

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060786.D
 Acq On : 4 Apr 2024 20:18
 Operator : MA/JU
 Sample : P1954-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR21145

Quant Time: Apr 05 01:17:15 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)

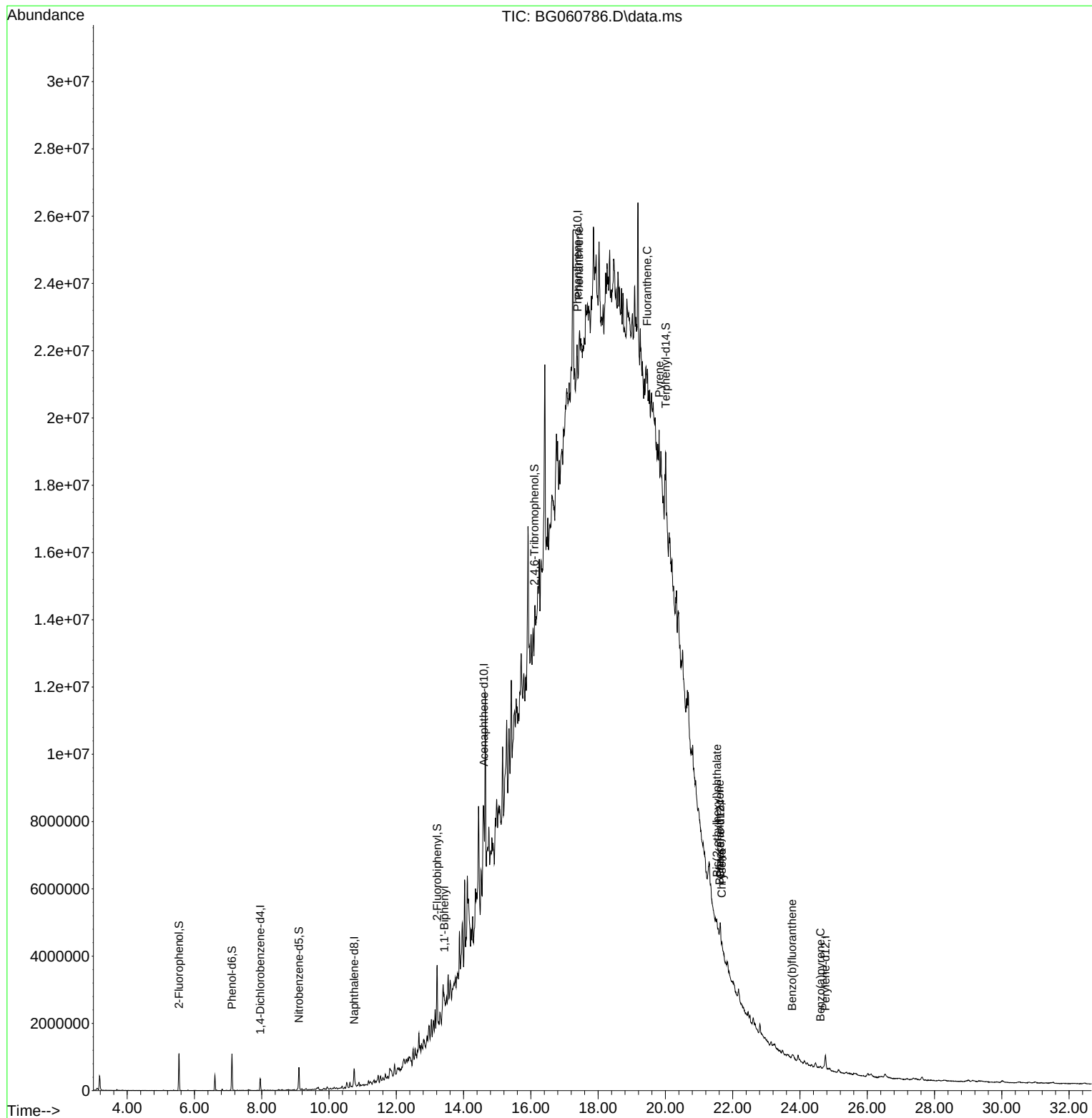
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	93217	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	346714	20.000	ng	0.00
39) Acenaphthene-d10	14.600	164	198062	20.000	ng	0.01
64) Phenanthrene-d10	17.385	188	318915	20.000	ng	# 0.05
76) Chrysene-d12	21.633	240	331429	20.000	ng	# 0.03
86) Perylene-d12	24.759	264	454055	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	442864	79.145	ng	0.00
7) Phenol-d6	7.115	99	554916	66.809	ng	0.00
23) Nitrobenzene-d5	9.107	82	377987	62.208	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	191786	85.302	ng	0.03
45) 2-Fluorobiphenyl	13.214	172	797114	59.066	ng	0.00
79) Terphenyl-d14	20.011	244	957517	50.872	ng	0.05
Target Compounds						
						Qvalue
46) 1,1'-Biphenyl	13.425	154	30930	2.211	ng	77
71) Phenanthrene	17.432	178	230586	13.902	ng	# 11
75) Fluoranthene	19.459	202	285373	14.179	ng	# 69
78) Pyrene	19.818	202	215590	9.301	ng	# 71
81) Benzo(a)anthracene	21.615	228	63671	2.725	ng	# 79
83) Chrysene	21.674	228	90625	4.025	ng	# 82
84) Bis(2-ethylhexyl)phtha...	21.533	149	59038	4.381	ng	# 82
88) Benzo(b)fluoranthene	23.766	252	107330	4.115	ng	# 77
90) Benzo(a)pyrene	24.612	252	59654	2.353	ng	# 78

