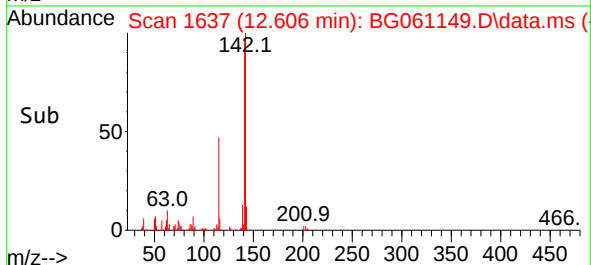
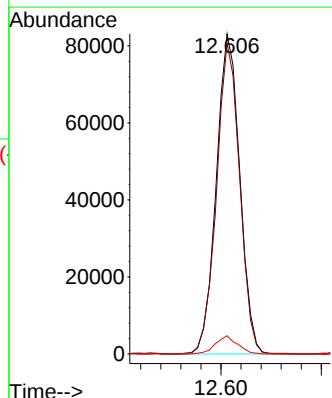
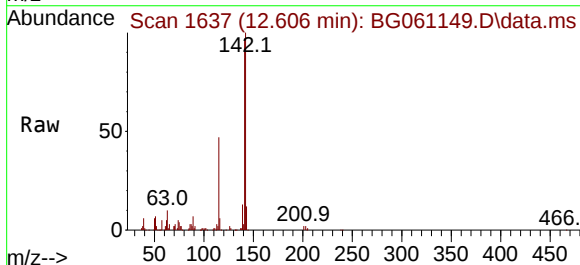
Instrument :
BNA_G
ClientSampleId :
PB160779BS

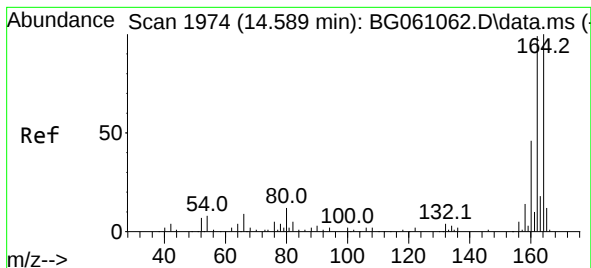
Tgt Ion:142 Resp: 145661
Ion Ratio Lower Upper
142 100
141 89.1 73.8 110.8
115 44.9 36.9 55.3



#38
1-Methylnaphthalene
Concen: 39.527 ng
RT: 12.606 min Scan# 1637
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:142 Resp: 134611
Ion Ratio Lower Upper
142 100
141 97.2 78.4 117.6
116 5.7 4.3 6.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.020 min

Lab File: BG061149.D

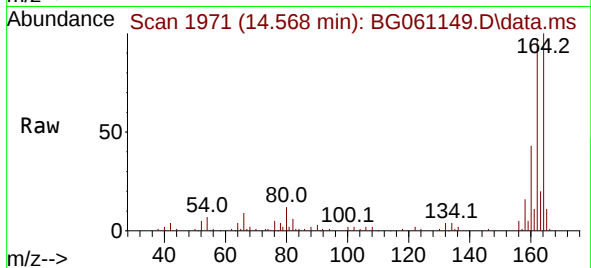
Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS



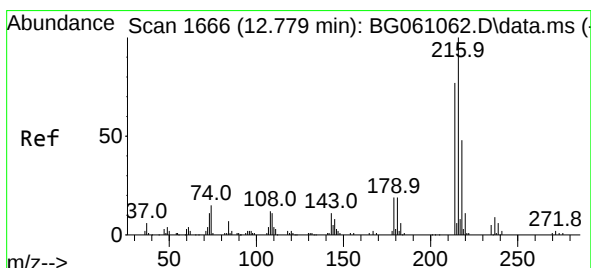
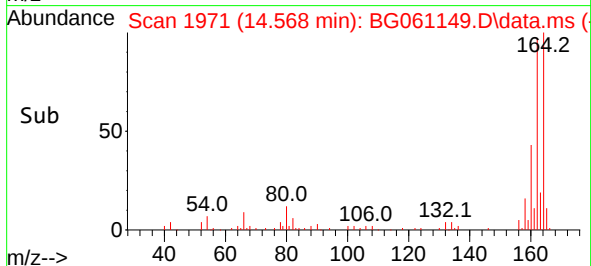
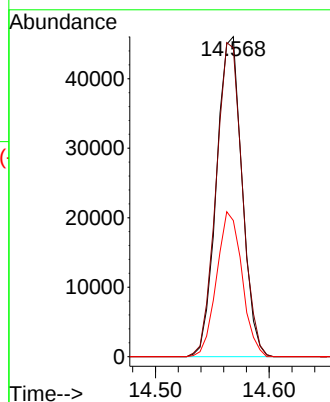
Tgt Ion:164 Resp: 71759

Ion Ratio Lower Upper

164 100

162 96.5 79.4 119.2

160 42.6 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.944 ng

RT: 12.759 min Scan# 1663

Delta R.T. -0.020 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Tgt Ion:216 Resp: 117212

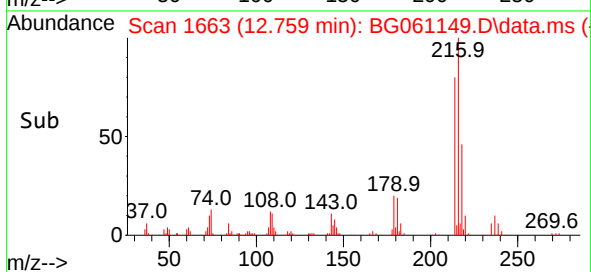
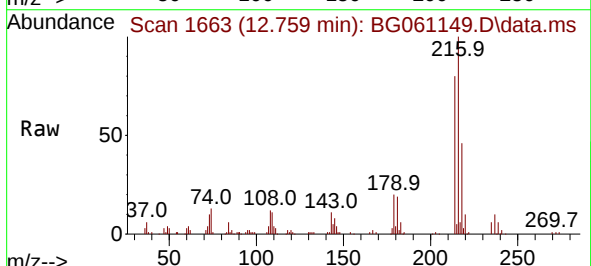
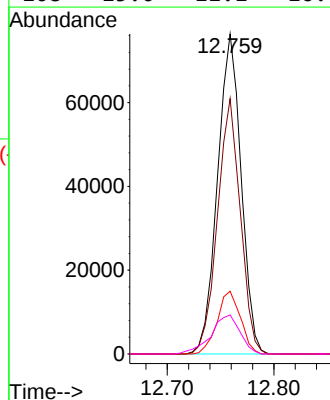
Ion Ratio Lower Upper

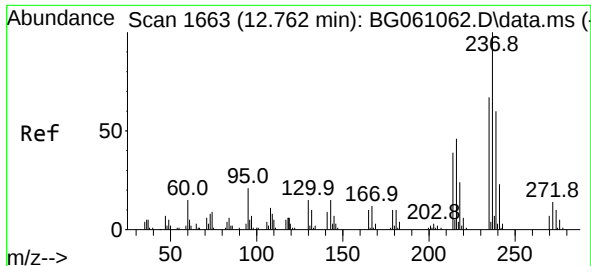
216 100

214 77.2 64.2 96.2

179 19.4 15.4 23.2

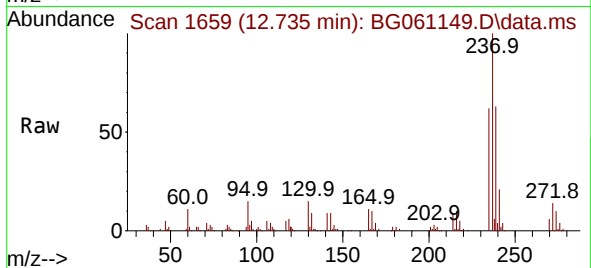
108 15.0 11.1 16.7



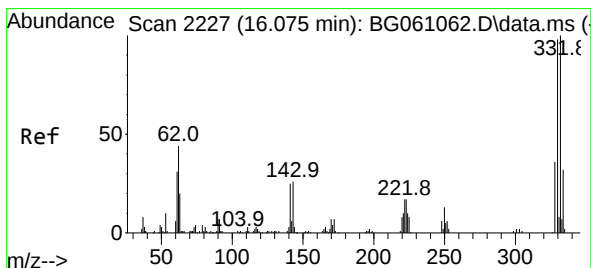
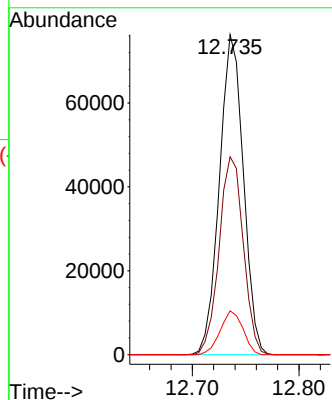
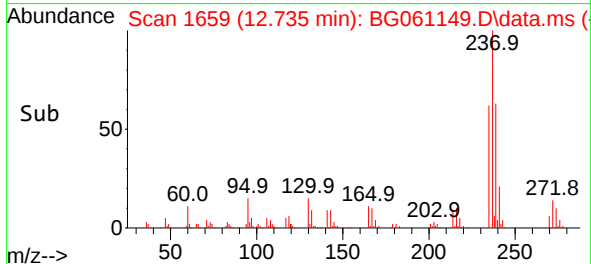


#41
Hexachlorocyclopentadiene
Concen: 129.675 ng
RT: 12.735 min Scan# 1659
Delta R.T. -0.026 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Instrument :
BNA_G
ClientSampleId :
PB160779BS

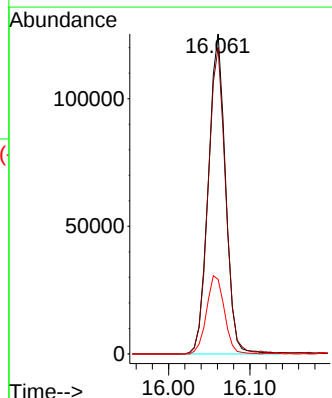
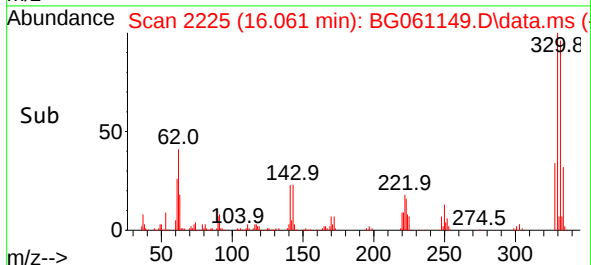
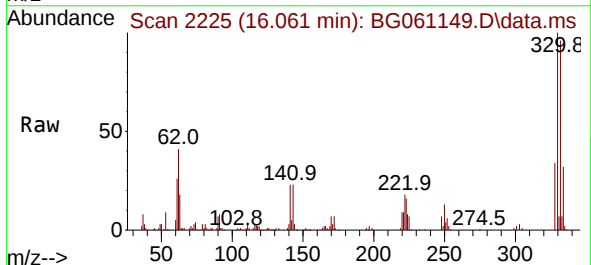


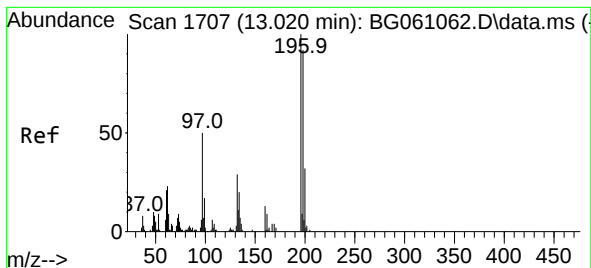
Tgt Ion:237 Resp: 118882
Ion Ratio Lower Upper
237 100
235 61.8 46.5 86.5
272 13.7 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 128.511 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:330 Resp: 184328
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 25.3 20.5 30.7





#43

2,4,6-Trichlorophenol

Concen: 47.246 ng

RT: 13.000 min Scan# 1

Delta R.T. -0.020 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

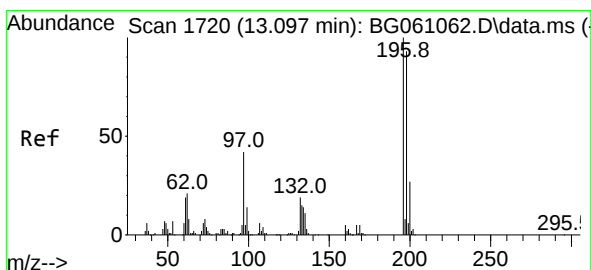
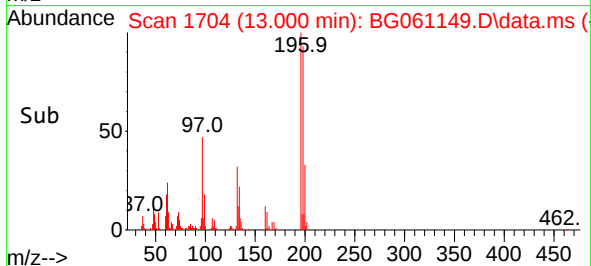
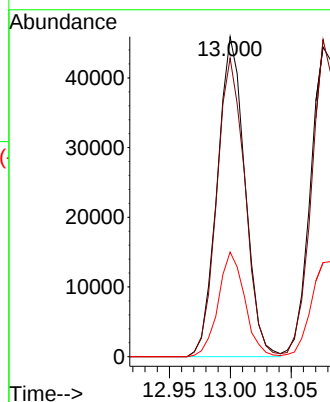
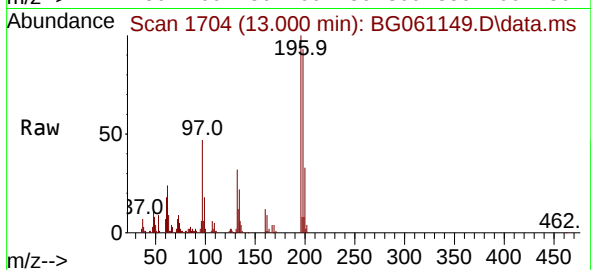
Tgt Ion:196 Resp: 72640

Ion Ratio Lower Upper

196 100

198 93.3 73.8 110.6

200 32.7 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.387 ng

RT: 13.076 min Scan# 1717

Delta R.T. -0.020 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Tgt Ion:196 Resp: 77237

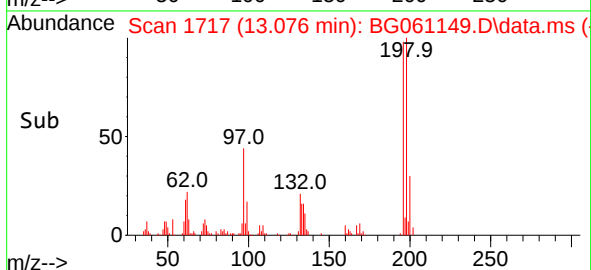
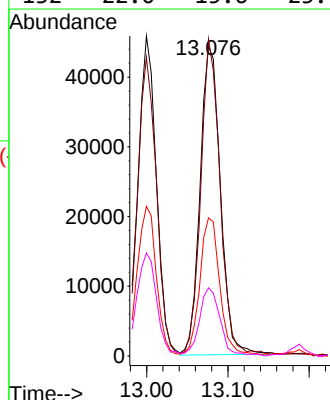
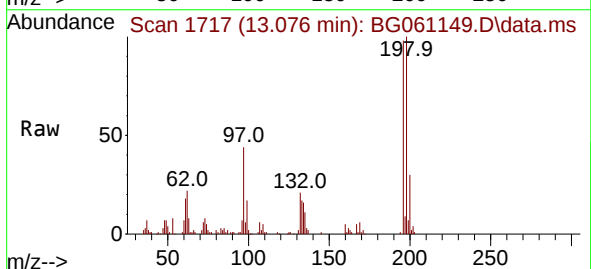
Ion Ratio Lower Upper

