

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060714.D
 Acq On : 1 Apr 2024 13:56
 Operator : MA/JU
 Sample : P1913-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CCM-1

Quant Time: Apr 01 14:34:29 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)

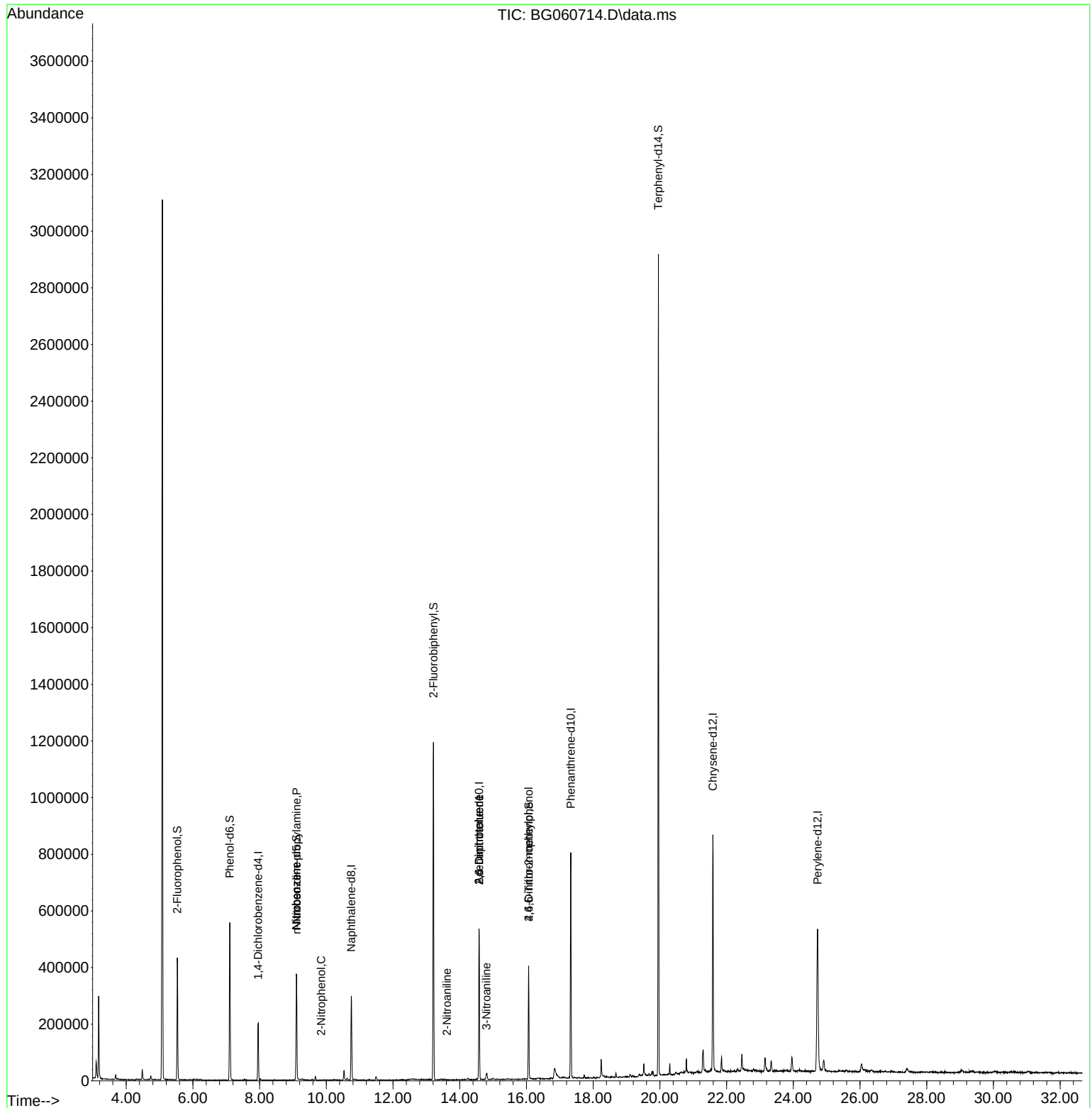
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	54704	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	240774	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	188423	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	502287	20.000	ng	0.00
76) Chrysene-d12	21.589	240	490590	20.000	ng	-0.02
86) Perylene-d12	24.727	264	560415	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	171467	52.216	ng	0.00
7) Phenol-d6	7.106	99	286945	58.868	ng	0.00
23) Nitrobenzene-d5	9.104	82	199169	47.202	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	74337	34.755	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	605335	47.150	ng	0.00
79) Terphenyl-d14	19.956	244	1426836	51.212	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.110	70	26670	7.175	ng	# 80
24) Nitrobenzene	9.104	77	874	2.948	ng	# 43
26) 2-Nitrophenol	9.850	139	80	3.013	ng	# 31
48) 2-Nitroaniline	13.616	65	54	2.808	ng	# 11
51) 2,6-Dinitrotoluene	14.580	165	23375	11.622	ng	# 20
53) 3-Nitroaniline	14.797	138	115	2.888	ng	# 1
57) 2,4-Dinitrotoluene	14.580	165	23375	9.796	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.066	198	280	7.149	ng	# 24

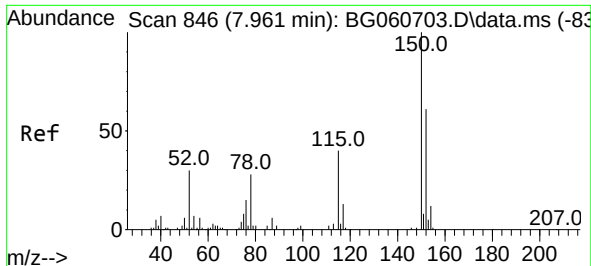
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060714.D
Acq On : 1 Apr 2024 13:56
Operator : MA/JU
Sample : P1913-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CCM-1

Quant Time: Apr 01 14:34:29 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

