

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
 Data File : BG055995.D
 Acq On : 16 Dec 2022 15:43
 Operator : CG/JU
 Sample : N6037-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-18-(2-4)

Quant Time: Dec 17 01:21:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 01:18:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

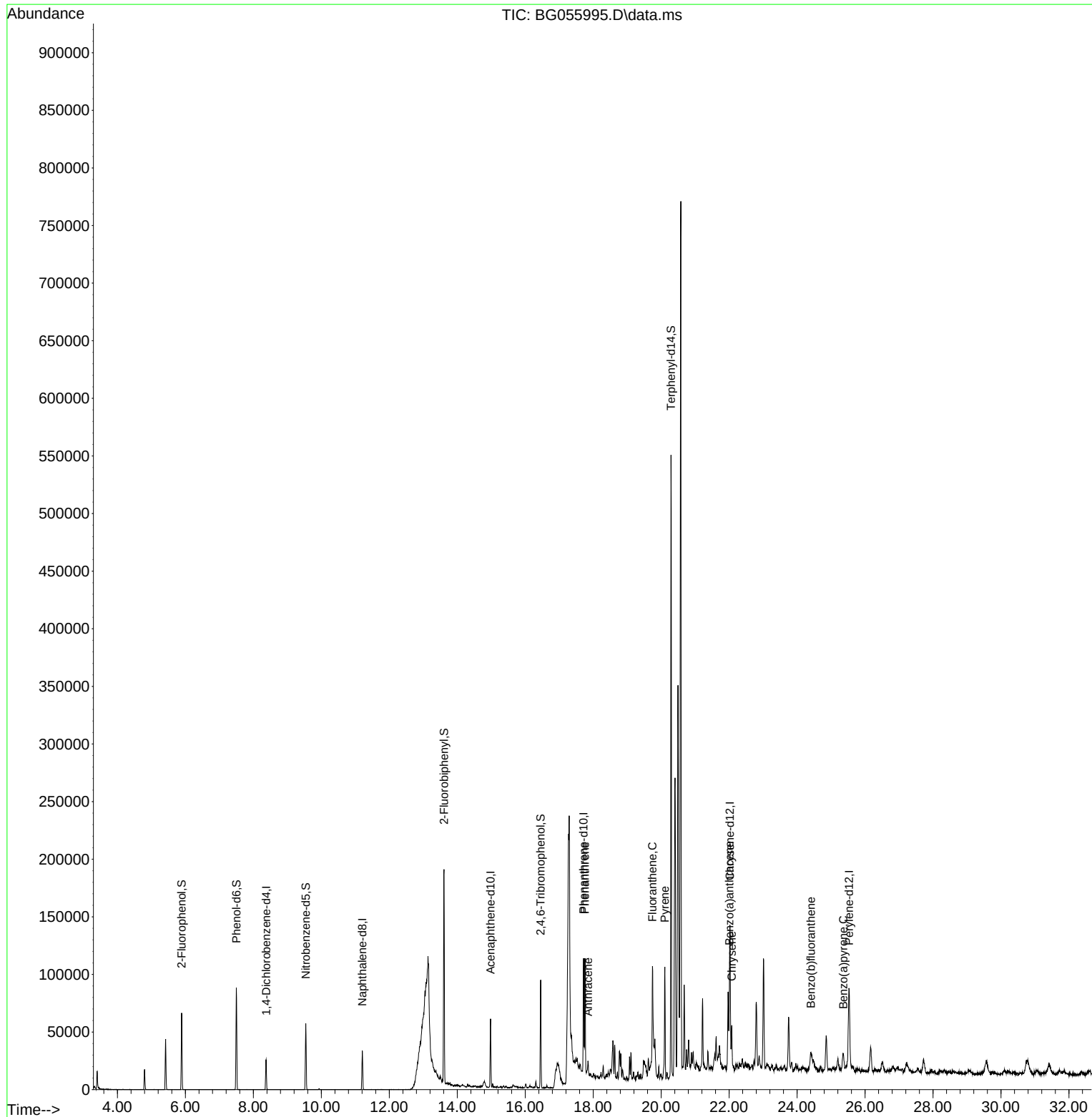
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.376	152	8398	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	30049	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	23765	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	68991	20.000	ng	0.00
76) Chrysene-d12	22.025	240	75746	20.000	ng	0.00
86) Perylene-d12	25.532	264	92531	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	27282	76.186	ng	0.00
7) Phenol-d6	7.500	99	42808	92.947	ng	0.00
23) Nitrobenzene-d5	9.545	82	29063	67.589	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	24884	43.424	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	106171	62.656	ng	0.00
79) Terphenyl-d14	20.291	244	292800	68.319	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.759	178	67784	18.748	ng	98
72) Anthracene	17.847	178	10001	2.796	ng	96
75) Fluoranthene	19.745	202	45370	8.961	ng	99
78) Pyrene	20.109	202	68539	14.954	ng	98
81) Benzo(a)anthracene	22.007	228	30863	5.790	ng	96
83) Chrysene	22.078	228	28972	5.800	ng	94
88) Benzo(b)fluoranthene	24.410	252	22892	3.823	ng	# 95
90) Benzo(a)pyrene	25.362	252	19172	3.787	ng	# 92

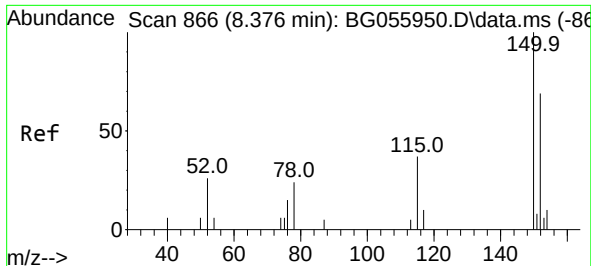
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG055995.D
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Sample : N6037-03
Misc :
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BNA_G
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RB-18-(2-4)