196 100

198 102.4 74.3 111.5

97 44.6 33.6 50.4

132 22.0 15.6 23.4

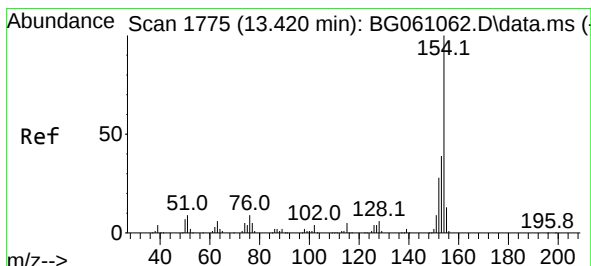
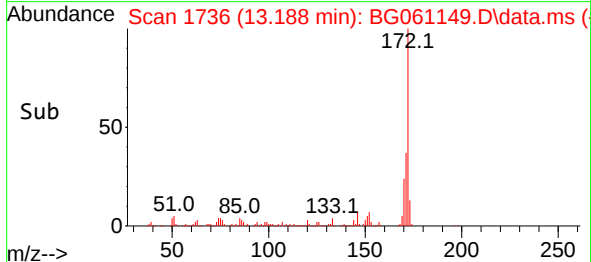
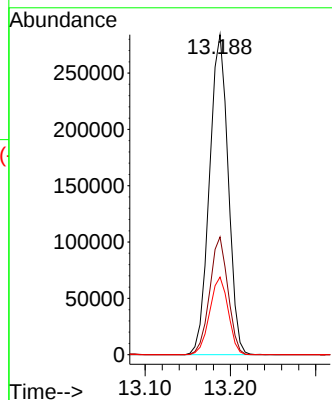
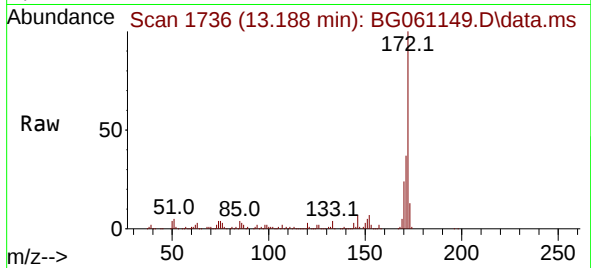




#45
2-Fluorobiphenyl
Concen: 89.049 ng
RT: 13.188 min Scan# 1736
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

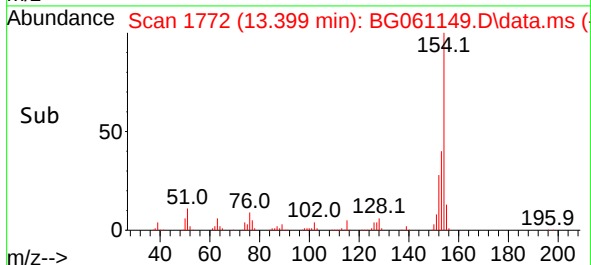
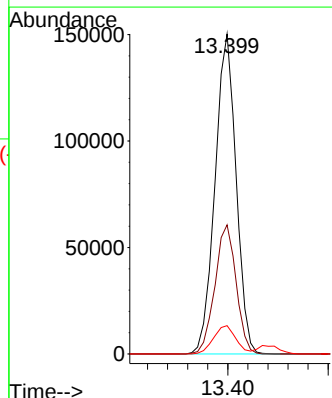
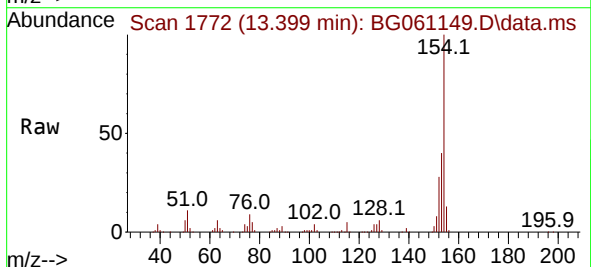
Instrument :
BNA_G
ClientSampleId :
PB160779BS

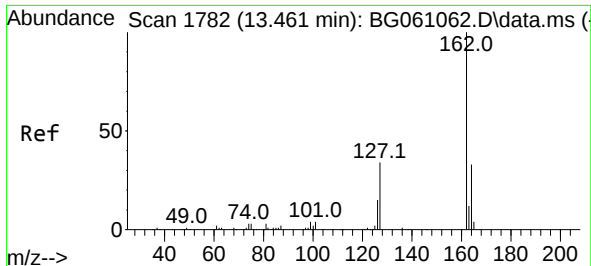
Tgt Ion:172 Resp: 432138
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 24.3 20.2 30.4



#46
1,1'-Biphenyl
Concen: 47.485 ng
RT: 13.399 min Scan# 1772
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:154 Resp: 218480
Ion Ratio Lower Upper
154 100
153 40.4 19.3 59.3
76 8.9 0.0 28.8

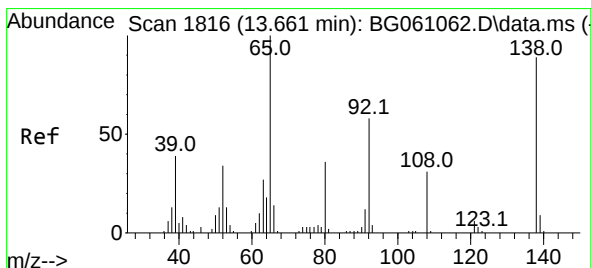
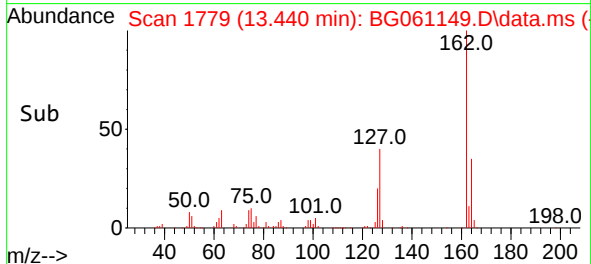
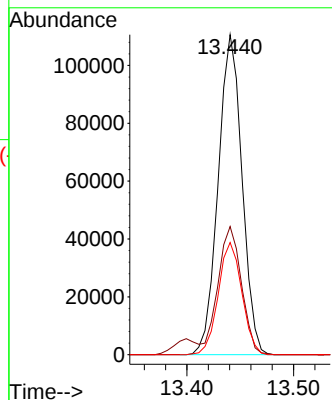
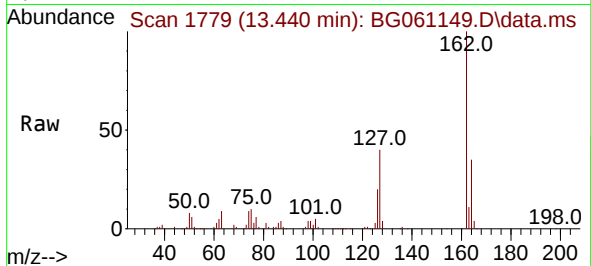




#47
2-Chloronaphthalene
Concen: 46.610 ng
RT: 13.440 min Scan# 1782
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

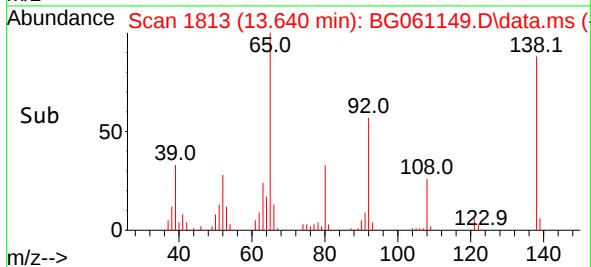
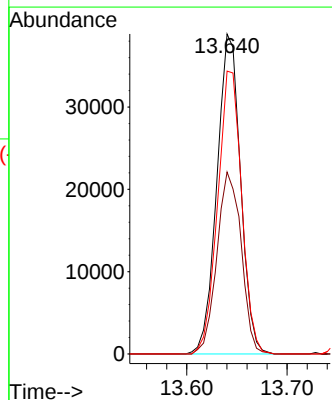
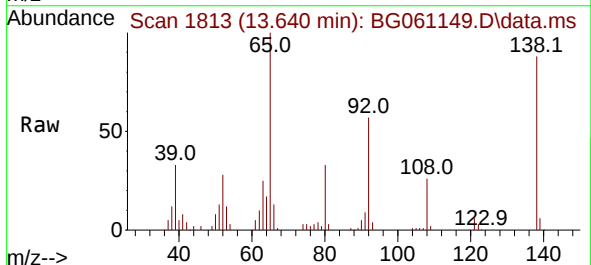
Instrument :
BNA_G
ClientSampleId :
PB160779BS

Tgt Ion:162 Resp: 171725
Ion Ratio Lower Upper
162 100
127 40.0 30.7 46.1
164 35.0 26.8 40.2



#48
2-Nitroaniline
Concen: 46.430 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

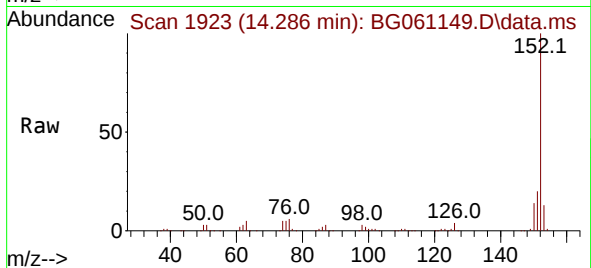
Tgt Ion: 65 Resp: 63478
Ion Ratio Lower Upper
65 100
92 56.9 46.7 70.1
138 88.4 71.4 107.2



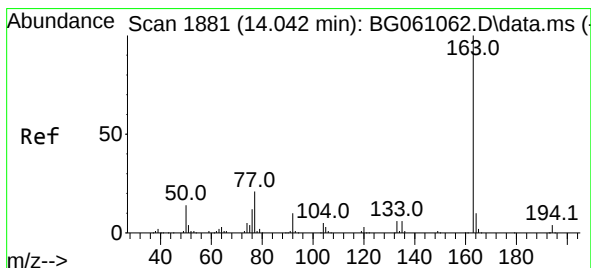
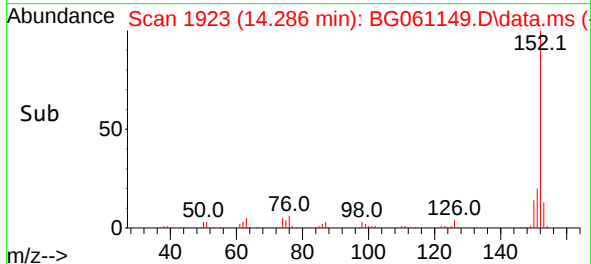
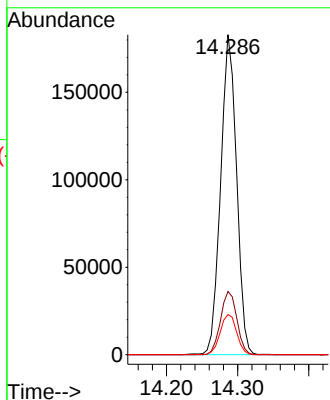


#49
Acenaphthylene
Concen: 50.069 ng
RT: 14.286 min Scan# 1923
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Instrument :
BNA_G
ClientSampleId :
PB160779BS

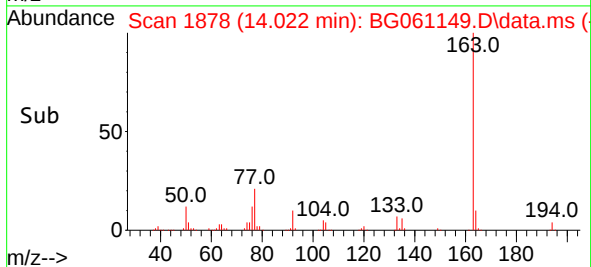
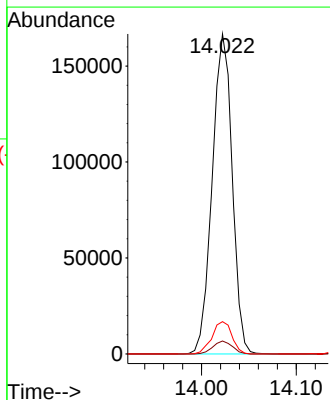
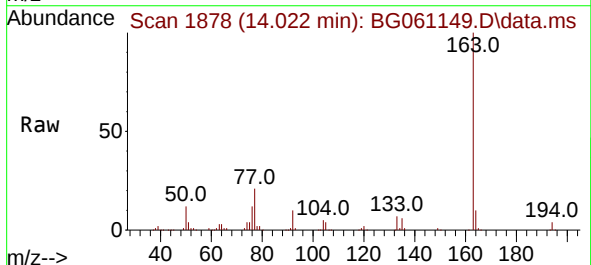


Tgt Ion:152 Resp: 283327
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 12.6 10.6 15.8



#50
Dimethylphthalate
Concen: 44.011 ng
RT: 14.022 min Scan# 1878
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:163 Resp: 243933
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.8 11.8

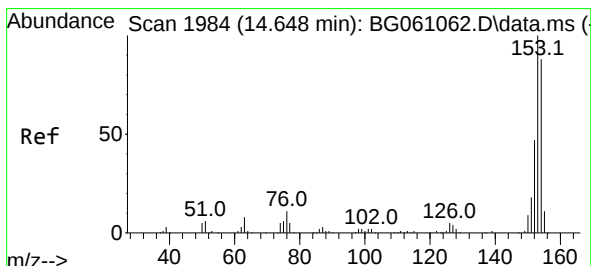
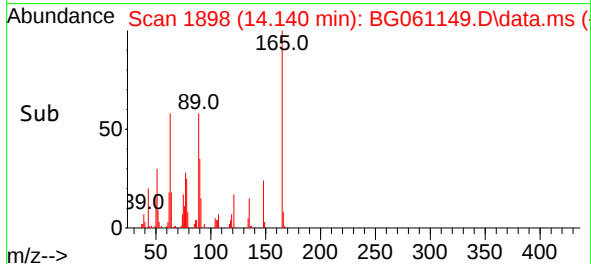
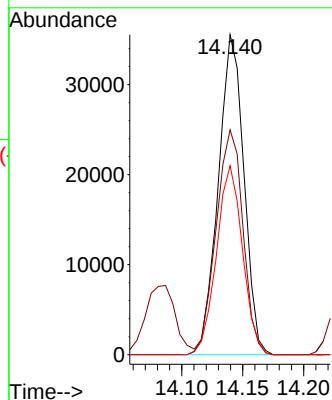
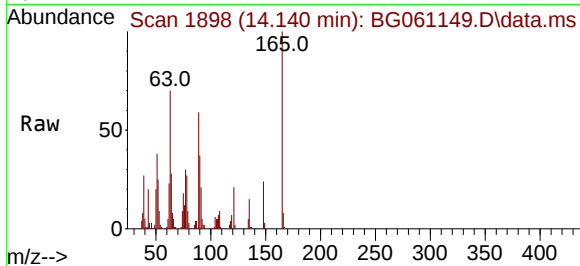