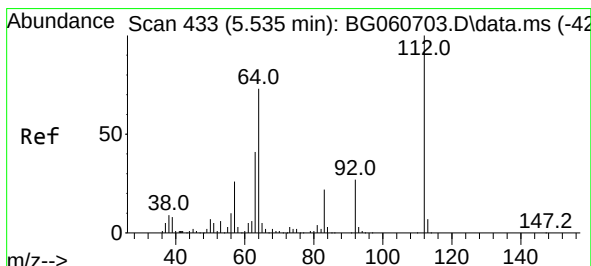
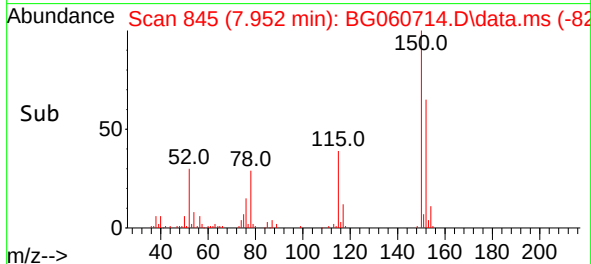
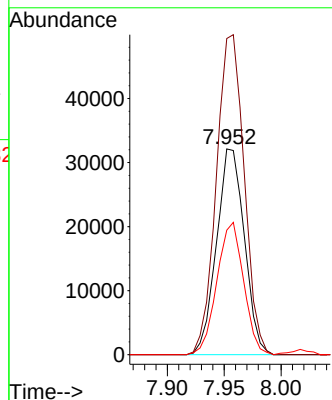
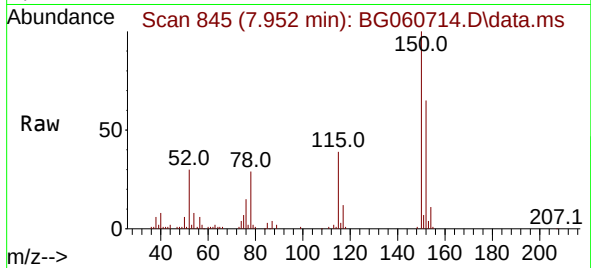




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

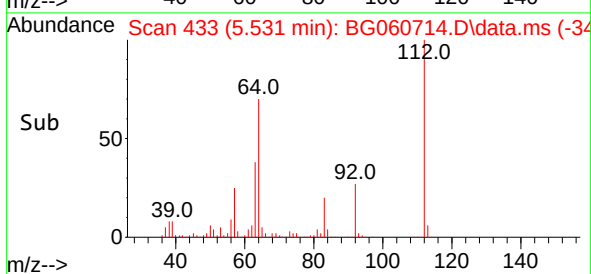
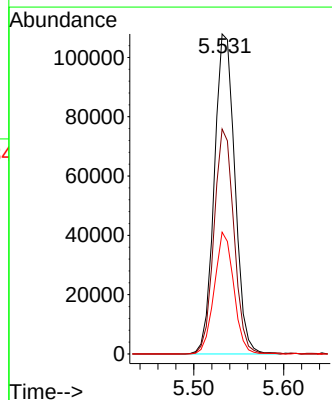
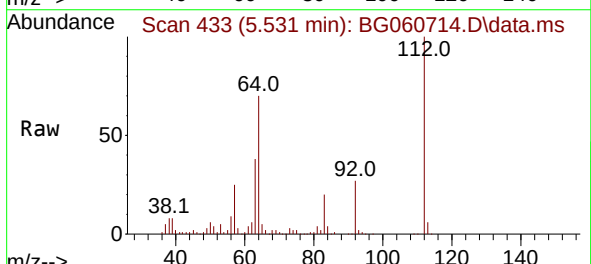
Instrument :
BNA_G
ClientSampleId :
CCM-1

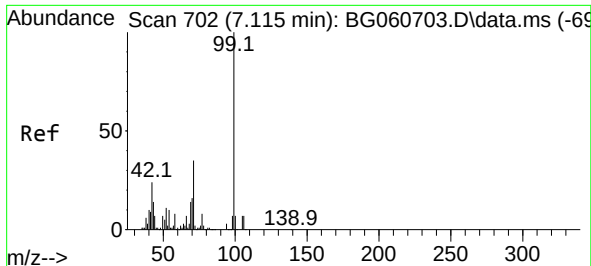
Tgt Ion:152 Resp: 54704
Ion Ratio Lower Upper
152 100
150 153.7 130.2 195.4
115 60.5 51.6 77.4



#5
2-Fluorophenol
Concen: 52.216 ng
RT: 5.531 min Scan# 433
Delta R.T. -0.003 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

Tgt Ion:112 Resp: 171467
Ion Ratio Lower Upper
112 100
64 70.3 58.4 87.6
63 38.1 32.7 49.1

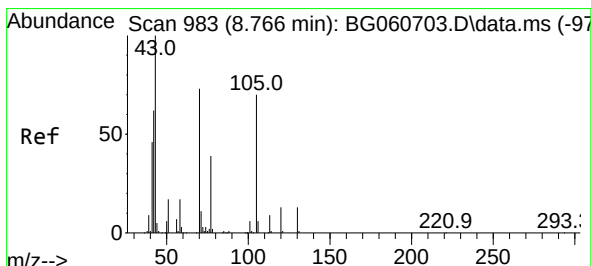
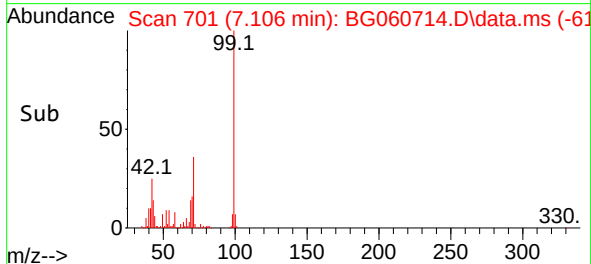
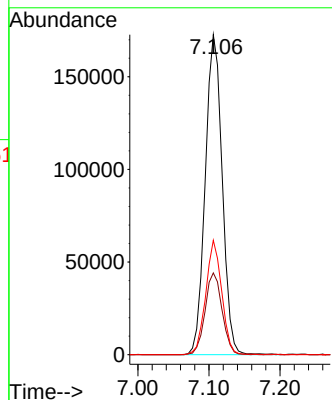
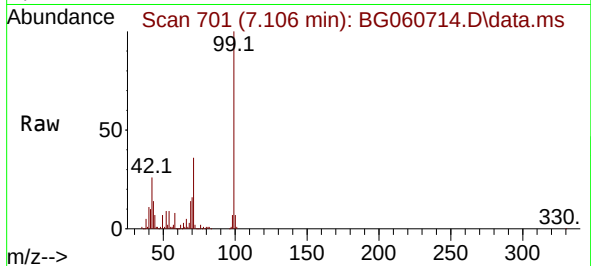