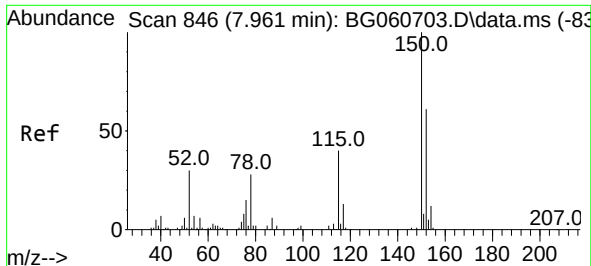
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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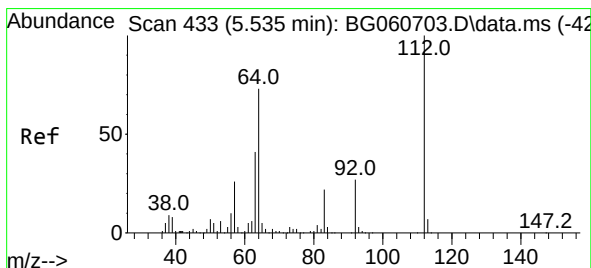
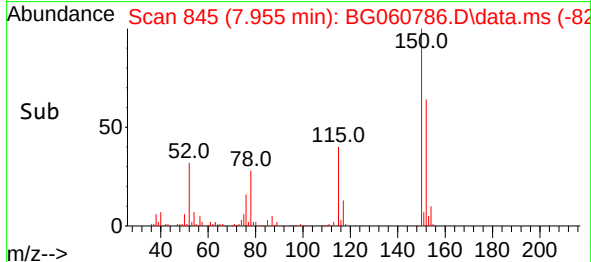
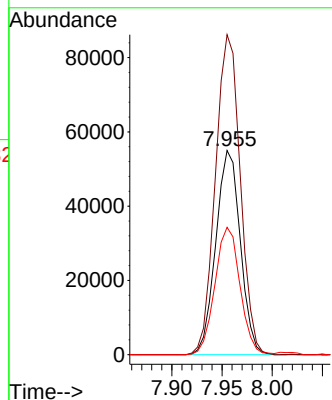
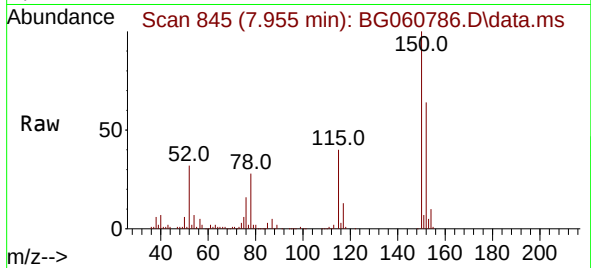




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

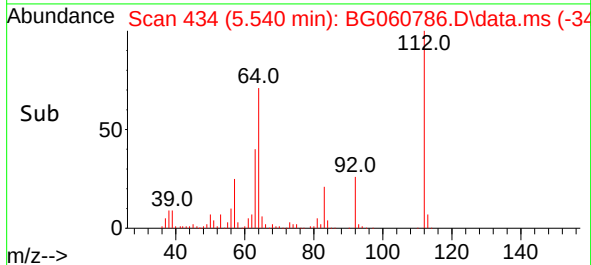
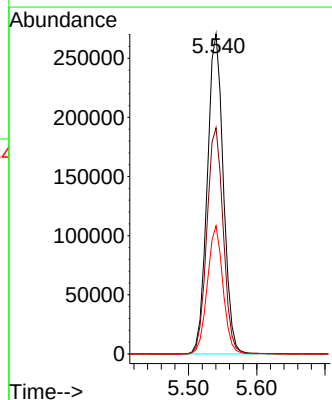
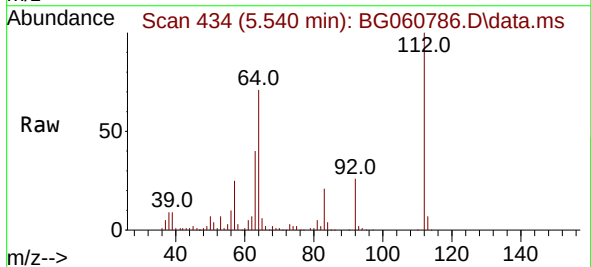
Instrument :
BNA_G
ClientSampleId :
RBR21145

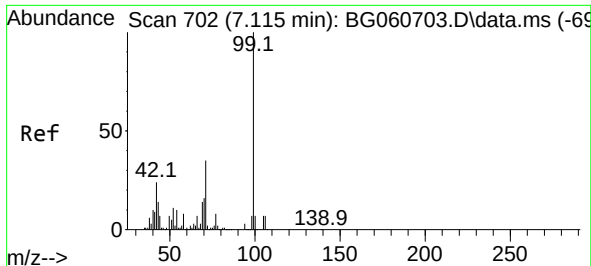
Tgt Ion:152 Resp: 93217
Ion Ratio Lower Upper
152 100
150 156.8 130.2 195.4
115 62.4 51.6 77.4



#5
2-Fluorophenol
Concen: 79.145 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

Tgt Ion:112 Resp: 442864
Ion Ratio Lower Upper
112 100
64 70.7 58.4 87.6
63 40.0 32.7 49.1

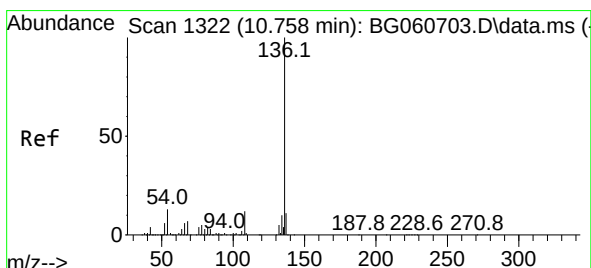
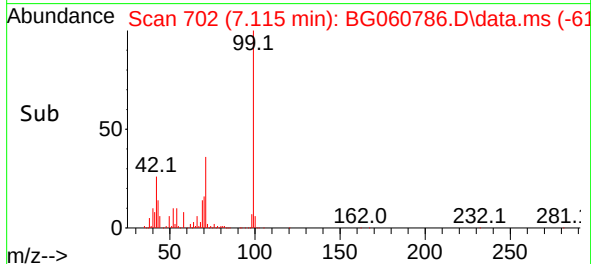
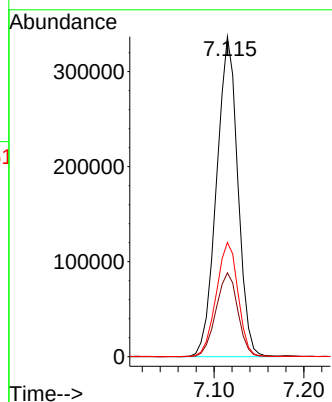
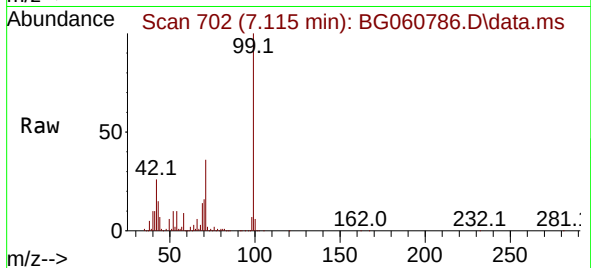




#7
Phenol-d6
Concen: 66.809 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

