

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060719.D
 Acq On : 1 Apr 2024 17:31
 Operator : MA/JU
 Sample : P1894-04DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB40858RTDL

Quant Time: Apr 01 18:17:13 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)

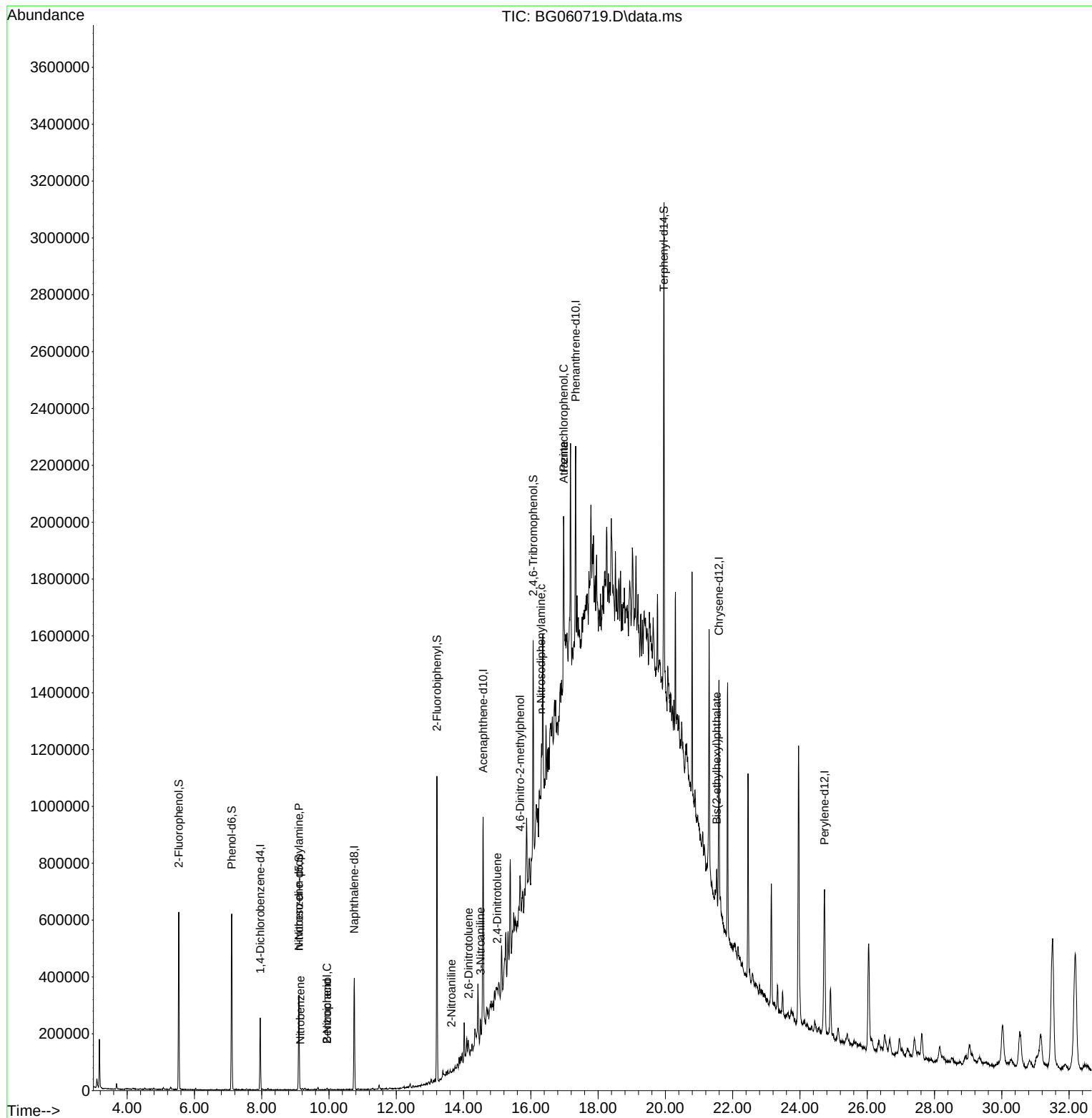
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	65999	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	314706	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	235613	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	492142	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	458733	20.000	ng	#-0.01
86) Perylene-d12	24.730	264	542151	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	249443	62.962	ng	0.00
7) Phenol-d6	7.109	99	319839	54.387	ng	0.00
23) Nitrobenzene-d5	9.107	82	173586	31.474	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	140588	52.564	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	538766	33.560	ng	-0.01
79) Terphenyl-d14	19.959	244	855014	32.819	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.107	70	23513	5.243	ng	# 81
24) Nitrobenzene	9.148	77	194	2.803	ng	# 42
26) 2-Nitrophenol	9.941	139	66	2.994	ng	# 31
32) Benzoic acid	9.941	122	1602	7.241	ng	# 71
48) 2-Nitroaniline	13.643	65	124	2.823	ng	# 82
51) 2,6-Dinitrotoluene	14.148	165	1947	4.035	ng	# 34
53) 3-Nitroaniline	14.501	138	1853	3.328	ng	# 27
57) 2,4-Dinitrotoluene	15.000	165	1155	3.503	ng	# 45
65) 4,6-Dinitro-2-methylph...	15.682	198	1155	7.519	ng	# 1
66) n-Nitrosodiphenylamine	16.310	169	30745	2.186	ng	91
69) Atrazine	16.980	200	23202	4.718	ng	76
70) Pentachlorophenol	16.974	266	112034	30.453	ng	99
84) Bis(2-ethylhexyl)phtha...	21.528	149	48918	2.622	ng	# 95

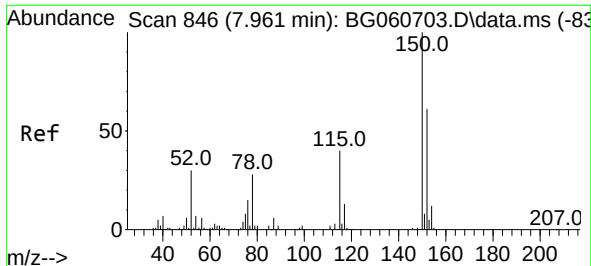
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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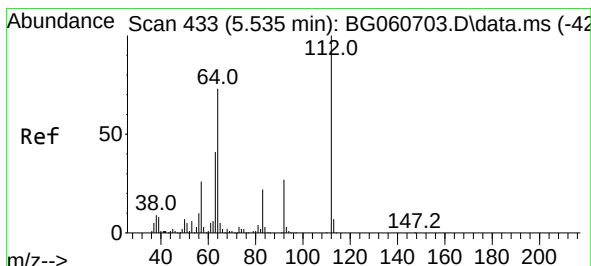
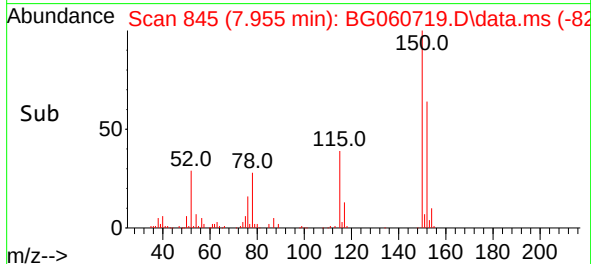
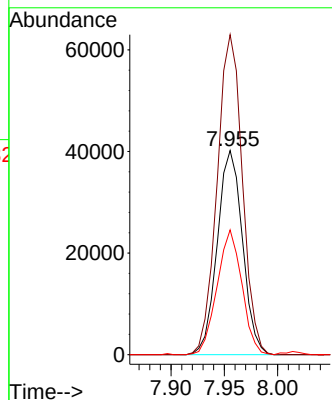
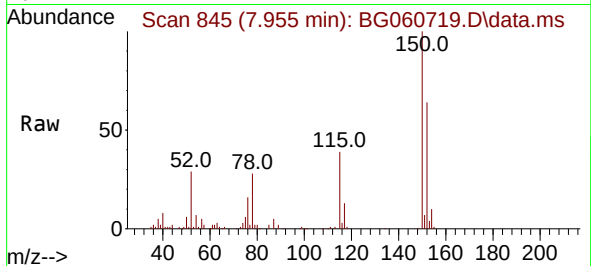




