

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057550.D
 Acq On : 25 May 2023 1:47
 Operator : CG/JU
 Sample : 02899-04 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB01

Quant Time: May 25 03:43:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

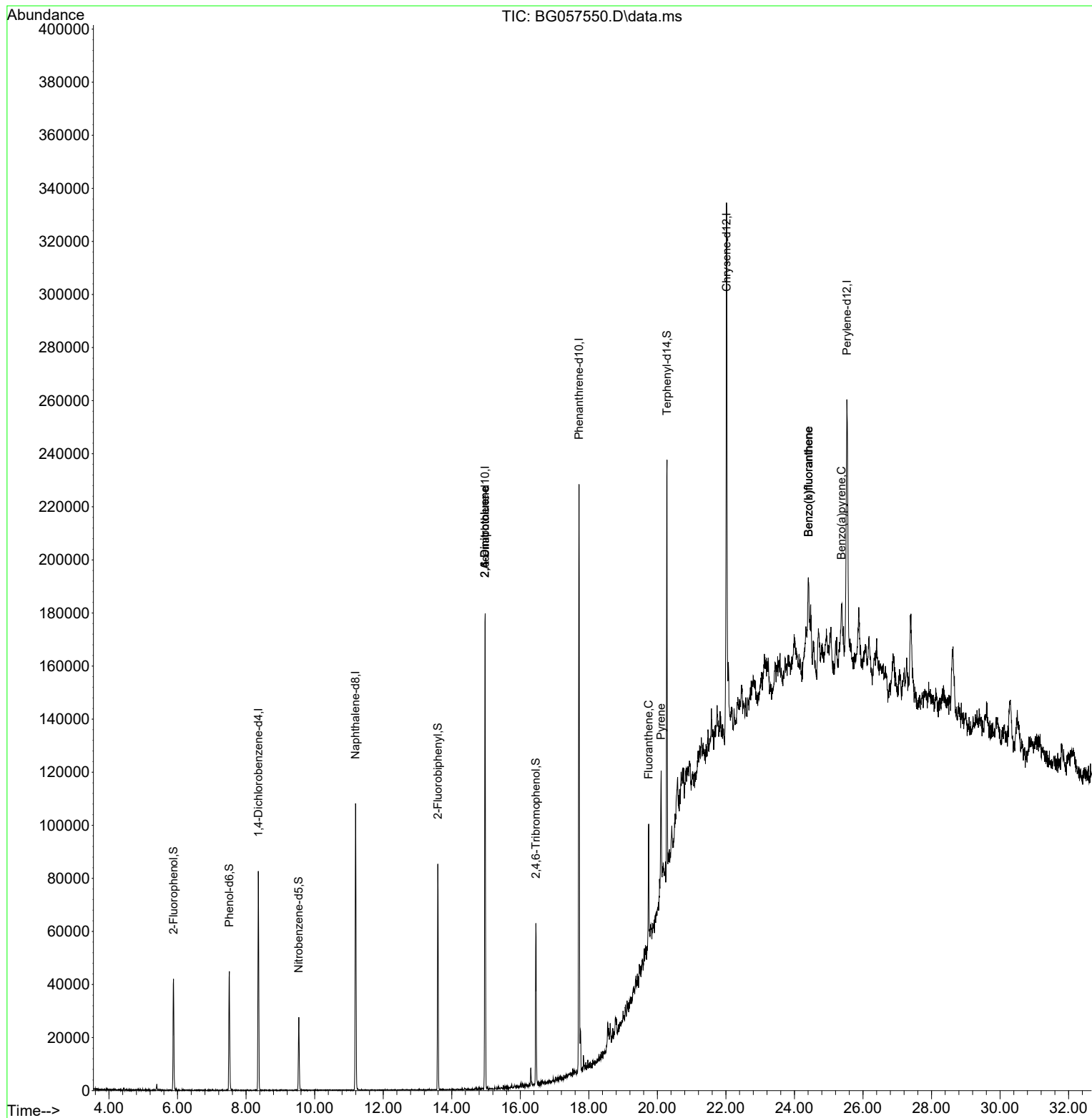
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	23488	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	94130	20.000	ng	#-0.01
39) Acenaphthene-d10	14.975	164	66542	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	145742	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	124849	20.000	ng	-0.02
86) Perylene-d12	25.531	264	130624	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	19923	14.510	ng	0.00
7) Phenol-d6	7.509	99	29387	14.094	ng	0.00
23) Nitrobenzene-d5	9.535	82	18295	8.157	ng	-0.01
42) 2,4,6-Tribromophenol	16.455	330	13276	14.061	ng	-0.01
45) 2-Fluorobiphenyl	13.595	172	49422	10.003	ng	-0.01
79) Terphenyl-d14	20.280	244	77625	10.146	ng	-0.01
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.969	165	8479	7.595	ng	# 17
57) 2,4-Dinitrotoluene	14.969	165	8479	5.314	ng	# 20
75) Fluoranthene	19.745	202	28078	3.023	ng	98
78) Pyrene	20.103	202	27679	3.051	ng	97
88) Benzo(b)fluoranthene	24.409	252	25277	2.960	ng	# 58
89) Benzo(k)fluoranthene	24.409	252	25277	2.913	ng	# 59
90) Benzo(a)pyrene	25.373	252	21179	2.539	ng	# 70

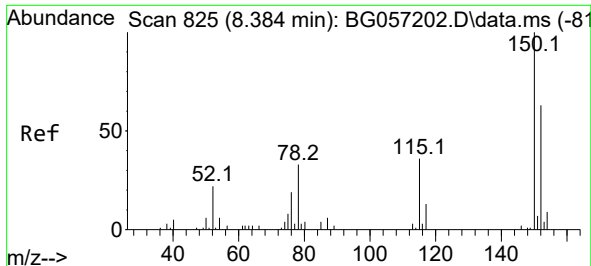
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057550.D
Acq On : 25 May 2023 1:47
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB01