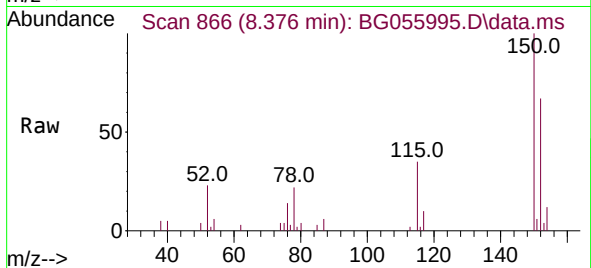
Quant Time: Dec 17 01:21:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
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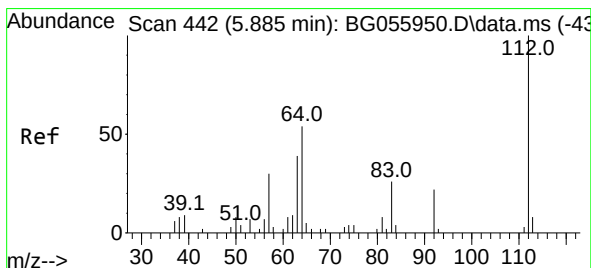
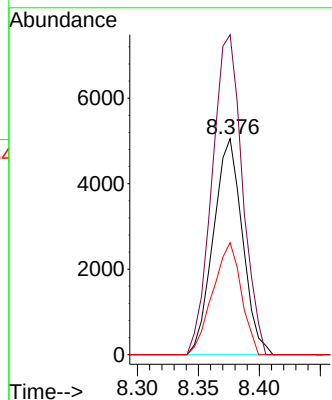
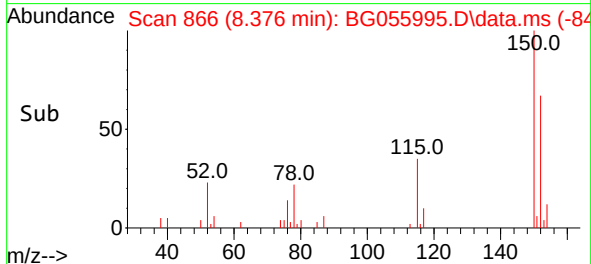


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.376 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

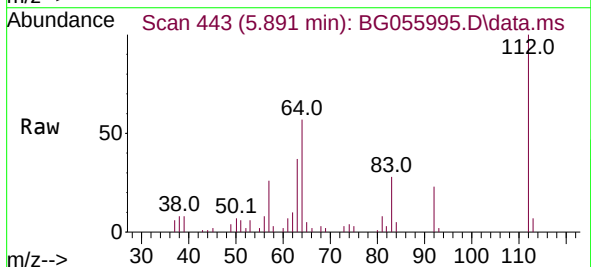
Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)



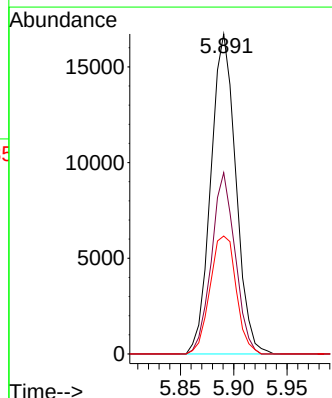
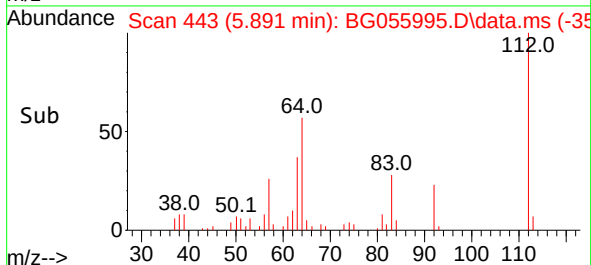
Tgt Ion:152 Resp: 8398
Ion Ratio Lower Upper
152 100
150 148.2 115.7 173.5
115 51.9 43.0 64.4

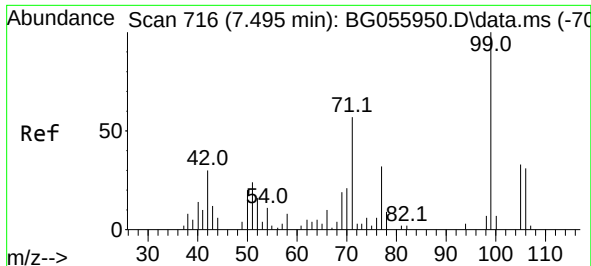


#5
2-Fluorophenol
Concen: 76.186 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43



Tgt Ion:112 Resp: 27282
Ion Ratio Lower Upper
112 100
64 56.7 43.0 64.4
63 36.9 31.4 47.2

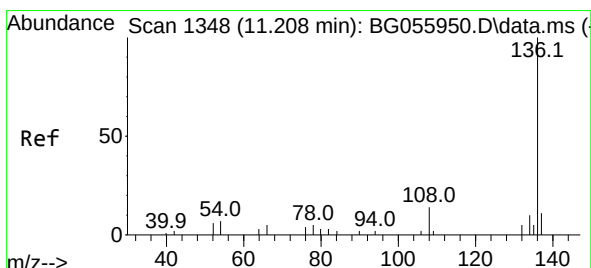
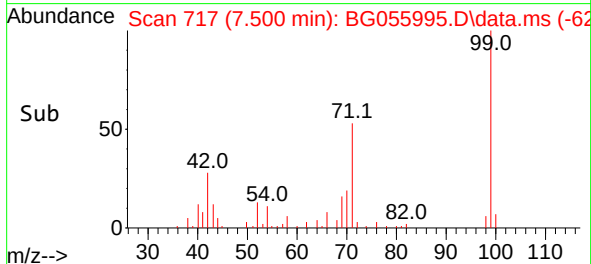
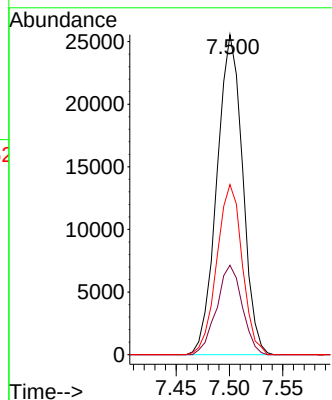
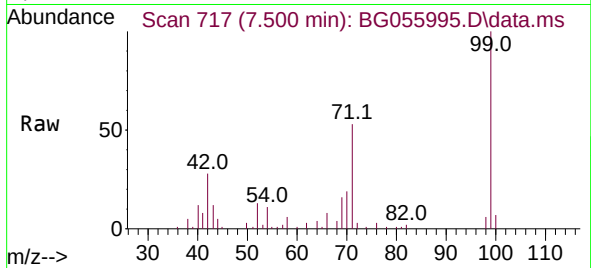




#7
Phenol-d6
Concen: 92.947 ng
RT: 7.500 min Scan# 716
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

