

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060768.D
 Acq On : 3 Apr 2024 18:53
 Operator : MA/JU
 Sample : P1894-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB40858RT

Quant Time: Apr 04 01:26:43 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)

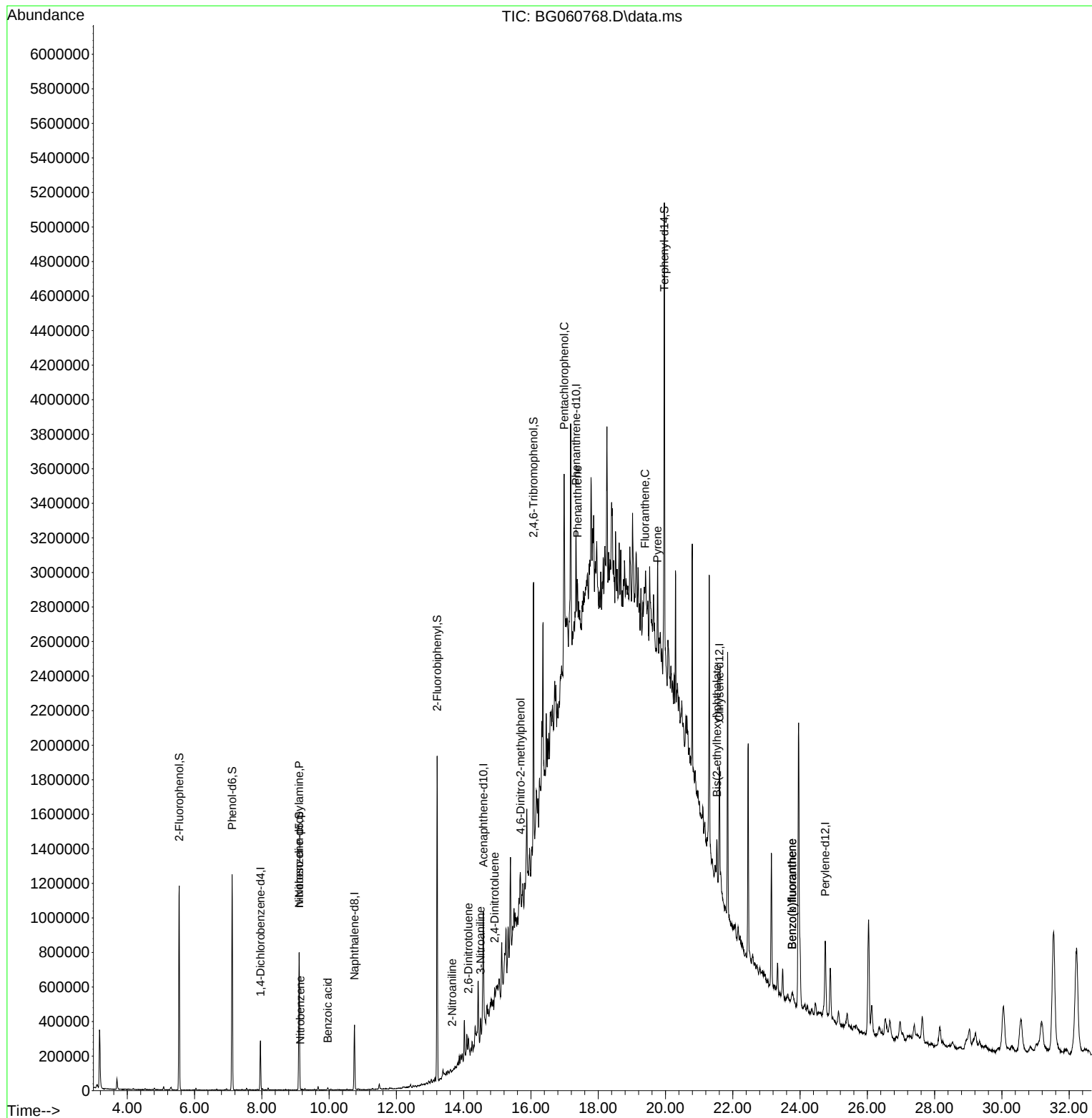
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	75737	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	298668	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	203986	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	423351	20.000	ng	# 0.00
76) Chrysene-d12	21.601	240	407577	20.000	ng	# 0.00
86) Perylene-d12	24.750	264	489465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	472658	103.964	ng	0.00
7) Phenol-d6	7.118	99	624442	92.530	ng	0.00
23) Nitrobenzene-d5	9.110	82	420108	80.263	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	280175	120.996	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	933337	67.151	ng	0.00
79) Terphenyl-d14	19.968	244	1409275	60.884	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.110	70	56992	11.074	ng	# 72
24) Nitrobenzene	9.145	77	54	2.781	ng	# 42
32) Benzoic acid	9.962	122	3777	7.841	ng	97
48) 2-Nitroaniline	13.657	65	1213	3.152	ng	# 65
51) 2,6-Dinitrotoluene	14.139	165	3559	4.637	ng	# 36
53) 3-Nitroaniline	14.504	138	3737	3.961	ng	# 11
57) 2,4-Dinitrotoluene	14.921	165	1311	3.584	ng	# 57
65) 4,6-Dinitro-2-methylph...	15.690	198	2054	8.037	ng	# 1
70) Pentachlorophenol	16.989	266	250364	79.111	ng	96
71) Phenanthrene	17.383	178	61772	2.806	ng	# 53
75) Fluoranthene	19.392	202	67369	2.522	ng	77
78) Pyrene	19.756	202	68480	2.402	ng	# 84
84) Bis(2-ethylhexyl)phtha...	21.531	149	87153	5.259	ng	# 94
88) Benzo(b)fluoranthene	23.763	252	59905	2.130	ng	# 71
89) Benzo(k)fluoranthene	23.763	252	59905	2.081	ng	# 70

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060768.D
Acq On : 3 Apr 2024 18:53
Operator : MA/JU
Sample : P1894-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB40858RT

Quant Time: Apr 04 01:26:43 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

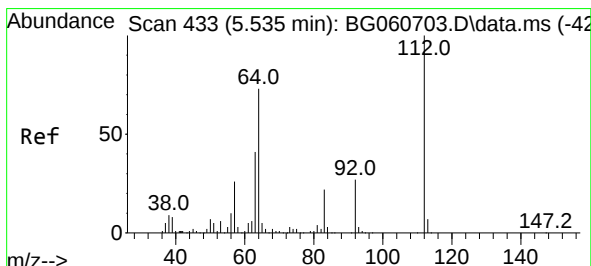
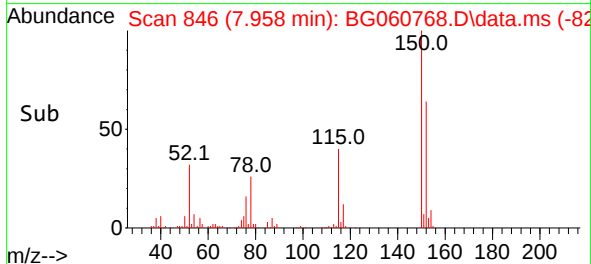
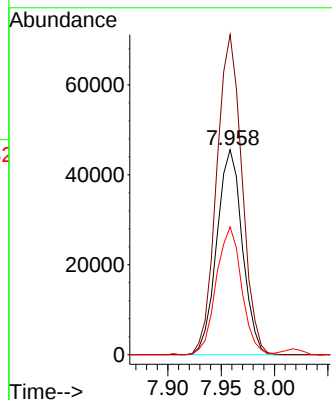
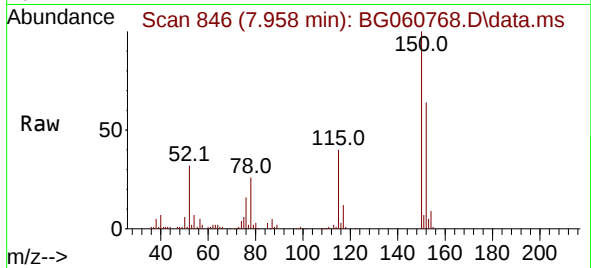