#7
Phenol-d6
Concen: 58.868 ng
RT: 7.106 min Scan# 70
Delta R.T. -0.009 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

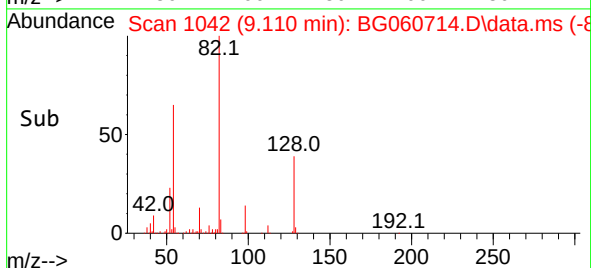
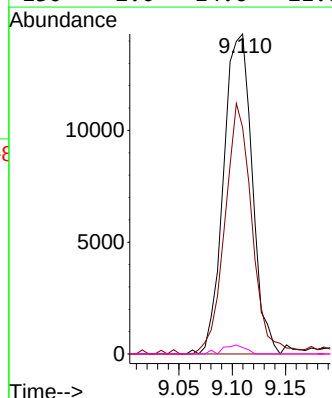
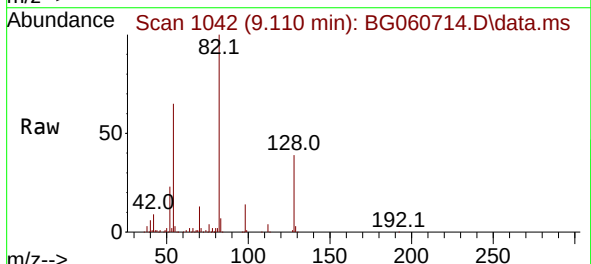
Instrument :
BNA_G
ClientSampleId :
CCM-1

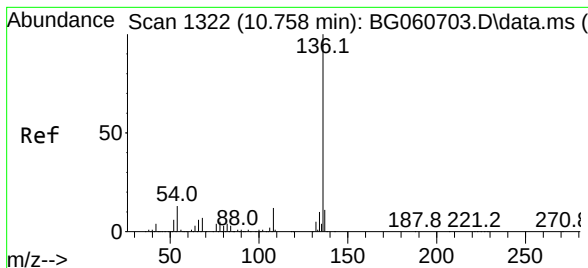
Tgt Ion: 99 Resp: 286945
Ion Ratio Lower Upper
99 100
42 25.5 19.4 29.2
71 35.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.175 ng
RT: 9.110 min Scan# 1042
Delta R.T. 0.344 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

Tgt Ion: 70 Resp: 26670
Ion Ratio Lower Upper
70 100
42 70.8 68.4 102.6
101 0.0 6.1 9.1#
130 2.0 14.6 21.8#

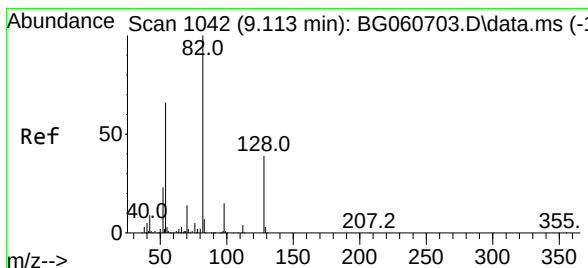
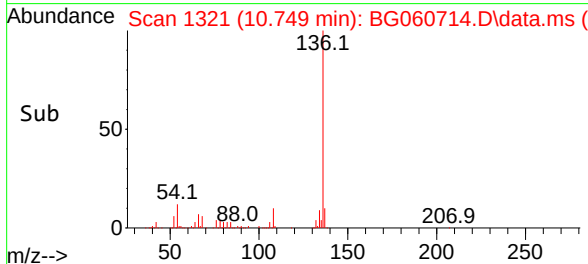
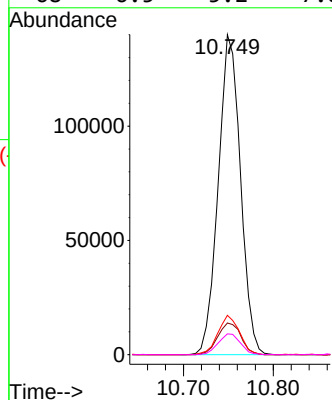
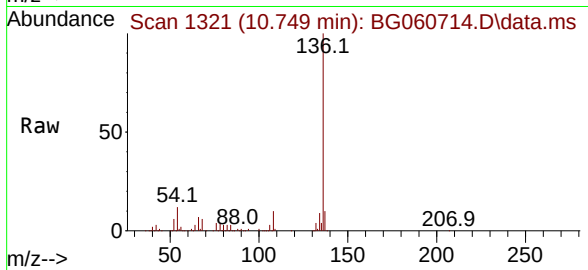




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

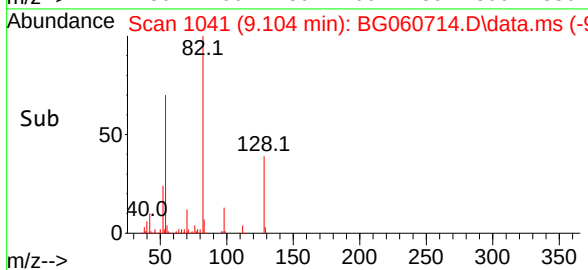
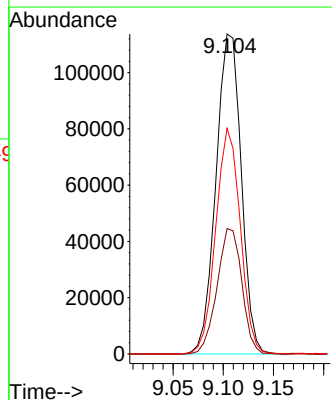
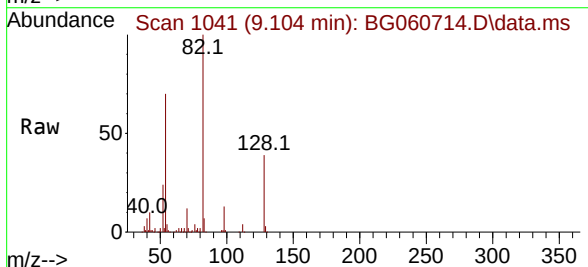
Instrument :
BNA_G
ClientSampleId :
CCM-1

