

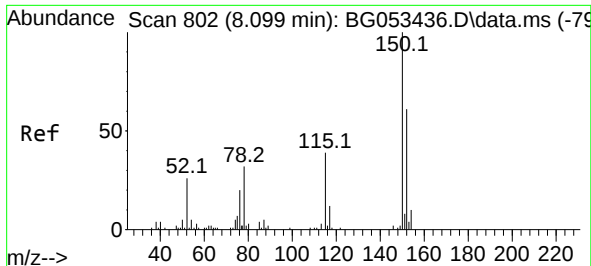
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053669.D
 Acq On : 23 May 2022 18:09
 Operator : CG/JU
 Sample : N2968-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Quant Time: May 24 05:09:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	29592	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	121299	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	90503	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	209896	20.000	ng	0.00
76) Chrysene-d12	21.713	240	204871	20.000	ng	0.00
86) Perylene-d12	24.974	264	211321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	107105	61.426	ng	0.00
7) Phenol-d6	7.233	99	144340	54.545	ng	0.00
23) Nitrobenzene-d5	9.224	82	241132	84.622	ng	0.00
42) 2,4,6-Tribromophenol	16.180	330	163057	122.157	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	544871	87.976	ng	0.00
79) Terphenyl-d14	20.039	244	921760	83.797	ng	0.00
Target Compounds						
6) Aniline	7.380	93	7487	2.554	ng	97
9) Benzaldehyde	7.198	77	6821	4.057	ng	# 1
10) Phenol	7.262	94	9361	3.617	ng	94
18) Hexachloroethane	9.171	117	9082	11.021	ng	# 1
19) n-Nitroso-di-n-propyla...	9.224	70	34394	18.115	ng	# 74
20) 3+4-Methylphenols	8.837	107	17432	7.056	ng	93
22) Acetophenone	8.866	105	11069	3.334	ng	# 62
31) Naphthalene	10.922	128	224149	36.328	ng	100
32) Benzoic acid	10.317	122	719	9.049	ng	# 51
33) 4-Chloroaniline	10.922	127	31311	12.117	ng	# 36
37) 2-Methylnaphthalene	12.520	142	39884	8.662	ng	90
38) 1-Methylnaphthalene	12.743	142	57246	12.742	ng	# 94
51) 2,6-Dinitrotoluene	14.687	165	13109	9.356	ng	# 21
67) 4-Bromophenyl-phenylether	16.180	248	11166	4.555	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.578	149	17124	2.551	ng	# 94

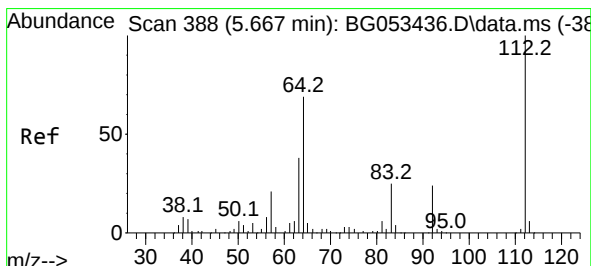
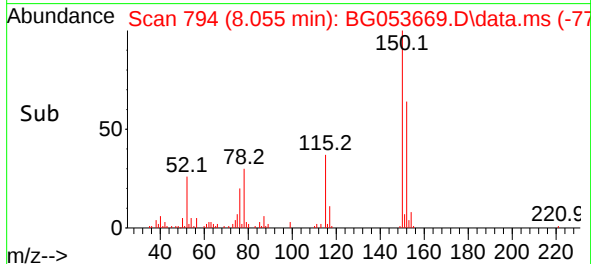
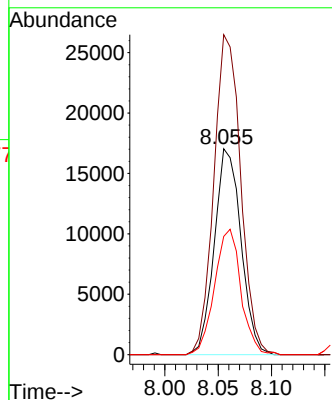
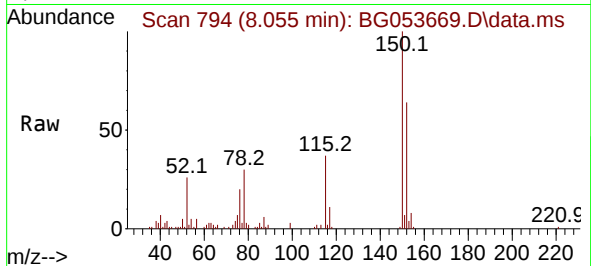
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.055 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

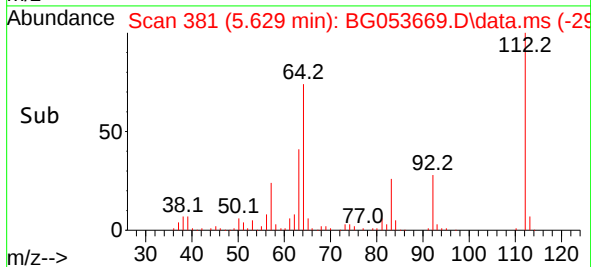
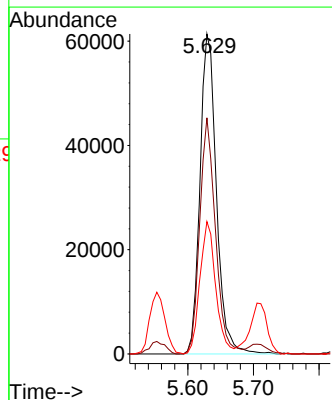
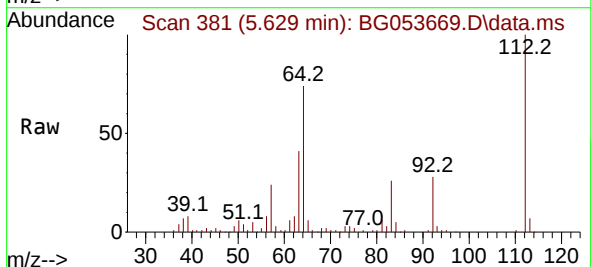
Instrument :
BNA_G
ClientSampleId :
MW-27

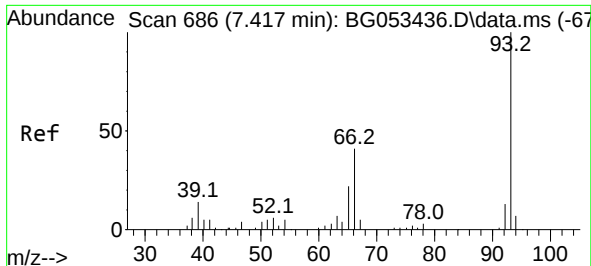
Tgt Ion:152 Resp: 29592
Ion Ratio Lower Upper
152 100
150 155.4 131.6 197.4
115 57.4 50.9 76.3



#5
2-Fluorophenol
Concen: 61.426 ng
RT: 5.629 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:112 Resp: 107105
Ion Ratio Lower Upper
112 100
64 73.8 55.1 82.7
63 41.4 30.4 45.6

