

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056567.D
 Acq On : 7 Feb 2023 14:37
 Operator : CG/JU
 Sample : 01462-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Feb 08 03:05:40 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 08 03:02:11 2023
 Response via : Initial Calibration

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

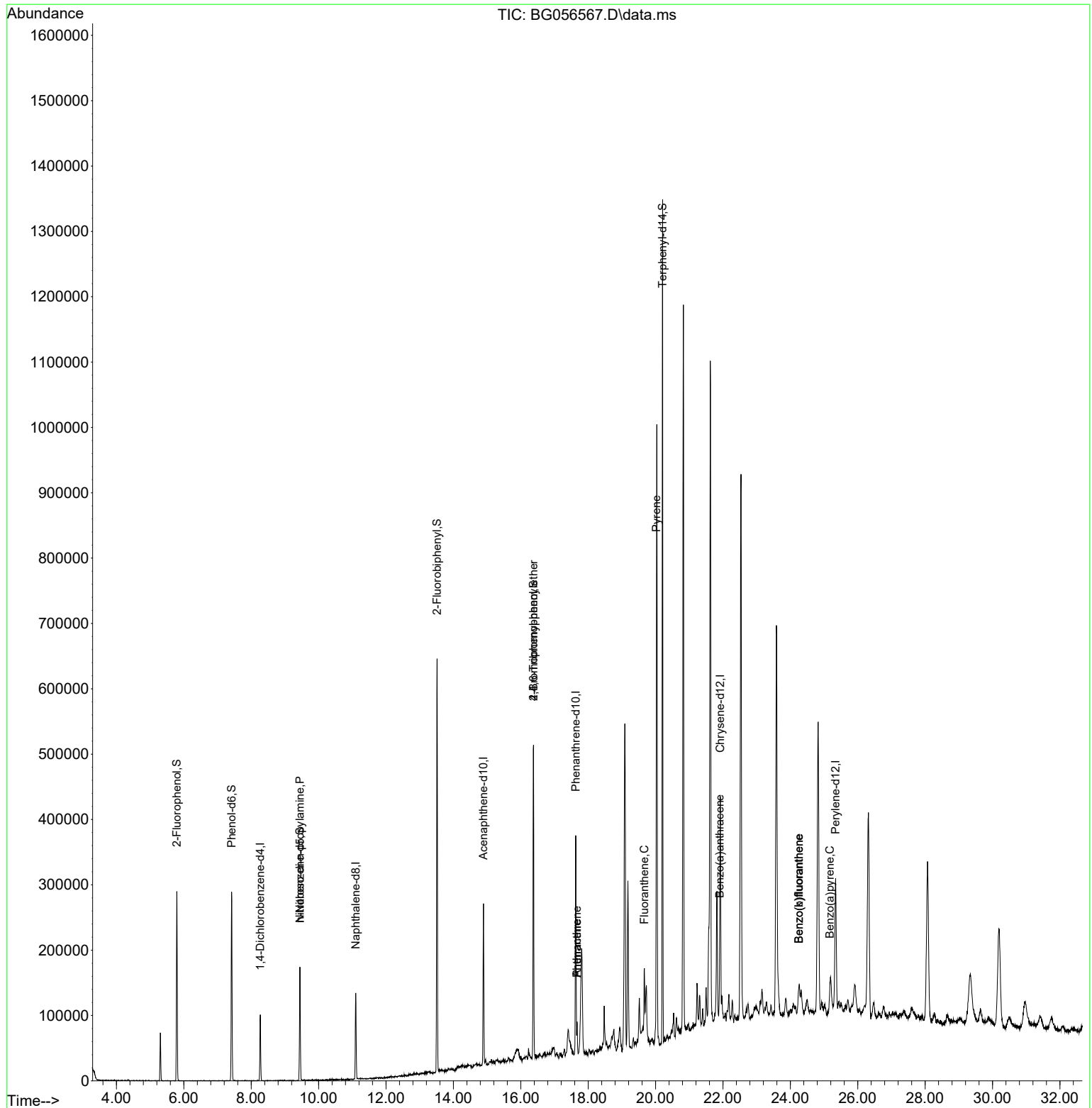
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	33036	20.000	ng	# 0.00
21) Naphthalene-d8	11.102	136	120570	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	92238	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	231157	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	227537	20.000	ng	0.00
86) Perylene-d12	25.344	264	250143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	165918	92.390	ng	0.00
7) Phenol-d6	7.418	99	227909	85.653	ng	0.00
23) Nitrobenzene-d5	9.445	82	119863	56.452	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	103901	84.731	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	362123	54.431	ng	0.00
79) Terphenyl-d14	20.209	244	693117	53.502	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.412	77	285	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.445	70	15282	9.966 ng	#	75
67) 4-Bromophenyl-phenylether	16.378	248	8146	2.753 ng	#	1
71) Phenanthrene	17.671	178	31714	2.621 ng		97
72) Anthracene	17.671	178	31714	2.554 ng		97
75) Fluoranthene	19.668	202	65579	4.295 ng		97
78) Pyrene	20.027	202	58556	3.618 ng		98
81) Benzo(a)anthracene	21.901	228	34151	2.147 ng		96
88) Benzo(b)fluoranthene	24.251	252	41651	2.683 ng	#	92
89) Benzo(k)fluoranthene	24.251	252	41651	2.657 ng	#	91
90) Benzo(a)pyrene	25.174	252	30730	2.009 ng	#	95

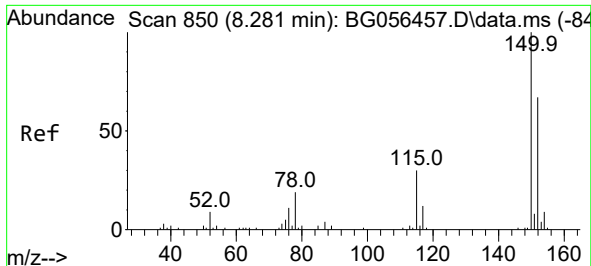
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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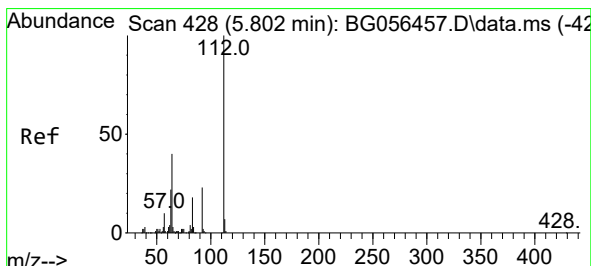
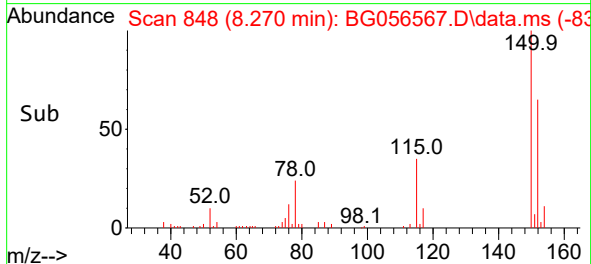
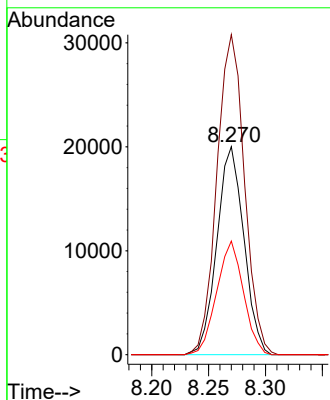
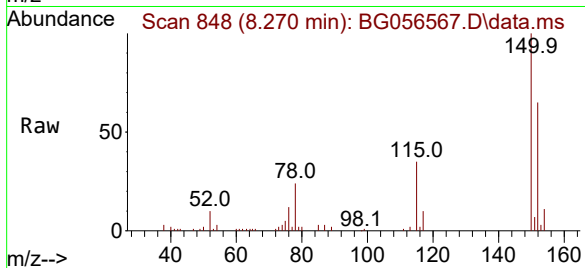




