

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058675.D
 Acq On : 10 Aug 2023 12:05
 Operator : MA/JU
 Sample : 03932-04DL 250X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z67-69DL

Quant Time: Aug 11 01:53:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

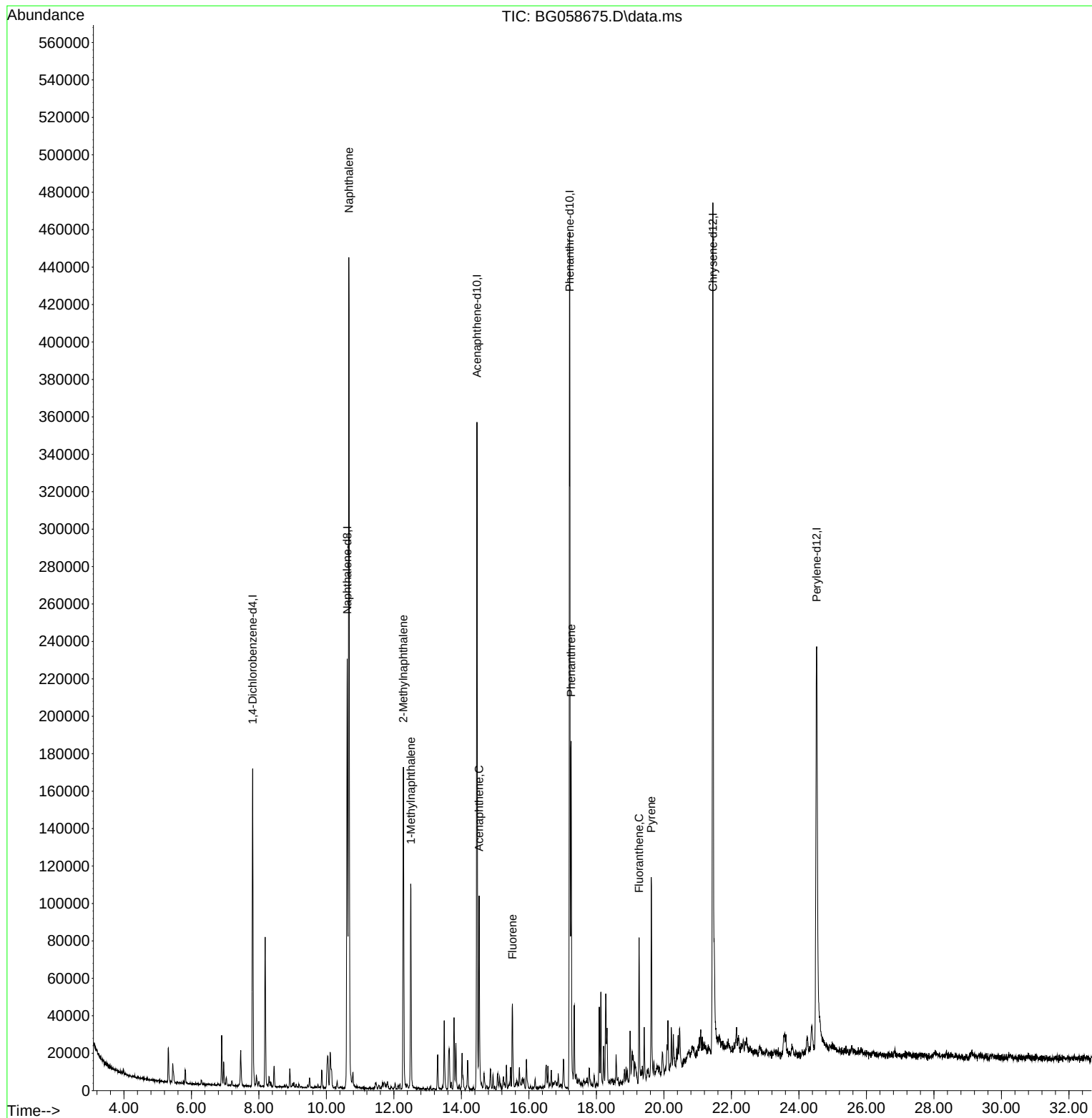
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	48658	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	204861	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	135479	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	328343	20.000	ng	0.00
76) Chrysene-d12	21.451	240	285534	20.000	ng	0.00
86) Perylene-d12	24.523	264	316149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.078	172	1168	0.129	ng	0.00
79) Terphenyl-d14	19.829	244	2403	0.158	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.663	128	386325	35.780	ng	100
37) 2-Methylnaphthalene	12.279	142	91739	11.878	ng	98
38) 1-Methylnaphthalene	12.502	142	56700	7.723	ng	98
52) Acenaphthene	14.523	154	37565	5.353	ng	97
58) Fluorene	15.510	166	24199	2.526	ng	98
71) Phenanthrene	17.250	178	119176	7.653	ng	99
75) Fluoranthene	19.265	202	50315	2.690	ng	97
78) Pyrene	19.623	202	70416	3.624	ng	96

