

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060779.D
 Acq On : 4 Apr 2024 15:31
 Operator : MA/JU
 Sample : P1952-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-C-COMP

Quant Time: Apr 04 16:04:16 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)

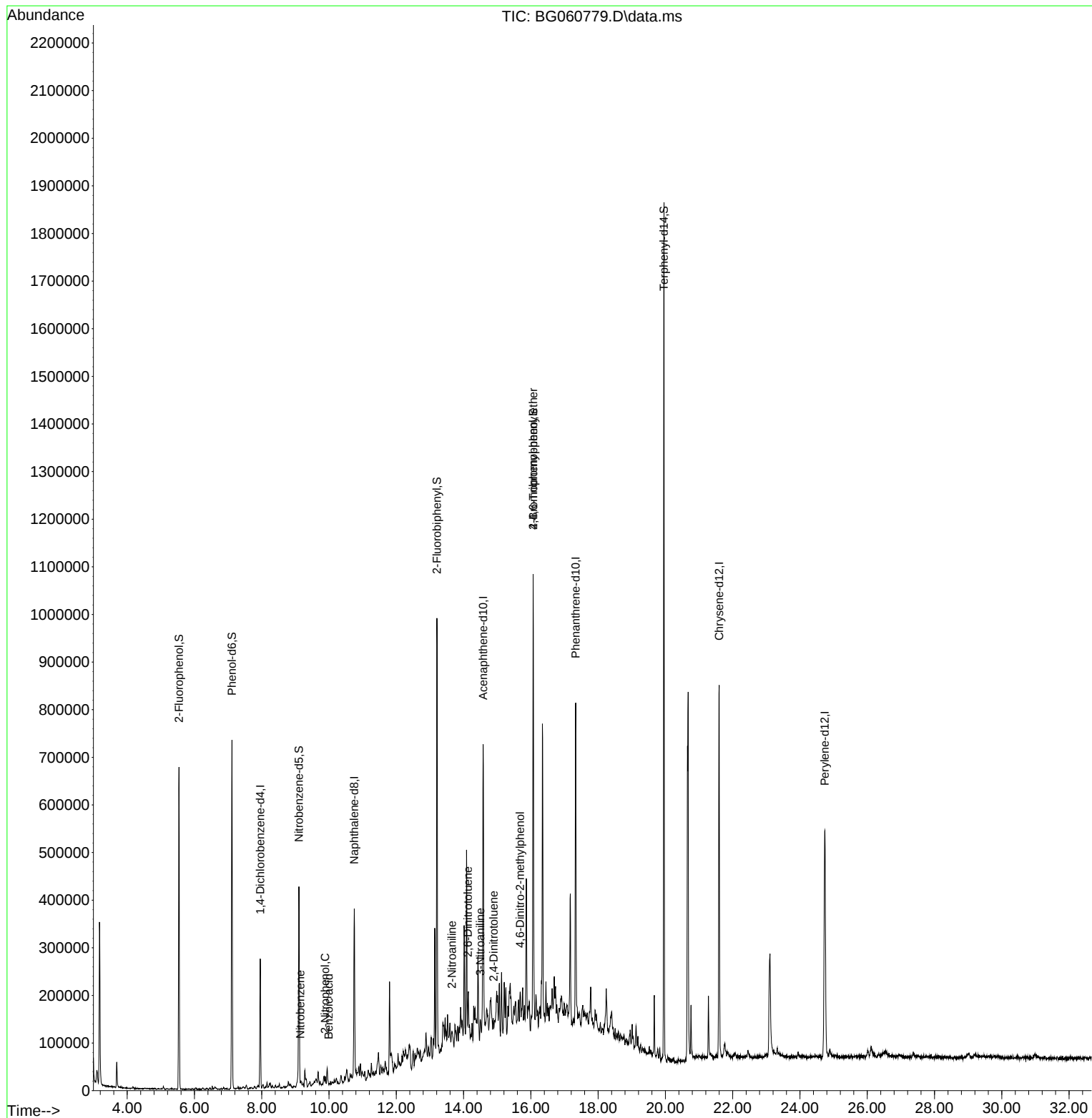
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	69735	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	270030	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	196303	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	447697	20.000	ng	0.00
76) Chrysene-d12	21.598	240	452970	20.000	ng	0.00
86) Perylene-d12	24.741	264	543080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	264201	63.115	ng	0.00
7) Phenol-d6	7.115	99	366296	58.950	ng	0.00
23) Nitrobenzene-d5	9.107	82	223900	47.314	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	171453	76.941	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	461809	34.526	ng	-0.01
79) Terphenyl-d14	19.959	244	901616	35.049	ng	0.00
Target Compounds						
					Qvalue	
24) Nitrobenzene	9.148	77	380	2.841	ng	# 20
26) 2-Nitrophenol	9.882	139	67	3.000	ng	# 1
32) Benzoic acid	9.988	122	371	6.945	ng	# 67
48) 2-Nitroaniline	13.654	65	768	3.028	ng	# 61
51) 2,6-Dinitrotoluene	14.130	165	1058	3.847	ng	# 69
53) 3-Nitroaniline	14.495	138	1591	3.342	ng	# 26
57) 2,4-Dinitrotoluene	14.894	165	1624	3.682	ng	# 49
65) 4,6-Dinitro-2-methylph...	15.681	198	331	7.187	ng	# 1
67) 4-Bromophenyl-phenylether	16.069	248	11783	2.593	ng	# 1

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

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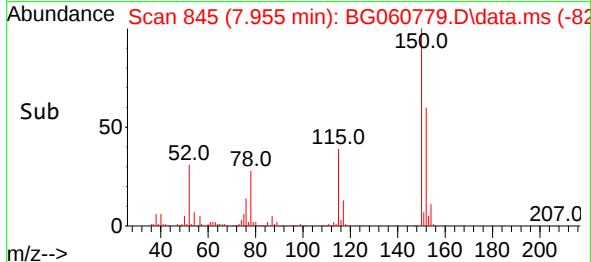
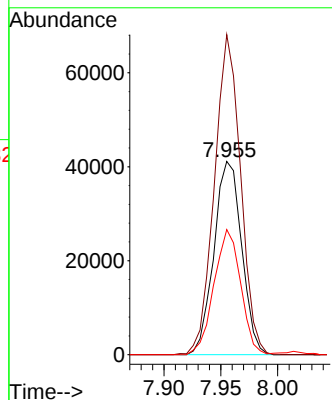
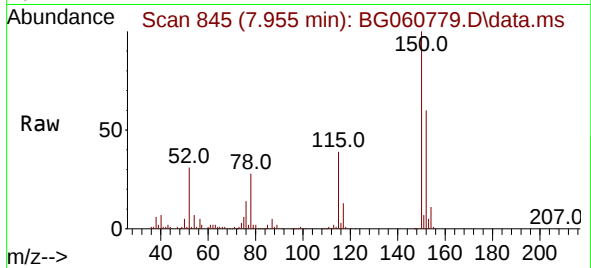