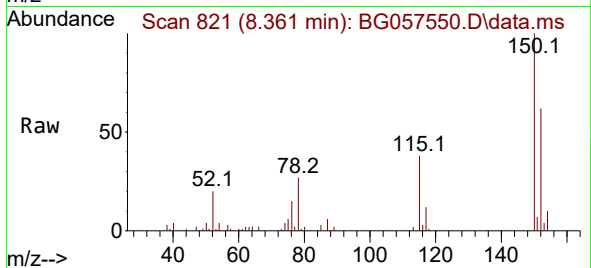
Quant Time: May 25 03:43:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 02:19:01 2023
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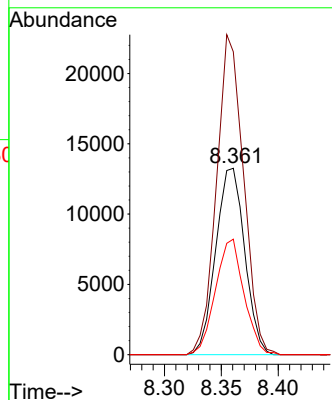
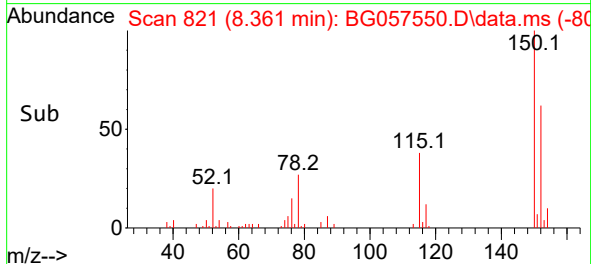


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

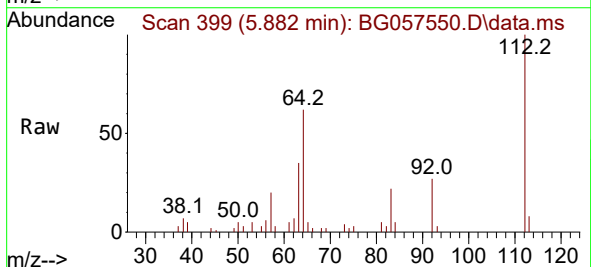
Instrument :
BNA_G
ClientSampleId :
SB01



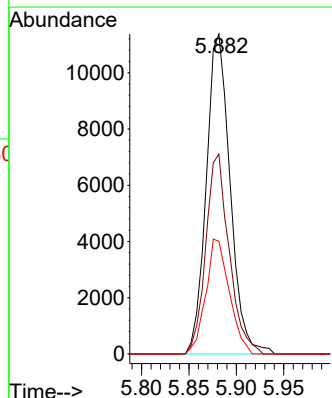
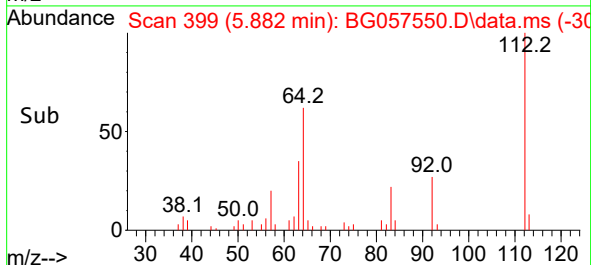
Tgt Ion:152 Resp: 23488
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.4
115 61.9 45.0 67.4

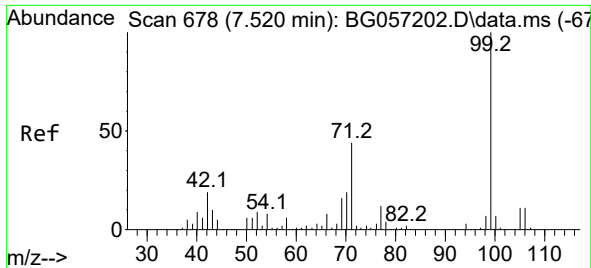


#5
2-Fluorophenol
Concen: 14.510 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.007 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47



Tgt Ion:112 Resp: 19923
Ion Ratio Lower Upper
112 100
64 62.5 49.4 74.2
63 35.2 31.6 47.4

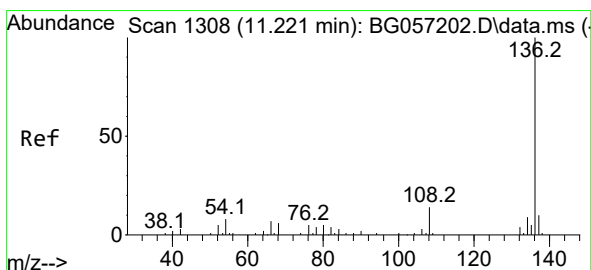
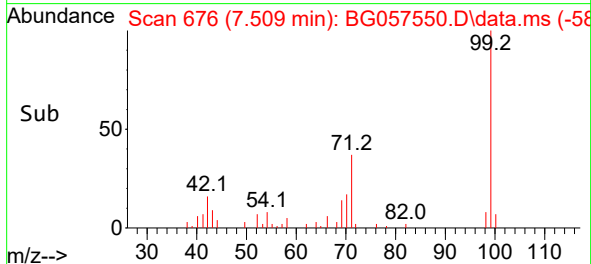
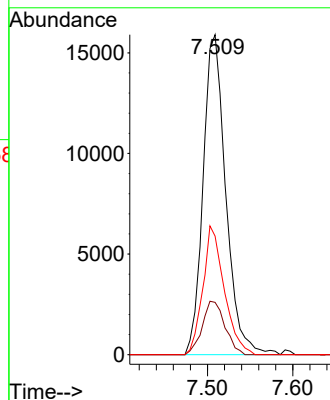
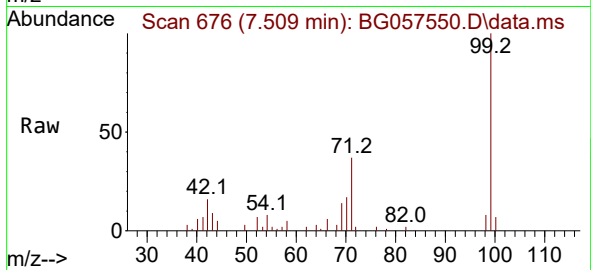




#7
Phenol-d6
Concen: 14.094 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