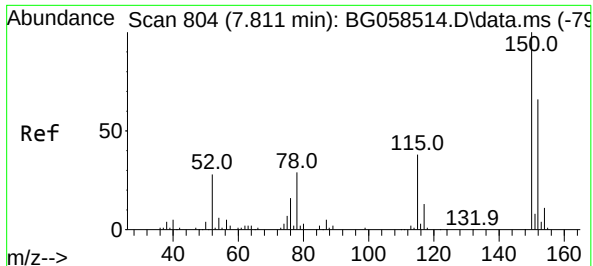
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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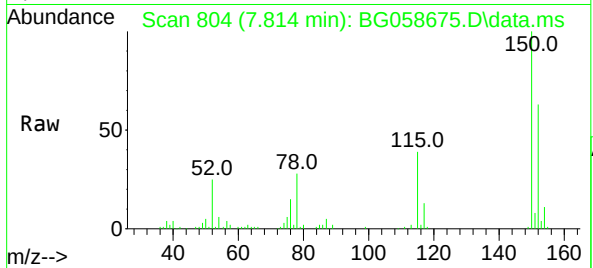
Quant Time: Aug 11 01:53:34 2023
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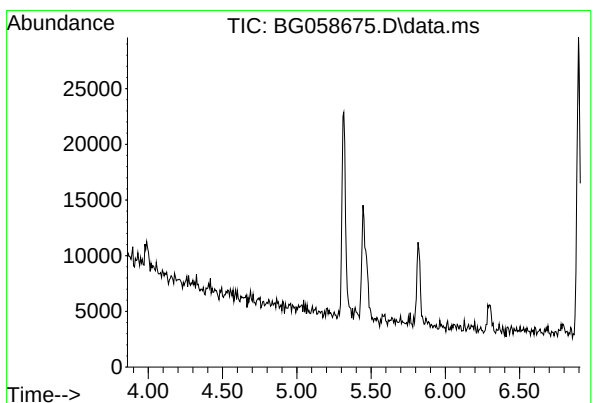
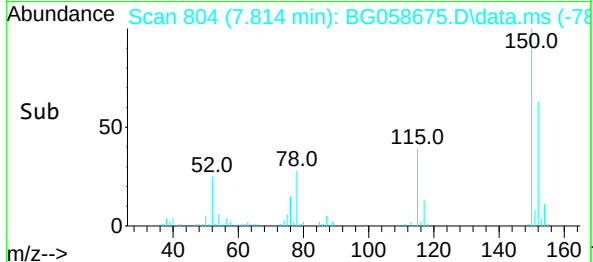
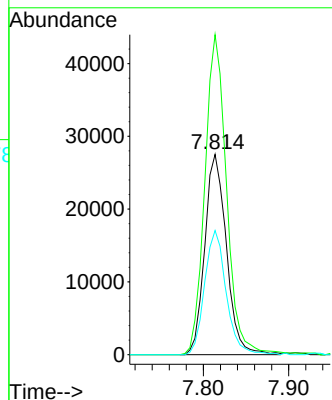


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.814 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z67-69DL



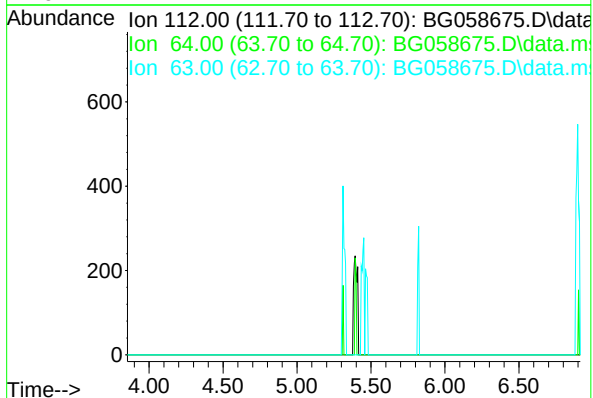
Tgt Ion:152 Resp: 48658
 Ion Ratio Lower Upper
 152 100
 150 159.7 120.5 180.7
 115 62.0 45.9 68.9