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

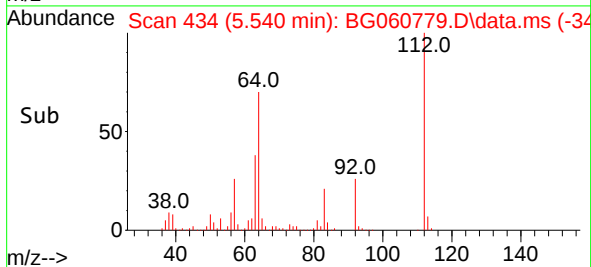
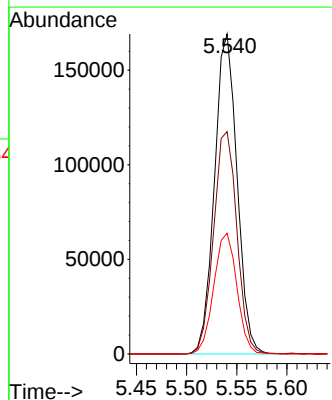
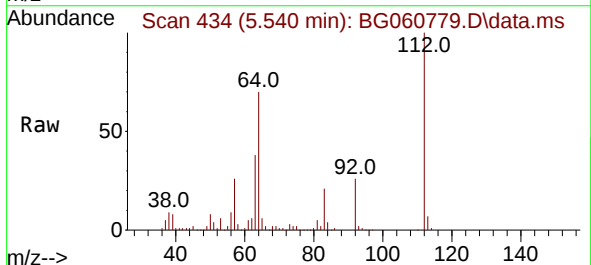
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

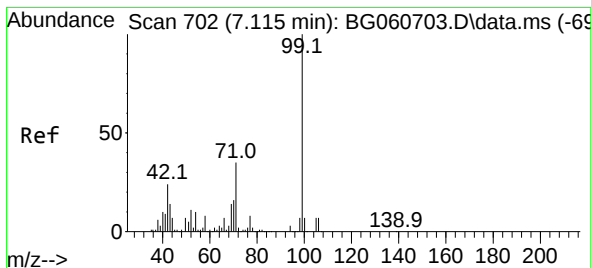
Tgt Ion:152 Resp: 69735
Ion Ratio Lower Upper
152 100
150 165.6 130.2 195.4
115 64.8 51.6 77.4



#5
2-Fluorophenol
Concen: 63.115 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

Tgt Ion:112 Resp: 264201
Ion Ratio Lower Upper
112 100
64 69.5 58.4 87.6
63 37.8 32.7 49.1





#7

Phenol-d6

Concen: 58.950 ng

RT: 7.115 min Scan# 702

Delta R.T. -0.000 min

Lab File: BG060779.D

Acq: 4 Apr 2024 15:31

Instrument :

BNA_G

ClientSampleId :

WC-C-COMP

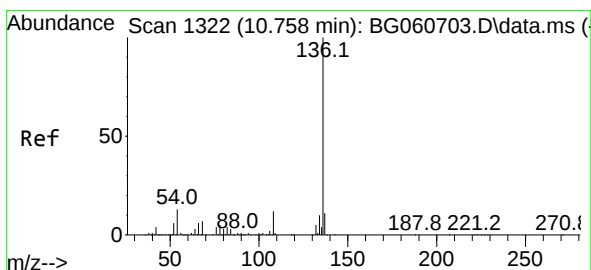
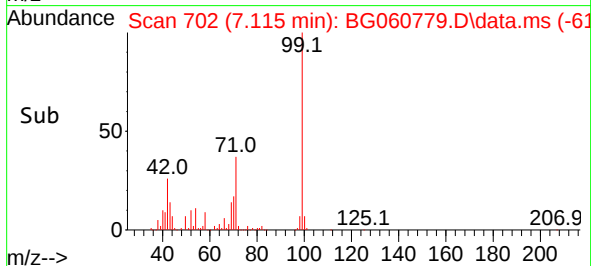
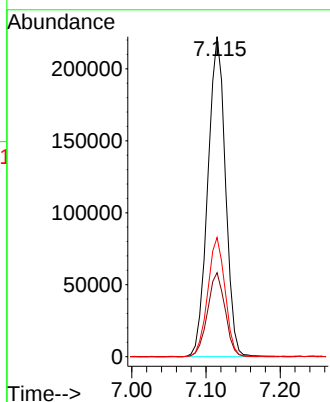
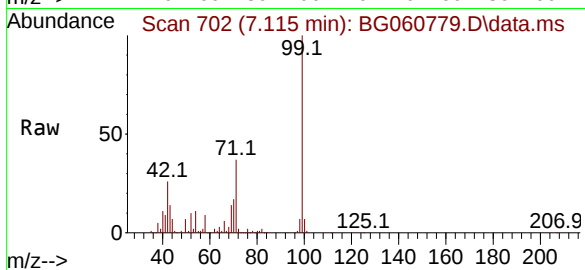
Tgt Ion: 99 Resp: 366296

Ion Ratio Lower Upper

99 100

42 26.3 19.4 29.2

71 37.3 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.752 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BG060779.D

Acq: 4 Apr 2024 15:31

Tgt Ion: 136 Resp: 270030

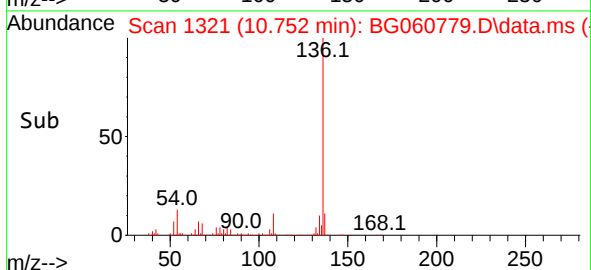
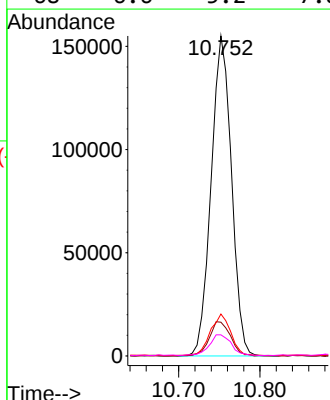
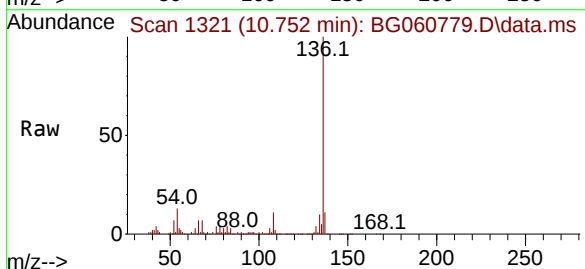
Ion Ratio Lower Upper