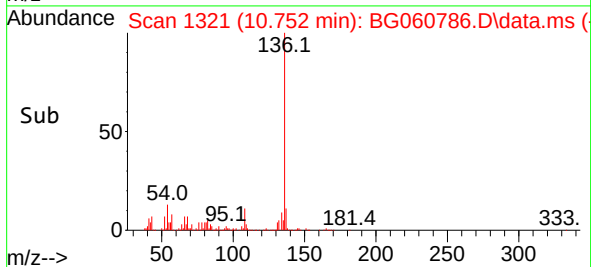
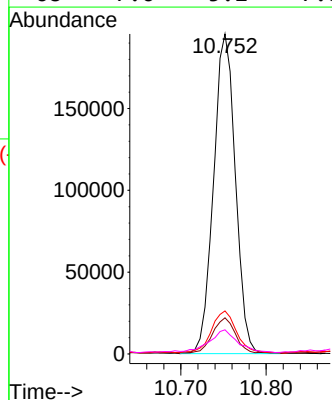
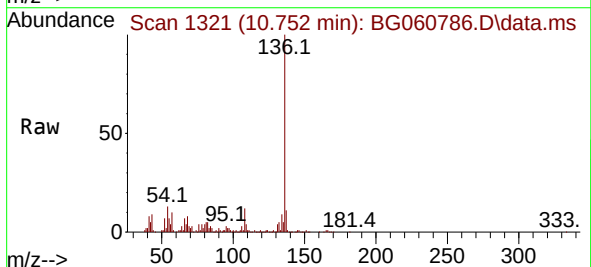
Instrument :
BNA_G
ClientSampleId :
RBR21145

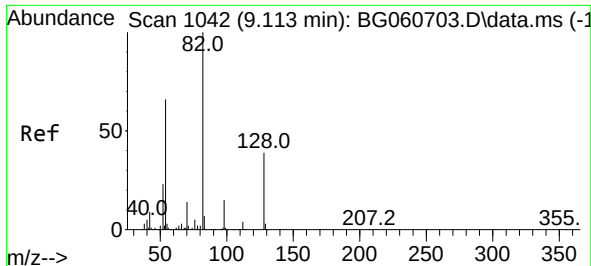
Tgt Ion: 99 Resp: 554916
Ion Ratio Lower Upper
99 100
42 26.2 19.4 29.2
71 35.7 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

Tgt Ion: 136 Resp: 346714
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 13.4 10.2 15.2
68 7.6 5.2 7.8

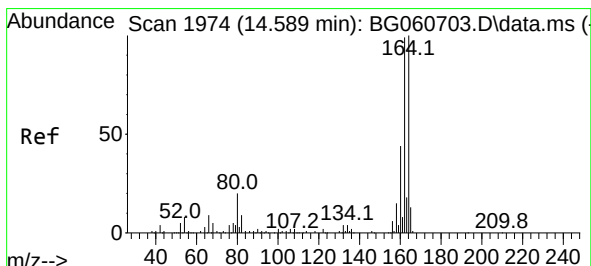
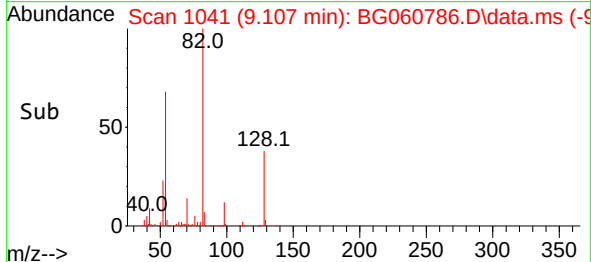
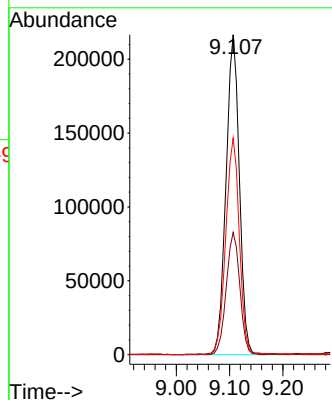
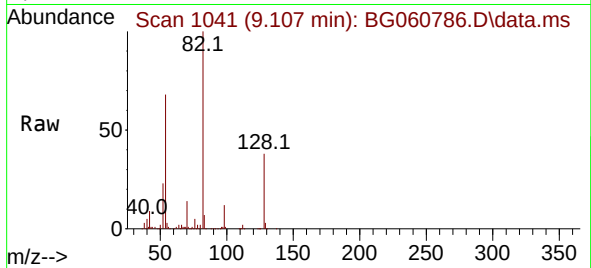




#23
Nitrobenzene-d5
Concen: 62.208 ng
RT: 9.107 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

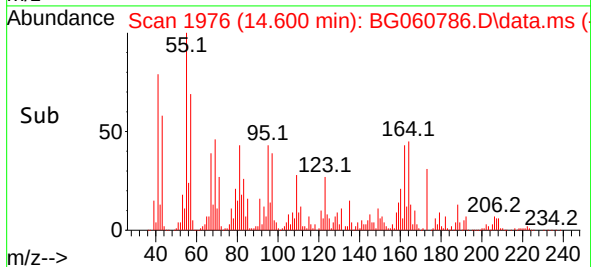
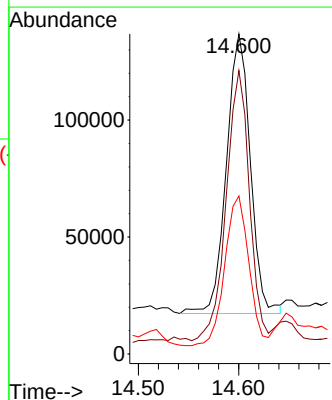
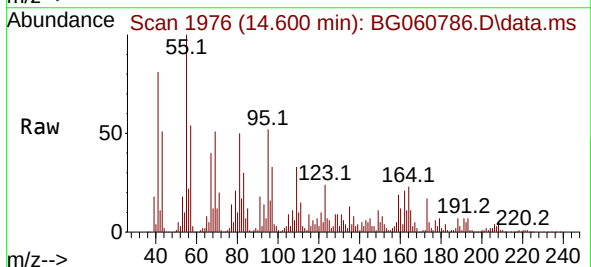
Instrument :
BNA_G
ClientSampleId :
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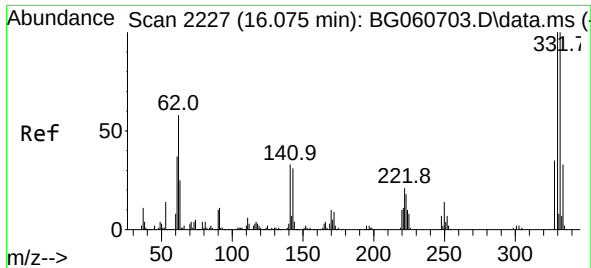
Tgt Ion: 82 Resp: 377987
Ion Ratio Lower Upper
82 100
128 38.2 31.2 46.8
54 67.7 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.600 min Scan# 1976
Delta R.T. 0.011 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

Tgt Ion:164 Resp: 198062
Ion Ratio Lower Upper
164 100
162 88.6 79.5 119.3
160 49.4 35.4 53.0