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

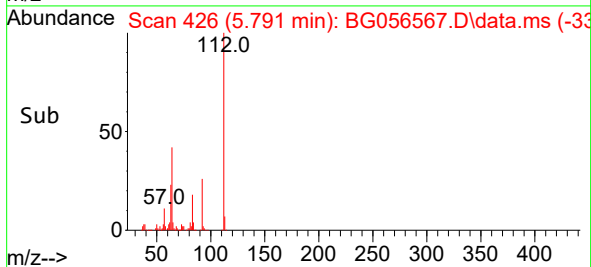
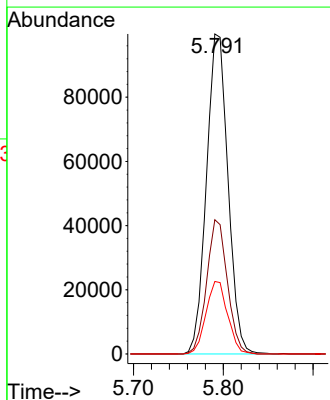
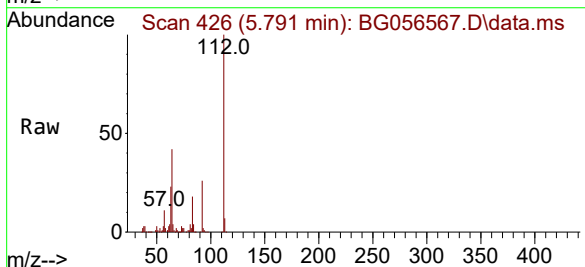
Instrument :
BNA_G
ClientSampleId :
COMP-1

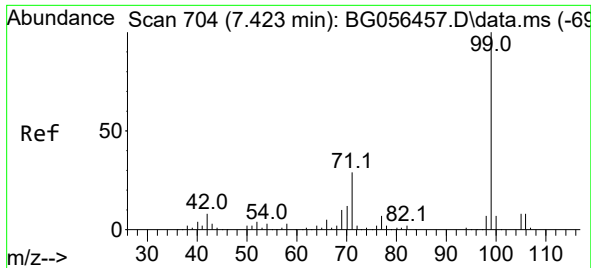
Tgt Ion:152 Resp: 33036
Ion Ratio Lower Upper
152 100
150 153.8 120.2 180.4
115 54.6 36.3 54.5#



#5
2-Fluorophenol
Concen: 92.390 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

Tgt Ion:112 Resp: 165918
Ion Ratio Lower Upper
112 100
64 41.9 31.9 47.9
63 22.7 17.4 26.0

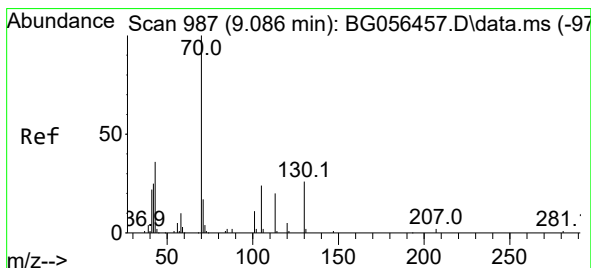
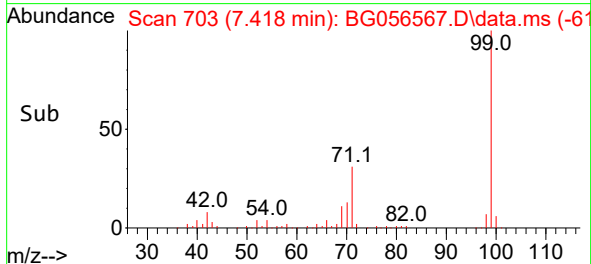
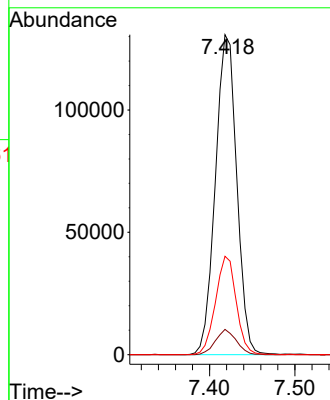
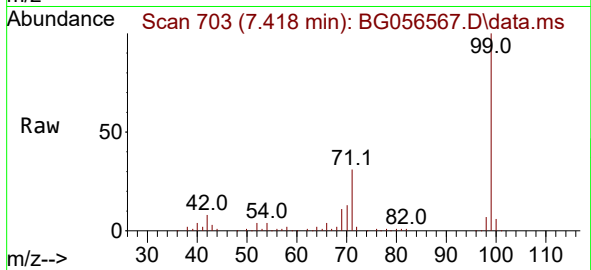




#7
Phenol-d6
Concen: 85.653 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

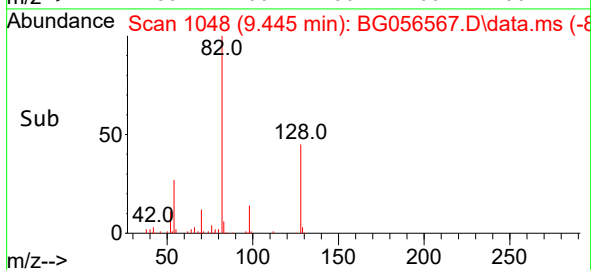
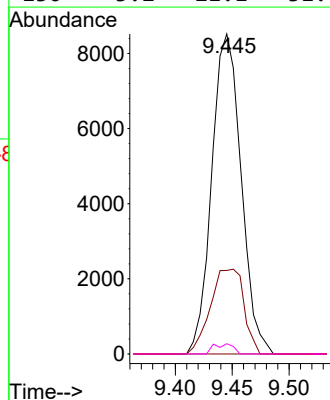
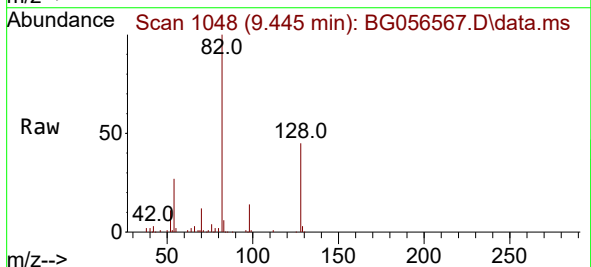
Instrument :
BNA_G
ClientSampleId :
COMP-1