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

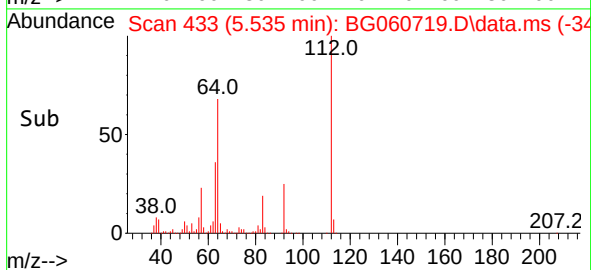
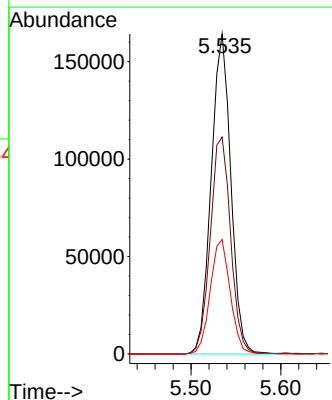
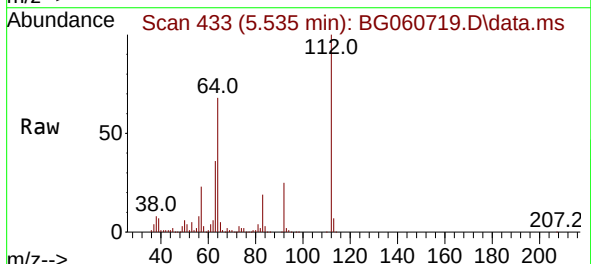
Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

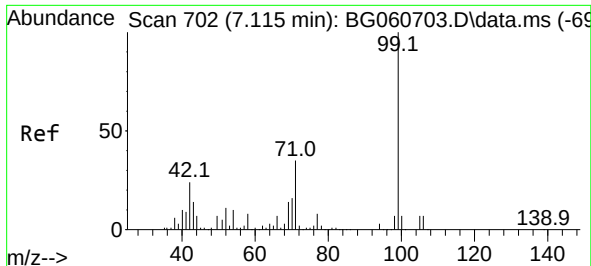
Tgt Ion:152 Resp: 65999
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.4
115 61.1 51.6 77.4



#5
2-Fluorophenol
Concen: 62.962 ng
RT: 5.535 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion:112 Resp: 249443
Ion Ratio Lower Upper
112 100
64 67.8 58.4 87.6
63 35.7 32.7 49.1

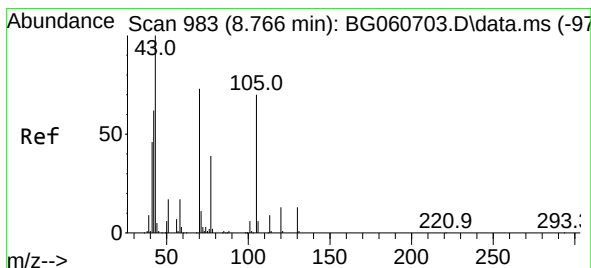
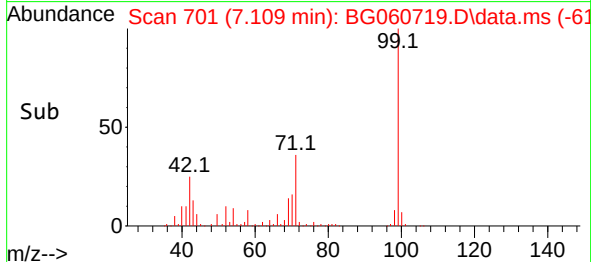
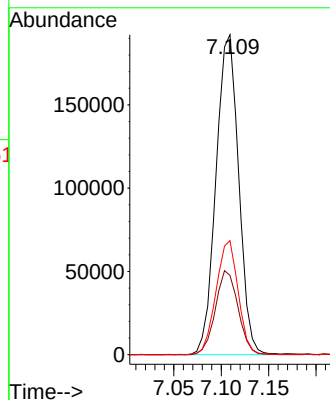
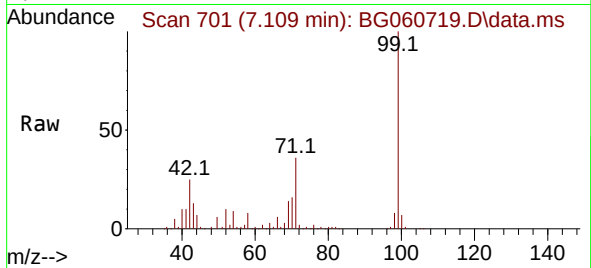




#7
Phenol-d6
Concen: 54.387 ng
RT: 7.109 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

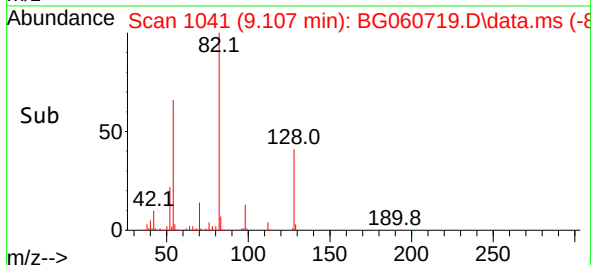
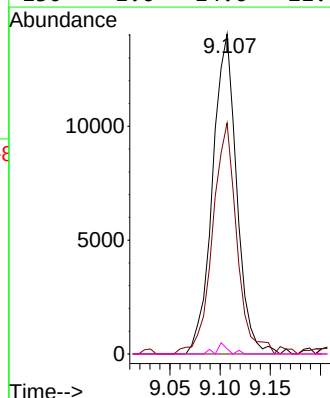
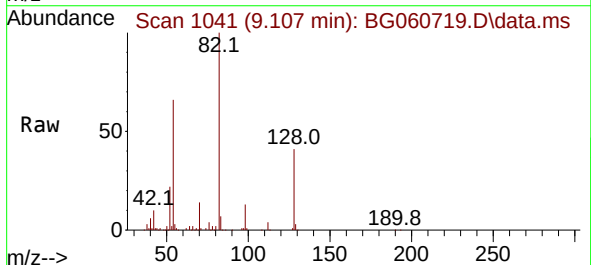
Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

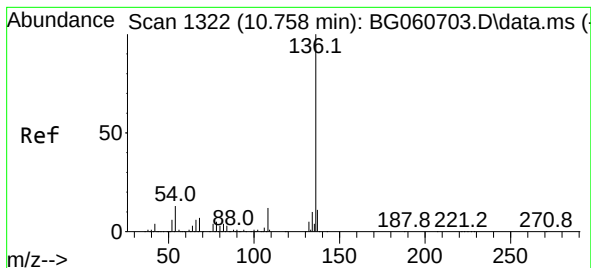
Tgt Ion: 99 Resp: 319839
Ion Ratio Lower Upper
99 100
42 24.8 19.4 29.2
71 35.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 5.243 ng
RT: 9.107 min Scan# 1041
Delta R.T. 0.341 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion: 70 Resp: 23513
Ion Ratio Lower Upper
70 100
42 72.2 68.4 102.6
101 0.0 6.1 9.1#
130 1.6 14.6 21.8#