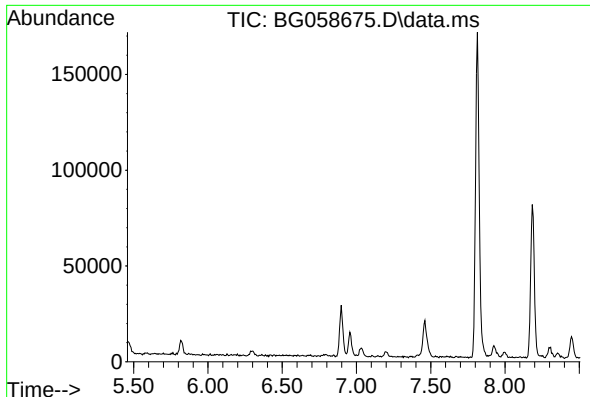


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.38 min

Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 69.1
 63 35.4



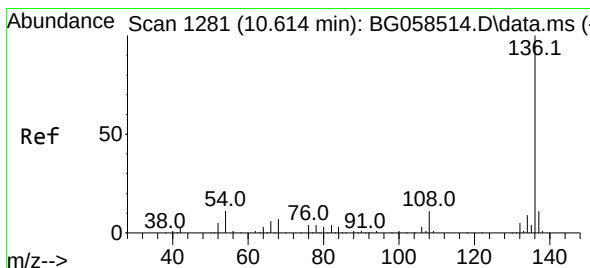
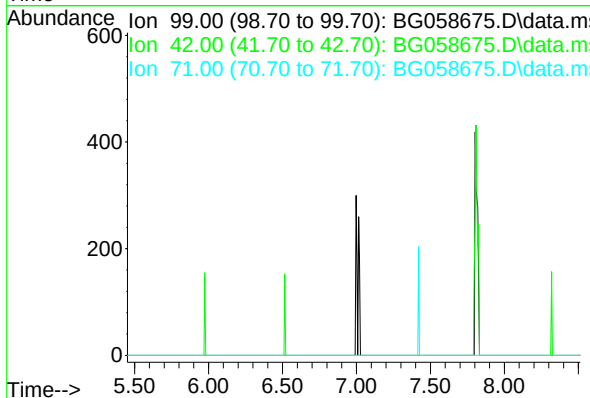


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.98 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z67-69DL

Tgt Ion: 99

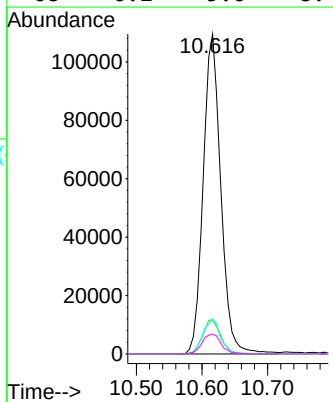
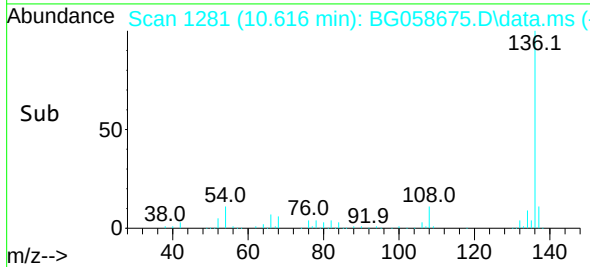
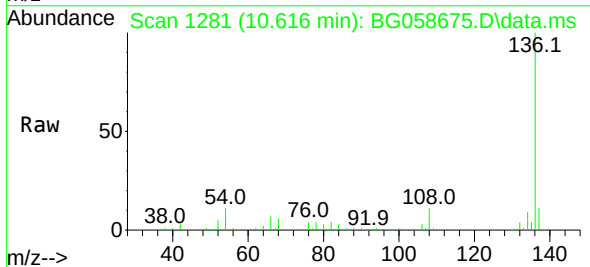
Sig	Exp Ratio
99	100
42	18.2
71	31.2

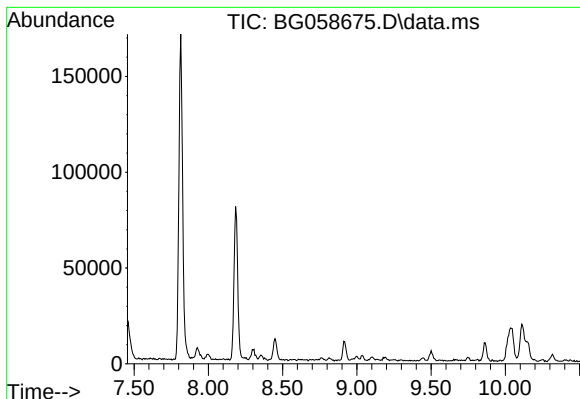


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.616 min Scan# 1281
 Delta R.T. 0.002 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

Tgt Ion: 136 Resp: 204861

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.9	8.9	13.3
68	6.2	5.6	8.4

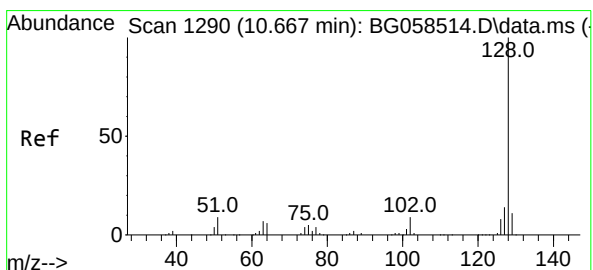
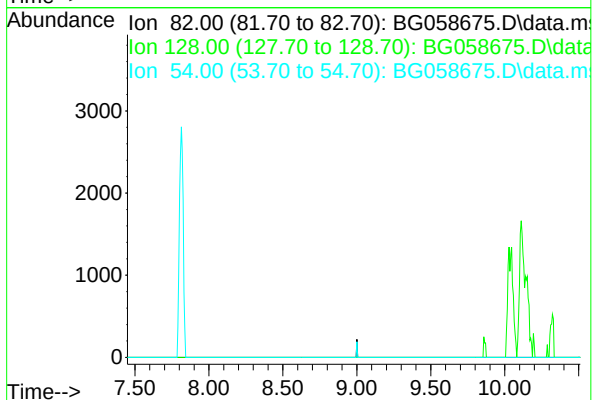




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.98 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