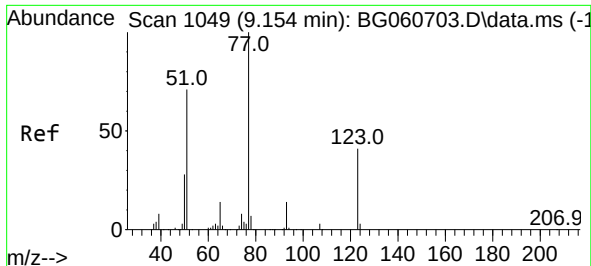
Tgt Ion:136 Resp: 240774
Ion Ratio Lower Upper
136 100
137 9.9 8.8 13.2
54 12.3 10.2 15.2
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 47.202 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

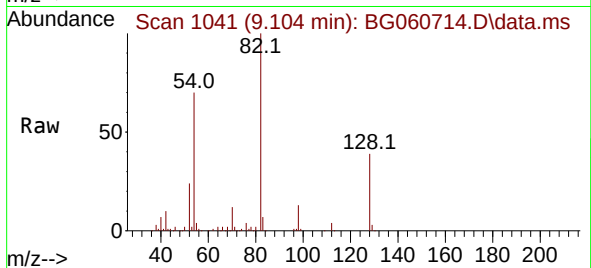
Tgt Ion: 82 Resp: 199169
Ion Ratio Lower Upper
82 100
128 39.2 31.2 46.8
54 70.5 53.2 79.8



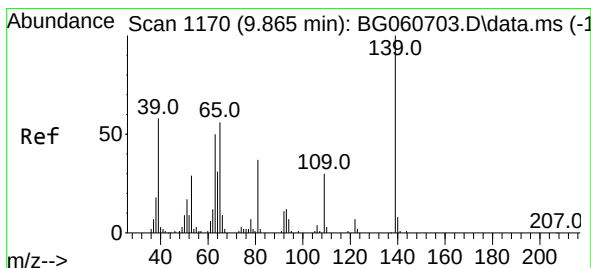
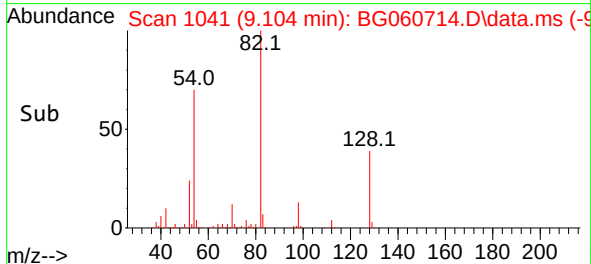
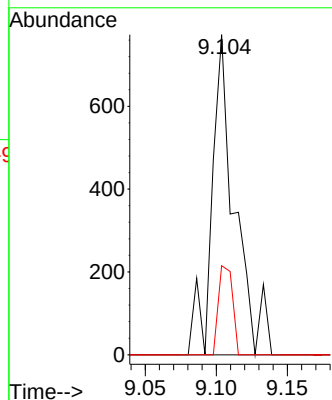


#24
Nitrobenzene
Concen: 2.948 ng
RT: 9.104 min Scan# 1104
Delta R.T. -0.050 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

Instrument :
BNA_G
ClientSampleId :
CCM-1

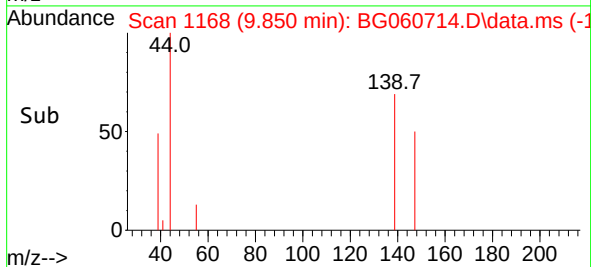
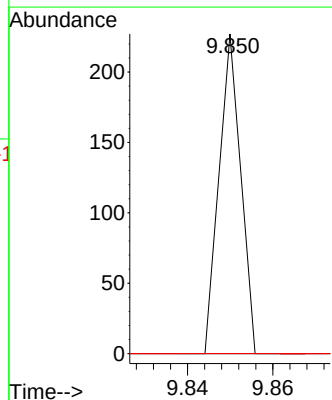
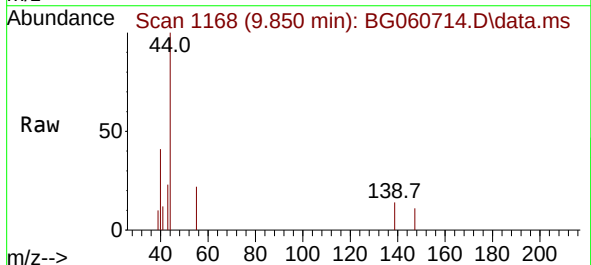


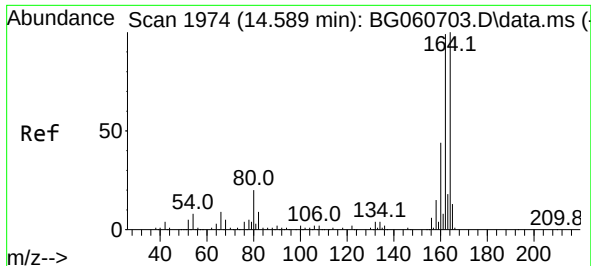
Tgt Ion: 77 Resp: 874
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 27.8 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.013 ng
RT: 9.850 min Scan# 1168
Delta R.T. -0.015 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