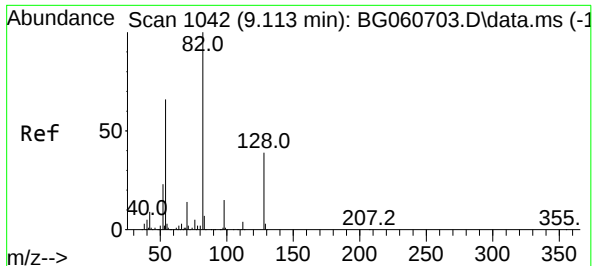
136 100

137 10.6 8.8 13.2

54 13.1 10.2 15.2

68 6.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 47.314 ng

RT: 9.107 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BG060779.D

Acq: 4 Apr 2024 15:31

Instrument :

BNA_G

ClientSampleId :

WC-C-COMP

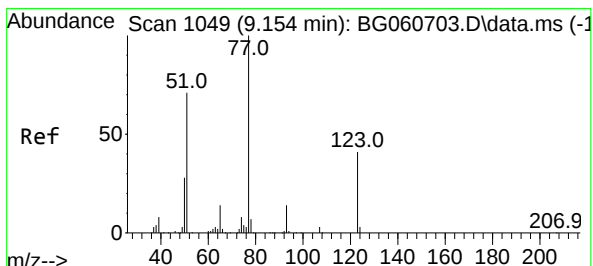
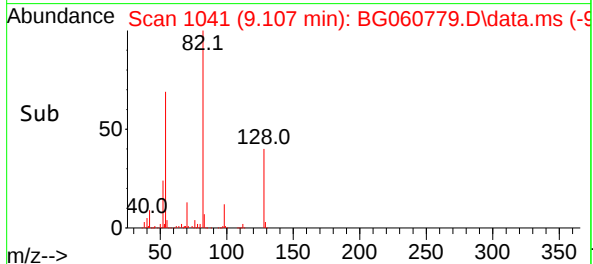
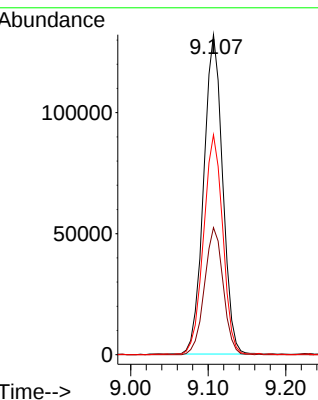
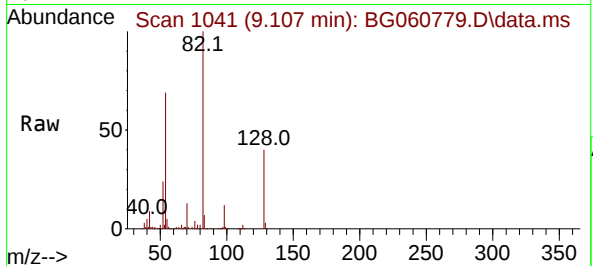
Tgt Ion: 82 Resp: 223900

Ion Ratio Lower Upper

82 100

128 39.7 31.2 46.8

54 68.7 53.2 79.8



#24

Nitrobenzene

Concen: 2.841 ng

RT: 9.148 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BG060779.D

Acq: 4 Apr 2024 15:31

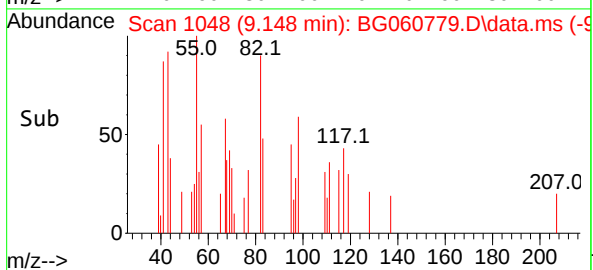
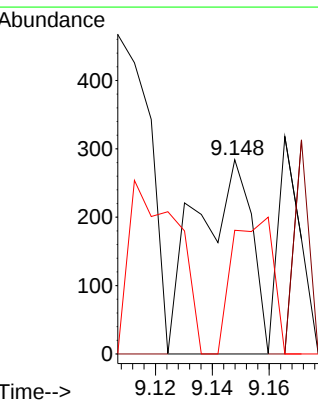
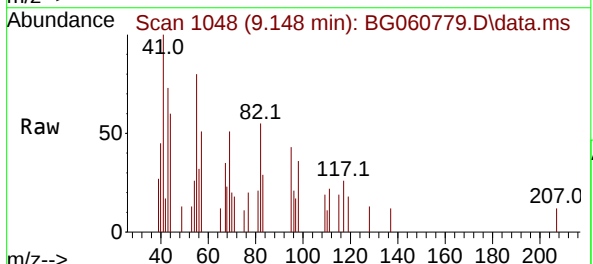
Tgt Ion: 77 Resp: 380