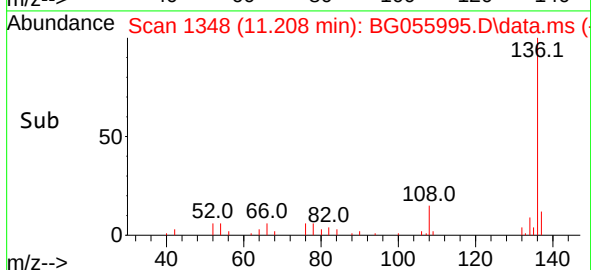
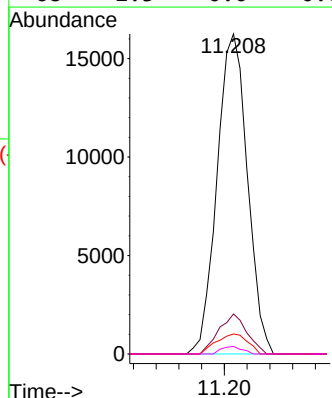
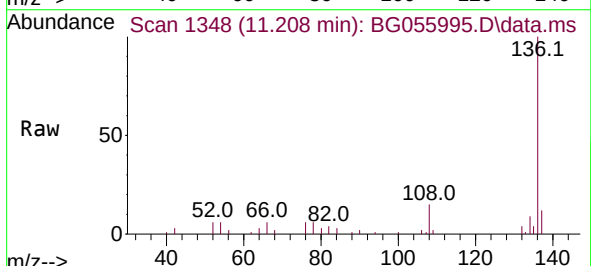
Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

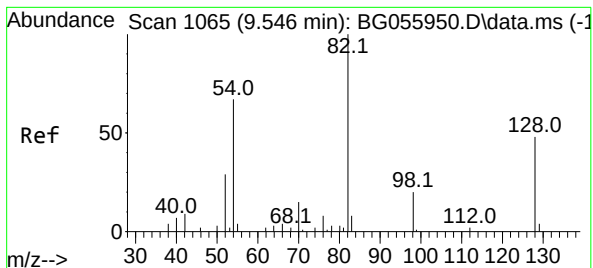
Tgt Ion: 99 Resp: 42808
Ion Ratio Lower Upper
99 100
42 28.0 24.3 36.5
71 53.2 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.208 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion: 136 Resp: 30049
Ion Ratio Lower Upper
136 100
137 12.5 9.2 13.8
54 6.2 5.6 8.4
68 2.3 0.0 0.0





#23

Nitrobenzene-d5

Concen: 67.589 ng

RT: 9.545 min Scan# 1065

Delta R.T. -0.000 min

Lab File: BG055995.D

Acq: 16 Dec 2022 15:43

Instrument :

BNA_G

ClientSampleId :

RB-18-(2-4)

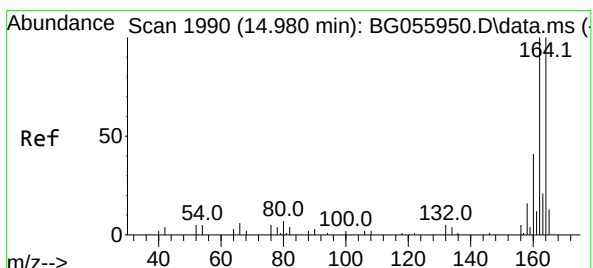
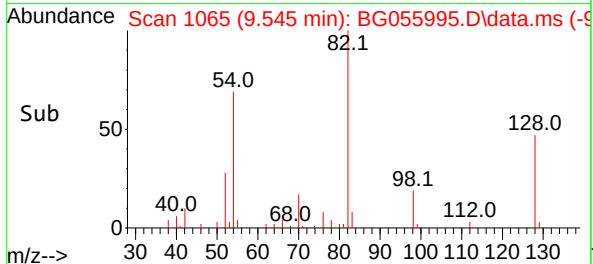
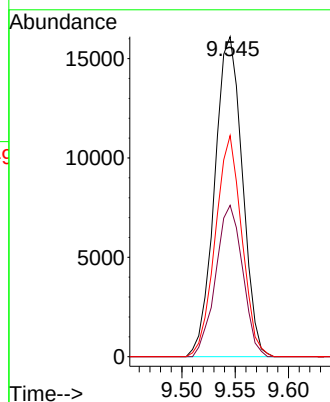
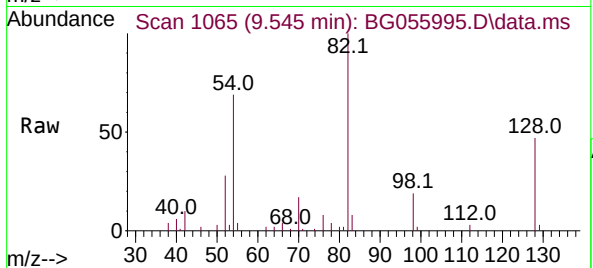
Tgt Ion: 82 Resp: 29063

Ion Ratio Lower Upper

82 100

128 47.3 38.4 57.6

54 69.1 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.980 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BG055995.D

Acq: 16 Dec 2022 15:43

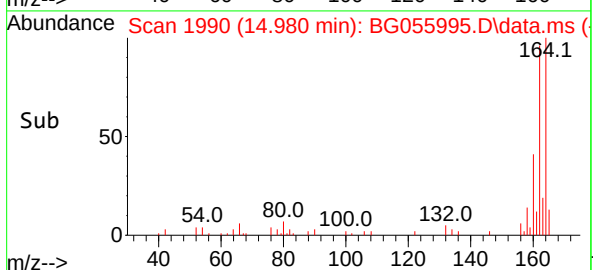
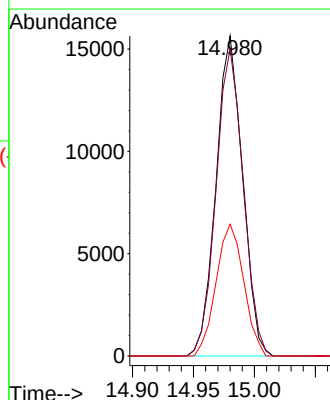
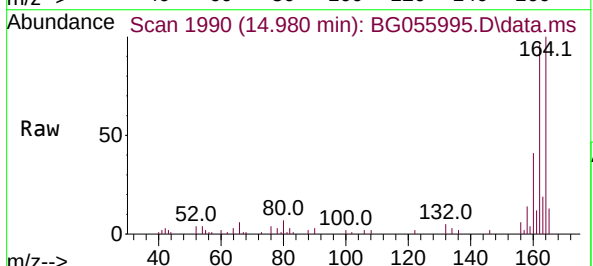
Tgt Ion:164 Resp: 23765