#51
2,6-Dinitrotoluene
Concen: 43.868 ng
RT: 14.140 min Scan# 1898
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

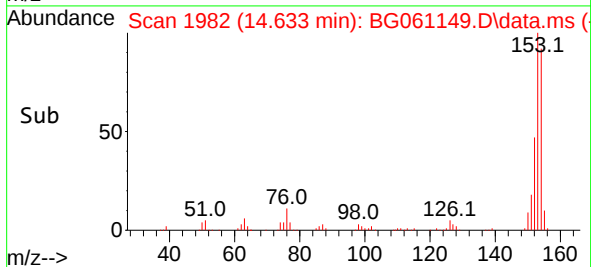
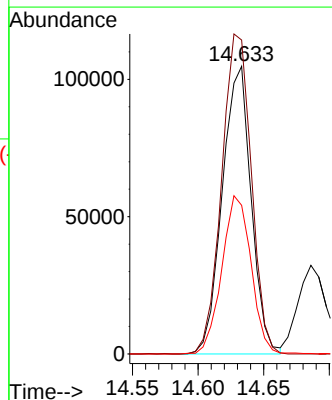
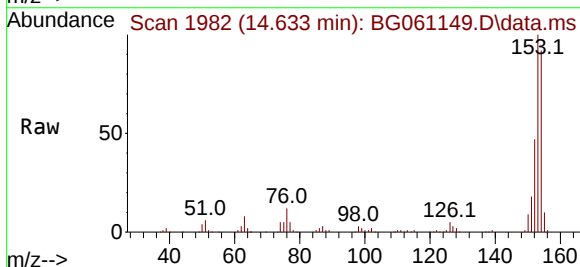
Instrument :
BNA_G
ClientSampleId :
PB160779BS

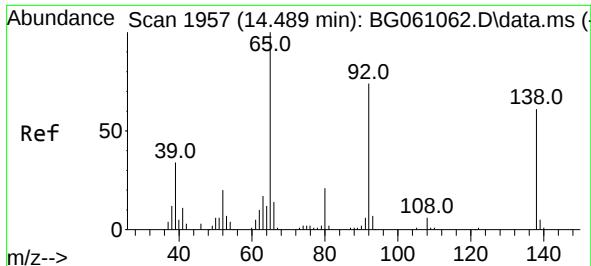
Tgt Ion:165 Resp: 52007
Ion Ratio Lower Upper
165 100
63 70.2 60.0 90.0
89 59.0 50.9 76.3



#52
Acenaphthene
Concen: 45.446 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:154 Resp: 160425
Ion Ratio Lower Upper
154 100
153 109.1 91.0 136.4
152 51.7 43.1 64.7

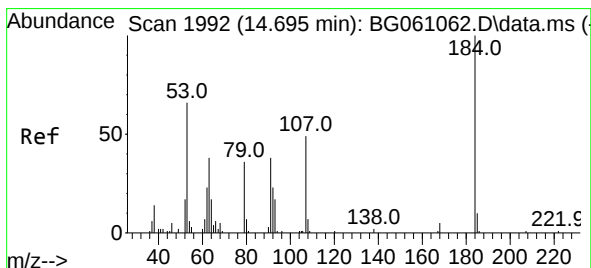
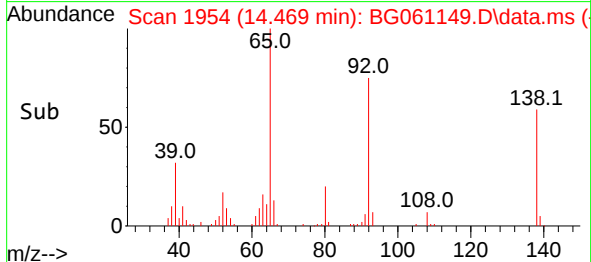
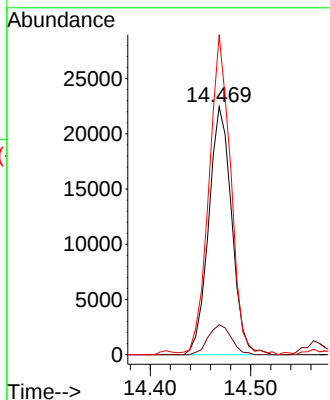
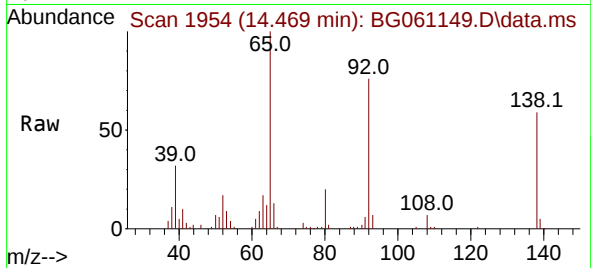




#53
3-Nitroaniline
Concen: 32.941 ng
RT: 14.469 min Scan# 1954
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

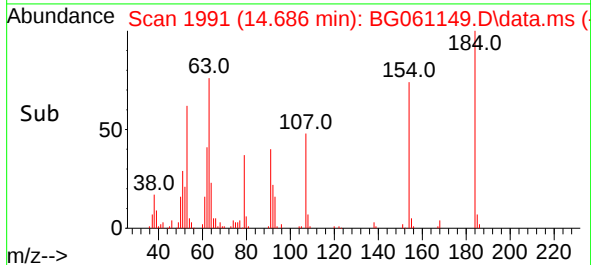
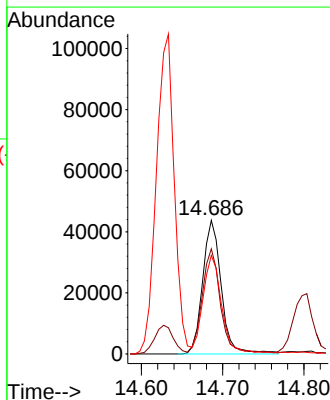
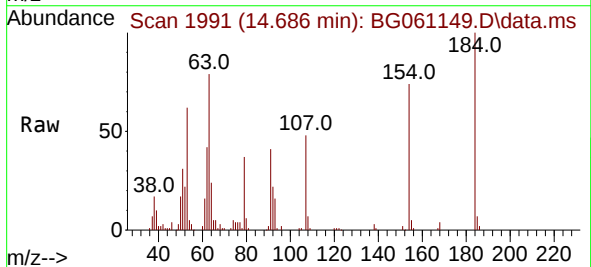
Instrument :
BNA_G
ClientSampleId :
PB160779BS

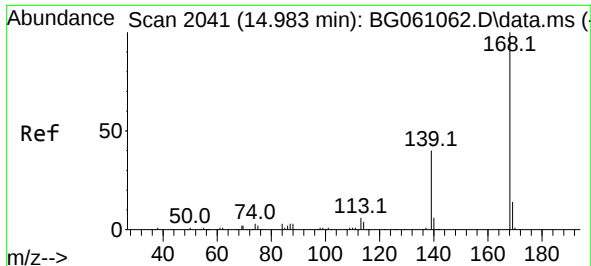
Tgt Ion:138 Resp: 35733
Ion Ratio Lower Upper
138 100
108 12.1 8.2 12.2
92 129.1 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 82.737 ng
RT: 14.686 min Scan# 1991
Delta R.T. -0.009 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

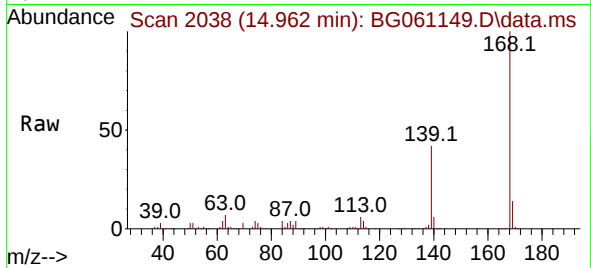
Tgt Ion:184 Resp: 69597
Ion Ratio Lower Upper
184 100
63 78.7 62.6 93.8
154 73.8 61.4 92.0



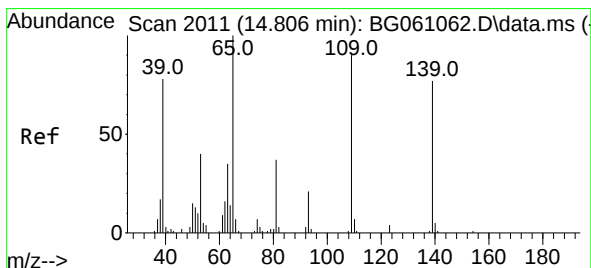
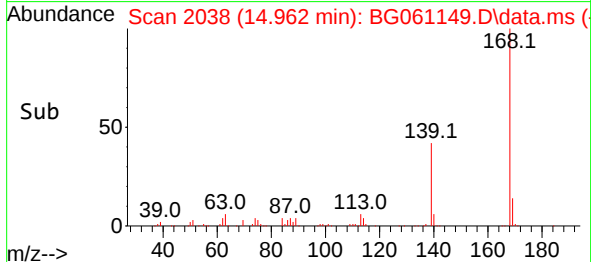
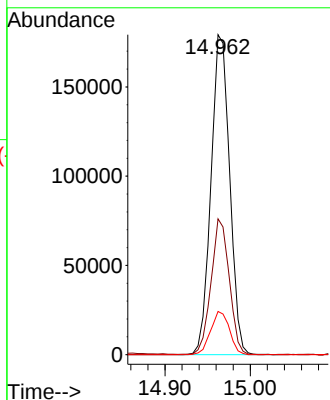


#55
Dibenzofuran
Concen: 45.828 ng
RT: 14.962 min Scan# 2041
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Instrument :
BNA_G
ClientSampleId :
PB160779BS

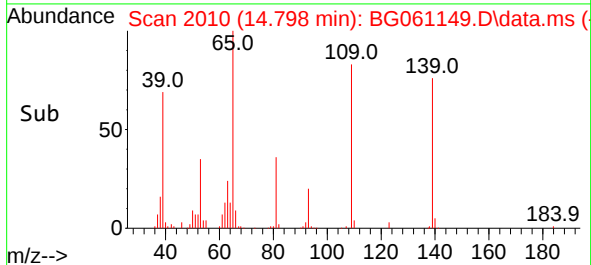
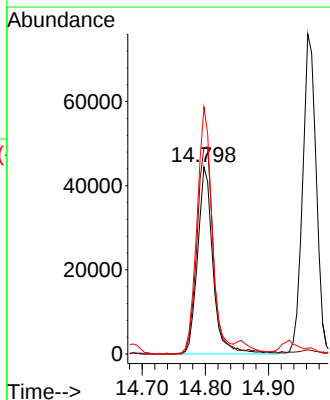
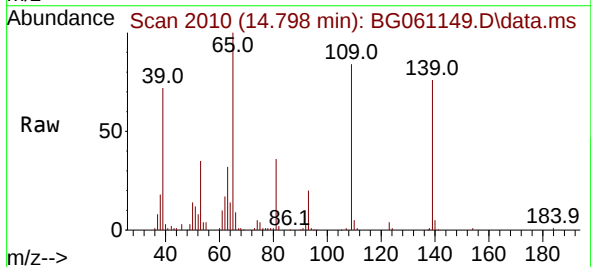


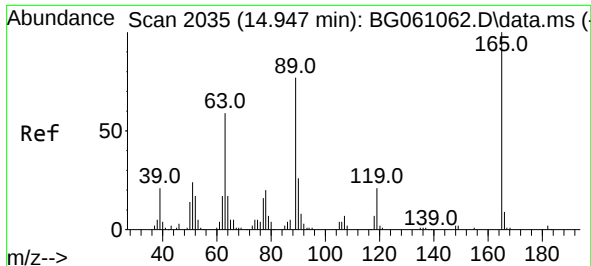
Tgt Ion:168 Resp: 273252
Ion Ratio Lower Upper
168 100
139 42.4 32.2 48.4
169 13.5 11.4 17.2



#56
4-Nitrophenol
Concen: 85.728 ng
RT: 14.798 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

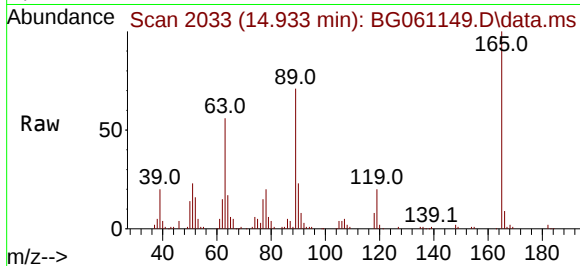
Tgt Ion:139 Resp: 75154
Ion Ratio Lower Upper
139 100
109 110.4 97.7 137.7
65 132.0 110.7 150.7



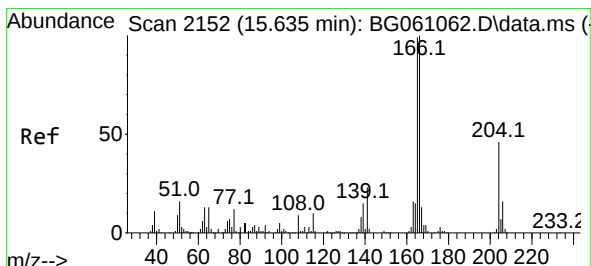
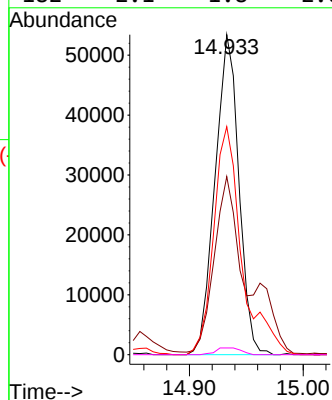
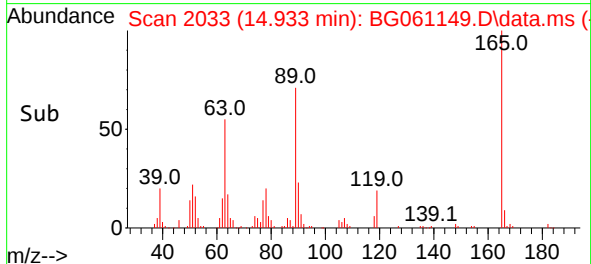


#57
2,4-Dinitrotoluene
Concen: 44.349 ng
RT: 14.933 min Scan# 2033
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

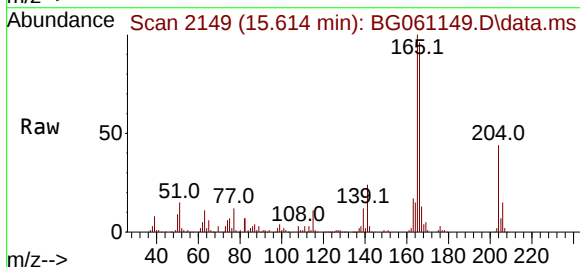
Instrument :
BNA_G
ClientSampleId :
PB160779BS