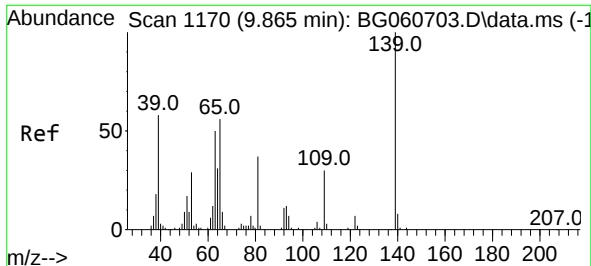
Ion Ratio Lower Upper

77 100

123 0.0 32.7 49.1#

65 63.7 11.3 16.9#

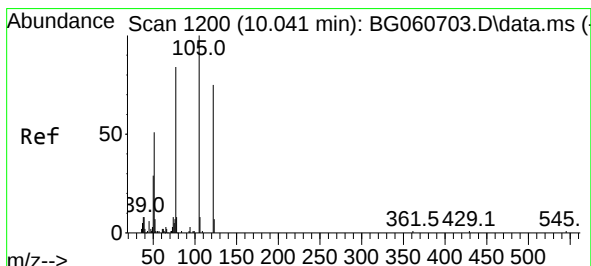
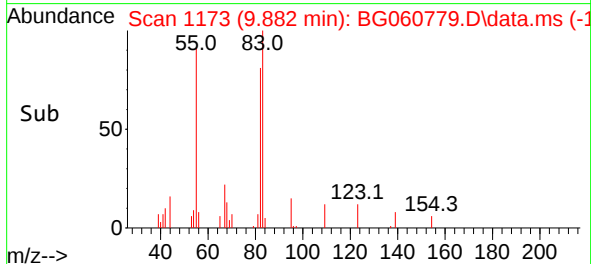
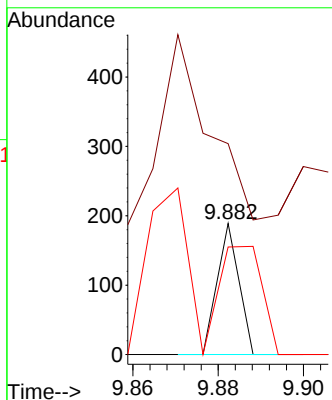
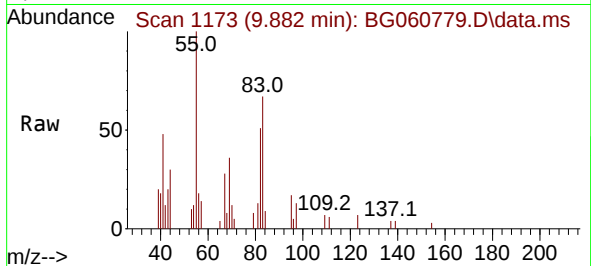




#26
2-Nitrophenol
Concen: 3.000 ng
RT: 9.882 min Scan# 1170
Delta R.T. 0.017 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

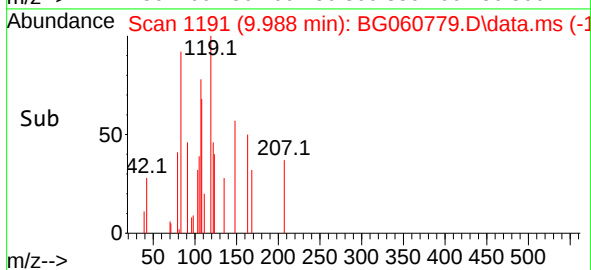
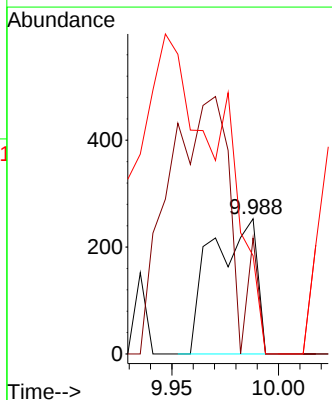
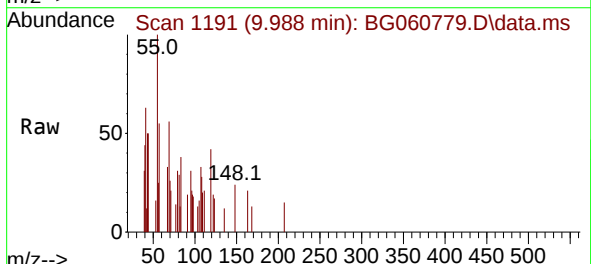
Instrument :
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ClientSampleId :
WC-C-COMP

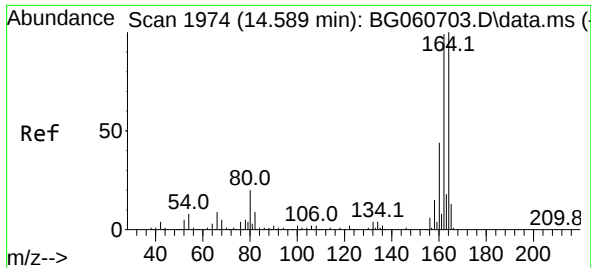
Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 160.8 23.9 35.9#
65 82.0 44.5 66.7#



#32
Benzoic acid
Concen: 6.945 ng
RT: 9.988 min Scan# 1191
Delta R.T. -0.053 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

Tgt Ion:122 Resp: 371
Ion Ratio Lower Upper
122 100
105 85.8 104.5 144.5#
77 72.7 85.3 125.3#

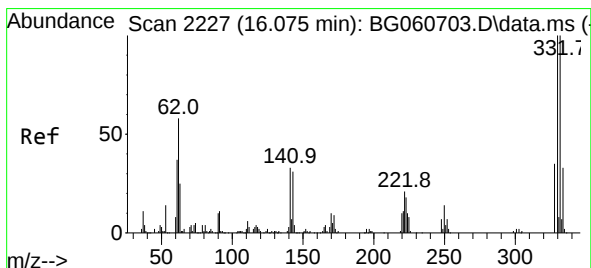
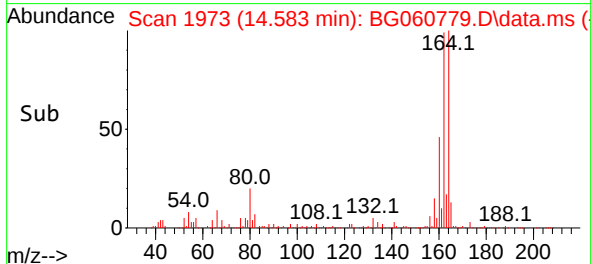
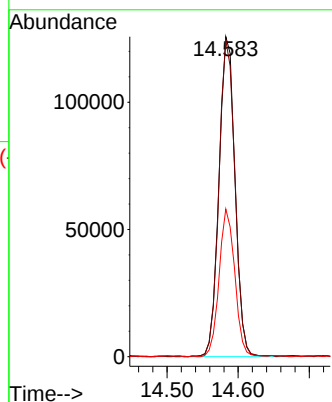
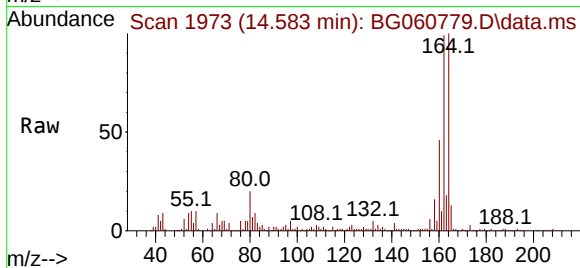




