

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056538.D
 Acq On : 3 Feb 2023 14:28
 Operator : CG/JU
 Sample : 01410-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12013

Quant Time: Feb 04 05:11:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

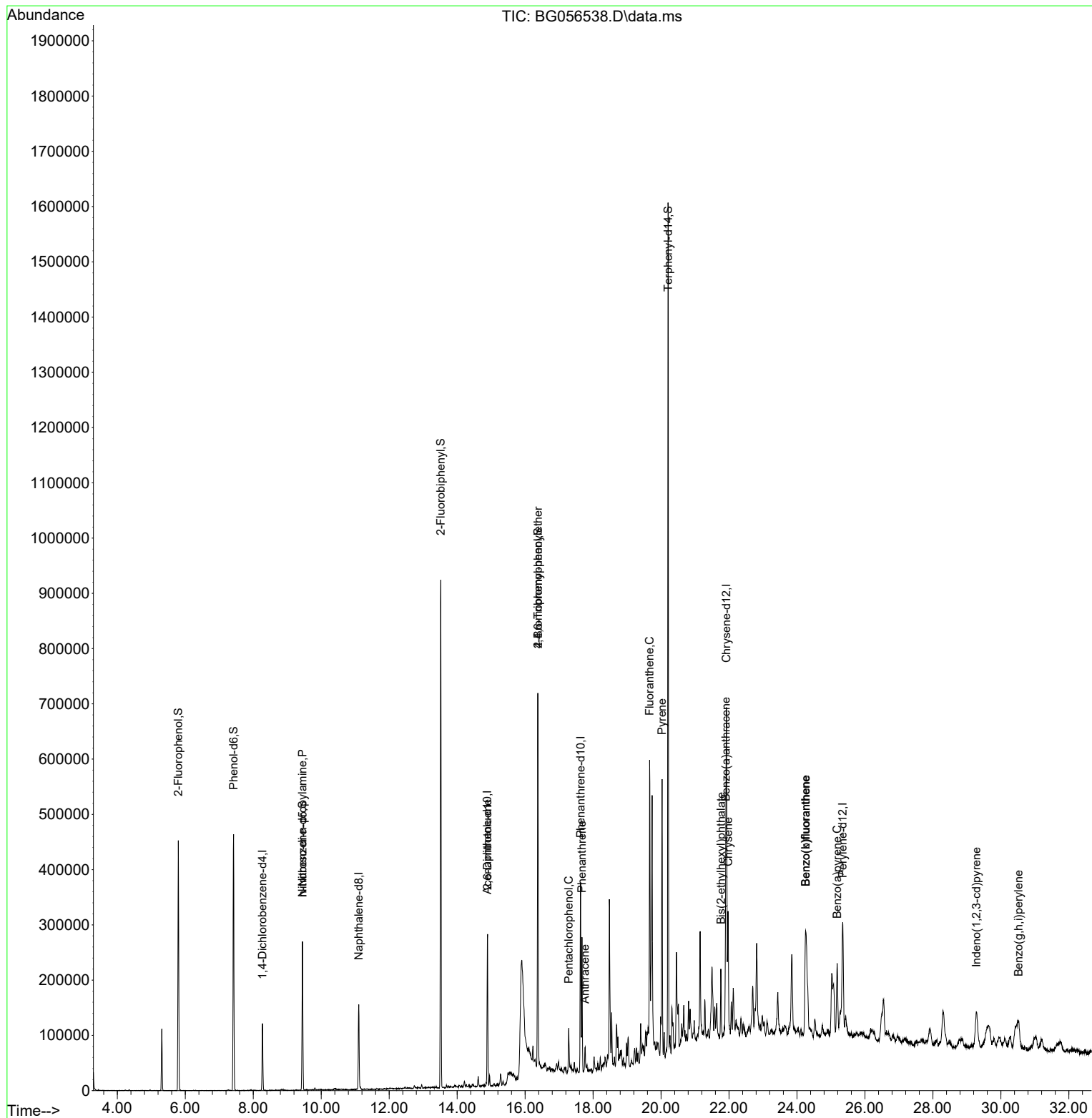
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	39659	20.000	ng	# 0.00
21) Naphthalene-d8	11.105	136	143348	20.000	ng	# 0.00
39) Acenaphthene-d10	14.888	164	104110	20.000	ng	0.00
64) Phenanthrene-d10	17.632	188	235947	20.000	ng	0.00
76) Chrysene-d12	21.921	240	236144	20.000	ng	0.00
86) Perylene-d12	25.347	264	258339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	261061	121.093	ng	0.00
7) Phenol-d6	7.421	99	357579	111.943	ng	0.00
23) Nitrobenzene-d5	9.448	82	186011	73.685	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	140055	101.190	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	529461	70.508	ng	0.00
79) Terphenyl-d14	20.212	244	858730	63.870	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.448	70	23533	12.784	ng	# 74
51) 2,6-Dinitrotoluene	14.894	165	14313	7.792	ng	# 37
67) 4-Bromophenyl-phenylether	16.375	248	11250	3.725	ng	# 1
70) Pentachlorophenol	17.286	266	17488	9.769	ng	95
71) Phenanthrene	17.673	178	167141	13.535	ng	99
72) Anthracene	17.762	178	31581	2.491	ng	98
75) Fluoranthene	19.665	202	347515	22.297	ng	99
78) Pyrene	20.030	202	329867	19.641	ng	99
81) Benzo(a)anthracene	21.904	228	153687	9.309	ng	97
83) Chrysene	21.974	228	196746	12.685	ng	96
84) Bis(2-ethylhexyl)phtha...	21.763	149	61458	8.357	ng	# 97
87) Indeno(1,2,3-cd)pyrene	29.278	276	122189	6.461	ng	98
88) Benzo(b)fluoranthene	24.254	252	270386	16.862	ng	99
89) Benzo(k)fluoranthene	24.254	252	270386	16.701	ng	100
90) Benzo(a)pyrene	25.182	252	153168	9.697	ng	98
92) Benzo(g,h,i)perylene	30.523	276	119143	7.779	ng	# 97

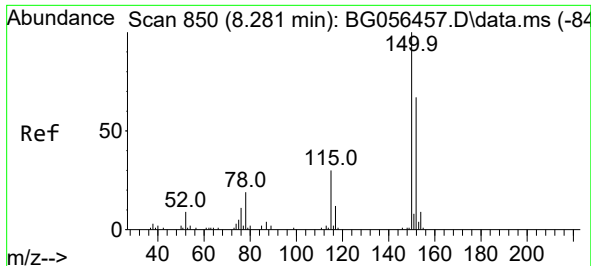
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
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Sample : 01410-01
Misc :
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Quant Time: Feb 04 05:11:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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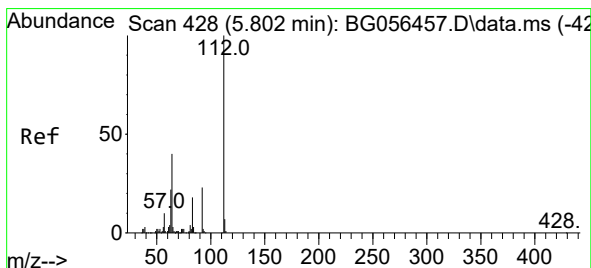
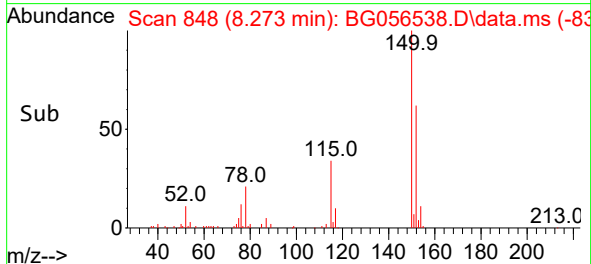
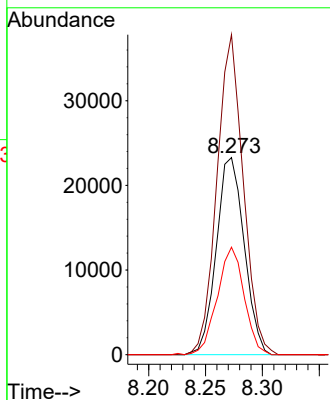
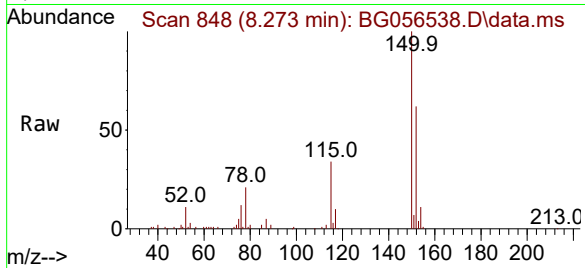