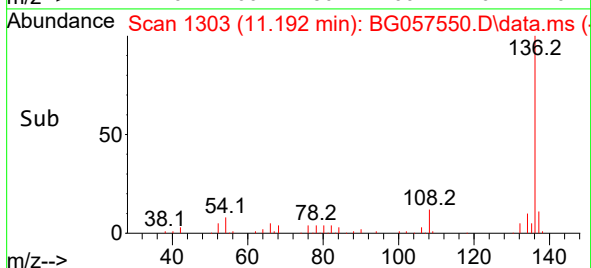
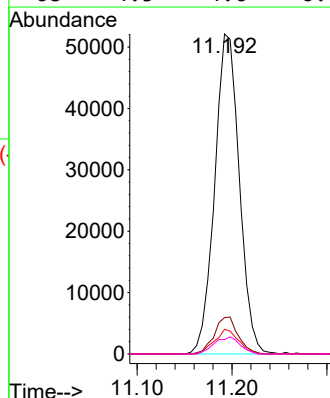
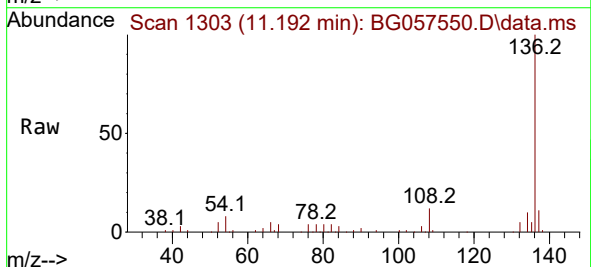
Instrument :
BNA_G
ClientSampleId :
SB01

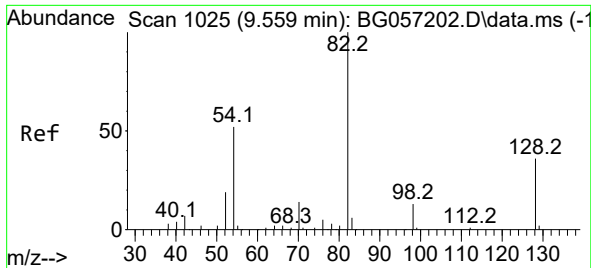
Tgt Ion: 99 Resp: 29387
Ion Ratio Lower Upper
99 100
42 16.3 15.1 22.7
71 37.0 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Tgt Ion: 136 Resp: 94130
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 7.7 6.7 10.1
68 4.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 8.157 ng

RT: 9.535 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG057550.D

Acq: 25 May 2023 1:47

Instrument :

BNA_G

ClientSampleId :

SB01

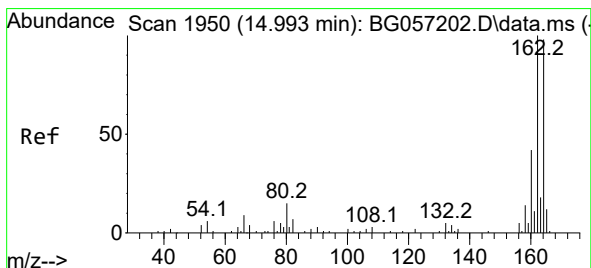
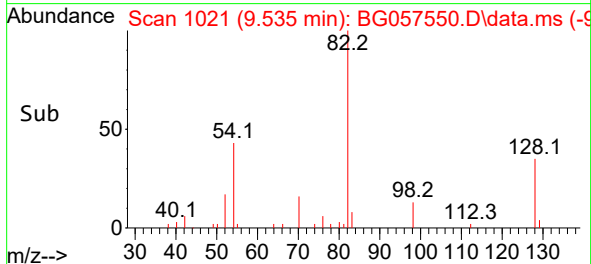
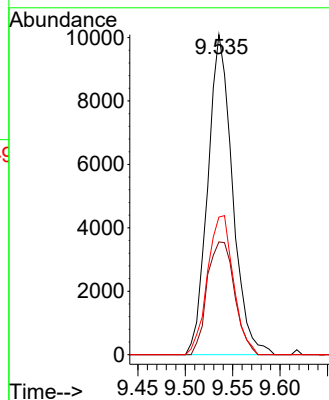
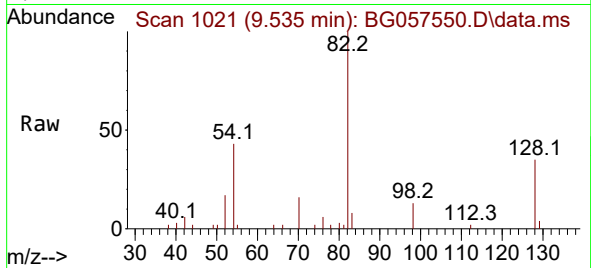
Tgt Ion: 82 Resp: 18295

Ion Ratio Lower Upper

82 100

128 35.3 29.0 43.4

54 43.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.975 min Scan# 1947

Delta R.T. -0.005 min

Lab File: BG057550.D

Acq: 25 May 2023 1:47

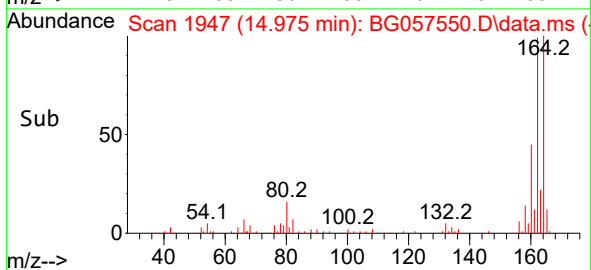
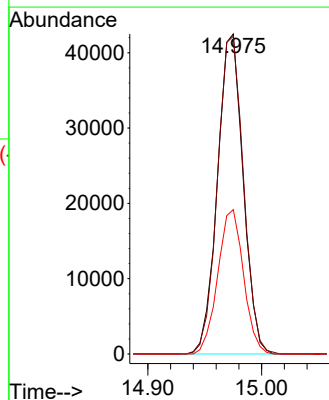
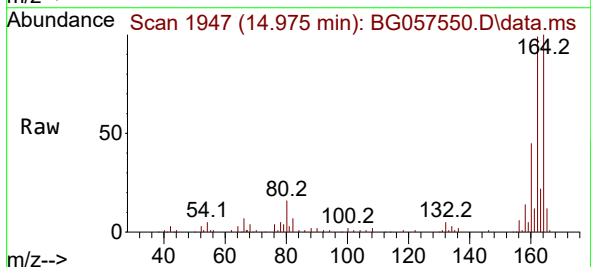
Tgt Ion:164 Resp: 66542