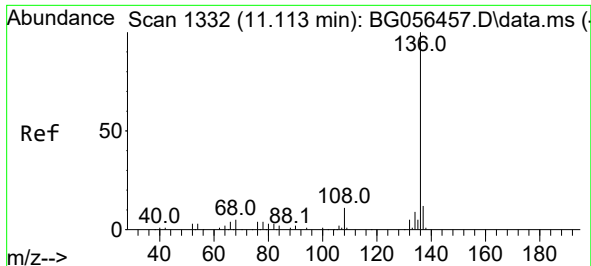
Tgt Ion: 99 Resp: 227909
Ion Ratio Lower Upper
99 100
42 7.9 6.6 10.0
71 30.7 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.966 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.371 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

Tgt Ion: 70 Resp: 15282
Ion Ratio Lower Upper
70 100
42 26.1 20.2 30.4
101 0.0 9.1 13.7#
130 3.2 21.1 31.7#

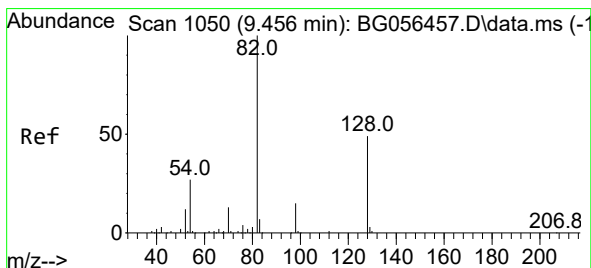
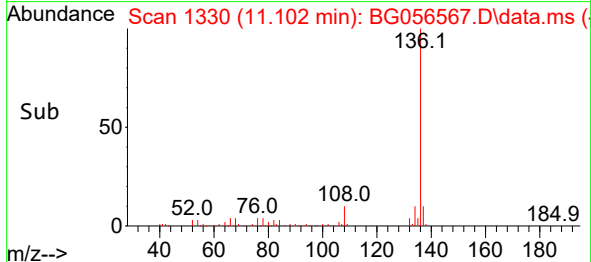
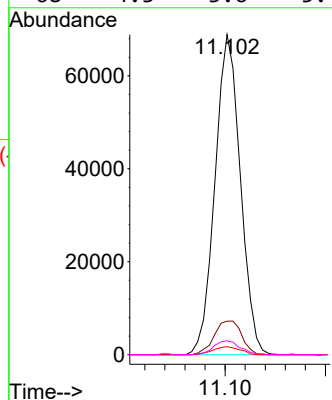
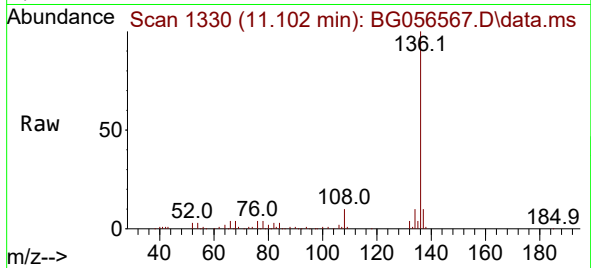




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

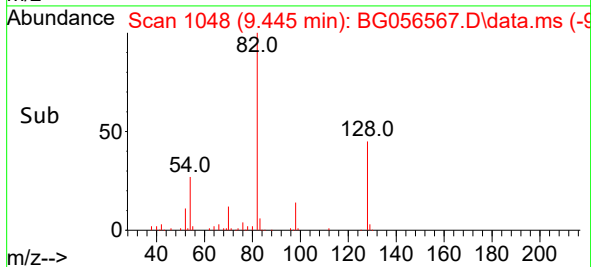
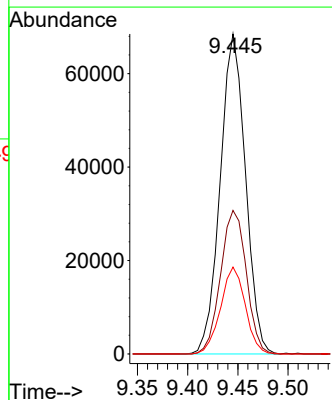
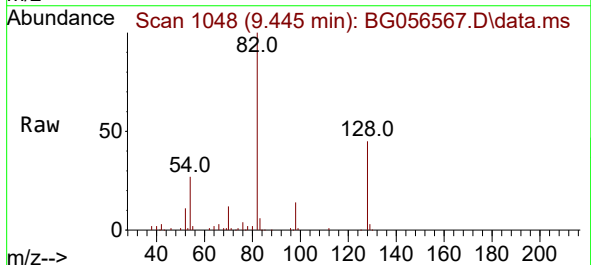
Instrument :
BNA_G
ClientSampleId :
COMP-1

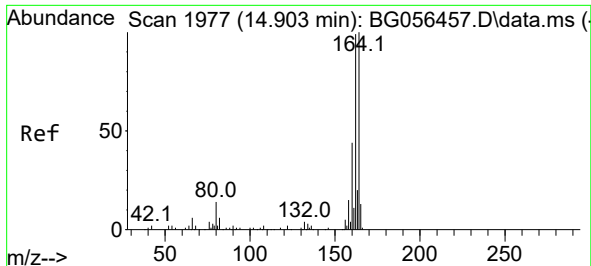
Tgt Ion:136 Resp: 120570
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 2.5 2.2 3.4
68 4.3 3.6 5.4



#23
Nitrobenzene-d5
Concen: 56.452 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

Tgt Ion: 82 Resp: 119863
Ion Ratio Lower Upper
82 100
128 44.8 39.4 59.2
54 27.1 21.4 32.2

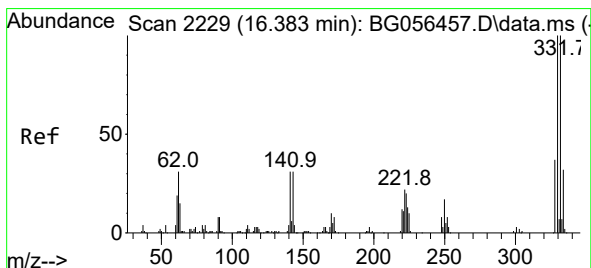
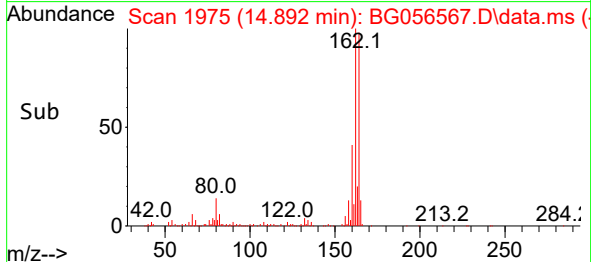
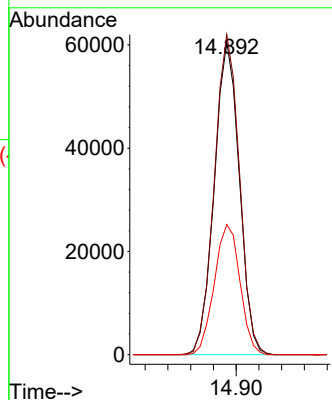
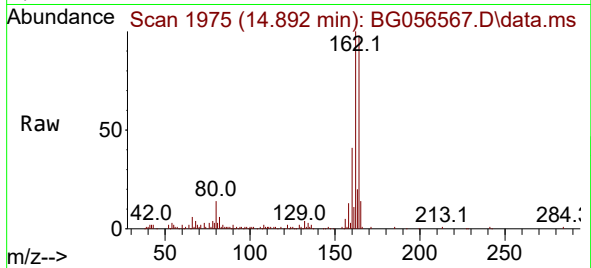