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

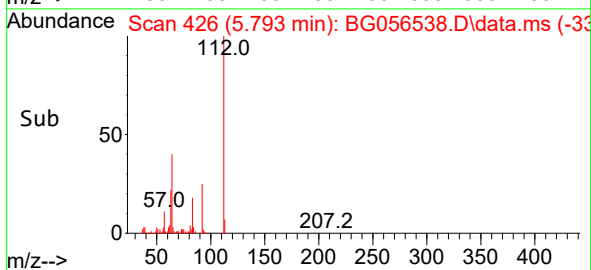
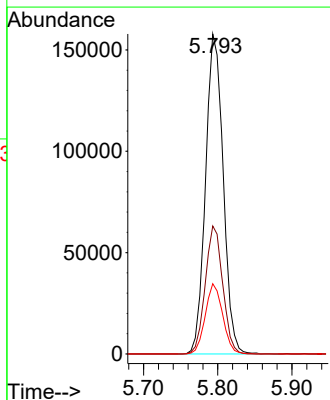
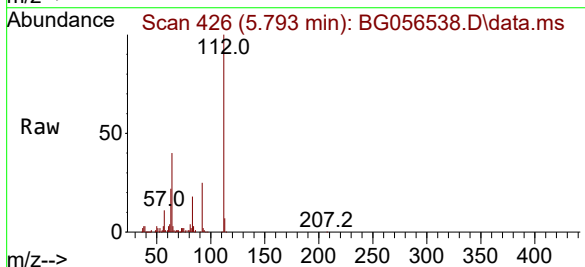
Instrument :
BNA_G
ClientSampleId :
72-12013

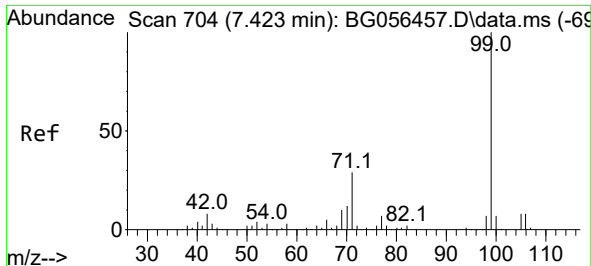
Tgt Ion:152 Resp: 39659
Ion Ratio Lower Upper
152 100
150 162.3 120.2 180.4
115 54.5 36.3 54.5#



#5
2-Fluorophenol
Concen: 121.093 ng
RT: 5.793 min Scan# 426
Delta R.T. -0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Tgt Ion:112 Resp: 261061
Ion Ratio Lower Upper
112 100
64 40.0 31.9 47.9
63 22.0 17.4 26.0

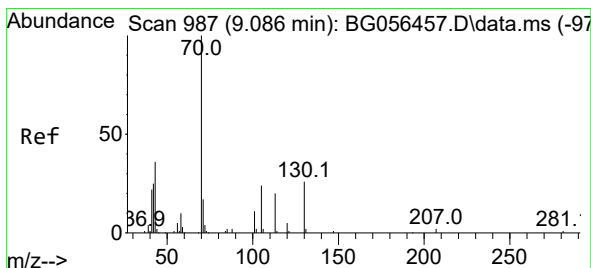
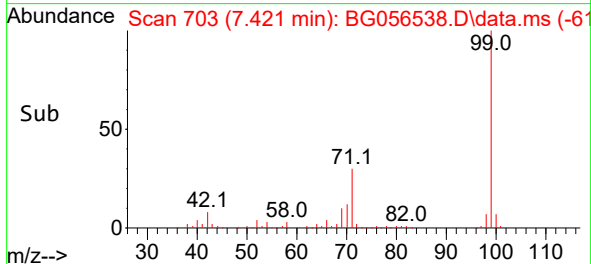
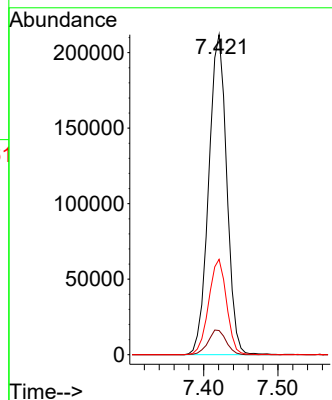
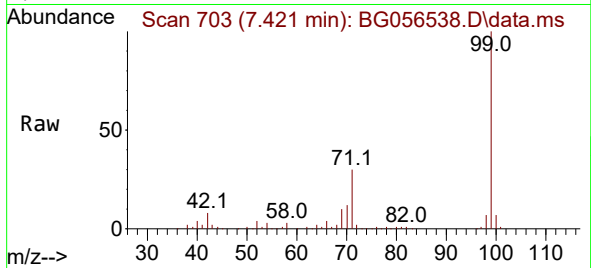




#7
Phenol-d6
Concen: 111.943 ng
RT: 7.421 min Scan# 704
Delta R.T. 0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

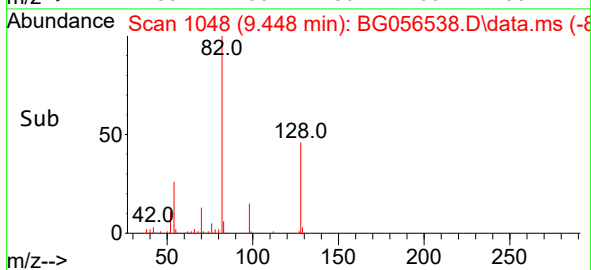
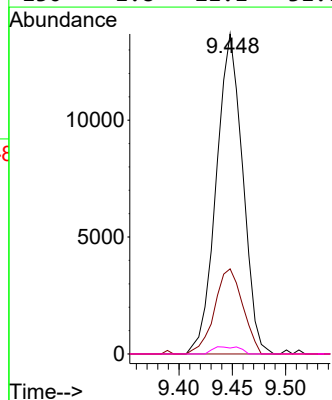
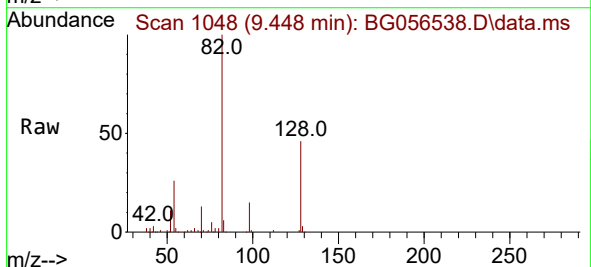
Instrument :
BNA_G
ClientSampleId :
72-12013

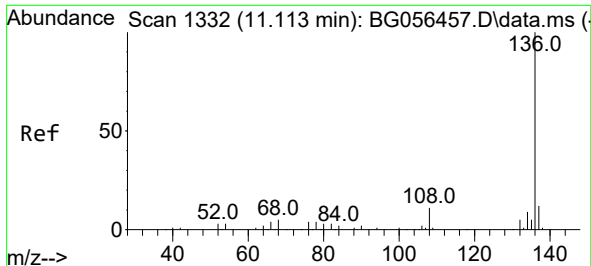
Tgt Ion: 99 Resp: 357579
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 29.8 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.784 ng
RT: 9.448 min Scan# 1048
Delta R.T. 0.367 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Tgt Ion: 70 Resp: 23533
Ion Ratio Lower Upper
70 100
42 26.6 20.2 30.4
101 0.0 9.1 13.7#
130 1.8 21.1 31.7#

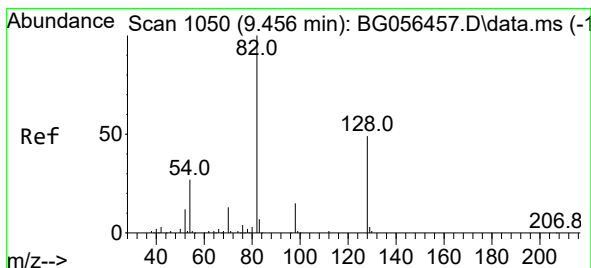
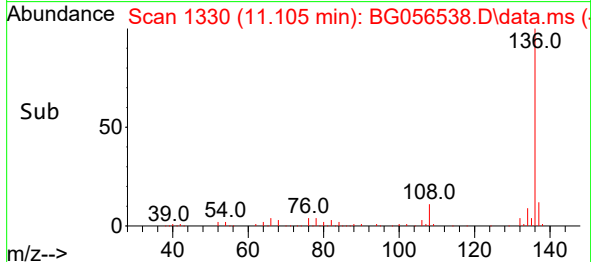
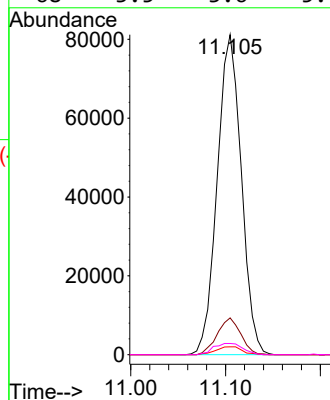
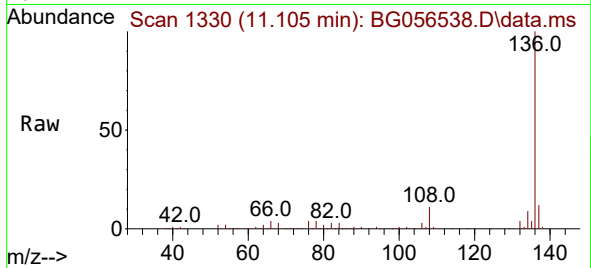