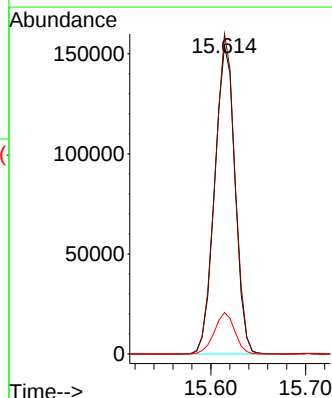
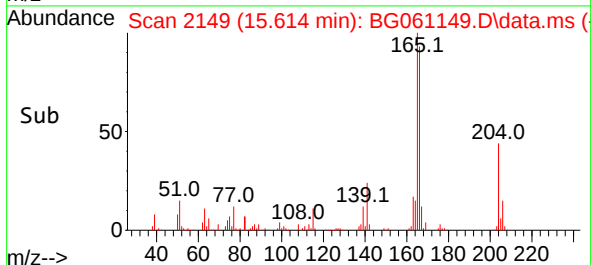
Tgt Ion:165 Resp: 77787
Ion Ratio Lower Upper
165 100
63 55.7 47.3 70.9
89 71.3 61.8 92.8
182 2.1 1.8 2.6

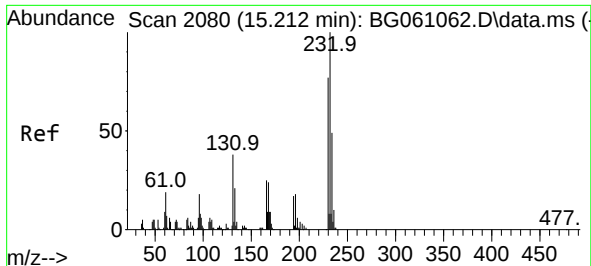


#58
Fluorene
Concen: 44.551 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54



Tgt Ion:166 Resp: 229862
Ion Ratio Lower Upper
166 100
165 103.9 78.9 118.3
167 13.5 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.370 ng

RT: 15.115 min Scan# 2080

Delta R.T. -0.097 min

Lab File: BG061149.D

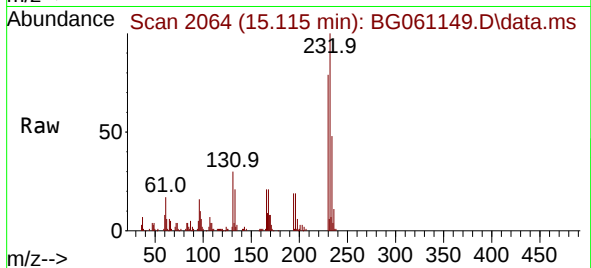
Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS



Tgt Ion:232 Resp: 75895

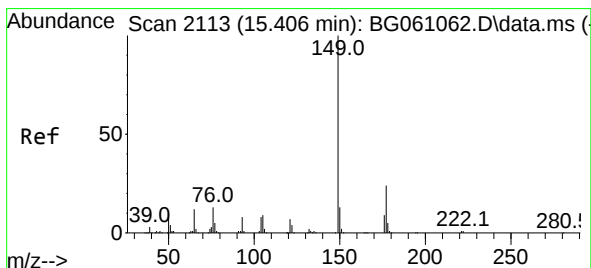
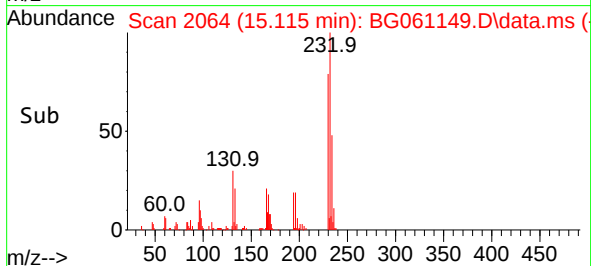
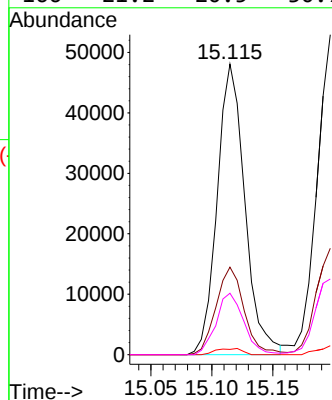
Ion Ratio Lower Upper

232 100

131 30.7 27.0 40.4

130 2.0 1.7 2.5

166 21.2 20.5 30.7



#60

Diethylphthalate

Concen: 43.968 ng

RT: 15.385 min Scan# 2110

Delta R.T. -0.020 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

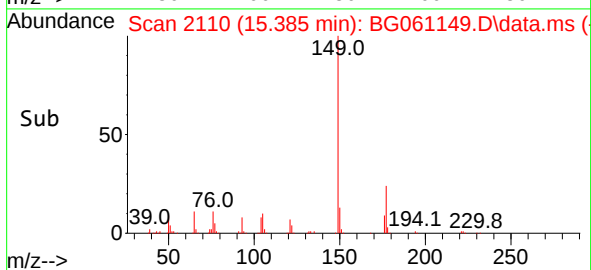
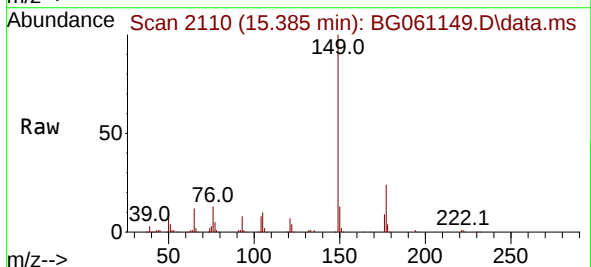
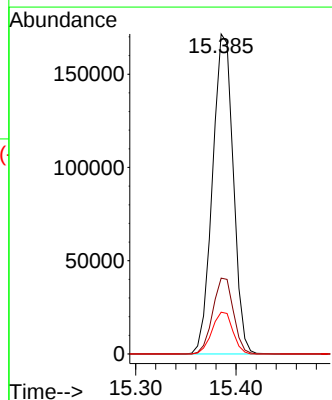
Tgt Ion:149 Resp: 245748

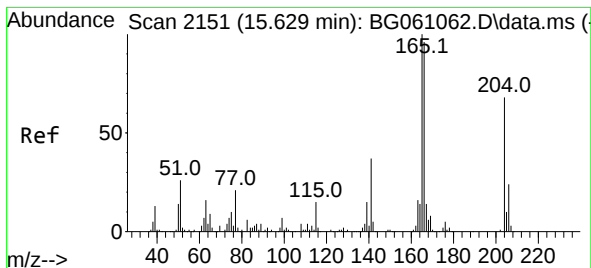
Ion Ratio Lower Upper

149 100

177 23.7 19.1 28.7

150 13.1 10.6 16.0

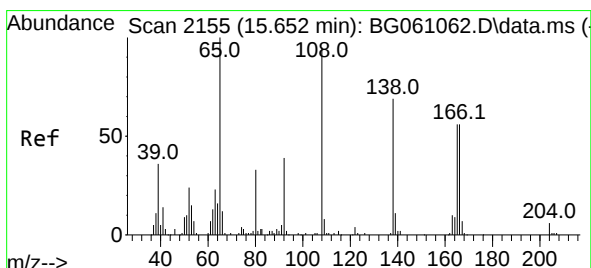
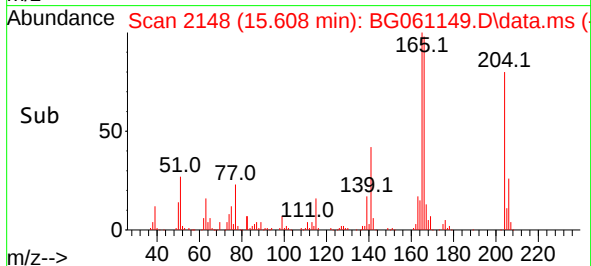
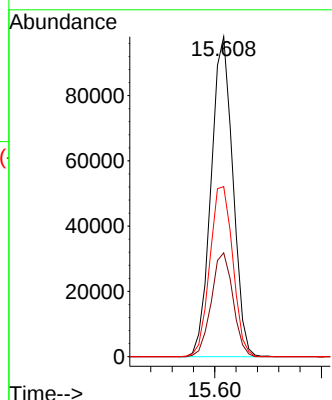
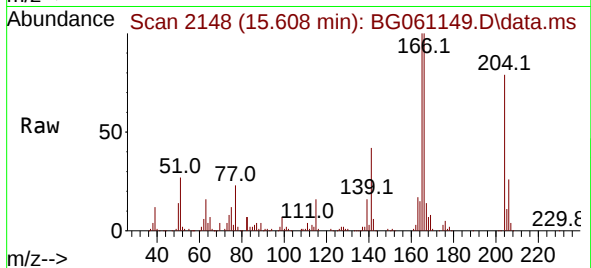




#61
4-Chlorophenyl-phenylether
Concen: 44.819 ng
RT: 15.608 min Scan# 2151
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

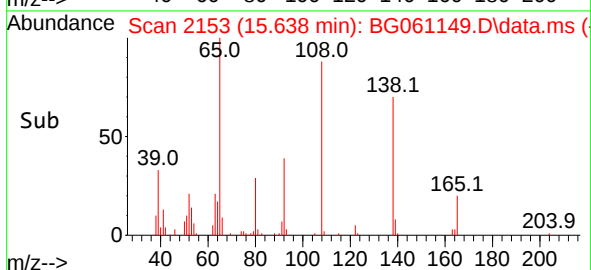
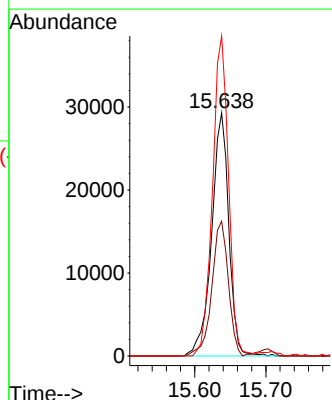
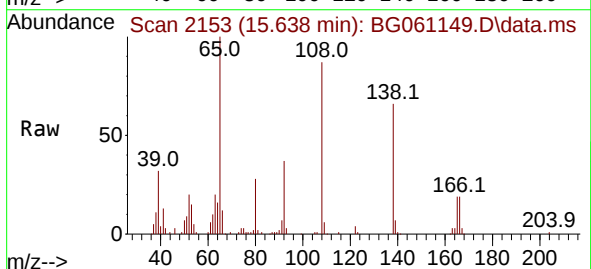
Instrument :
BNA_G
ClientSampleId :
PB160779BS

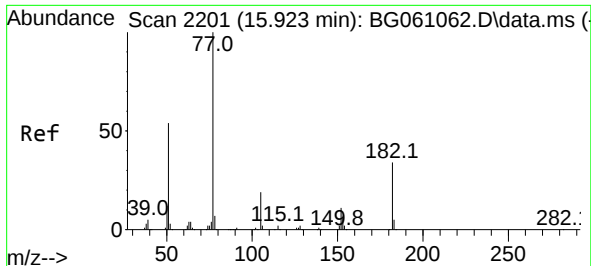
Tgt Ion:204 Resp: 138851
Ion Ratio Lower Upper
204 100
206 32.4 27.8 41.6
141 53.2 42.9 64.3



#62
4-Nitroaniline
Concen: 41.675 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:138 Resp: 49031
Ion Ratio Lower Upper
138 100
92 55.4 35.5 75.5
108 131.7 116.2 156.2

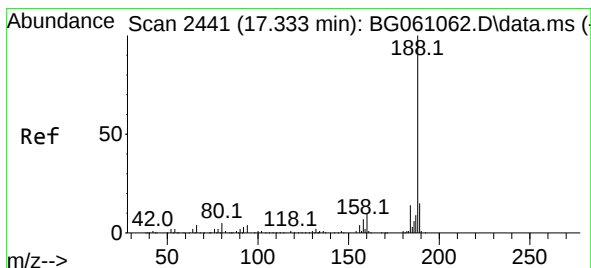
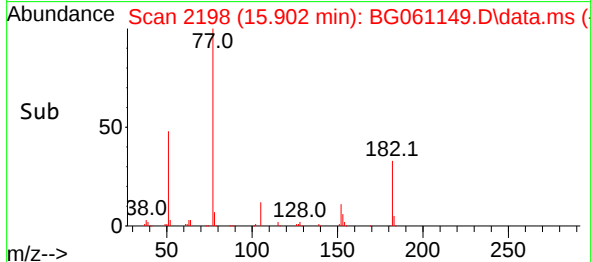
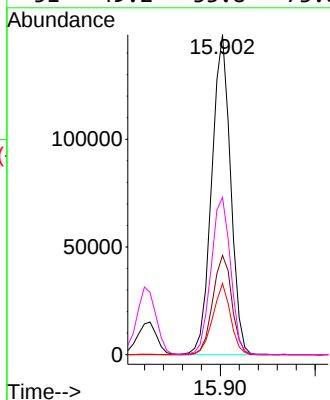
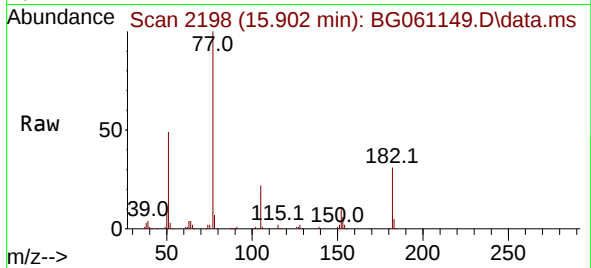




#63
Azobenzene
Concen: 47.194 ng
RT: 15.902 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

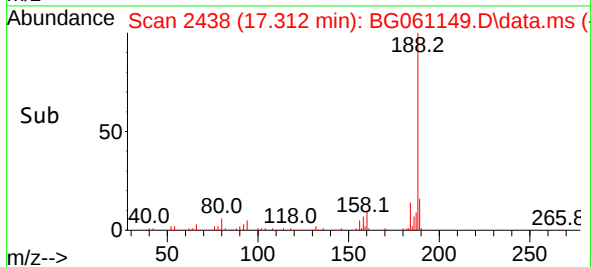
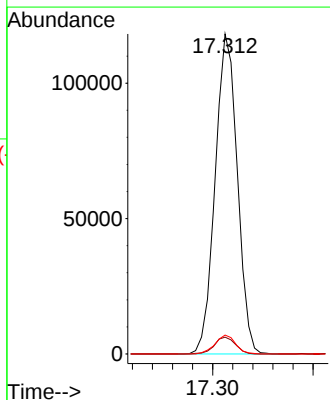
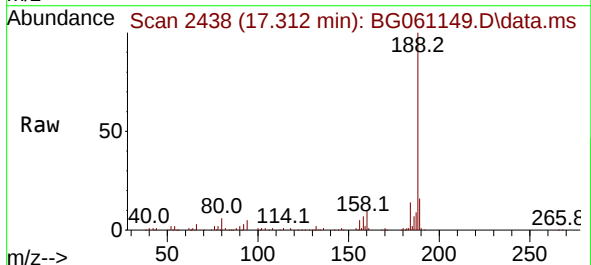
Instrument :
BNA_G
ClientSampleId :
PB160779BS

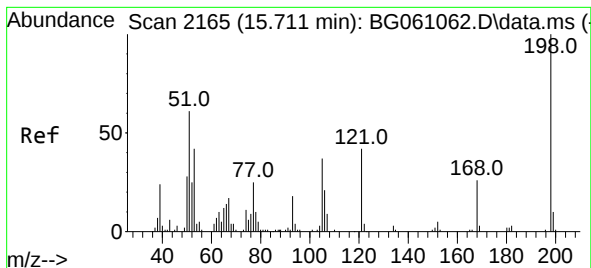
Tgt Ion: 77 Resp: 205339
Ion Ratio Lower Upper
77 100
182 31.0 13.5 53.5
105 22.3 0.0 39.3
51 49.2 33.8 73.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:188 Resp: 180959
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 5.9 4.2 6.2