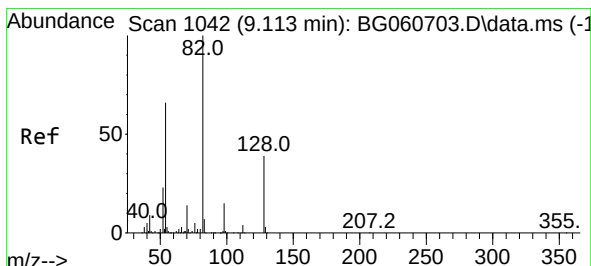
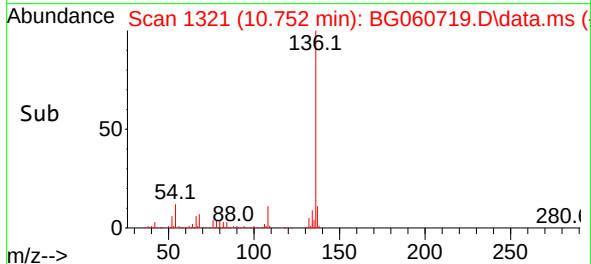
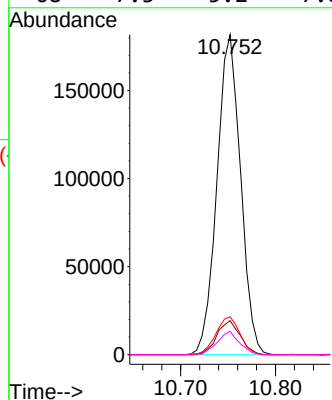
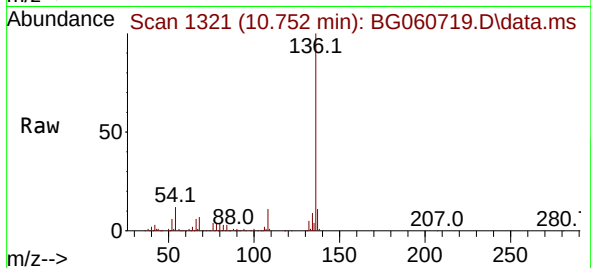




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

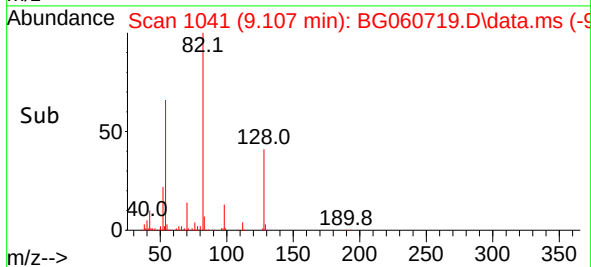
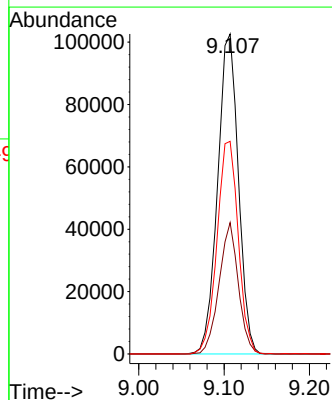
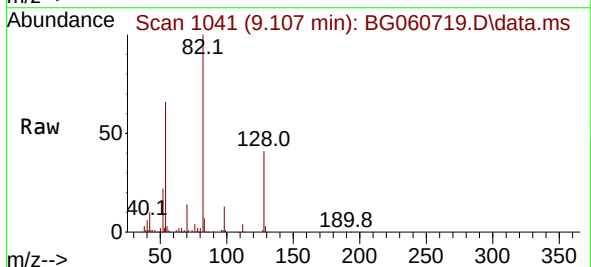
Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

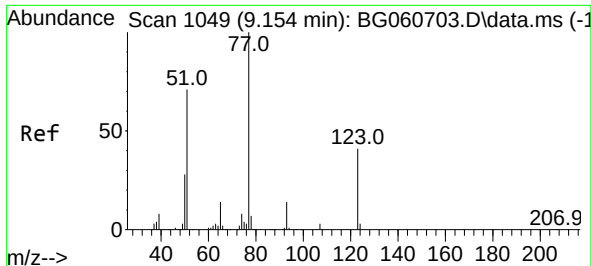
Tgt Ion:136 Resp: 314706
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 11.9 10.2 15.2
68 7.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 31.474 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

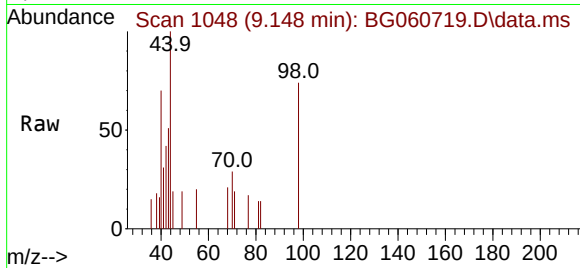
Tgt Ion: 82 Resp: 173586
Ion Ratio Lower Upper
82 100
128 41.1 31.2 46.8
54 66.5 53.2 79.8



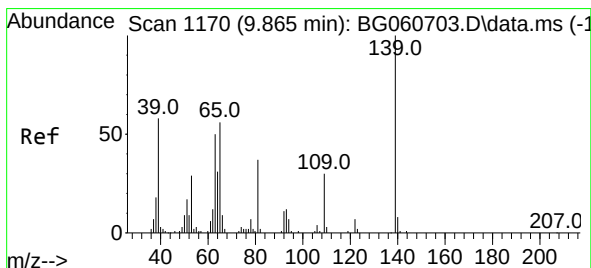
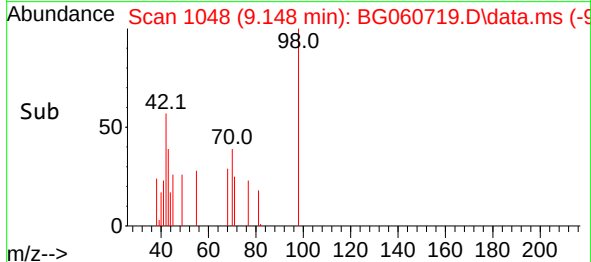
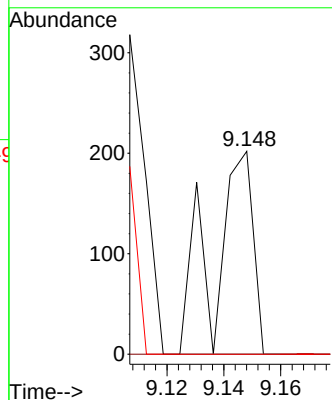


#24
Nitrobenzene
Concen: 2.803 ng
RT: 9.148 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

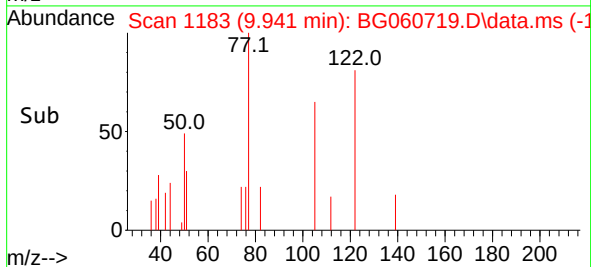
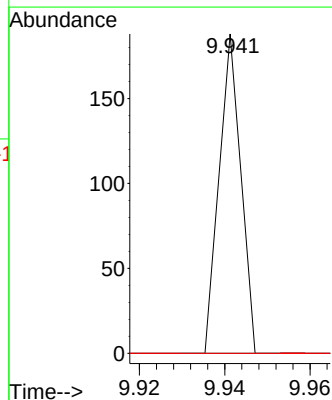
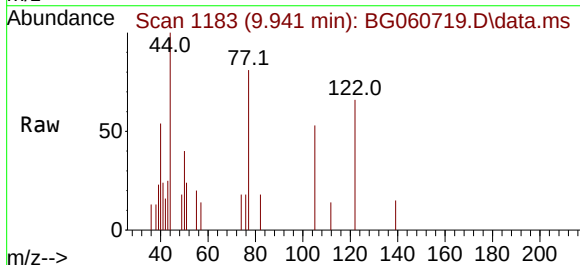


