

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060720.D
 Acq On : 1 Apr 2024 18:12
 Operator : MA/JU
 Sample : P1927-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11998

Quant Time: Apr 02 01:16:43 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)

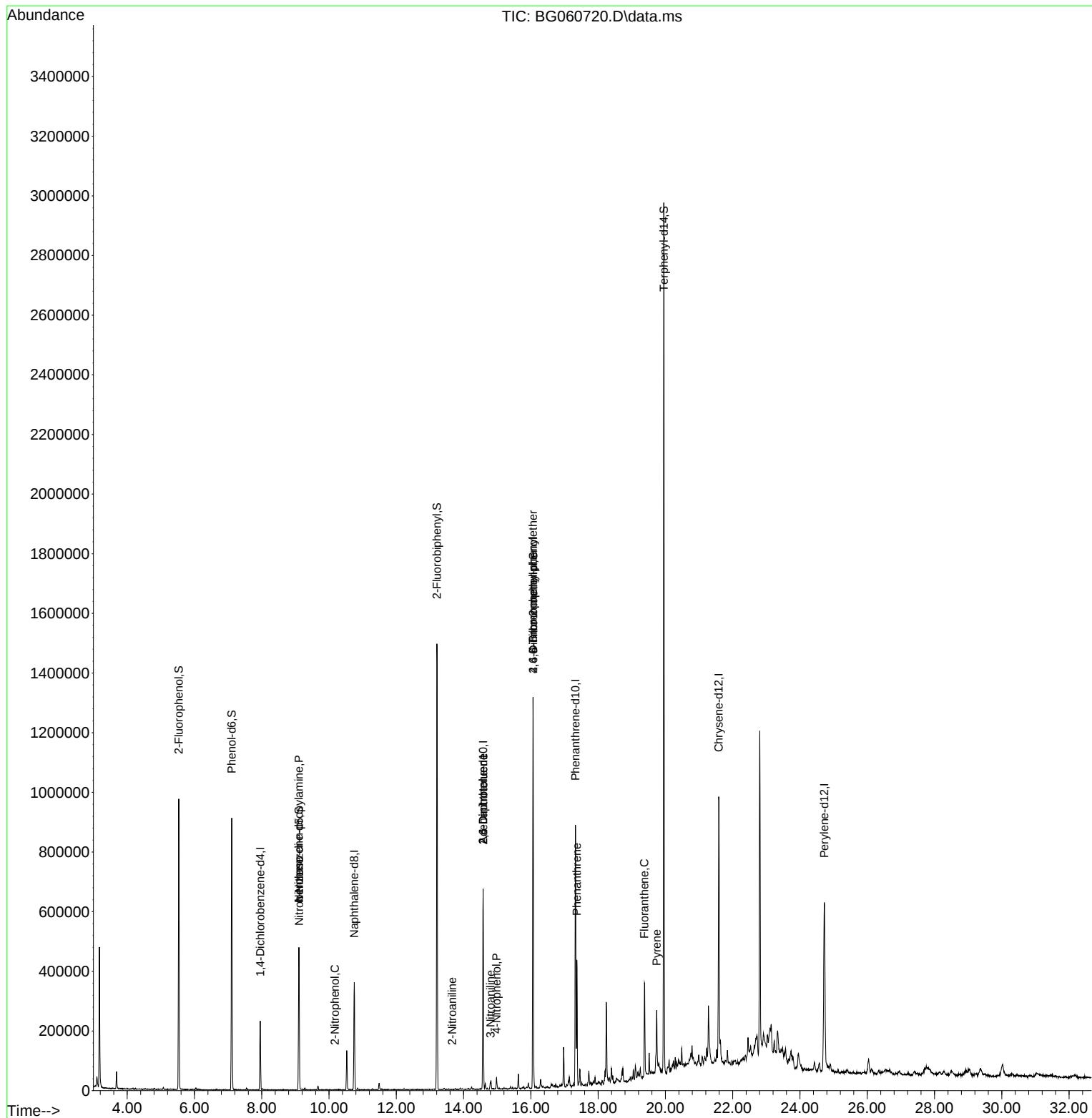
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	60267	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	287474	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	237669	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	552676	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	517048	20.000	ng	-0.02
86) Perylene-d12	24.724	264	599003	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	372949	103.090	ng	0.00
7) Phenol-d6	7.109	99	462849	86.191	ng	0.00
23) Nitrobenzene-d5	9.107	82	252549	50.129	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	236311	87.590	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	763515	47.148	ng	-0.01
79) Terphenyl-d14	19.953	244	1463827	49.851	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.107	70	35492	8.667	ng	# 71
24) Nitrobenzene	9.113	77	1053	2.950	ng	# 39
26) 2-Nitrophenol	10.176	139	65	2.996	ng	# 31
48) 2-Nitroaniline	13.660	65	55	2.805	ng	# 59
51) 2,6-Dinitrotoluene	14.583	165	30149	11.805	ng	# 18
53) 3-Nitroaniline	14.800	138	418	2.958	ng	# 1
56) 4-Nitrophenol	14.976	139	8202	2.987	ng	# 1
57) 2,4-Dinitrotoluene	14.583	165	30149	9.943	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.069	198	947	7.388	ng	# 1
67) 4-Bromophenyl-phenylether	16.063	248	16067	2.865	ng	# 1
71) Phenanthrene	17.368	178	255475	8.888	ng	100
75) Fluoranthene	19.377	202	193685	5.553	ng	99
78) Pyrene	19.741	202	131587	3.639	ng	99

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

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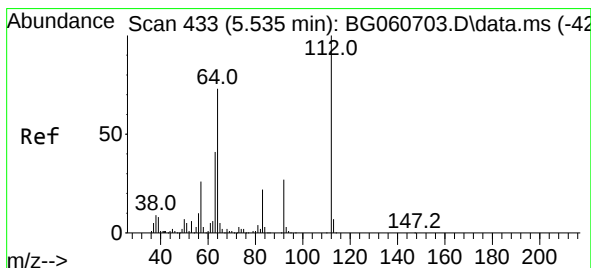
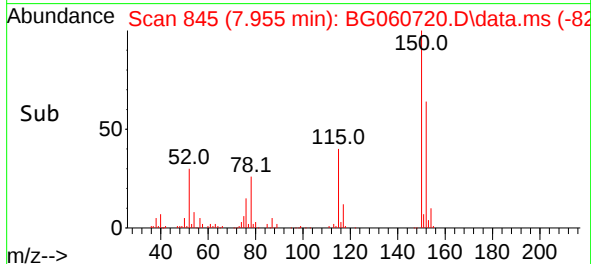
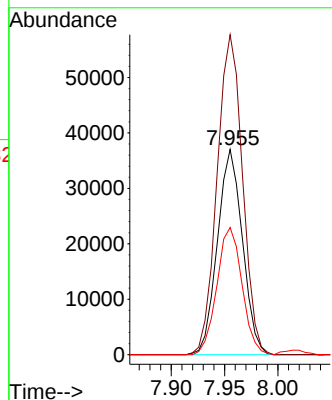
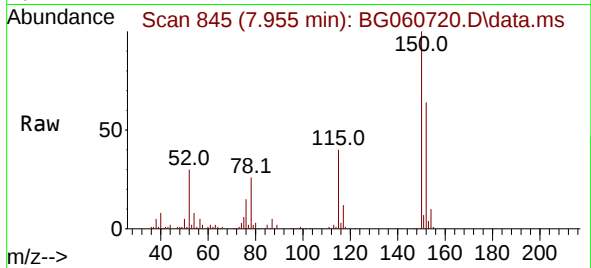