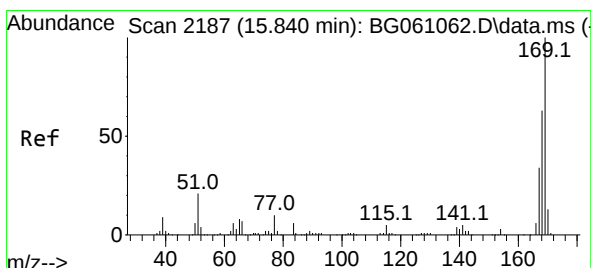
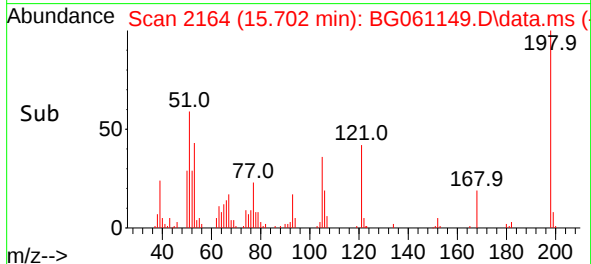
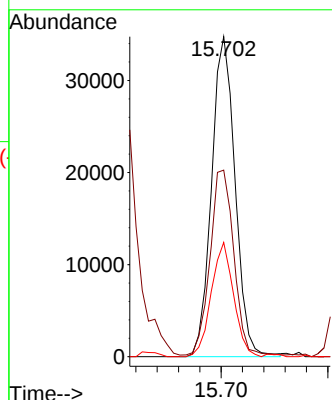
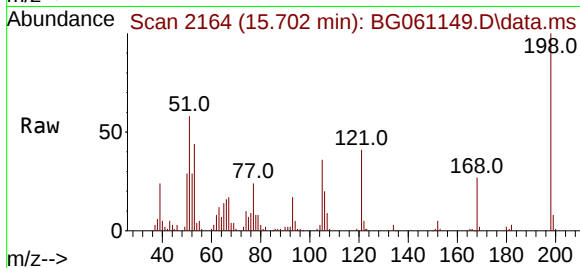




#65
4,6-Dinitro-2-methylphenol
Concen: 47.363 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.009 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

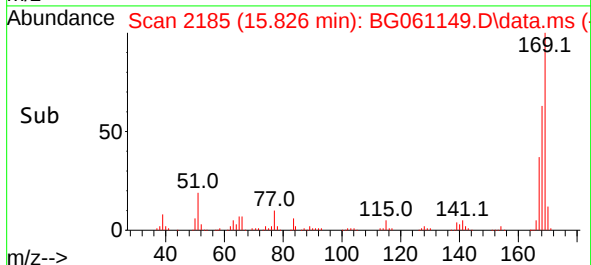
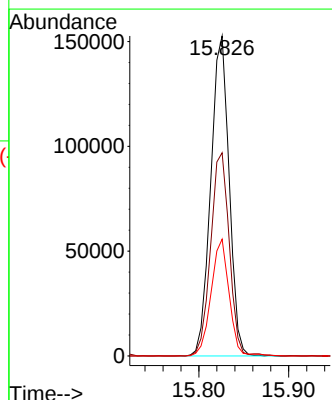
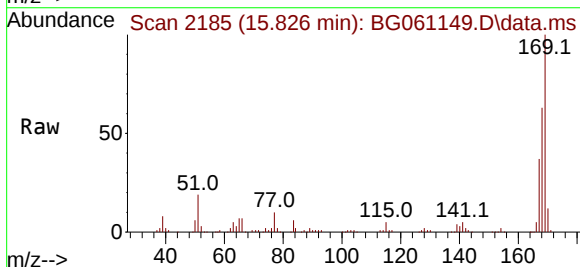
Instrument :
BNA_G
ClientSampleId :
PB160779BS

Tgt Ion:198 Resp: 53177
Ion Ratio Lower Upper
198 100
51 58.3 41.2 81.2
105 35.7 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 48.238 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:169 Resp: 216464
Ion Ratio Lower Upper
169 100
168 63.5 50.6 75.8
167 36.5 27.4 41.2

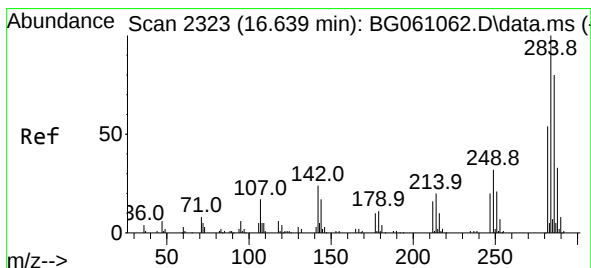
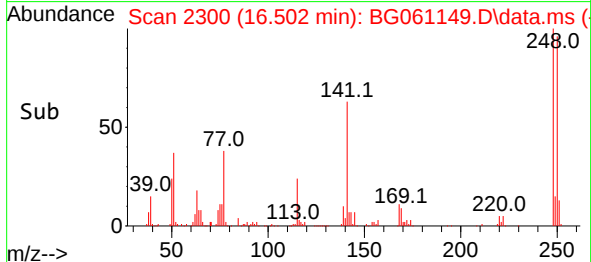
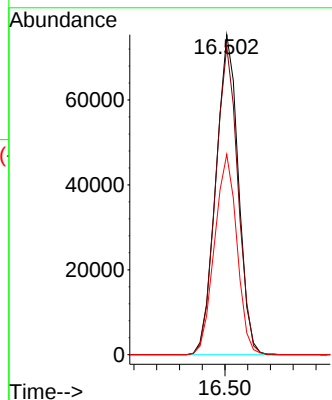
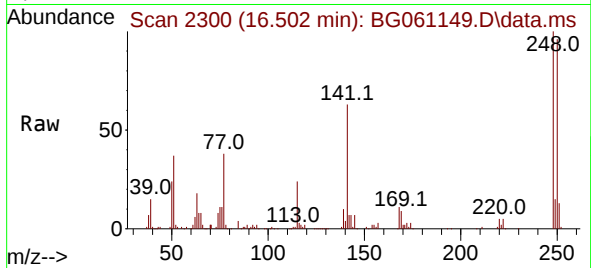




#67
4-Bromophenyl-phenylether
Concen: 48.559 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

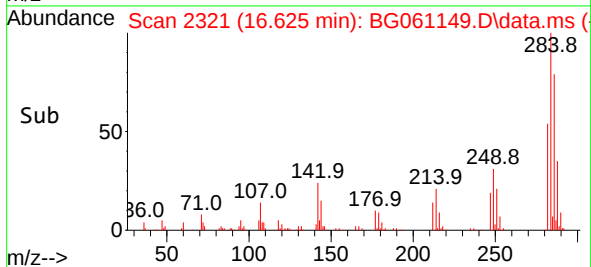
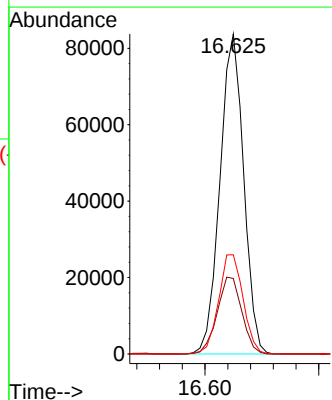
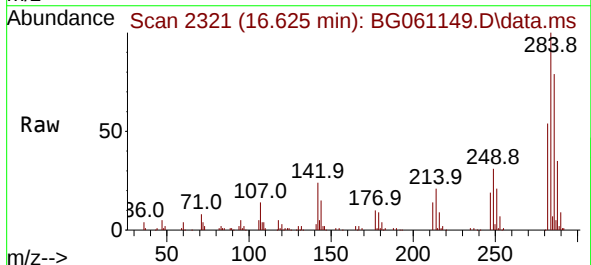
Instrument :
BNA_G
ClientSampleId :
PB160779BS

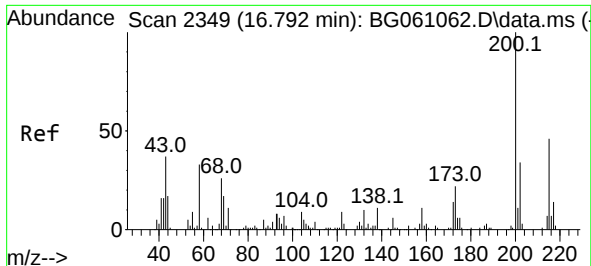
Tgt Ion:248 Resp: 103515
Ion Ratio Lower Upper
248 100
250 96.4 73.0 109.4
141 62.6 50.8 76.2



#68
Hexachlorobenzene
Concen: 45.612 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:284 Resp: 121021
Ion Ratio Lower Upper
284 100
142 23.6 19.2 28.8
249 31.0 25.4 38.2

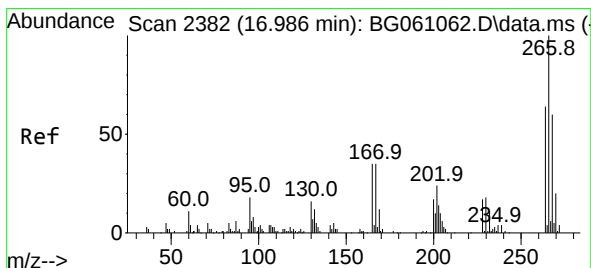
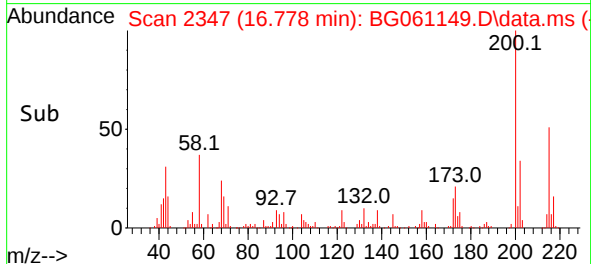
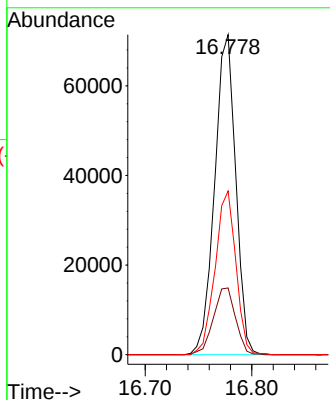
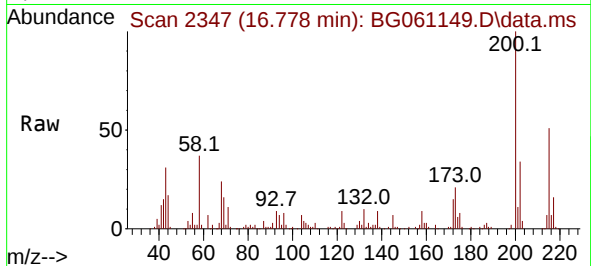




#69
Atrazine
Concen: 52.870 ng
RT: 16.778 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

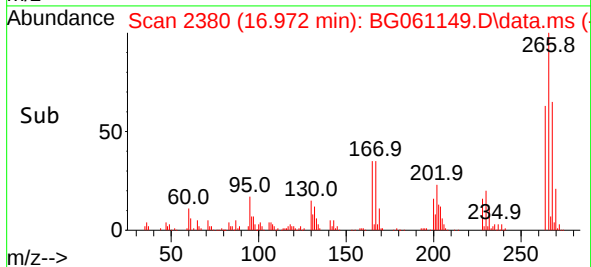
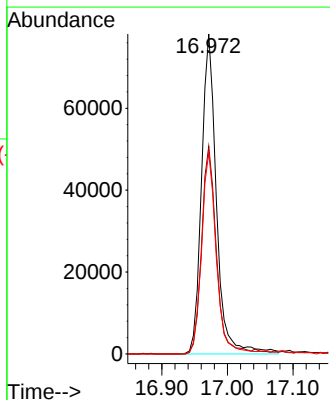
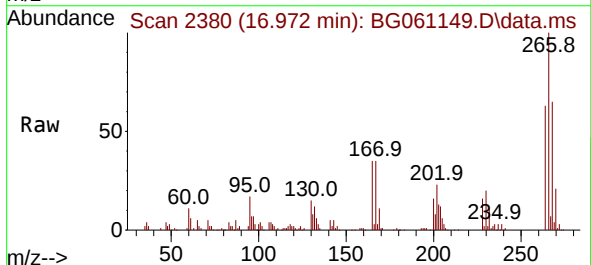
Instrument :
BNA_G
ClientSampleId :
PB160779BS

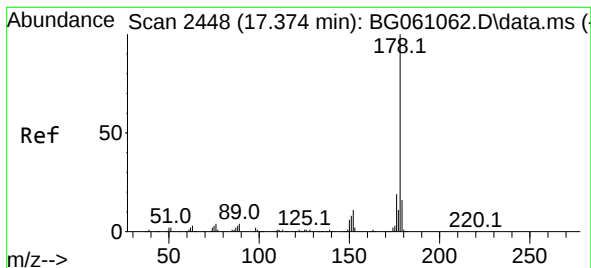
Tgt Ion:200 Resp: 97844
Ion Ratio Lower Upper
200 100
173 20.9 2.0 42.0
215 51.2 26.2 66.2



#70
Pentachlorophenol
Concen: 76.278 ng
RT: 16.972 min Scan# 2380
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:266 Resp: 124335
Ion Ratio Lower Upper
266 100
268 64.9 47.8 71.8
264 62.9 51.5 77.3





#71

Phenanthrene

Concen: 47.616 ng

RT: 17.359 min Scan# 2446

Delta R.T. -0.015 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

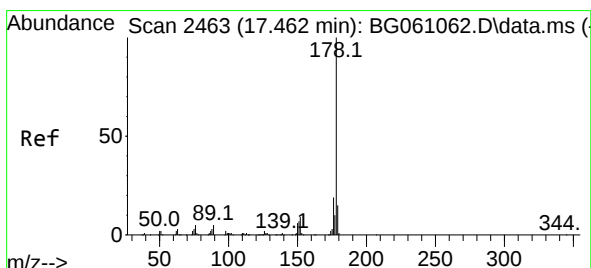
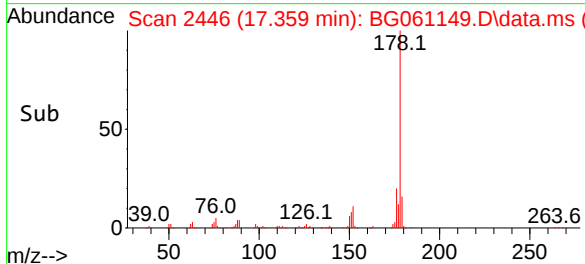
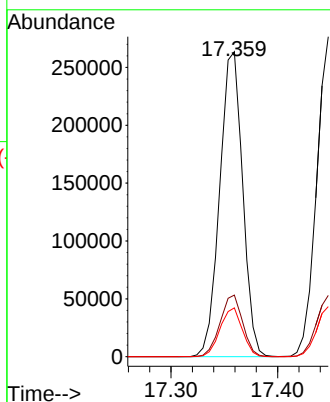
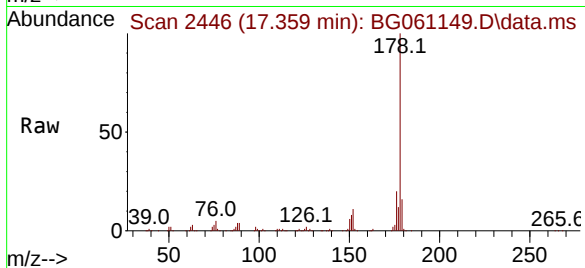
Tgt Ion:178 Resp: 393988