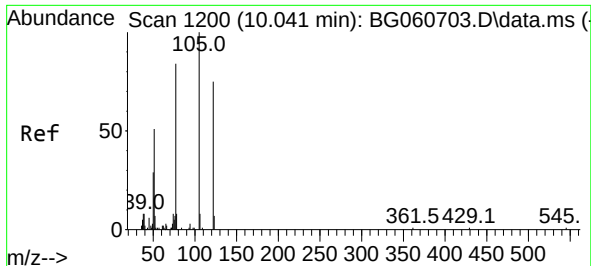
Tgt Ion: 77 Resp: 194
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#26
2-Nitrophenol
Concen: 2.994 ng
RT: 9.941 min Scan# 1183
Delta R.T. 0.076 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion: 139 Resp: 66
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

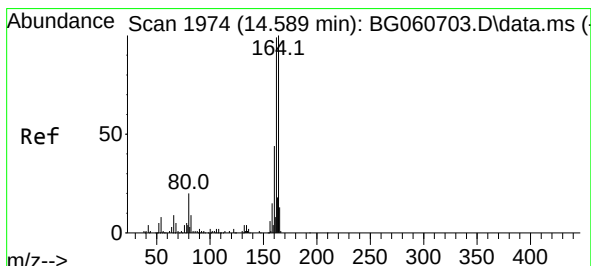
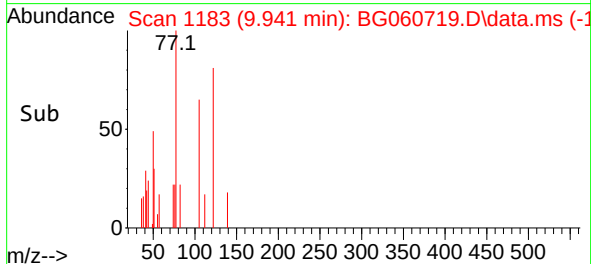
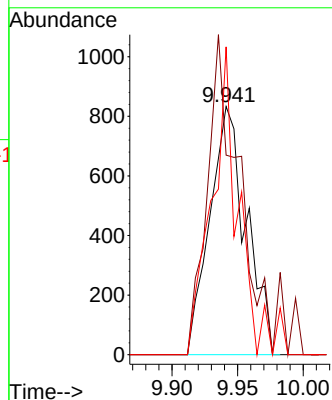
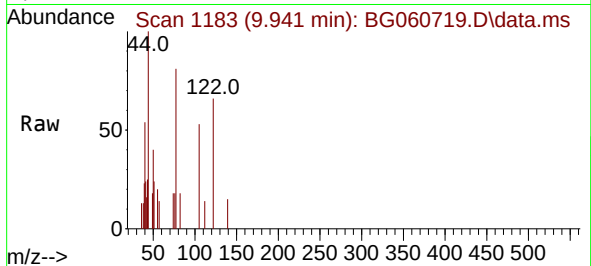




#32
Benzoic acid
Concen: 7.241 ng
RT: 9.941 min Scan# 11
Delta R.T. -0.100 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

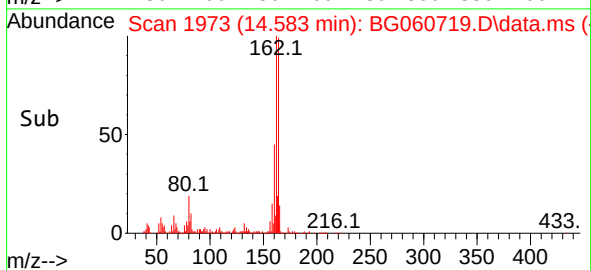
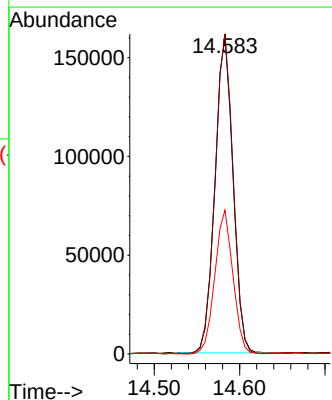
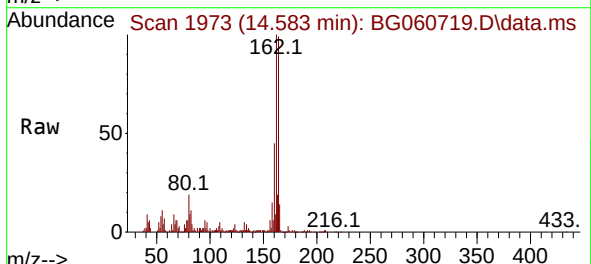
Instrument :
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ClientSampleId :
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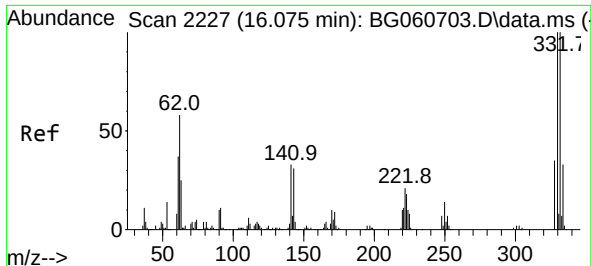
Tgt Ion:122 Resp: 1602
Ion Ratio Lower Upper
122 100
105 80.4 104.5 144.5#
77 124.0 85.3 125.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

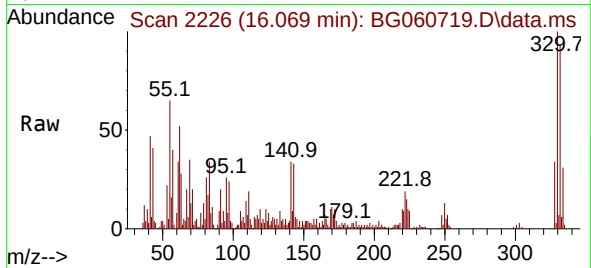
Tgt Ion:164 Resp: 235613
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 45.3 35.4 53.0



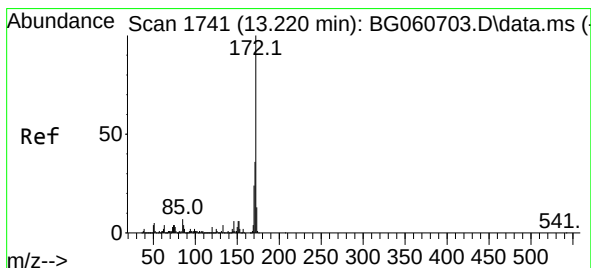
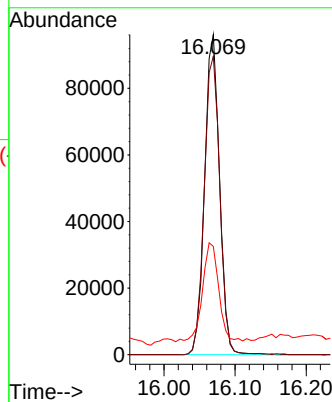
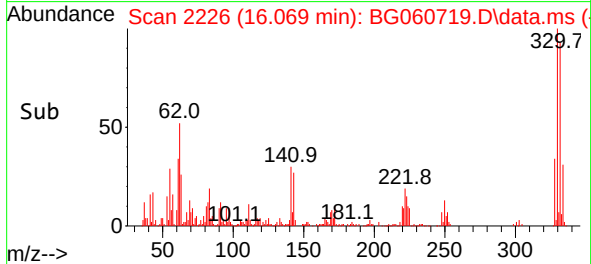


#42
2,4,6-Tribromophenol
Concen: 52.564 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