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.105 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

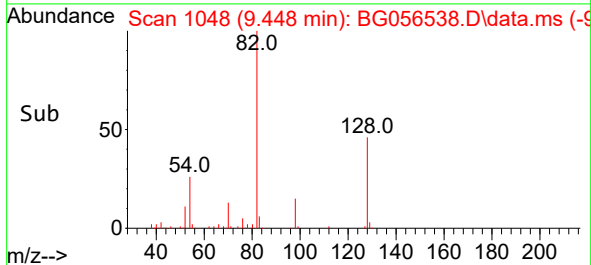
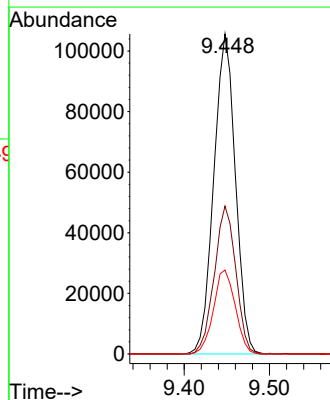
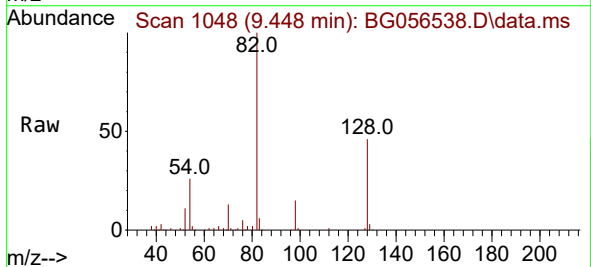
Instrument :
BNA_G
ClientSampleId :
72-12013

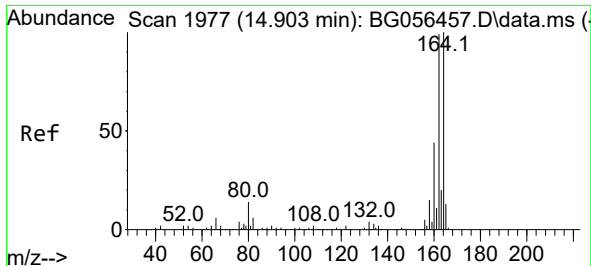
Tgt Ion:136 Resp: 143348
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.5 2.2 3.4
68 3.5 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 73.685 ng
RT: 9.448 min Scan# 1048
Delta R.T. -0.009 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Tgt Ion: 82 Resp: 186011
Ion Ratio Lower Upper
82 100
128 46.2 39.4 59.2
54 26.3 21.4 32.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.888 min Scan# 1977

Delta R.T. -0.009 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

Instrument :

BNA_G

ClientSampleId :

72-12013

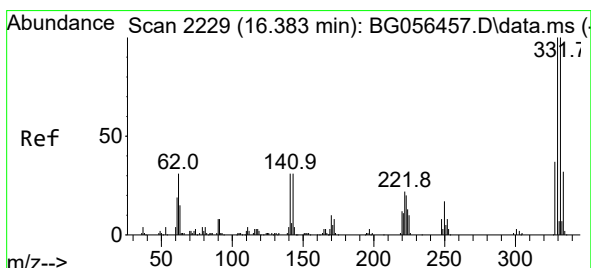
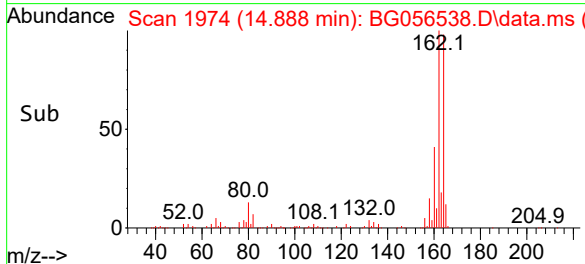
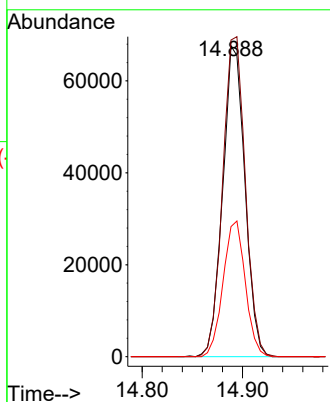
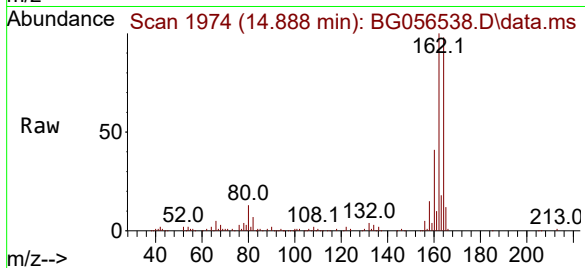
Tgt Ion:164 Resp: 104110

Ion Ratio Lower Upper

164 100

162 101.9 79.6 119.4

160 41.9 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 101.190 ng

RT: 16.375 min Scan# 2227

Delta R.T. -0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

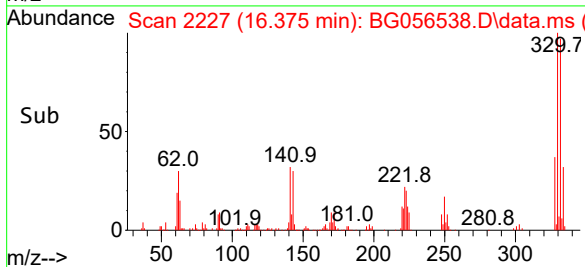
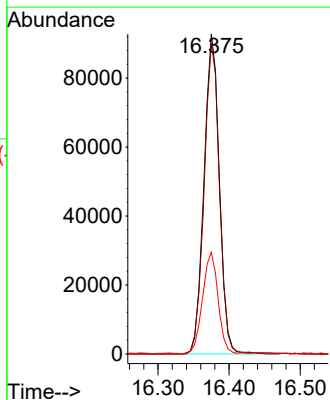
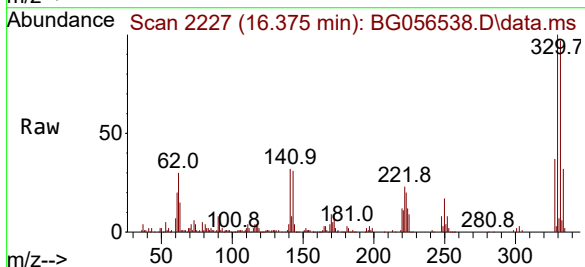
Tgt Ion:330 Resp: 140055

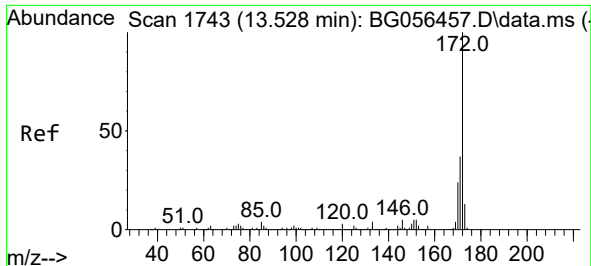
Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.6

141 32.3 24.2 36.4

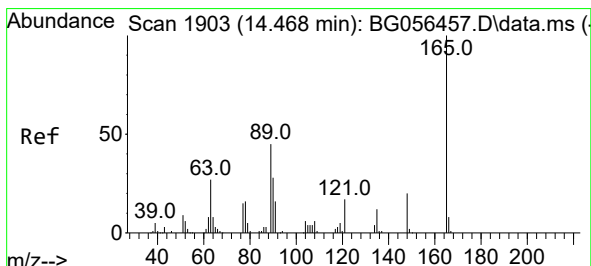
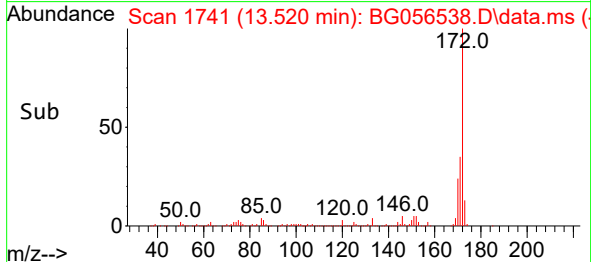
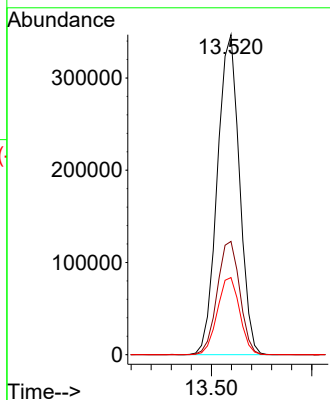
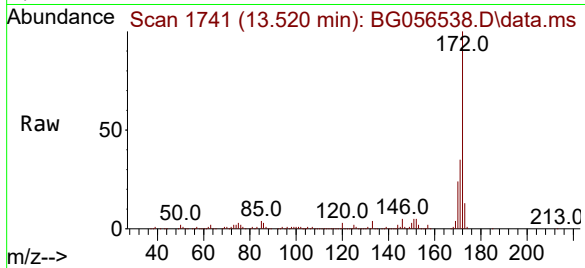