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

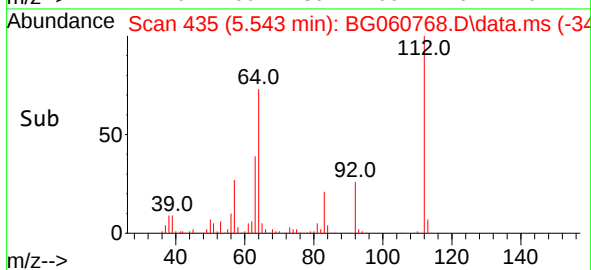
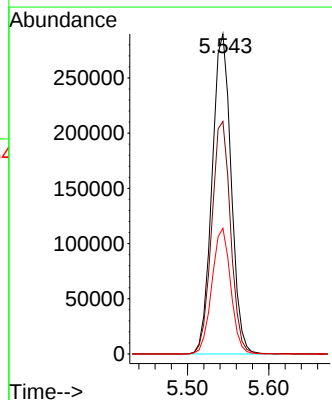
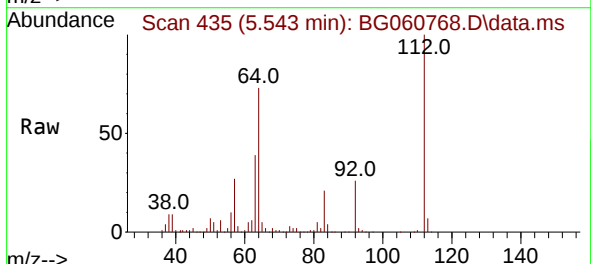
Instrument :
BNA_G
ClientSampleId :
RB40858RT

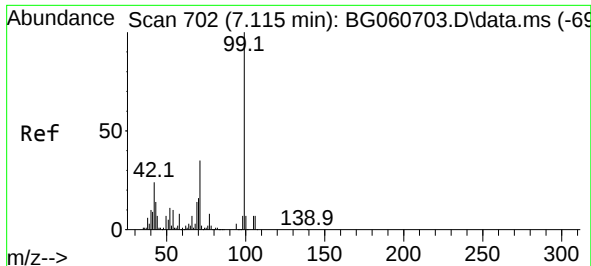
Tgt Ion:152 Resp: 75737
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.4
115 62.3 51.6 77.4



#5
2-Fluorophenol
Concen: 103.964 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion:112 Resp: 472658
Ion Ratio Lower Upper
112 100
64 72.6 58.4 87.6
63 39.2 32.7 49.1

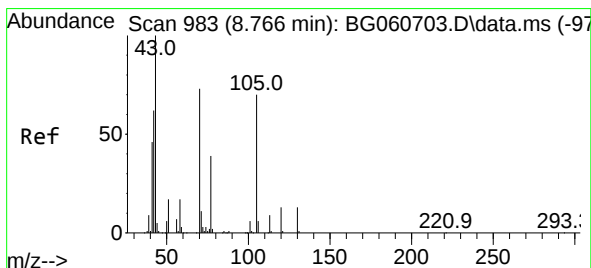
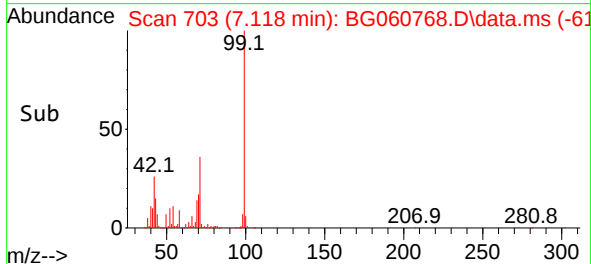
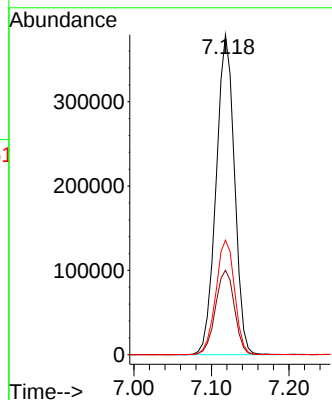
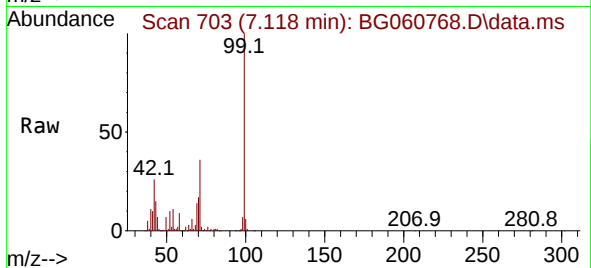




#7
Phenol-d6
Concen: 92.530 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

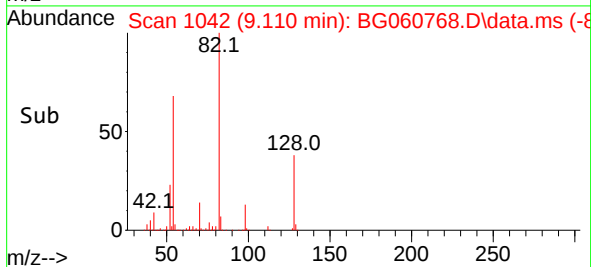
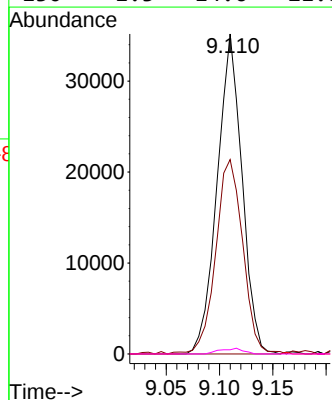
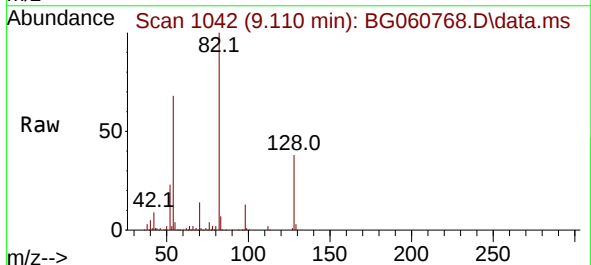
Instrument :
BNA_G
ClientSampleId :
RB40858RT

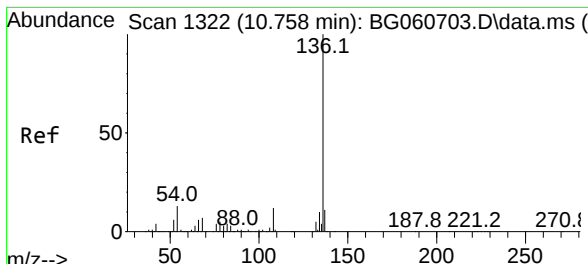
Tgt Ion: 99 Resp: 624442
Ion Ratio Lower Upper
99 100
42 26.4 19.4 29.2
71 35.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.074 ng
RT: 9.110 min Scan# 1042
Delta R.T. 0.344 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion: 70 Resp: 56992
Ion Ratio Lower Upper
70 100
42 60.7 68.4 102.6#
101 0.0 6.1 9.1#
130 1.3 14.6 21.8#



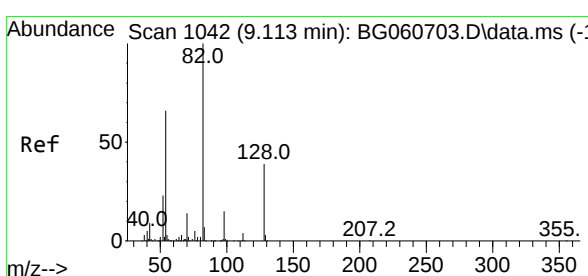
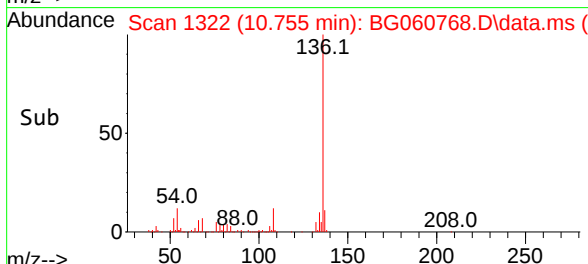
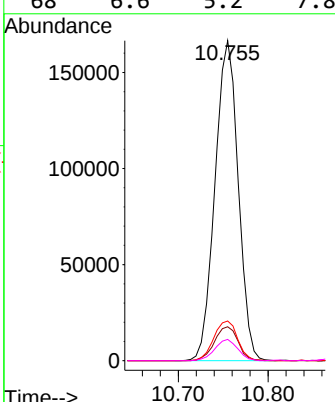
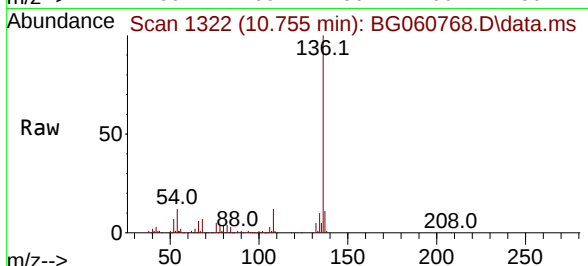