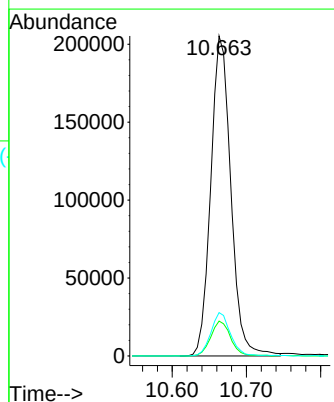
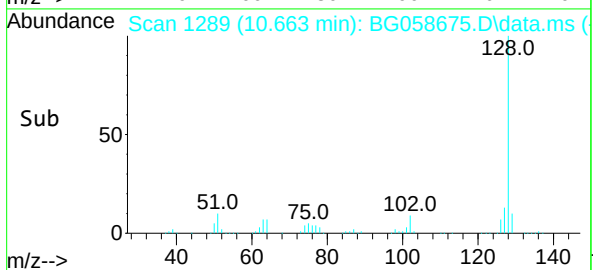
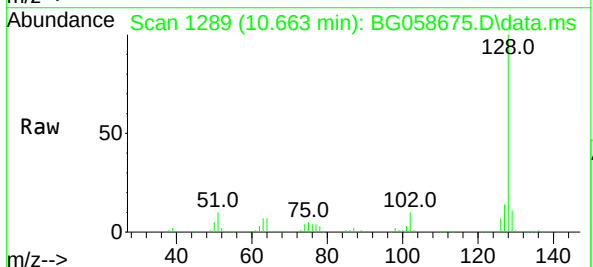
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z67-69DL

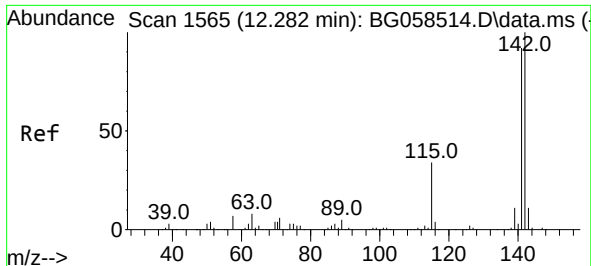
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 40.2
 54 57.5



#31
 Naphthalene
 Concen: 35.780 ng
 RT: 10.663 min Scan# 1289
 Delta R.T. -0.003 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

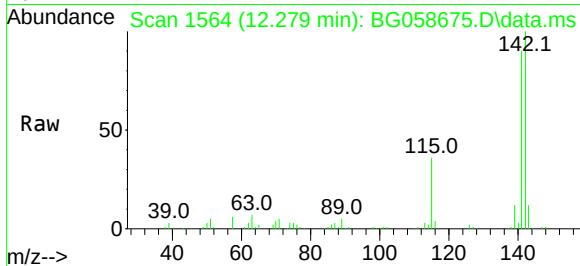
Tgt Ion: 128 Resp: 386325
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.6 10.9 16.3



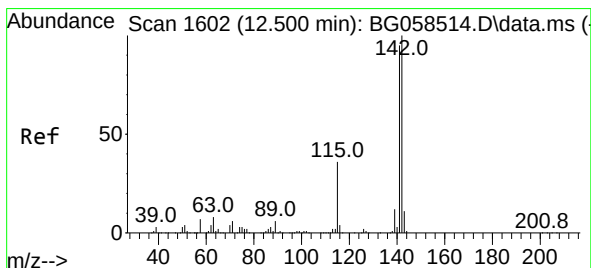
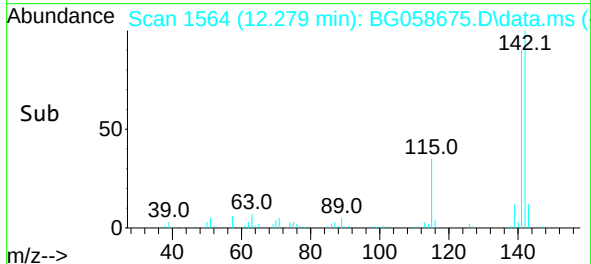
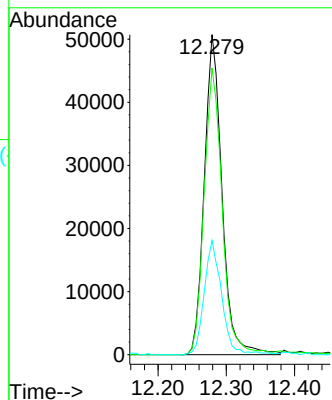


#37
2-Methylnaphthalene
Concen: 11.878 ng
RT: 12.279 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058675.D
Acq: 10 Aug 2023 12:05