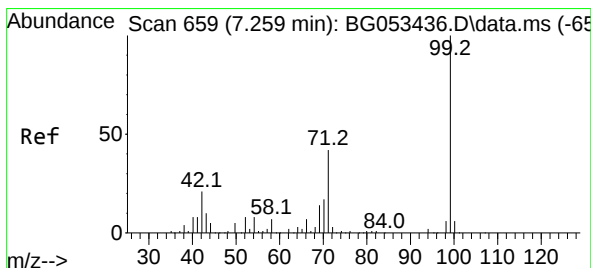
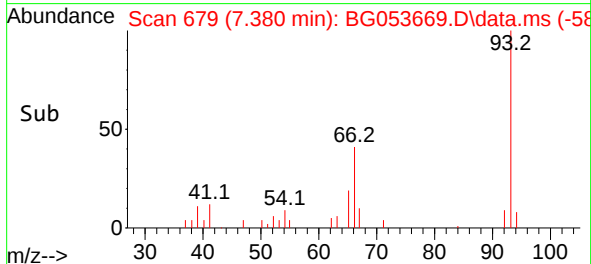
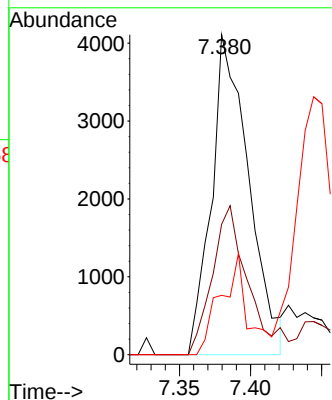
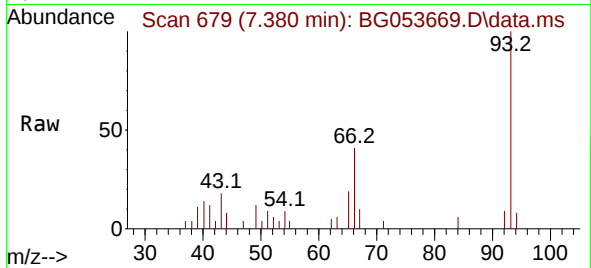




#6
Aniline
Concen: 2.554 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

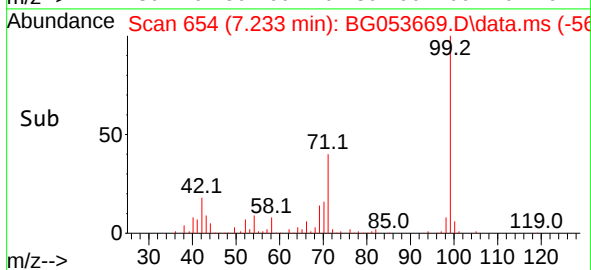
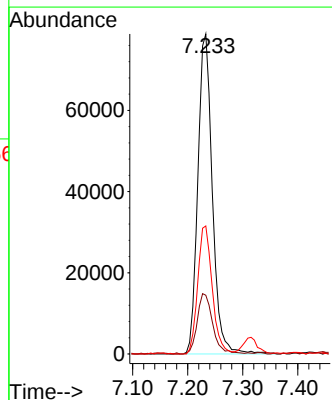
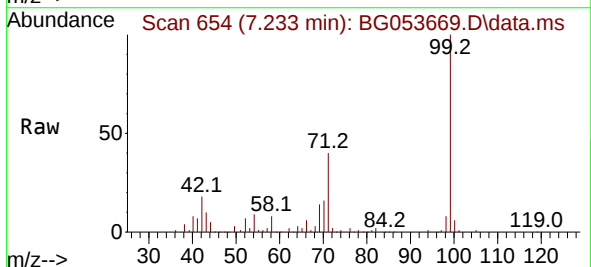
Instrument :
BNA_G
ClientSampleId :
MW-27

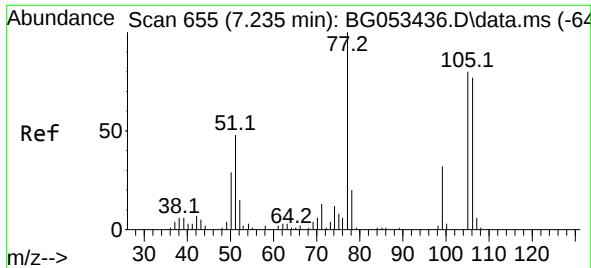
Tgt Ion: 93 Resp: 7487
Ion Ratio Lower Upper
93 100
66 40.8 32.9 49.3
65 18.6 17.8 26.8



#7
Phenol-d6
Concen: 54.545 ng
RT: 7.233 min Scan# 654
Delta R.T. 0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion: 99 Resp: 144340
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 40.0 33.8 50.8

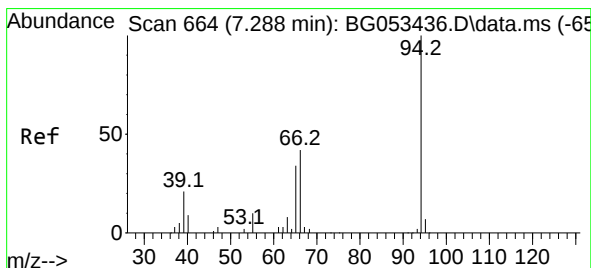
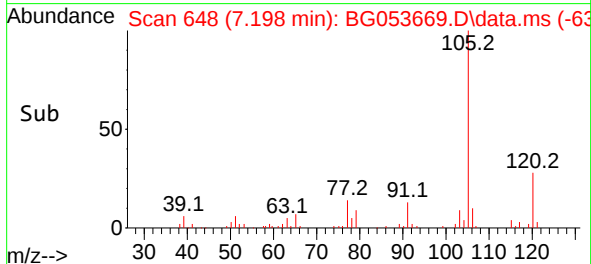
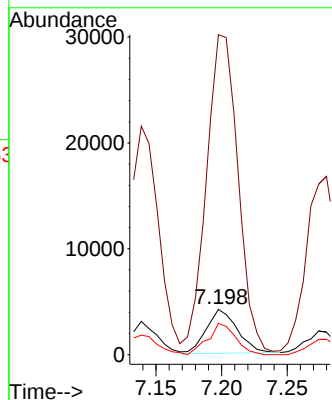
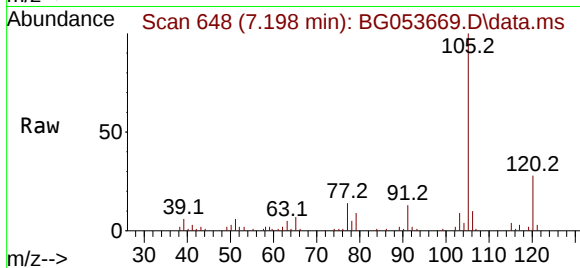




#9
Benzaldehyde
Concen: 4.057 ng
RT: 7.198 min Scan# 64
Delta R.T. 0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

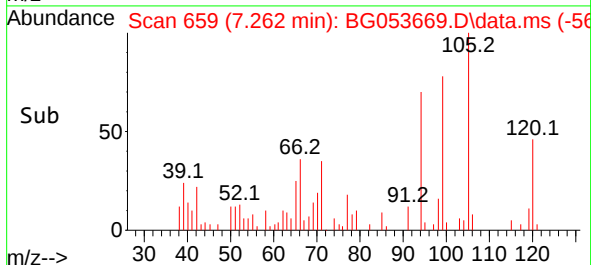
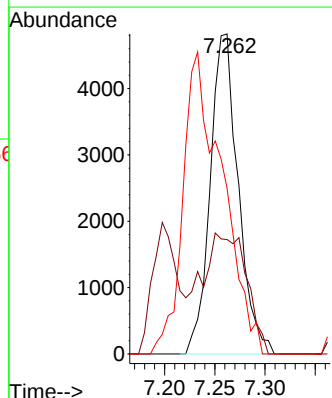
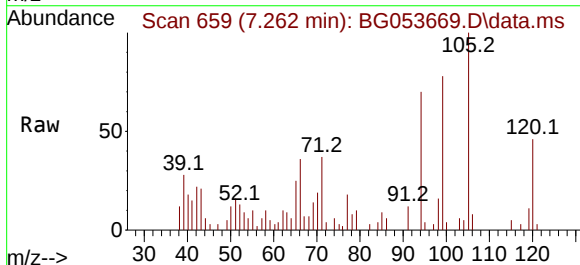
Instrument :
BNA_G
ClientSampleId :
MW-27