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

179 16.0 12.6 19.0



#72

Anthracene

Concen: 48.560 ng

RT: 17.447 min Scan# 2461

Delta R.T. -0.015 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

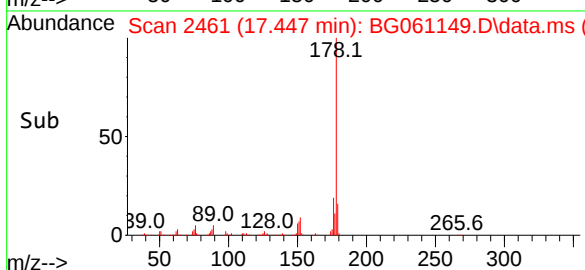
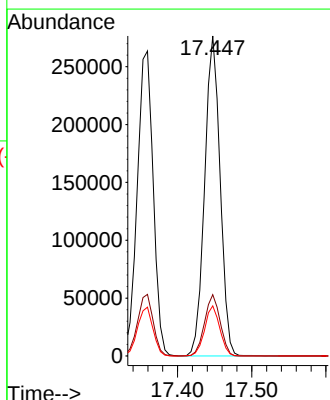
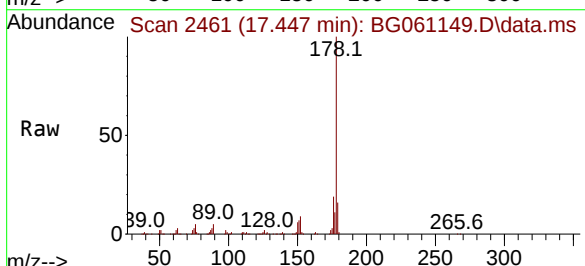
Tgt Ion:178 Resp: 400927

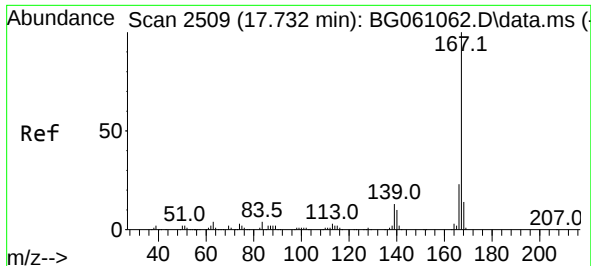
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

179 15.7 12.0 18.0

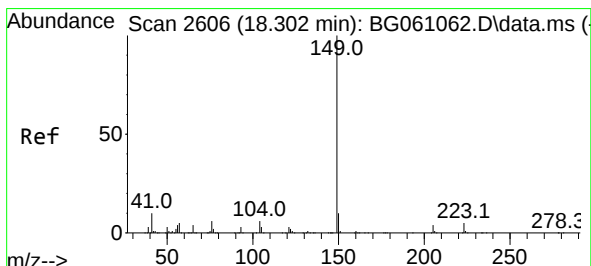
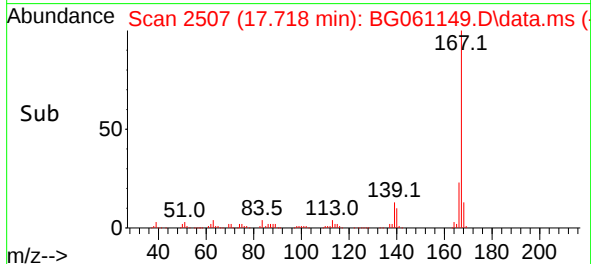
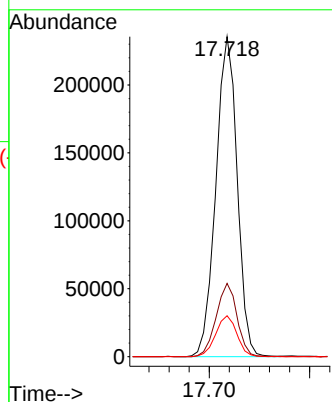
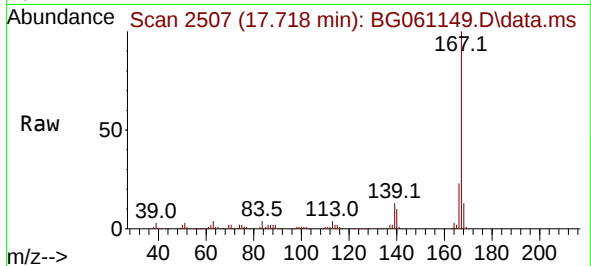




#73
 Carbazole
 Concen: 47.813 ng
 RT: 17.718 min Scan# 2507
 Delta R.T. -0.015 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

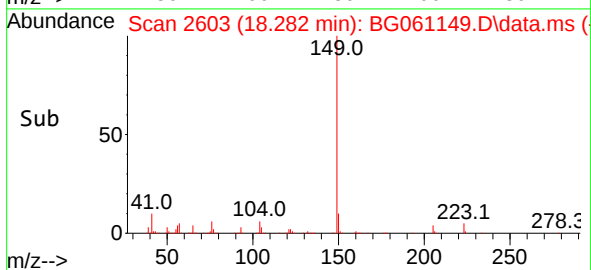
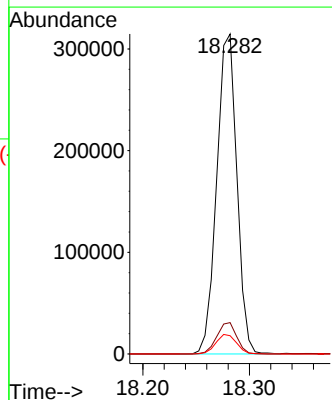
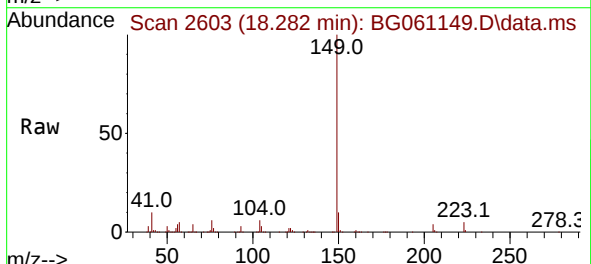
Instrument :
 BNA_G
 ClientSampleId :
 PB160779BS

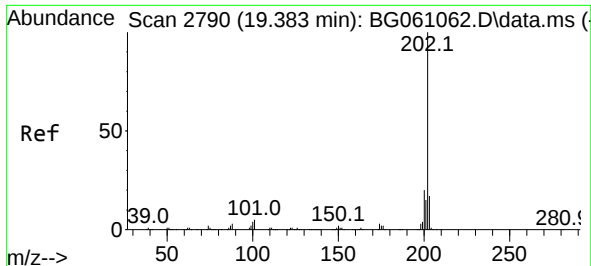
Tgt Ion:167 Resp: 347087
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.7 28.1
 139 12.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 47.741 ng
 RT: 18.282 min Scan# 2603
 Delta R.T. -0.020 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

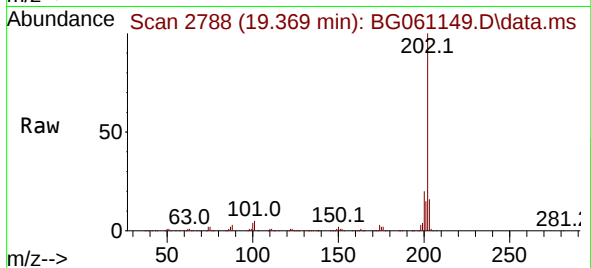
Tgt Ion:149 Resp: 412091
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.7 5.0 7.6



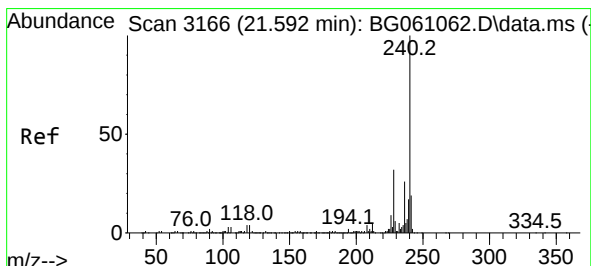
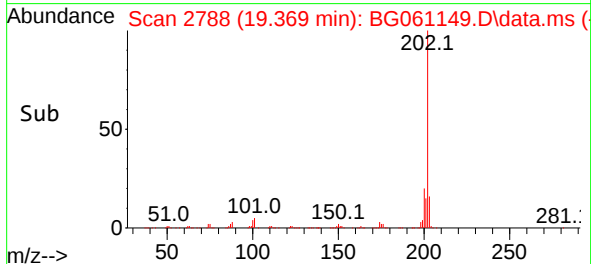
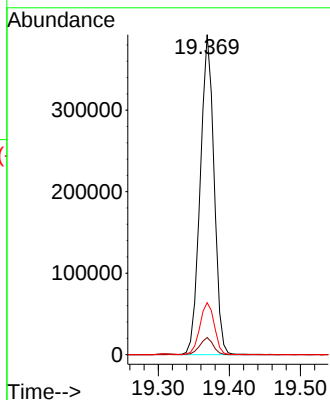


#75
Fluoranthene
Concen: 47.020 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Instrument :
BNA_G
ClientSampleId :
PB160779BS

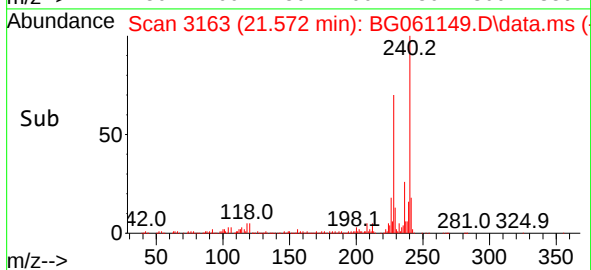
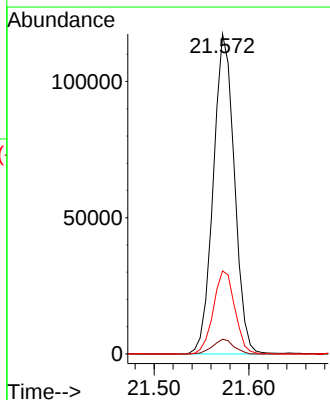
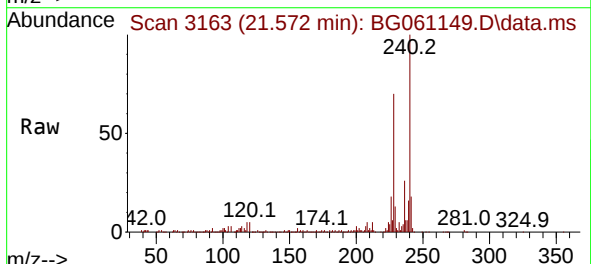


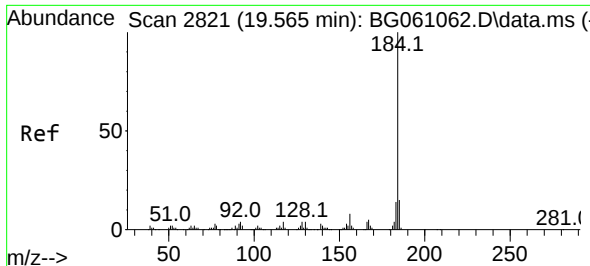
Tgt Ion:202 Resp: 532992
Ion Ratio Lower Upper
202 100
101 5.4 0.0 24.7
203 16.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:240 Resp: 181682
Ion Ratio Lower Upper
240 100
120 4.6 3.2 4.8
236 26.0 21.0 31.6

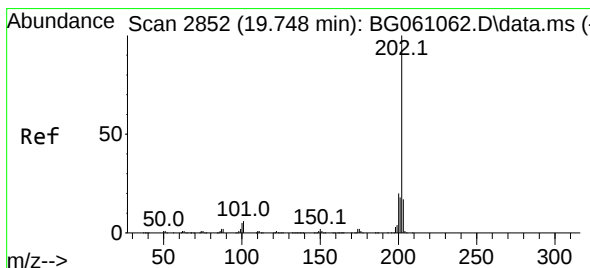
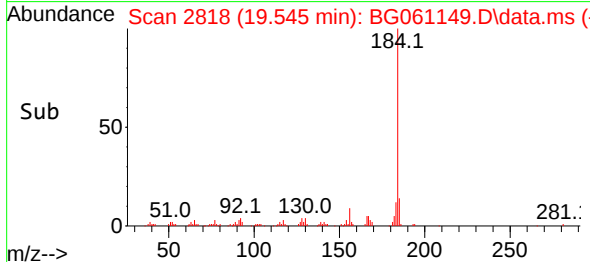
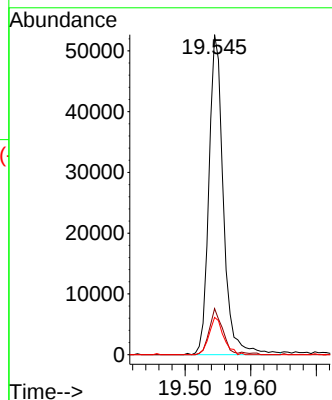
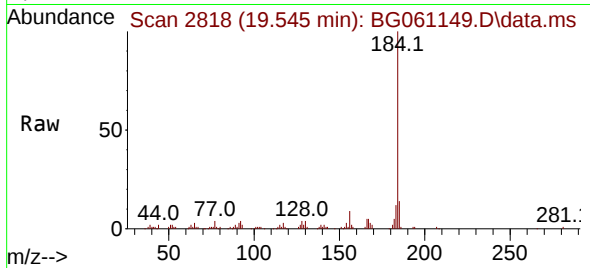




#77
Benzidine
Concen: 24.809 ng
RT: 19.545 min Scan# 2818
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

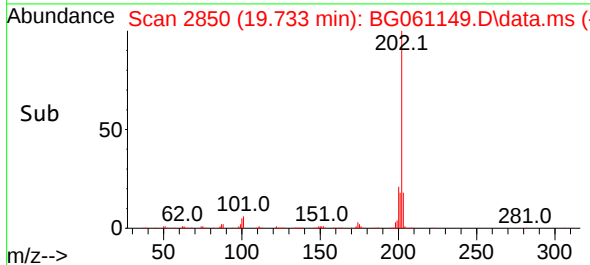
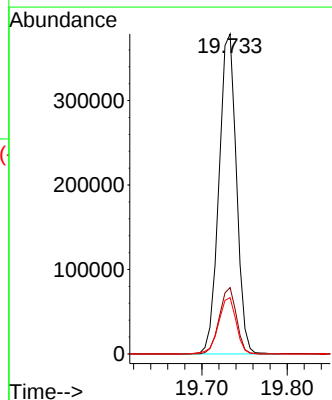
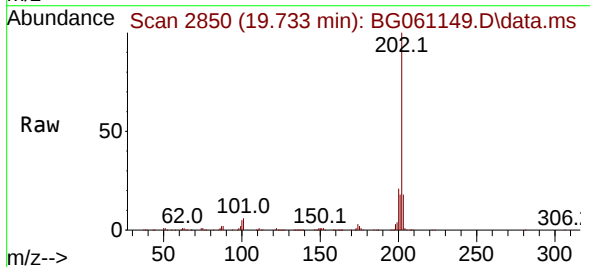
Instrument :
BNA_G
ClientSampleId :
PB160779BS

