

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055820.D
 Acq On : 29 Nov 2022 1:20
 Operator : CG/JU
 Sample : N5752-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-10S

Quant Time: Nov 29 02:17:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

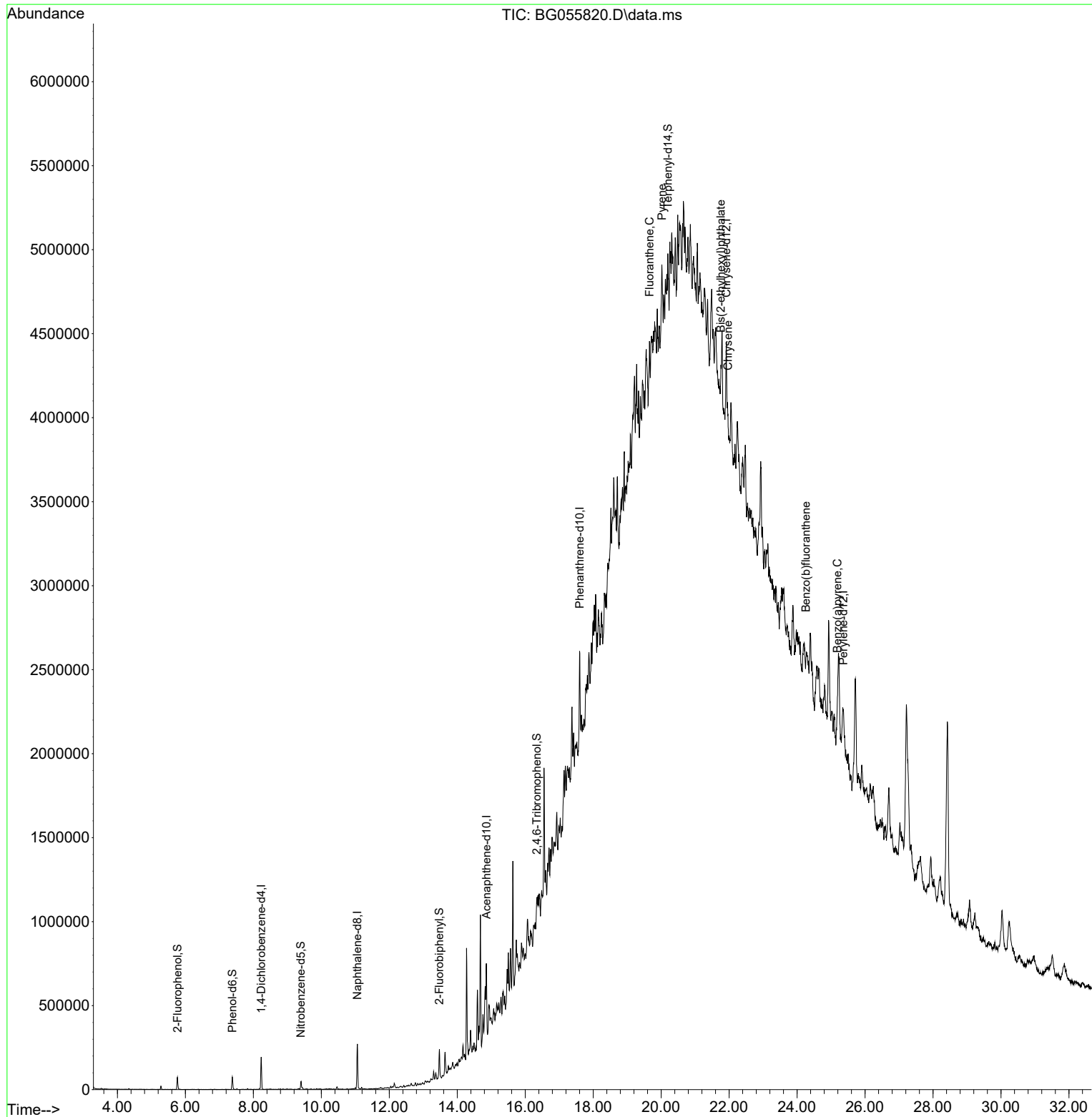
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	57005	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	228455	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	138922	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	260110	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	240601	20.000	ng	# 0.03
86) Perylene-d12	25.362	264	242542	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	34811	11.038	ng	0.00
7) Phenol-d6	7.383	99	45474	10.832	ng	0.00
23) Nitrobenzene-d5	9.398	82	28038	6.487	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	19774	10.108	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	75384	8.129	ng	0.00
79) Terphenyl-d14	20.198	244	97786	8.129	ng	0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.657	202	86896	5.089	ng	71
78) Pyrene	20.021	202	119404	7.332	ng	# 78
83) Chrysene	21.966	228	67686	4.290	ng	# 54
84) Bis(2-ethylhexyl)phtha...	21.755	149	53405	5.829	ng	# 72
88) Benzo(b)fluoranthene	24.263	252	86879	5.500	ng	# 1
90) Benzo(a)pyrene	25.186	252	35974	2.654	ng	# 1

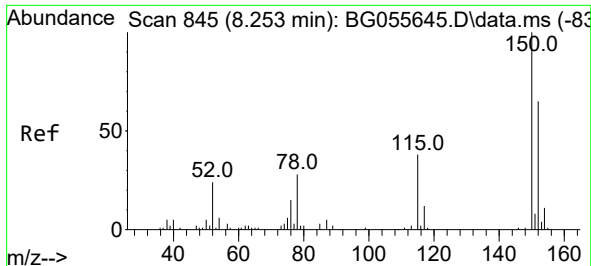
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
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Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-10S