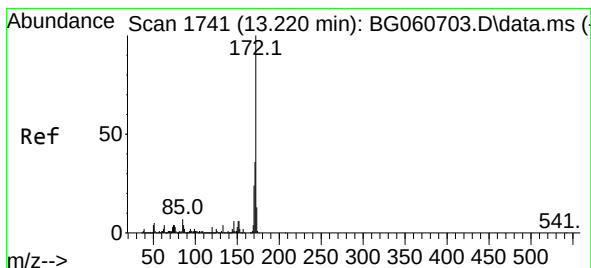
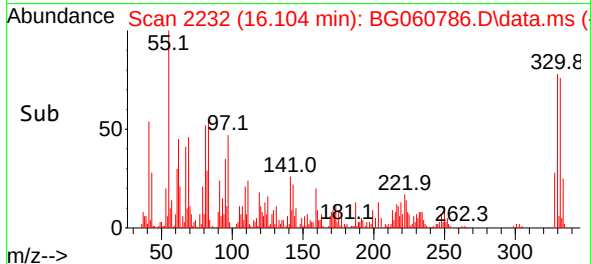
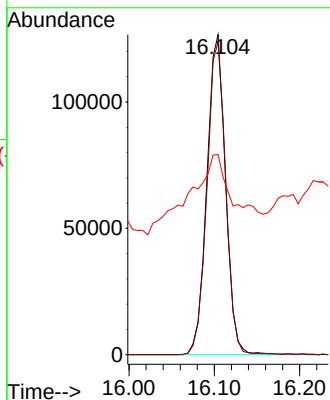
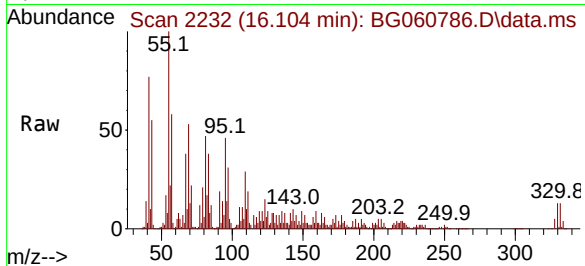




#42
2,4,6-Tribromophenol
Concen: 85.302 ng
RT: 16.104 min Scan# 21
Delta R.T. 0.029 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

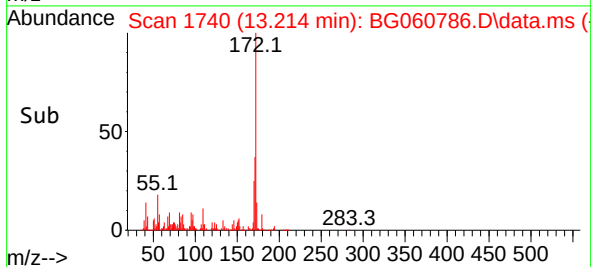
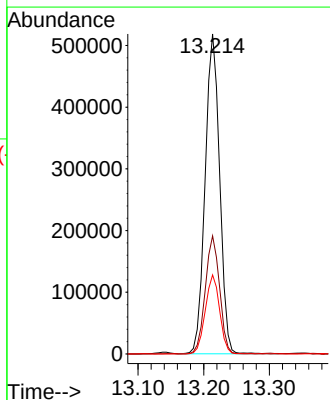
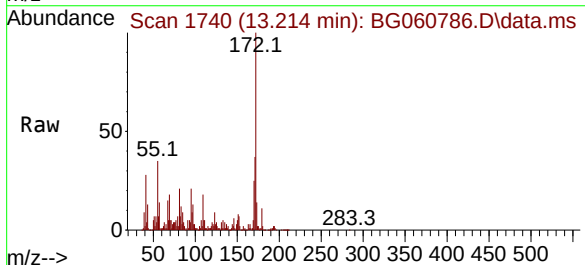
Instrument :
BNA_G
ClientSampleId :
RBR21145

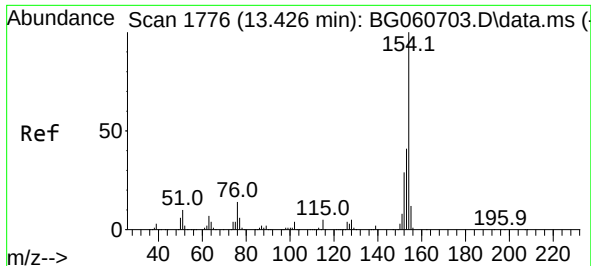
Tgt Ion:330 Resp: 191786
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.4
141 61.9 27.0 40.6#



#45
2-Fluorobiphenyl
Concen: 59.066 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

Tgt Ion:172 Resp: 797114
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.7 19.4 29.0

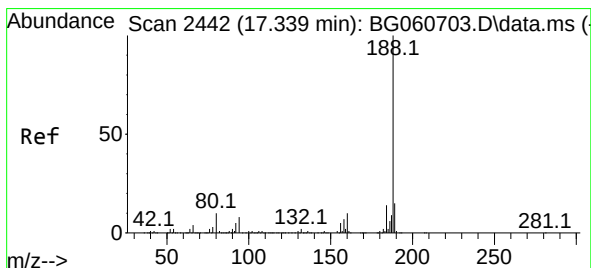
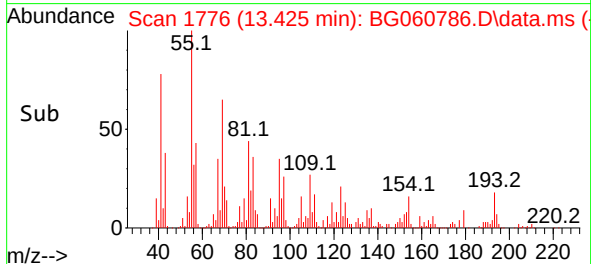
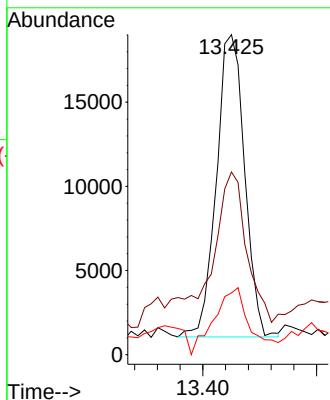
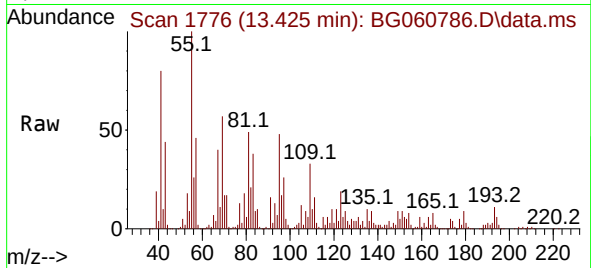




#46
1,1'-Biphenyl
Concen: 2.211 ng
RT: 13.425 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