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

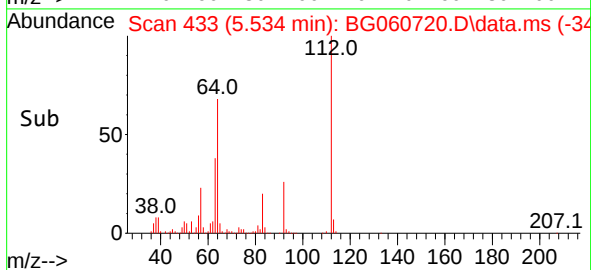
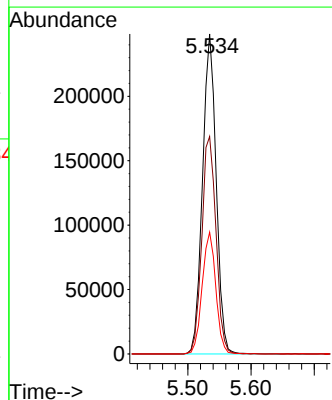
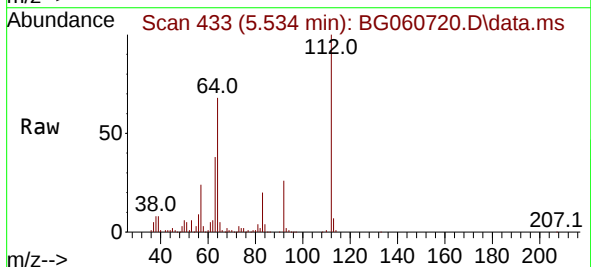
Instrument :
BNA_G
ClientSampleId :
72-11998

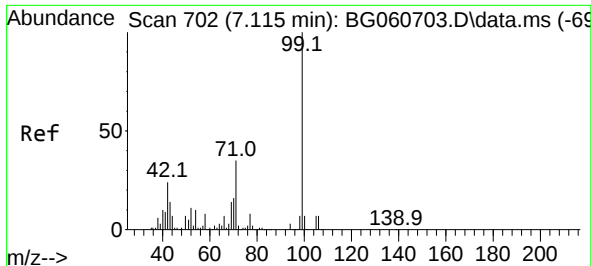
Tgt Ion:152 Resp: 60267
Ion Ratio Lower Upper
152 100
150 155.9 130.2 195.4
115 62.0 51.6 77.4



#5
2-Fluorophenol
Concen: 103.090 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:112 Resp: 372949
Ion Ratio Lower Upper
112 100
64 67.9 58.4 87.6
63 38.0 32.7 49.1





#7
Phenol-d6
Concen: 86.191 ng
RT: 7.109 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

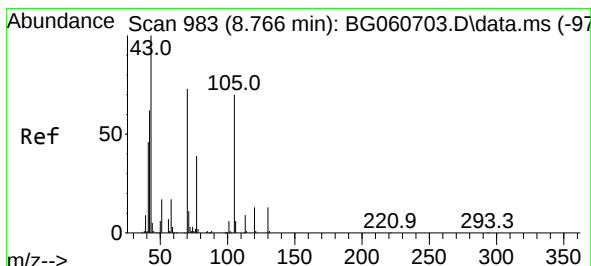
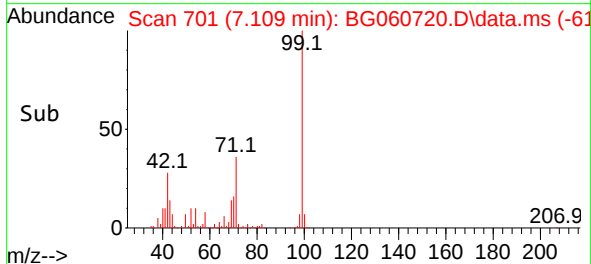
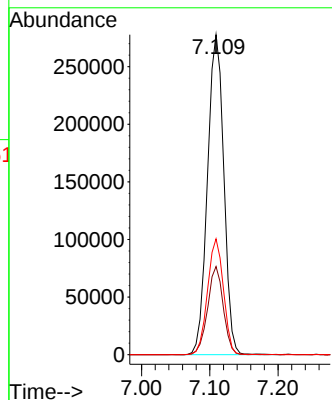
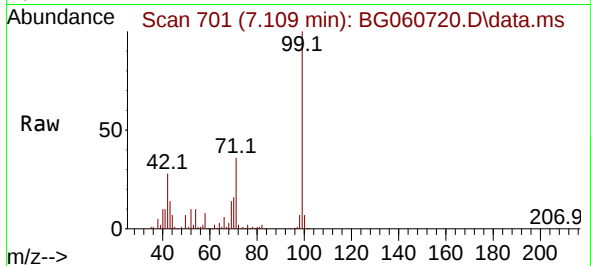
Instrument :

BNA_G

ClientSampleId :

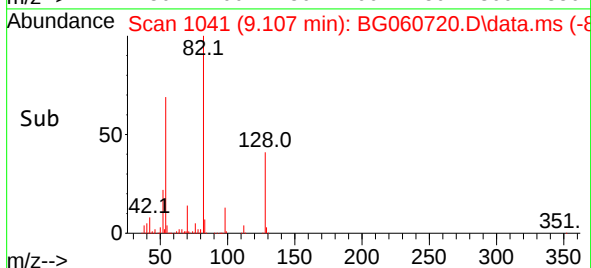
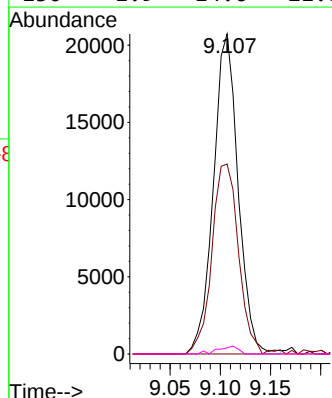
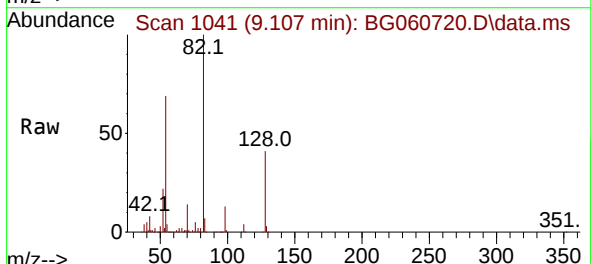
72-11998

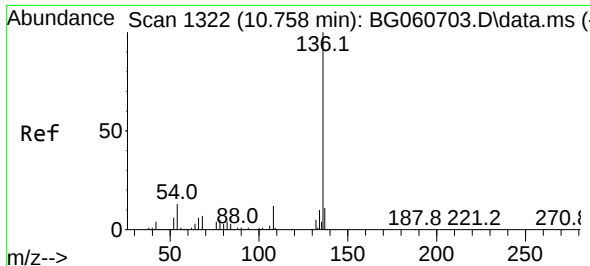
Tgt Ion: 99 Resp: 462849
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.2
71 36.2 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.667 ng
RT: 9.107 min Scan# 1041
Delta R.T. 0.341 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion: 70 Resp: 35492
Ion Ratio Lower Upper
70 100
42 59.4 68.4 102.6#
101 0.0 6.1 9.1#
130 1.9 14.6 21.8#