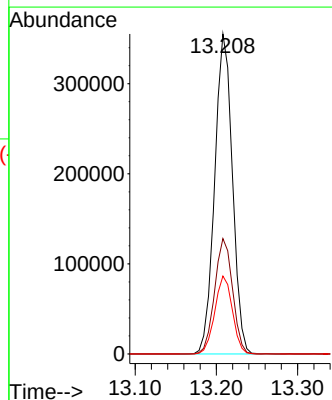
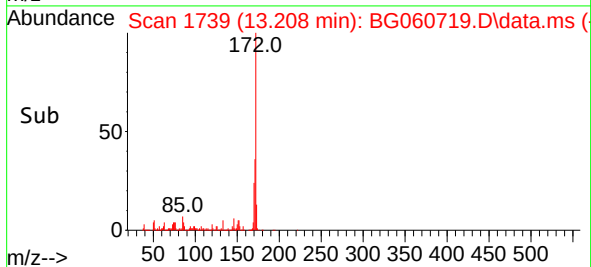
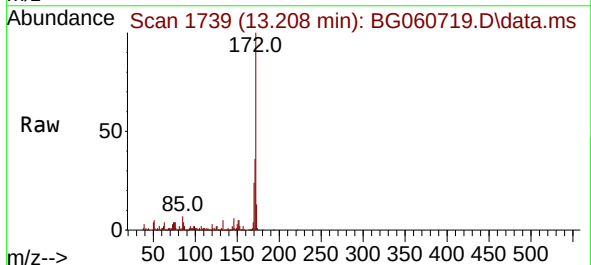


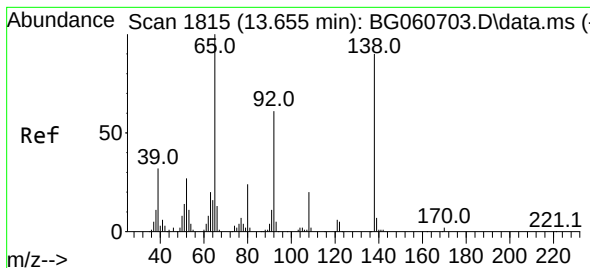
Tgt Ion:330 Resp: 140588
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 33.9 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 33.560 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion:172 Resp: 538766
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.3 19.4 29.0

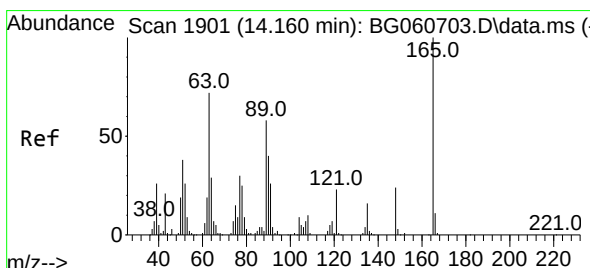
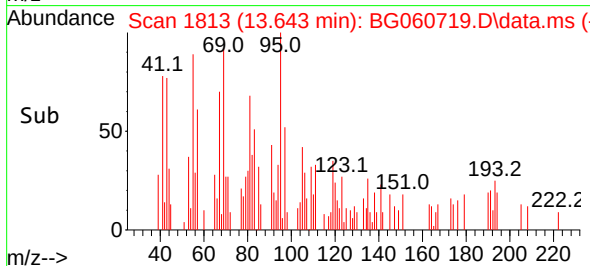
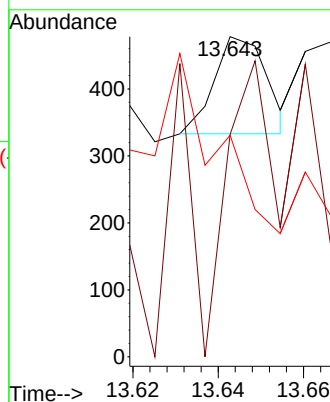
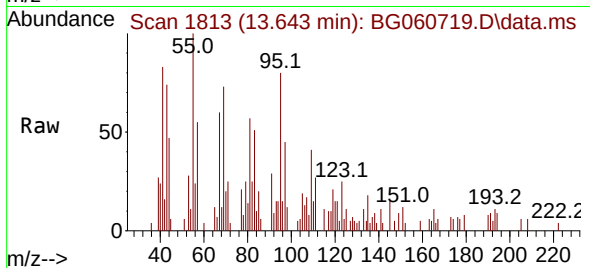




#48
2-Nitroaniline
Concen: 2.823 ng
RT: 13.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

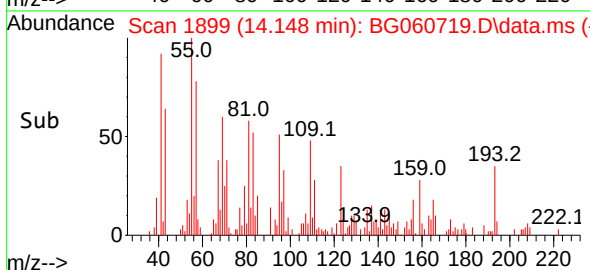
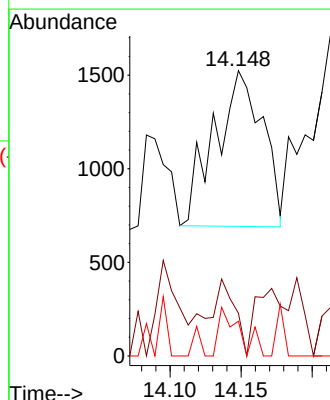
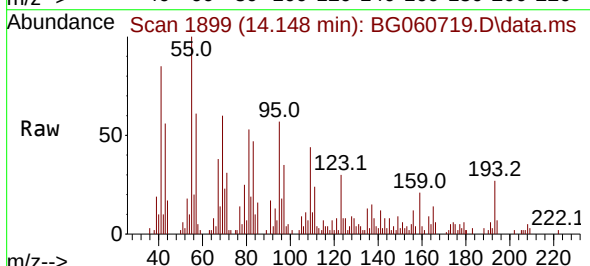
Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

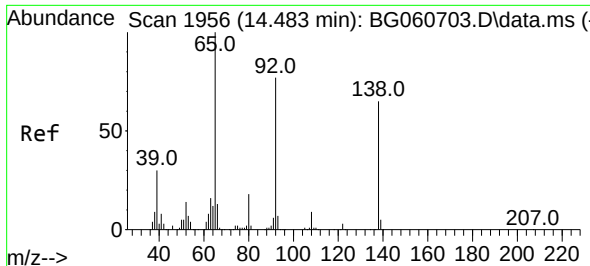
Tgt Ion: 65 Resp: 124
Ion Ratio Lower Upper
65 100
92 69.5 48.6 72.8
138 69.2 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 4.035 ng
RT: 14.148 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion:165 Resp: 1947
Ion Ratio Lower Upper
165 100
63 15.0 58.2 87.4#
89 12.2 46.1 69.1#

