

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060780.D
 Acq On : 4 Apr 2024 16:12
 Operator : MA/JU
 Sample : P1952-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-D-COMP

Quant Time: Apr 04 16:44:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

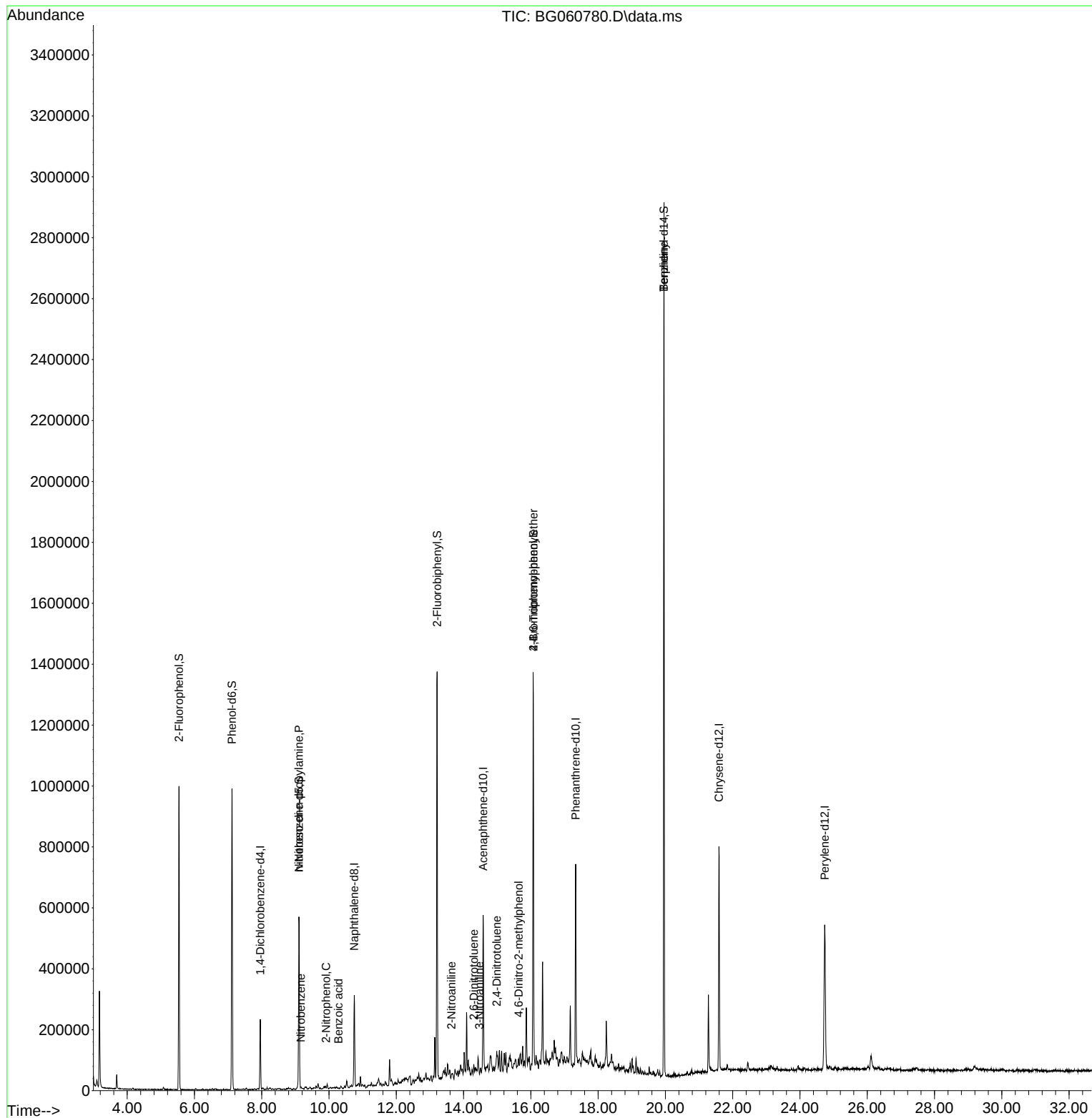
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	61570	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	231852	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	171359	20.000	ng	0.00
64) Phenanthrene-d10	17.331	188	420328	20.000	ng	0.00
76) Chrysene-d12	21.591	240	435068	20.000	ng	-0.01
86) Perylene-d12	24.735	264	520520	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	382745	103.559	ng	0.00
7) Phenol-d6	7.114	99	499743	91.091	ng	0.00
23) Nitrobenzene-d5	9.106	82	310380	76.388	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	244894	125.896	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	693811	59.422	ng	0.00
79) Terphenyl-d14	19.958	244	1433765	58.028	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.106	70	42430	10.142	ng	# 77
24) Nitrobenzene	9.159	77	78	2.789	ng	# 17
26) 2-Nitrophenol	9.911	139	78	3.014	ng	# 1
32) Benzoic acid	10.281	122	53	6.854	ng	# 50
48) 2-Nitroaniline	13.642	65	194	2.859	ng	# 11
51) 2,6-Dinitrotoluene	14.306	165	811	3.804	ng	# 53
53) 3-Nitroaniline	14.470	138	109	2.890	ng	# 32
57) 2,4-Dinitrotoluene	14.987	165	1249	3.630	ng	# 56
65) 4,6-Dinitro-2-methylph...	15.639	198	60	7.063	ng	# 1
67) 4-Bromophenyl-phenylether	16.074	248	16891	3.960	ng	# 1
77) Benzidine	19.958	184	22962	2.004	ng	# 93

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

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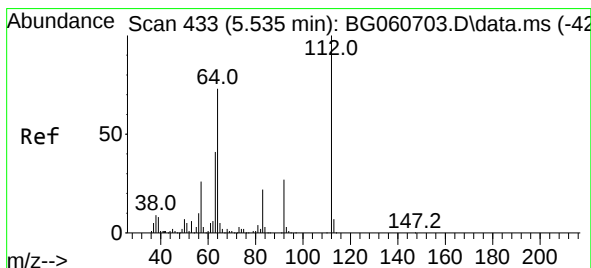
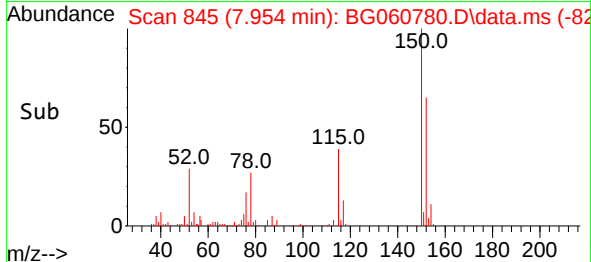
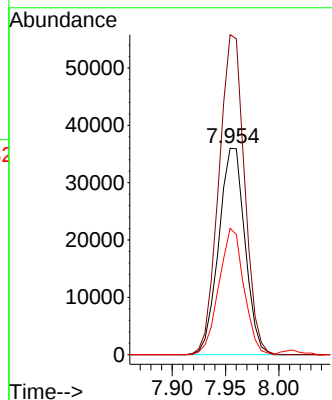
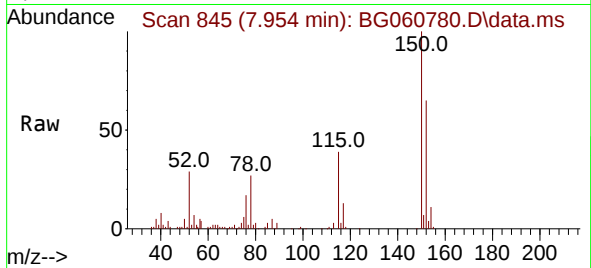