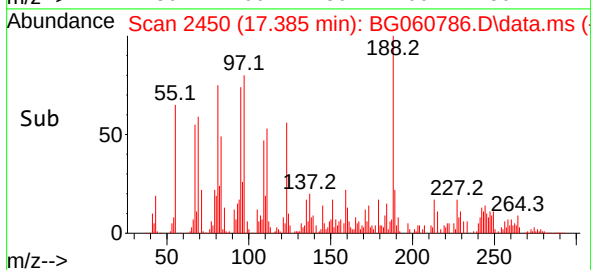
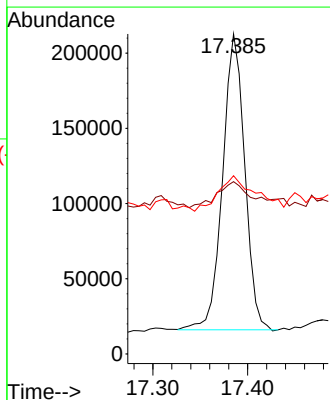
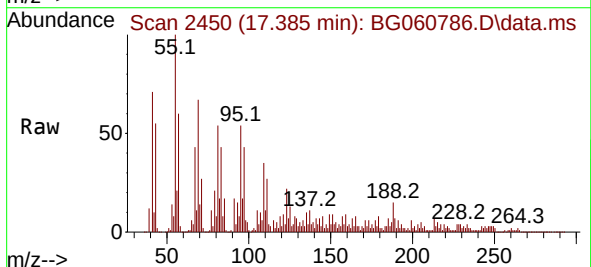
Instrument :
BNA_G
ClientSampleId :
RBR21145

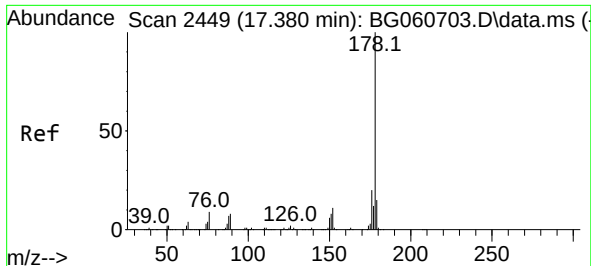
Tgt Ion:154 Resp: 30930
Ion Ratio Lower Upper
154 100
153 57.1 20.8 60.8
76 19.3 0.0 33.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.385 min Scan# 2450
Delta R.T. 0.046 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

Tgt Ion:188 Resp: 318915
Ion Ratio Lower Upper
188 100
94 53.9 6.6 9.8#
80 55.7 7.6 11.4#

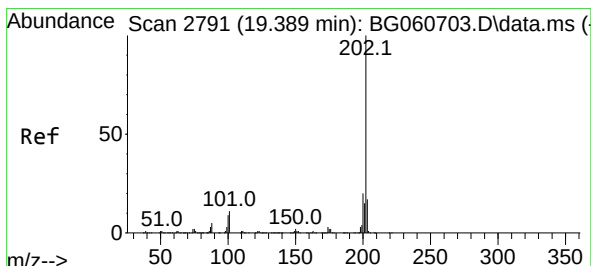
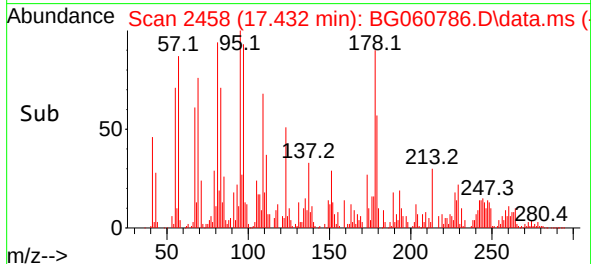
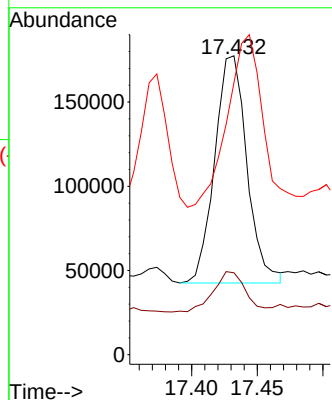
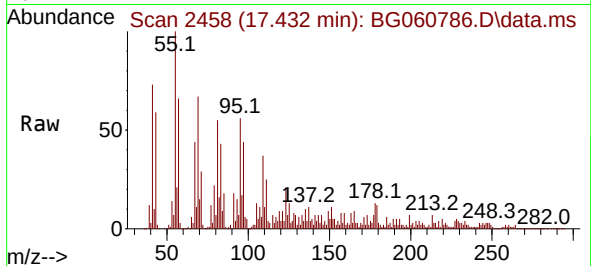




#71
Phenanthrene
Concen: 13.902 ng
RT: 17.432 min Scan# 2449
Delta R.T. 0.052 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

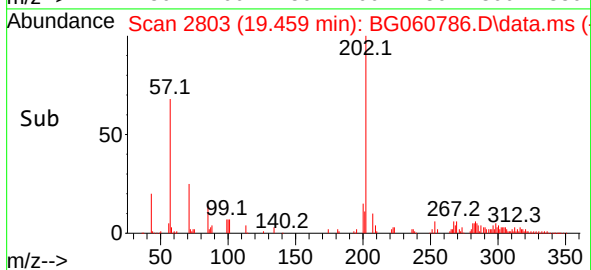
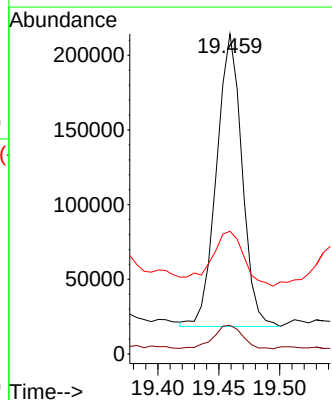
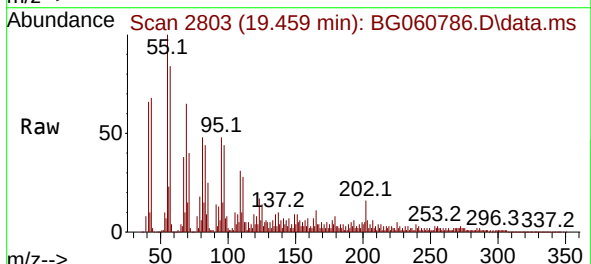
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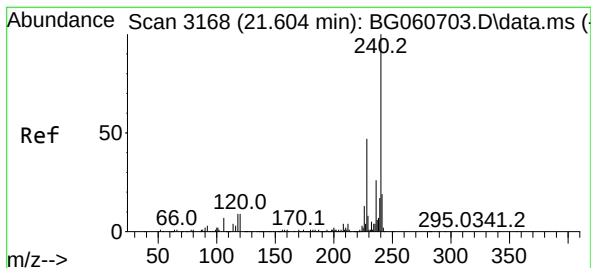
Tgt Ion:178 Resp: 230586
Ion Ratio Lower Upper
178 100
176 27.4 15.8 23.6#
179 91.0 12.2 18.4#



#75
Fluoranthene
Concen: 14.179 ng
RT: 19.459 min Scan# 2803
Delta R.T. 0.070 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