Quant Time: Nov 29 02:17:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

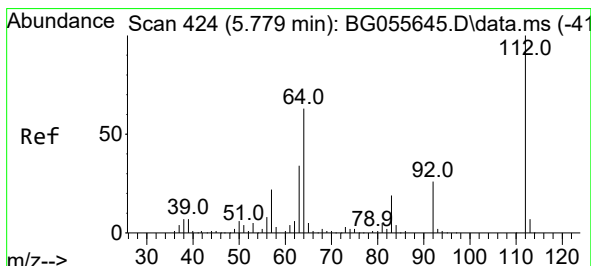
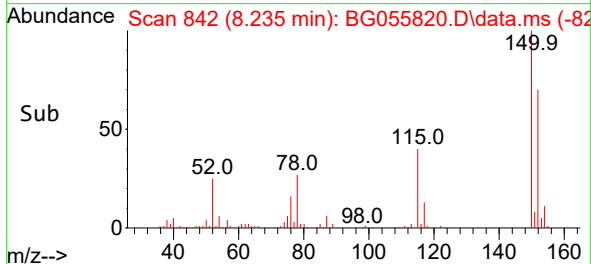
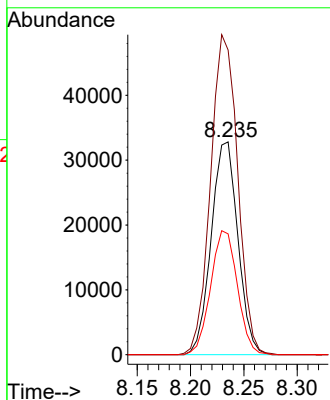
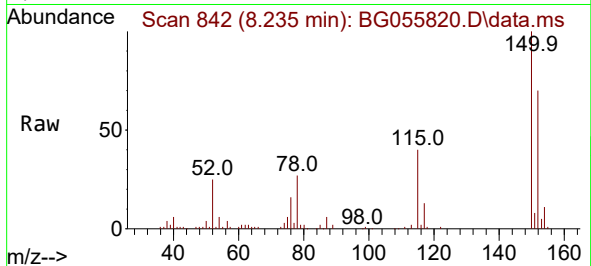




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG055820.D
Acq: 29 Nov 2022 1:20

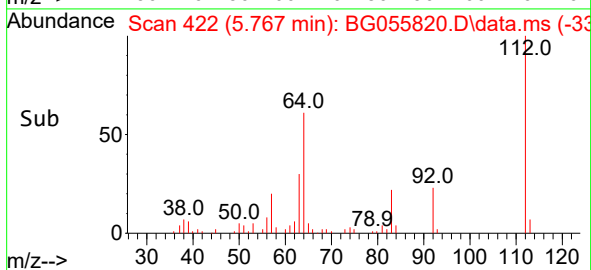
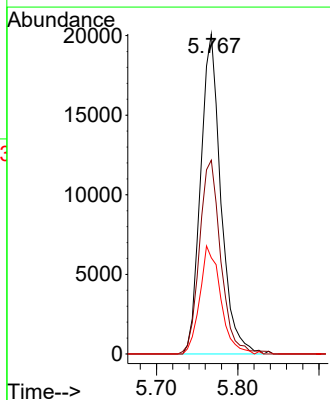
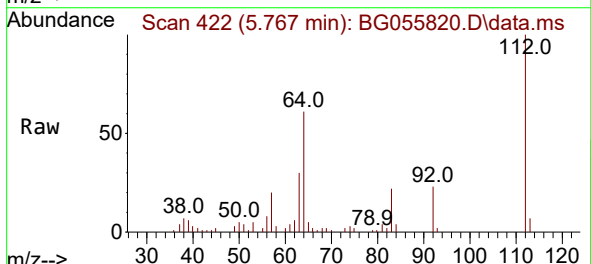
Instrument :
BNA_G
ClientSampleId :
B-10S

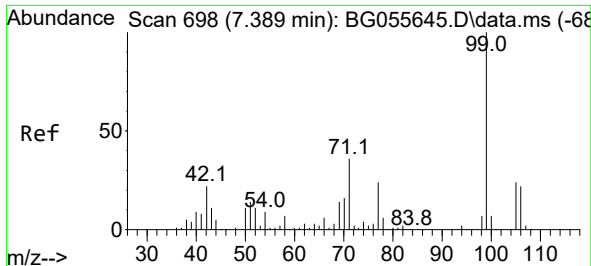
Tgt Ion:152 Resp: 57005
Ion Ratio Lower Upper
152 100
150 143.2 123.0 184.6
115 56.8 47.0 70.4



#5
2-Fluorophenol
Concen: 11.038 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.010 min
Lab File: BG055820.D
Acq: 29 Nov 2022 1:20

Tgt Ion:112 Resp: 34811
Ion Ratio Lower Upper
112 100
64 60.6 50.6 76.0
63 30.0 27.5 41.3

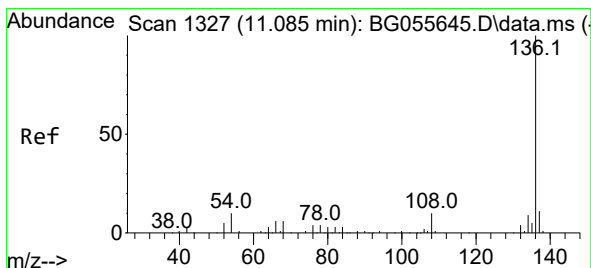
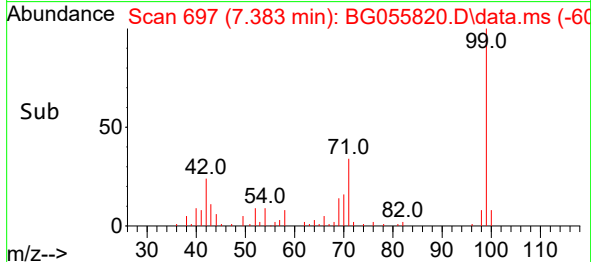
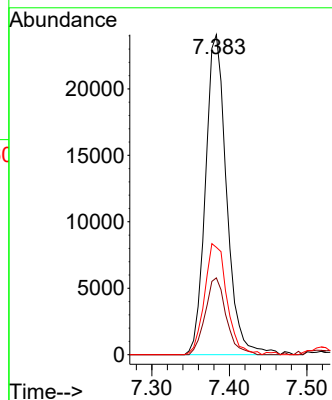
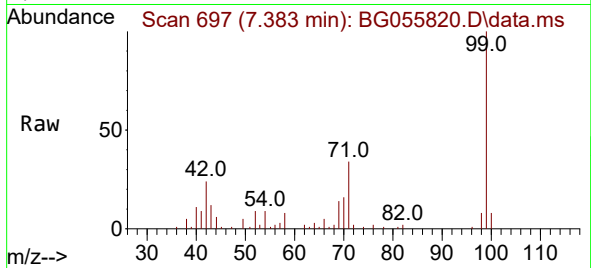