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

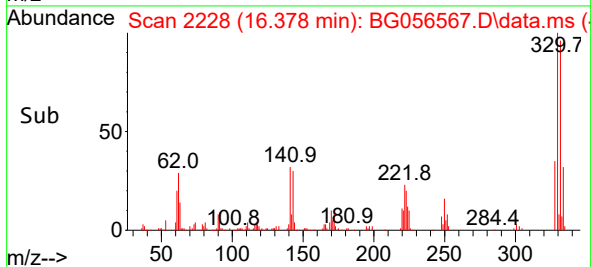
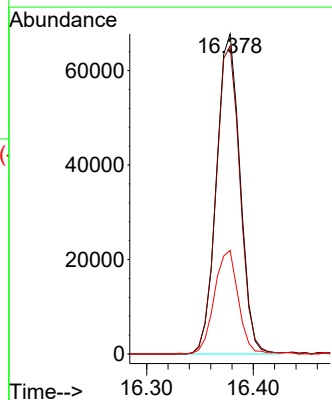
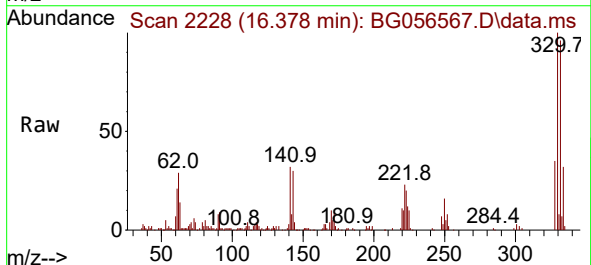
Instrument :
BNA_G
ClientSampleId :
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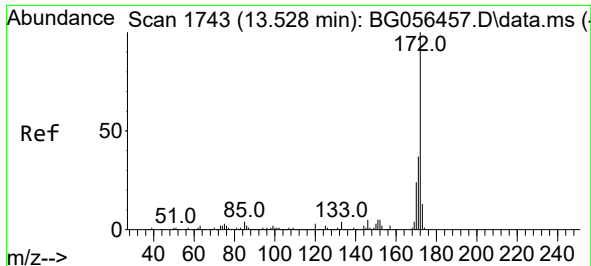
Tgt Ion:164 Resp: 92238
Ion Ratio Lower Upper
164 100
162 102.3 79.6 119.4
160 41.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 84.731 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

Tgt Ion:330 Resp: 103901
Ion Ratio Lower Upper
330 100
332 97.7 79.0 118.6
141 33.0 24.2 36.4

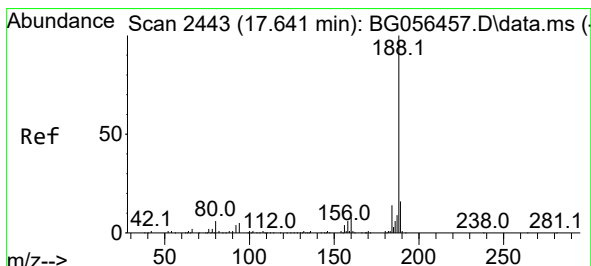
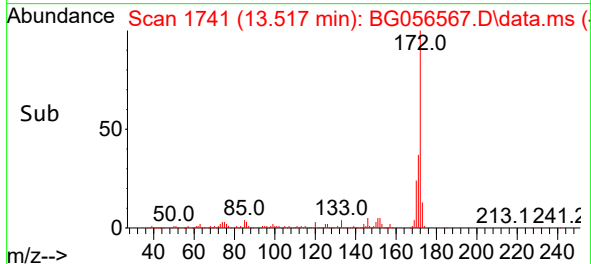
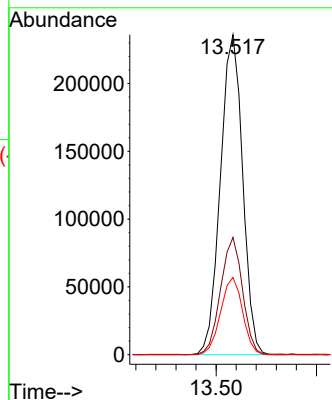
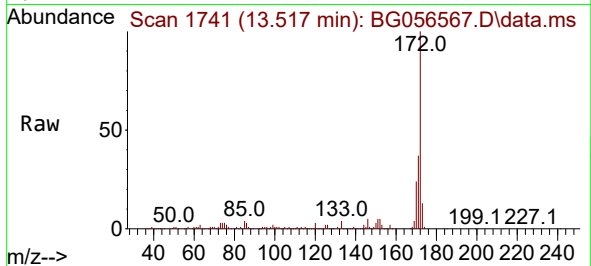




#45
2-Fluorobiphenyl
Concen: 54.431 ng
RT: 13.517 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

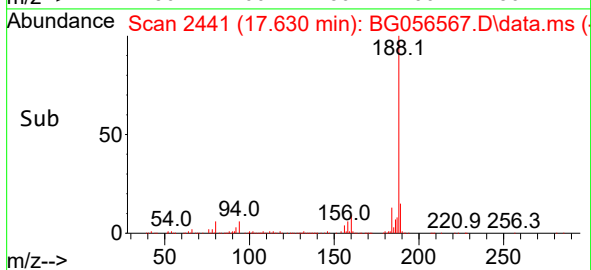
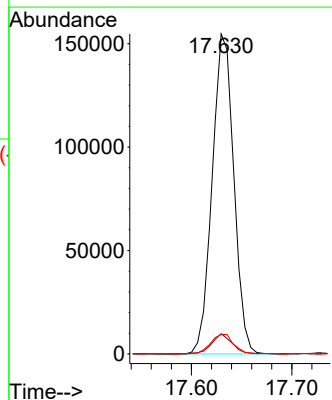
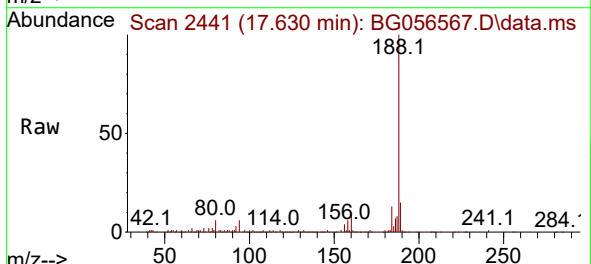
Instrument :
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ClientSampleId :
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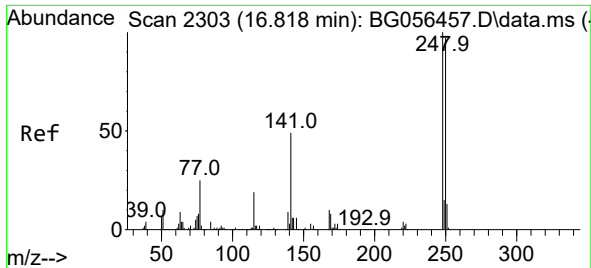
Tgt Ion:172 Resp: 362123
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 24.2 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