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 846
Delta R.T. -0.007 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

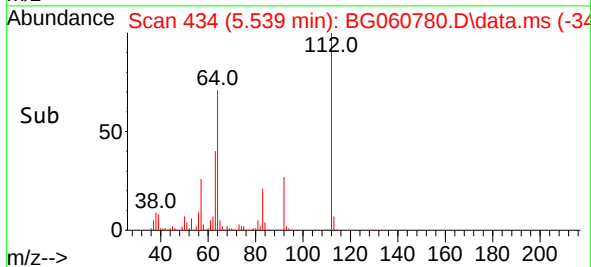
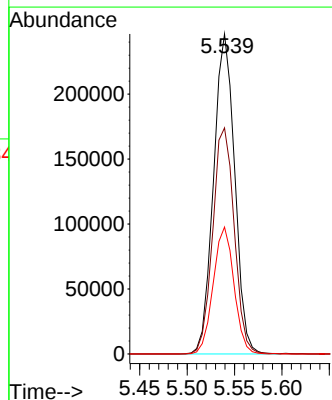
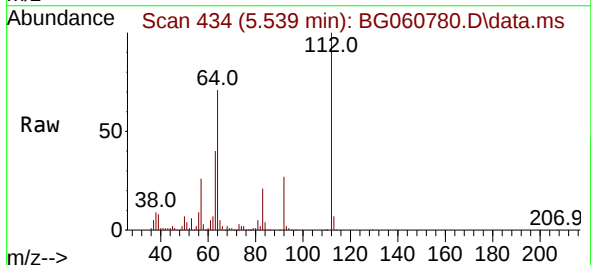
Instrument :
BNA_G
ClientSampleId :
WC-D-COMP

Tgt Ion:152 Resp: 61570
Ion Ratio Lower Upper
152 100
150 155.0 130.2 195.4
115 61.2 51.6 77.4



#5
2-Fluorophenol
Concen: 103.559 ng
RT: 5.539 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Tgt Ion:112 Resp: 382745
Ion Ratio Lower Upper
112 100
64 70.6 58.4 87.6
63 39.7 32.7 49.1

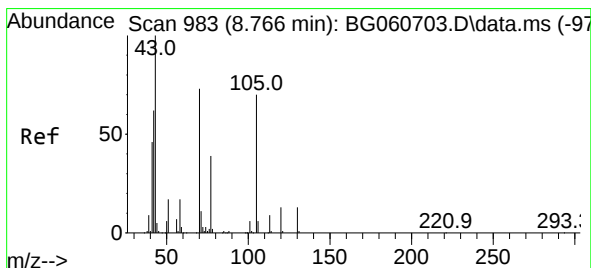
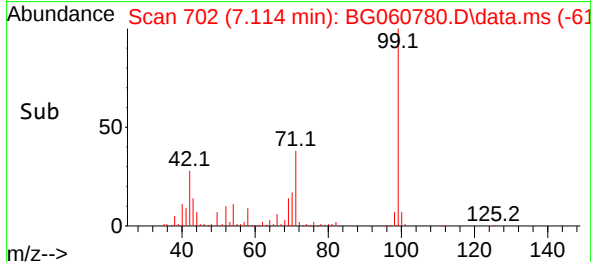
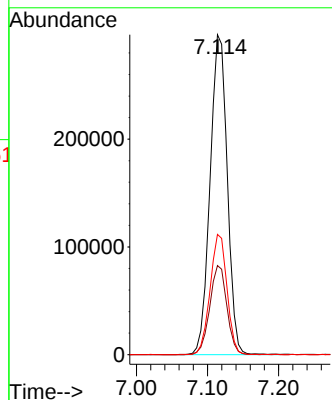
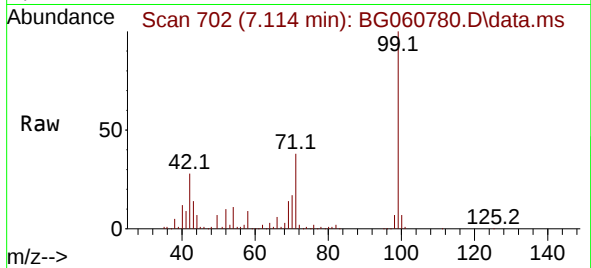




#7
Phenol-d6
Concen: 91.091 ng
RT: 7.114 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

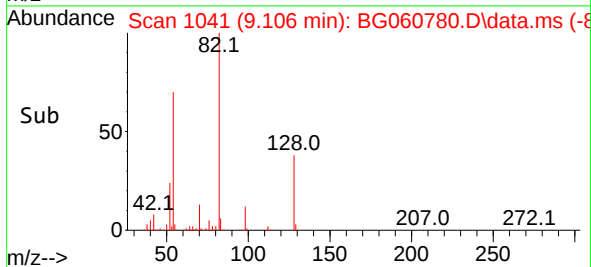
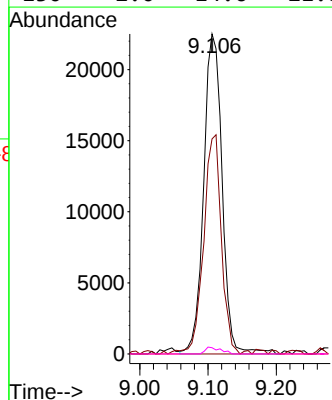
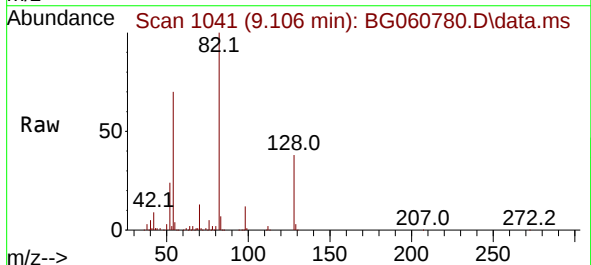
Instrument :
BNA_G
ClientSampleId :
WC-D-COMP

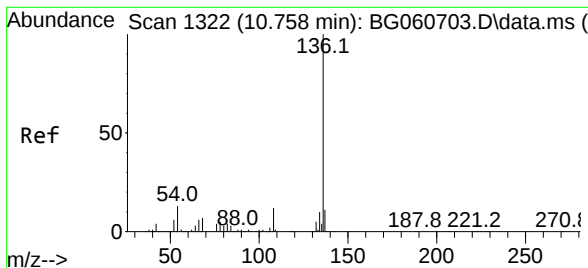
Tgt Ion: 99 Resp: 499743
Ion Ratio Lower Upper
99 100
42 27.9 19.4 29.2
71 37.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.142 ng
RT: 9.106 min Scan# 1041
Delta R.T. 0.340 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Tgt Ion: 70 Resp: 42430
Ion Ratio Lower Upper
70 100
42 67.2 68.4 102.6#
101 0.0 6.1 9.1#
130 2.0 14.6 21.8#