#7
Phenol-d6
Concen: 10.832 ng
RT: 7.383 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG055820.D
Acq: 29 Nov 2022 1:20

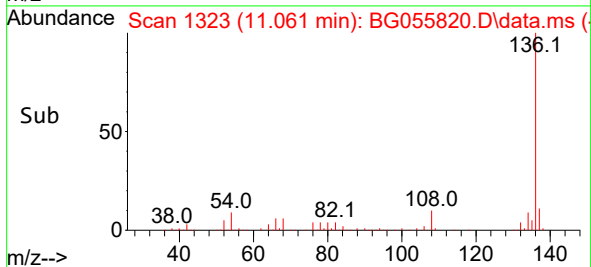
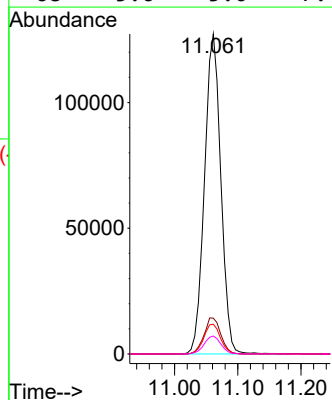
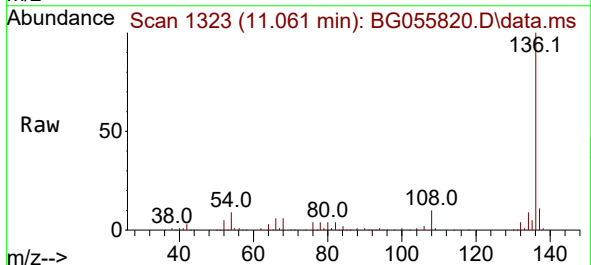
Instrument :
BNA_G
ClientSampleId :
B-10S

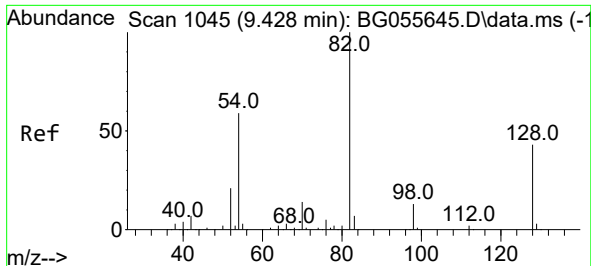
Tgt Ion: 99 Resp: 45474
Ion Ratio Lower Upper
99 100
42 24.0 18.0 27.0
71 33.5 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.002 min
Lab File: BG055820.D
Acq: 29 Nov 2022 1:20

Tgt Ion:136 Resp: 228455
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.3 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 6.487 ng

RT: 9.398 min Scan# 1040

Delta R.T. -0.008 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

Instrument :

BNA_G

ClientSampleId :

B-10S

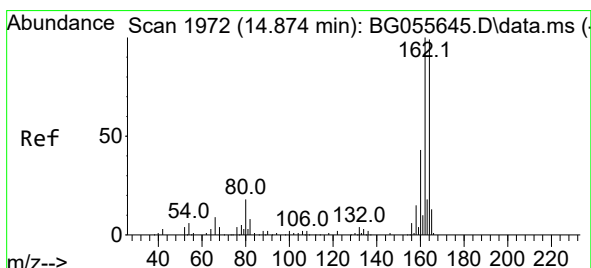
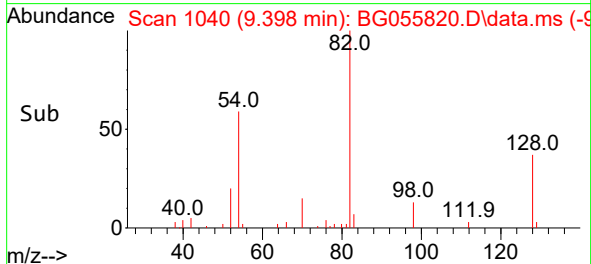
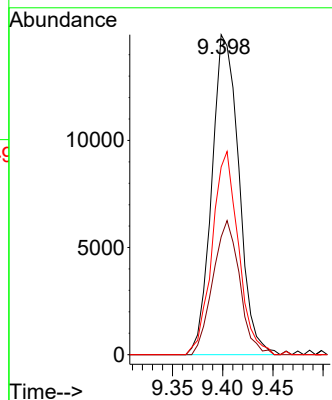
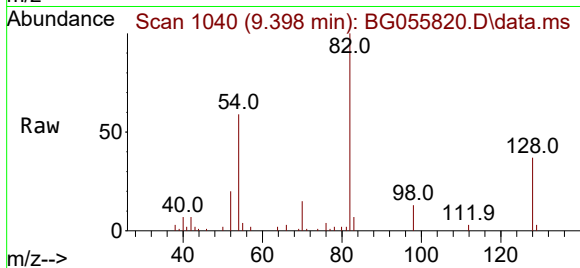
Tgt Ion: 82 Resp: 28038

Ion Ratio Lower Upper

82 100

128 36.8 34.1 51.1

54 58.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.002 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