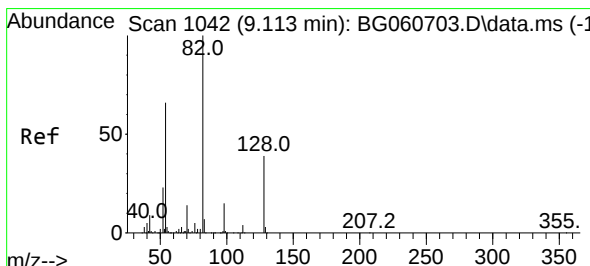
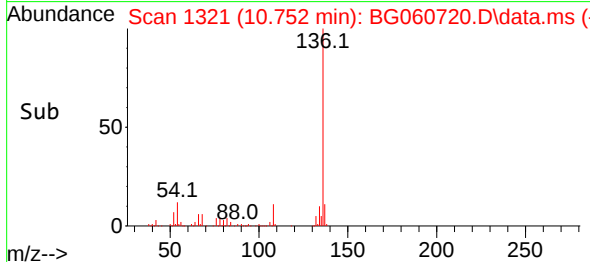
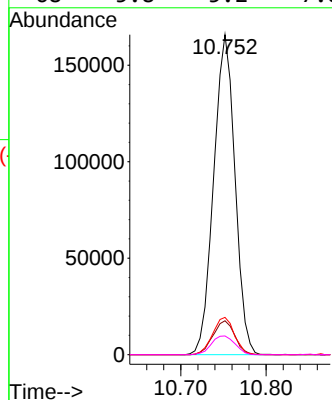
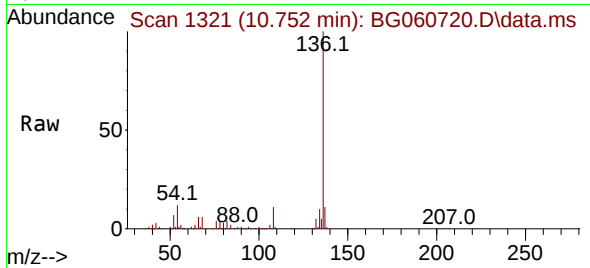


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Instrument :
BNA_G
ClientSampleId :
72-11998

Tgt Ion:136 Resp: 287474

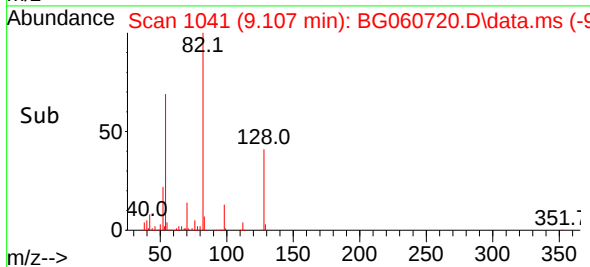
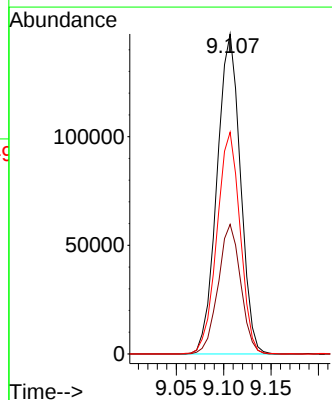
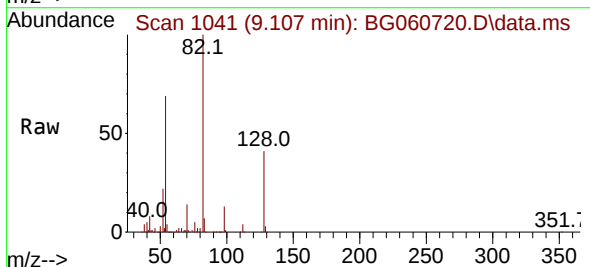
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.6	10.2	15.2
68	5.8	5.2	7.8



#23
Nitrobenzene-d5
Concen: 50.129 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion: 82 Resp: 252549

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.2	46.8
54	69.3	53.2	79.8

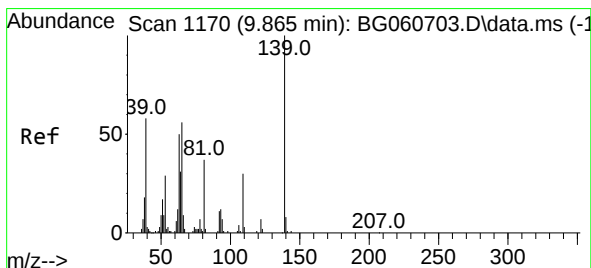
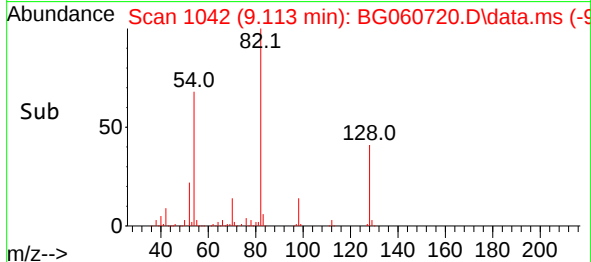
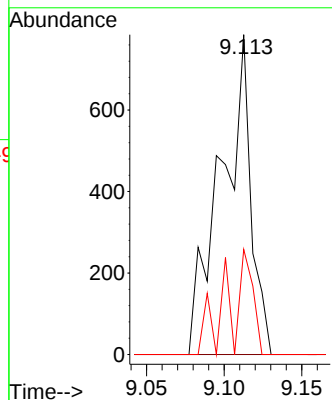
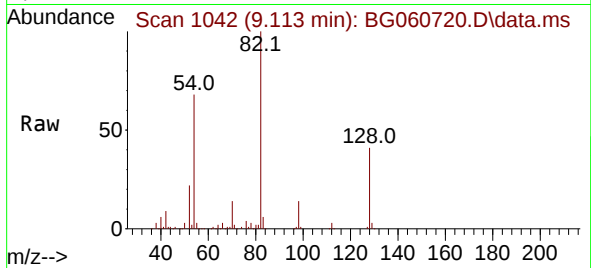




#24
Nitrobenzene
Concen: 2.950 ng
RT: 9.113 min Scan# 1042
Delta R.T. -0.041 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

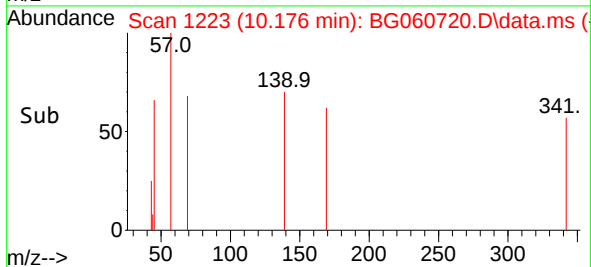
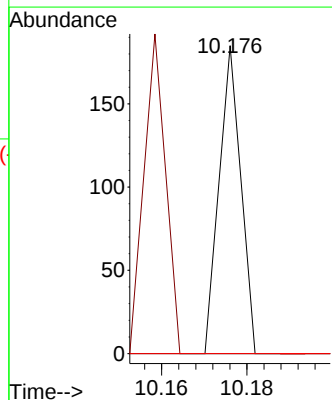
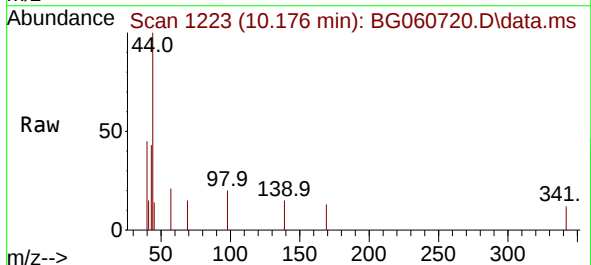
Instrument :
BNA_G
ClientSampleId :
72-11998