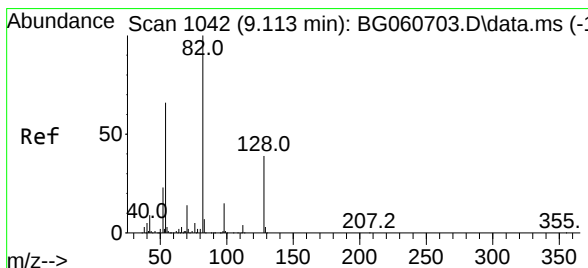
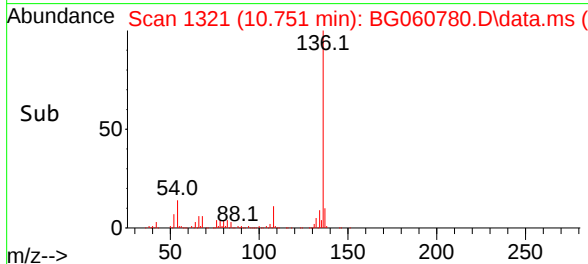
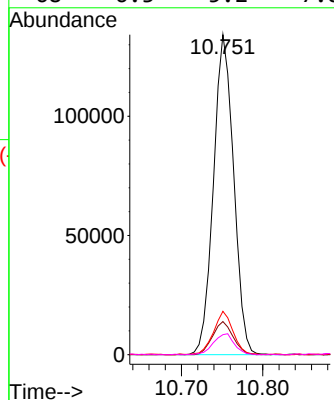
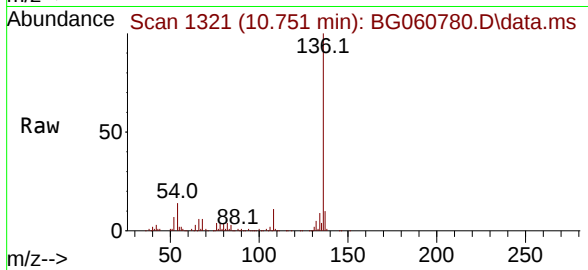


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Instrument :
BNA_G
ClientSampleId :
WC-D-COMP

Tgt Ion:136 Resp: 231852

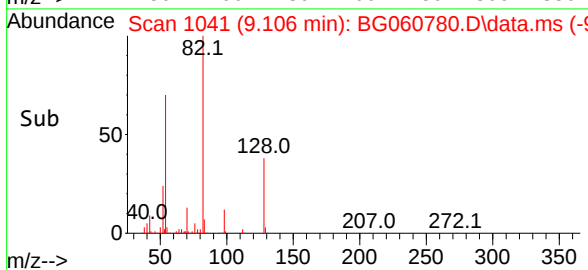
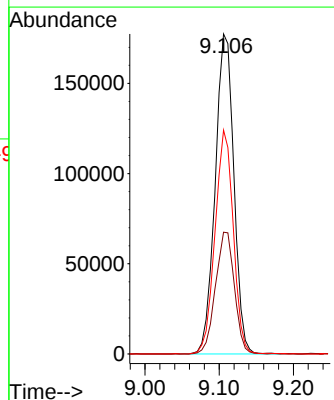
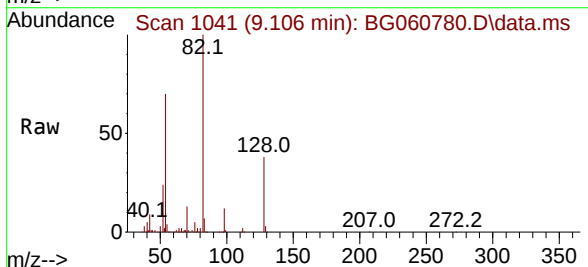
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	13.6	10.2	15.2
68	6.3	5.2	7.8

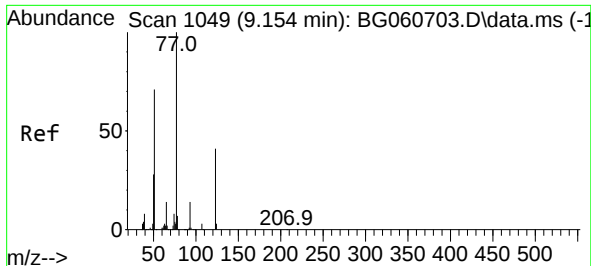


#23
Nitrobenzene-d5
Concen: 76.388 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Tgt Ion: 82 Resp: 310380

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.2	46.8
54	70.0	53.2	79.8

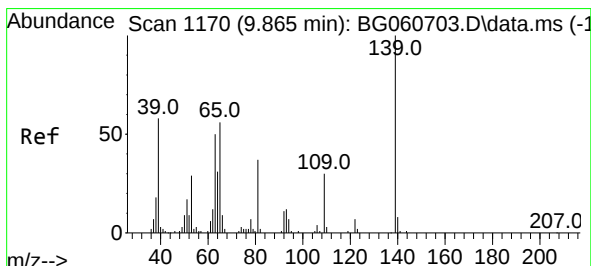
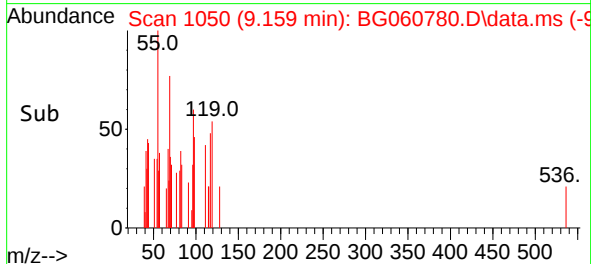
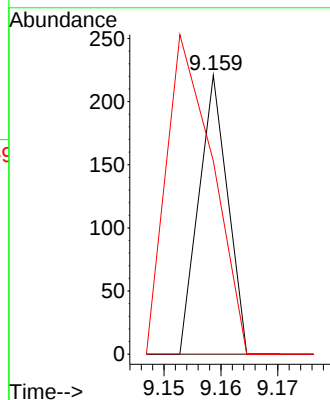
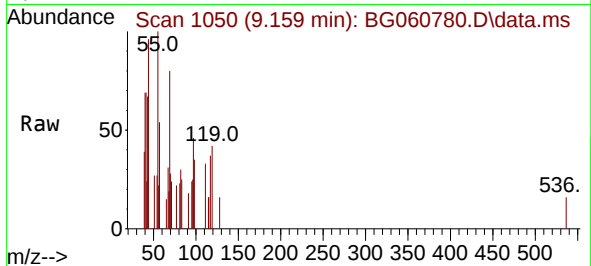




#24
Nitrobenzene
Concen: 2.789 ng
RT: 9.159 min Scan# 1049
Delta R.T. 0.005 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