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Instrument :
BNA_G
ClientSampleId :
RB40858RT

Tgt Ion:136 Resp: 298668

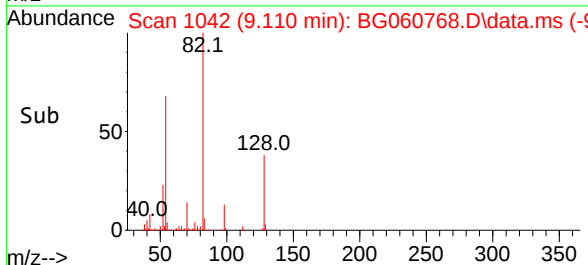
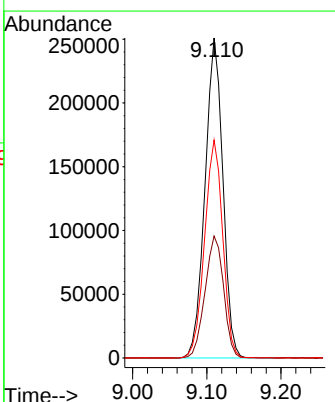
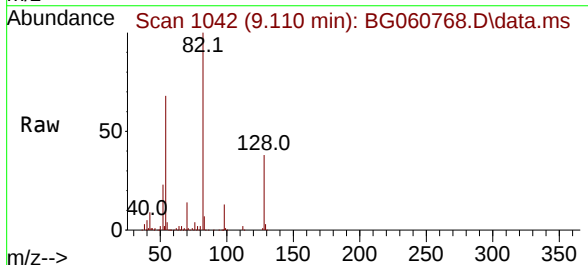
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	12.4	10.2	15.2
68	6.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 80.263 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion: 82 Resp: 420108

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.2	46.8
54	68.1	53.2	79.8

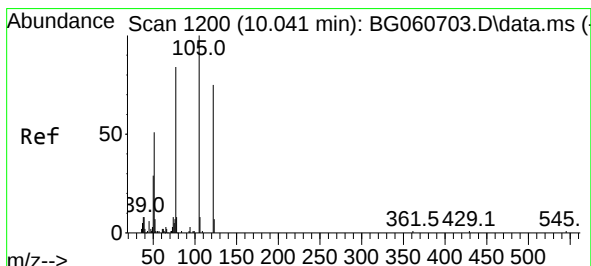
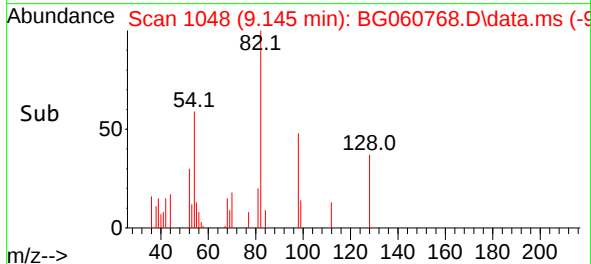
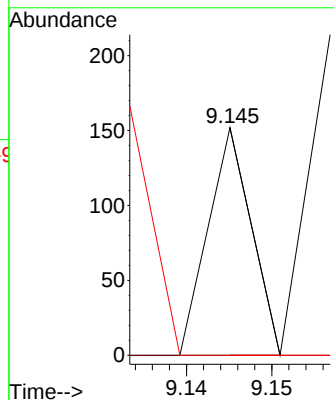
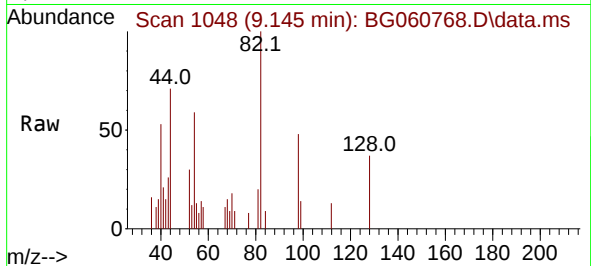




#24
Nitrobenzene
Concen: 2.781 ng
RT: 9.145 min Scan# 1187
Delta R.T. -0.009 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

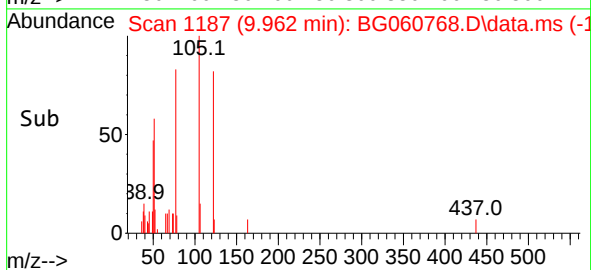
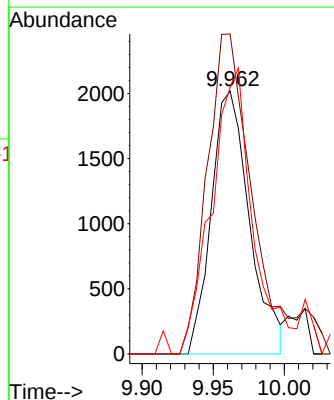
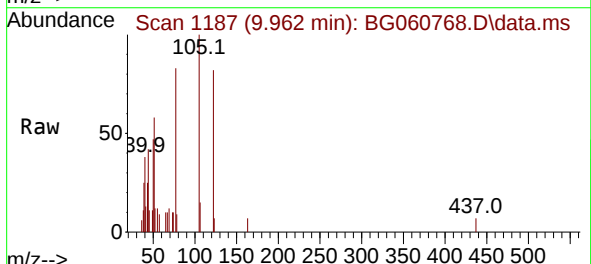
Instrument :
BNA_G
ClientSampleId :
RB40858RT

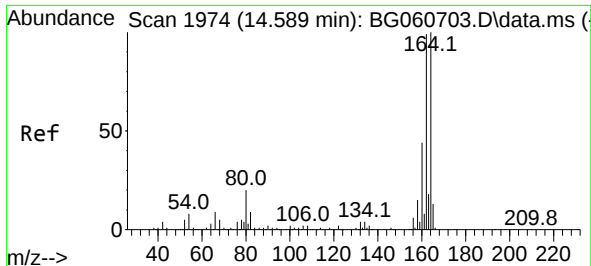
Tgt Ion: 77 Resp: 54
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 7.841 ng
RT: 9.962 min Scan# 1187
Delta R.T. -0.079 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion: 122 Resp: 3777
Ion Ratio Lower Upper
122 100
105 121.8 104.5 144.5
77 101.5 85.3 125.3

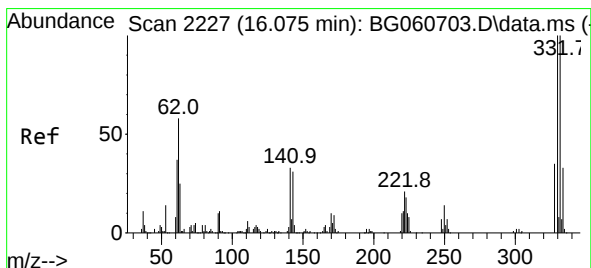
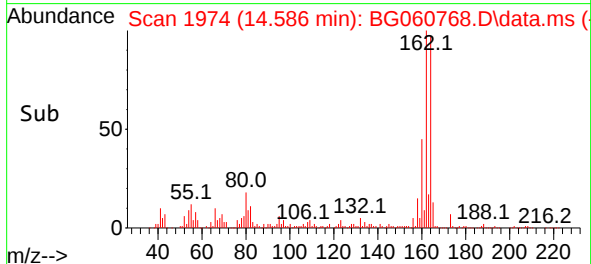
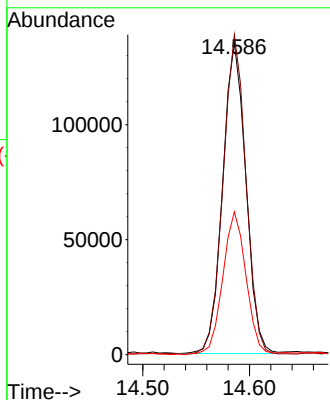
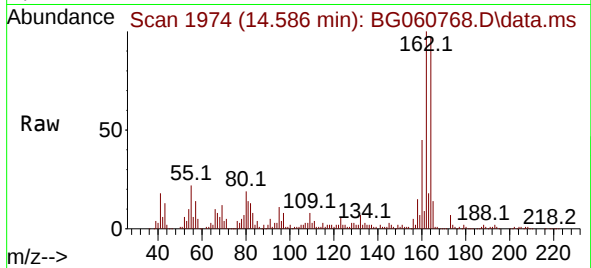