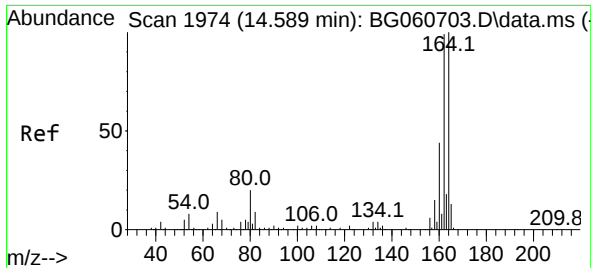
Tgt Ion: 77 Resp: 1053
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 32.9 11.3 16.9#



#26
2-Nitrophenol
Concen: 2.996 ng
RT: 10.176 min Scan# 1223
Delta R.T. 0.311 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

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

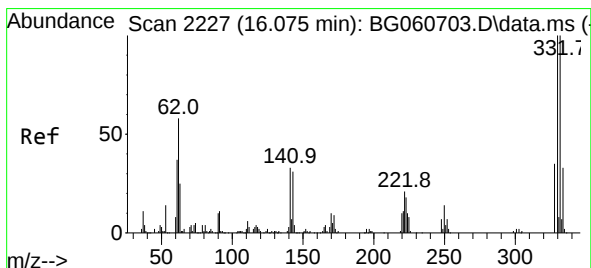
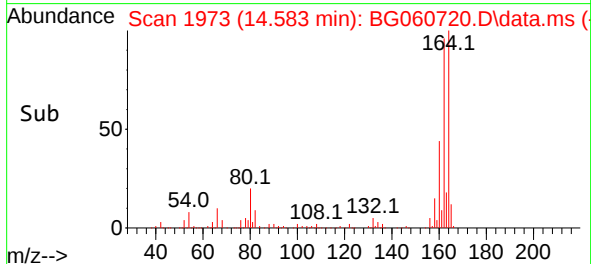
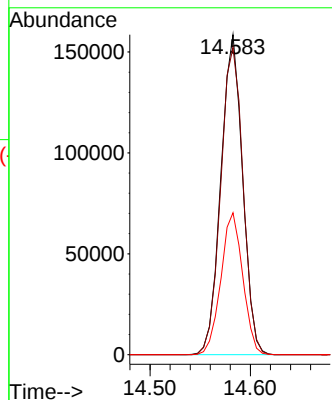
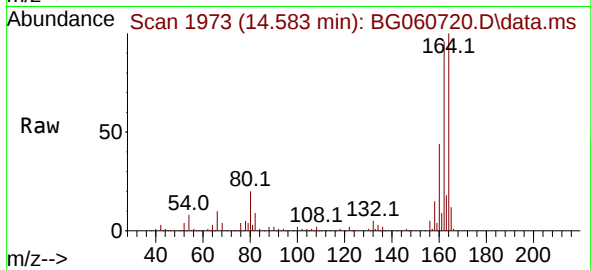




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

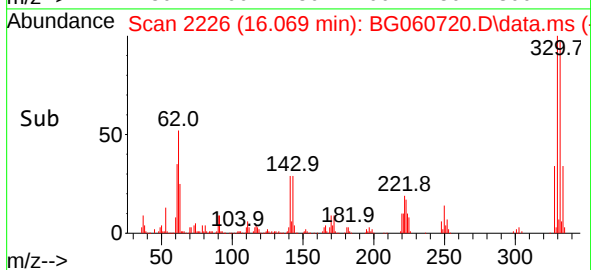
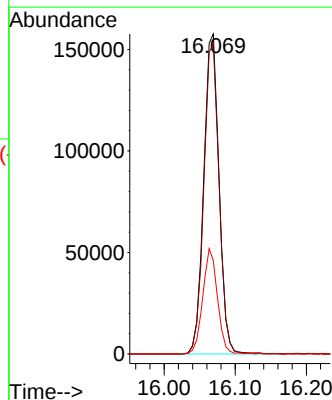
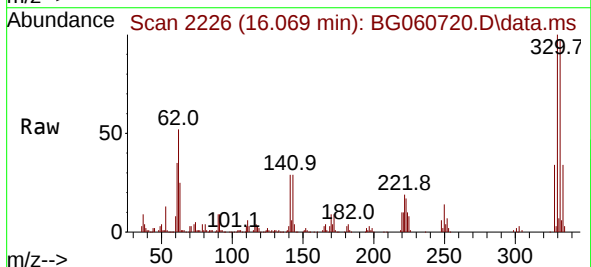
Instrument :
BNA_G
ClientSampleId :
72-11998

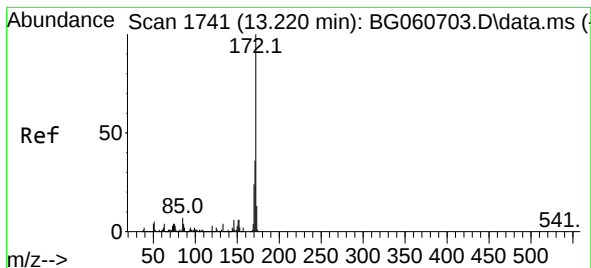
Tgt Ion:164 Resp: 237669
Ion Ratio Lower Upper
164 100
162 96.0 79.5 119.3
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 87.590 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:330 Resp: 236311
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 31.6 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 47.148 ng

RT: 13.208 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

Instrument :

BNA_G

ClientSampleId :

72-11998

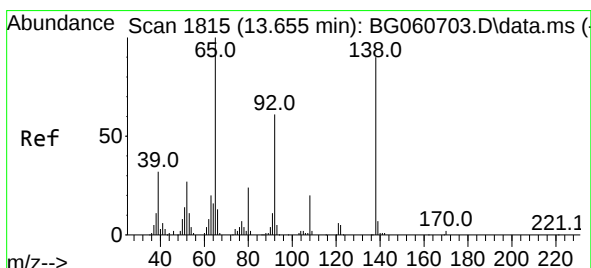
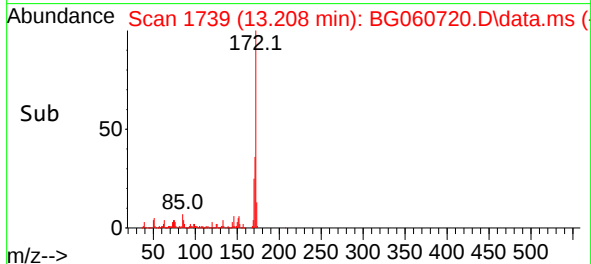
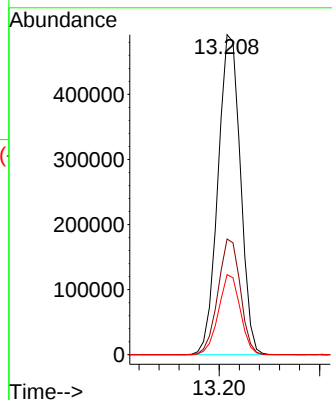
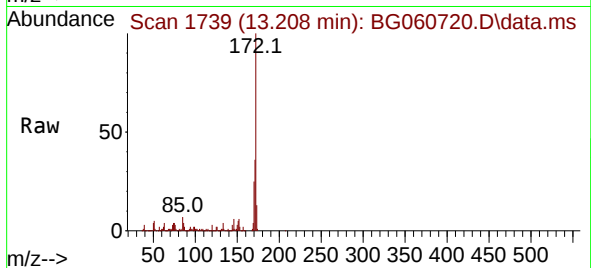
Tgt Ion:172 Resp: 763515