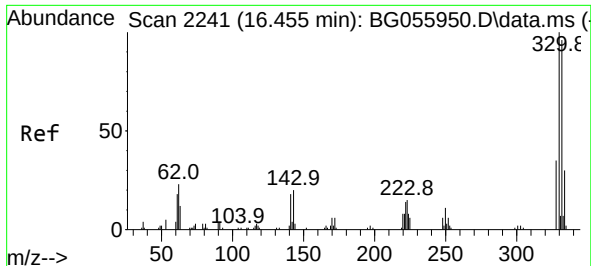
Ion Ratio Lower Upper

164 100

162 96.0 79.8 119.8

160 41.1 33.0 49.4

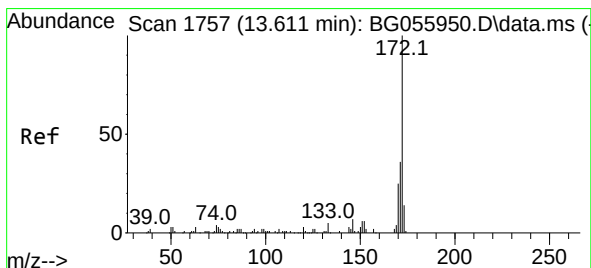
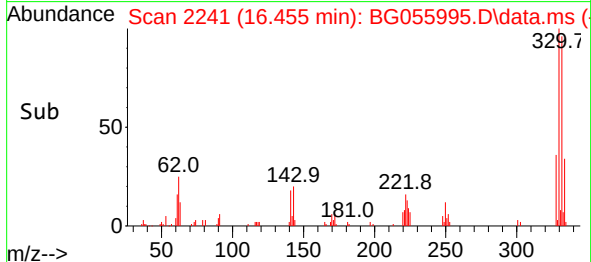
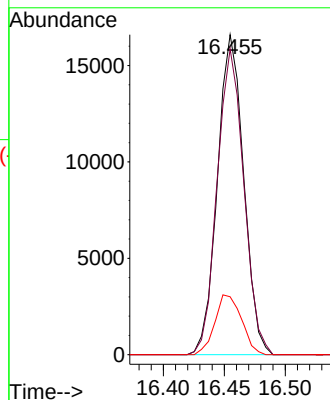
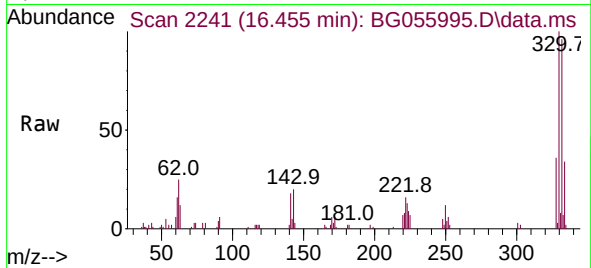




#42
 2,4,6-Tribromophenol
 Concen: 43.424 ng
 RT: 16.455 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055995.D
 Acq: 16 Dec 2022 15:43

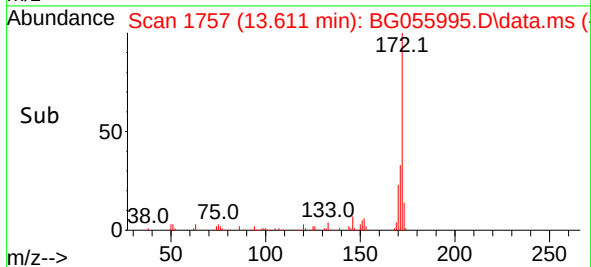
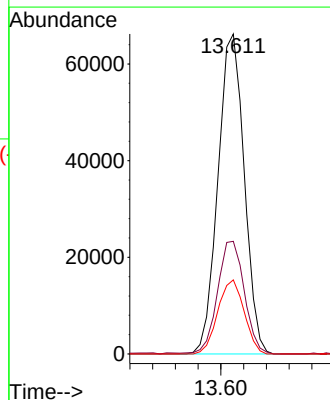
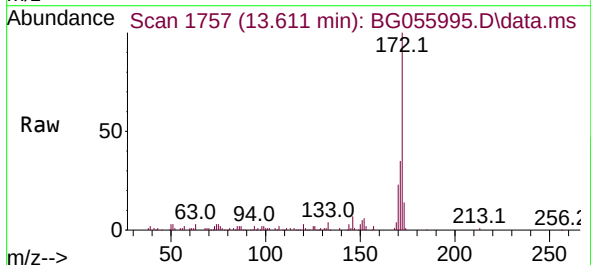
Instrument :
 BNA_G
 ClientSampleId :
 RB-18-(2-4)

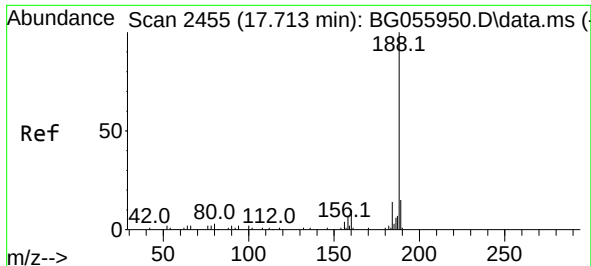
Tgt Ion:330 Resp: 24884
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 19.0 15.0 22.4



#45
 2-Fluorobiphenyl
 Concen: 62.656 ng
 RT: 13.611 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BG055995.D
 Acq: 16 Dec 2022 15:43

Tgt Ion:172 Resp: 106171
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.2 19.9 29.9

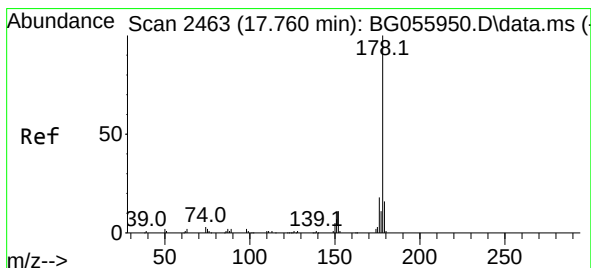
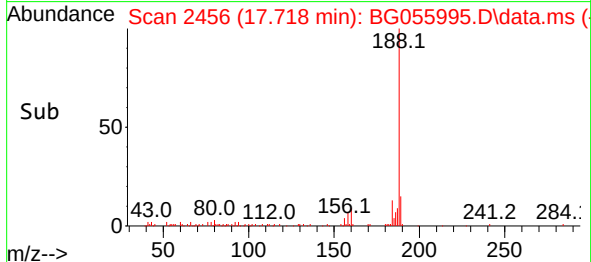
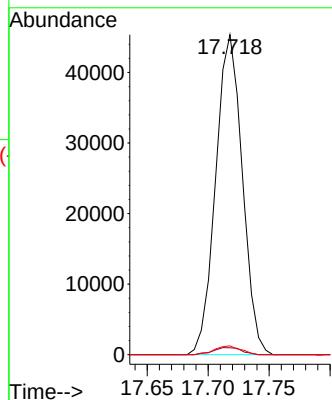
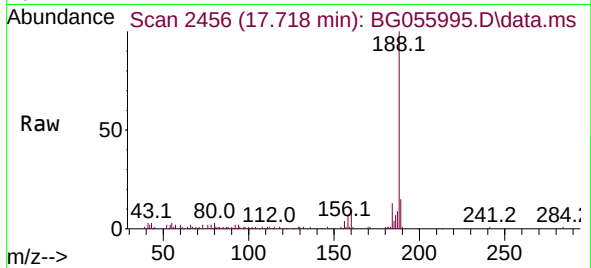