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

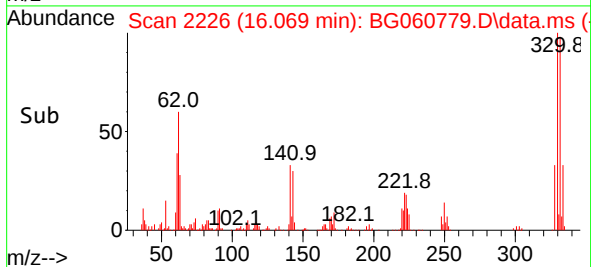
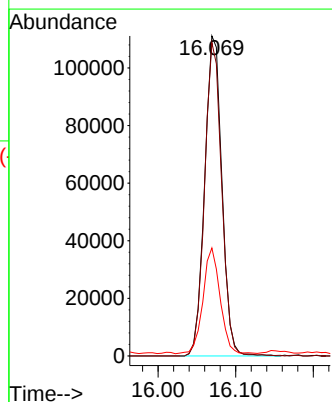
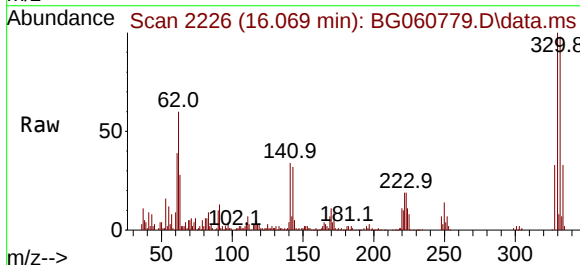
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

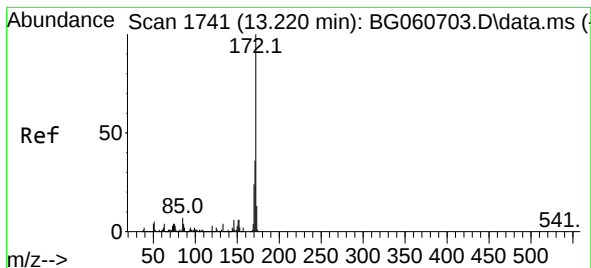
Tgt Ion:164 Resp: 196303
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 46.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 76.941 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

Tgt Ion:330 Resp: 171453
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 32.8 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 34.526 ng

RT: 13.208 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG060779.D

Acq: 4 Apr 2024 15:31

Instrument :

BNA_G

ClientSampleId :

WC-C-COMP

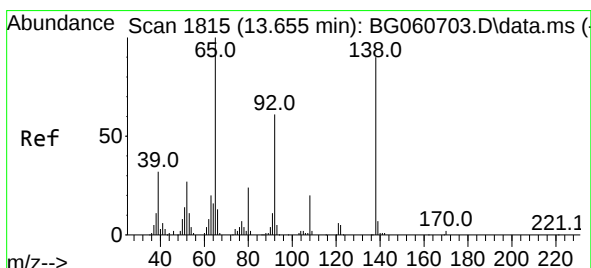
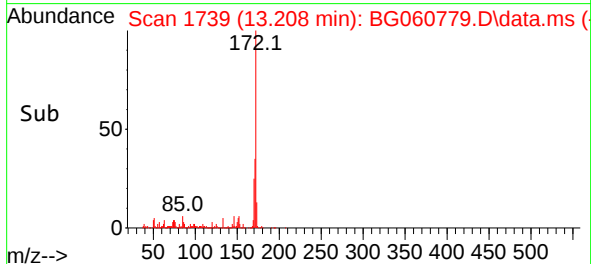
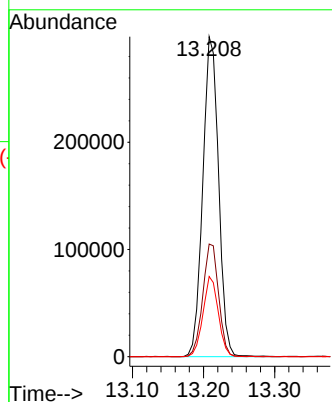
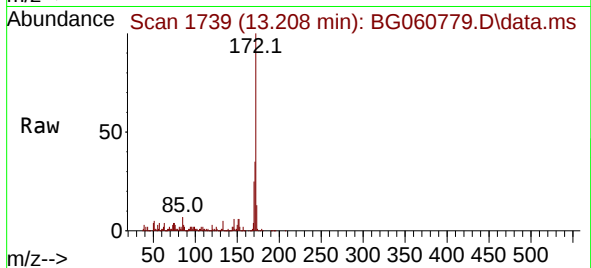
Tgt Ion:172 Resp: 461809

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 25.0 19.4 29.0



#48

2-Nitroaniline

Concen: 3.028 ng

RT: 13.654 min Scan# 1815

Delta R.T. -0.001 min

Lab File: BG060779.D

Acq: 4 Apr 2024 15:31

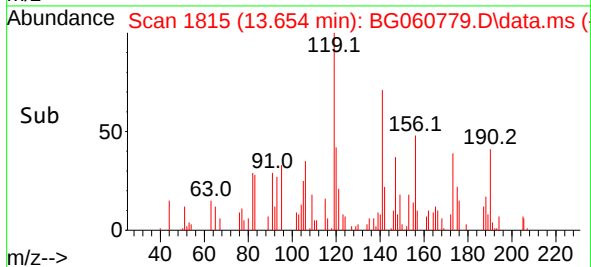
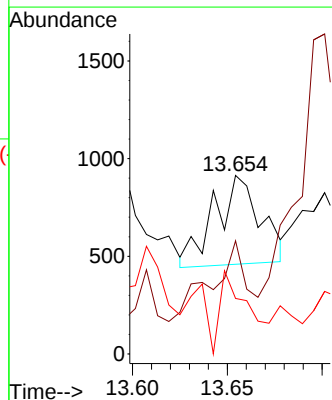
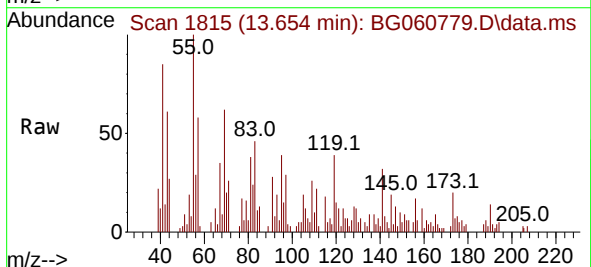
Tgt Ion: 65 Resp: 768