Tgt Ion: 139 Resp: 80
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

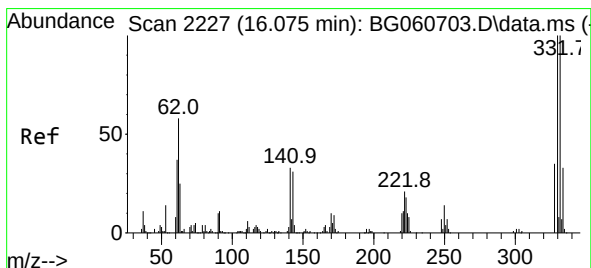
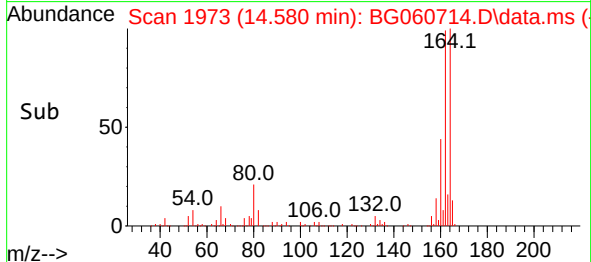
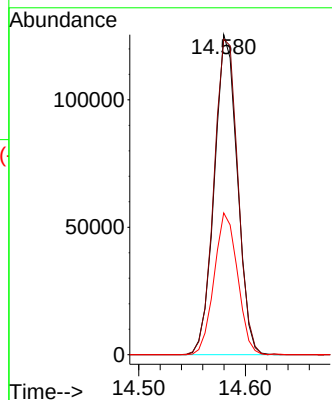
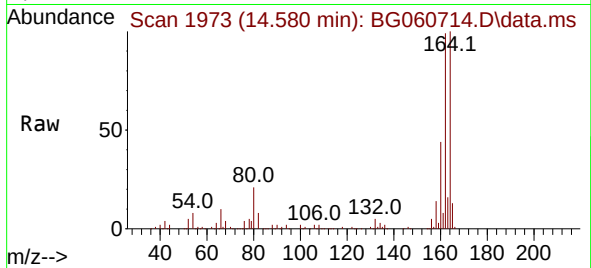




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

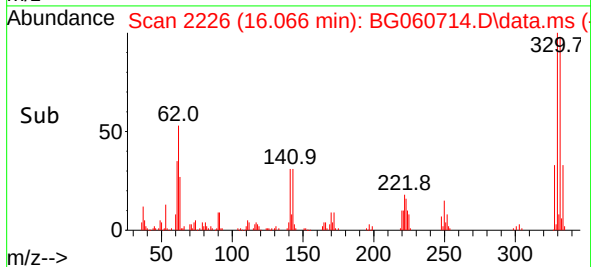
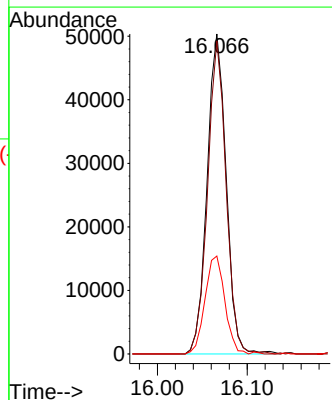
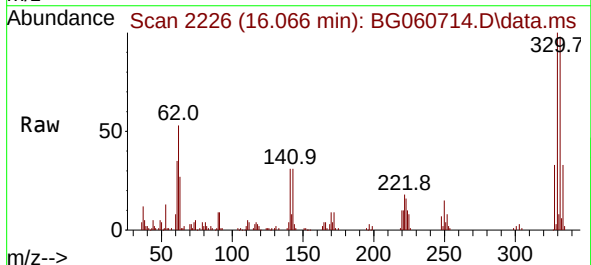
Instrument :
BNA_G
ClientSampleId :
CCM-1

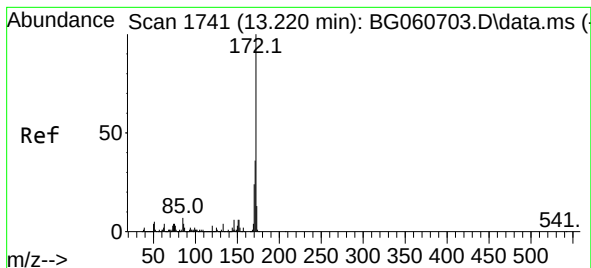
Tgt Ion:164 Resp: 188423
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 34.755 ng
RT: 16.066 min Scan# 2226
Delta R.T. -0.009 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

Tgt Ion:330 Resp: 74337
Ion Ratio Lower Upper
330 100
332 95.0 78.2 117.4
141 32.0 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 47.150 ng

RT: 13.211 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060714.D

Acq: 1 Apr 2024 13:56

Instrument :

BNA_G

ClientSampleId :

CCM-1

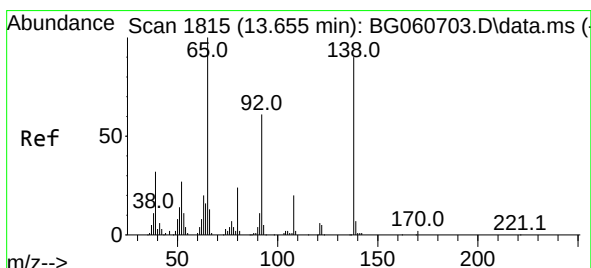
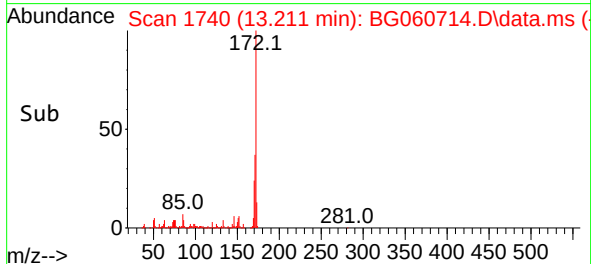
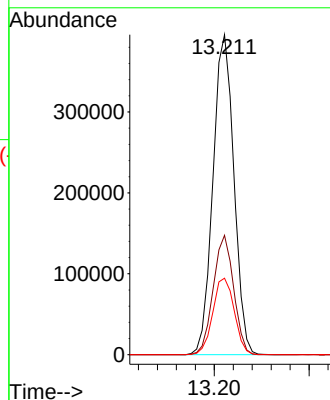
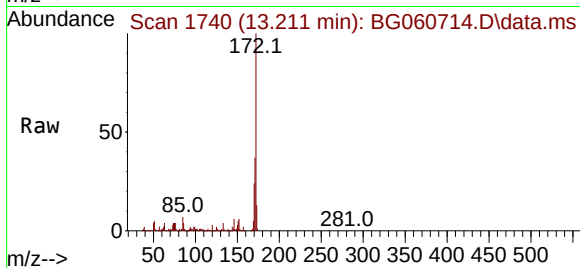
Tgt Ion:172 Resp: 605335