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

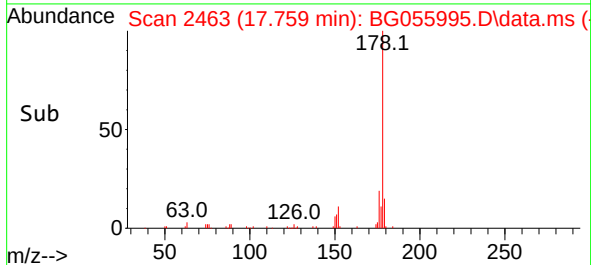
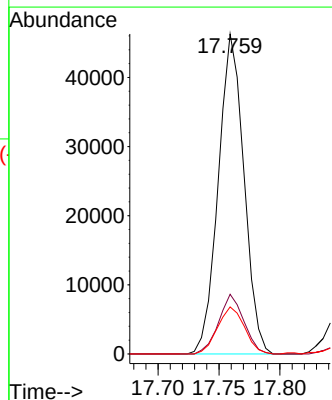
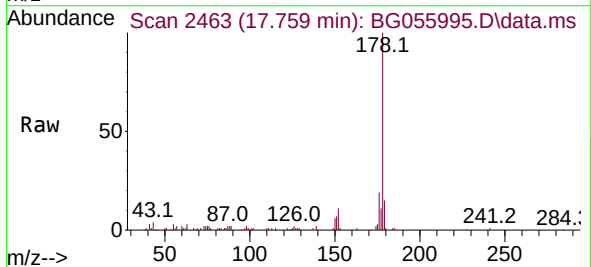
Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

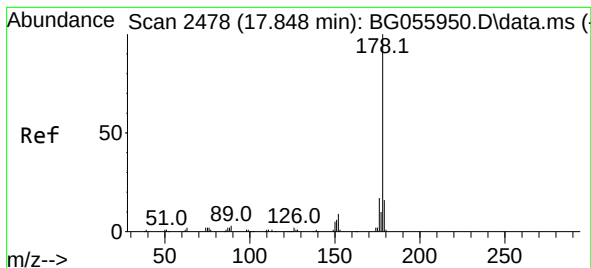
Tgt Ion:188 Resp: 68991
Ion Ratio Lower Upper
188 100
94 2.2 1.8 2.8
80 3.3 2.4 3.6



#71
Phenanthrene
Concen: 18.748 ng
RT: 17.759 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:178 Resp: 67784
Ion Ratio Lower Upper
178 100
176 18.7 14.4 21.6
179 14.7 12.7 19.1





#72

Anthracene

Concen: 2.796 ng

RT: 17.847 min Scan# 2478

Delta R.T. -0.006 min

Lab File: BG055995.D

Acq: 16 Dec 2022 15:43

Instrument :

BNA_G

ClientSampleId :

RB-18-(2-4)

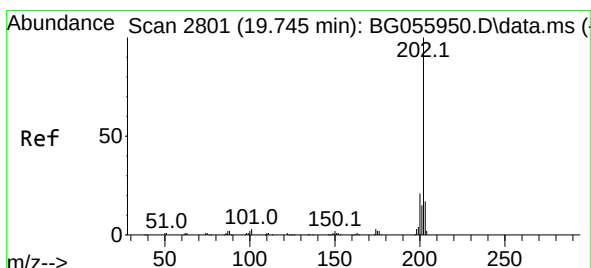
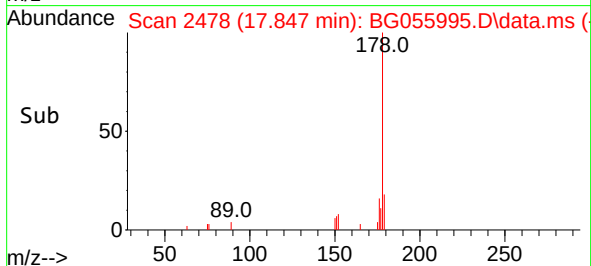
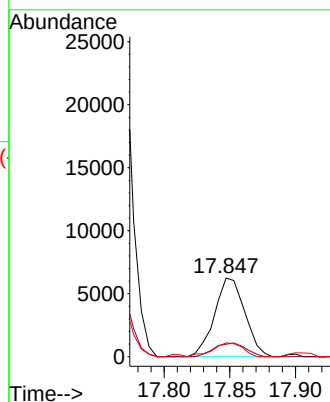
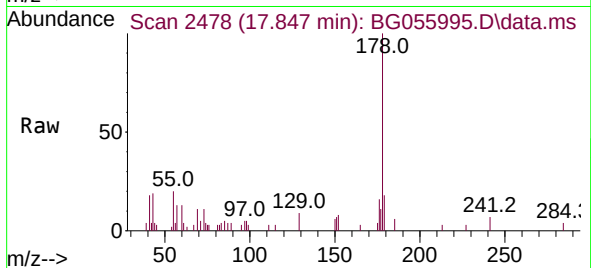
Tgt Ion:178 Resp: 10001