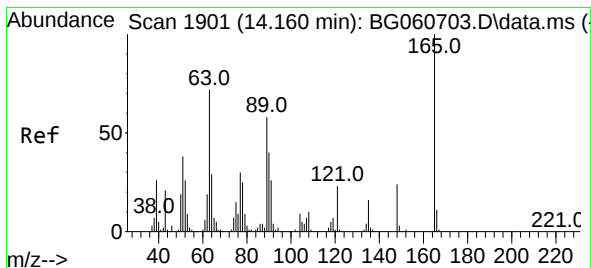
Ion Ratio Lower Upper

65 100

92 63.3 48.6 72.8

138 31.1 72.2 108.4#

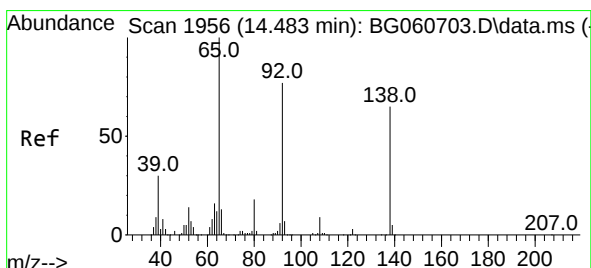
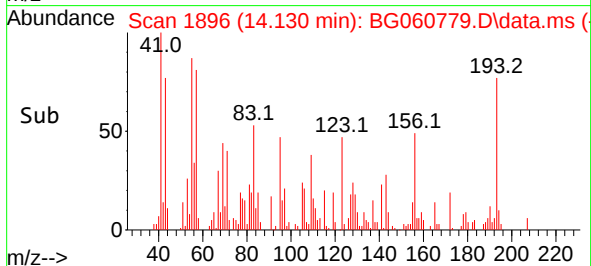
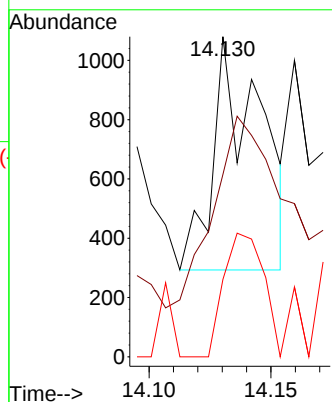
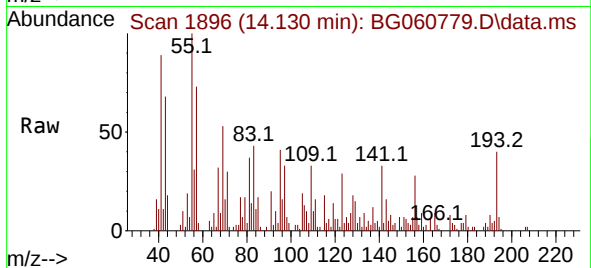




#51
2,6-Dinitrotoluene
Concen: 3.847 ng
RT: 14.130 min Scan# 11
Delta R.T. -0.030 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

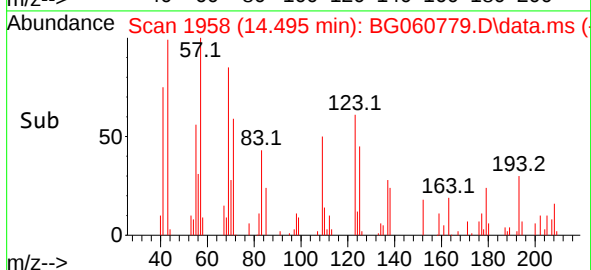
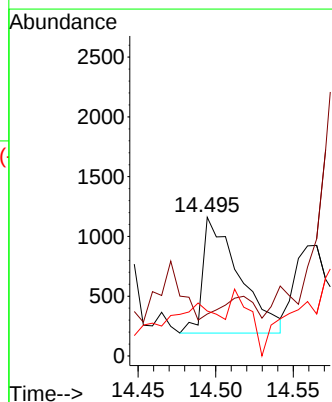
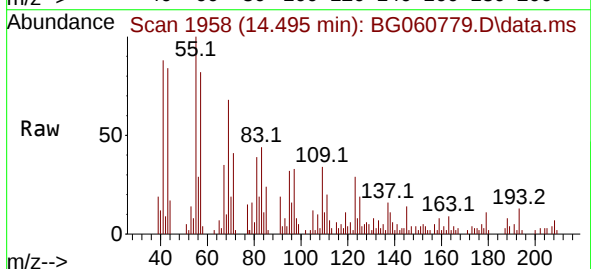
Instrument :
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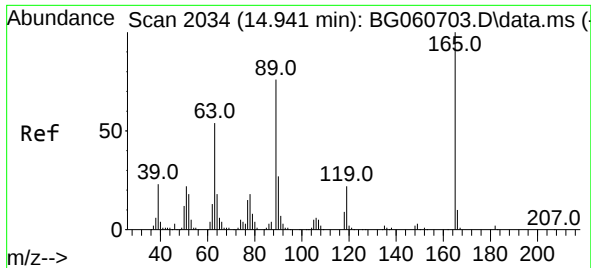
Tgt Ion:165 Resp: 1058
Ion Ratio Lower Upper
165 100
63 56.9 58.2 87.4#
89 24.2 46.1 69.1#



#53
3-Nitroaniline
Concen: 3.342 ng
RT: 14.495 min Scan# 1958
Delta R.T. 0.012 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

Tgt Ion:138 Resp: 1591
Ion Ratio Lower Upper
138 100
108 30.2 11.3 16.9#
92 32.4 94.1 141.1#

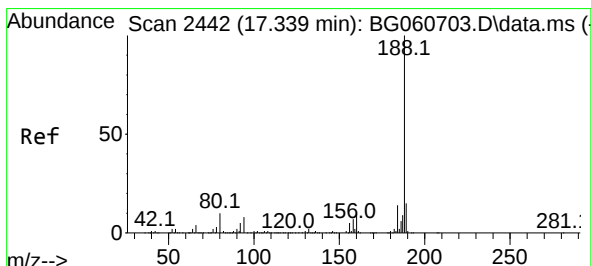
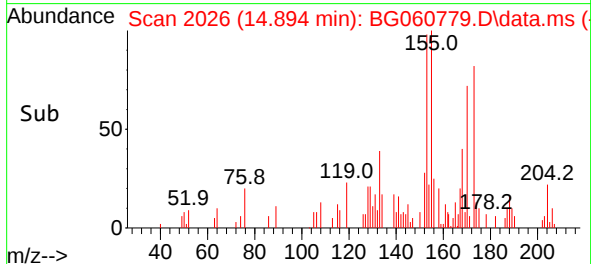
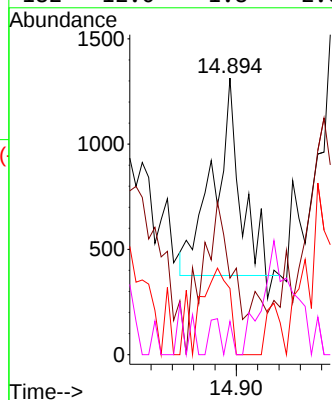
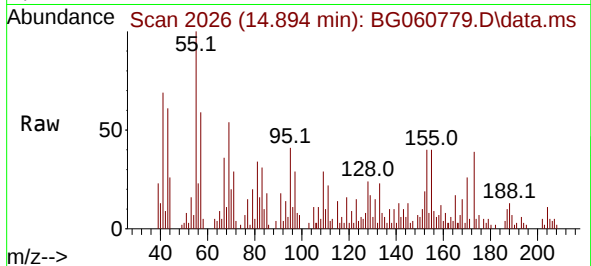