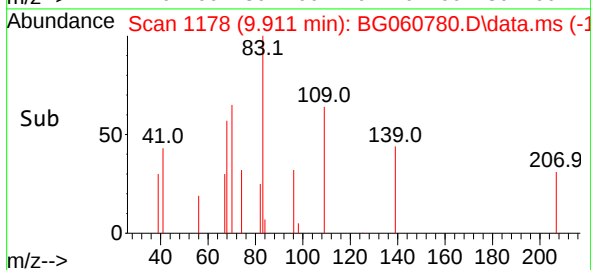
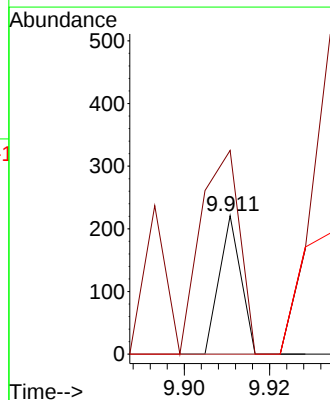
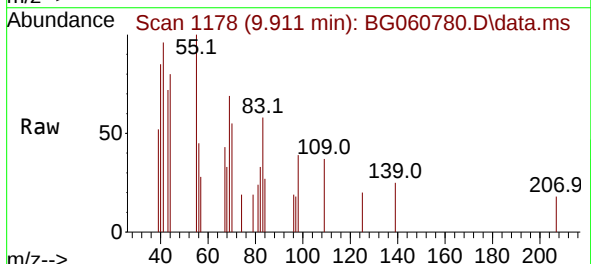
Instrument :
BNA_G
ClientSampleId :
WC-D-COMP

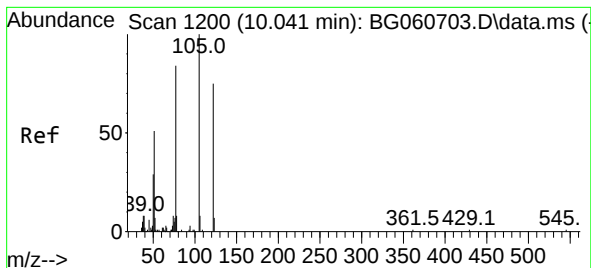
Tgt Ion: 77 Resp: 78
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 69.2 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.014 ng
RT: 9.911 min Scan# 1178
Delta R.T. 0.046 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Tgt Ion: 139 Resp: 78
Ion Ratio Lower Upper
139 100
109 147.1 23.9 35.9#
65 0.0 44.5 66.7#

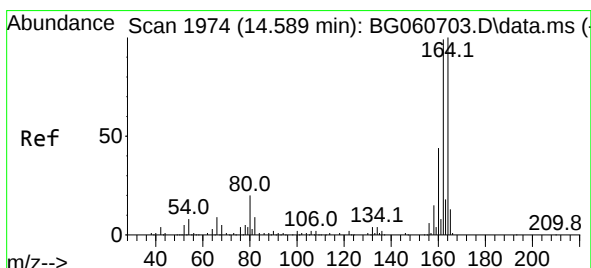
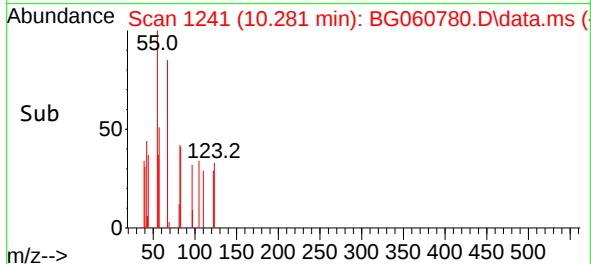
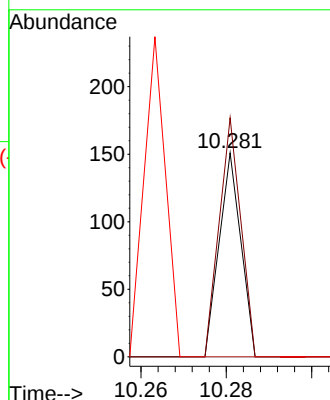
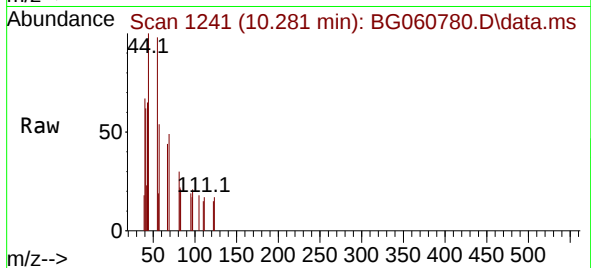




#32
Benzoic acid
Concen: 6.854 ng
RT: 10.281 min Scan# 11
Delta R.T. 0.240 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

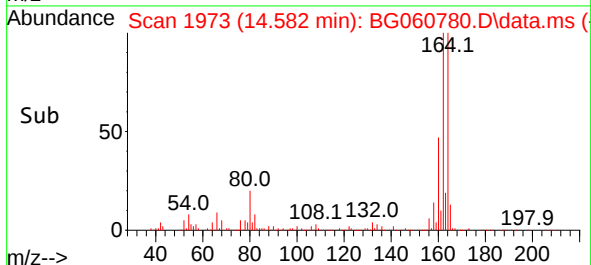
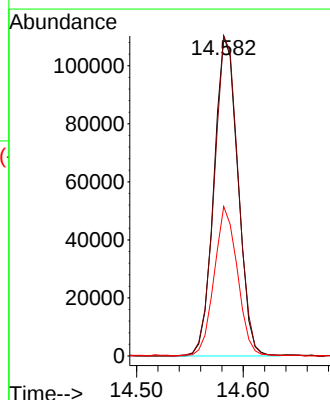
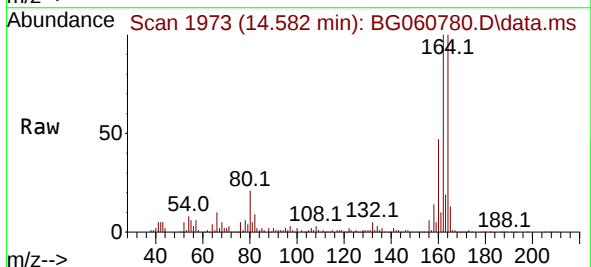
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ClientSampleId :
WC-D-COMP

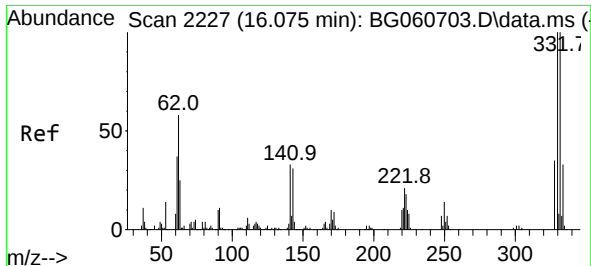
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 117.2 104.5 144.5
77 0.0 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

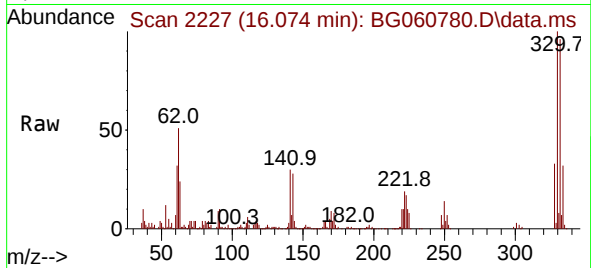
Tgt Ion:164 Resp: 171359
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 46.7 35.4 53.0