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

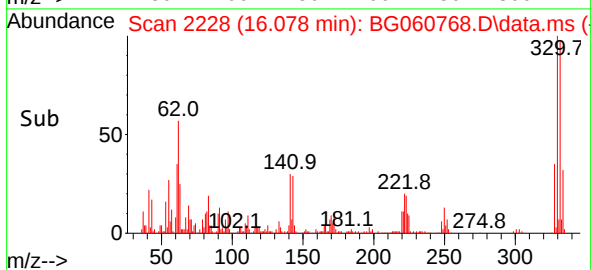
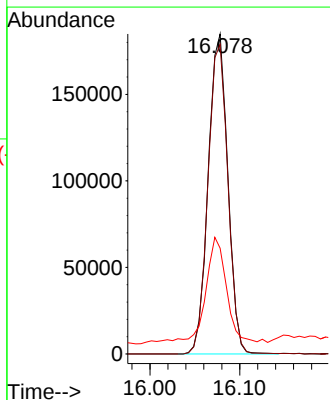
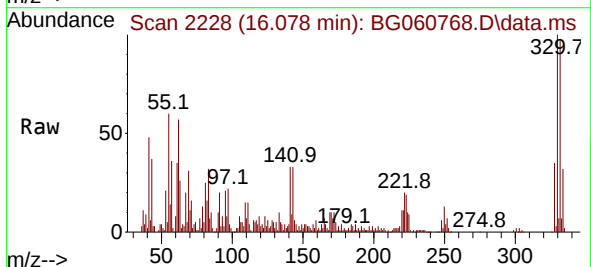
Instrument :
BNA_G
ClientSampleId :
RB40858RT

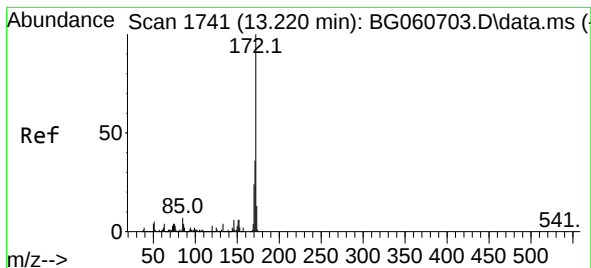
Tgt Ion:164 Resp: 203986
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 45.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 120.996 ng
RT: 16.078 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion:330 Resp: 280175
Ion Ratio Lower Upper
330 100
332 98.2 78.2 117.4
141 36.9 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 67.151 ng

RT: 13.211 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

RB40858RT

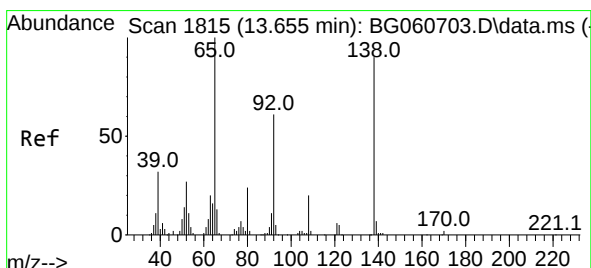
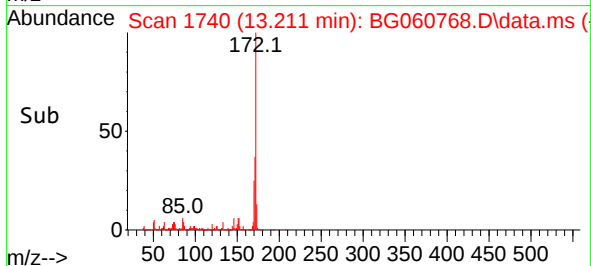
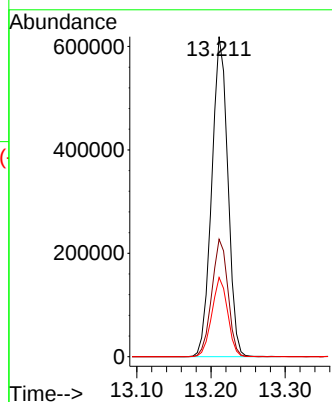
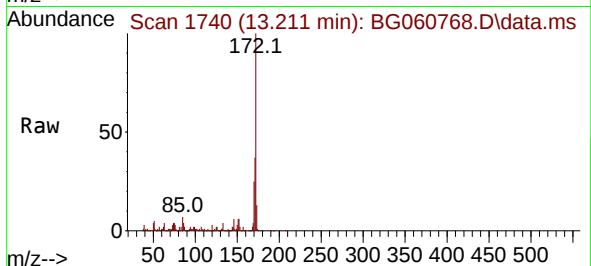
Tgt Ion:172 Resp: 933337

Ion Ratio Lower Upper

172 100

171 36.7 28.7 43.1

170 24.8 19.4 29.0



#48

2-Nitroaniline

Concen: 3.152 ng

RT: 13.657 min Scan# 1816

Delta R.T. 0.002 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

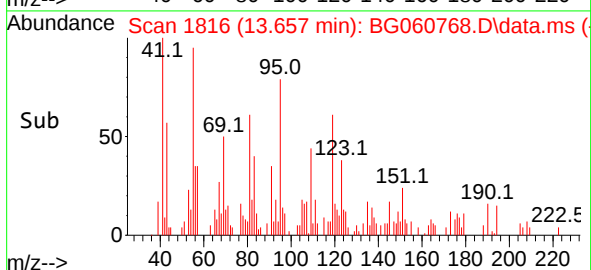
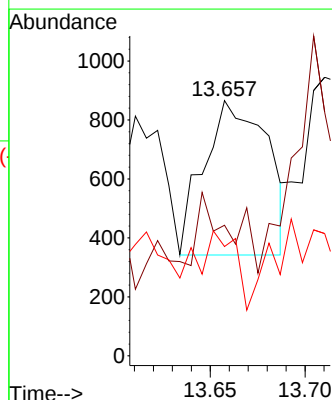
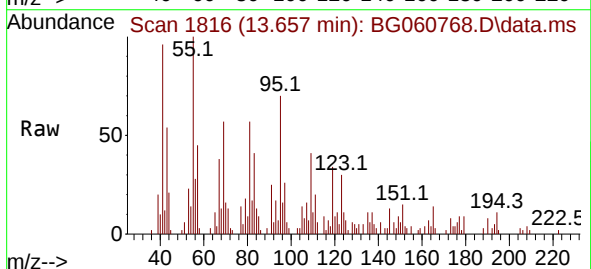
Tgt Ion: 65 Resp: 1213