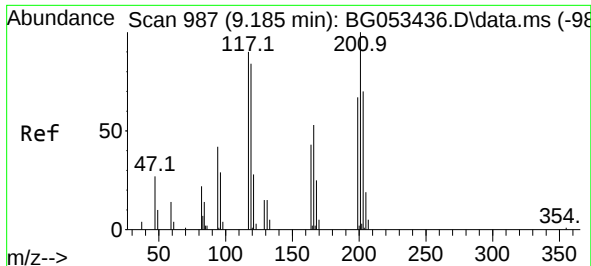
Tgt Ion: 77 Resp: 6821
Ion Ratio Lower Upper
77 100
105 705.9 59.6 99.6#
106 69.0 56.8 96.8



#10
Phenol
Concen: 3.617 ng
RT: 7.262 min Scan# 659
Delta R.T. 0.009 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion: 94 Resp: 9361
Ion Ratio Lower Upper
94 100
65 35.7 14.8 54.8
66 51.8 25.2 65.2

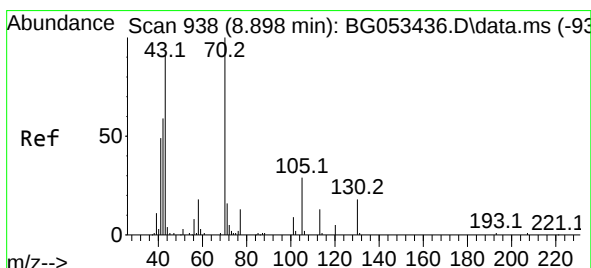
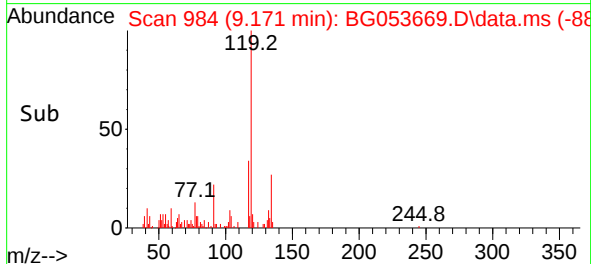
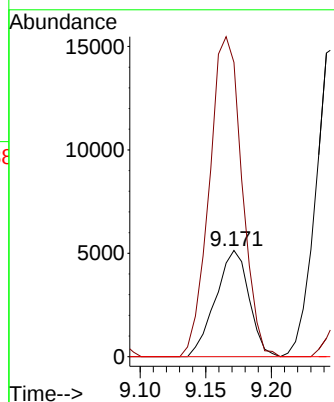
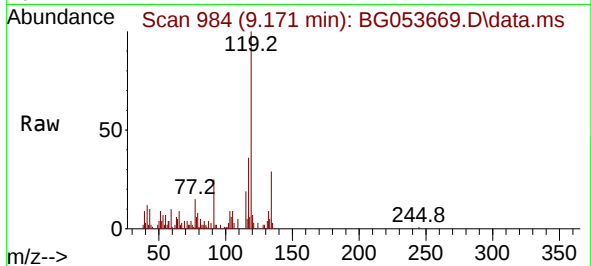




#18
Hexachloroethane
Concen: 11.021 ng
RT: 9.171 min Scan# 918
Delta R.T. 0.027 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

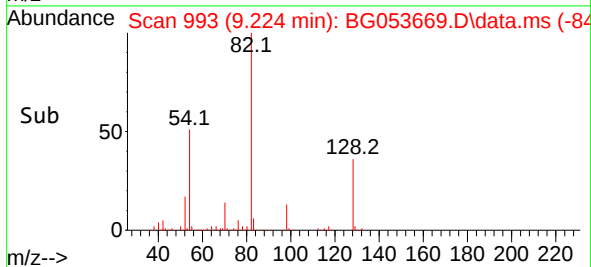
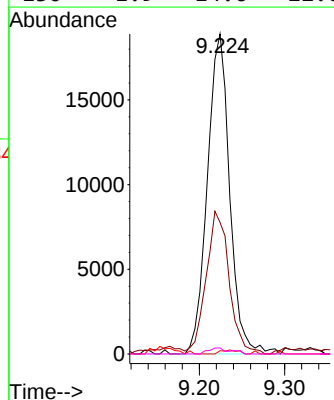
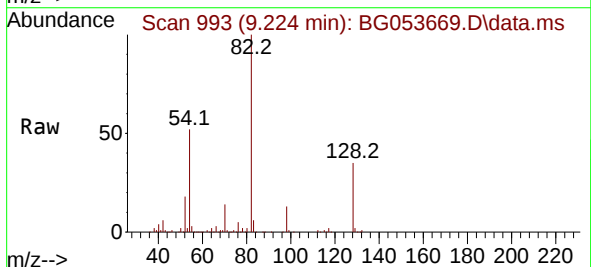
Instrument :
BNA_G
ClientSampleId :
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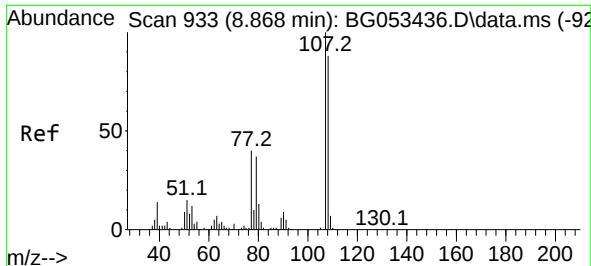
Tgt Ion:117 Resp: 9082
Ion Ratio Lower Upper
117 100
119 277.0 75.0 112.6#
201 0.0 89.0 133.6#



#19
n-Nitroso-di-n-propylamine
Concen: 18.115 ng
RT: 9.224 min Scan# 993
Delta R.T. 0.362 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion: 70 Resp: 34394
Ion Ratio Lower Upper
70 100
42 41.1 47.3 70.9#
101 1.0 7.0 10.4#
130 1.9 14.6 22.0#

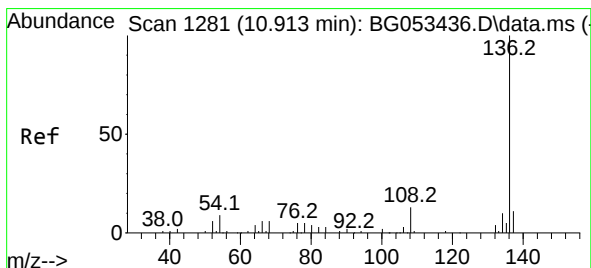
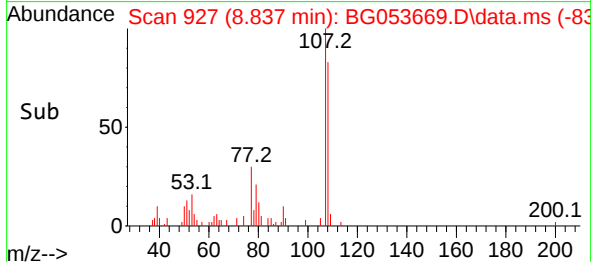
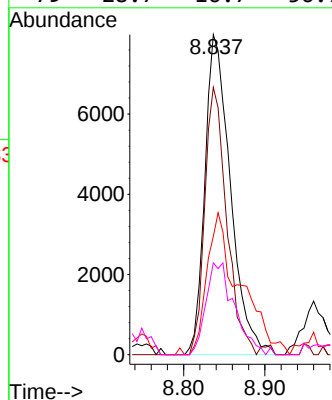
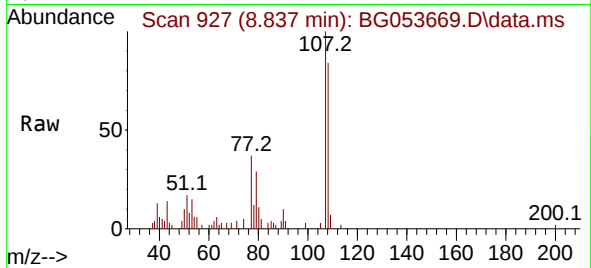




#20
3+4-Methylphenols
Concen: 7.056 ng
RT: 8.837 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