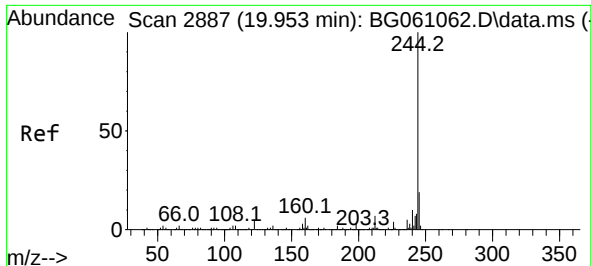
Tgt Ion:184 Resp: 80812
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 11.7 10.9 16.3



#78
Pyrene
Concen: 46.649 ng
RT: 19.733 min Scan# 2850
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:202 Resp: 538830
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.4
203 17.6 13.3 19.9





#79
 Terphenyl-d14
 Concen: 88.912 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

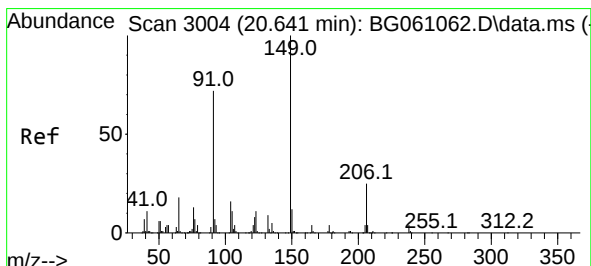
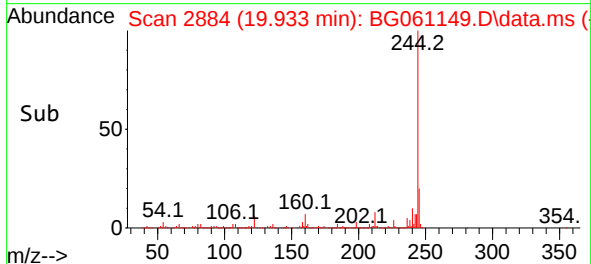
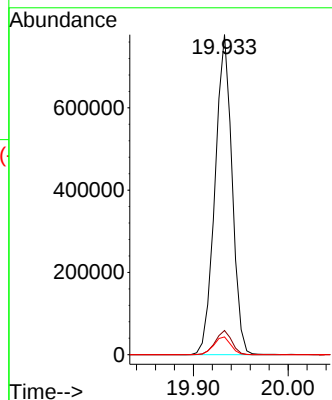
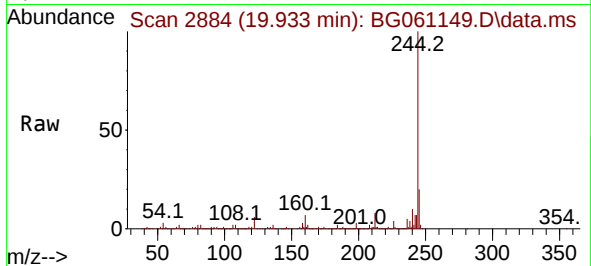
Instrument :

BNA_G

ClientSampleId :

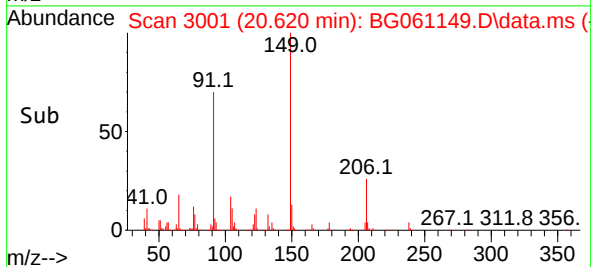
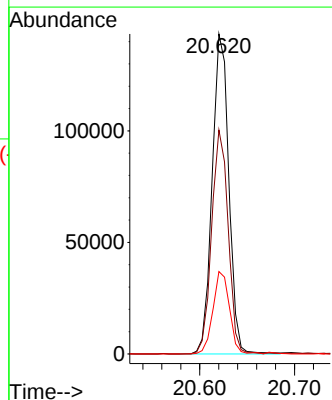
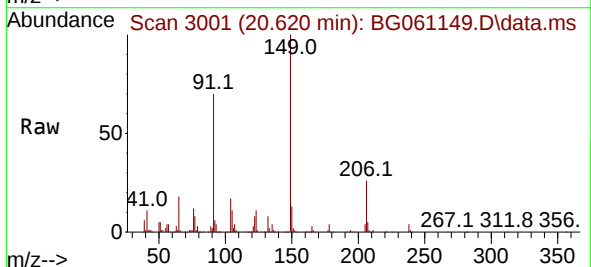
PB160779BS

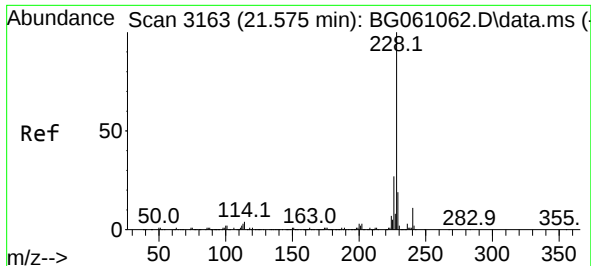
Tgt Ion:244 Resp: 971276
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 5.6 4.2 6.2



#80
 Butylbenzylphthalate
 Concen: 47.699 ng
 RT: 20.620 min Scan# 3001
 Delta R.T. -0.020 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

Tgt Ion:149 Resp: 174401
 Ion Ratio Lower Upper
 149 100
 91 70.0 57.4 86.2
 206 25.7 19.8 29.6

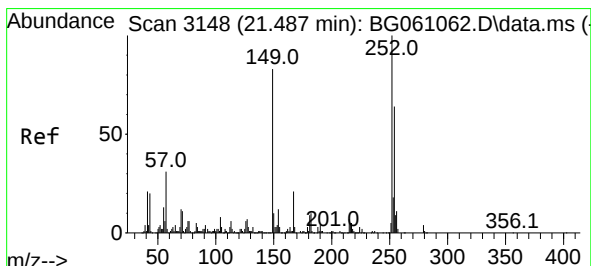
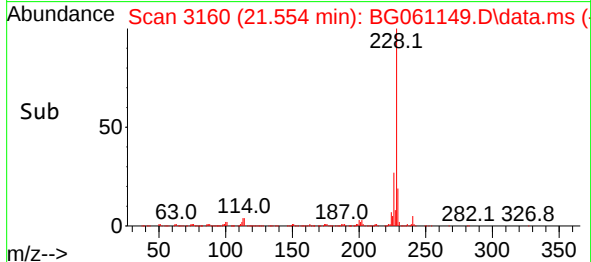
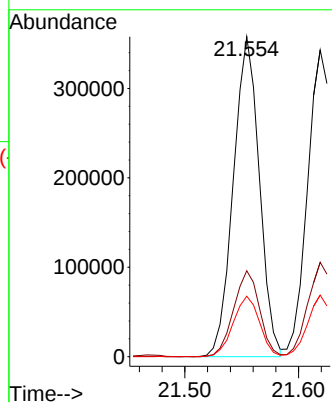
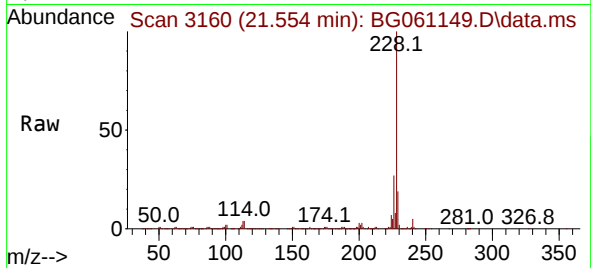




#81
Benzo(a)anthracene
Concen: 47.610 ng
RT: 21.554 min Scan# 3160
Delta R.T. -0.020 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

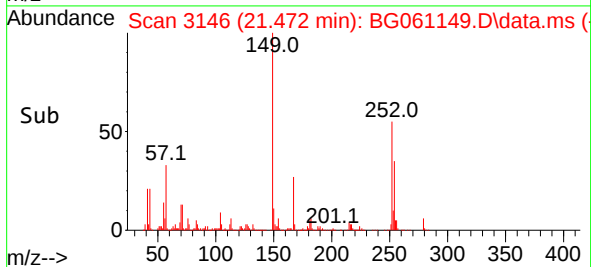
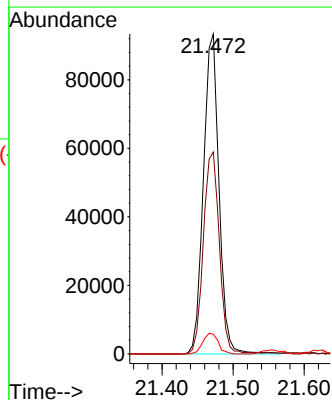
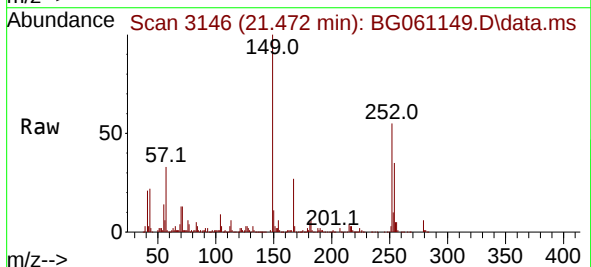
Instrument :
BNA_G
ClientSampleId :
PB160779BS

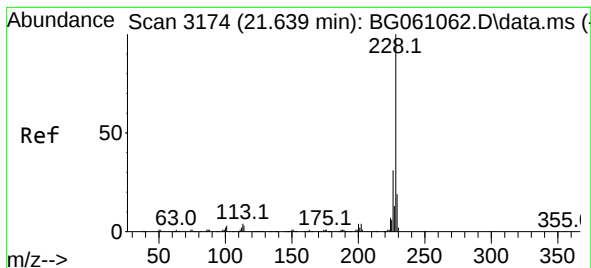
Tgt Ion:228 Resp: 566029
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 18.9 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 33.280 ng
RT: 21.472 min Scan# 3146
Delta R.T. -0.015 min
Lab File: BG061149.D
Acq: 9 May 2024 12:54

Tgt Ion:252 Resp: 142389
Ion Ratio Lower Upper
252 100
254 63.1 51.3 76.9
126 6.2 5.2 7.8





#83

Chrysene

Concen: 47.602 ng

RT: 21.619 min Scan# 3171

Delta R.T. -0.020 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

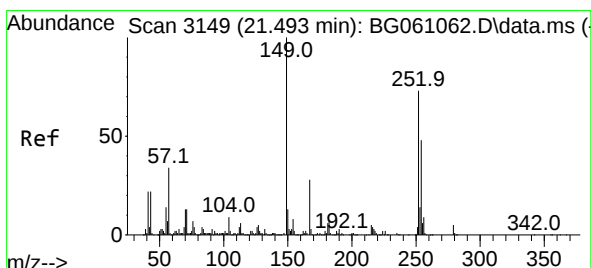
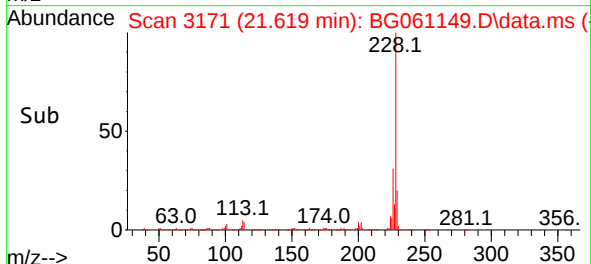
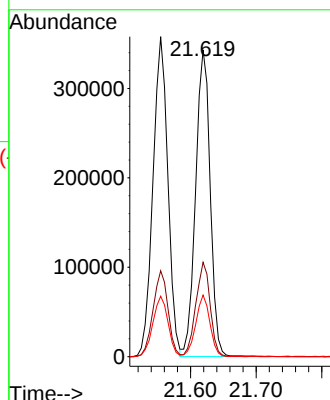
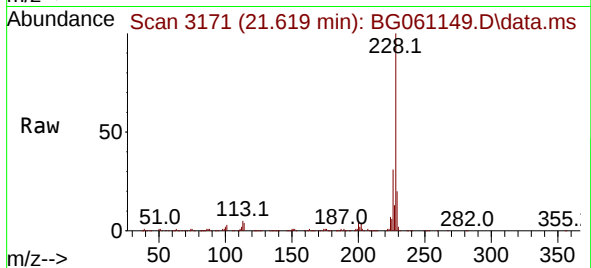
Tgt Ion:228 Resp: 530216

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 20.1 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.568 ng

RT: 21.466 min Scan# 3145

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

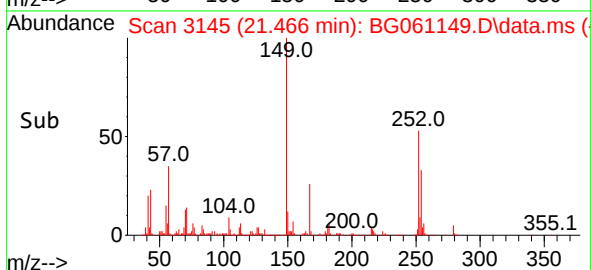
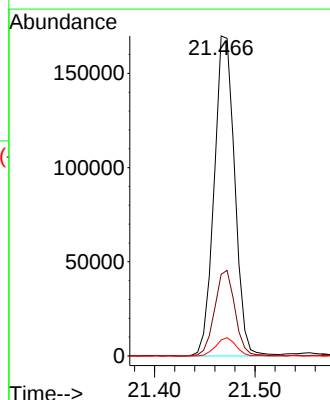
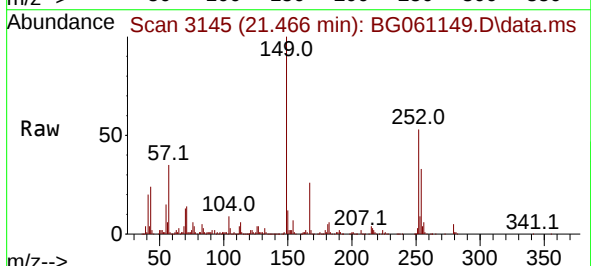
Tgt Ion:149 Resp: 241435

Ion Ratio Lower Upper

149 100

167 25.5 22.1 33.1

279 5.0 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.893 ng

RT: 22.653 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

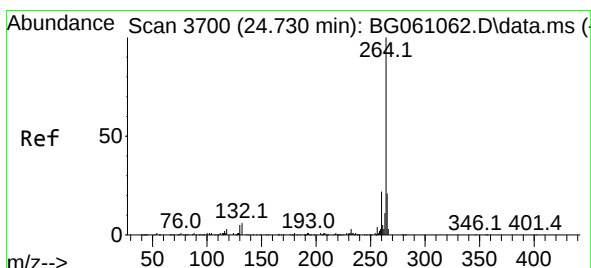
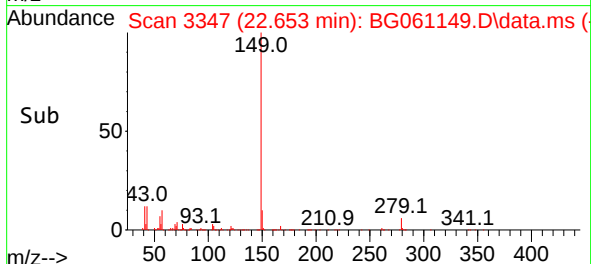
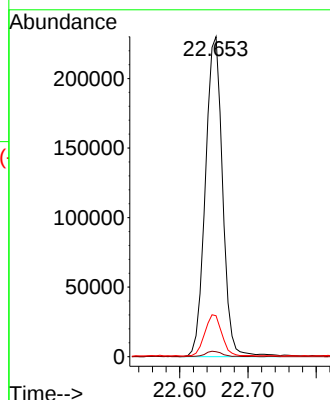
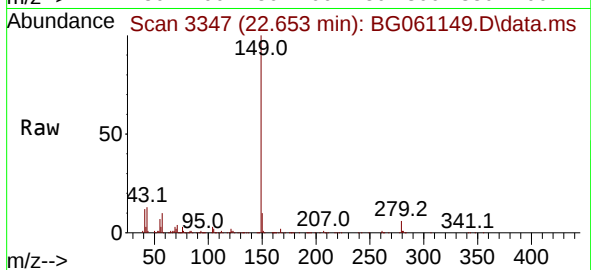
Tgt Ion:149 Resp: 403433