Ion Ratio Lower Upper

178 100

176 15.9 13.9 20.9

179 17.5 12.7 19.1



#75

Fluoranthene

Concen: 8.961 ng

RT: 19.745 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BG055995.D

Acq: 16 Dec 2022 15:43

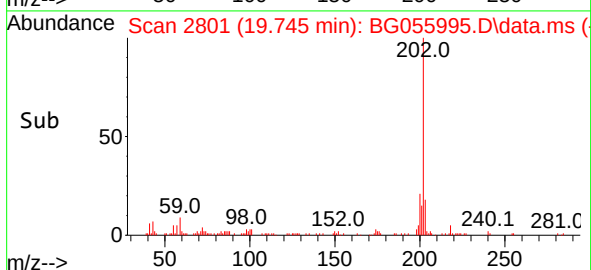
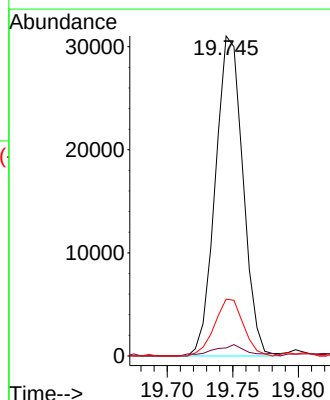
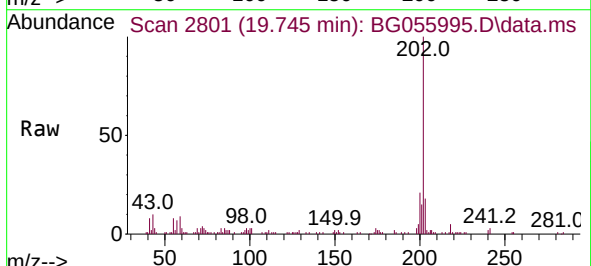
Tgt Ion:202 Resp: 45370

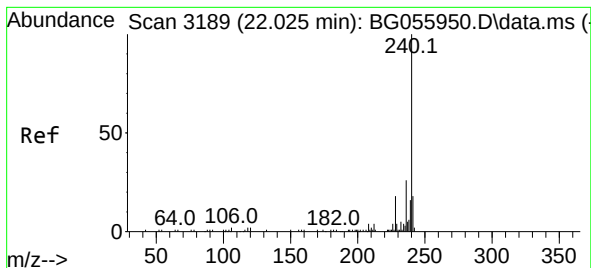
Ion Ratio Lower Upper

202 100

101 2.5 0.0 22.6

203 17.8 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.025 min Scan# 3189

Delta R.T. -0.006 min

Lab File: BG055995.D

Acq: 16 Dec 2022 15:43

Instrument :

BNA_G

ClientSampleId :

RB-18-(2-4)

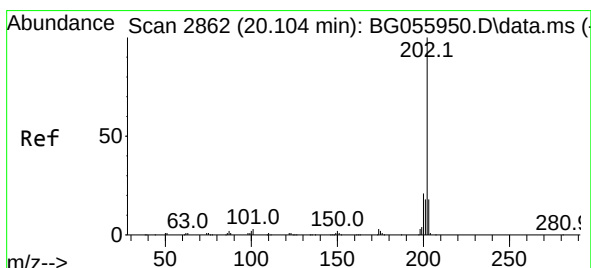
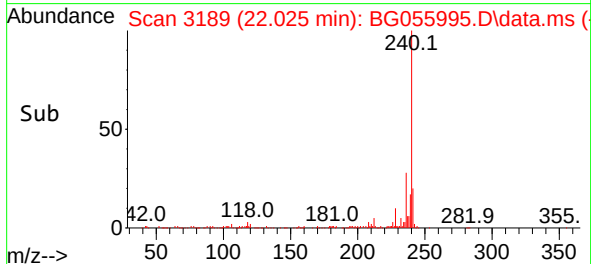
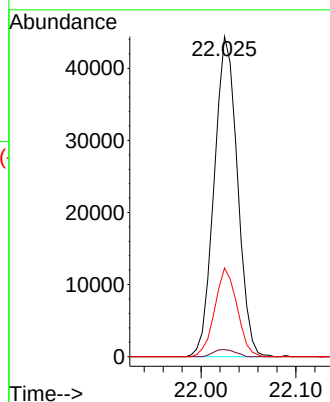
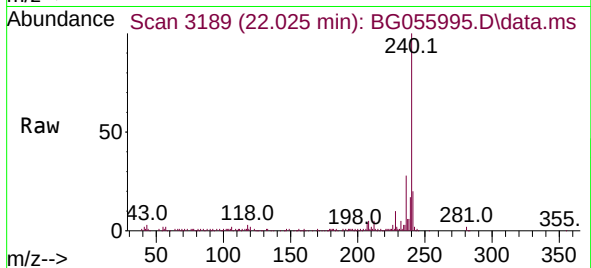
Tgt Ion:240 Resp: 75746

Ion Ratio Lower Upper

240 100

120 2.2 1.7 2.5

236 27.7 21.1 31.7



#78

Pyrene

Concen: 14.954 ng

RT: 20.109 min Scan# 2863

Delta R.T. -0.000 min

Lab File: BG055995.D

Acq: 16 Dec 2022 15:43

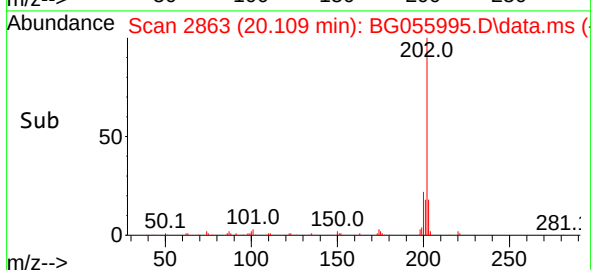
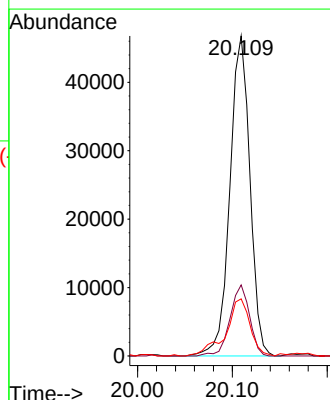
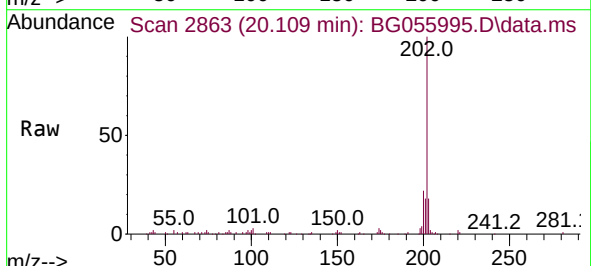
Tgt Ion:202 Resp: 68539