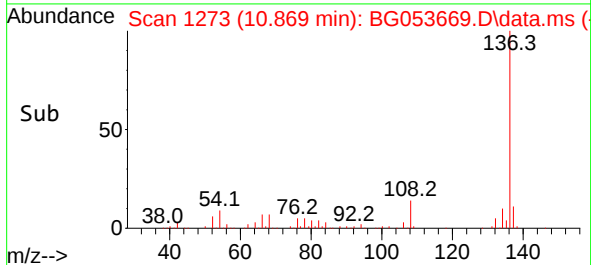
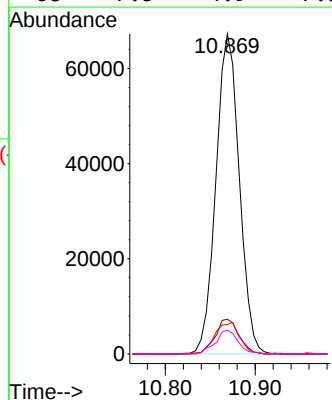
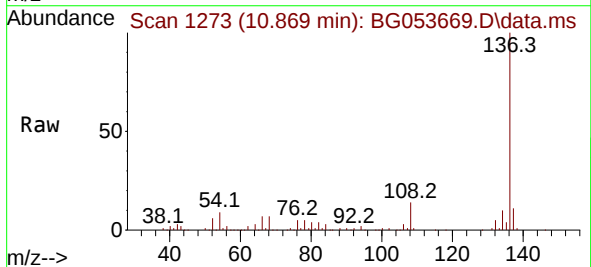
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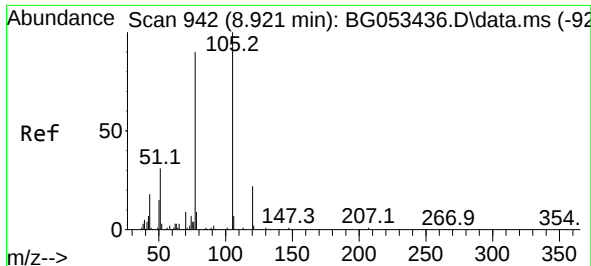
Tgt Ion:107	Resp:	17432
Ion	Ratio	Lower Upper
107	100	
108	83.6	67.5 107.5
77	37.0	20.3 60.3
79	28.7	16.7 56.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1273
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:136	Resp:	121299
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	9.2	7.4 11.2
68	7.5	4.9 7.3

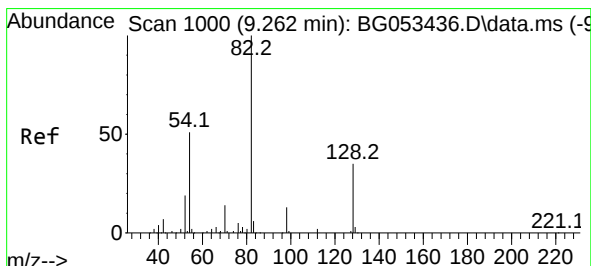
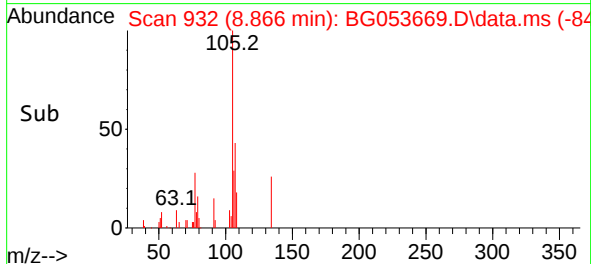
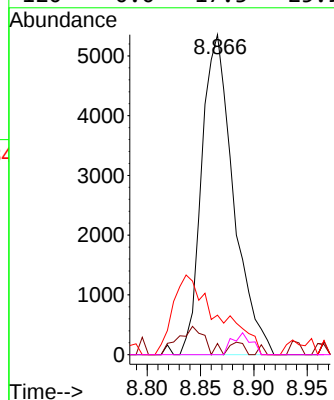
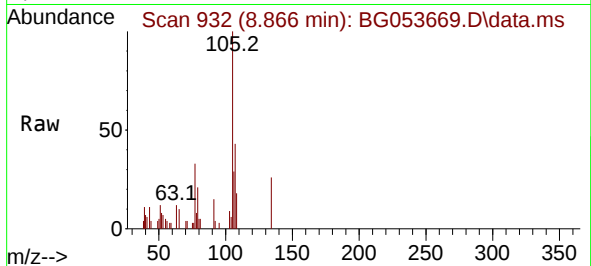




#22
Acetophenone
Concen: 3.334 ng
RT: 8.866 min Scan# 911
Delta R.T. -0.014 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

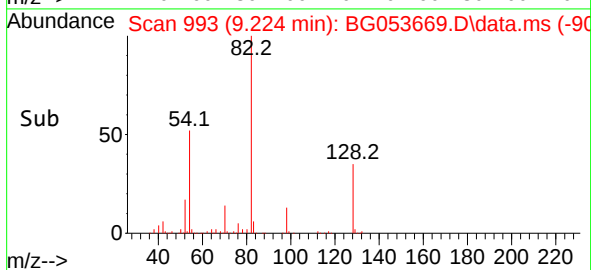
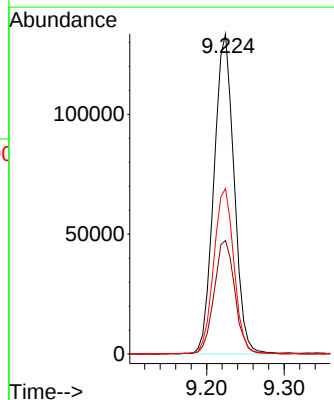
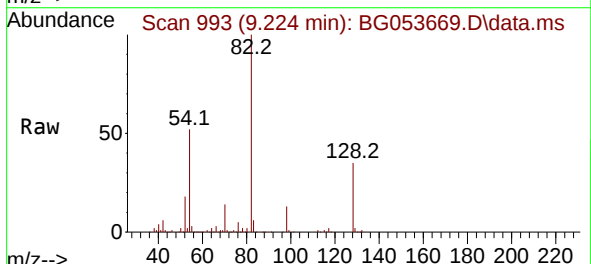
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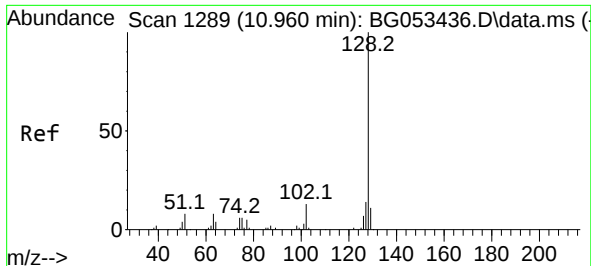
Tgt Ion:105 Resp: 11069
Ion Ratio Lower Upper
105 100
71 3.5 1.1 1.7#
51 12.3 25.4 38.0#
120 0.0 17.3 25.9#



#23
Nitrobenzene-d5
Concen: 84.622 ng
RT: 9.224 min Scan# 993
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion: 82 Resp: 241132
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 51.7 41.2 61.8