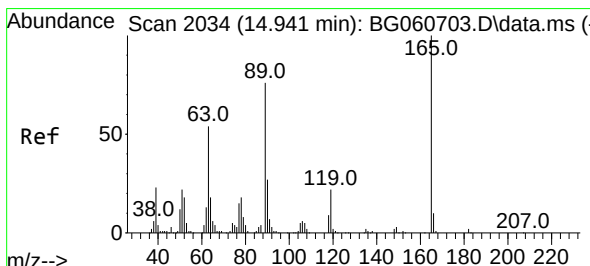
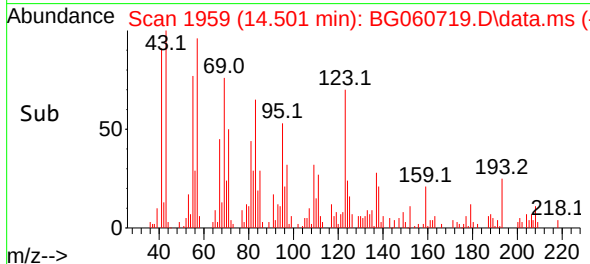
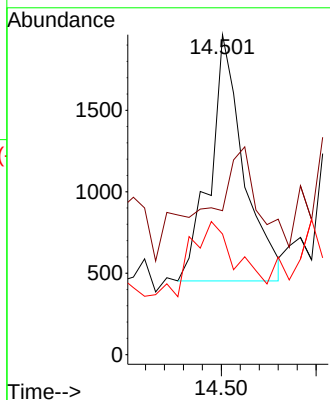
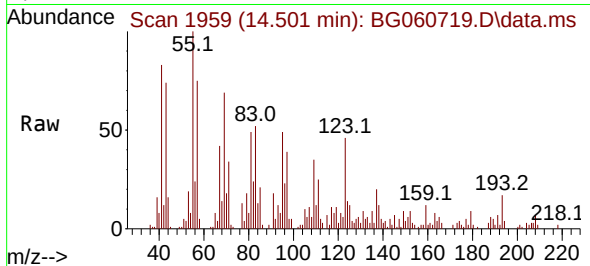




#53
3-Nitroaniline
Concen: 3.328 ng
RT: 14.501 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

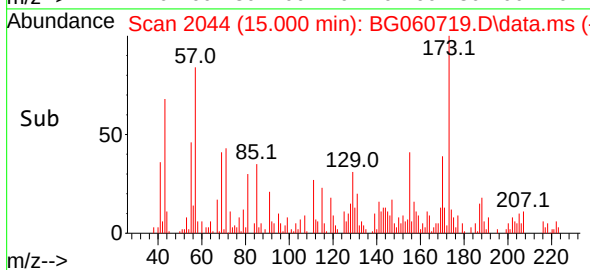
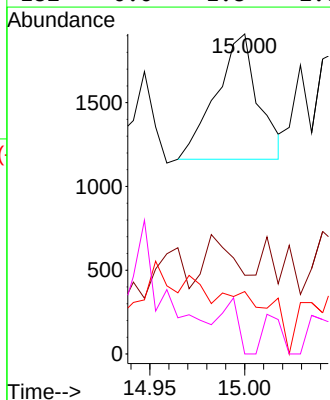
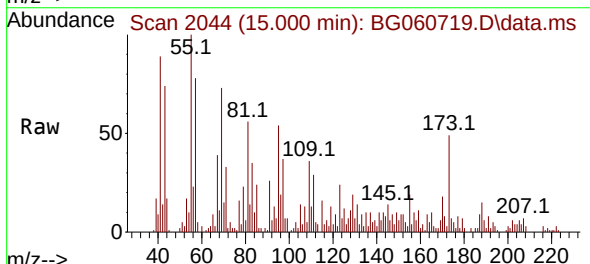
Instrument :
BNA_G
ClientSampleId :
RB40858RTDL

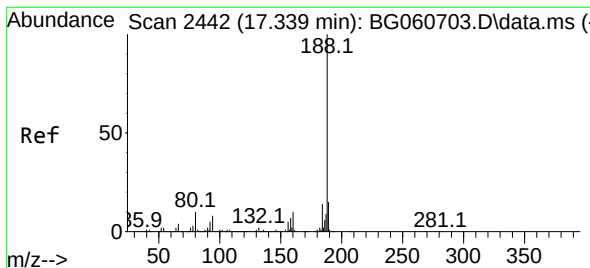
Tgt Ion:138 Resp: 1853
Ion Ratio Lower Upper
138 100
108 45.0 11.3 16.9#
92 37.7 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 3.503 ng
RT: 15.000 min Scan# 2044
Delta R.T. 0.059 min
Lab File: BG060719.D
Acq: 1 Apr 2024 17:31

Tgt Ion:165 Resp: 1155
Ion Ratio Lower Upper
165 100
63 24.6 43.4 65.0#
89 19.5 61.0 91.6#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BG060719.D

Acq: 1 Apr 2024 17:31

Instrument :

BNA_G

ClientSampleId :

RB40858RTDL

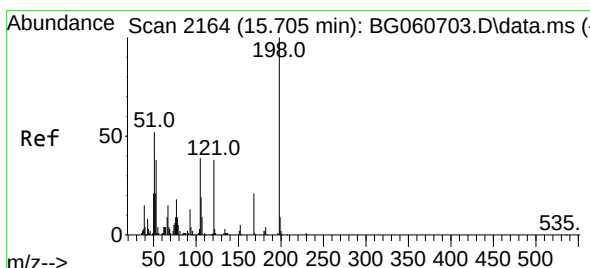
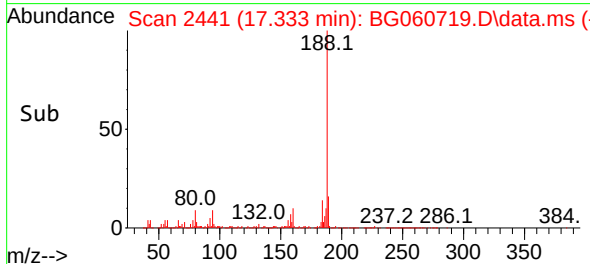
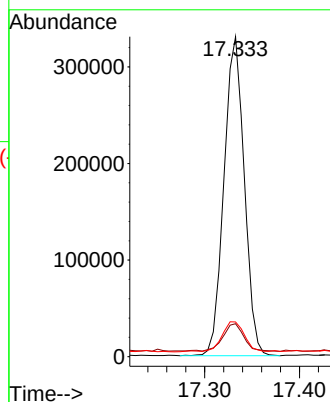
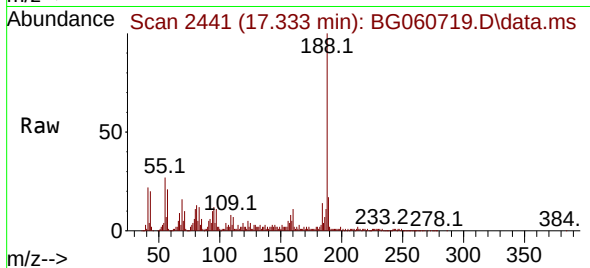
Tgt Ion:188 Resp: 492142

Ion Ratio Lower Upper

188 100

94 10.3 6.6 9.8#

80 10.8 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.519 ng

RT: 15.682 min Scan# 2160

Delta R.T. -0.023 min

Lab File: BG060719.D

Acq: 1 Apr 2024 17:31

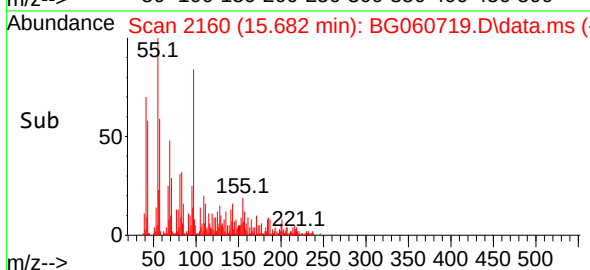
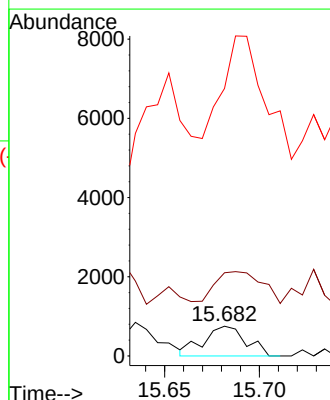
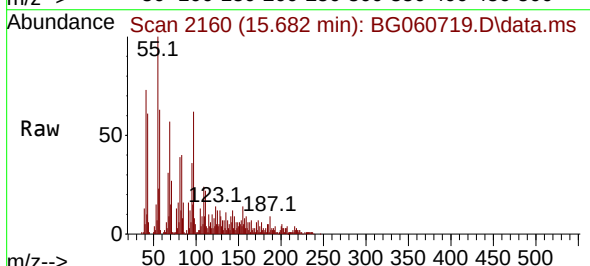
Tgt Ion:198 Resp: 1155