#45
2-Fluorobiphenyl
Concen: 70.508 ng
RT: 13.520 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

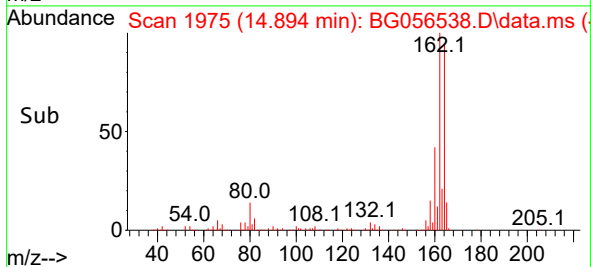
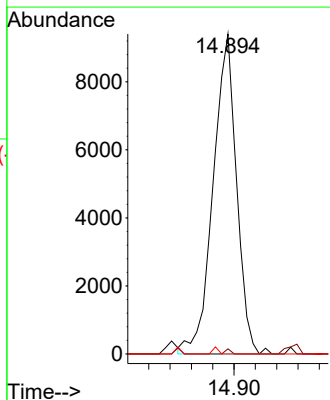
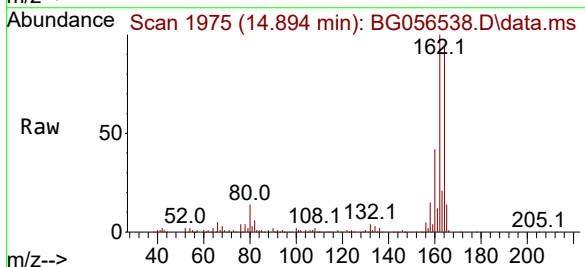
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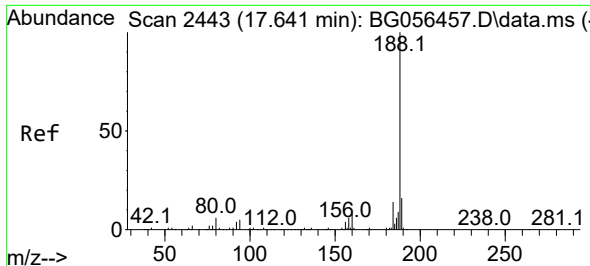
Tgt Ion:172 Resp: 529461
Ion Ratio Lower Upper
172 100
171 35.4 29.5 44.3
170 24.1 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.792 ng
RT: 14.894 min Scan# 1975
Delta R.T. 0.426 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Tgt Ion:165 Resp: 14313
Ion Ratio Lower Upper
165 100
63 1.6 26.9 40.3#
89 0.0 35.6 53.4#

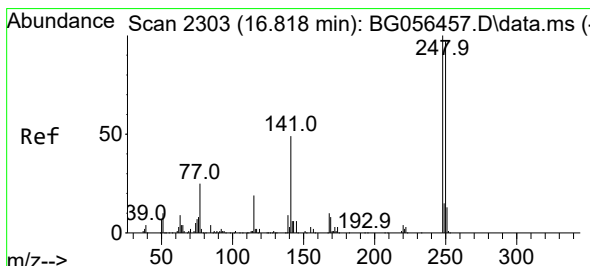
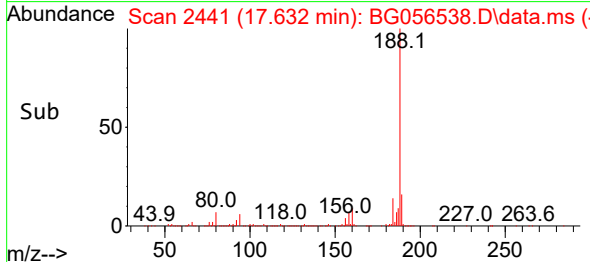
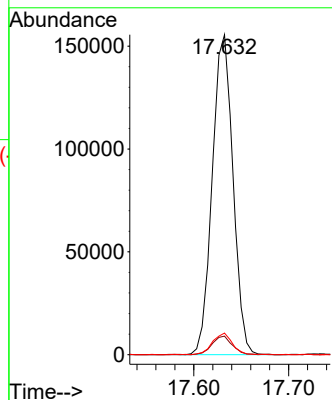
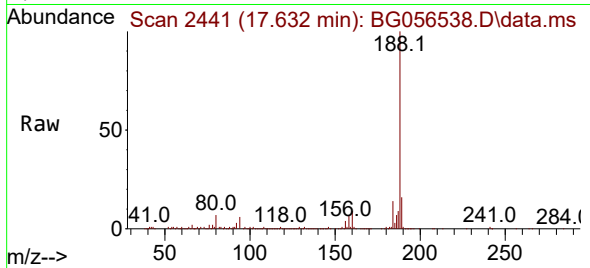




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.632 min Scan# 2443
Delta R.T. -0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

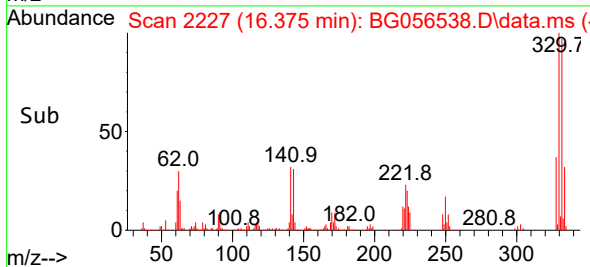
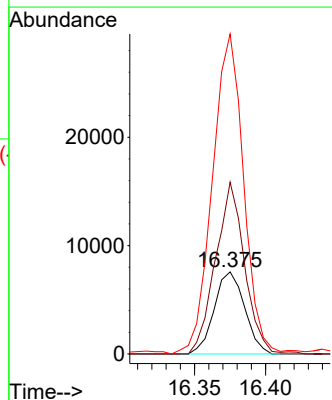
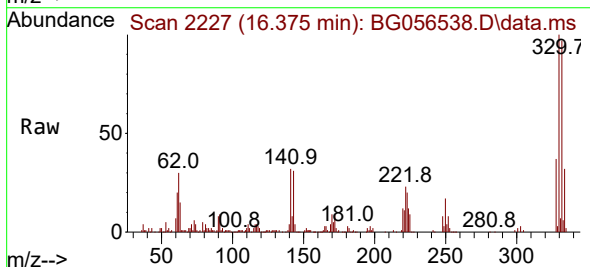
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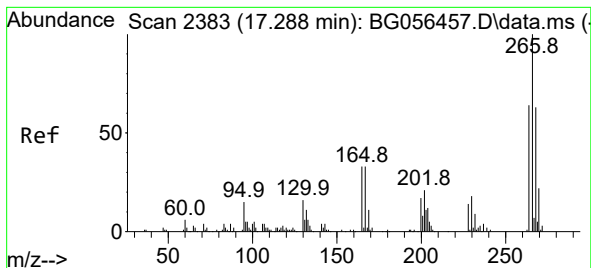
Tgt Ion:188 Resp: 235947
Ion Ratio Lower Upper
188 100
94 5.8 4.1 6.1
80 6.8 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.725 ng
RT: 16.375 min Scan# 2227
Delta R.T. -0.438 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Tgt Ion:248 Resp: 11250
Ion Ratio Lower Upper
248 100
250 209.4 77.6 116.4#
141 390.0 39.0 58.4#





#70

Pentachlorophenol

Concen: 9.769 ng

RT: 17.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056538.D

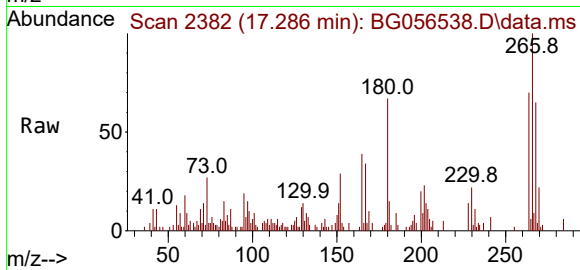
Acq: 3 Feb 2023 14:28

Instrument :