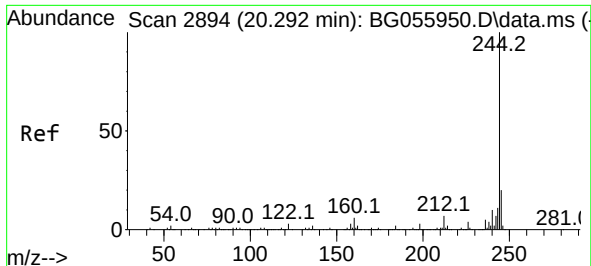
Ion Ratio Lower Upper

202 100

200 22.2 16.7 25.1

203 17.9 14.6 21.8

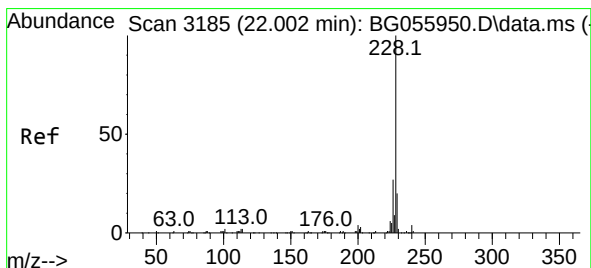
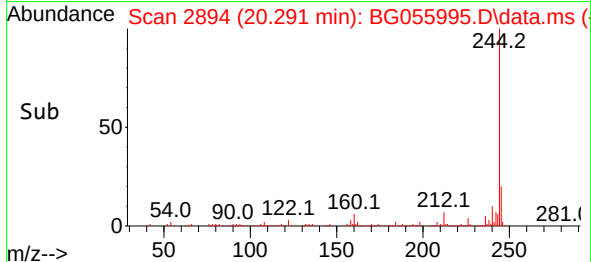
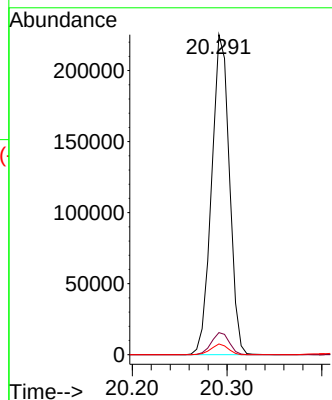
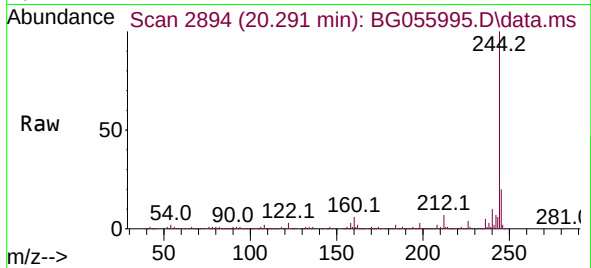




#79
 Terphenyl-d14
 Concen: 68.319 ng
 RT: 20.291 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055995.D
 Acq: 16 Dec 2022 15:43

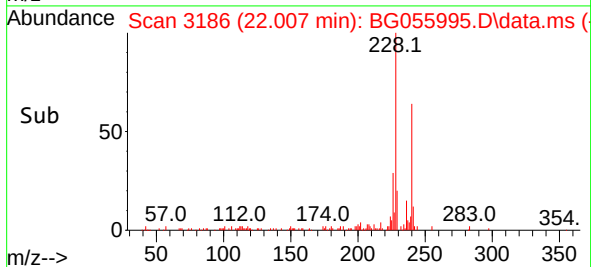
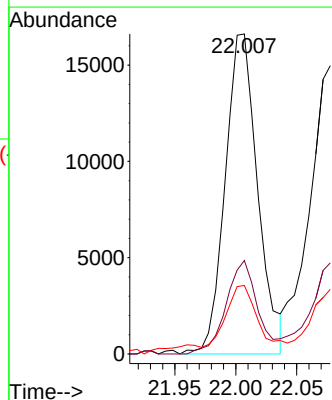
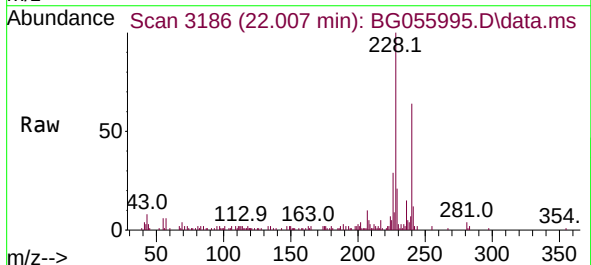
Instrument :
 BNA_G
 ClientSampleId :
 RB-18-(2-4)

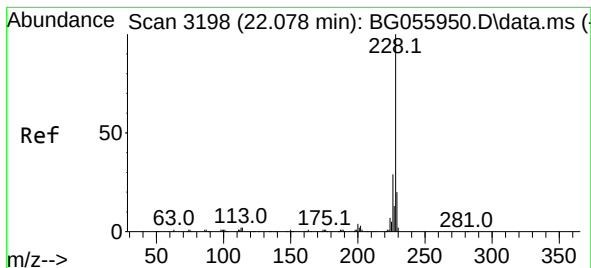
Tgt Ion:244 Resp: 292800
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.4 2.5 3.7



#81
 Benzo(a)anthracene
 Concen: 5.790 ng
 RT: 22.007 min Scan# 3186
 Delta R.T. -0.000 min
 Lab File: BG055995.D
 Acq: 16 Dec 2022 15:43

Tgt Ion:228 Resp: 30863
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.8 32.6
 229 21.4 15.9 23.9





#83

Chrysene

Concen: 5.800 ng

RT: 22.078 min Scan# 3198

Delta R.T. -0.006 min

Lab File: BG055995.D

Acq: 16 Dec 2022 15:43

Instrument :

BNA_G

ClientSampleId :

RB-18-(2-4)