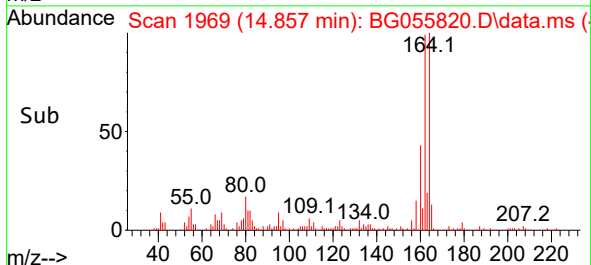
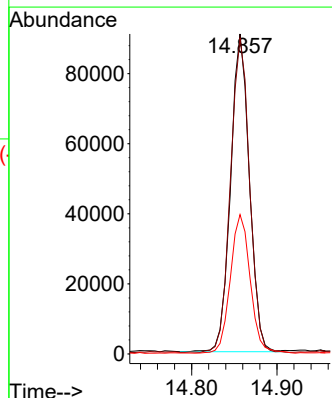
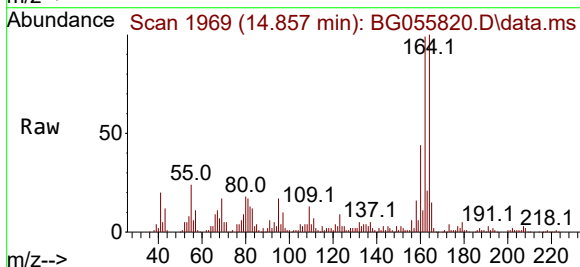
Tgt Ion:164 Resp: 138922

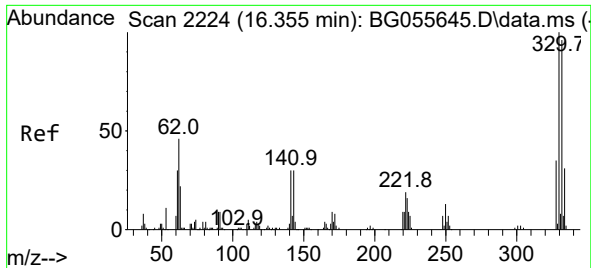
Ion Ratio Lower Upper

164 100

162 98.7 81.1 121.7

160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 10.108 ng

RT: 16.343 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

Instrument :

BNA_G

ClientSampleId :

B-10S

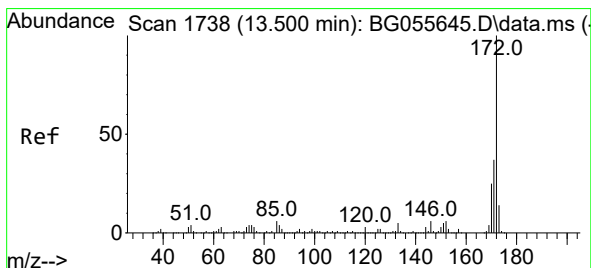
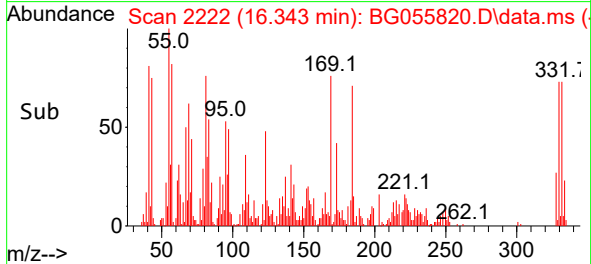
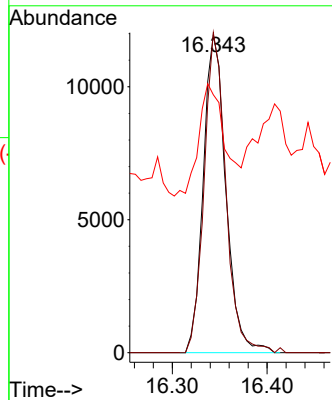
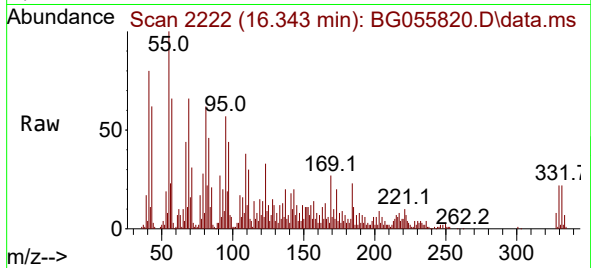
Tgt Ion:330 Resp: 19774

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.8

141 38.6 23.9 35.9#



#45

2-Fluorobiphenyl

Concen: 8.129 ng

RT: 13.476 min Scan# 1734

Delta R.T. -0.008 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

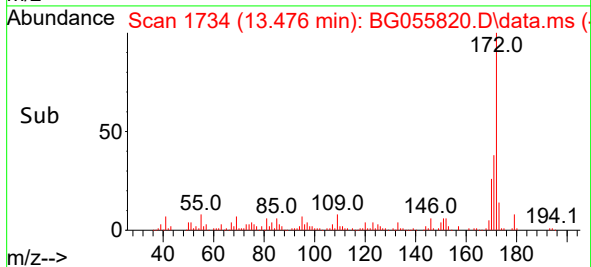
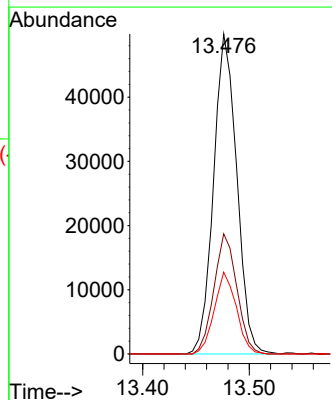
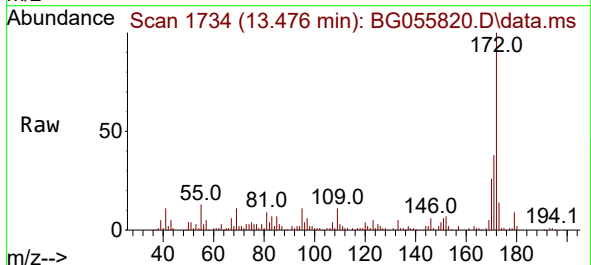
Tgt Ion:172 Resp: 75384