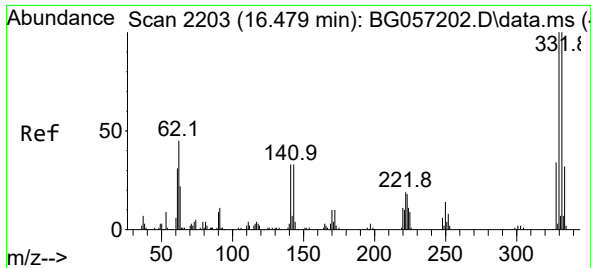
Ion Ratio Lower Upper

164 100

162 99.3 81.8 122.6

160 45.1 34.6 52.0

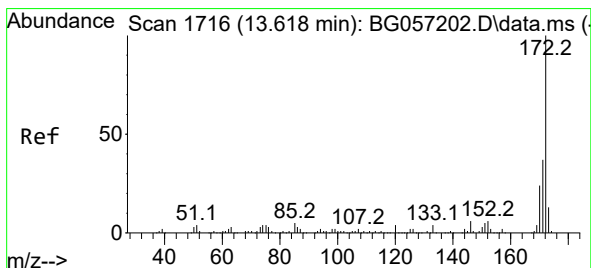
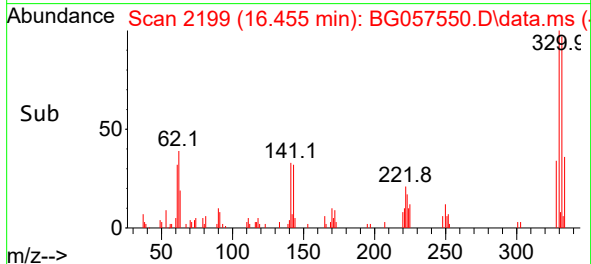
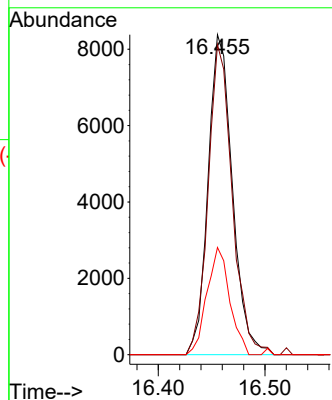
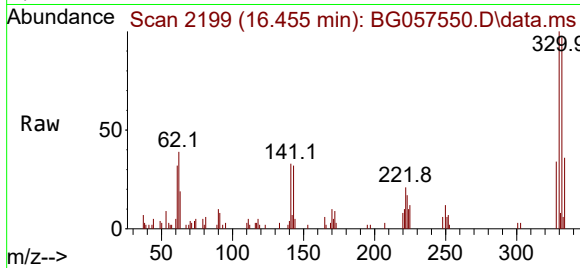




#42
2,4,6-Tribromophenol
Concen: 14.061 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

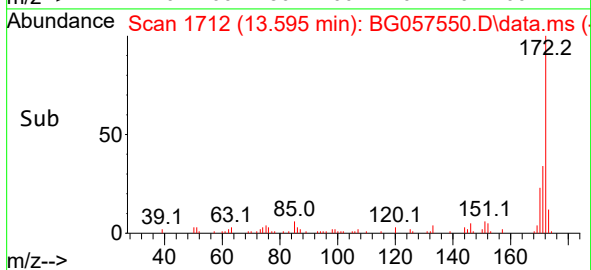
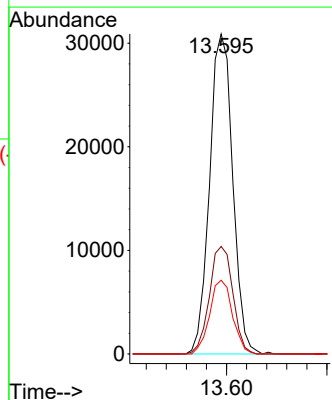
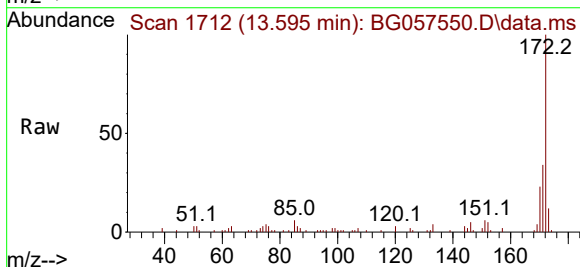
Instrument :
BNA_G
ClientSampleId :
SB01

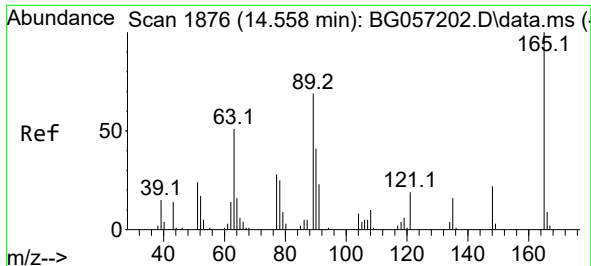
Tgt Ion:330 Resp: 13276
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 31.5 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 10.003 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Tgt Ion:172 Resp: 49422
Ion Ratio Lower Upper
172 100
171 33.6 29.4 44.0
170 23.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 7.595 ng

RT: 14.969 min Scan# 1946

Delta R.T. 0.418 min

Lab File: BG057550.D

Acq: 25 May 2023 1:47

Instrument :

BNA_G

ClientSampleId :