BNA_G

ClientSampleId :

72-12013



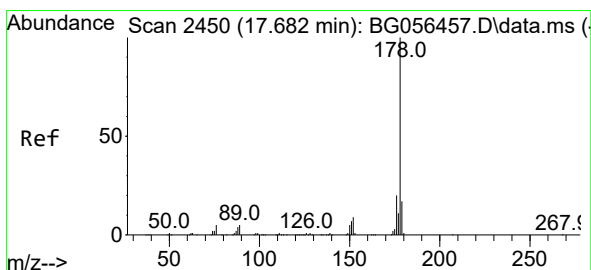
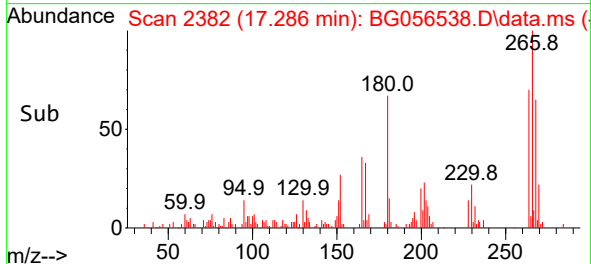
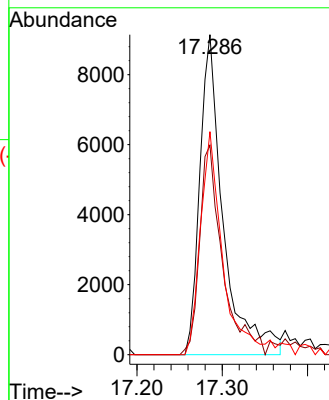
Tgt Ion:266 Resp: 17488

Ion Ratio Lower Upper

266 100

268 65.4 50.2 75.4

264 69.7 51.4 77.0



#71

Phenanthrene

Concen: 13.535 ng

RT: 17.673 min Scan# 2448

Delta R.T. -0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

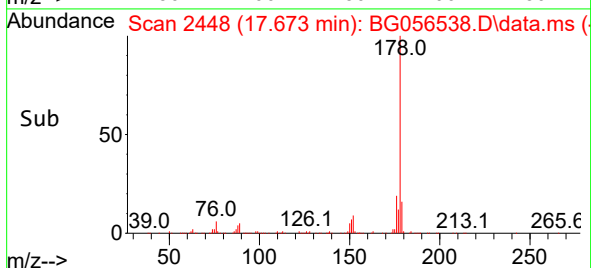
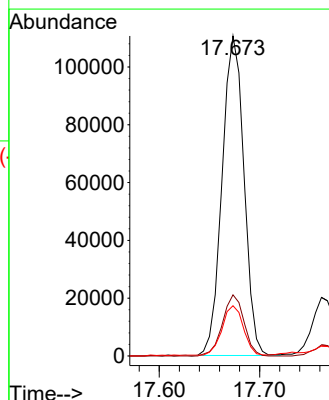
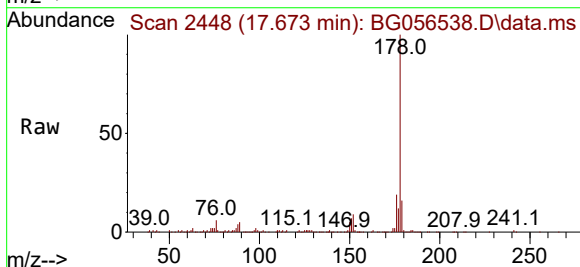
Tgt Ion:178 Resp: 167141

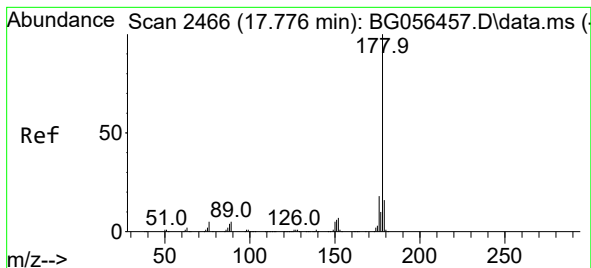
Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.7 13.3 19.9





#72

Anthracene

Concen: 2.491 ng

RT: 17.762 min Scan# 2466

Delta R.T. -0.009 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

Instrument :

BNA_G

ClientSampleId :

72-12013

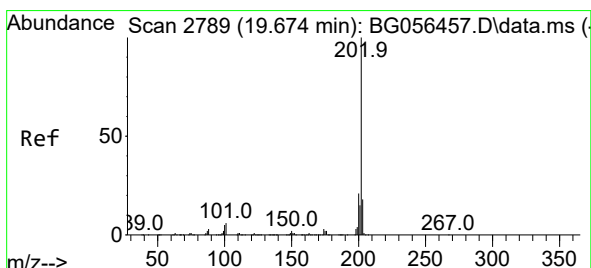
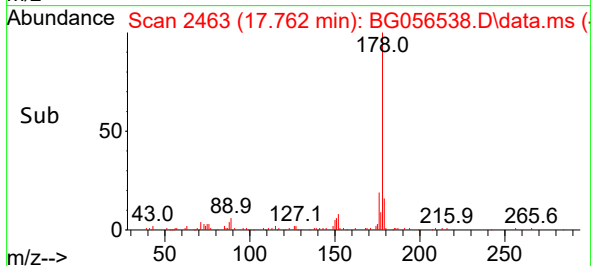
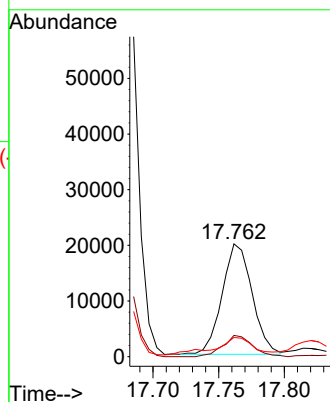
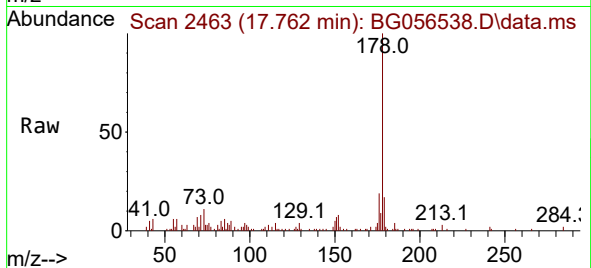
Tgt Ion:178 Resp: 31581

Ion Ratio Lower Upper

178 100

176 18.8 14.5 21.7

179 17.0 12.5 18.7



#75

Fluoranthene

Concen: 22.297 ng

RT: 19.665 min Scan# 2787

Delta R.T. -0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

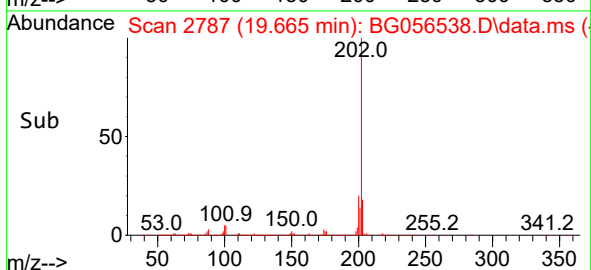
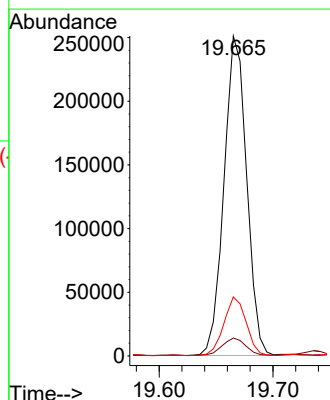
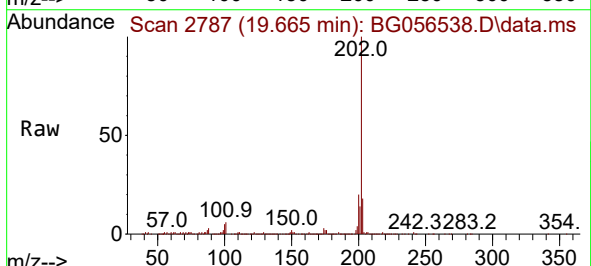
Tgt Ion:202 Resp: 347515

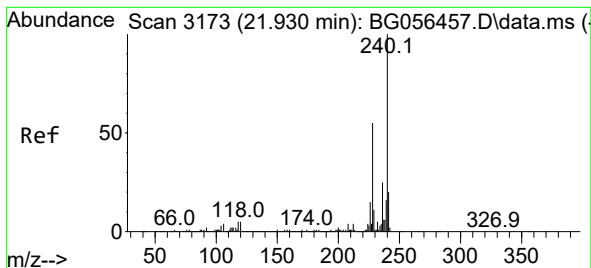
Ion Ratio Lower Upper

202 100

101 5.6 0.0 25.6

203 18.4 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.921 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