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69DL

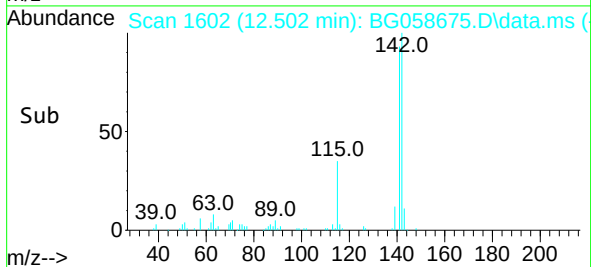
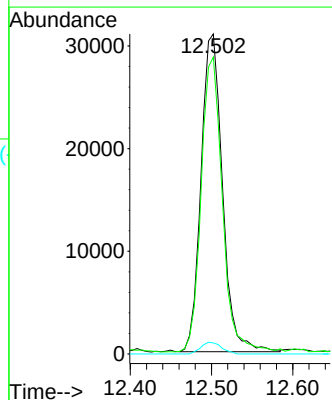
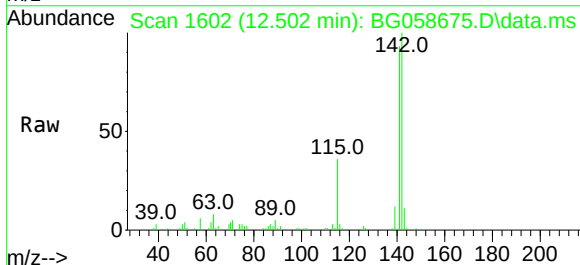


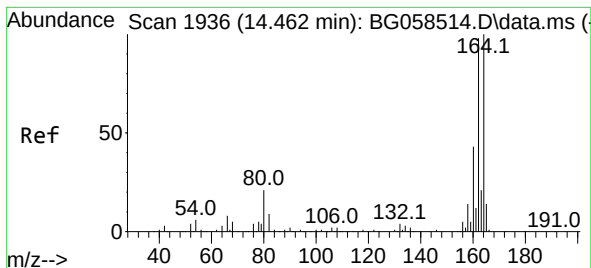
Tgt Ion:142 Resp: 91739
Ion Ratio Lower Upper
142 100
141 89.6 73.5 110.3
115 35.7 27.4 41.0



#38
1-Methylnaphthalene
Concen: 7.723 ng
RT: 12.502 min Scan# 1602
Delta R.T. 0.002 min
Lab File: BG058675.D
Acq: 10 Aug 2023 12:05

Tgt Ion:142 Resp: 56700
Ion Ratio Lower Upper
142 100
141 92.8 75.7 113.5
116 3.4 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.459 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BG058675.D

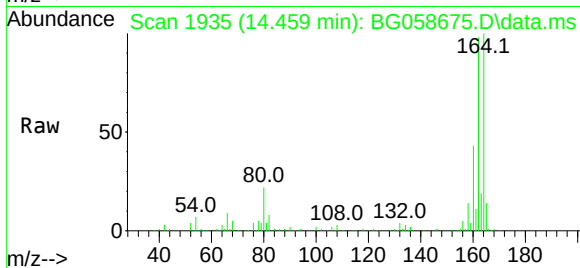
Acq: 10 Aug 2023 12:05

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69DL



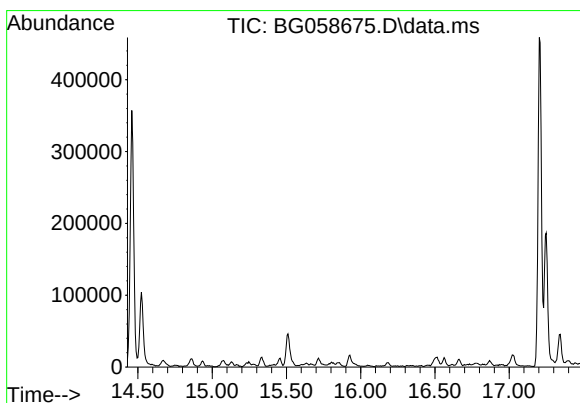
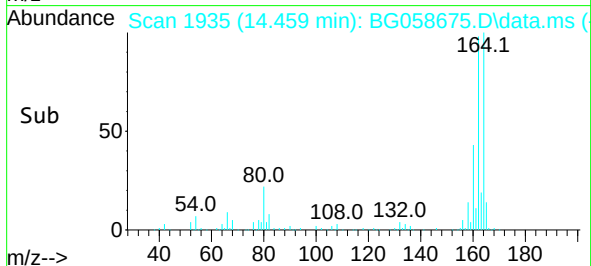
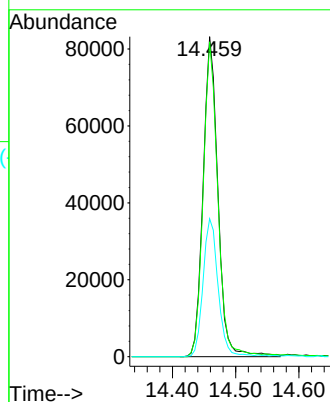
Tgt Ion:164 Resp: 135479