SB01

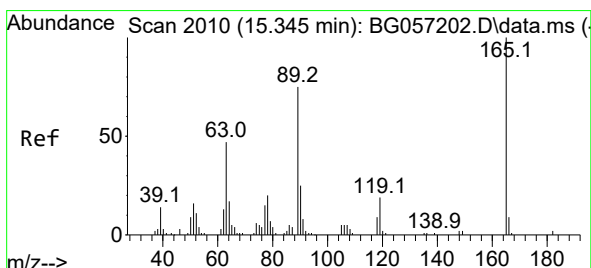
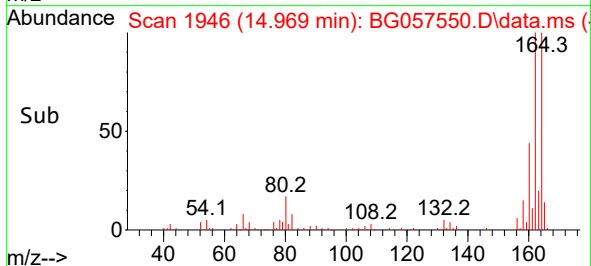
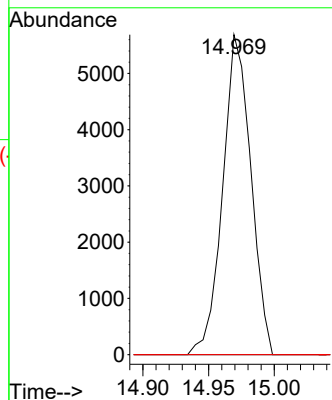
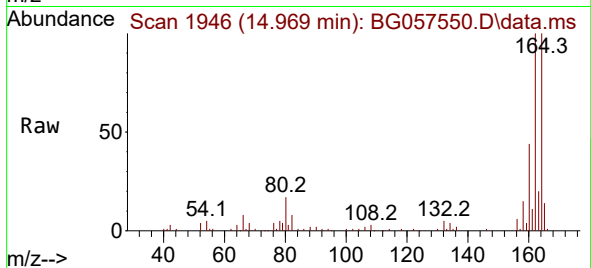
Tgt Ion:165 Resp: 8479

Ion Ratio Lower Upper

165 100

63 0.0 50.9 76.3#

89 0.0 55.2 82.8#



#57

2,4-Dinitrotoluene

Concen: 5.314 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.369 min

Lab File: BG057550.D

Acq: 25 May 2023 1:47

Tgt Ion:165 Resp: 8479

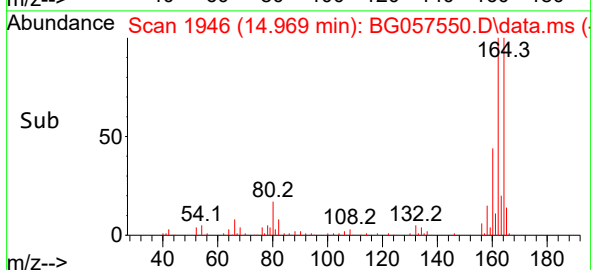
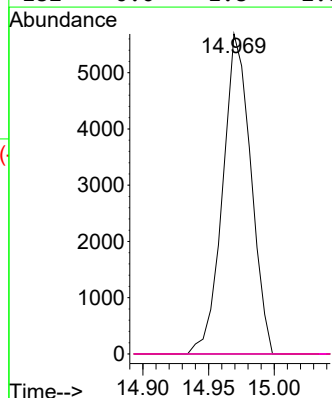
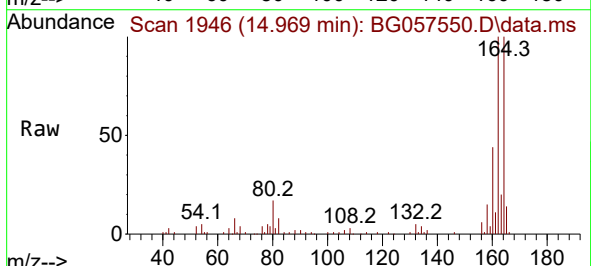
Ion Ratio Lower Upper

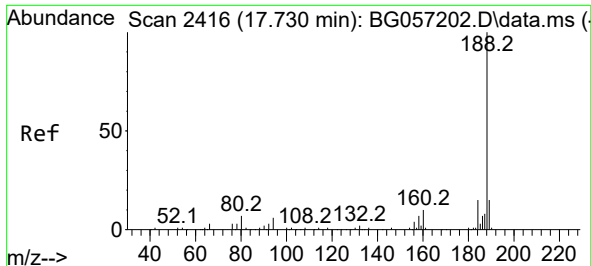
165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#

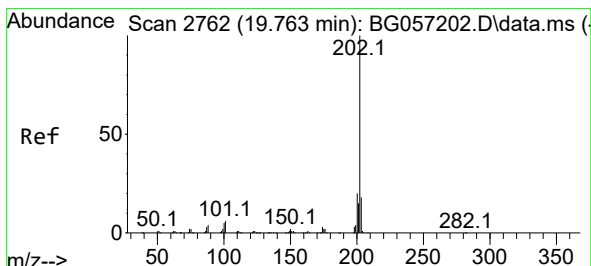
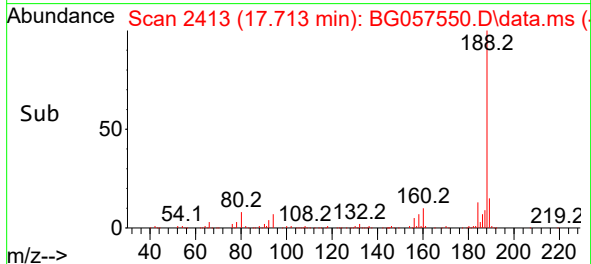
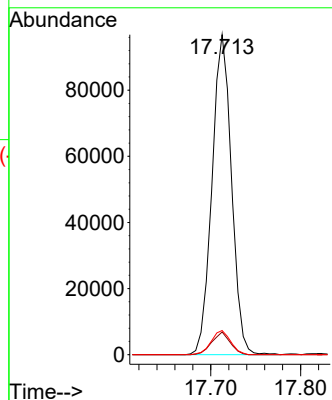
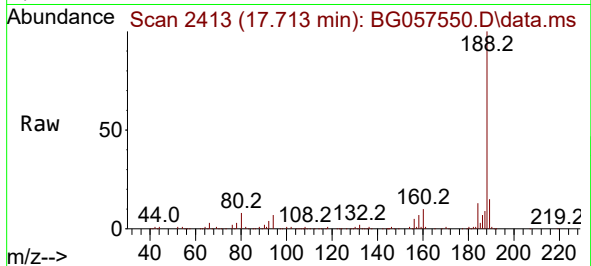