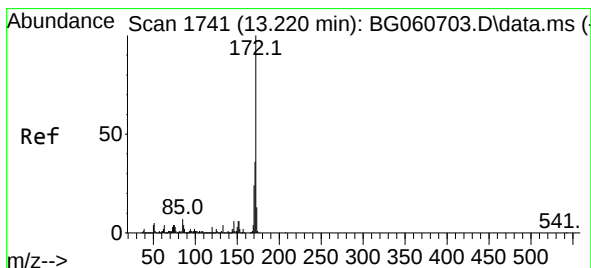
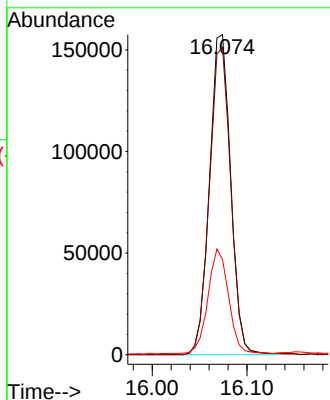
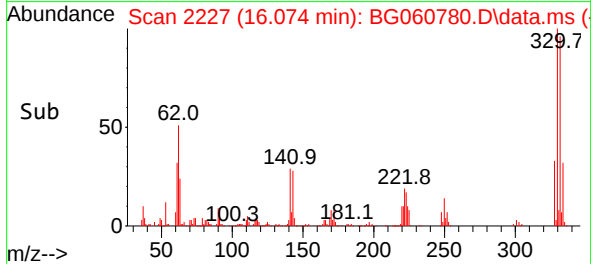


#42
2,4,6-Tribromophenol
Concen: 125.896 ng
RT: 16.074 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

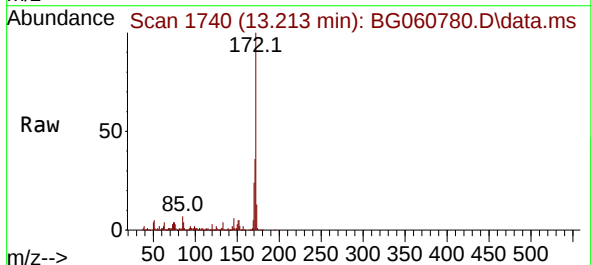
Instrument :
BNA_G
ClientSampleId :
WC-D-COMP



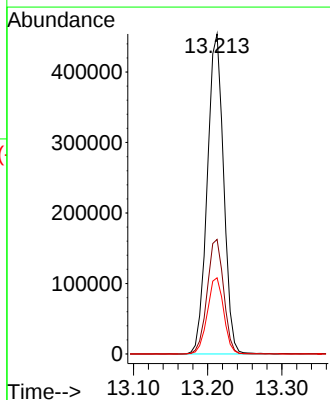
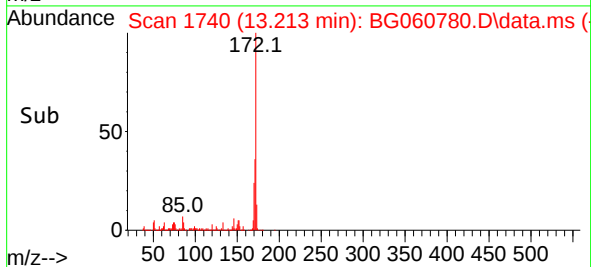
Tgt Ion:330 Resp: 244894
Ion Ratio Lower Upper
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332 96.7 78.2 117.4
141 32.1 27.0 40.6

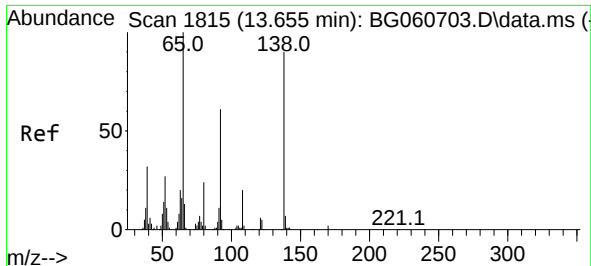


#45
2-Fluorobiphenyl
Concen: 59.422 ng
RT: 13.213 min Scan# 1740
Delta R.T. -0.007 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12



Tgt Ion:172 Resp: 693811
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.8 19.4 29.0

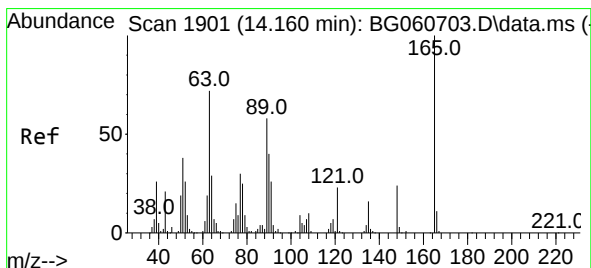
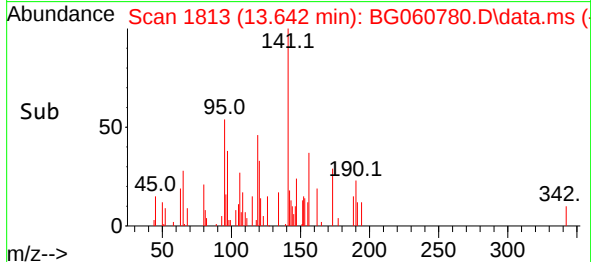
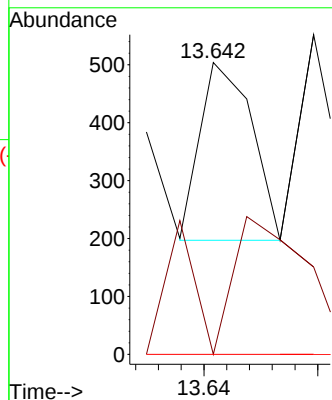
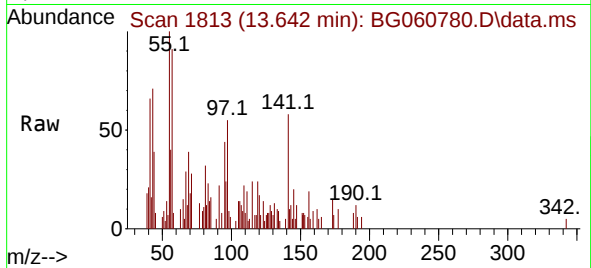




#48
2-Nitroaniline
Concen: 2.859 ng
RT: 13.642 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