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 25.0 19.4 29.0



#48

2-Nitroaniline

Concen: 2.805 ng

RT: 13.660 min Scan# 1816

Delta R.T. 0.005 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

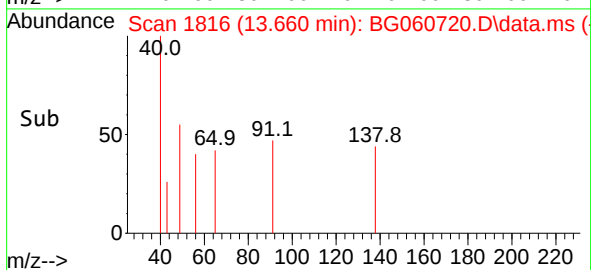
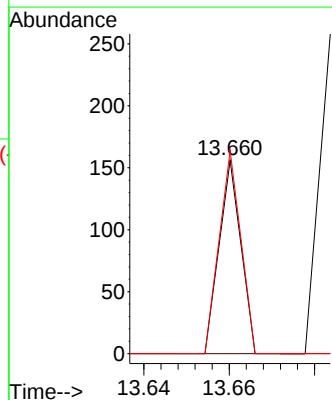
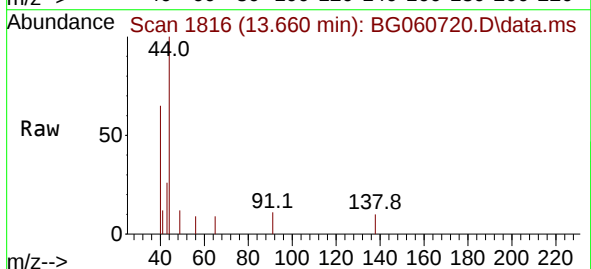
Tgt Ion: 65 Resp: 55

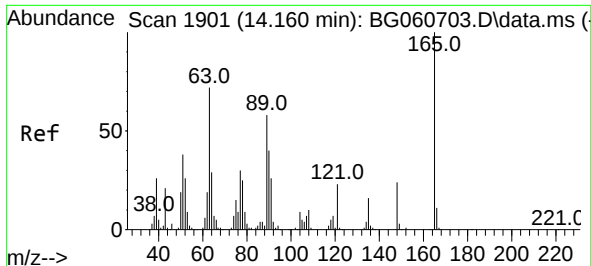
Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 105.1 72.2 108.4

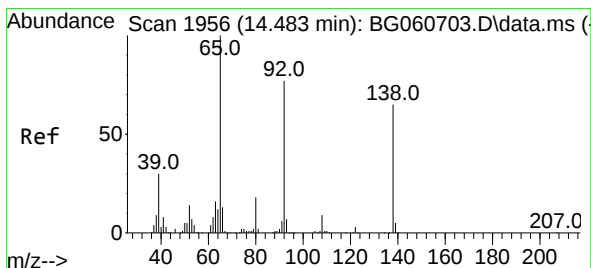
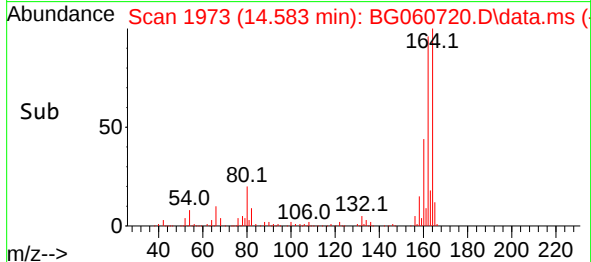
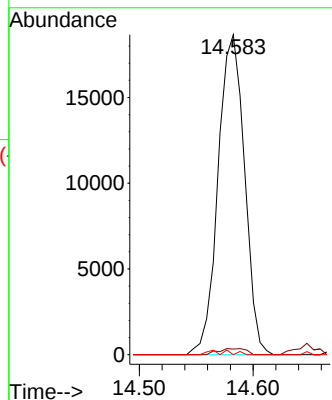
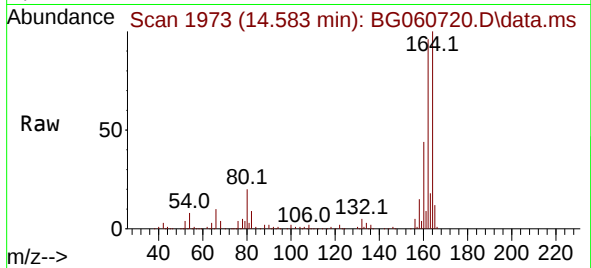




#51
2,6-Dinitrotoluene
Concen: 11.805 ng
RT: 14.583 min Scan# 1901
Delta R.T. 0.423 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

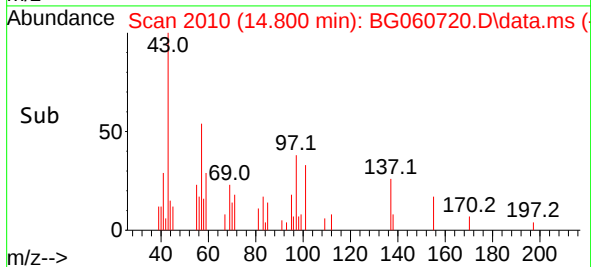
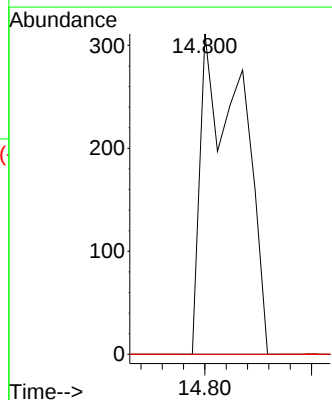
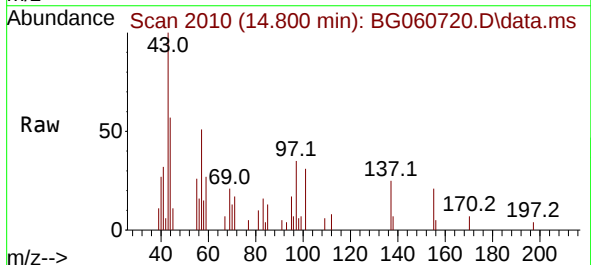
Instrument :
BNA_G
ClientSampleId :
72-11998

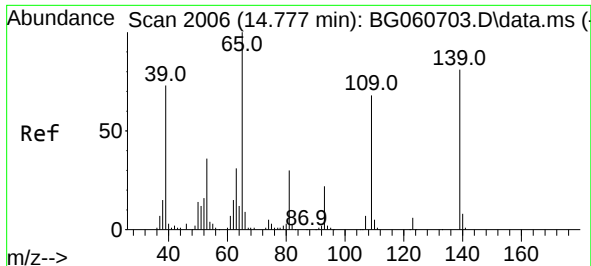
Tgt Ion:165 Resp: 30149
Ion Ratio Lower Upper
165 100
63 1.7 58.2 87.4#
89 0.0 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.958 ng
RT: 14.800 min Scan# 2010
Delta R.T. 0.317 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:138 Resp: 418
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#