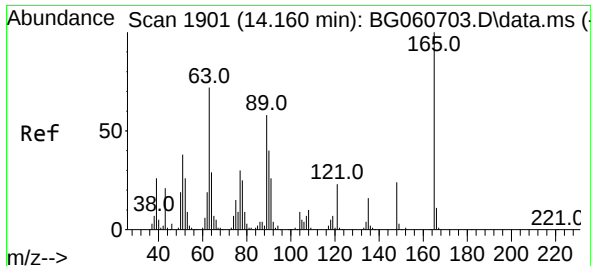
Ion Ratio Lower Upper

65 100

92 51.2 48.6 72.8

138 42.8 72.2 108.4#

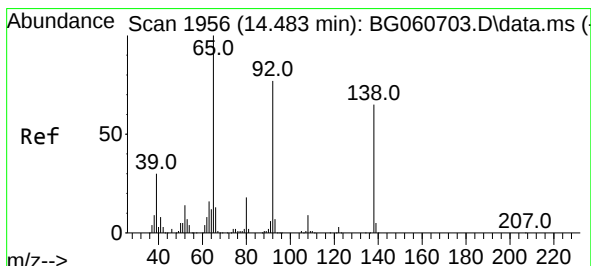
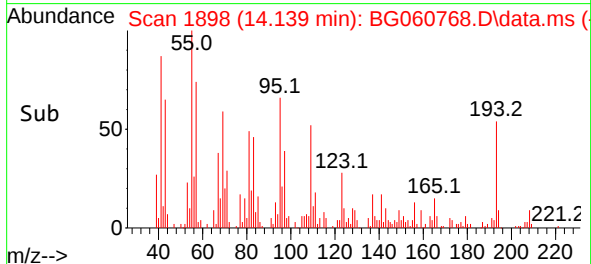
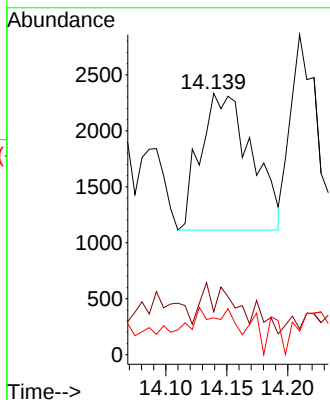
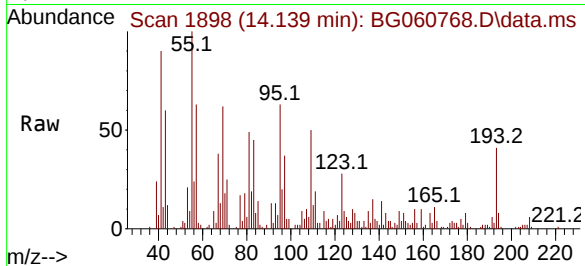




#51
2,6-Dinitrotoluene
Concen: 4.637 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

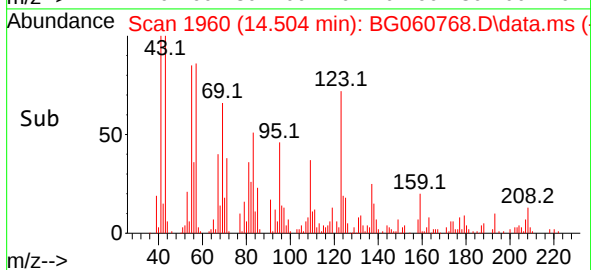
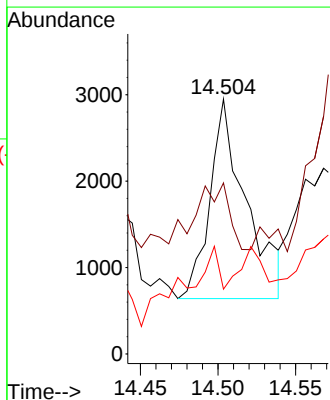
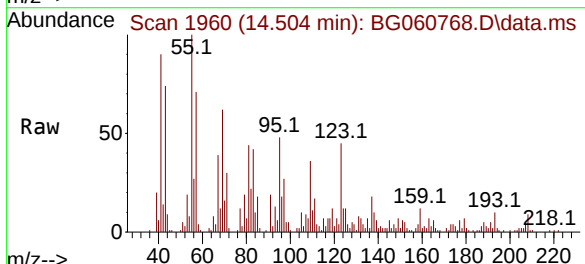
Instrument :
BNA_G
ClientSampleId :
RB40858RT

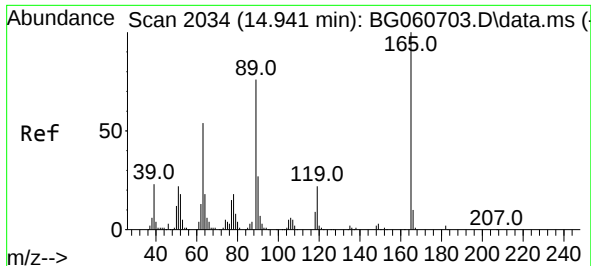
Tgt Ion:165 Resp: 3559
Ion Ratio Lower Upper
165 100
63 16.4 58.2 87.4#
89 14.1 46.1 69.1#



#53
3-Nitroaniline
Concen: 3.961 ng
RT: 14.504 min Scan# 1960
Delta R.T. 0.021 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion:138 Resp: 3737
Ion Ratio Lower Upper
138 100
108 67.1 11.3 16.9#
92 25.4 94.1 141.1#





#57

2,4-Dinitrotoluene

Concen: 3.584 ng

RT: 14.921 min Scan# 2034

Delta R.T. -0.020 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

RB40858RT

Tgt Ion:165 Resp: 1311

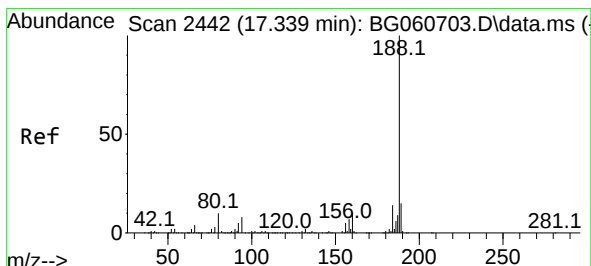
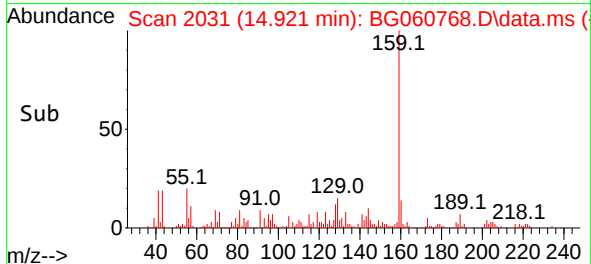
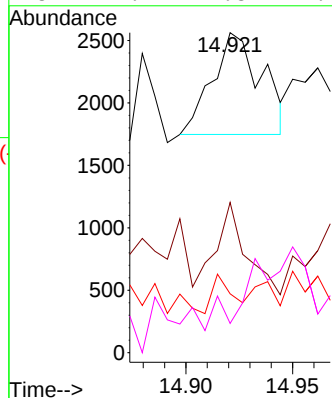
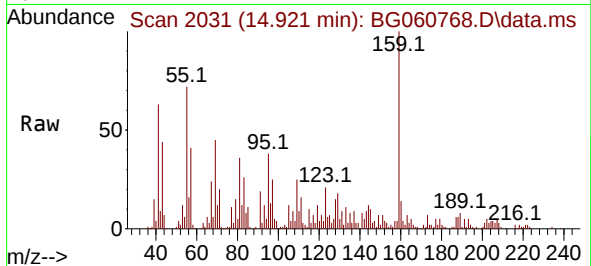
Ion Ratio Lower Upper

165 100

63 46.9 43.4 65.0

89 18.4 61.0 91.6#

182 9.2 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.341 min Scan# 2443

Delta R.T. 0.003 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

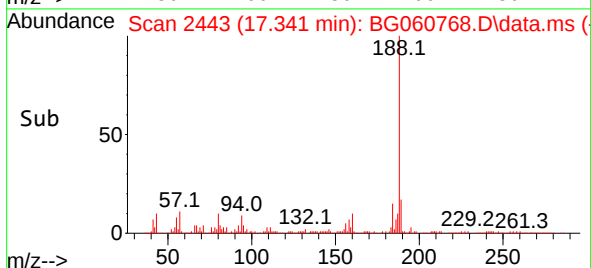
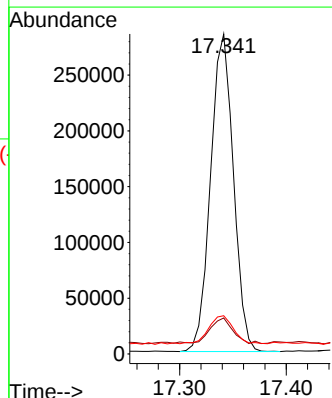
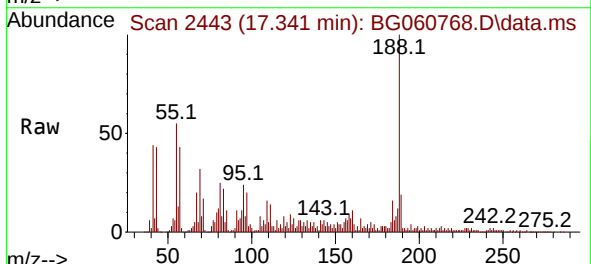
Tgt Ion:188 Resp: 423351