Ion Ratio Lower Upper

164 100

162 98.4 78.3 117.5

160 43.1 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.95 min

Lab File: BG058675.D

Acq: 10 Aug 2023 12:05

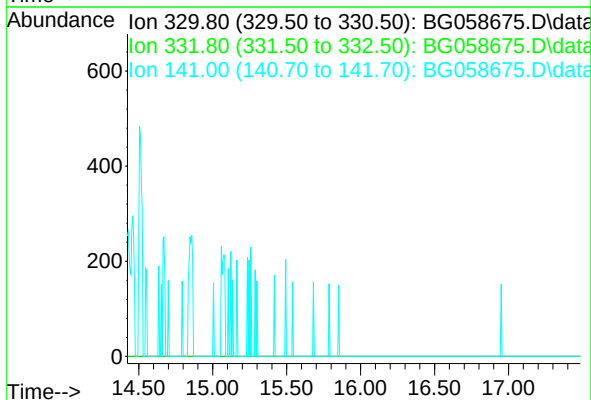
Tgt Ion: 330

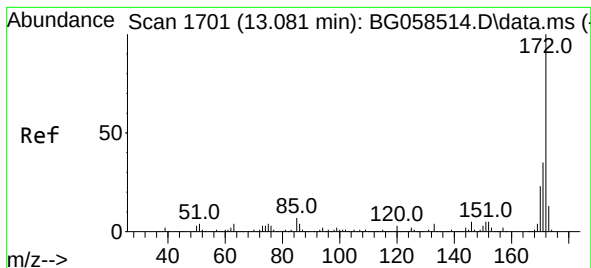
Sig Exp Ratio

330 100

332 96.9

141 25.9





#45

2-Fluorobiphenyl

Concen: 0.129 ng

RT: 13.078 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058675.D

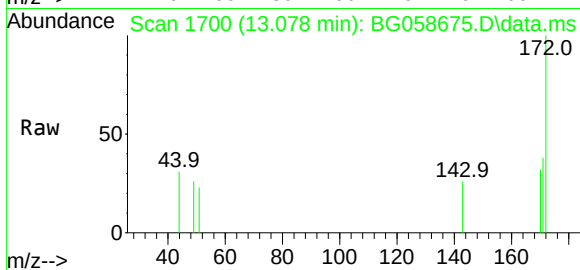
Acq: 10 Aug 2023 12:05

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69DL



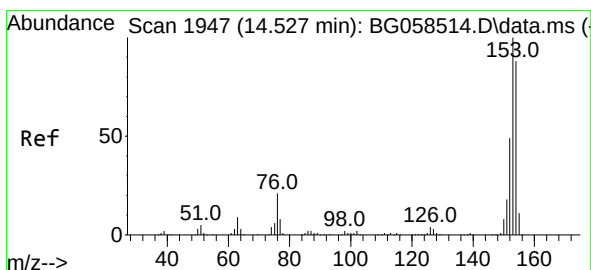
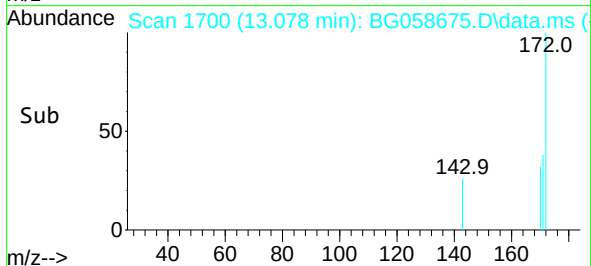
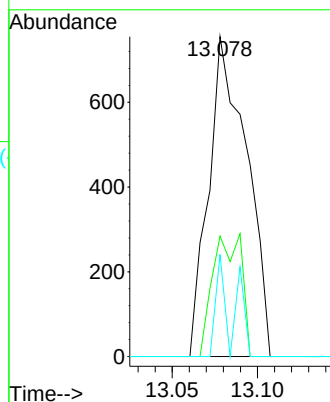
Tgt Ion:172 Resp: 1168

Ion Ratio Lower Upper

172 100

171 37.6 28.0 42.0

170 31.9 18.4 27.6#



#52

Acenaphthene

Concen: 5.353 ng

RT: 14.523 min Scan# 1946

Delta R.T. -0.003 min

Lab File: BG058675.D

Acq: 10 Aug 2023 12:05

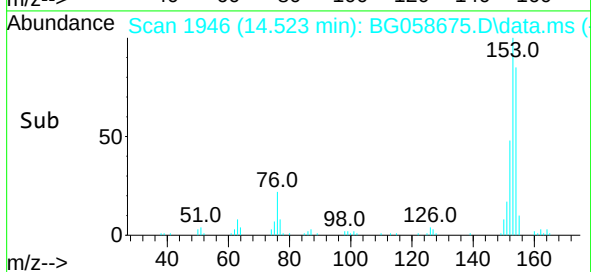
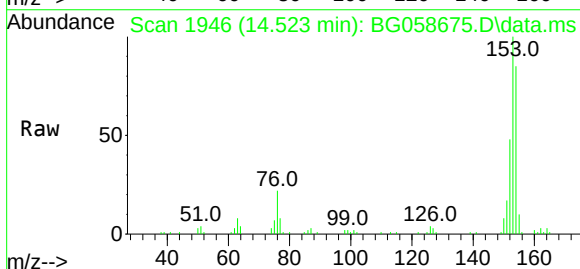
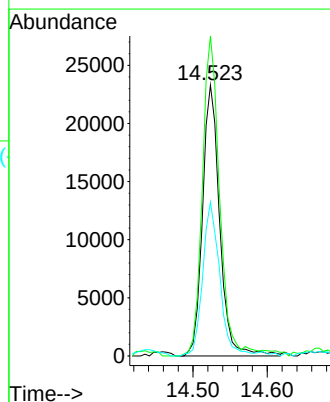
Tgt Ion:154 Resp: 37565