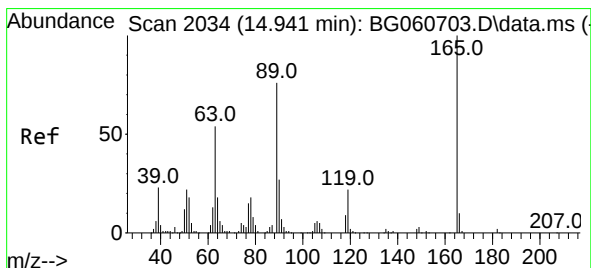
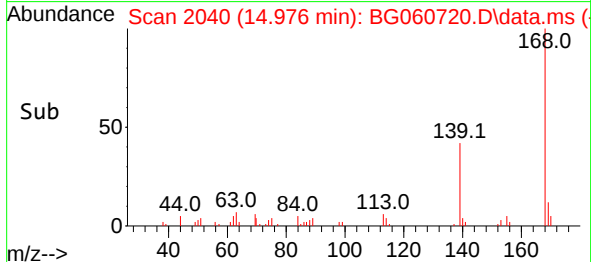
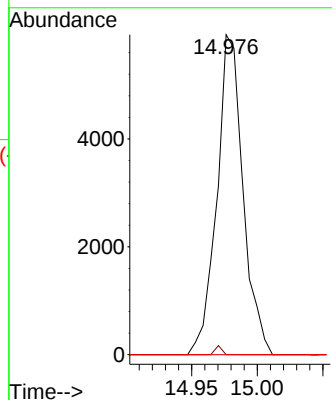
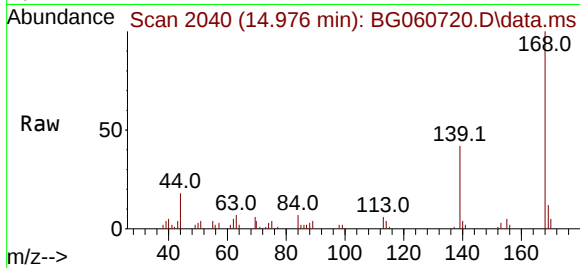




#56
4-Nitrophenol
Concen: 2.987 ng
RT: 14.976 min Scan# 2006
Delta R.T. 0.199 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

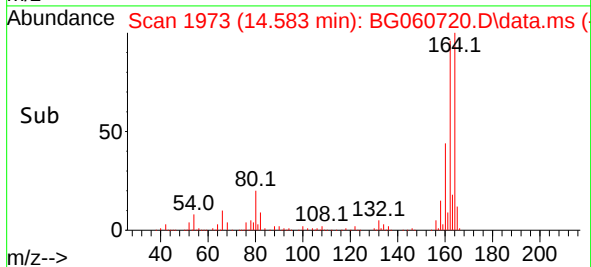
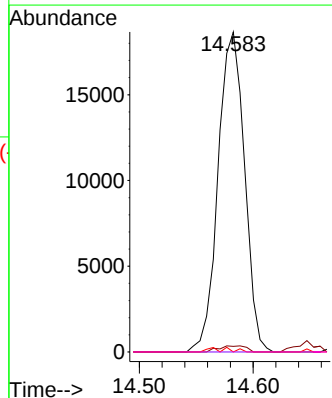
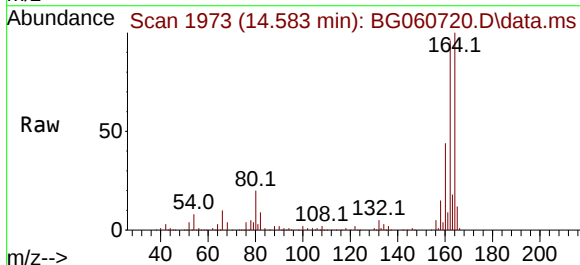
Instrument :
BNA_G
ClientSampleId :
72-11998

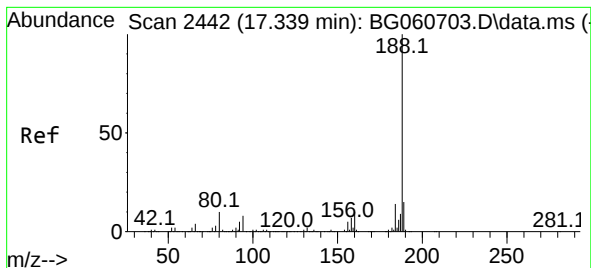
Tgt Ion:139 Resp: 8202
Ion Ratio Lower Upper
139 100
109 0.0 64.0 104.0#
65 0.0 104.3 144.3#



#57
2,4-Dinitrotoluene
Concen: 9.943 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.358 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:165 Resp: 30149
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.326 min Scan# 2442

Delta R.T. -0.012 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

Instrument :

BNA_G

ClientSampleId :

72-11998

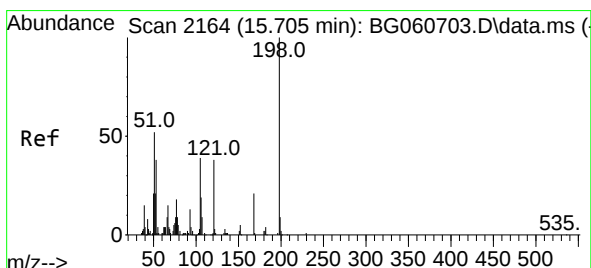
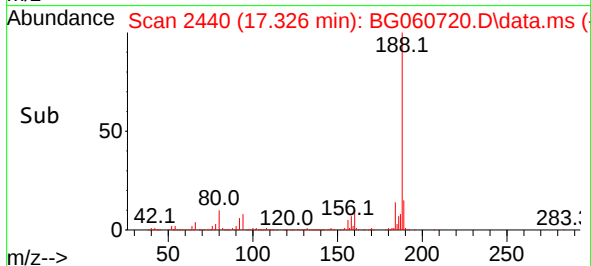
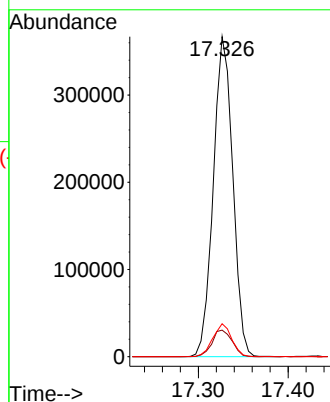
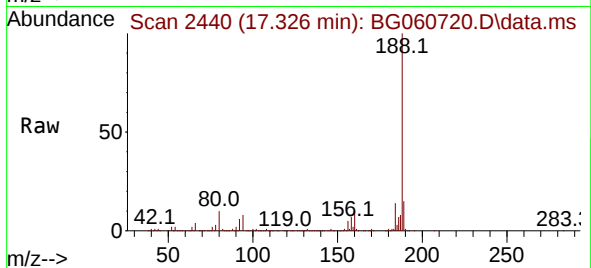
Tgt Ion:188 Resp: 552676

Ion Ratio Lower Upper

188 100

94 8.3 6.6 9.8

80 10.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.388 ng

RT: 16.069 min Scan# 2226

Delta R.T. 0.364 min

Lab File: BG060720.D

Acq: 1 Apr 2024 18:12

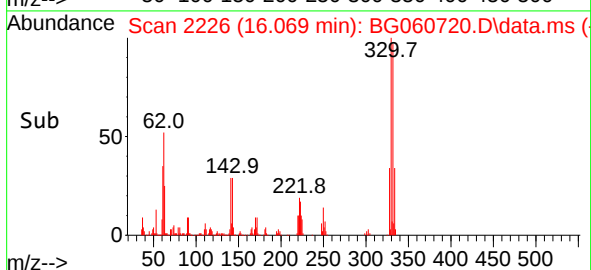
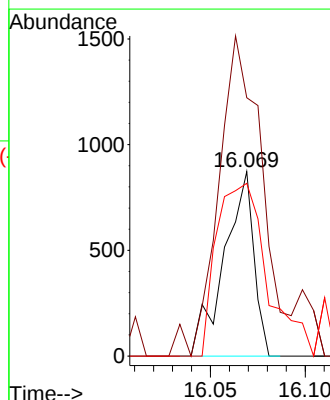
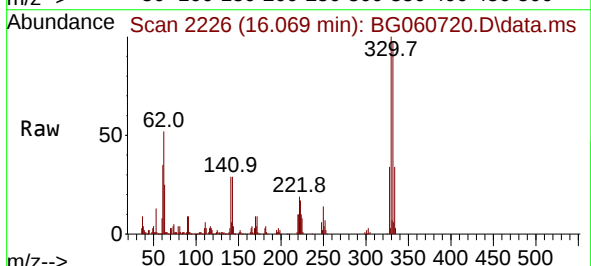
Tgt Ion:198 Resp: 947