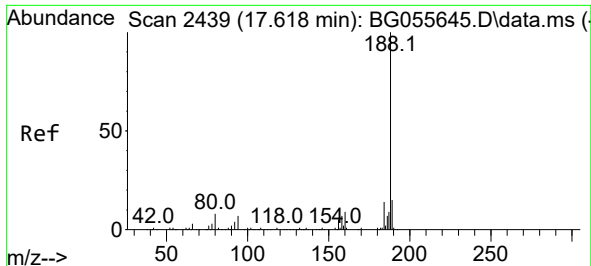
Ion Ratio Lower Upper

172 100

171 37.6 29.8 44.6

170 25.6 20.2 30.4

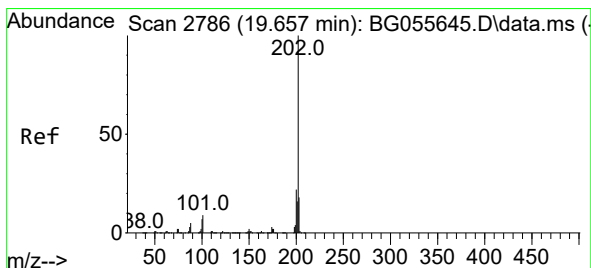
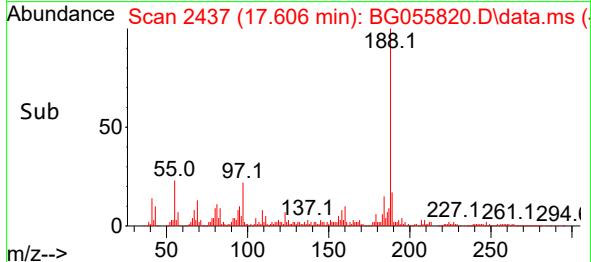
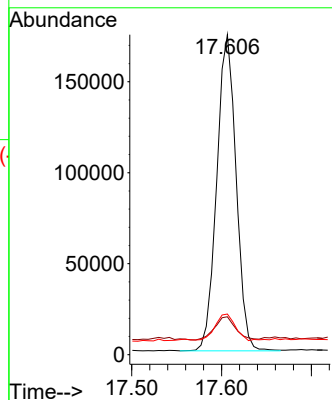
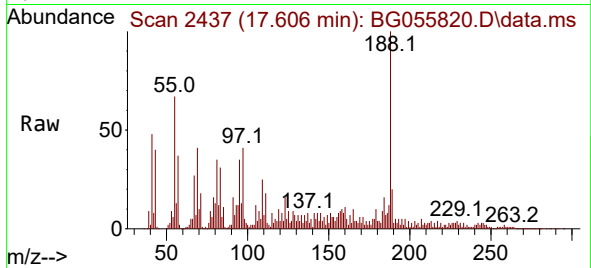




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2439
Delta R.T. 0.010 min
Lab File: BG055820.D
Acq: 29 Nov 2022 1:20

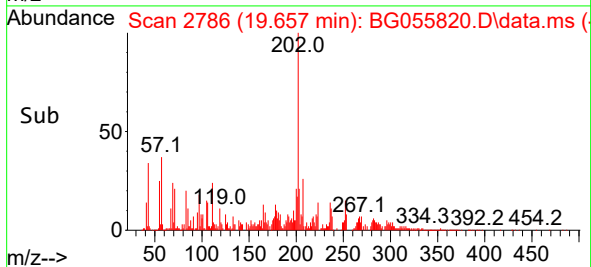
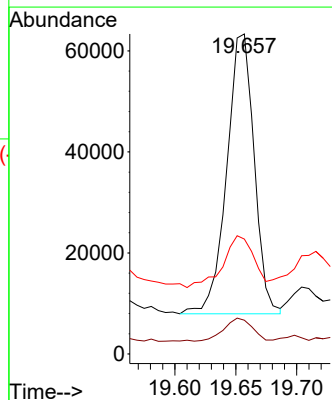
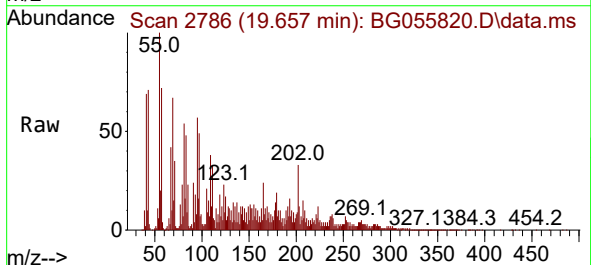
Instrument :
BNA_G
ClientSampleId :
B-10S

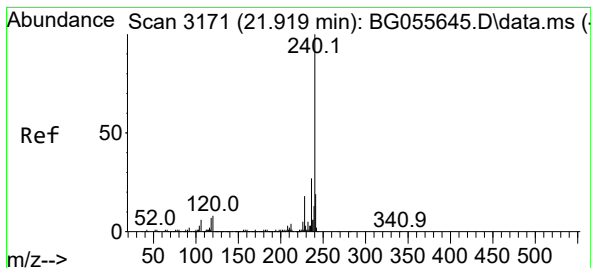
Tgt Ion:188 Resp: 260110
Ion Ratio Lower Upper
188 100
94 11.9 5.4 8.2#
80 12.7 6.6 10.0#



#75
Fluoranthene
Concen: 5.089 ng
RT: 19.657 min Scan# 2786
Delta R.T. 0.022 min
Lab File: BG055820.D
Acq: 29 Nov 2022 1:20