Instrument :

BNA_G

ClientSampleId :

72-12013

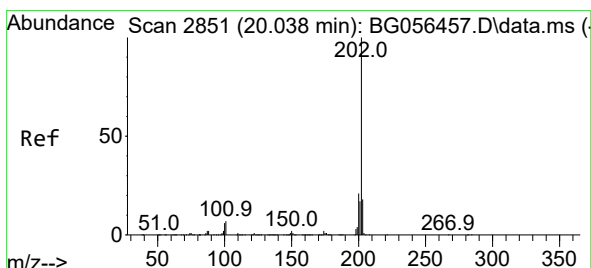
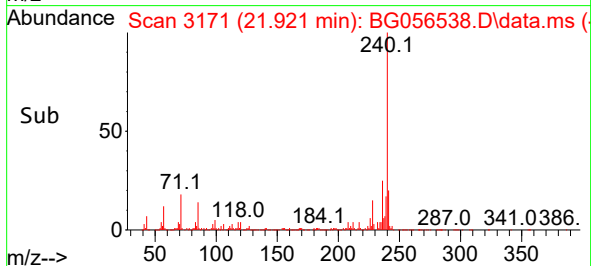
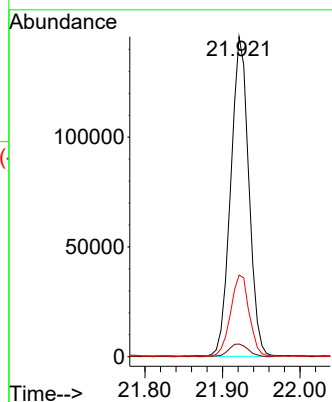
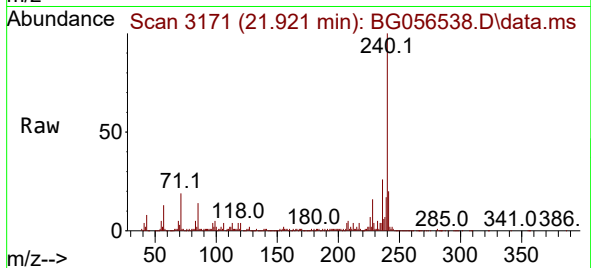
Tgt Ion:240 Resp: 236144

Ion Ratio Lower Upper

240 100

120 3.9 3.8 5.8

236 25.5 20.2 30.2



#78

Pyrene

Concen: 19.641 ng

RT: 20.030 min Scan# 2849

Delta R.T. -0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

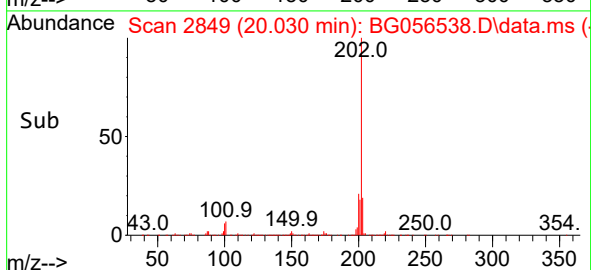
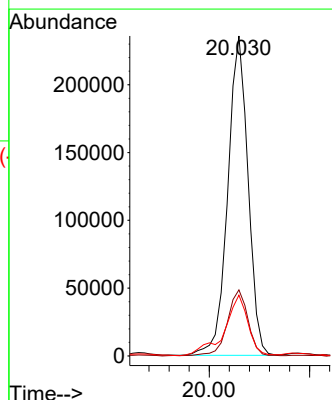
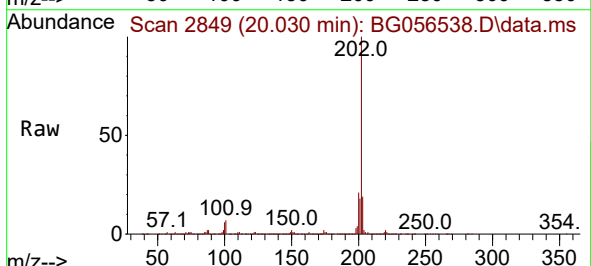
Tgt Ion:202 Resp: 329867

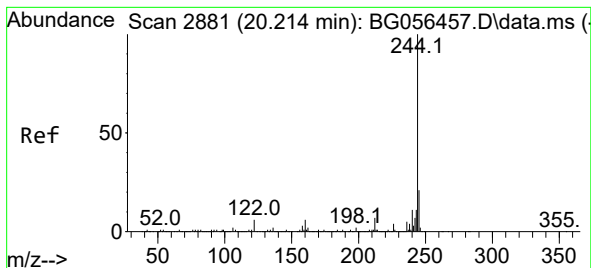
Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 19.0 14.4 21.6





#79

Terphenyl-d14

Concen: 63.870 ng

RT: 20.212 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

Instrument :

BNA_G

ClientSampleId :

72-12013

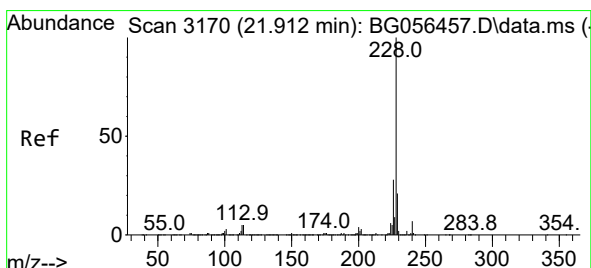
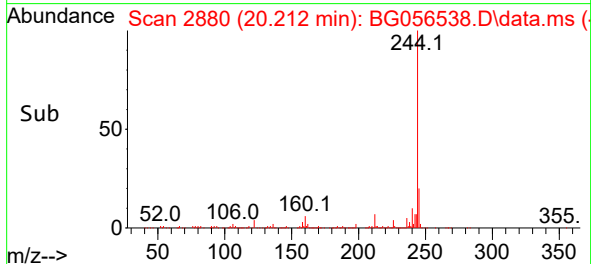
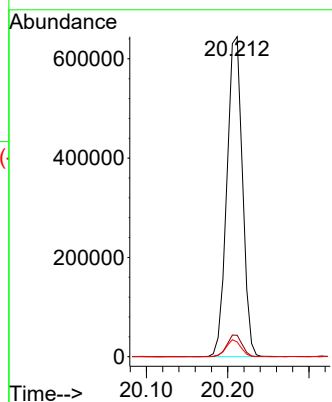
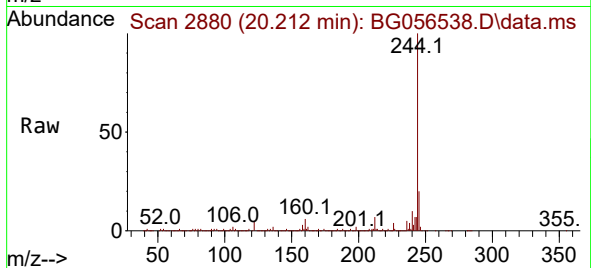
Tgt Ion:244 Resp: 858730

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 4.6 4.4 6.6



#81

Benzo(a)anthracene

Concen: 9.309 ng

RT: 21.904 min Scan# 3168

Delta R.T. 0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

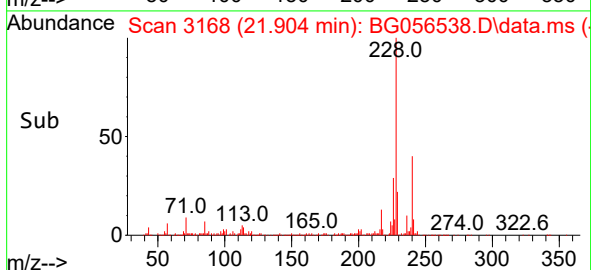
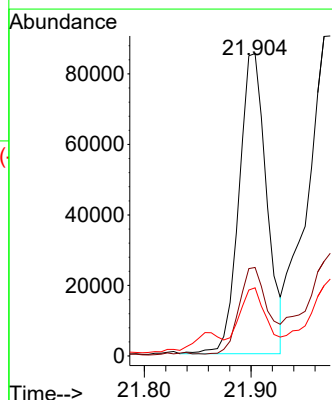
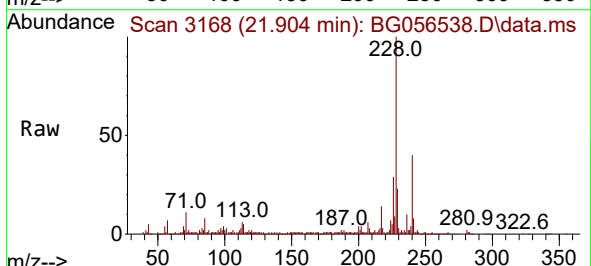
Tgt Ion:228 Resp: 153687