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2416
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

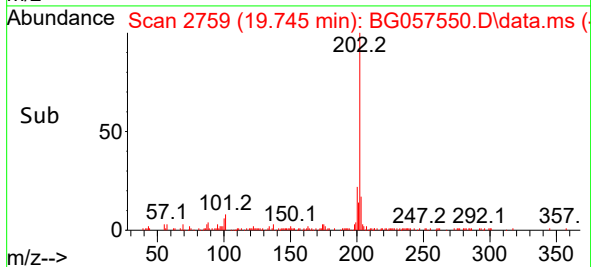
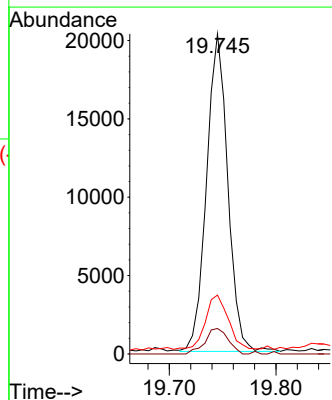
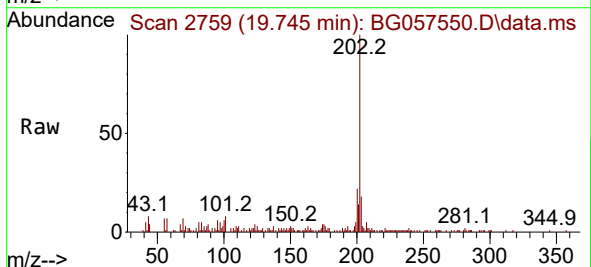
Instrument :
BNA_G
ClientSampleId :
SB01

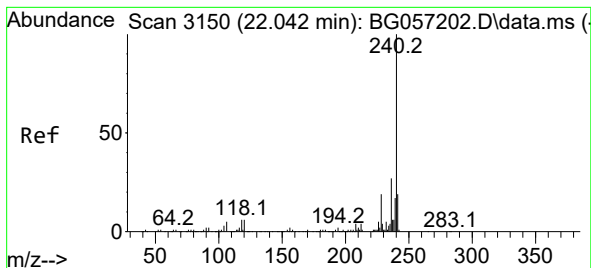
Tgt Ion:188 Resp: 145742
Ion Ratio Lower Upper
188 100
94 7.1 5.1 7.7
80 7.6 5.7 8.5



#75
Fluoranthene
Concen: 3.023 ng
RT: 19.745 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

Tgt Ion:202 Resp: 28078
Ion Ratio Lower Upper
202 100
101 8.0 0.0 26.2
203 18.4 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG057550.D

Acq: 25 May 2023 1:47

Instrument :

BNA_G

ClientSampleId :

SB01

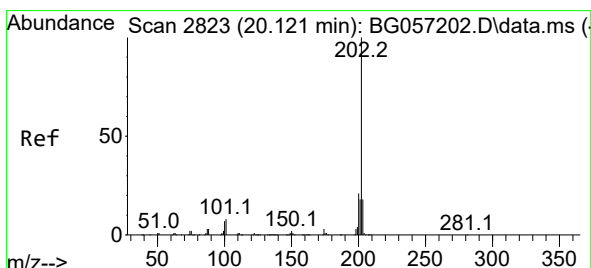
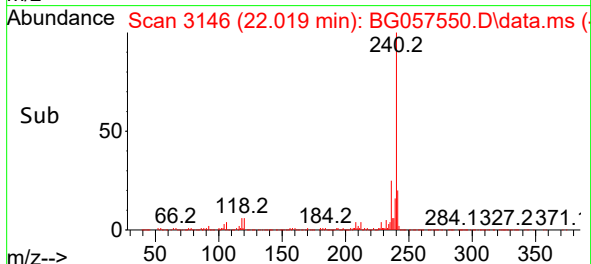
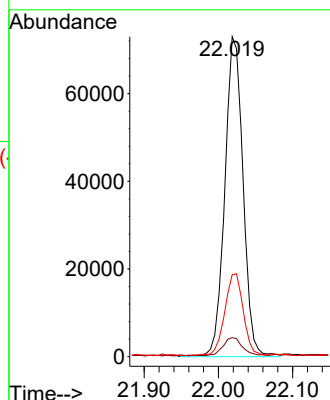
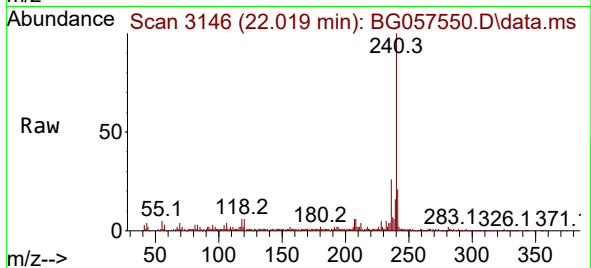
Tgt Ion:240 Resp: 124849