Tgt Ion:202 Resp: 86896
Ion Ratio Lower Upper
202 100
101 10.5 0.0 28.8
203 35.9 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.919 min Scan# 3171

Delta R.T. 0.027 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

Instrument :

BNA_G

ClientSampleId :

B-10S

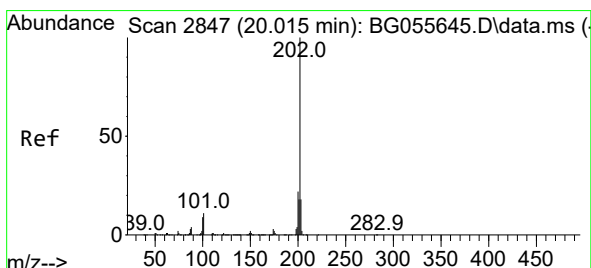
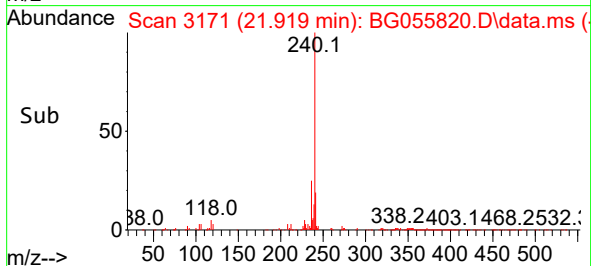
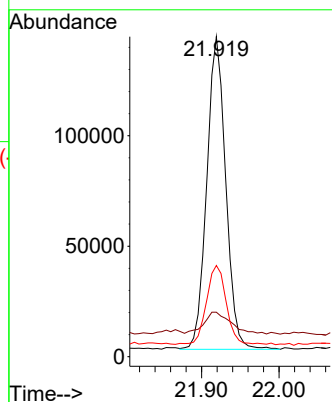
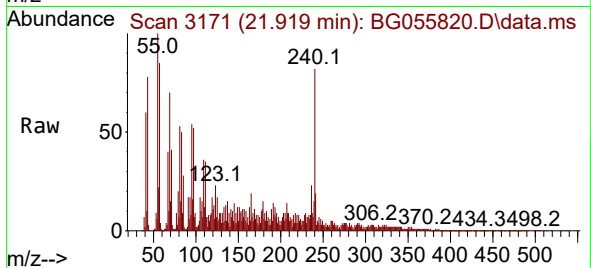
Tgt Ion:240 Resp: 240601

Ion Ratio Lower Upper

240 100

120 13.9 6.3 9.5#

236 28.5 21.9 32.9



#78

Pyrene

Concen: 7.332 ng

RT: 20.021 min Scan# 2848

Delta R.T. 0.022 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

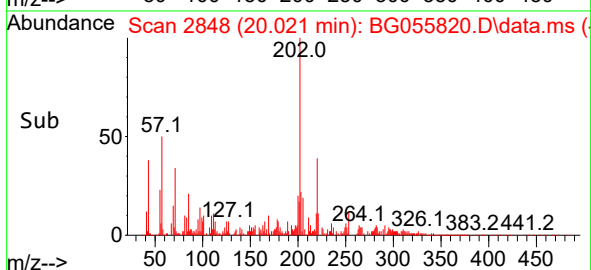
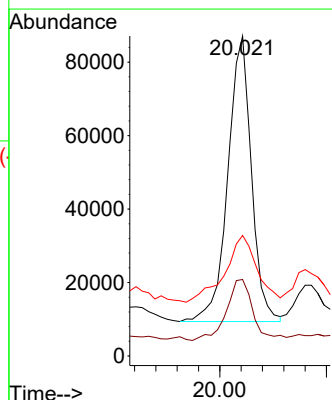
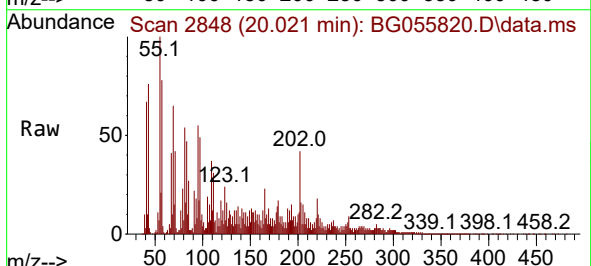
Tgt Ion:202 Resp: 119404

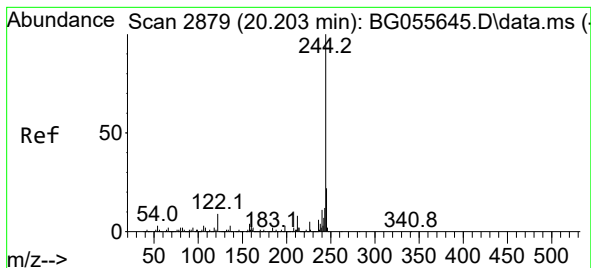
Ion Ratio Lower Upper

202 100

200 23.9 17.8 26.6

203 37.6 14.4 21.6#





#79

Terphenyl-d14

Concen: 8.129 ng

RT: 20.198 min Scan# 21

Delta R.T. 0.016 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

Instrument :

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ClientSampleId :