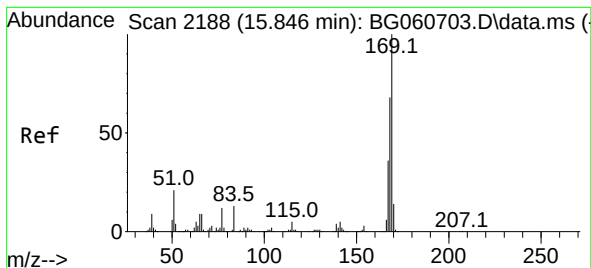
Ion Ratio Lower Upper

198 100

51 278.8 36.7 76.7#

105 897.1 19.1 59.1#





#66

n-Nitrosodiphenylamine

Concen: 2.186 ng

RT: 16.310 min Scan# 2188

Delta R.T. 0.464 min

Lab File: BG060719.D

Acq: 1 Apr 2024 17:31

Instrument :

BNA_G

ClientSampleId :

RB40858RTDL

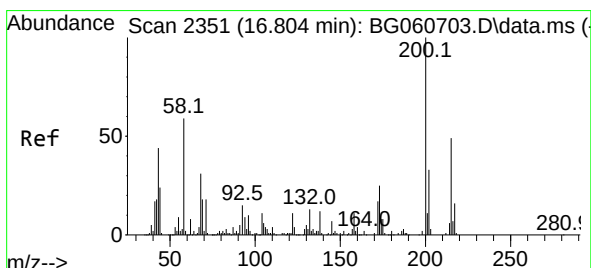
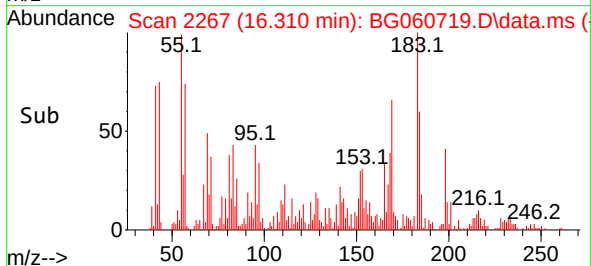
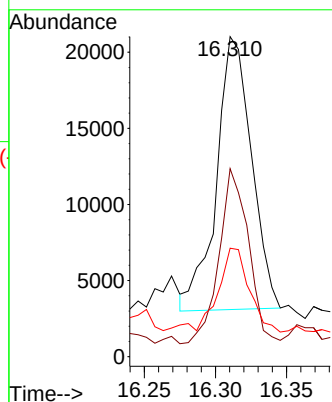
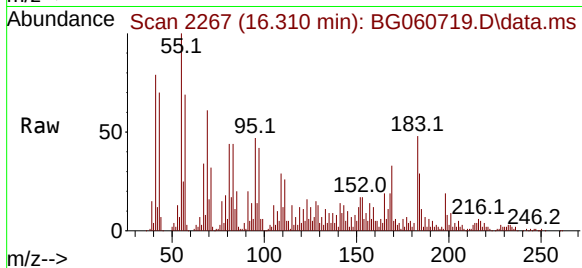
Tgt Ion:169 Resp: 30745

Ion Ratio Lower Upper

169 100

168 58.7 54.5 81.7

167 33.9 29.2 43.8



#69

Atrazine

Concen: 4.718 ng

RT: 16.980 min Scan# 2381

Delta R.T. 0.176 min

Lab File: BG060719.D

Acq: 1 Apr 2024 17:31

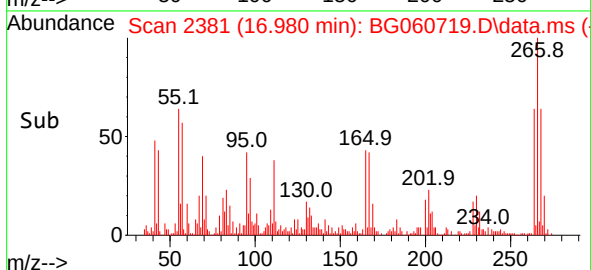
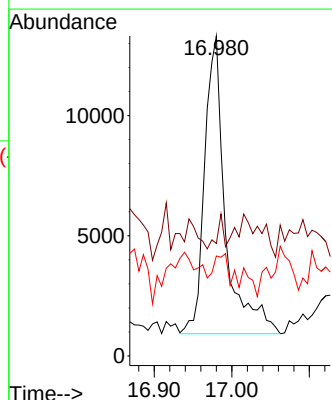
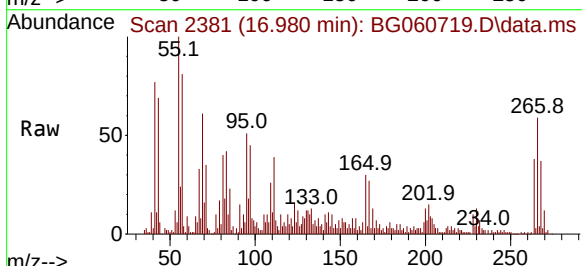
Tgt Ion:200 Resp: 23202

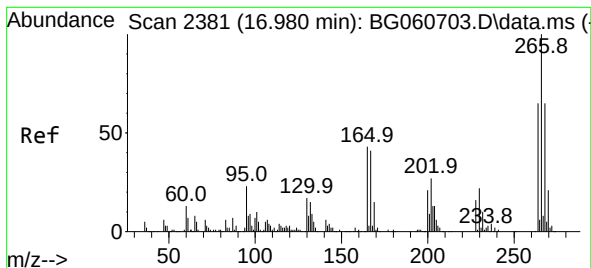
Ion Ratio Lower Upper

200 100

173 35.2 5.2 45.2

215 31.3 28.8 68.8





#70

Pentachlorophenol

Concen: 30.453 ng

RT: 16.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060719.D

Acq: 1 Apr 2024 17:31

Instrument :

BNA_G

ClientSampleId :

RB40858RTDL

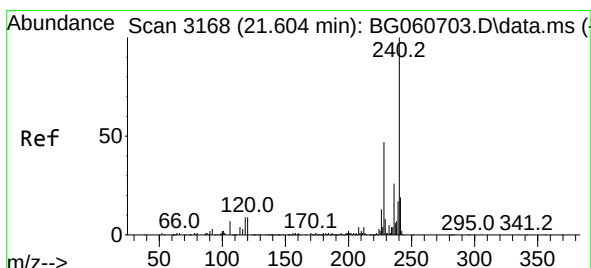
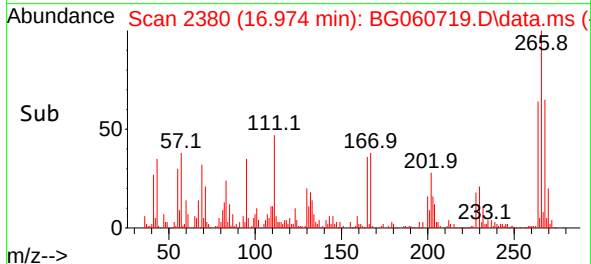
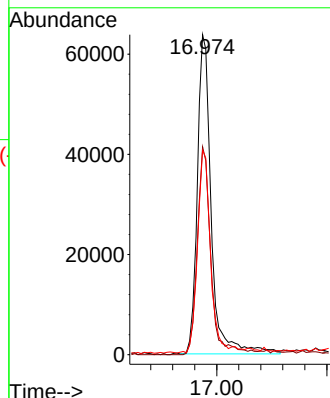
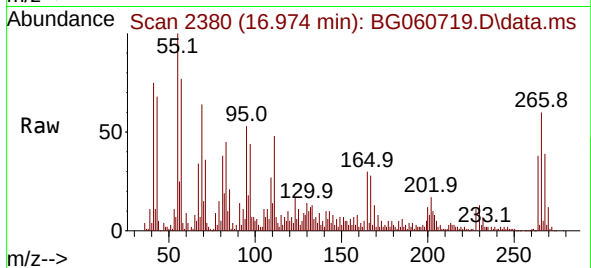
Tgt Ion:266 Resp: 112034