Ion Ratio Lower Upper

172 100

171 37.3 28.7 43.1

170 23.9 19.4 29.0



#48

2-Nitroaniline

Concen: 2.808 ng

RT: 13.616 min Scan# 1809

Delta R.T. -0.039 min

Lab File: BG060714.D

Acq: 1 Apr 2024 13:56

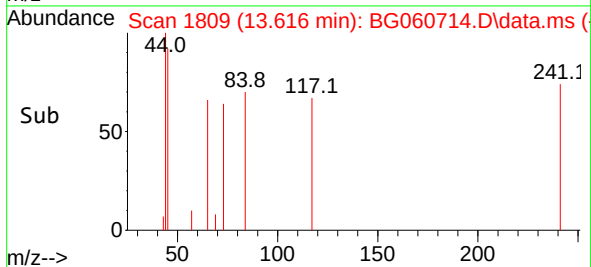
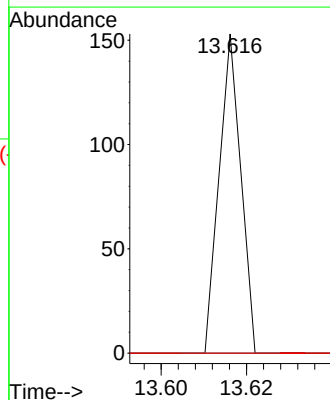
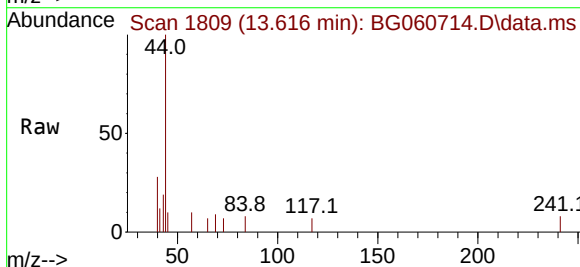
Tgt Ion: 65 Resp: 54

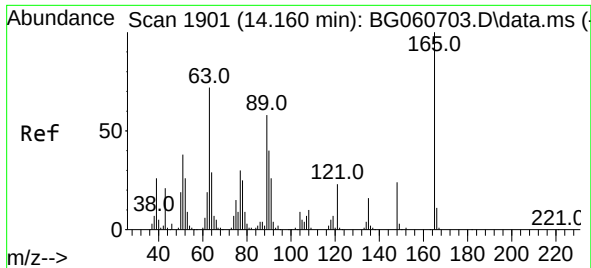
Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 0.0 72.2 108.4#

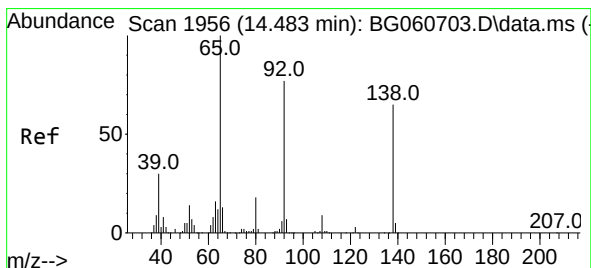
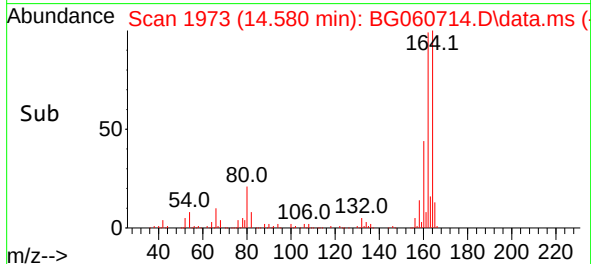
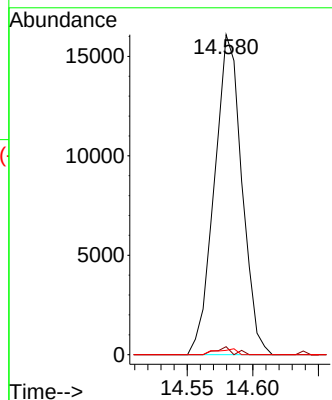
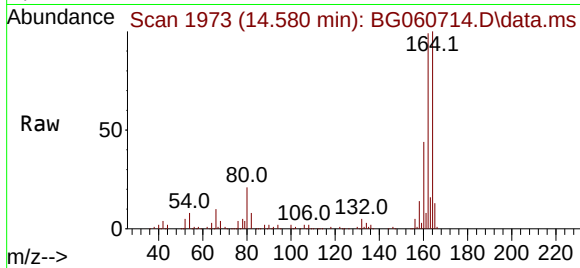




#51
2,6-Dinitrotoluene
Concen: 11.622 ng
RT: 14.580 min Scan# 1901
Delta R.T. 0.420 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

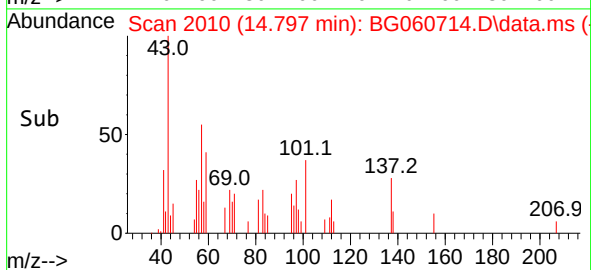
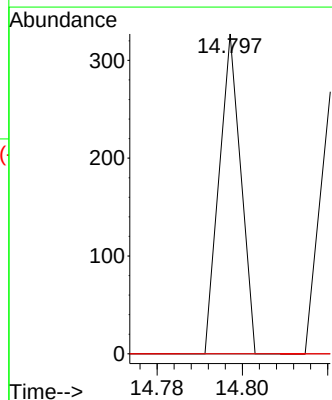
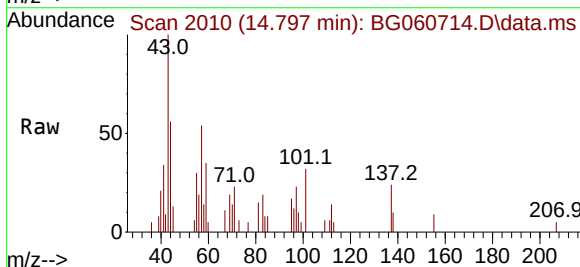
Instrument :
BNA_G
ClientSampleId :
CCM-1