Tgt Ion:202 Resp: 285373
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.8
203 38.4 0.0 37.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3168

Delta R.T. 0.029 min

Lab File: BG060786.D

Acq: 4 Apr 2024 20:18

Instrument :

BNA_G

ClientSampleId :

RBR21145

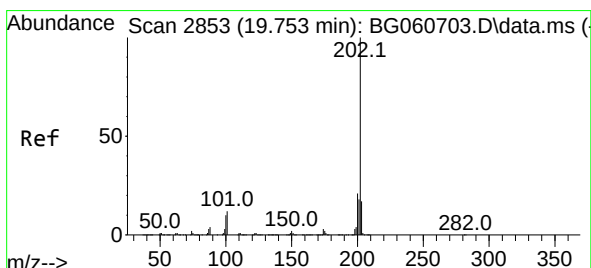
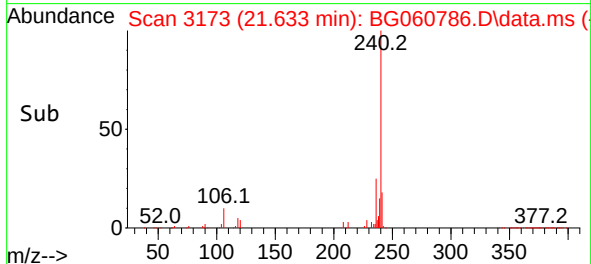
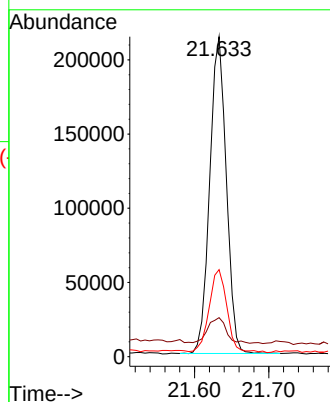
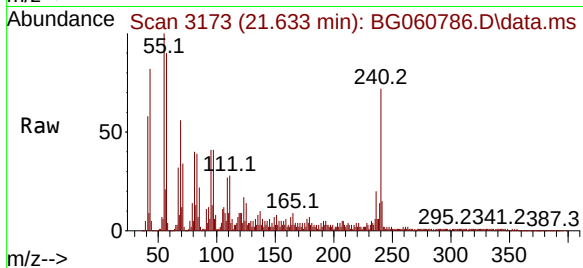
Tgt Ion:240 Resp: 331429

Ion Ratio Lower Upper

240 100

120 12.2 7.1 10.7#

236 27.2 20.7 31.1



#78

Pyrene

Concen: 9.301 ng

RT: 19.818 min Scan# 2864

Delta R.T. 0.064 min

Lab File: BG060786.D

Acq: 4 Apr 2024 20:18

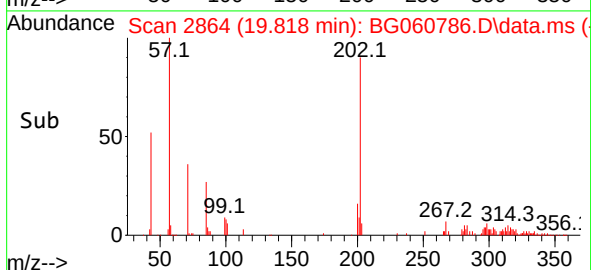
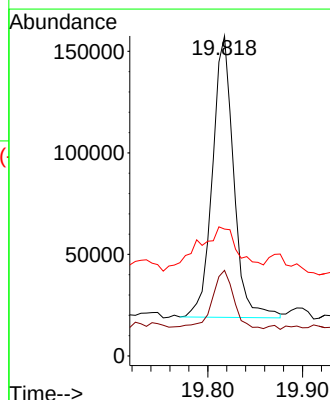
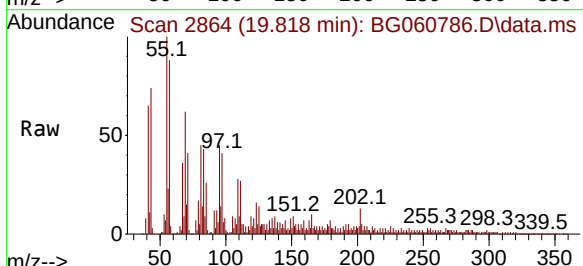
Tgt Ion:202 Resp: 215590

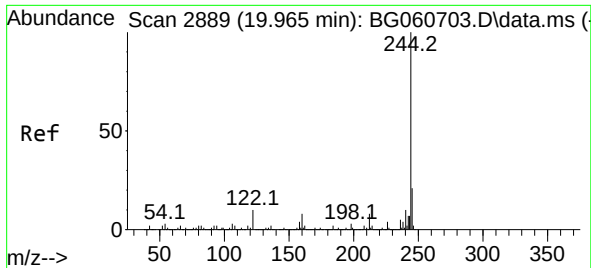
Ion Ratio Lower Upper

202 100

200 26.8 17.0 25.4#

203 39.6 14.0 21.0#

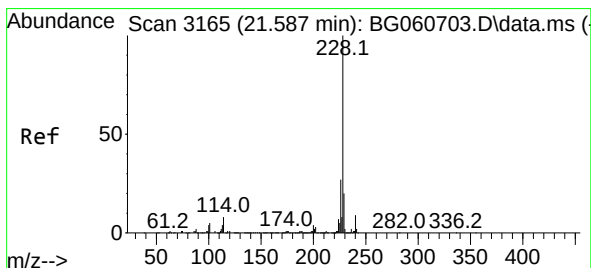
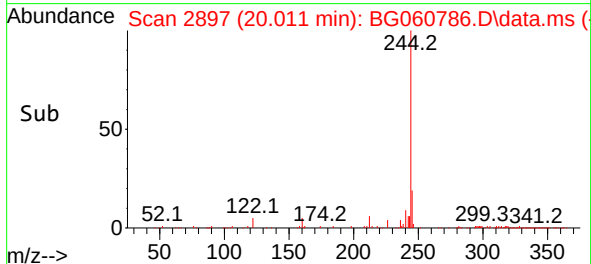
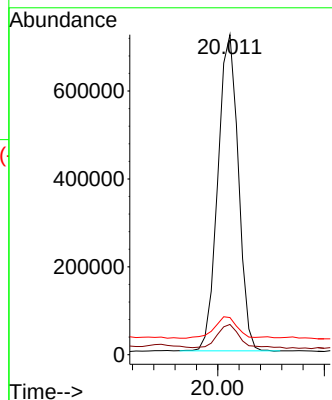
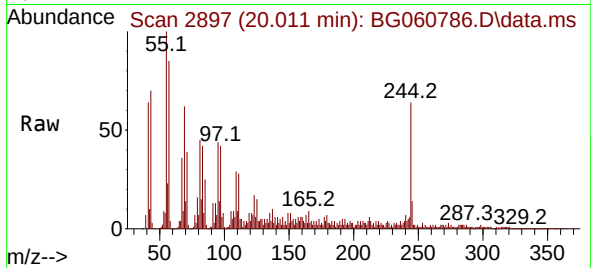