Ion Ratio Lower Upper

240 100

120 6.0 4.9 7.3

236 25.6 21.4 32.2



#78

Pyrene

Concen: 3.051 ng

RT: 20.103 min Scan# 2820

Delta R.T. -0.011 min

Lab File: BG057550.D

Acq: 25 May 2023 1:47

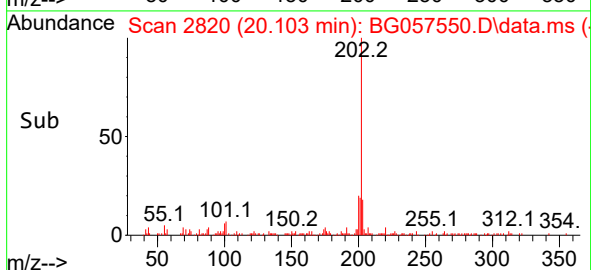
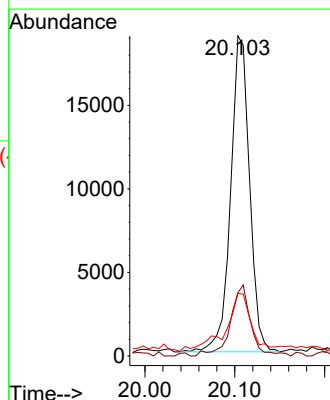
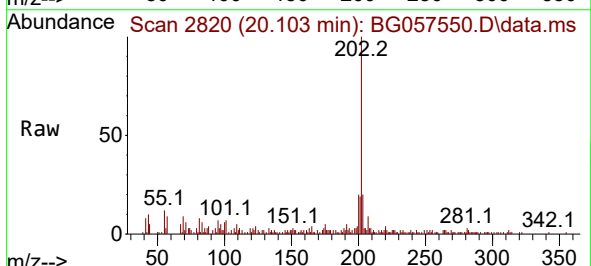
Tgt Ion:202 Resp: 27679

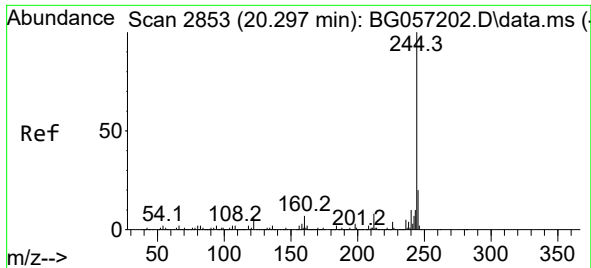
Ion Ratio Lower Upper

202 100

200 19.8 17.0 25.4

203 19.6 14.2 21.4

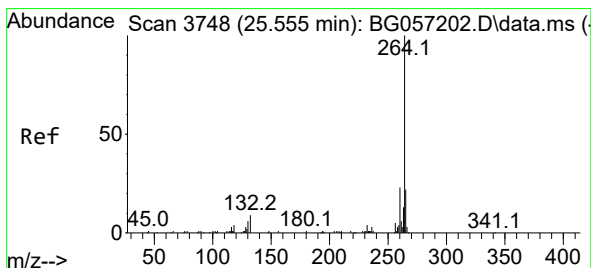
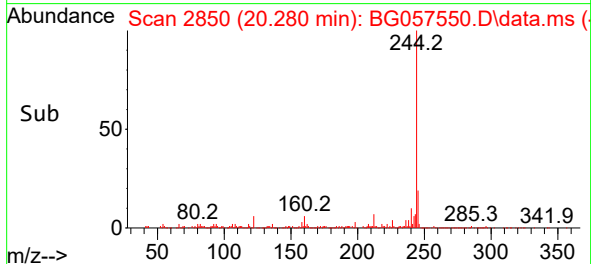
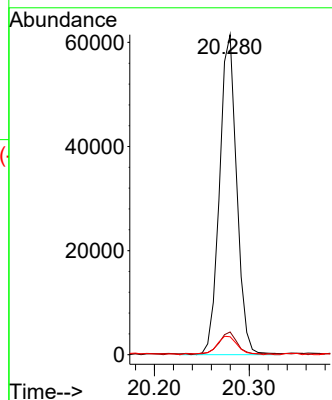
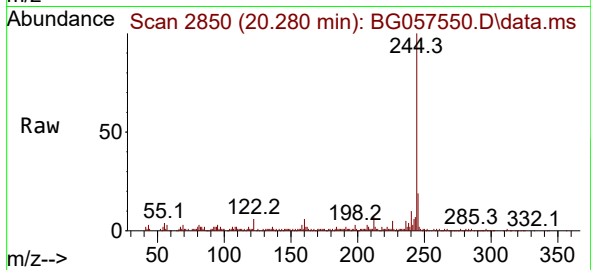




#79
 Terphenyl-d14
 Concen: 10.146 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057550.D
 Acq: 25 May 2023 1:47

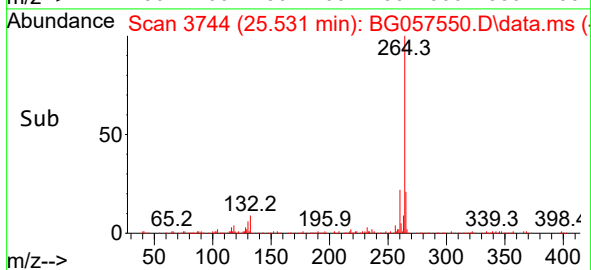
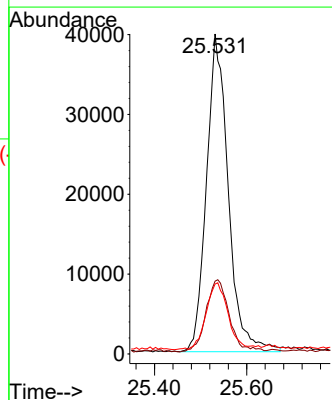
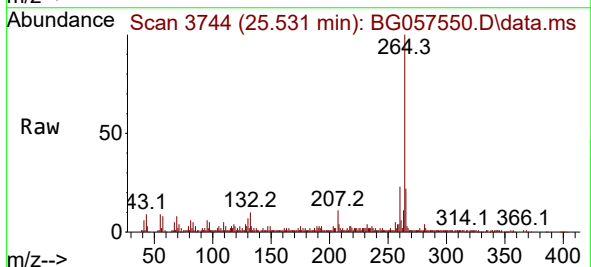
Instrument :
 BNA_G
 ClientSampleId :
 SB01

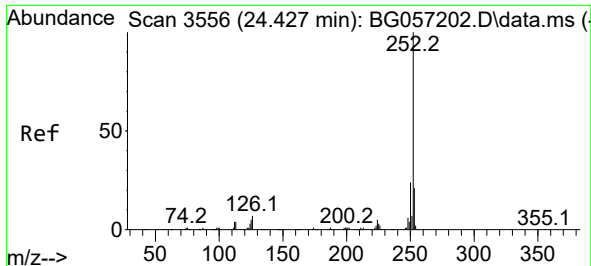
Tgt Ion:244 Resp: 77625
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.6 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.531 min Scan# 3744
 Delta R.T. -0.011 min
 Lab File: BG057550.D
 Acq: 25 May 2023 1:47