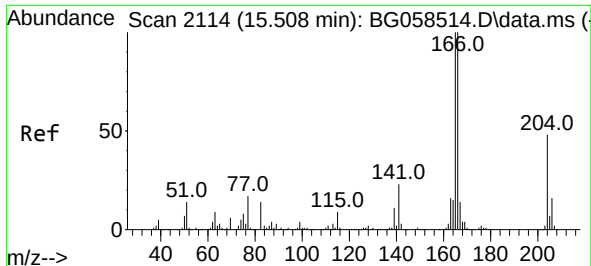
Ion Ratio Lower Upper

154 100

153 118.2 91.1 136.7

152 56.8 44.6 66.8

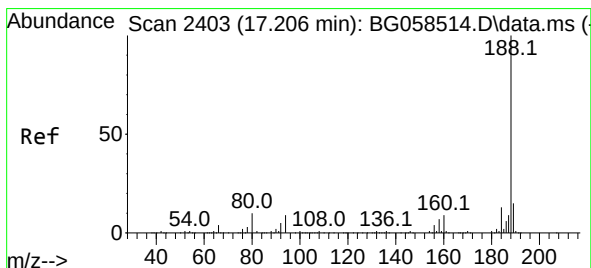
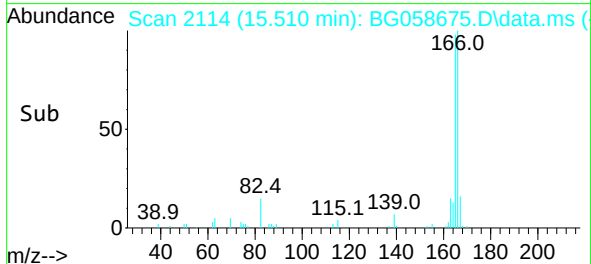
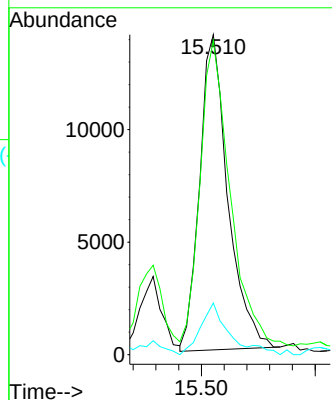
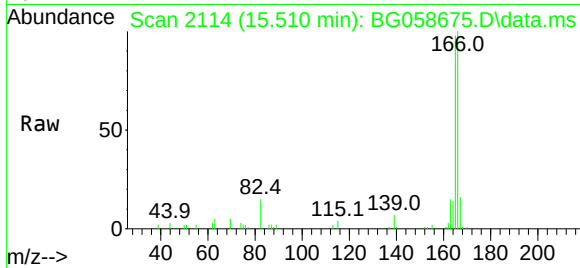




#58
 Fluorene
 Concen: 2.526 ng
 RT: 15.510 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

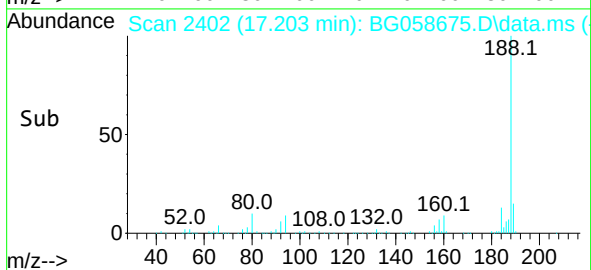
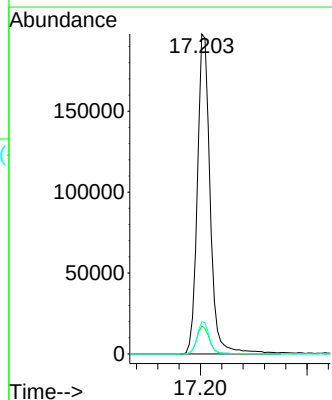
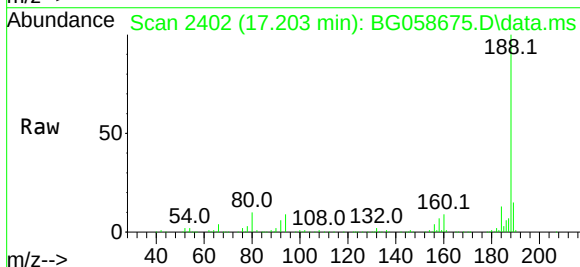
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 NEVINS-SB-01-Z67-69DL

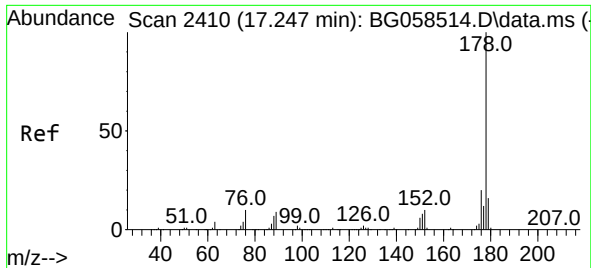
Tgt Ion:166 Resp: 24199
 Ion Ratio Lower Upper
 166 100
 165 98.2 80.0 120.0
 167 16.1 11.3 16.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.203 min Scan# 2402
 Delta R.T. -0.003 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