Tgt Ion:188 Resp: 231157
Ion Ratio Lower Upper
188 100
94 6.4 4.1 6.1#
80 6.1 5.0 7.4

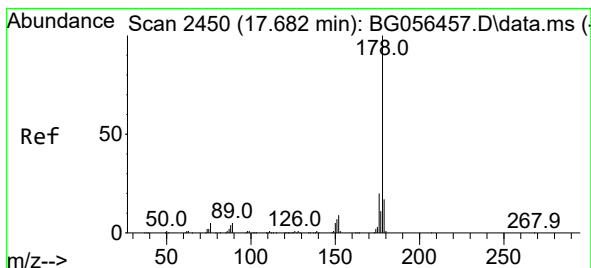
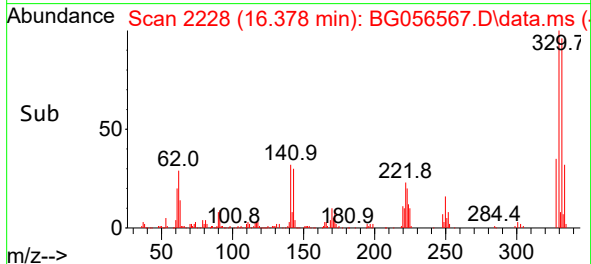
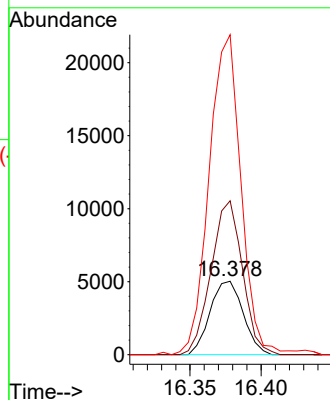
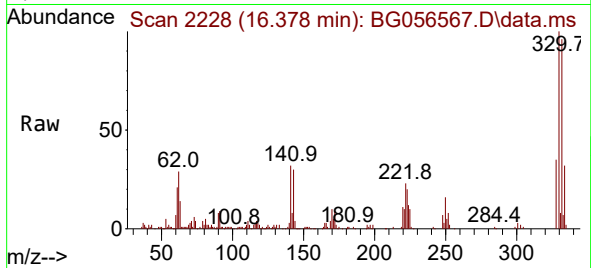




#67
4-Bromophenyl-phenylether
Concen: 2.753 ng
RT: 16.378 min Scan# 21
Delta R.T. -0.428 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

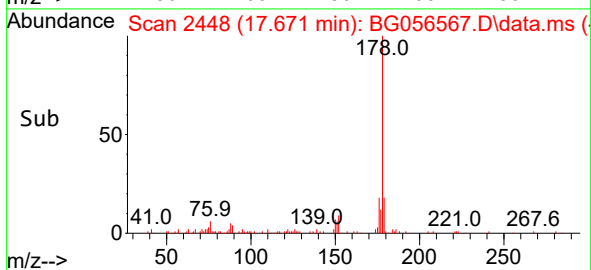
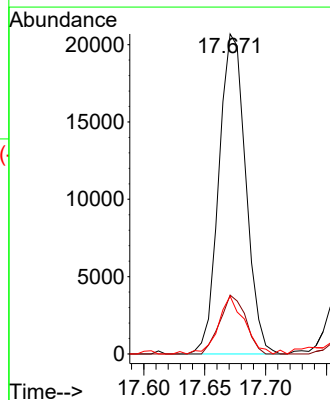
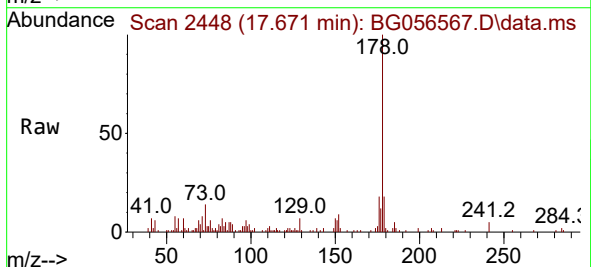
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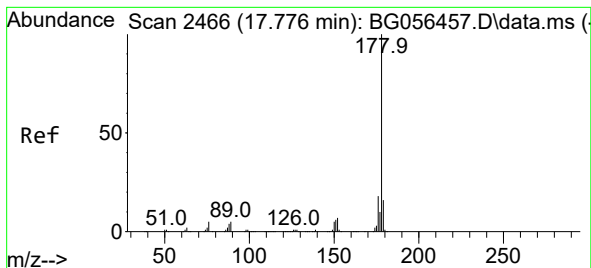
Tgt Ion:248 Resp: 8146
Ion Ratio Lower Upper
248 100
250 209.4 77.6 116.4#
141 435.3 39.0 58.4#



#71
Phenanthrene
Concen: 2.621 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.001 min
Lab File: BG056567.D
Acq: 7 Feb 2023 14:37

Tgt Ion:178 Resp: 31714
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 18.1 13.3 19.9





#72

Anthracene

Concen: 2.554 ng

RT: 17.671 min Scan# 2466

Delta R.T. -0.093 min

Lab File: BG056567.D

Acq: 7 Feb 2023 14:37

Instrument :

BNA_G

ClientSampleId :