Ion Ratio Lower Upper

266 100

268 65.0 52.2 78.4

264 63.9 51.8 77.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG060719.D

Acq: 1 Apr 2024 17:31

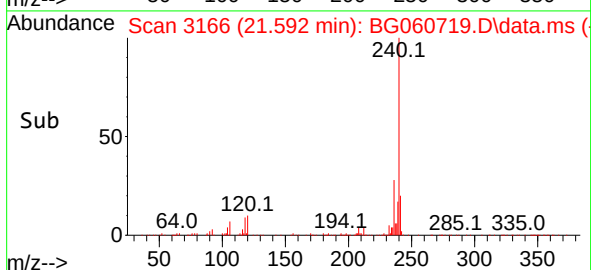
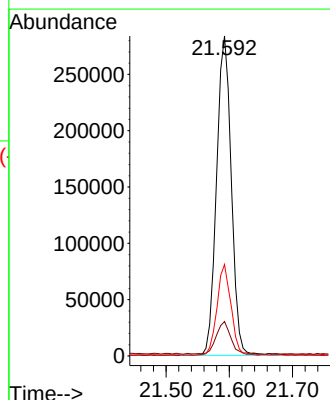
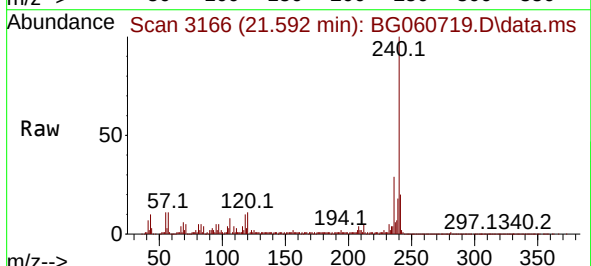
Tgt Ion:240 Resp: 458733

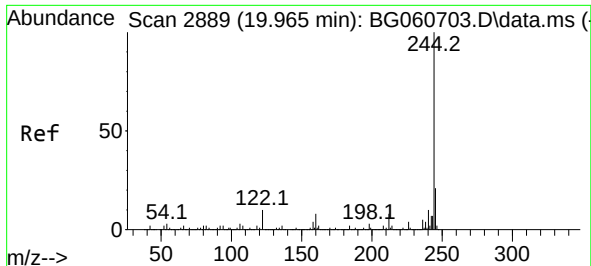
Ion Ratio Lower Upper

240 100

120 10.8 7.1 10.7#

236 28.6 20.7 31.1

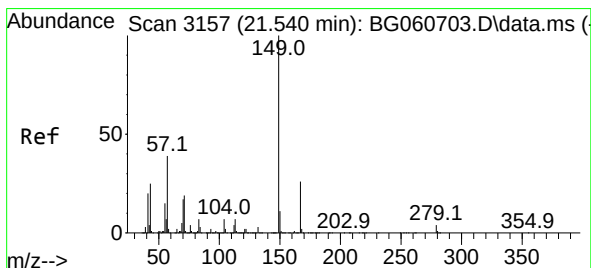
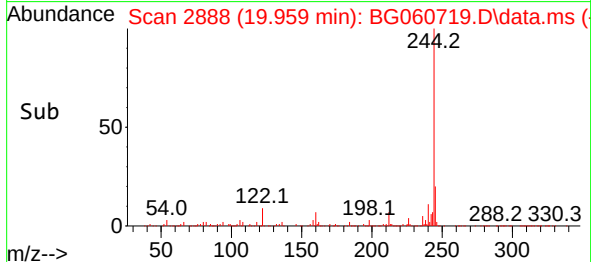
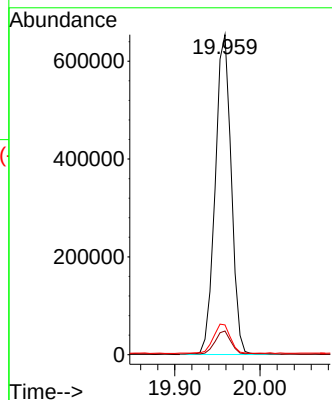
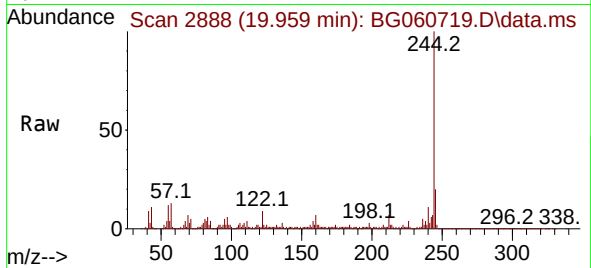




#79
 Terphenyl-d14
 Concen: 32.819 ng
 RT: 19.959 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060719.D
 Acq: 1 Apr 2024 17:31

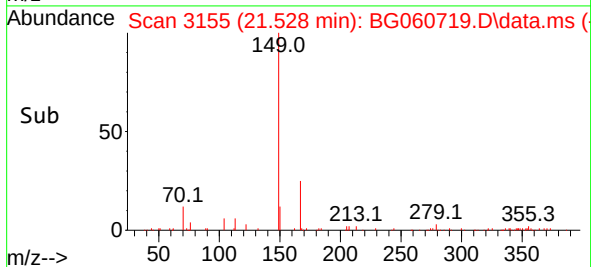
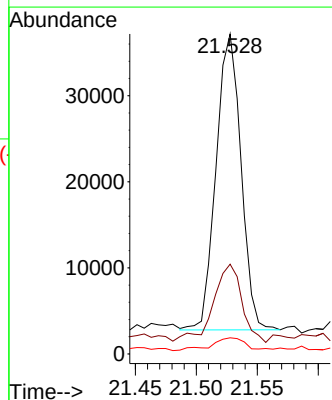
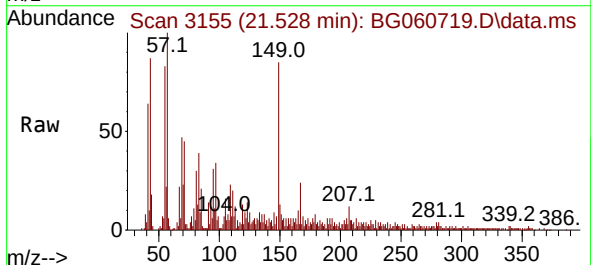
Instrument :
 BNA_G
 ClientSampleId :
 RB40858RTDL

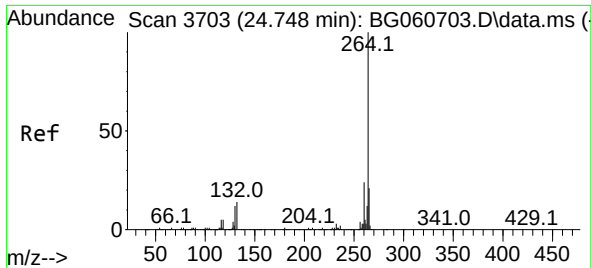
Tgt Ion:244 Resp: 855014
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.3 7.8 11.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.622 ng
 RT: 21.528 min Scan# 3155
 Delta R.T. -0.012 min
 Lab File: BG060719.D
 Acq: 1 Apr 2024 17:31

Tgt Ion:149 Resp: 48918
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.6 30.8
 279 5.1 3.0 4.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG060719.D
 Acq: 1 Apr 2024 17:31

Instrument :
 BNA_G
 ClientSampleId :
 RB40858RTDL

Tgt Ion:264 Resp: 542151
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.1 16.9 25.3