#79
Terphenyl-d14
Concen: 50.872 ng
RT: 20.011 min Scan# 21
Delta R.T. 0.046 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

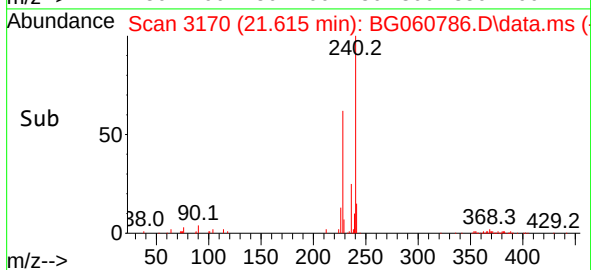
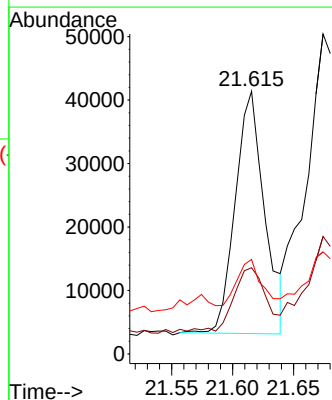
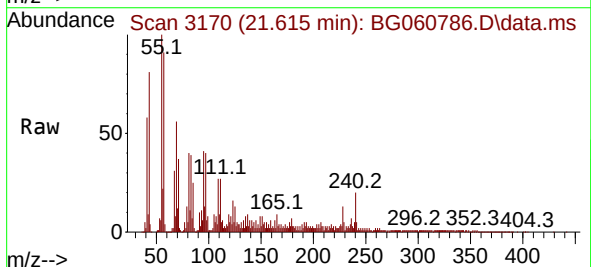
Instrument :
BNA_G
ClientSampleId :
RBR21145

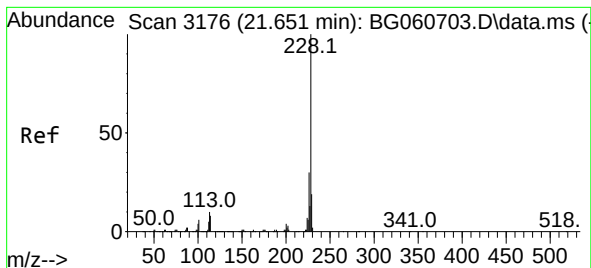
Tgt Ion:244 Resp: 957517
Ion Ratio Lower Upper
244 100
212 9.4 6.2 9.2#
122 11.6 7.8 11.8



#81
Benzo(a)anthracene
Concen: 2.725 ng
RT: 21.615 min Scan# 3170
Delta R.T. 0.029 min
Lab File: BG060786.D
Acq: 4 Apr 2024 20:18

Tgt Ion:228 Resp: 63671
Ion Ratio Lower Upper
228 100
226 32.9 21.7 32.5#
229 36.0 15.8 23.8#





#83

Chrysene

Concen: 4.025 ng

RT: 21.674 min Scan# 31

Delta R.T. 0.023 min

Lab File: BG060786.D

Acq: 4 Apr 2024 20:18

Instrument :

BNA_G

ClientSampleId :

RBR21145

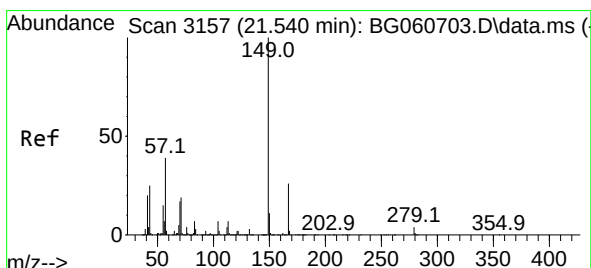
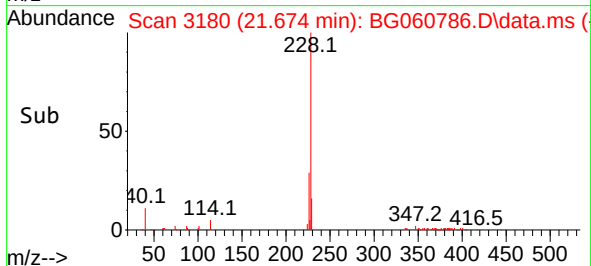
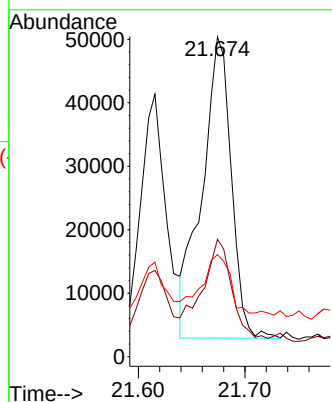
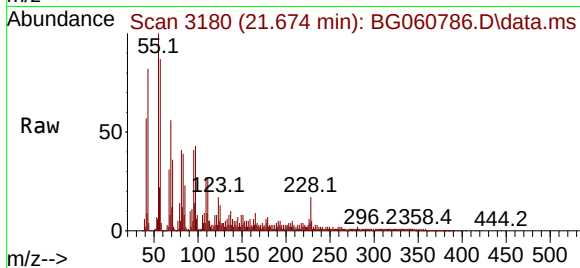
Tgt Ion:228 Resp: 90625

Ion Ratio Lower Upper

228 100

226 36.7 24.2 36.4#

229 31.9 15.5 23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.381 ng

RT: 21.533 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BG060786.D

Acq: 4 Apr 2024 20:18

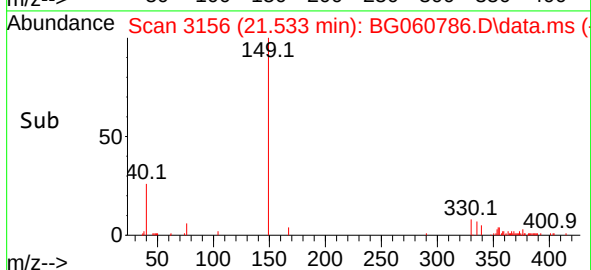
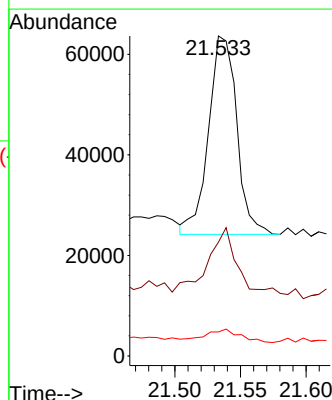
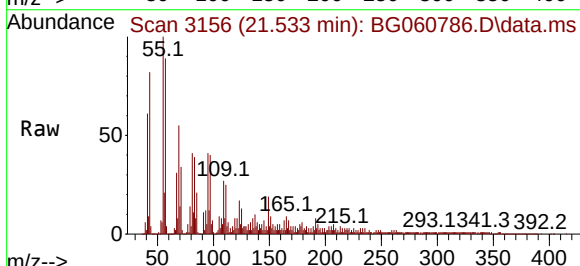
Tgt Ion:149 Resp: 59038