COMP-1

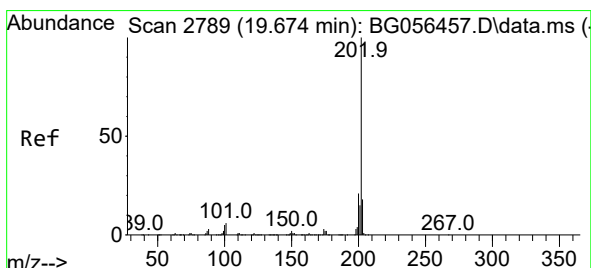
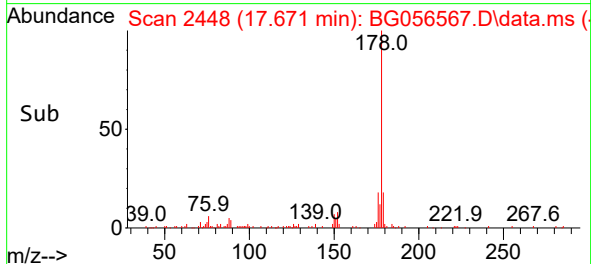
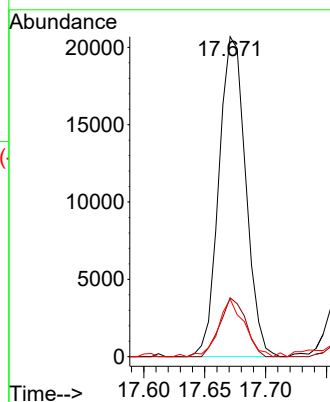
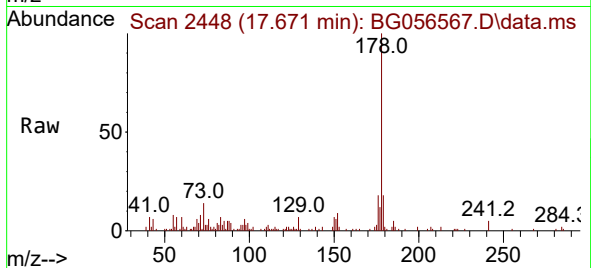
Tgt Ion:178 Resp: 31714

Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

179 18.1 12.5 18.7



#75

Fluoranthene

Concen: 4.295 ng

RT: 19.668 min Scan# 2788

Delta R.T. 0.001 min

Lab File: BG056567.D

Acq: 7 Feb 2023 14:37

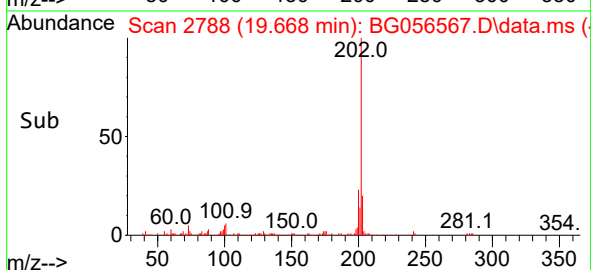
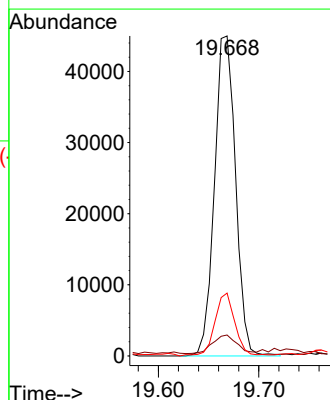
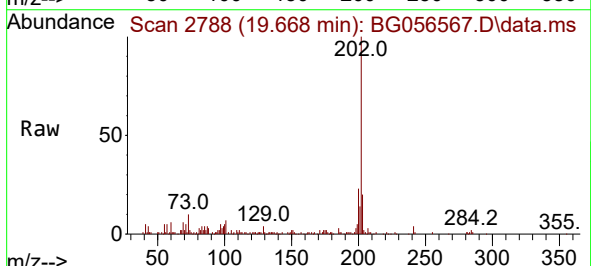
Tgt Ion:202 Resp: 65579

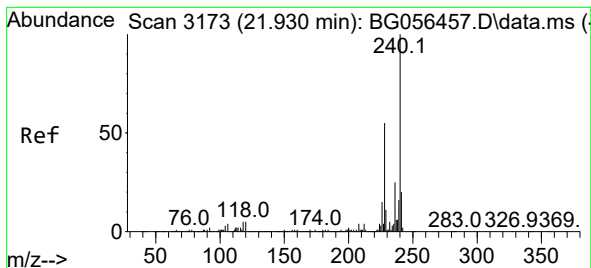
Ion Ratio Lower Upper

202 100

101 6.5 0.0 25.6

203 19.7 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.919 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056567.D

Acq: 7 Feb 2023 14:37

Instrument :

BNA_G

ClientSampleId :

COMP-1

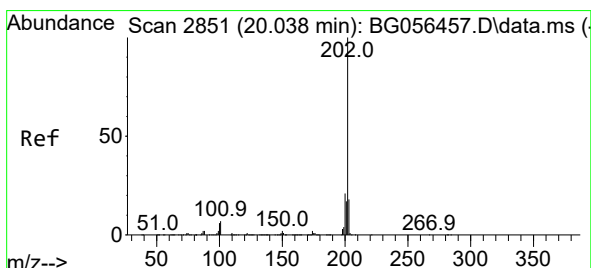
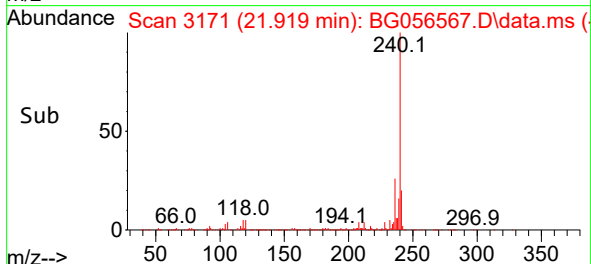
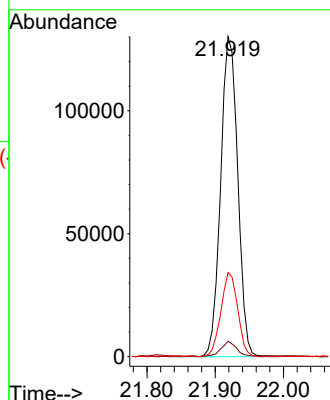
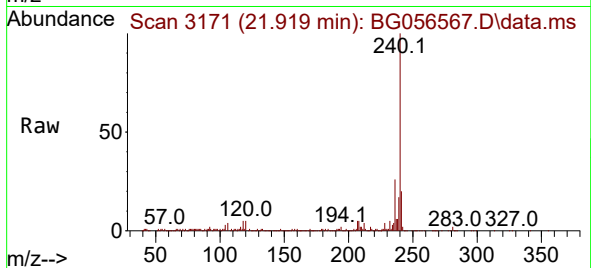
Tgt Ion:240 Resp: 227537

Ion Ratio Lower Upper

240 100

120 4.8 3.8 5.8

236 26.3 20.2 30.2



#78

Pyrene

Concen: 3.618 ng

RT: 20.027 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG056567.D

Acq: 7 Feb 2023 14:37

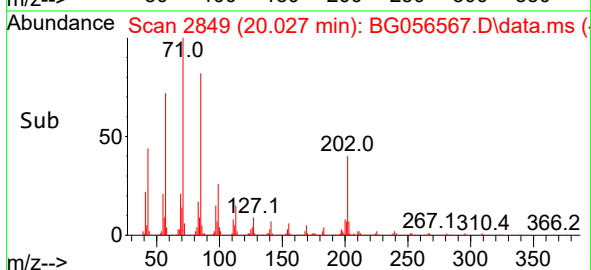
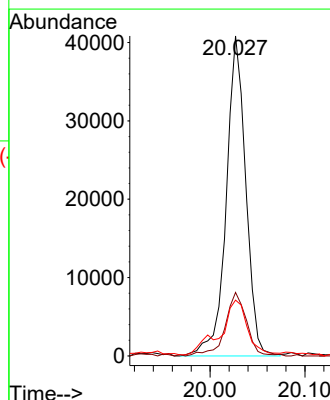
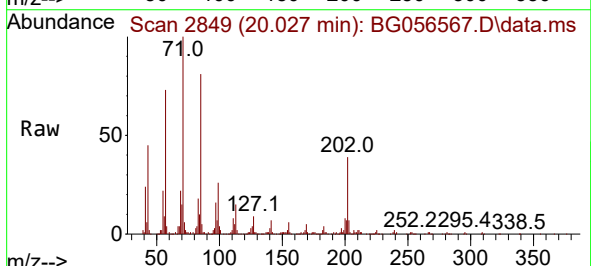
Tgt Ion:202 Resp: 58556