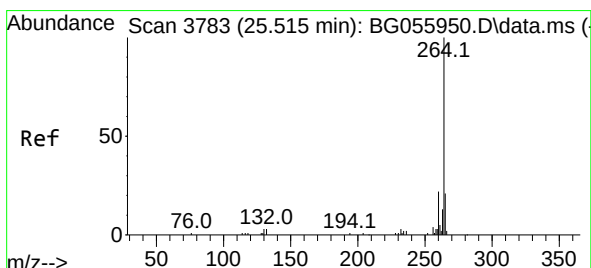
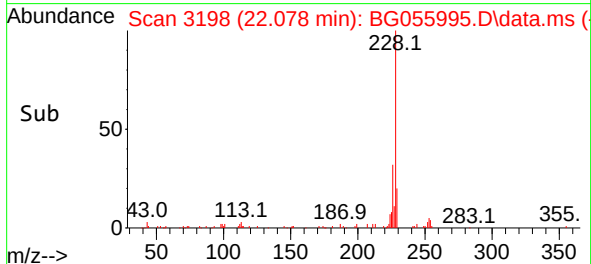
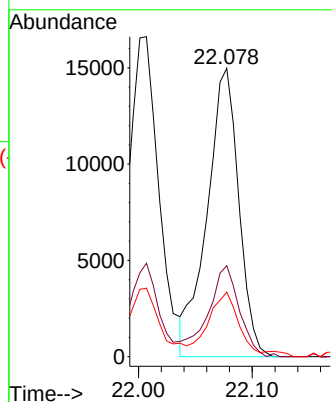
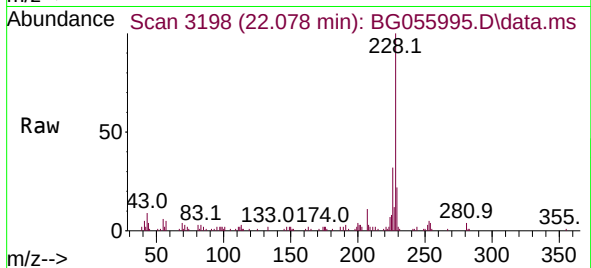
Tgt Ion:228 Resp: 28972

Ion Ratio Lower Upper

228 100

226 31.6 23.1 34.7

229 22.4 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.532 min Scan# 3786

Delta R.T. -0.000 min

Lab File: BG055995.D

Acq: 16 Dec 2022 15:43

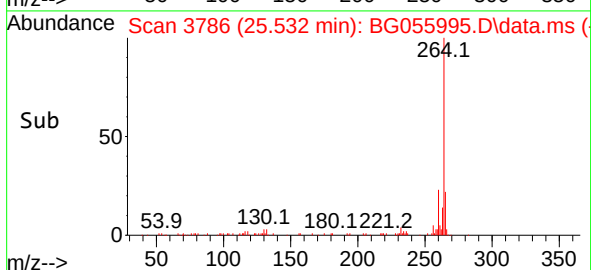
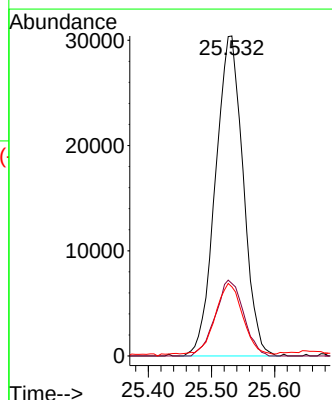
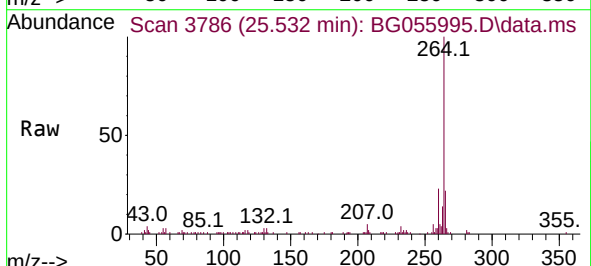
Tgt Ion:264 Resp: 92531

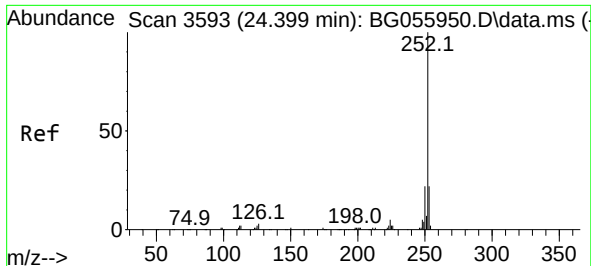
Ion Ratio Lower Upper

264 100

260 22.7 17.8 26.8

265 21.6 16.6 25.0

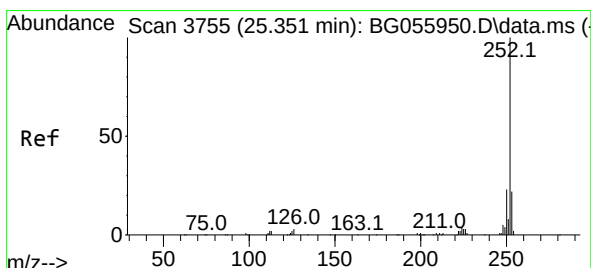
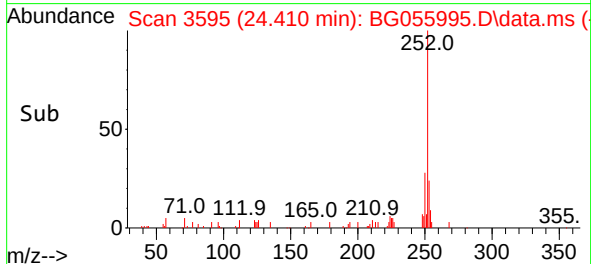
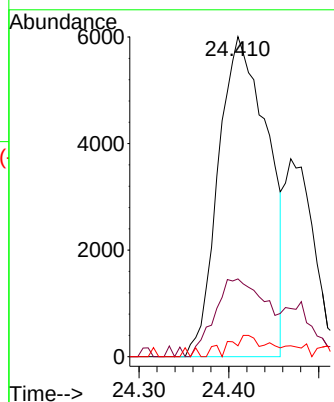
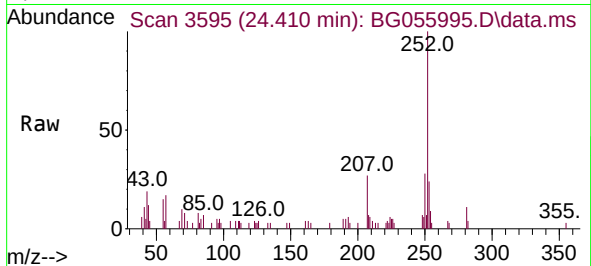




#88
Benzo(b)fluoranthene
Concen: 3.823 ng
RT: 24.410 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Instrument :
BNA_G
ClientSampleId :
RB-18-(2-4)

Tgt Ion:252 Resp: 22892
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 3.4 1.8 2.8#



#90
Benzo(a)pyrene
Concen: 3.787 ng
RT: 25.362 min Scan# 3757
Delta R.T. -0.012 min
Lab File: BG055995.D
Acq: 16 Dec 2022 15:43

Tgt Ion:252 Resp: 19172
Ion Ratio Lower Upper
252 100
253 25.8 17.7 26.5
125 6.2 1.9 2.9#