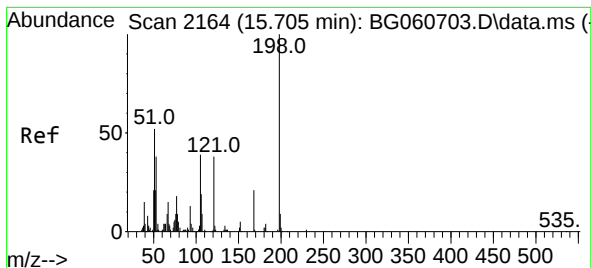
Ion Ratio Lower Upper

188 100

94 11.3 6.6 9.8#

80 12.0 7.6 11.4#

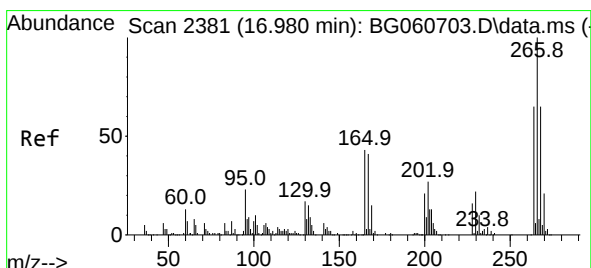
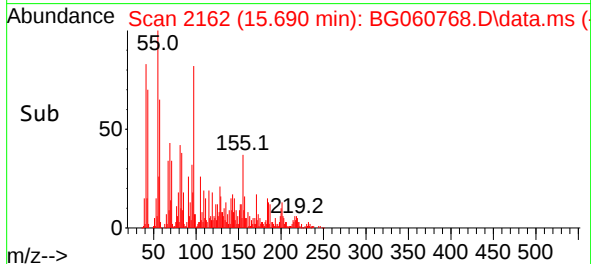
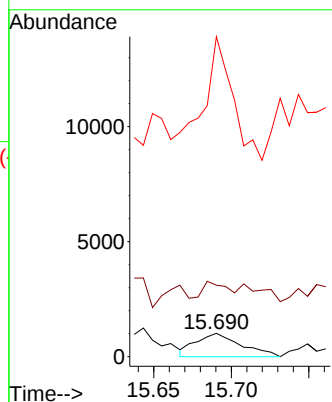
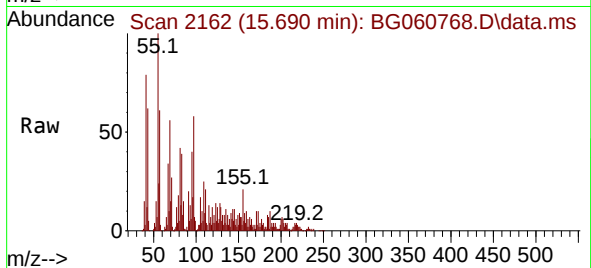




#65
4,6-Dinitro-2-methylphenol
Concen: 8.037 ng
RT: 15.690 min Scan# 2164
Delta R.T. -0.015 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

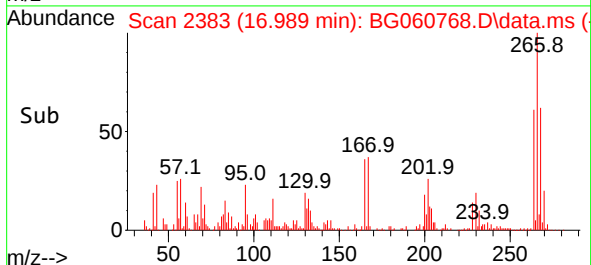
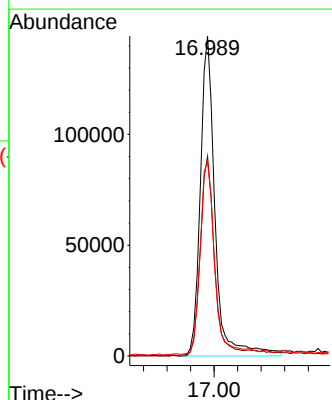
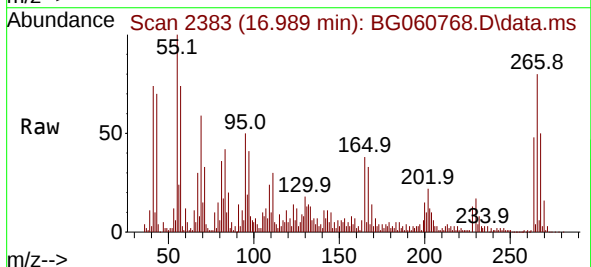
Instrument :
BNA_G
ClientSampleId :
RB40858RT

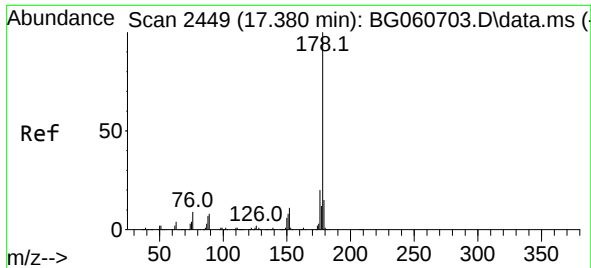
Tgt Ion:198 Resp: 2054
Ion Ratio Lower Upper
198 100
51 306.3 36.7 76.7#
105 1370.4 19.1 59.1#



#70
Pentachlorophenol
Concen: 79.111 ng
RT: 16.989 min Scan# 2383
Delta R.T. 0.009 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion:266 Resp: 250364
Ion Ratio Lower Upper
266 100
268 62.5 52.2 78.4
264 60.5 51.8 77.6

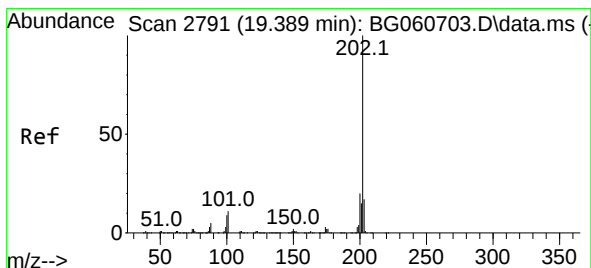
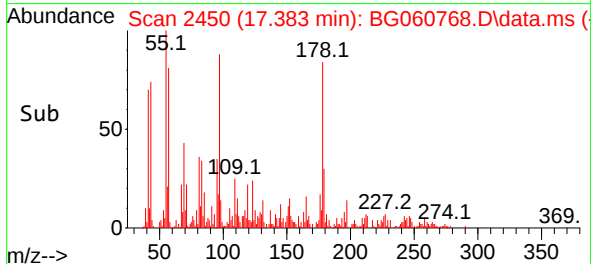
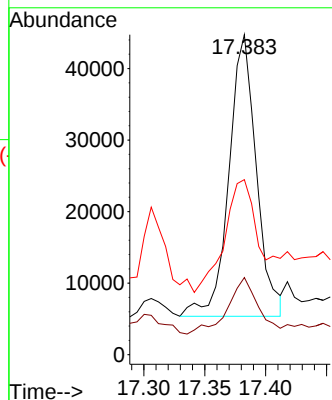
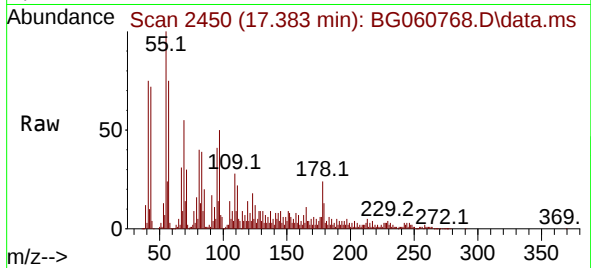




#71
Phenanthrene
Concen: 2.806 ng
RT: 17.383 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