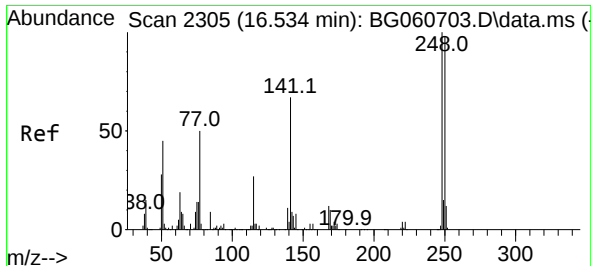
Ion Ratio Lower Upper

198 100

51 140.1 36.7 76.7#

105 93.7 19.1 59.1#

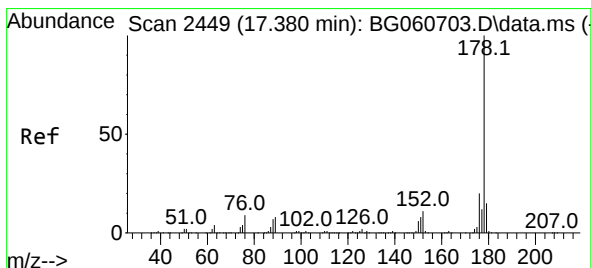
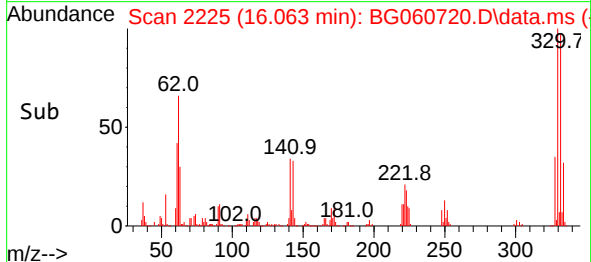
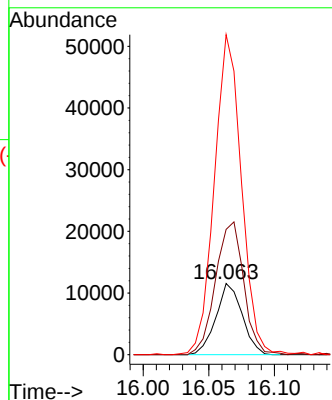
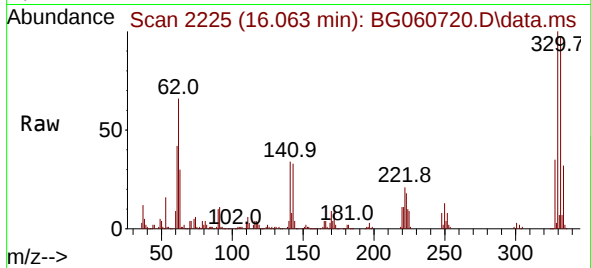




#67
4-Bromophenyl-phenylether
Concen: 2.865 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.471 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

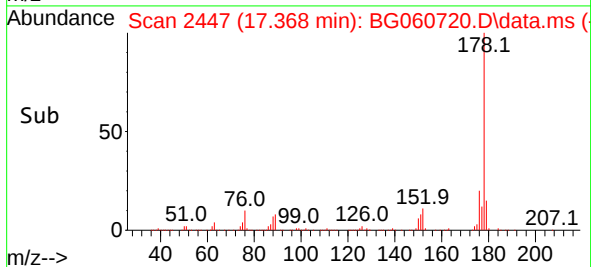
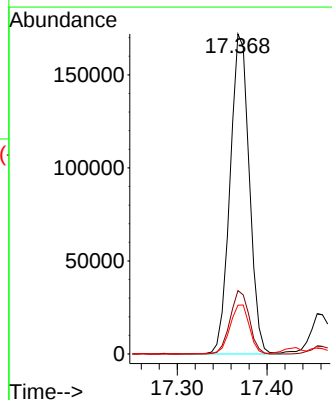
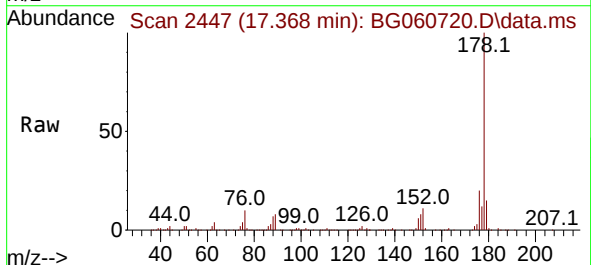
Instrument :
BNA_G
ClientSampleId :
72-11998

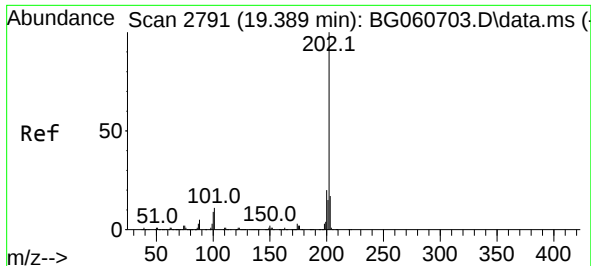
Tgt Ion:248 Resp: 16067
Ion Ratio Lower Upper
248 100
250 175.8 78.3 117.5#
141 449.0 53.7 80.5#



#71
Phenanthrene
Concen: 8.888 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.012 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:178 Resp: 255475
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.2 12.2 18.4

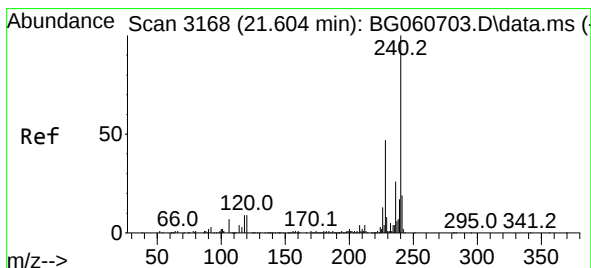
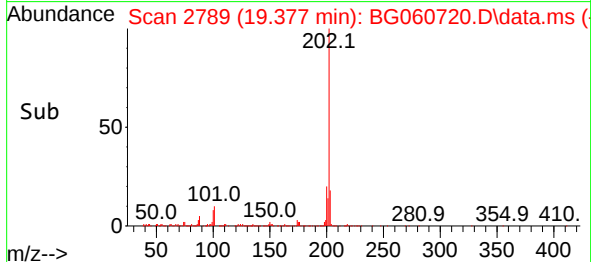
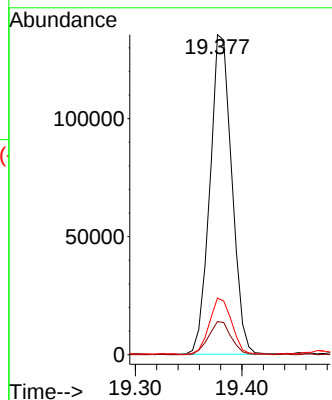
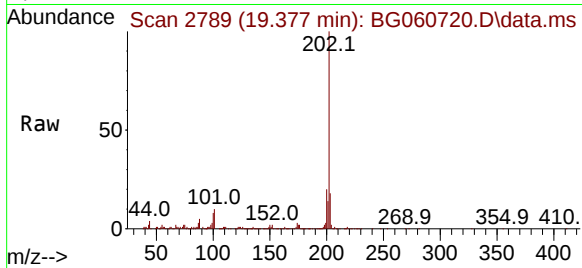