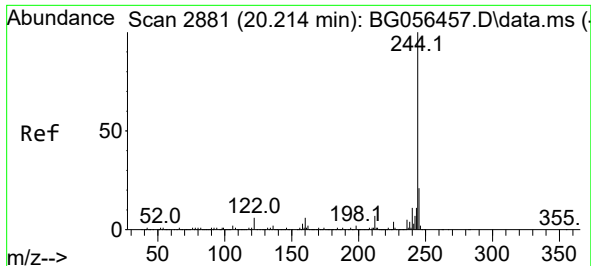
Ion Ratio Lower Upper

202 100

200 19.8 16.7 25.1

203 17.5 14.4 21.6

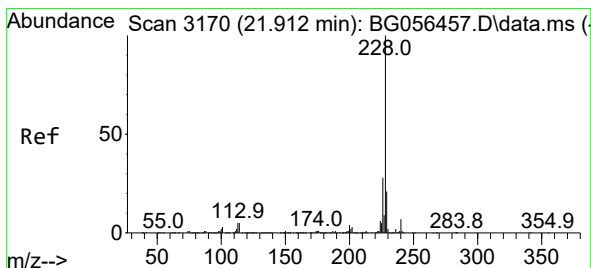
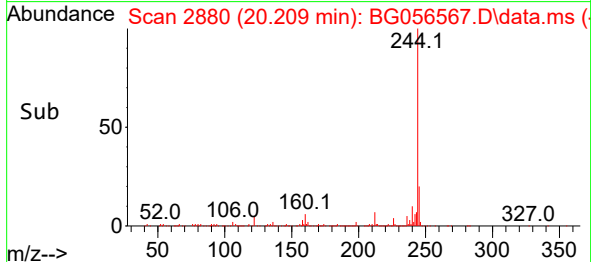
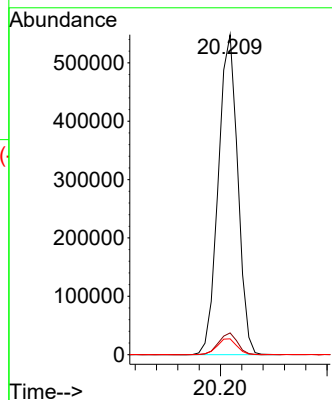
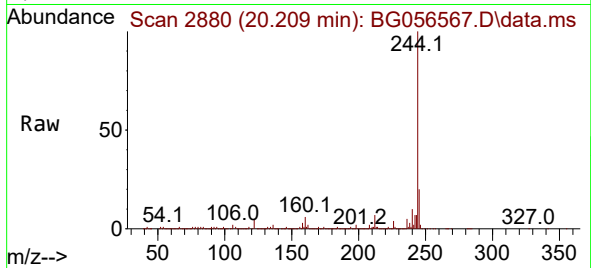




#79
 Terphenyl-d14
 Concen: 53.502 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056567.D
 Acq: 7 Feb 2023 14:37

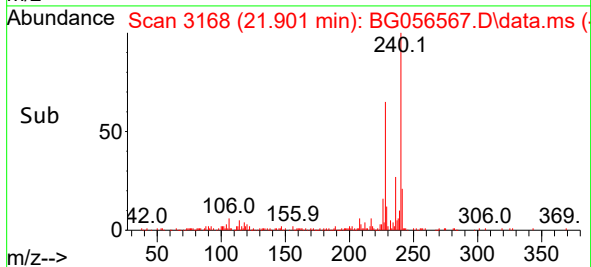
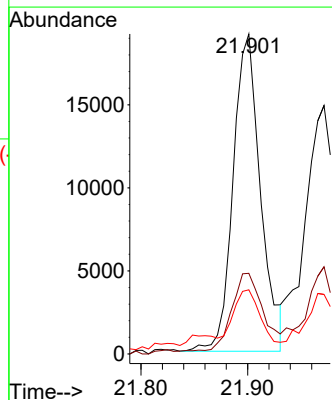
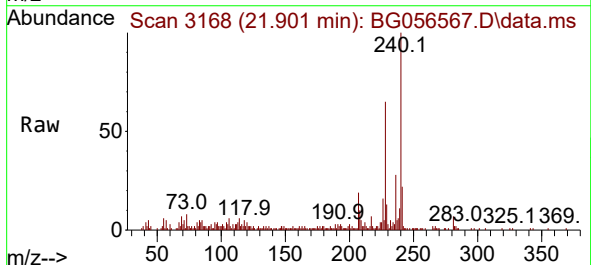
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

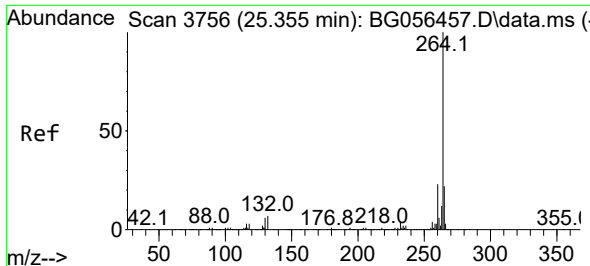
Tgt Ion:244 Resp: 693117
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 4.9 4.4 6.6



#81
 Benzo(a)anthracene
 Concen: 2.147 ng
 RT: 21.901 min Scan# 3168
 Delta R.T. 0.001 min
 Lab File: BG056567.D
 Acq: 7 Feb 2023 14:37

Tgt Ion:228 Resp: 34151
 Ion Ratio Lower Upper
 228 100
 226 25.2 22.4 33.6
 229 20.1 16.5 24.7