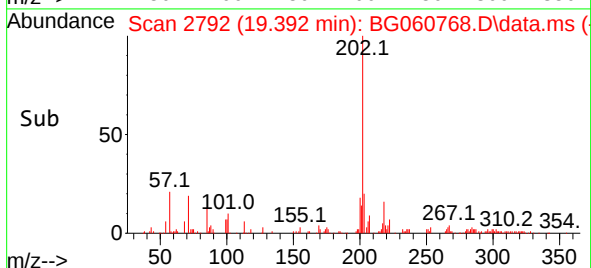
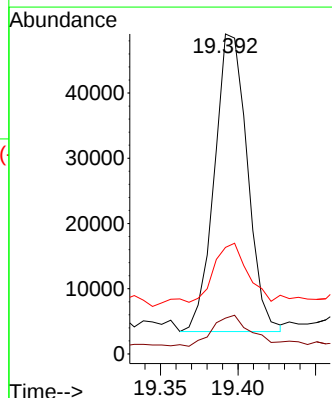
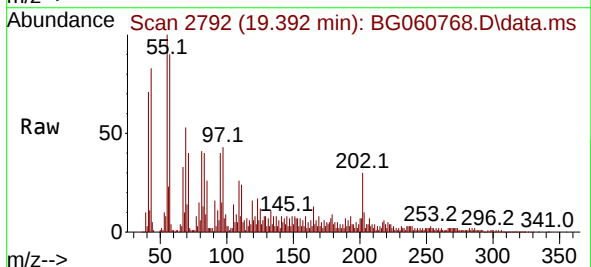
Instrument :
BNA_G
ClientSampleId :
RB40858RT

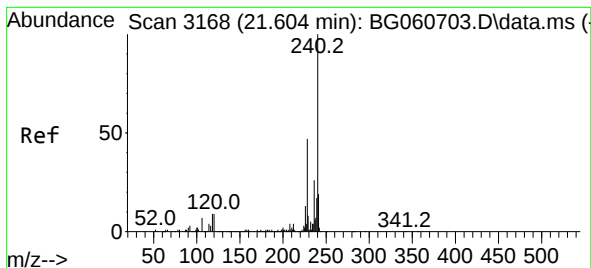
Tgt Ion:178 Resp: 61772
Ion Ratio Lower Upper
178 100
176 24.1 15.8 23.6#
179 54.7 12.2 18.4#



#75
Fluoranthene
Concen: 2.522 ng
RT: 19.392 min Scan# 2792
Delta R.T. 0.003 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Tgt Ion:202 Resp: 67369
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.8
203 33.3 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.601 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

RB40858RT

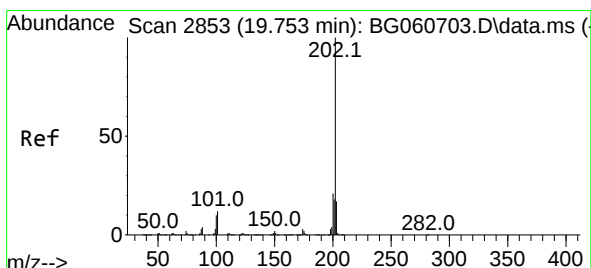
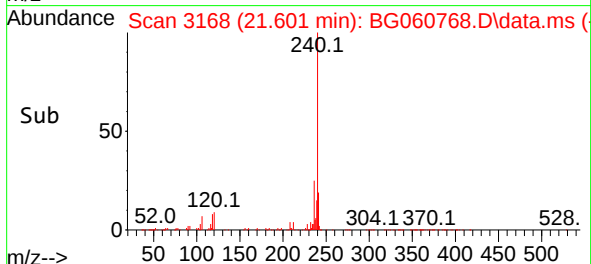
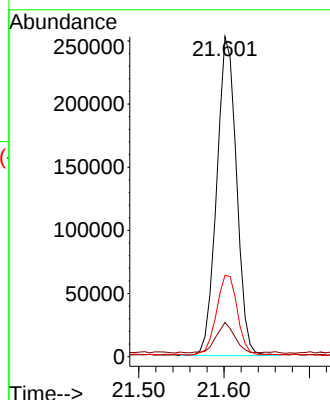
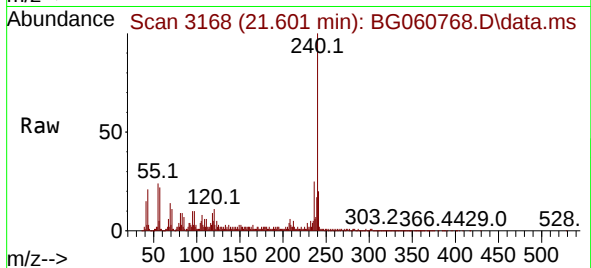
Tgt Ion:240 Resp: 407577

Ion Ratio Lower Upper

240 100

120 10.7 7.1 10.7#

236 25.5 20.7 31.1



#78

Pyrene

Concen: 2.402 ng

RT: 19.756 min Scan# 2854

Delta R.T. 0.003 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

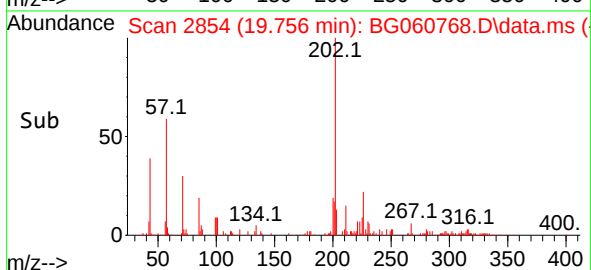
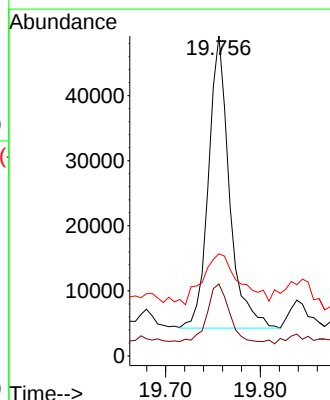
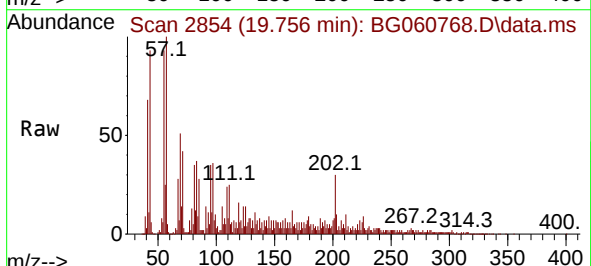
Tgt Ion:202 Resp: 68480

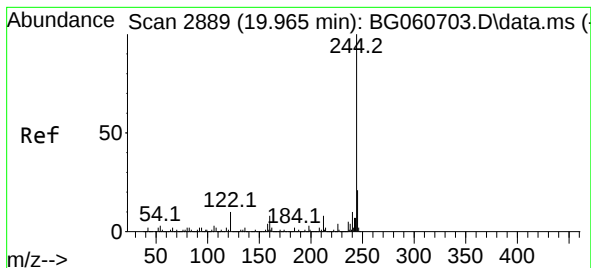
Ion Ratio Lower Upper

202 100

200 22.5 17.0 25.4

203 32.0 14.0 21.0#





#79

Terphenyl-d14

Concen: 60.884 ng

RT: 19.968 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

RB40858RT

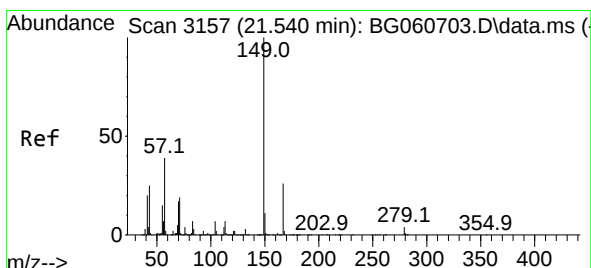
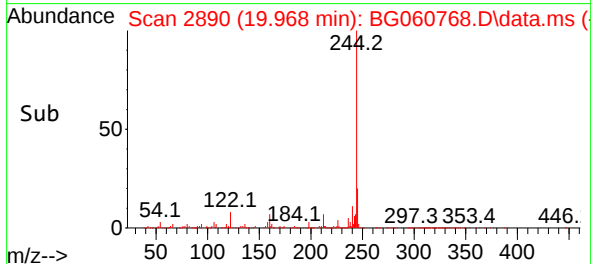
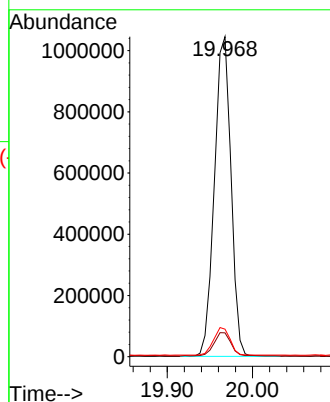
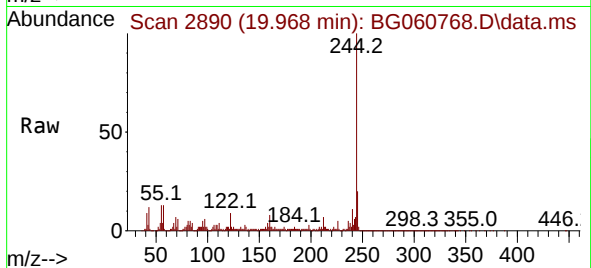
Tgt Ion:244 Resp: 1409275