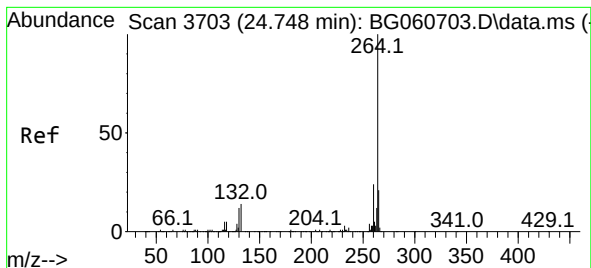
Ion Ratio Lower Upper

149 100

167 35.5 20.6 30.8#

279 7.5 3.0 4.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.759 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG060786.D

Acq: 4 Apr 2024 20:18

Instrument :

BNA_G

ClientSampleId :

RBR21145

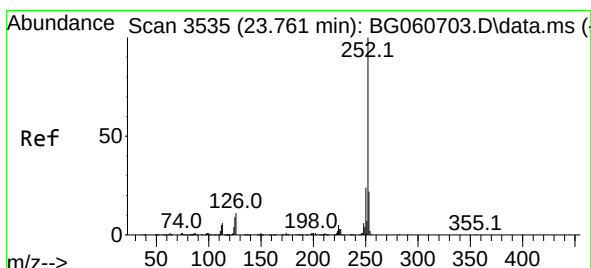
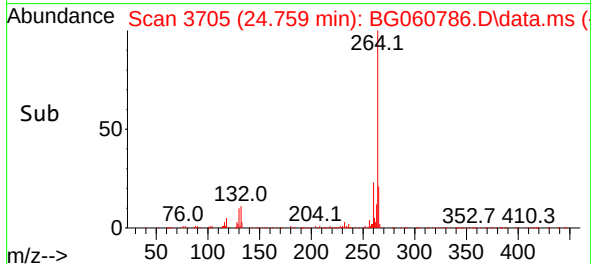
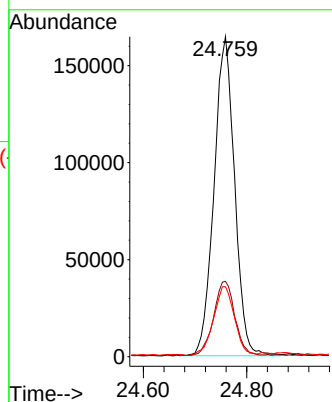
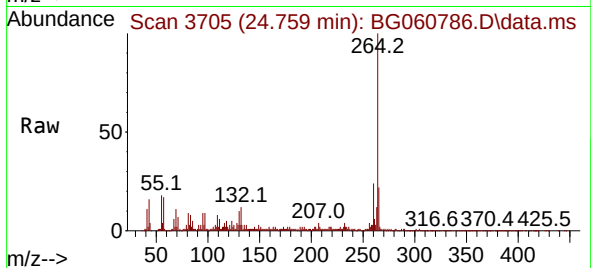
Tgt Ion:264 Resp: 454055

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.9 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 4.115 ng

RT: 23.766 min Scan# 3536

Delta R.T. 0.005 min

Lab File: BG060786.D

Acq: 4 Apr 2024 20:18

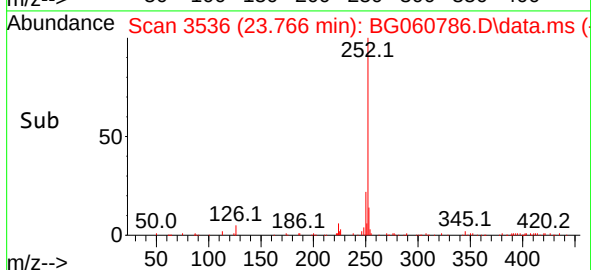
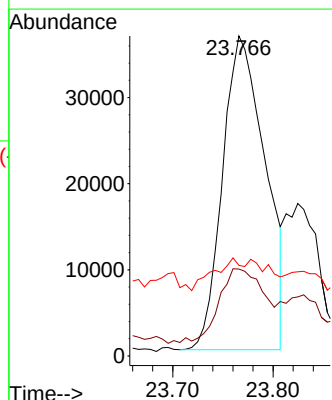
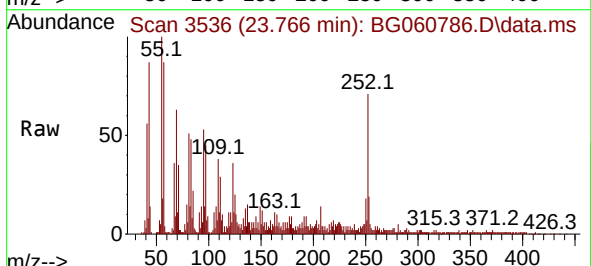
Tgt Ion:252 Resp: 107330

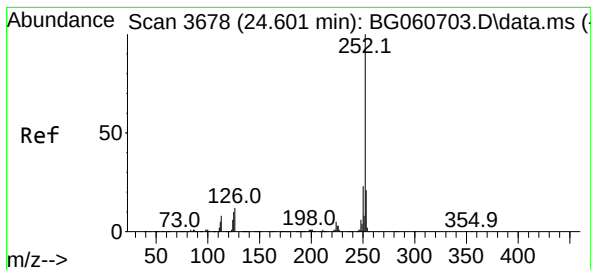
Ion Ratio Lower Upper

252 100

253 27.2 17.8 26.8#

125 28.3 7.1 10.7#





#90

Benzo(a)pyrene

Concen: 2.353 ng

RT: 24.612 min Scan# 30

Delta R.T. 0.011 min

Lab File: BG060786.D

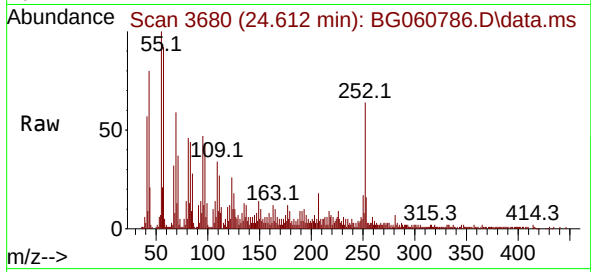
Acq: 4 Apr 2024 20:18

Instrument :

BNA_G

ClientSampleId :

RBR21145



Tgt Ion:252 Resp: 59654

Ion Ratio Lower Upper

252 100

253 24.7 16.8 25.2

125 28.5 7.6 11.4#