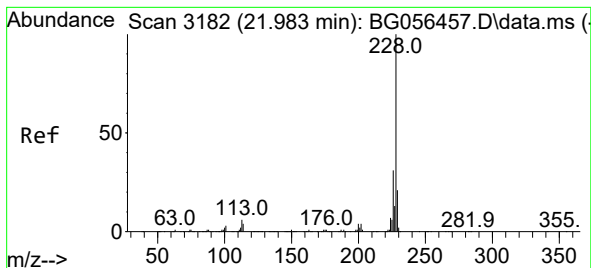
Ion Ratio Lower Upper

228 100

226 29.2 22.4 33.6

229 22.6 16.5 24.7





#83

Chrysene

Concen: 12.685 ng

RT: 21.974 min Scan# 3180

Delta R.T. -0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

Instrument :

BNA_G

ClientSampleId :

72-12013

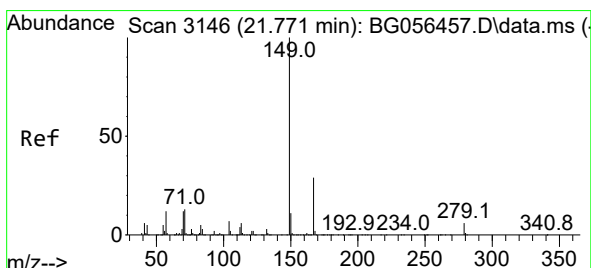
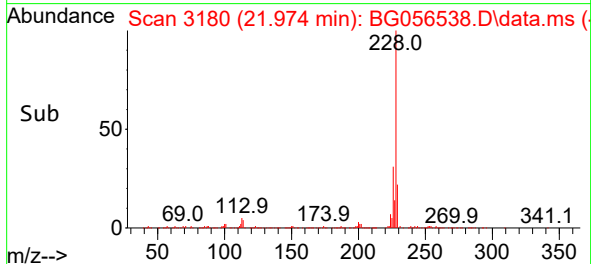
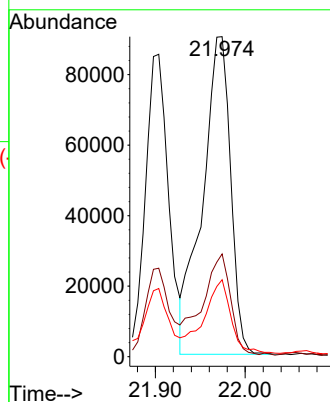
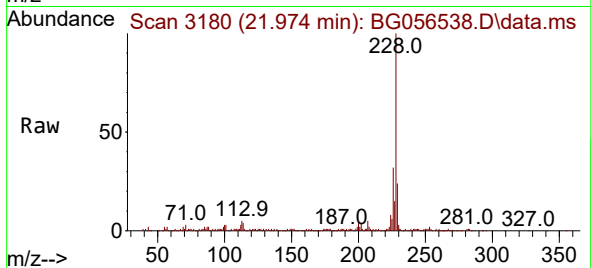
Tgt Ion:228 Resp: 196746

Ion Ratio Lower Upper

228 100

226 32.1 25.0 37.4

229 24.0 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.357 ng

RT: 21.763 min Scan# 3144

Delta R.T. -0.003 min

Lab File: BG056538.D

Acq: 3 Feb 2023 14:28

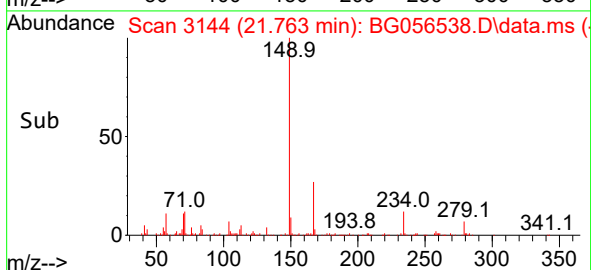
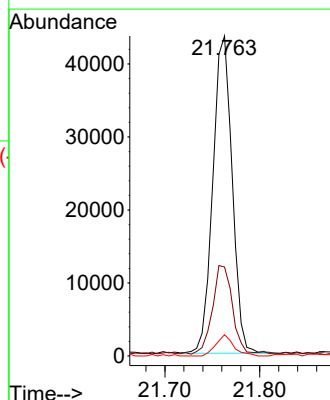
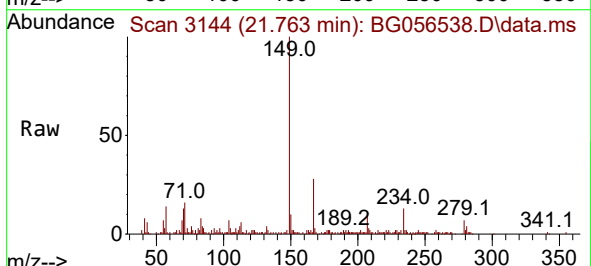
Tgt Ion:149 Resp: 61458

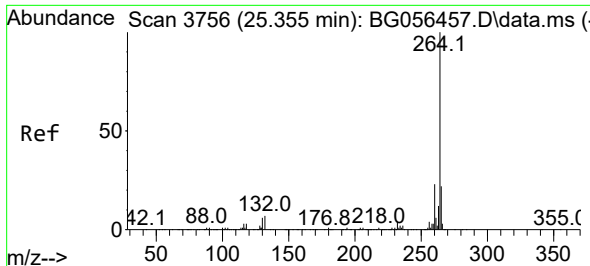
Ion Ratio Lower Upper

149 100

167 27.8 23.4 35.2

279 6.6 4.4 6.6#

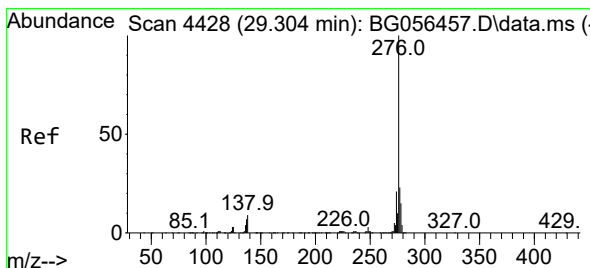
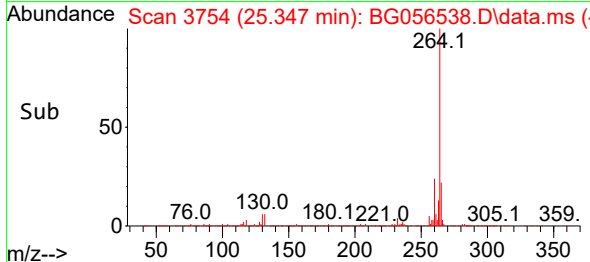
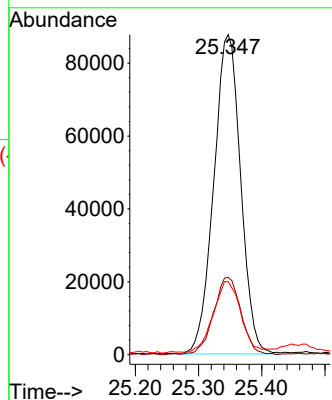
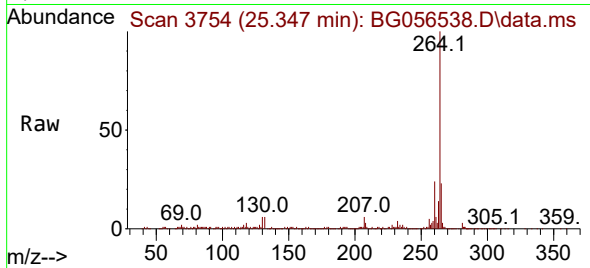




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.347 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

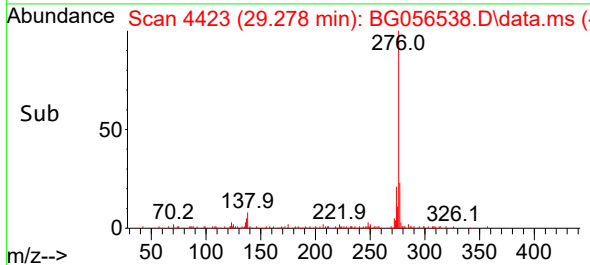
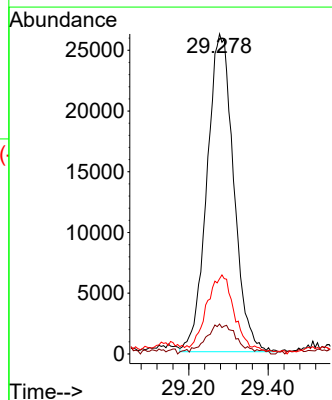
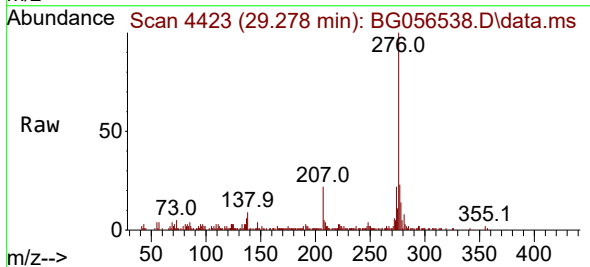
Instrument :
BNA_G
ClientSampleId :
72-12013