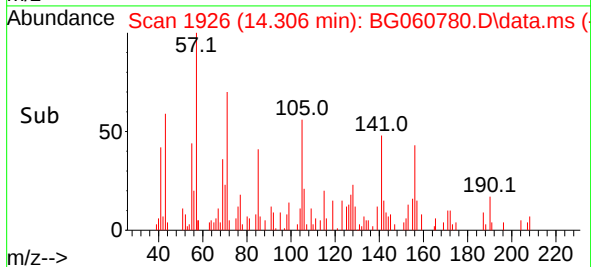
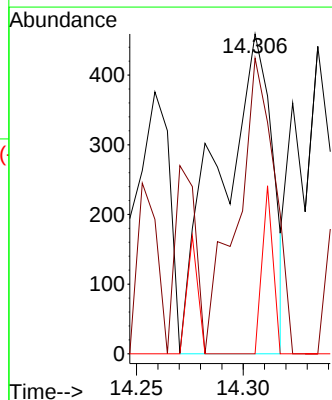
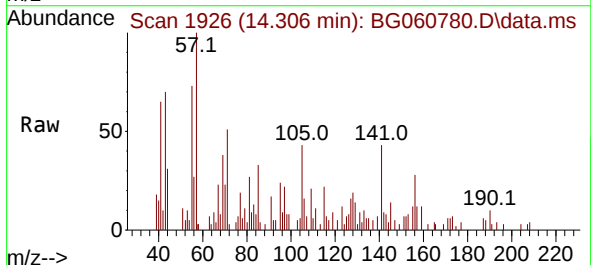
Instrument :
BNA_G
ClientSampleId :
WC-D-COMP

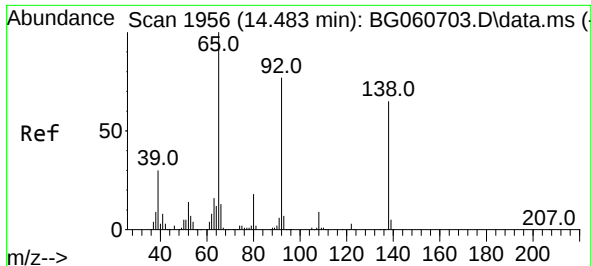
Tgt Ion: 65 Resp: 194
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 3.804 ng
RT: 14.306 min Scan# 1926
Delta R.T. 0.146 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Tgt Ion: 165 Resp: 811
Ion Ratio Lower Upper
165 100
63 92.4 58.2 87.4#
89 0.0 46.1 69.1#

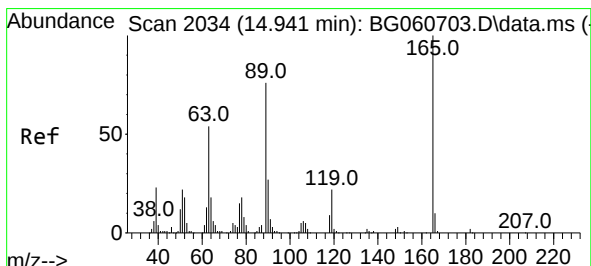
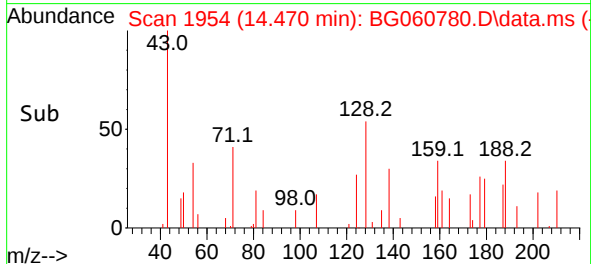
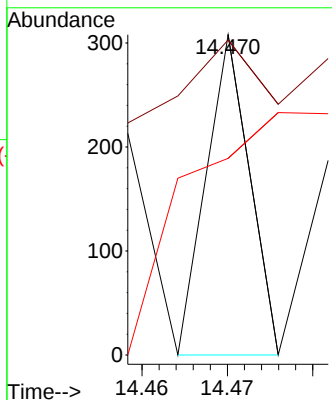
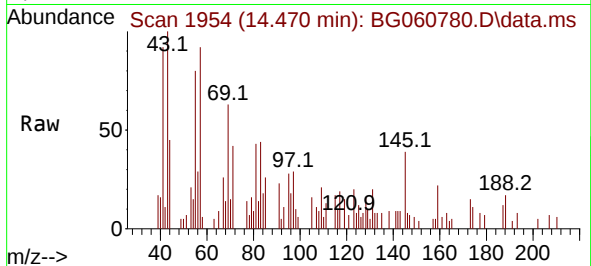




#53
3-Nitroaniline
Concen: 2.890 ng
RT: 14.470 min Scan# 1956
Delta R.T. -0.013 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

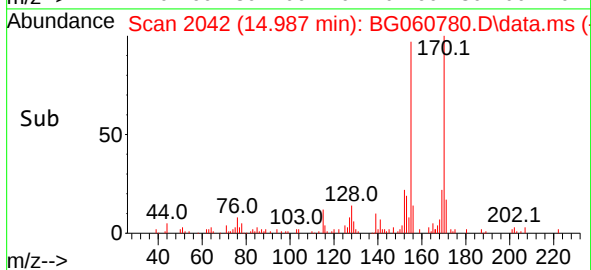
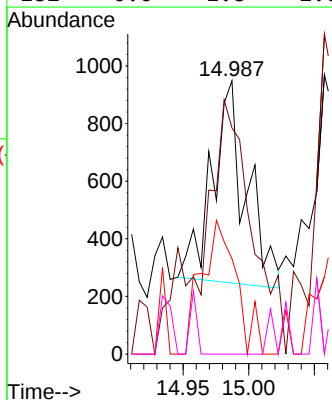
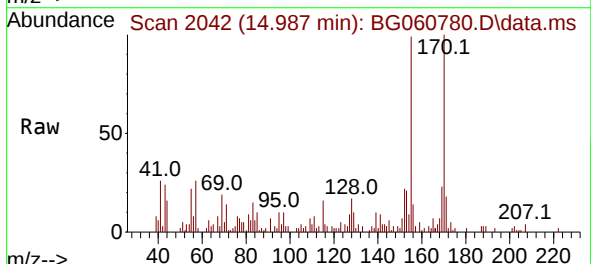
Instrument :
BNA_G
ClientSampleId :
WC-D-COMP

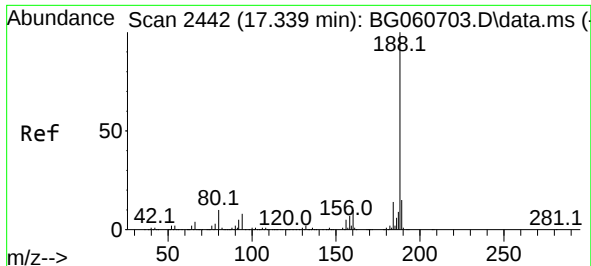
Tgt Ion:138 Resp: 109
Ion Ratio Lower Upper
138 100
108 98.4 11.3 16.9#
92 61.4 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 3.630 ng
RT: 14.987 min Scan# 2042
Delta R.T. 0.046 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Tgt Ion:165 Resp: 1249
Ion Ratio Lower Upper
165 100
63 82.7 43.4 65.0#
89 34.9 61.0 91.6#
182 0.0 1.8 2.6#