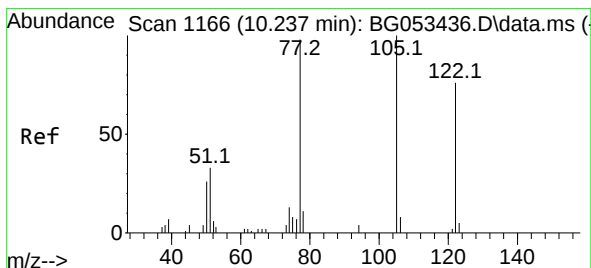
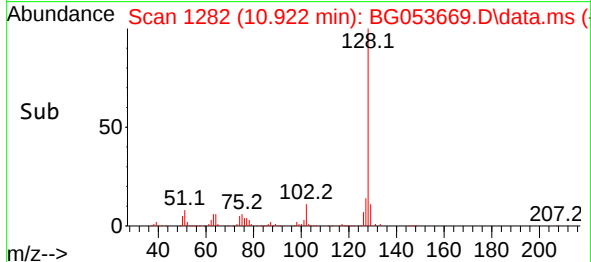
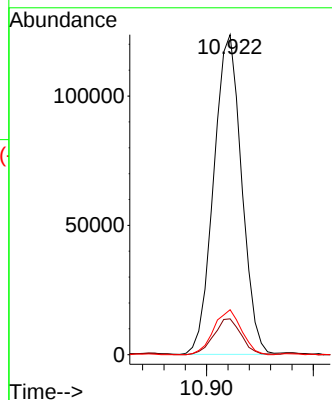
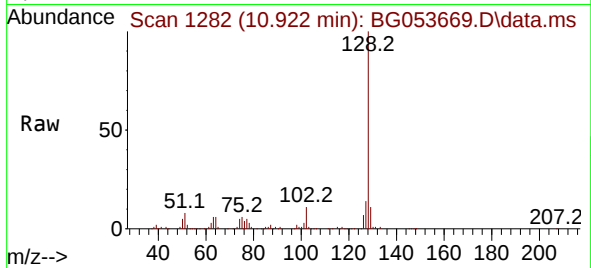




#31
Naphthalene
Concen: 36.328 ng
RT: 10.922 min Scan# 1179
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

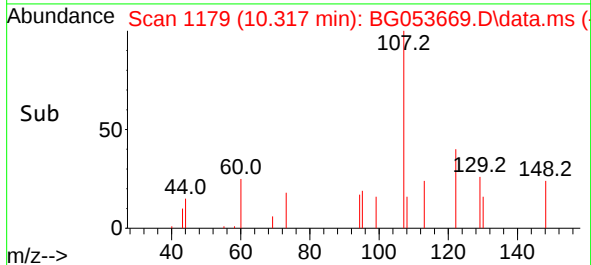
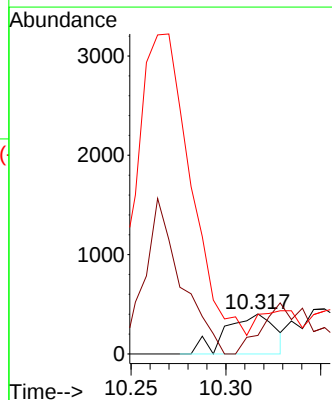
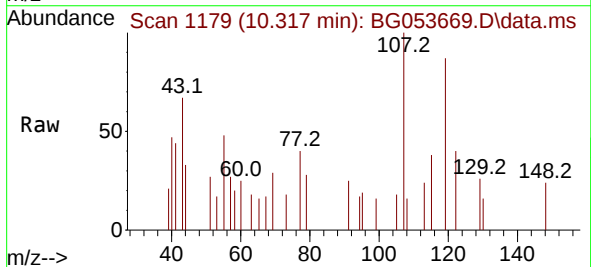
Instrument :
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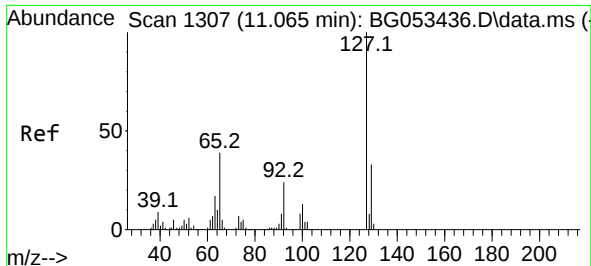
Tgt Ion:128 Resp: 224149
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 9.049 ng
RT: 10.317 min Scan# 1179
Delta R.T. 0.092 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:122 Resp: 719
Ion Ratio Lower Upper
122 100
105 46.5 111.8 151.8#
77 99.5 109.4 149.4#

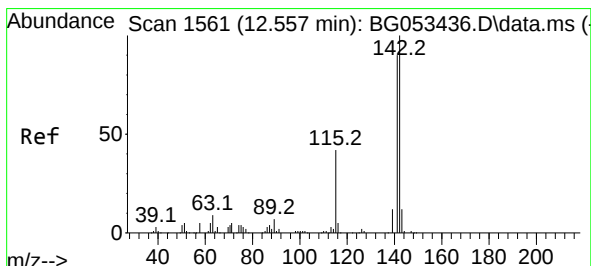
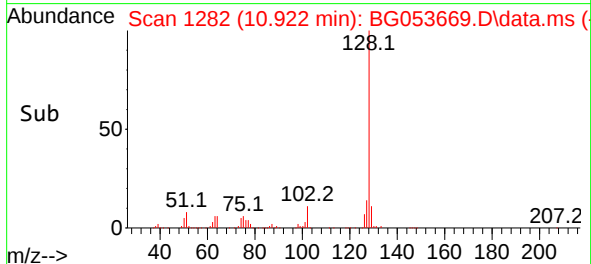
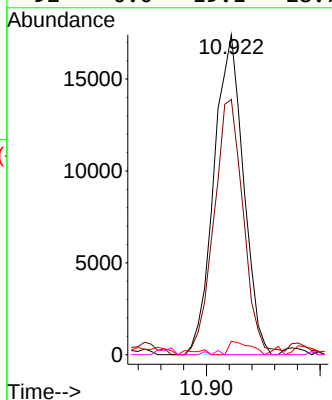
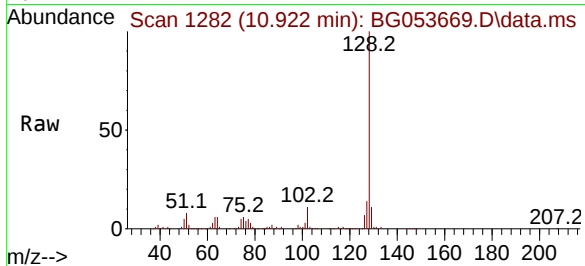




#33
4-Chloroaniline
Concen: 12.117 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.108 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

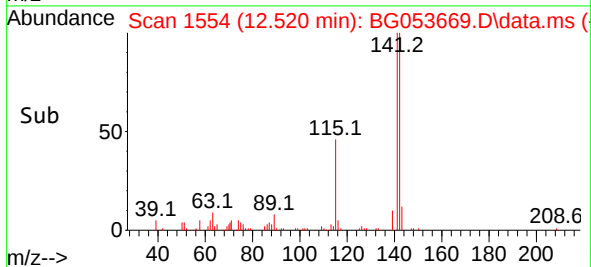
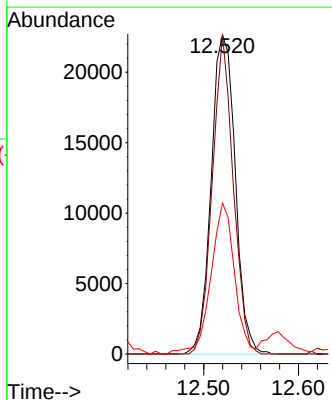
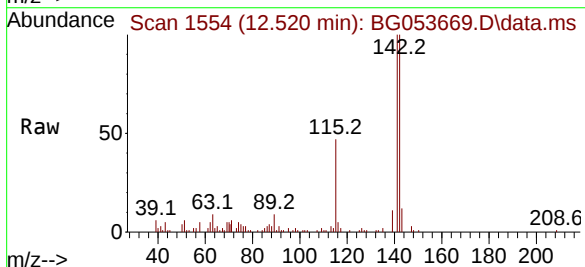
Instrument :
BNA_G
ClientSampleId :
MW-27

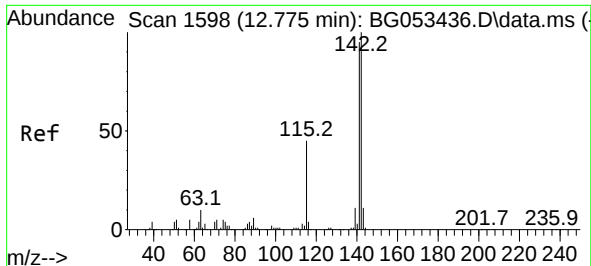
Tgt Ion:127	Resp:	31311
Ion Ratio	Lower	Upper
127	100	
129	79.7	26.3 39.5#
65	4.2	31.1 46.7#
92	0.0	19.1 28.7#