#57
2,4-Dinitrotoluene
Concen: 3.682 ng
RT: 14.894 min Scan# 2034
Delta R.T. -0.047 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

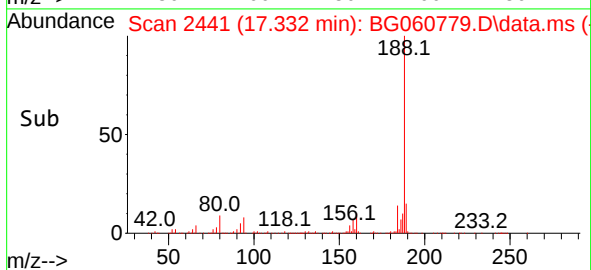
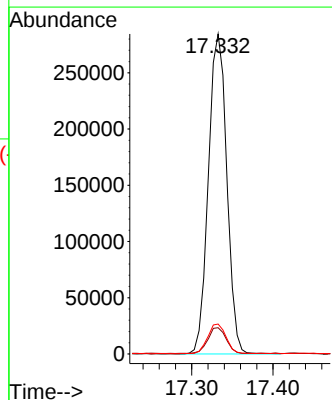
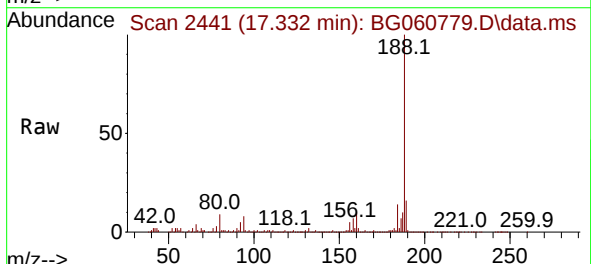
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

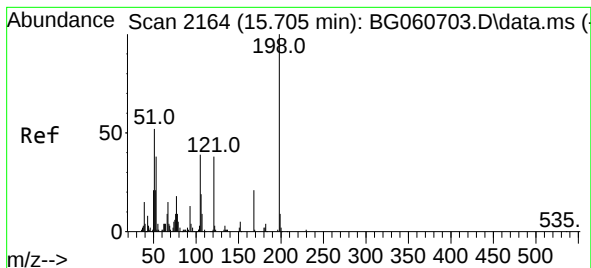
Tgt Ion:165 Resp: 1624
Ion Ratio Lower Upper
165 100
63 27.6 43.4 65.0#
89 23.9 61.0 91.6#
182 12.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

Tgt Ion:188 Resp: 447697
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 9.4 7.6 11.4

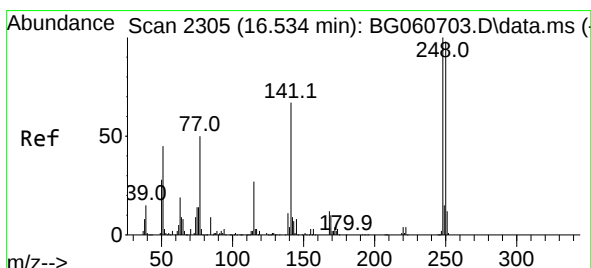
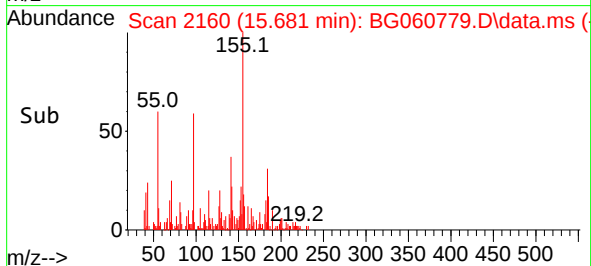
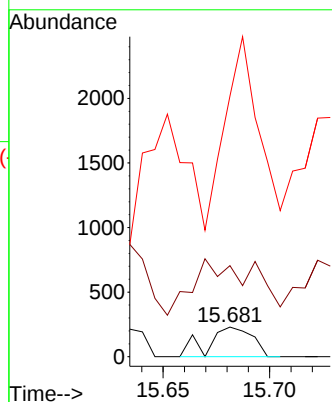
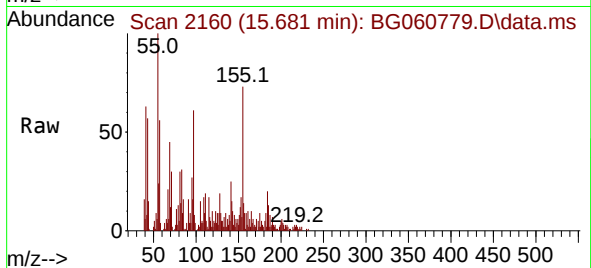




#65
4,6-Dinitro-2-methylphenol
Concen: 7.187 ng
RT: 15.681 min Scan# 2160
Delta R.T. -0.024 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

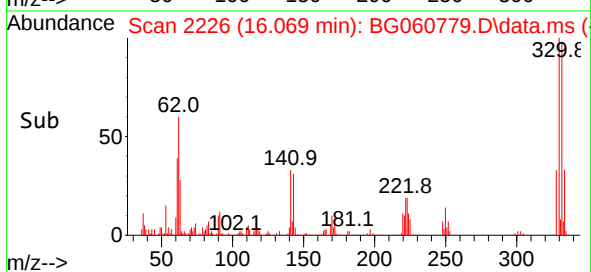
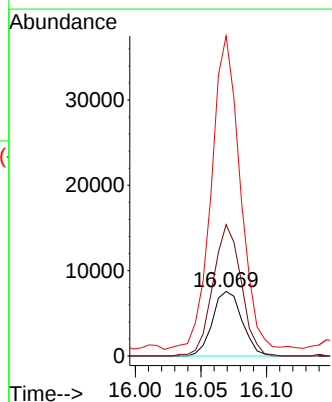
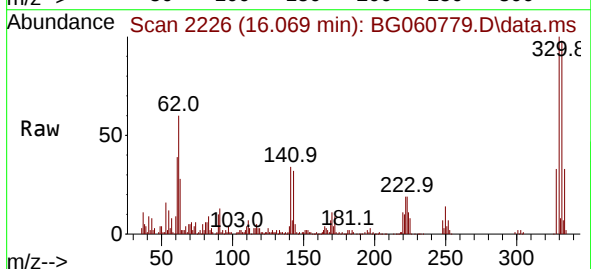
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