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 12.9 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3695

Delta R.T. -0.032 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

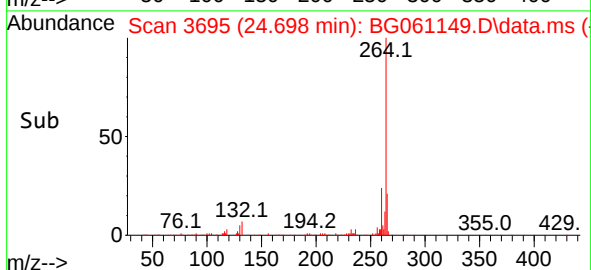
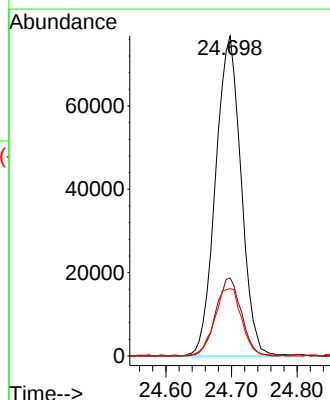
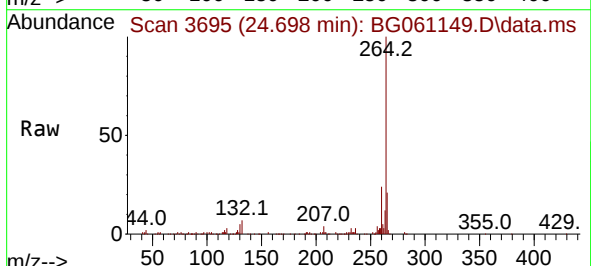
Tgt Ion:264 Resp: 206802

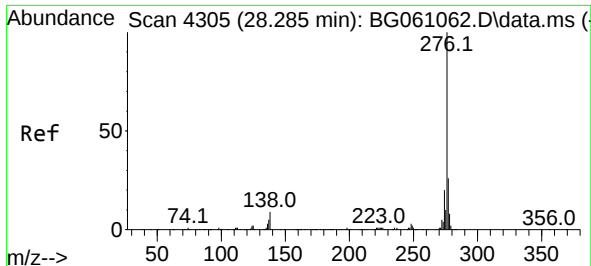
Ion Ratio Lower Upper

264 100

260 24.3 17.7 26.5

265 21.1 16.4 24.6

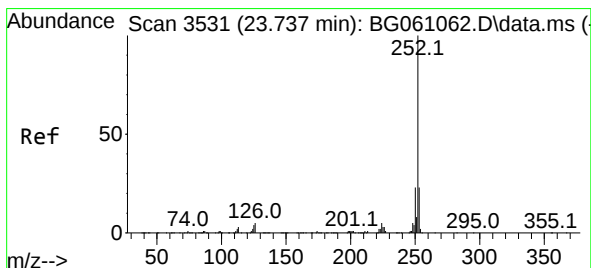
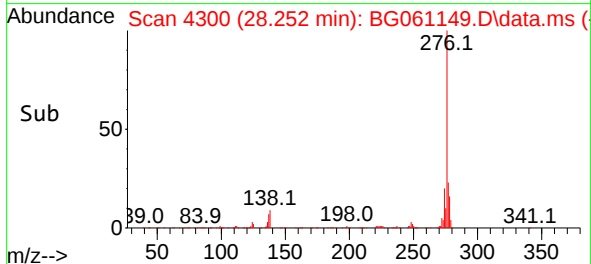
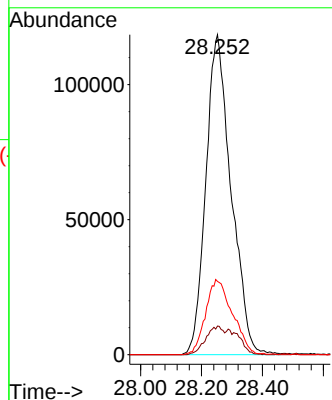
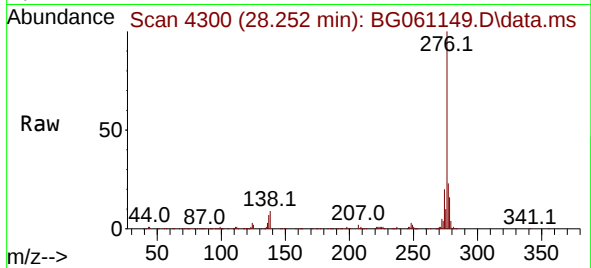




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.733 ng
 RT: 28.252 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

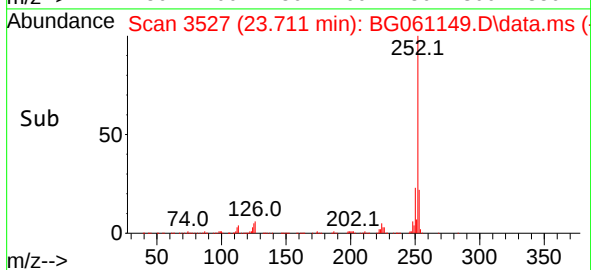
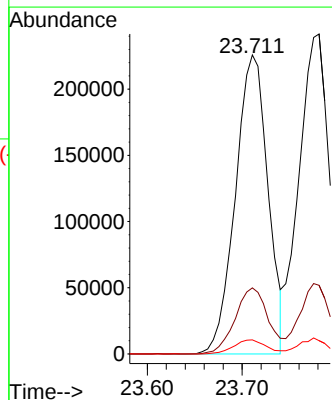
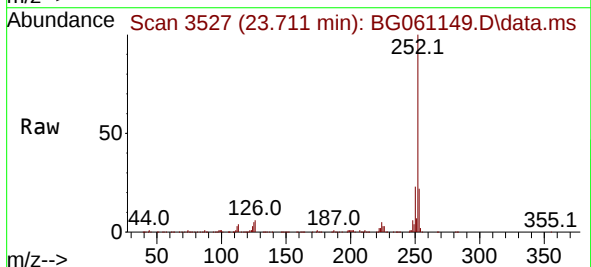
Instrument :
 BNA_G
 ClientSampleId :
 PB160779BS

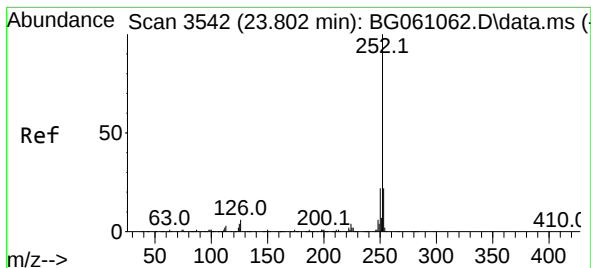
Tgt Ion:276 Resp: 681596
 Ion Ratio Lower Upper
 276 100
 138 6.3 5.1 7.7
 277 25.0 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 46.508 ng
 RT: 23.711 min Scan# 3527
 Delta R.T. -0.026 min
 Lab File: BG061149.D
 Acq: 9 May 2024 12:54

Tgt Ion:252 Resp: 537458
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.2 27.2
 125 4.7 3.4 5.0





#89

Benzo(k)fluoranthene

Concen: 49.026 ng

RT: 23.781 min Scan# 3

Delta R.T. -0.020 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

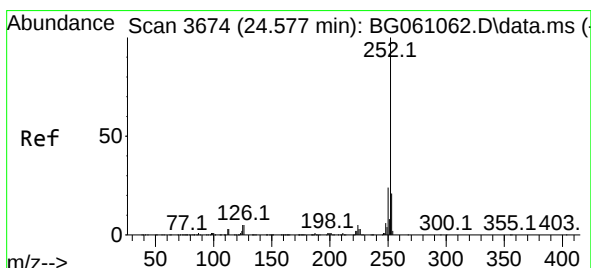
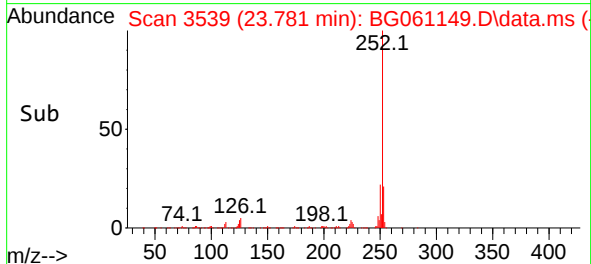
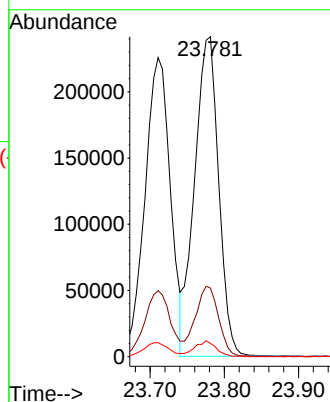
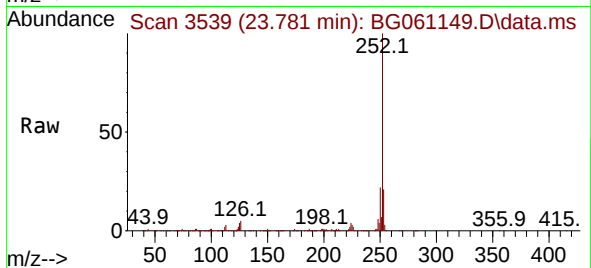
Tgt Ion:252 Resp: 545050

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 4.1 3.2 4.8



#90

Benzo(a)pyrene

Concen: 50.352 ng

RT: 24.551 min Scan# 3670

Delta R.T. -0.026 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

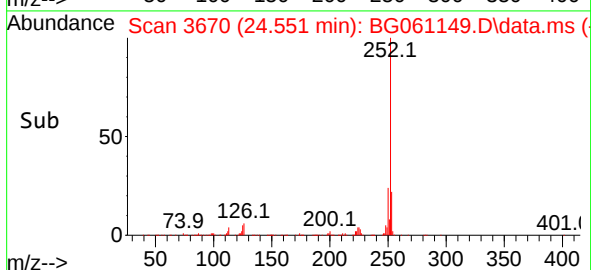
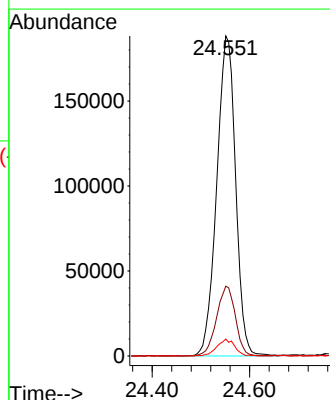
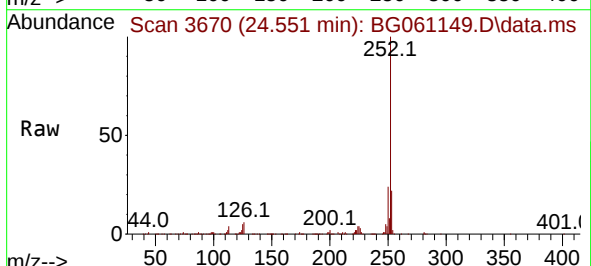
Tgt Ion:252 Resp: 506938

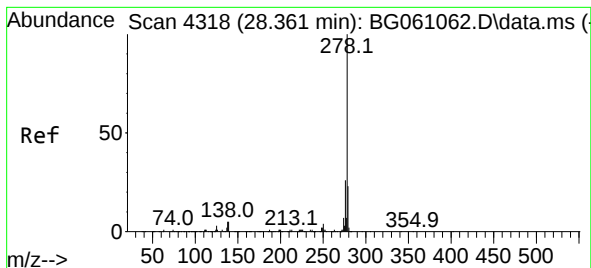
Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

125 5.3 3.8 5.8





#91

Dibenzo(a,h)anthracene

Concen: 49.414 ng

RT: 28.311 min Scan# 41

Delta R.T. -0.050 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Instrument :

BNA_G

ClientSampleId :

PB160779BS

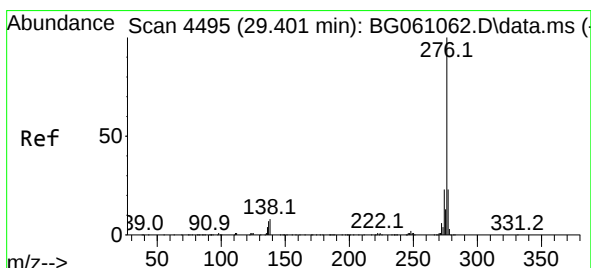
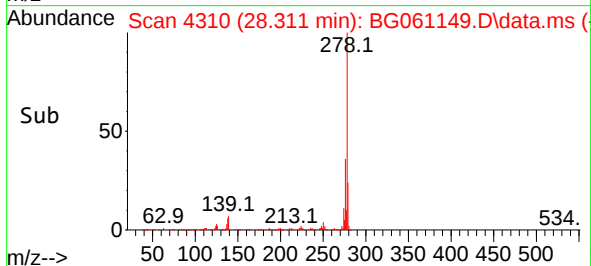
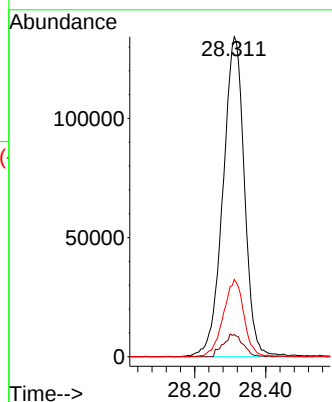
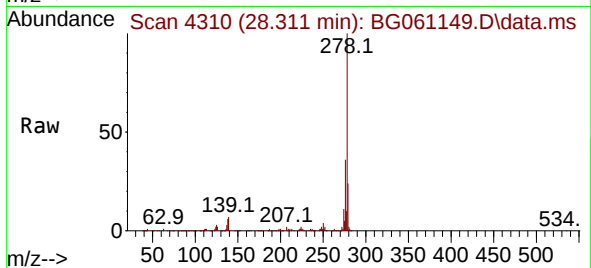
Tgt Ion:278 Resp: 560837

Ion Ratio Lower Upper

278 100

139 6.9 4.2 6.2#

279 24.1 18.0 27.0



#92

Benzo(g,h,i)perylene

Concen: 46.620 ng

RT: 29.363 min Scan# 4489

Delta R.T. -0.038 min

Lab File: BG061149.D

Acq: 9 May 2024 12:54

Tgt Ion:276 Resp: 525818

Ion Ratio Lower Upper

276 100

277 24.4 18.2 27.4

138 9.4 6.2 9.2#