B-10S

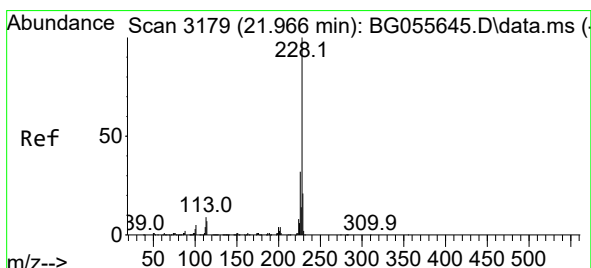
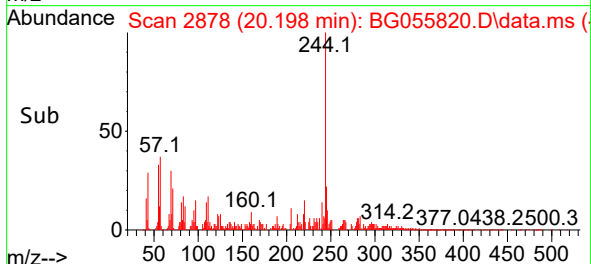
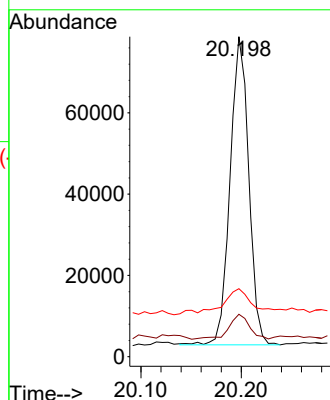
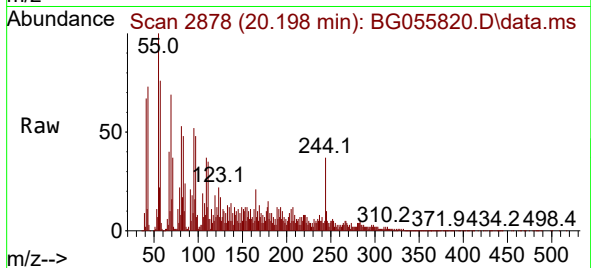
Tgt Ion:244 Resp: 97786

Ion Ratio Lower Upper

244 100

212 13.2 6.3 9.5#

122 21.3 6.9 10.3#



#83

Chrysene

Concen: 4.290 ng

RT: 21.966 min Scan# 3179

Delta R.T. 0.022 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

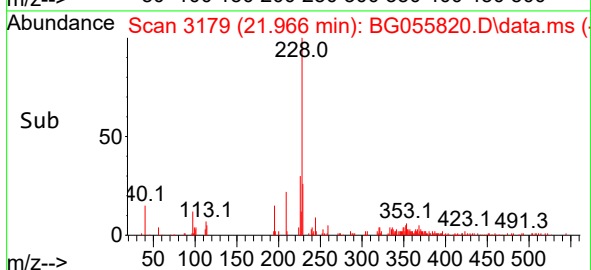
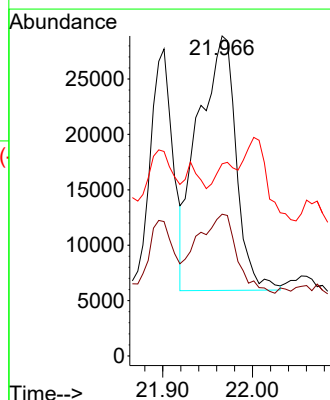
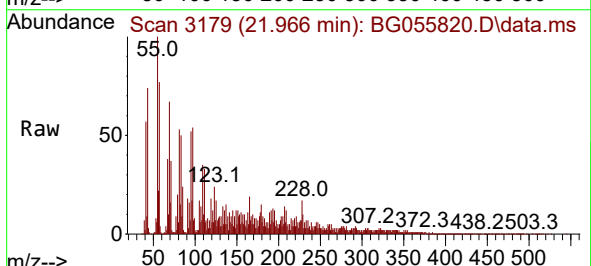
Tgt Ion:228 Resp: 67686

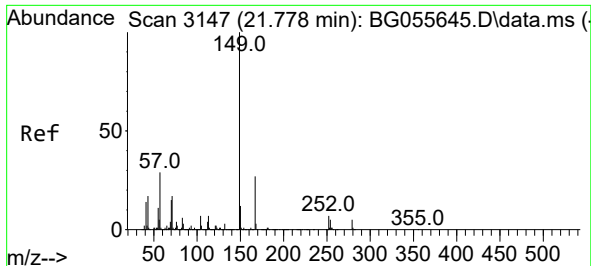
Ion Ratio Lower Upper

228 100

226 44.3 25.4 38.2#

229 60.0 17.1 25.7#

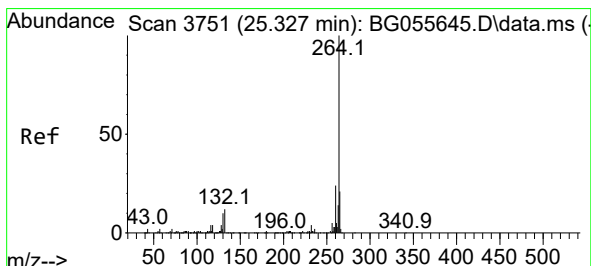
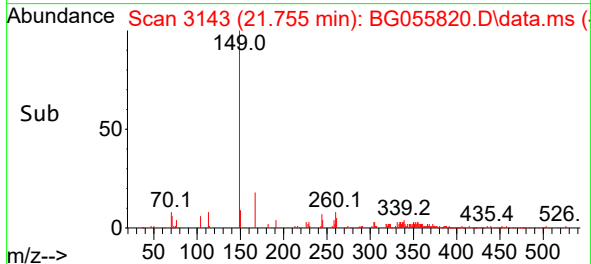
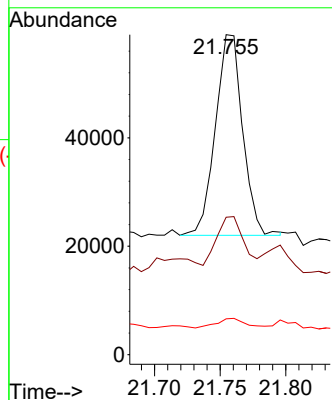
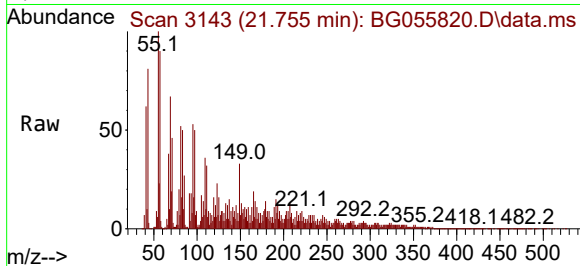