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 8.6 7.8 11.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.259 ng

RT: 21.531 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

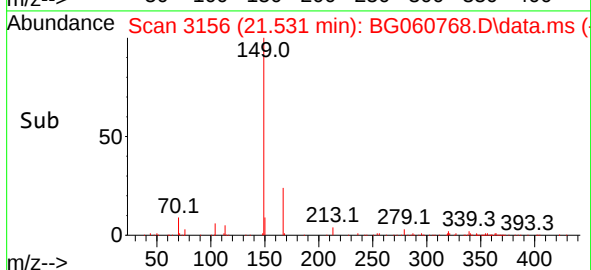
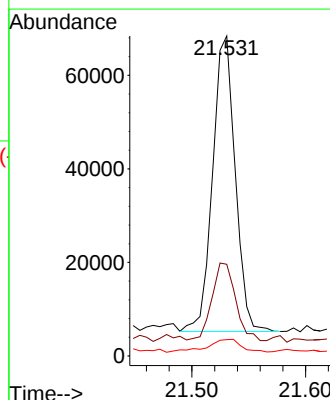
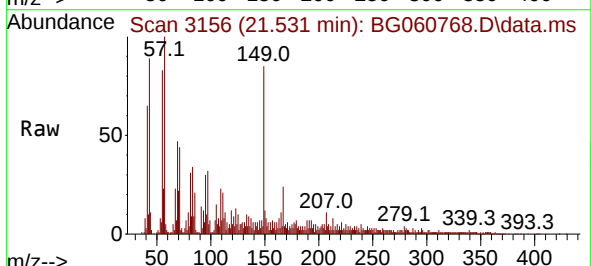
Tgt Ion:149 Resp: 87153

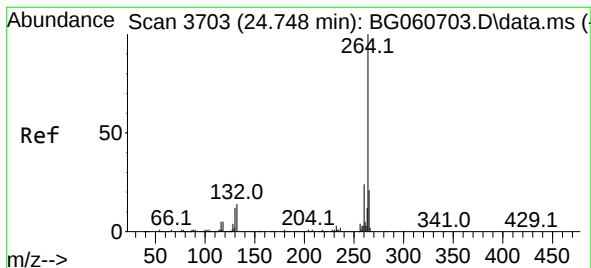
Ion Ratio Lower Upper

149 100

167 28.7 20.6 30.8

279 5.1 3.0 4.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.750 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

Instrument :

BNA_G

ClientSampleId :

RB40858RT

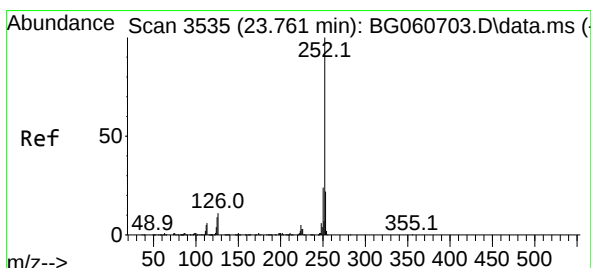
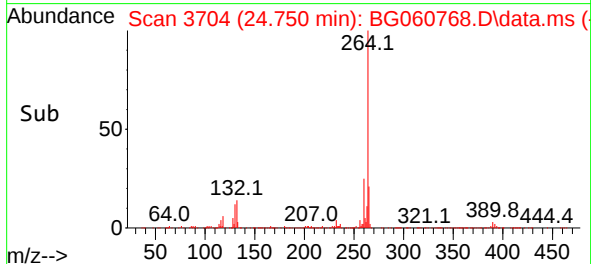
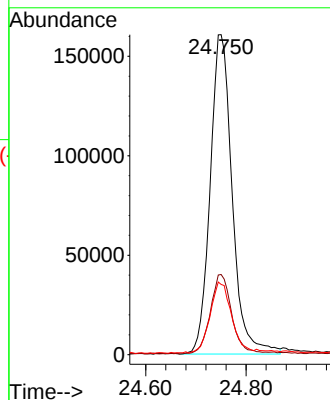
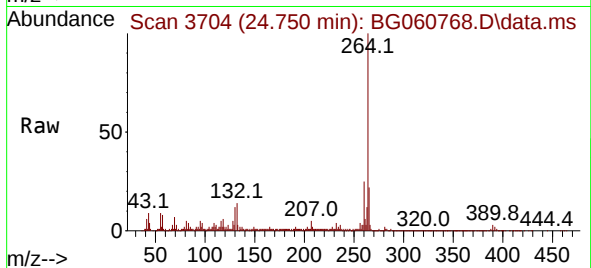
Tgt Ion:264 Resp: 489465

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 21.9 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 2.130 ng

RT: 23.763 min Scan# 3536

Delta R.T. 0.003 min

Lab File: BG060768.D

Acq: 3 Apr 2024 18:53

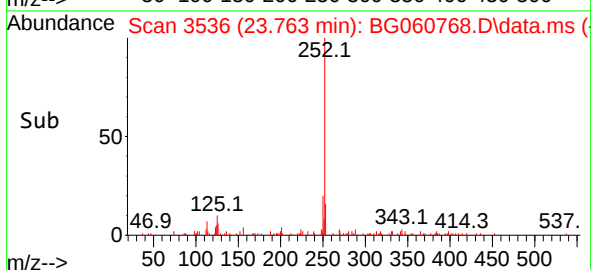
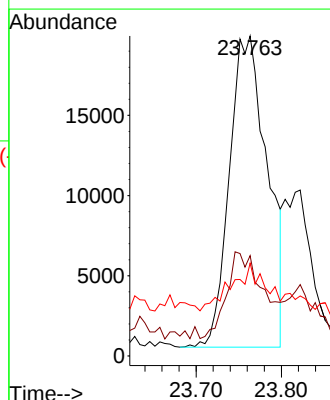
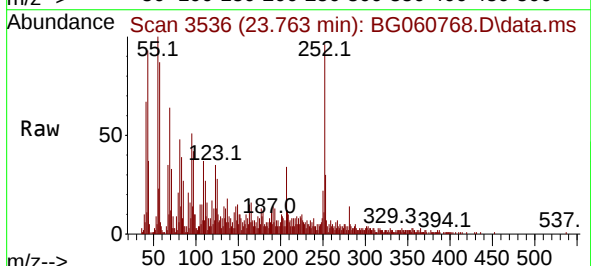
Tgt Ion:252 Resp: 59905

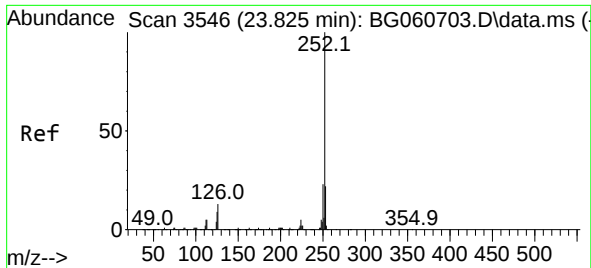
Ion Ratio Lower Upper

252 100

253 31.4 17.8 26.8#

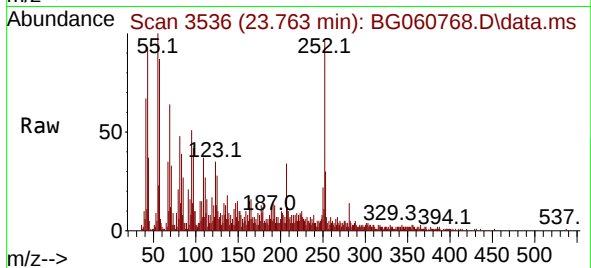
125 29.0 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 2.081 ng
RT: 23.763 min Scan# 31
Delta R.T. -0.062 min
Lab File: BG060768.D
Acq: 3 Apr 2024 18:53

Instrument :
BNA_G
ClientSampleId :
RB40858RT



Tgt Ion:252 Resp: 59905
Ion Ratio Lower Upper
252 100
253 31.4 17.6 26.4#
125 29.0 7.5 11.3#