Tgt Ion:264 Resp: 130624
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.8 28.2
 265 21.9 17.9 26.9

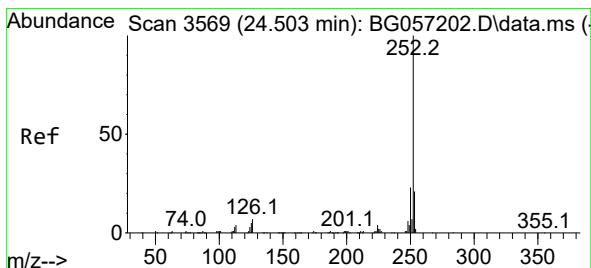
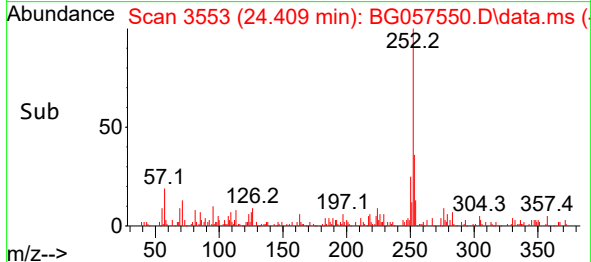
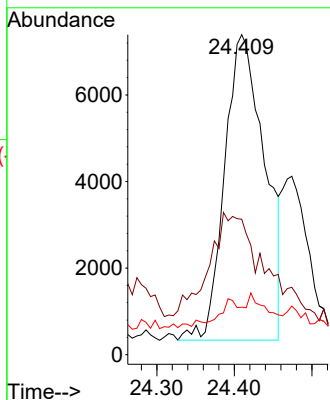
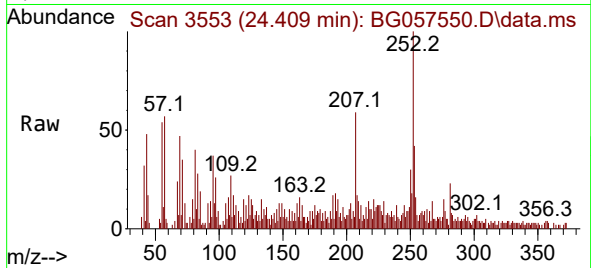




#88
Benzo(b)fluoranthene
Concen: 2.960 ng
RT: 24.409 min Scan# 3553
Delta R.T. -0.011 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

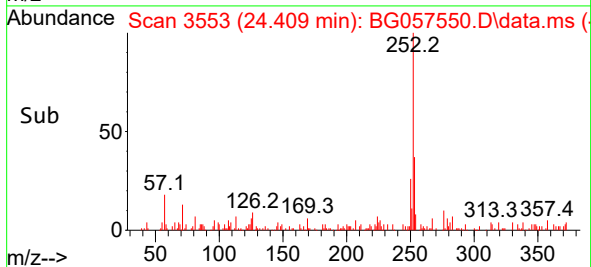
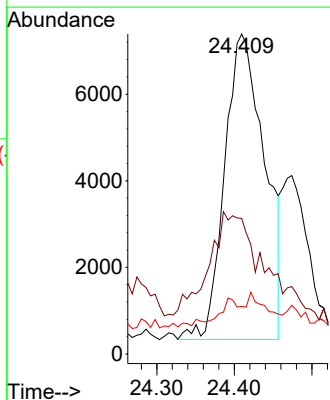
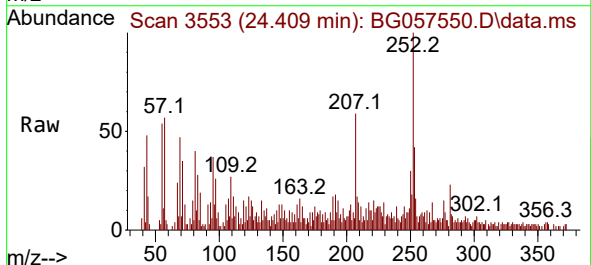
Instrument :
BNA_G
ClientSampleId :
SB01

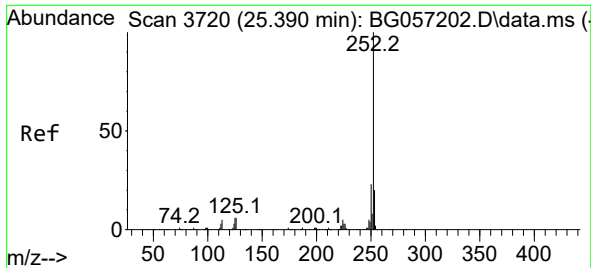
Tgt Ion:252 Resp: 25277
Ion Ratio Lower Upper
252 100
253 42.3 17.0 25.6#
125 14.8 4.2 6.2#



#89
Benzo(k)fluoranthene
Concen: 2.913 ng
RT: 24.409 min Scan# 3553
Delta R.T. -0.087 min
Lab File: BG057550.D
Acq: 25 May 2023 1:47

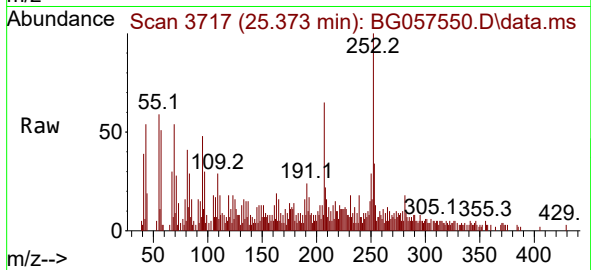
Tgt Ion:252 Resp: 25277
Ion Ratio Lower Upper
252 100
253 42.3 17.4 26.0#
125 14.8 4.1 6.1#





#90
 Benzo(a)pyrene
 Concen: 2.539 ng
 RT: 25.373 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG057550.D
 Acq: 25 May 2023 1:47

Instrument :
 BNA_G
 ClientSampleId :
 SB01



Tgt Ion:252 Resp: 21179
 Ion Ratio Lower Upper
 252 100
 253 34.5 16.3 24.5#
 125 16.4 5.0 7.4#