#75
Fluoranthene
Concen: 5.553 ng
RT: 19.377 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

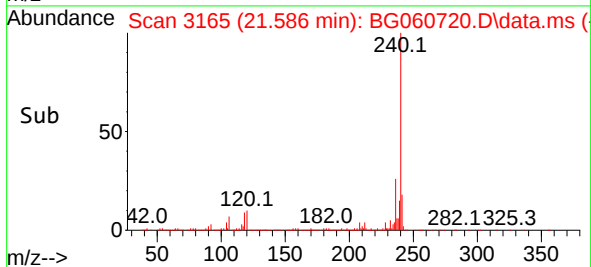
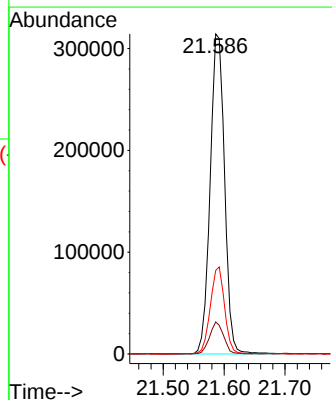
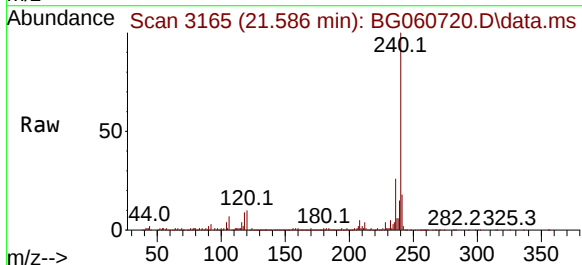
Instrument :
BNA_G
ClientSampleId :
72-11998

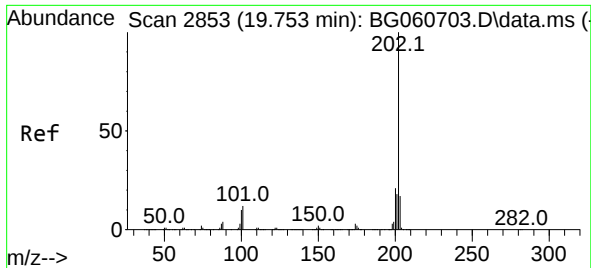
Tgt Ion:202 Resp: 193685
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:240 Resp: 517048
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.1 20.7 31.1

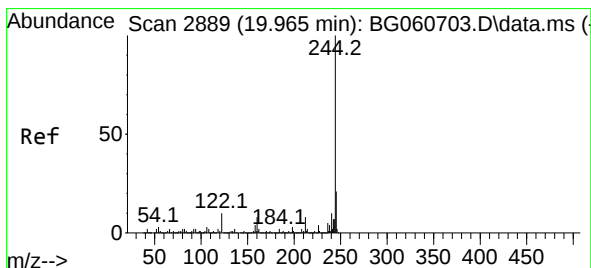
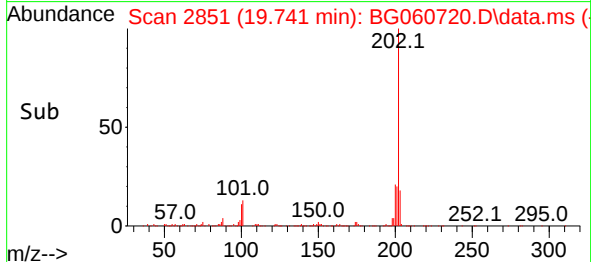
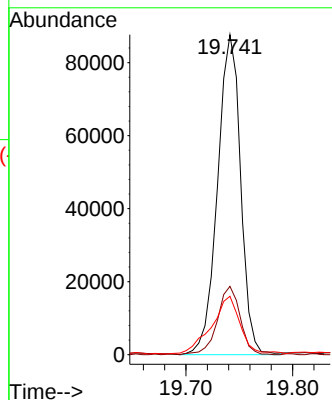
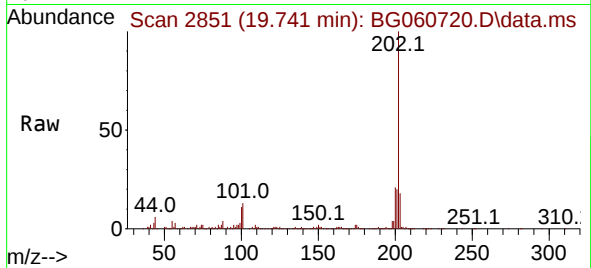




#78
Pyrene
Concen: 3.639 ng
RT: 19.741 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

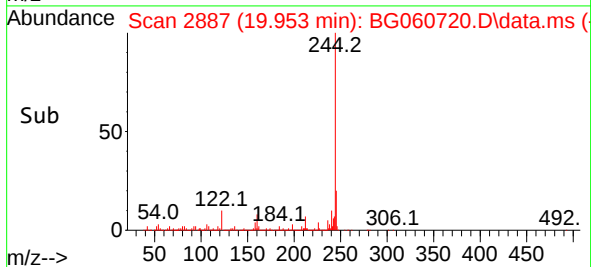
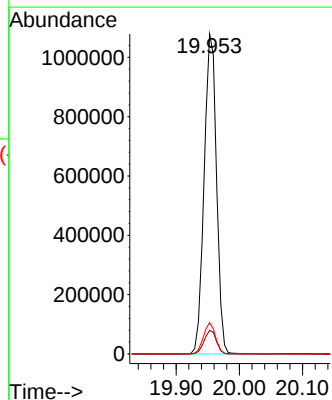
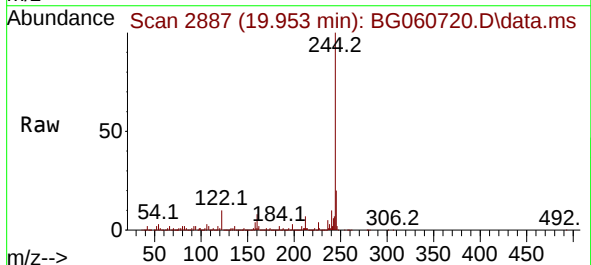
Instrument :
BNA_G
ClientSampleId :
72-11998

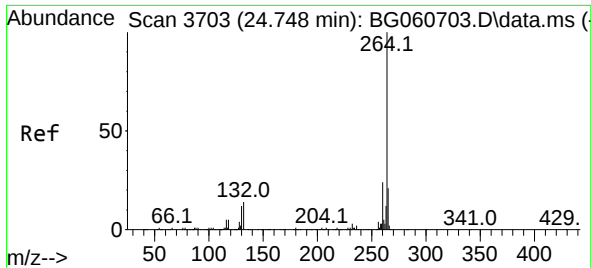
Tgt Ion:202 Resp: 131587
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.3 14.0 21.0



#79
Terphenyl-d14
Concen: 49.851 ng
RT: 19.953 min Scan# 2887
Delta R.T. -0.012 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Tgt Ion:244 Resp: 1463827
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.8 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 30
Delta R.T. -0.024 min
Lab File: BG060720.D
Acq: 1 Apr 2024 18:12

Instrument :
BNA_G
ClientSampleId :
72-11998

Tgt Ion:264 Resp: 599003
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.4 16.9 25.3