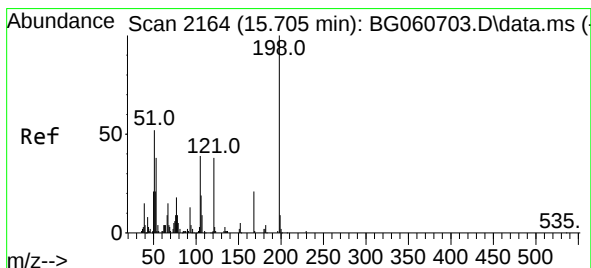
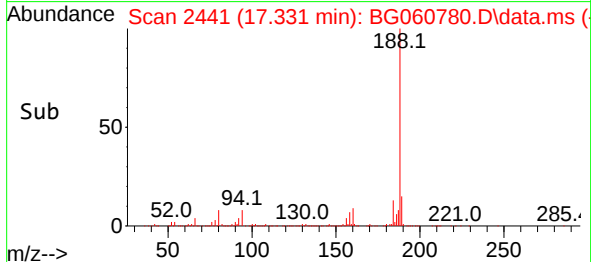
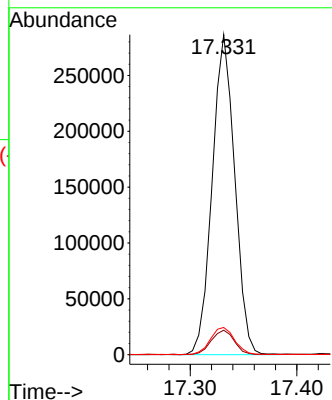
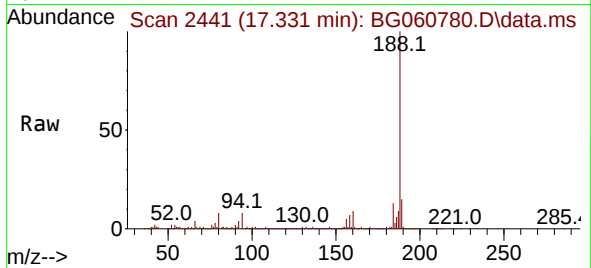




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.331 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

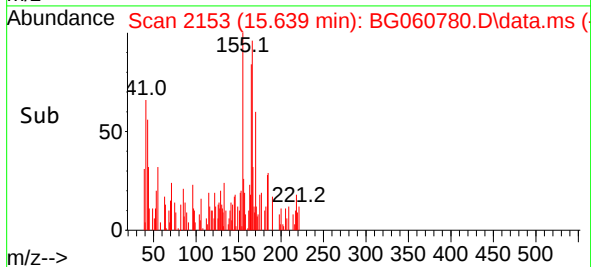
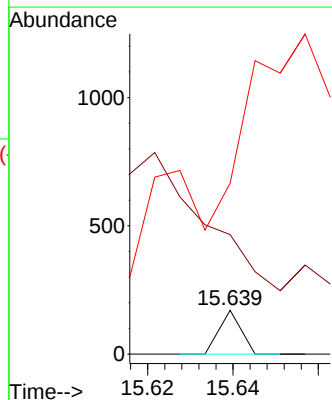
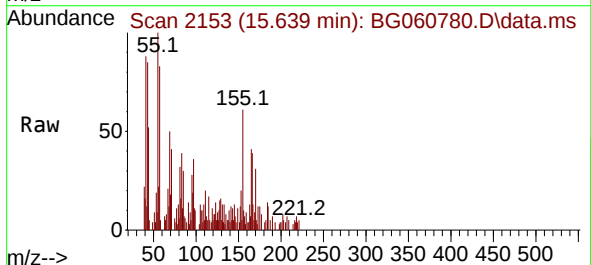
Instrument :
BNA_G
ClientSampleId :
WC-D-COMP

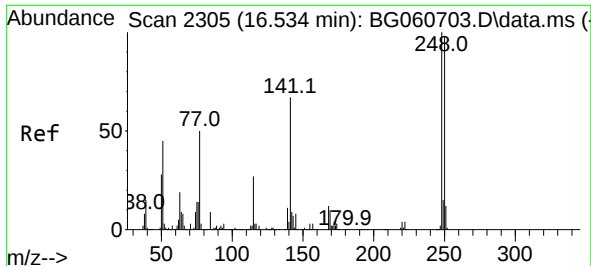
Tgt Ion:188 Resp: 420328
Ion Ratio Lower Upper
188 100
94 7.7 6.6 9.8
80 8.5 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.063 ng
RT: 15.639 min Scan# 2153
Delta R.T. -0.066 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Tgt Ion:198 Resp: 60
Ion Ratio Lower Upper
198 100
51 272.5 36.7 76.7#
105 389.5 19.1 59.1#





#67

4-Bromophenyl-phenylether

Concen: 3.960 ng

RT: 16.074 min Scan# 21

Delta R.T. -0.460 min

Lab File: BG060780.D

Acq: 4 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

WC-D-COMP

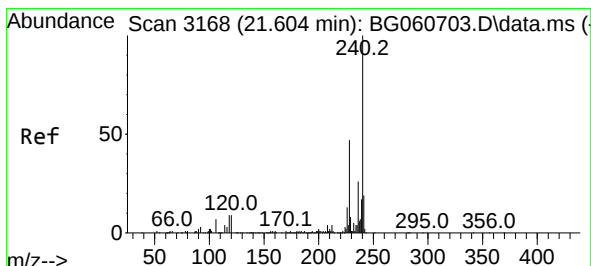
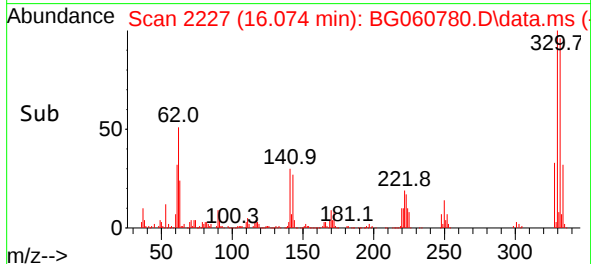
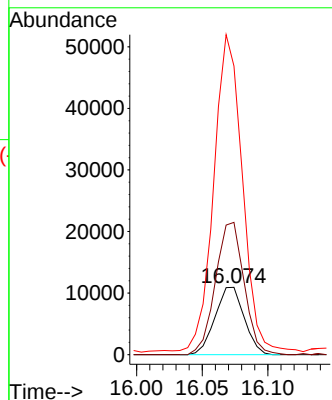
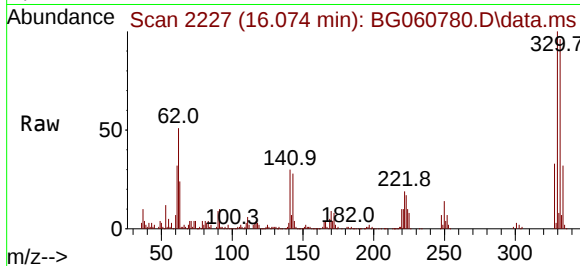
Tgt Ion:248 Resp: 16891

Ion Ratio Lower Upper

248 100

250 196.5 78.3 117.5#

141 428.6 53.7 80.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.591 min Scan# 3166