#37
2-Methylnaphthalene
Concen: 8.662 ng
RT: 12.520 min Scan# 1554
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:142	Resp:	39884
Ion Ratio	Lower	Upper
142	100	
141	100.3	72.3 108.5
115	47.3	33.7 50.5

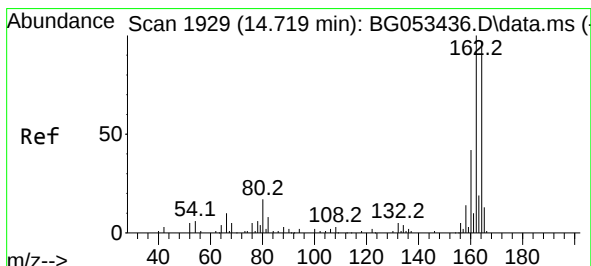
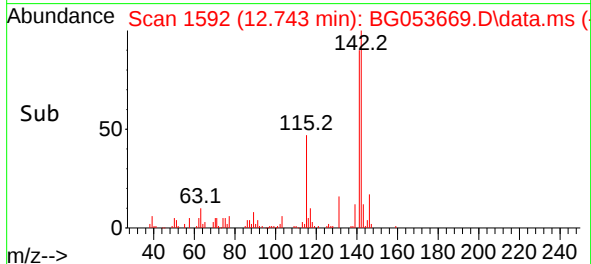
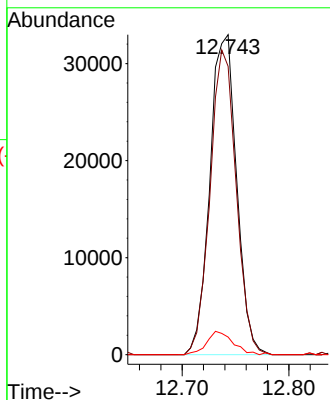
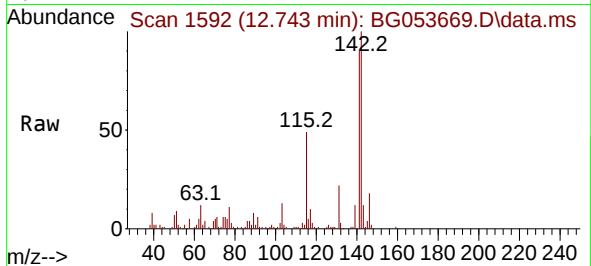




#38
1-Methylnaphthalene
Concen: 12.742 ng
RT: 12.743 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

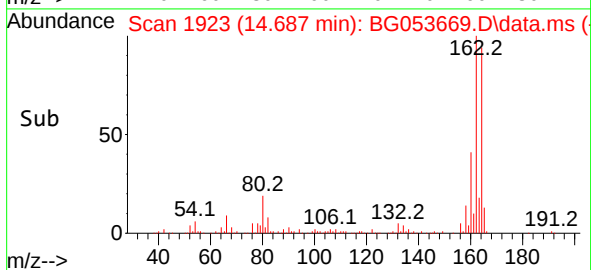
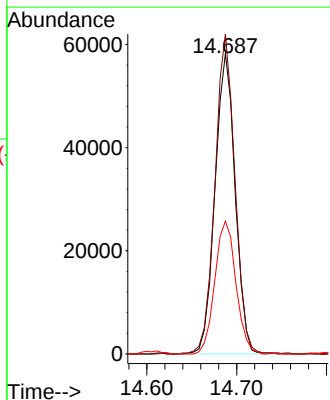
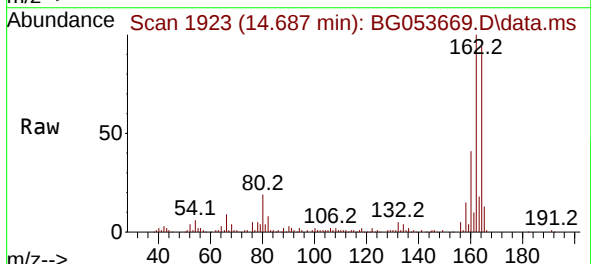
Instrument :
BNA_G
ClientSampleId :
MW-27

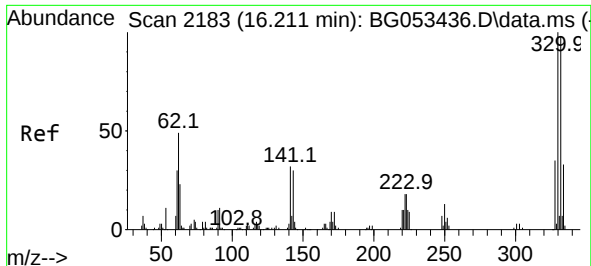
Tgt Ion:142 Resp: 57246
Ion Ratio Lower Upper
142 100
141 90.1 76.4 114.6
116 5.5 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1923
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:164 Resp: 90503
Ion Ratio Lower Upper
164 100
162 106.6 82.3 123.5
160 44.2 34.2 51.2

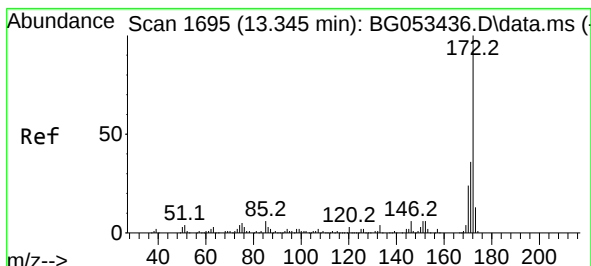
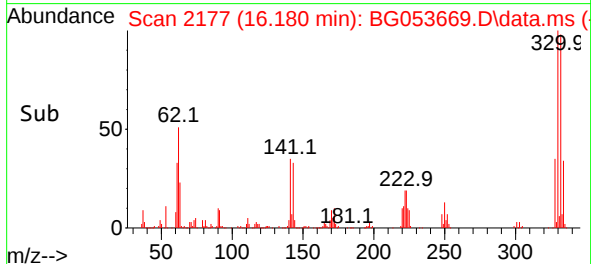
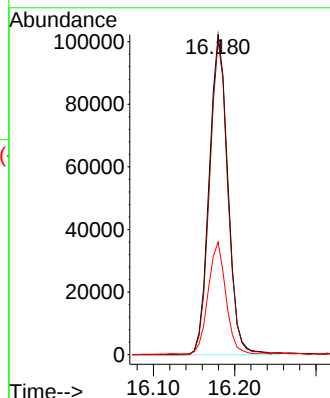
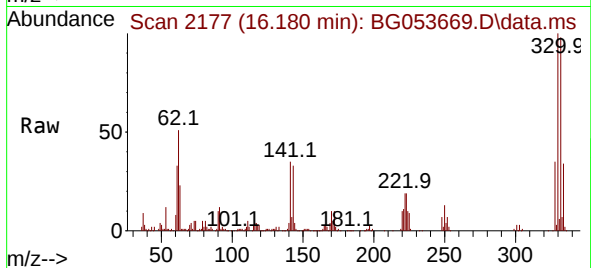




#42
2,4,6-Tribromophenol
Concen: 122.157 ng
RT: 16.180 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