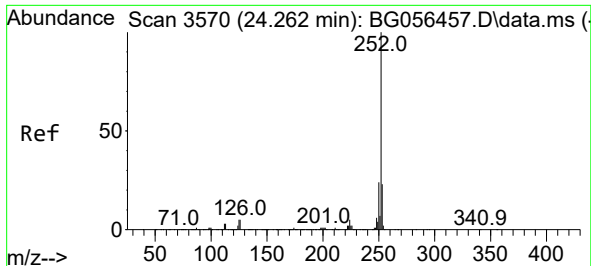
Tgt Ion:264 Resp: 258339
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.4
265 22.8 18.1 27.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.461 ng
RT: 29.278 min Scan# 4423
Delta R.T. -0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Tgt Ion:276 Resp: 122189
Ion Ratio Lower Upper
276 100
138 10.9 9.4 14.2
277 24.7 20.3 30.5

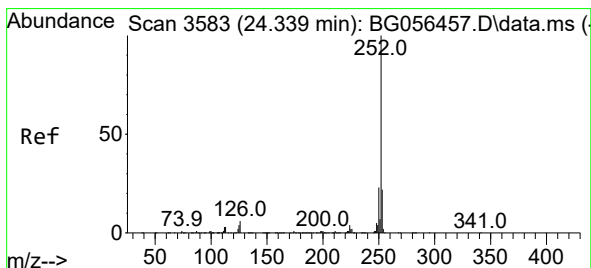
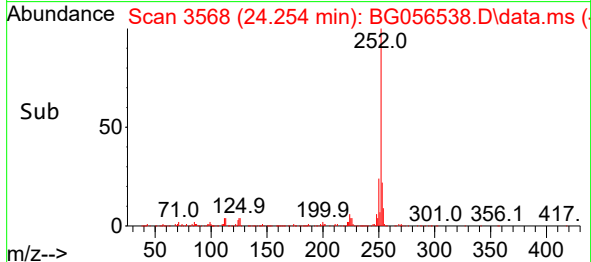
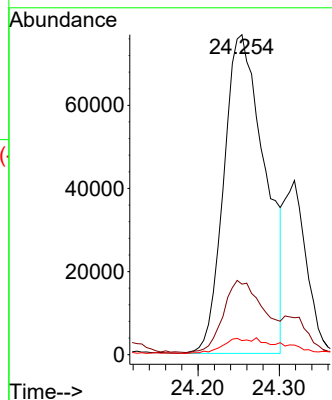
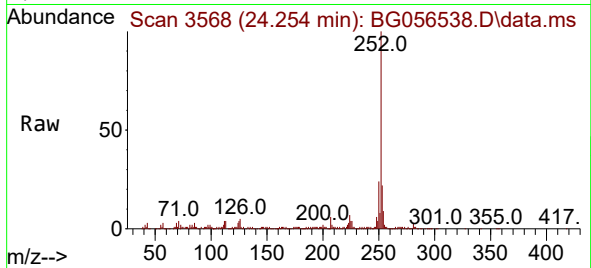




#88
Benzo(b)fluoranthene
Concen: 16.862 ng
RT: 24.254 min Scan# 3568
Delta R.T. 0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

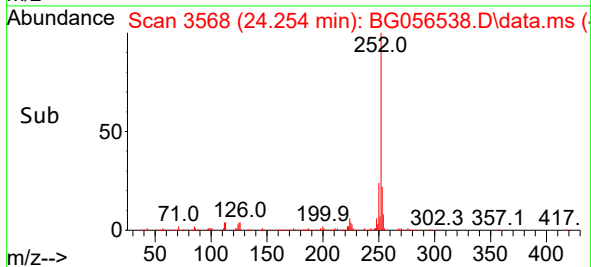
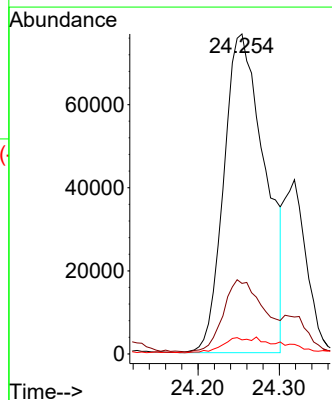
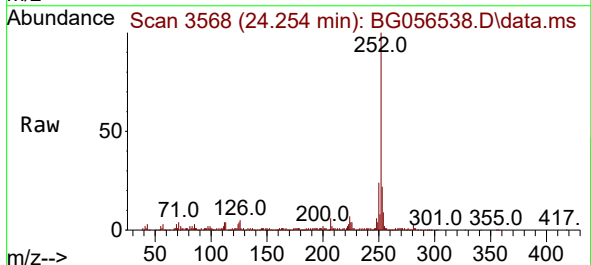
Instrument :
BNA_G
ClientSampleId :
72-12013

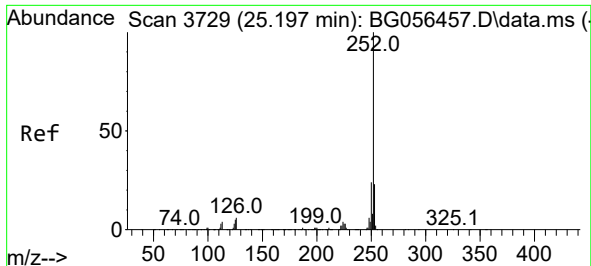
Tgt Ion:252 Resp: 270386
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 4.4 3.9 5.9



#89
Benzo(k)fluoranthene
Concen: 16.701 ng
RT: 24.254 min Scan# 3568
Delta R.T. -0.067 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Tgt Ion:252 Resp: 270386
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 4.4 3.4 5.0

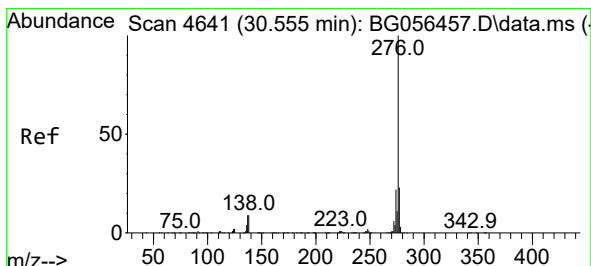
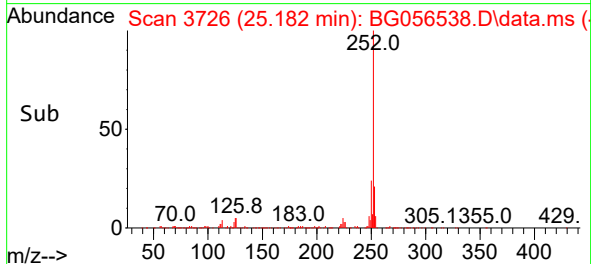
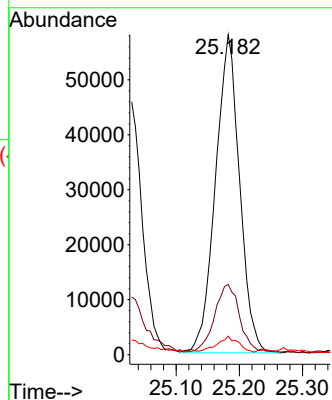
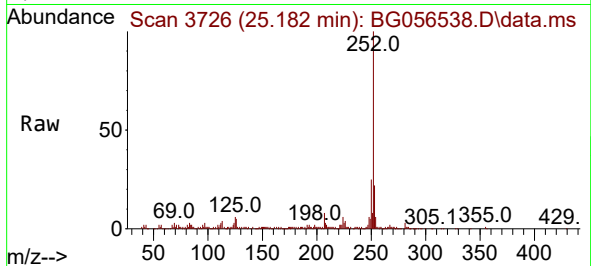




#90
Benzo(a)pyrene
Concen: 9.697 ng
RT: 25.182 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Instrument :
BNA_G
ClientSampleId :
72-12013

Tgt Ion:252 Resp: 153168
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 5.8 4.1 6.1



#92
Benzo(g,h,i)perylene
Concen: 7.779 ng
RT: 30.523 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BG056538.D
Acq: 3 Feb 2023 14:28

Tgt Ion:276 Resp: 119143
Ion Ratio Lower Upper
276 100
277 24.1 18.5 27.7
138 11.0 7.4 11.0#