Delta R.T. -0.013 min

Lab File: BG060780.D

Acq: 4 Apr 2024 16:12

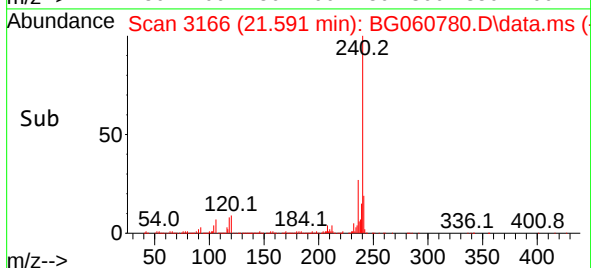
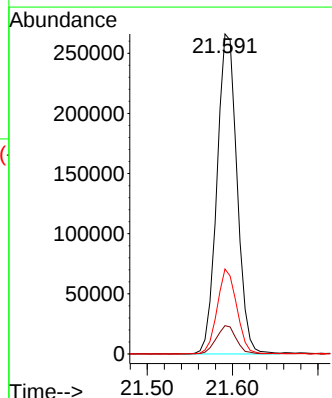
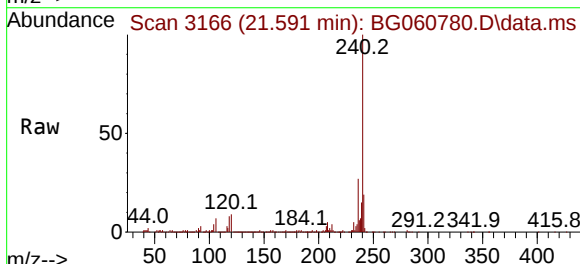
Tgt Ion:240 Resp: 435068

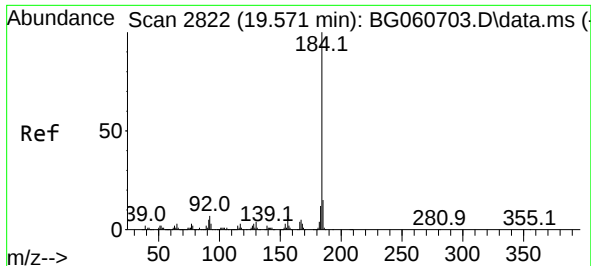
Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

236 26.6 20.7 31.1

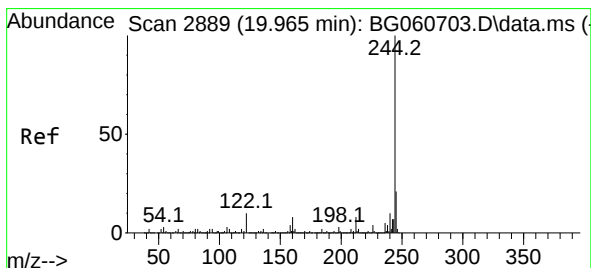
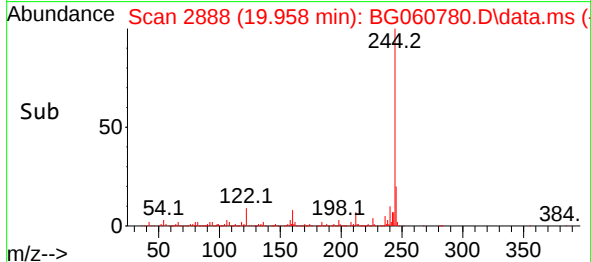
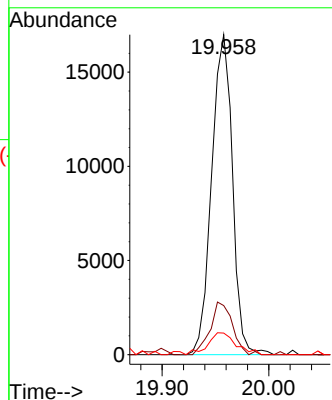
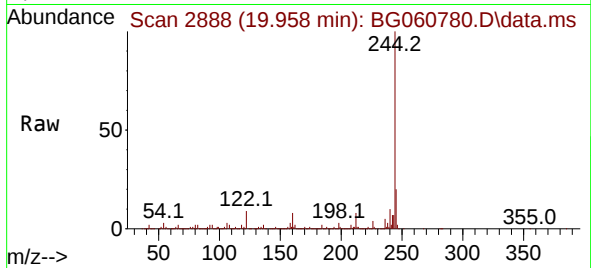




#77
Benzidine
Concen: 2.004 ng
RT: 19.958 min Scan# 2888
Delta R.T. 0.386 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

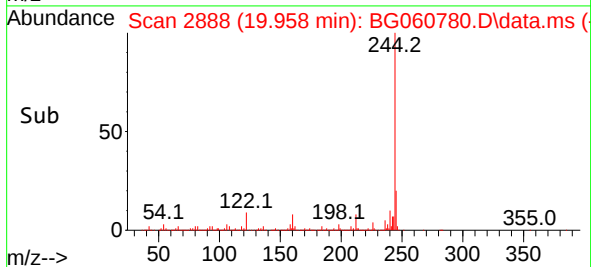
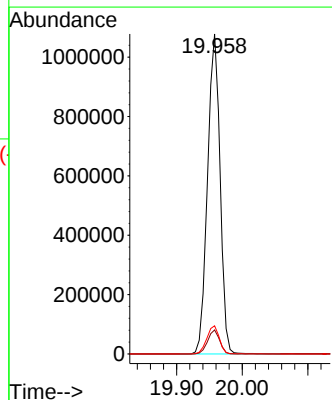
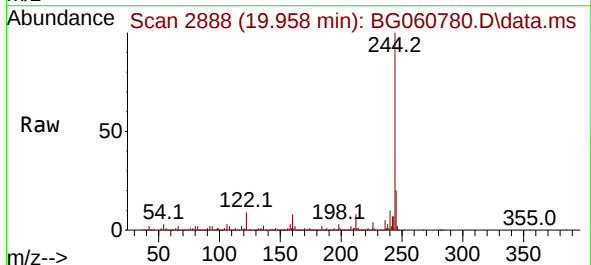
Instrument :
BNA_G
ClientSampleId :
WC-D-COMP

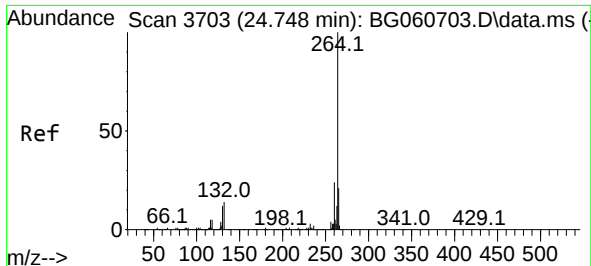
Tgt Ion:184 Resp: 22962
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.6
183 6.7 9.5 14.3#



#79
Terphenyl-d14
Concen: 58.028 ng
RT: 19.958 min Scan# 2888
Delta R.T. -0.007 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

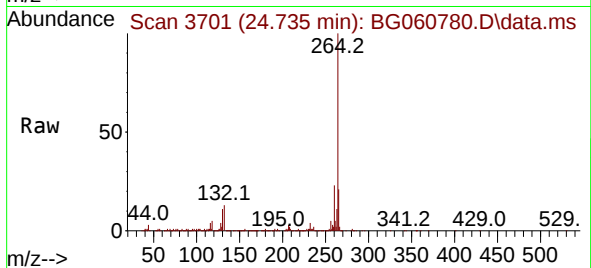
Tgt Ion:244 Resp: 1433765
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 8.8 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.735 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG060780.D
Acq: 4 Apr 2024 16:12

Instrument :
BNA_G
ClientSampleId :
WC-D-COMP



Tgt Ion:264 Resp: 520520

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.2	16.9	25.3