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.829 ng
 RT: 21.755 min Scan# 3147
 Delta R.T. 0.016 min
 Lab File: BG055820.D
 Acq: 29 Nov 2022 1:20

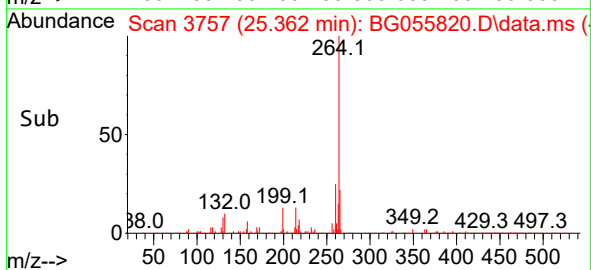
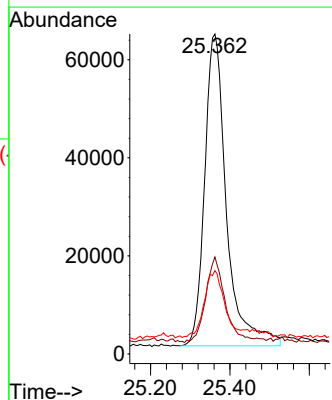
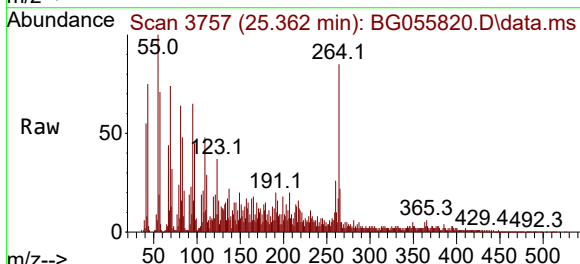
Instrument :
 BNA_G
 ClientSampleId :
 B-10S

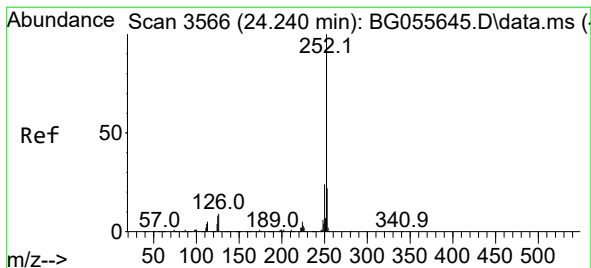
Tgt Ion:149 Resp: 53405
 Ion Ratio Lower Upper
 149 100
 167 43.0 22.0 33.0#
 279 11.2 3.7 5.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.362 min Scan# 3757
 Delta R.T. 0.074 min
 Lab File: BG055820.D
 Acq: 29 Nov 2022 1:20

Tgt Ion:264 Resp: 242542
 Ion Ratio Lower Upper
 264 100
 260 30.3 19.5 29.3#
 265 26.1 17.1 25.7#





#88

Benzo(b)fluoranthene

Concen: 5.500 ng

RT: 24.263 min Scan# 3

Delta R.T. 0.057 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

Instrument :

BNA_G

ClientSampleId :

B-10S

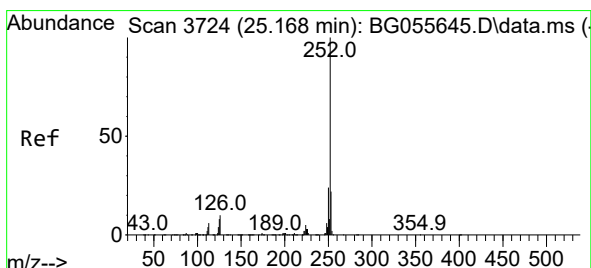
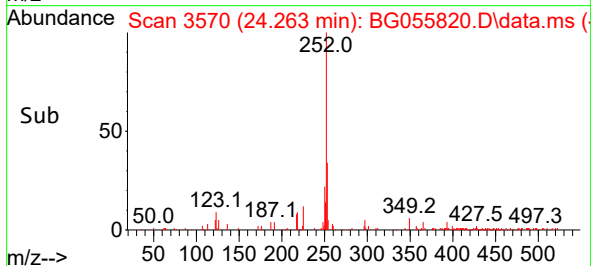
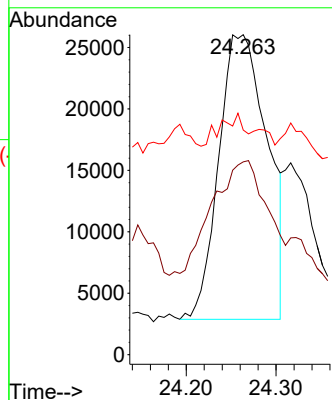
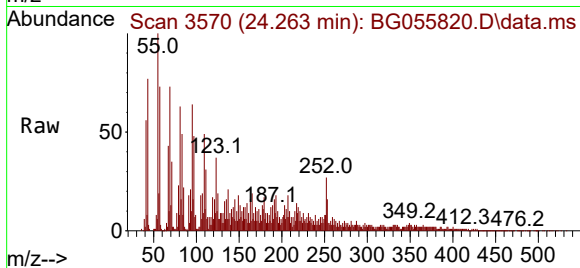
Tgt Ion:252 Resp: 86879

Ion Ratio Lower Upper

252 100

253 60.3 18.0 27.0#

125 70.2 6.2 9.2#



#90

Benzo(a)pyrene

Concen: 2.654 ng

RT: 25.186 min Scan# 3727

Delta R.T. 0.057 min

Lab File: BG055820.D

Acq: 29 Nov 2022 1:20

Tgt Ion:252 Resp: 35974

Ion Ratio Lower Upper

252 100

253 54.7 17.8 26.6#

125 120.5 6.4 9.6#