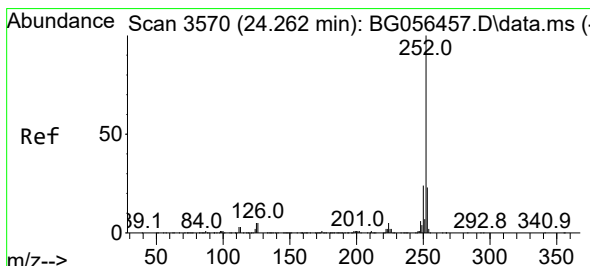
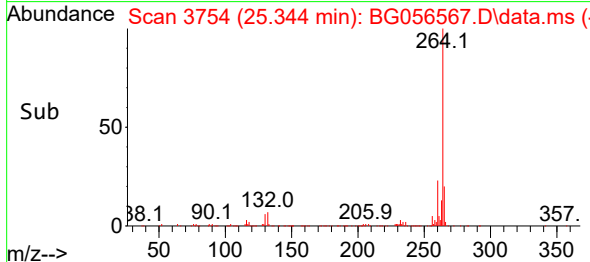
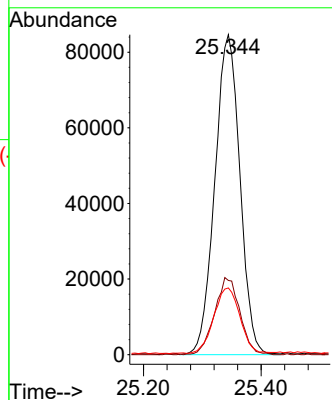
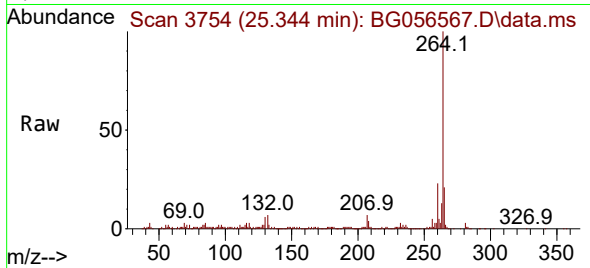




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BG056567.D
 Acq: 7 Feb 2023 14:37

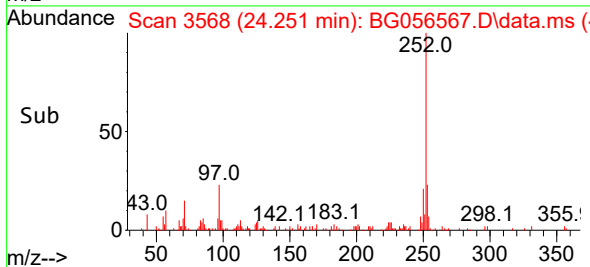
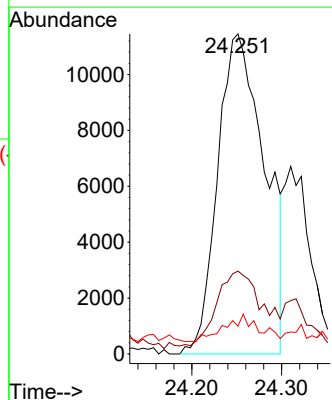
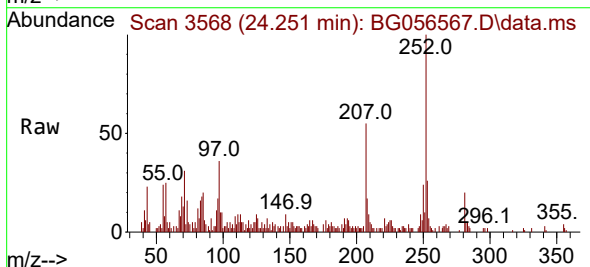
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

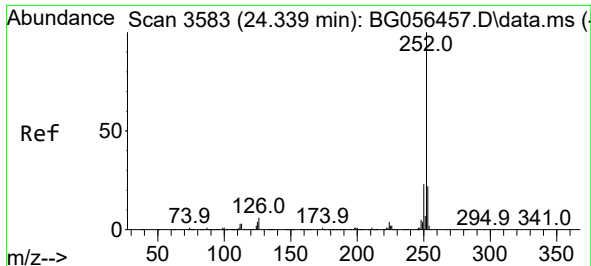
Tgt Ion:264 Resp: 250143
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.4
 265 20.8 18.1 27.1



#88
 Benzo(b)fluoranthene
 Concen: 2.683 ng
 RT: 24.251 min Scan# 3568
 Delta R.T. 0.001 min
 Lab File: BG056567.D
 Acq: 7 Feb 2023 14:37

Tgt Ion:252 Resp: 41651
 Ion Ratio Lower Upper
 252 100
 253 25.9 18.1 27.1
 125 8.7 3.9 5.9#





#89

Benzo(k)fluoranthene

Concen: 2.657 ng

RT: 24.251 min Scan# 31

Delta R.T. -0.070 min

Lab File: BG056567.D

Acq: 7 Feb 2023 14:37

Instrument :

BNA_G

ClientSampleId :

COMP-1

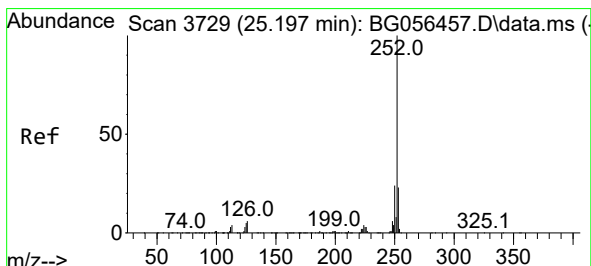
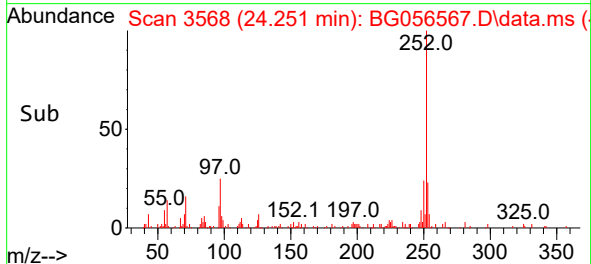
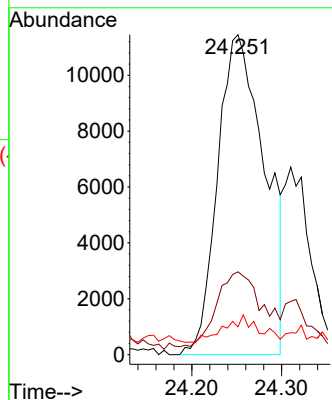
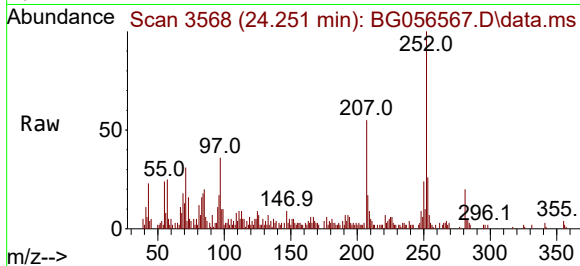
Tgt Ion:252 Resp: 41651

Ion Ratio Lower Upper

252 100

253 25.9 17.5 26.3

125 8.7 3.4 5.0#



#90

Benzo(a)pyrene

Concen: 2.009 ng

RT: 25.174 min Scan# 3725

Delta R.T. -0.005 min

Lab File: BG056567.D

Acq: 7 Feb 2023 14:37

Tgt Ion:252 Resp: 30730

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 12.9 4.1 6.1#