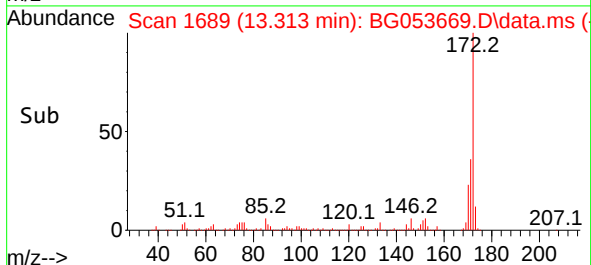
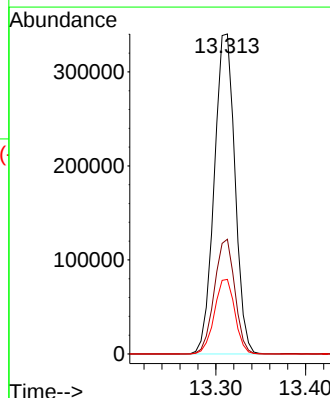
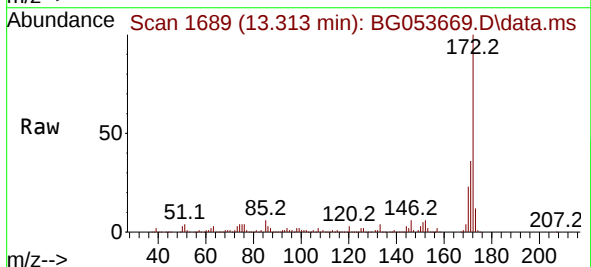
Instrument :
BNA_G
ClientSampleId :
MW-27

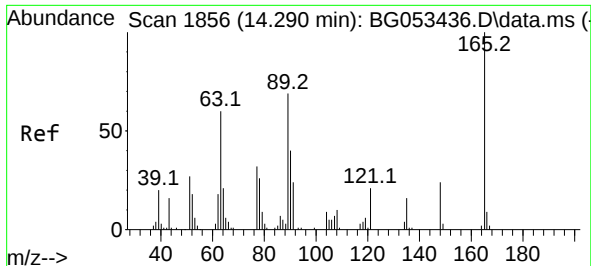
Tgt Ion:330 Resp: 163057
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 32.9 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 87.976 ng
RT: 13.313 min Scan# 1689
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:172 Resp: 544871
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 18.9 28.3

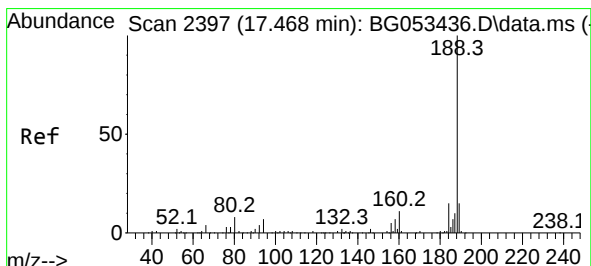
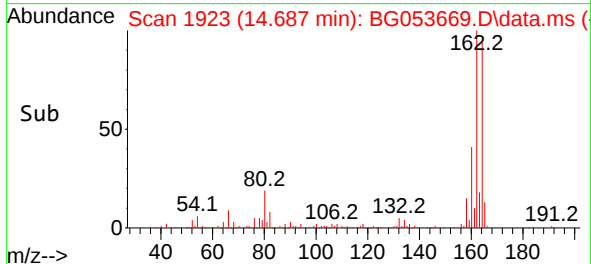
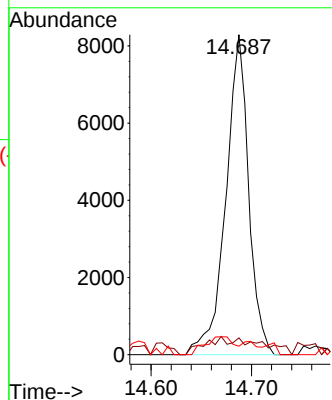
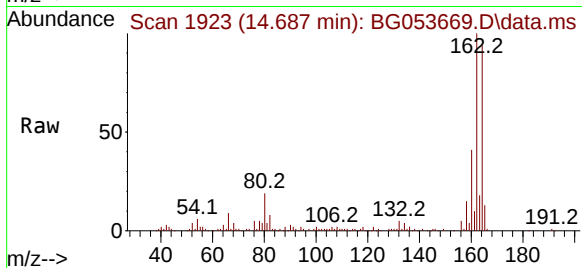




#51
2,6-Dinitrotoluene
Concen: 9.356 ng
RT: 14.687 min Scan# 1923
Delta R.T. 0.426 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

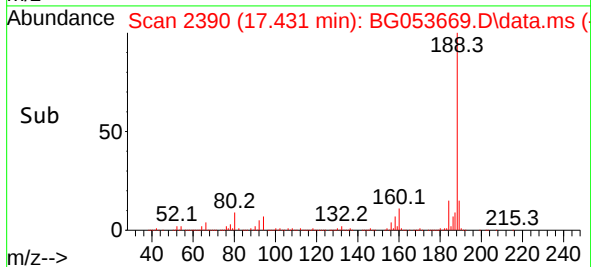
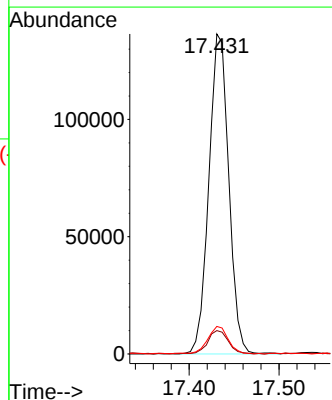
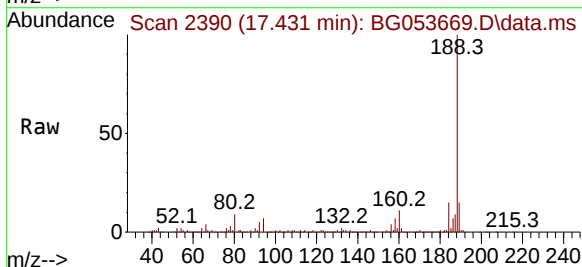
Instrument :
BNA_G
ClientSampleId :
MW-27

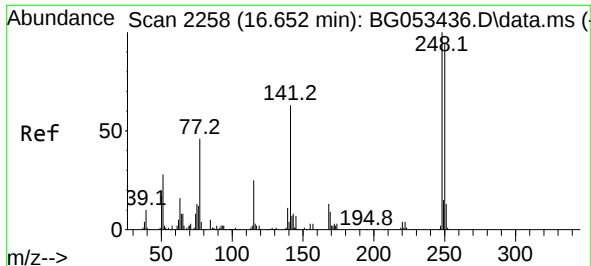
Tgt Ion:165 Resp: 13109
Ion Ratio Lower Upper
165 100
63 5.2 54.1 81.1#
89 2.6 54.8 82.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2390
Delta R.T. -0.008 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:188 Resp: 209896
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 8.6 6.8 10.2

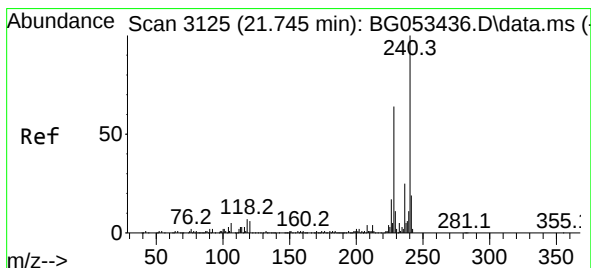
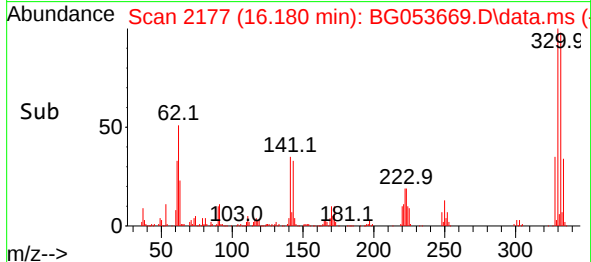
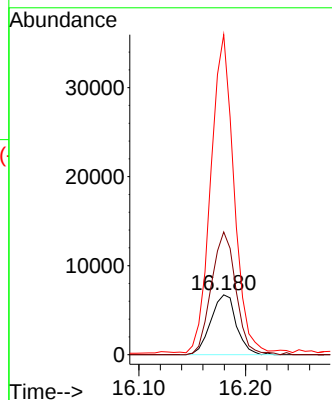
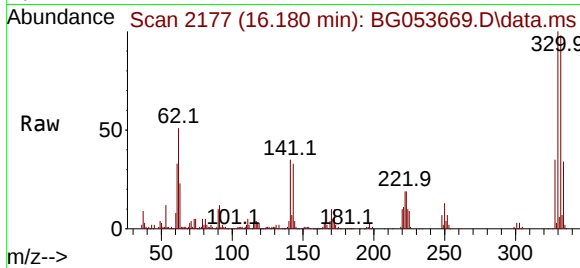