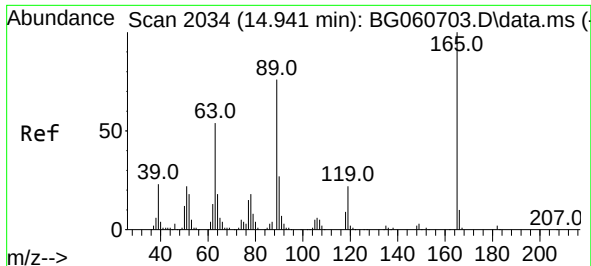
Tgt Ion:165 Resp: 23375
Ion Ratio Lower Upper
165 100
63 2.5 58.2 87.4#
89 1.3 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.888 ng
RT: 14.797 min Scan# 2010
Delta R.T. 0.314 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

Tgt Ion:138 Resp: 115
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#

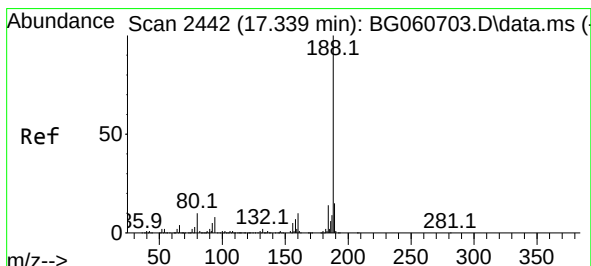
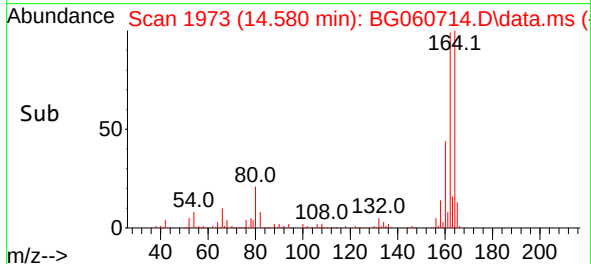
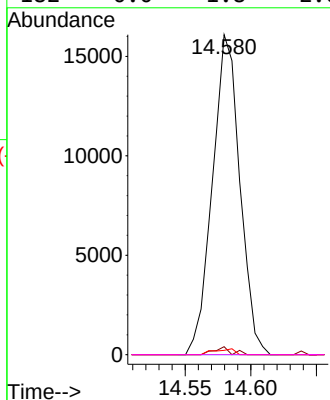
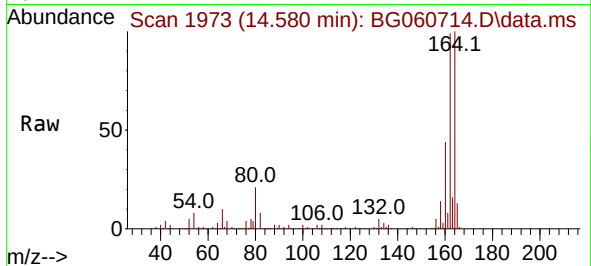




#57
2,4-Dinitrotoluene
Concen: 9.796 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.361 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

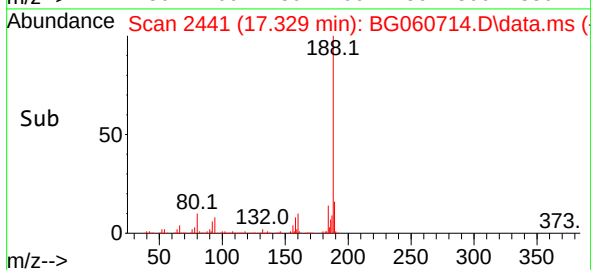
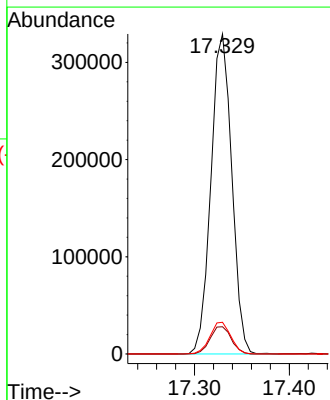
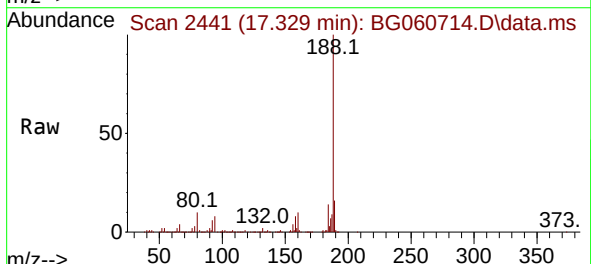
Instrument :
BNA_G
ClientSampleId :
CCM-1

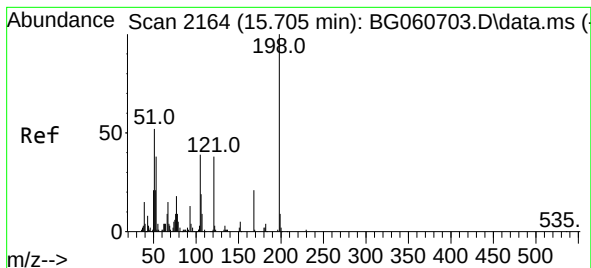
Tgt Ion:165 Resp: 23375
Ion Ratio Lower Upper
165 100
63 2.5 43.4 65.0#
89 1.3 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.329 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

Tgt Ion:188 Resp: 502287
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 9.9 7.6 11.4