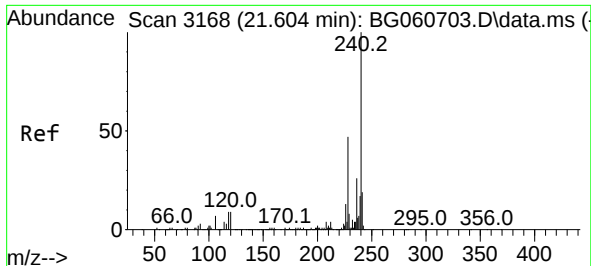
Tgt Ion:198 Resp: 331
Ion Ratio Lower Upper
198 100
51 306.5 36.7 76.7#
105 877.4 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 2.593 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.465 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

Tgt Ion:248 Resp: 11783
Ion Ratio Lower Upper
248 100
250 203.6 78.3 117.5#
141 496.2 53.7 80.5#

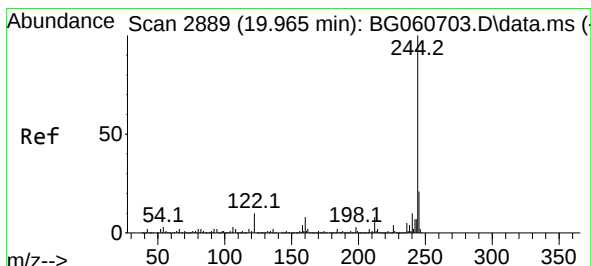
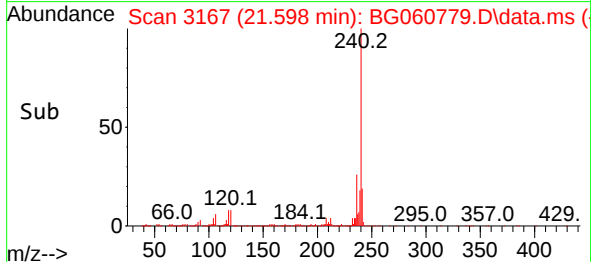
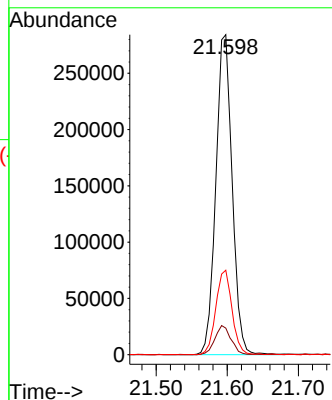
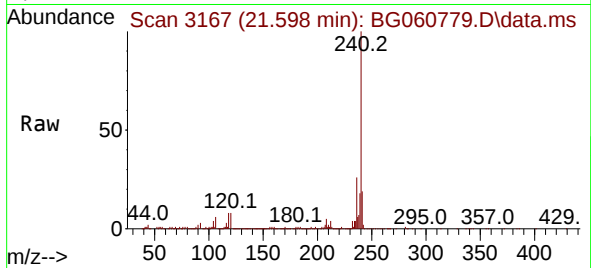




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

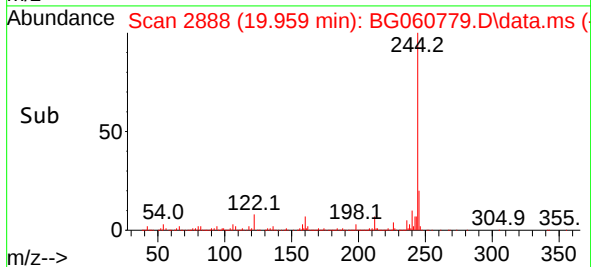
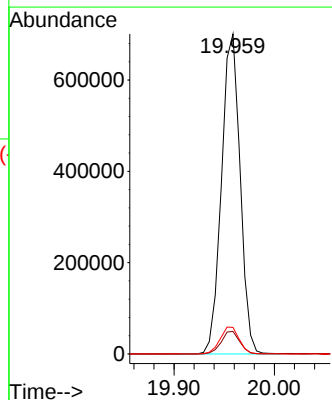
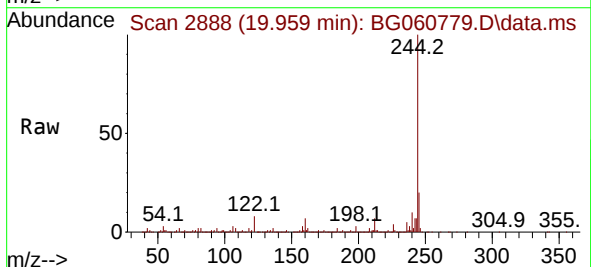
Instrument :
BNA_G
ClientSampleId :
WC-C-COMP

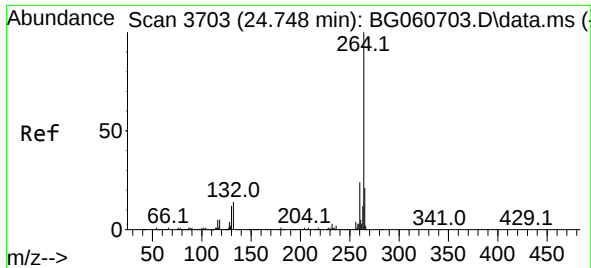
Tgt Ion:240 Resp: 452970
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 26.4 20.7 31.1



#79
Terphenyl-d14
Concen: 35.049 ng
RT: 19.959 min Scan# 2888
Delta R.T. -0.006 min
Lab File: BG060779.D
Acq: 4 Apr 2024 15:31

Tgt Ion:244 Resp: 901616
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 8.3 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.741 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG060779.D
 Acq: 4 Apr 2024 15:31

Instrument :
 BNA_G
 ClientSampleId :
 WC-C-COMP

Tgt Ion:264 Resp: 543080
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.3 16.9 25.3