#67
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 16.180 min Scan# 21166
Delta R.T. -0.437 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

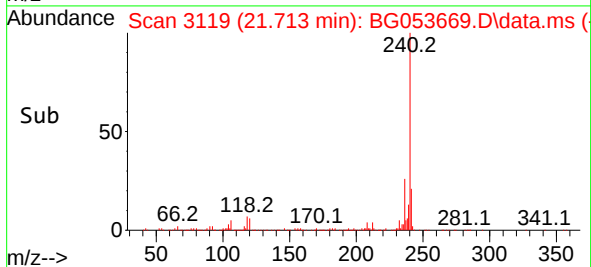
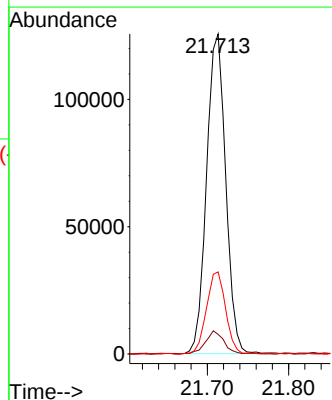
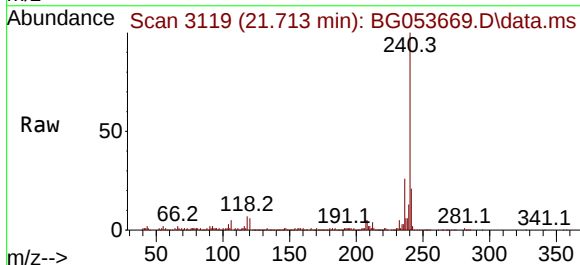
Instrument :
BNA_G
ClientSampleId :
MW-27

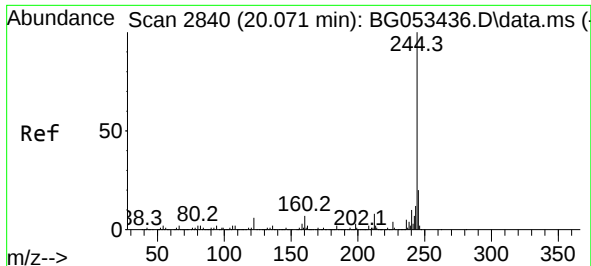
Tgt Ion:248 Resp: 11166
Ion Ratio Lower Upper
248 100
250 205.2 75.2 112.8#
141 535.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:240 Resp: 204871
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 25.6 20.2 30.4

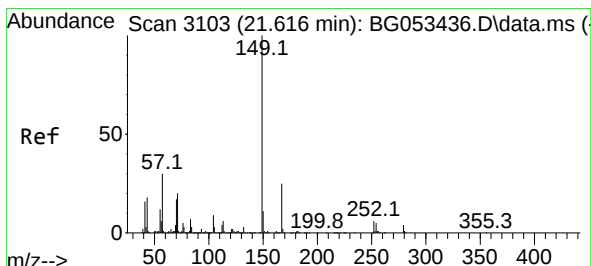
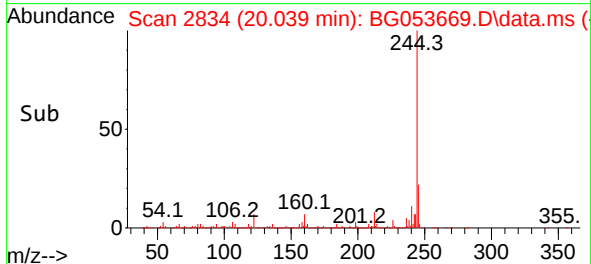
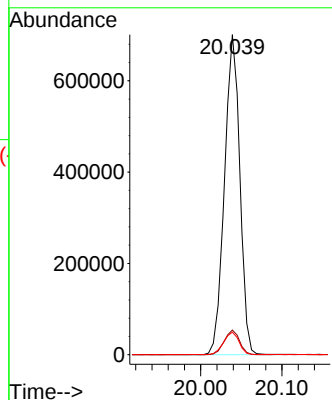
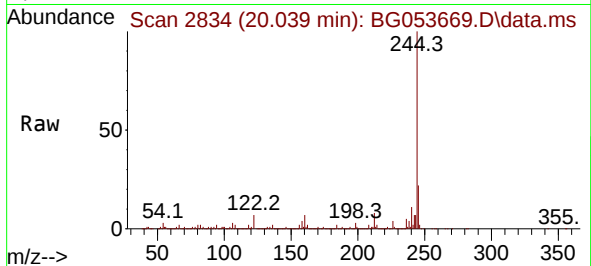




#79
 Terphenyl-d14
 Concen: 83.797 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053669.D
 Acq: 23 May 2022 18:09

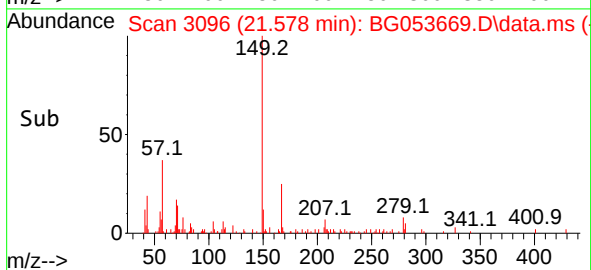
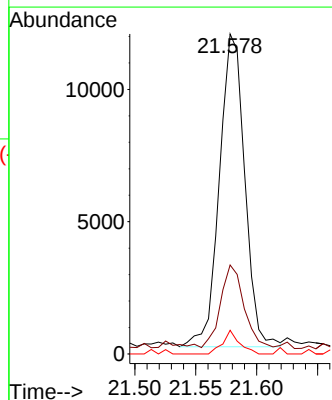
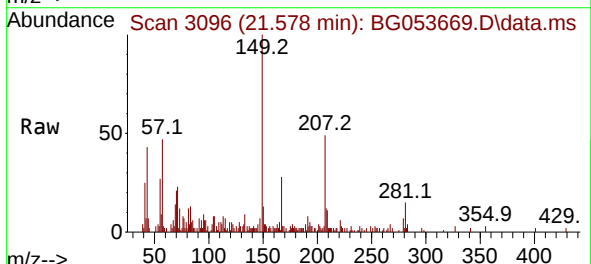
Instrument :
 BNA_G
 ClientSampleId :
 MW-27

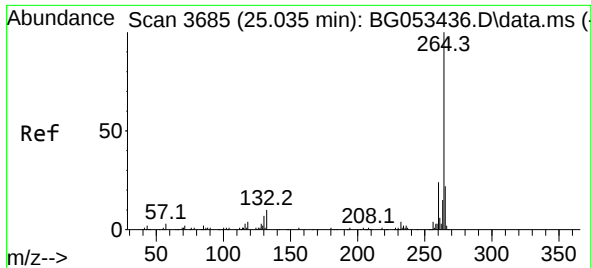
Tgt Ion:244 Resp: 921760
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.1 5.0 7.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.551 ng
 RT: 21.578 min Scan# 3096
 Delta R.T. -0.002 min
 Lab File: BG053669.D
 Acq: 23 May 2022 18:09

Tgt Ion:149 Resp: 17124
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.2 30.4
 279 7.4 3.6 5.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG053669.D
 Acq: 23 May 2022 18:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Tgt Ion:264 Resp: 211321
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 23.1 17.4 26.2