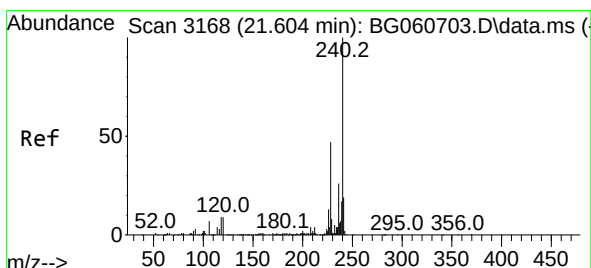
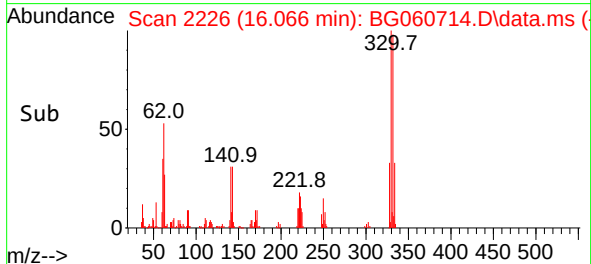
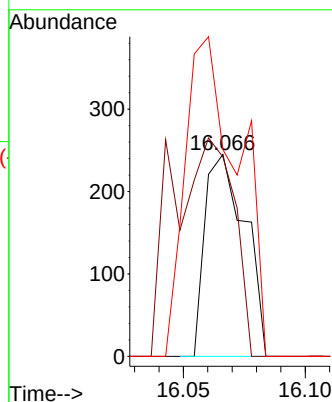
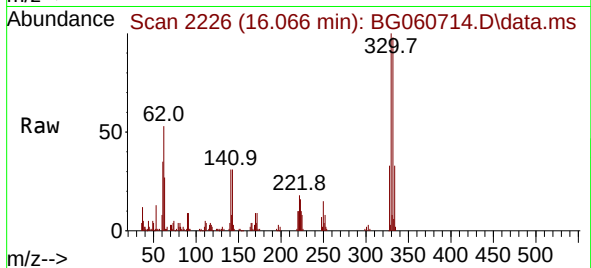




#65
4,6-Dinitro-2-methylphenol
Concen: 7.149 ng
RT: 16.066 min Scan# 2166
Delta R.T. 0.361 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

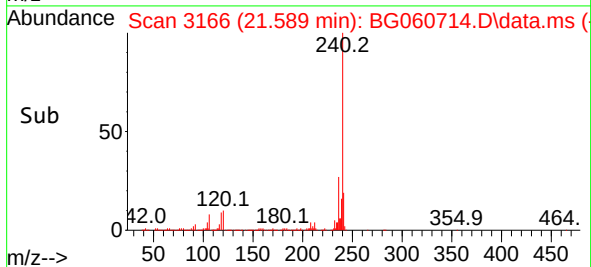
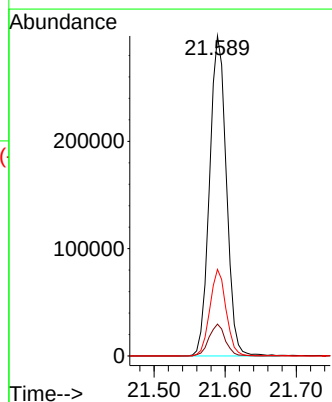
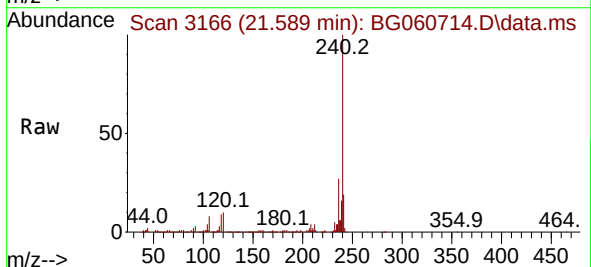
Instrument :
BNA_G
ClientSampleId :
CCM-1

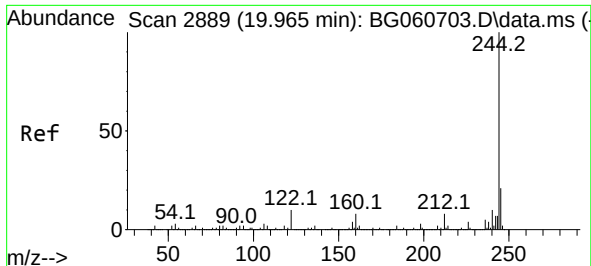
Tgt Ion:198 Resp: 280
Ion Ratio Lower Upper
198 100
51 98.8 36.7 76.7#
105 102.4 19.1 59.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060714.D
Acq: 1 Apr 2024 13:56

Tgt Ion:240 Resp: 490590
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 27.0 20.7 31.1

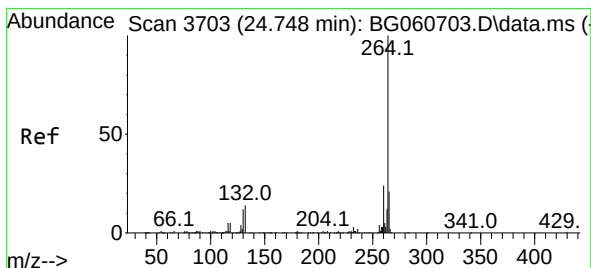
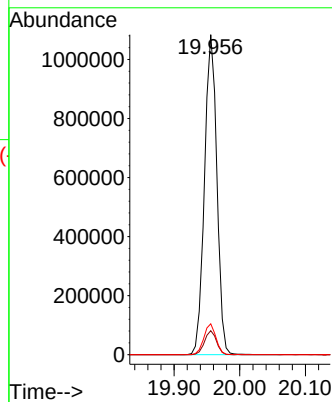
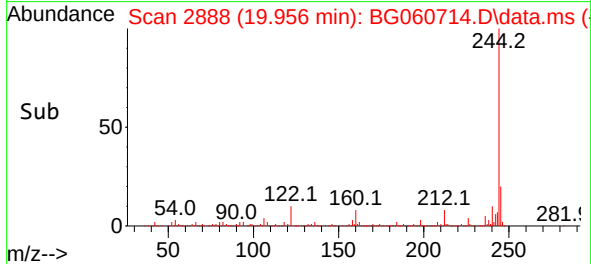
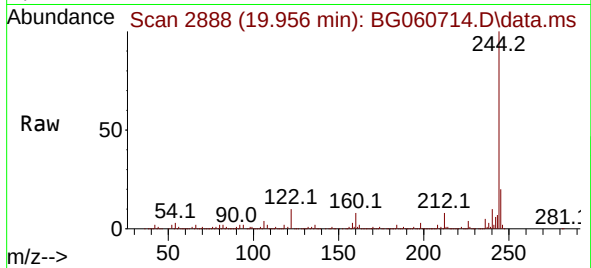




#79
 Terphenyl-d14
 Concen: 51.212 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060714.D
 Acq: 1 Apr 2024 13:56

Instrument :
 BNA_G
 ClientSampleId :
 CCM-1

Tgt Ion:244 Resp: 1426836
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3700
 Delta R.T. -0.021 min
 Lab File: BG060714.D
 Acq: 1 Apr 2024 13:56

Tgt Ion:264 Resp: 560415
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.9 16.9 25.3