Tgt Ion:188 Resp: 328343
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.6
 80 10.1 8.1 12.1

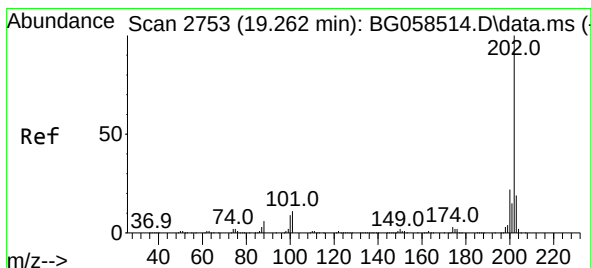
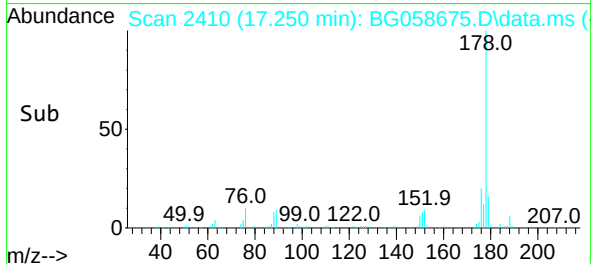
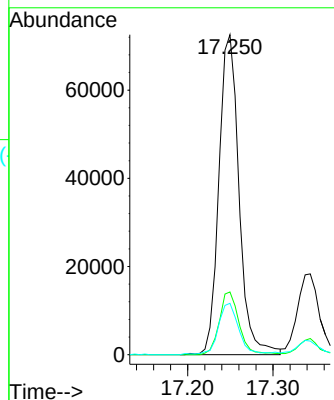
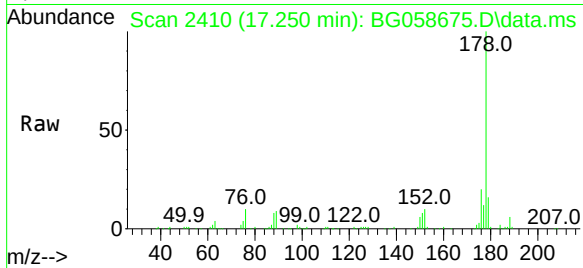




#71
Phenanthrene
Concen: 7.653 ng
RT: 17.250 min Scan# 2410
Delta R.T. 0.002 min
Lab File: BG058675.D
Acq: 10 Aug 2023 12:05

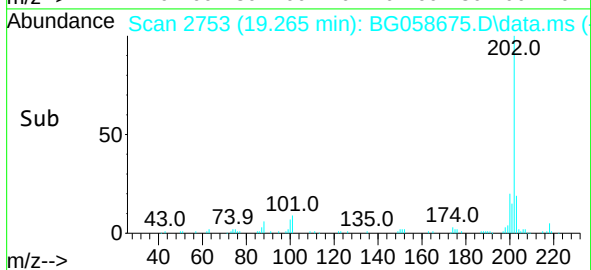
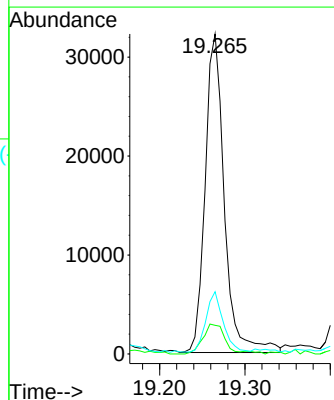
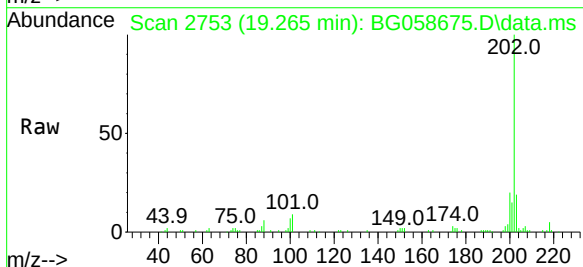
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z67-69DL

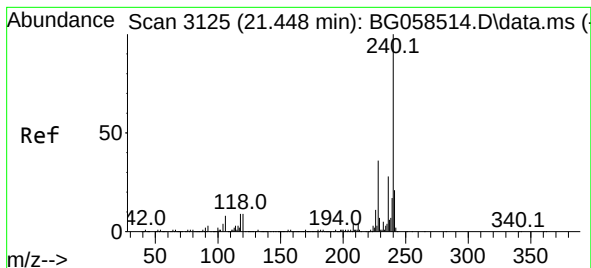
Tgt Ion:178 Resp: 119176
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 16.1 13.1 19.7



#75
Fluoranthene
Concen: 2.690 ng
RT: 19.265 min Scan# 2753
Delta R.T. 0.002 min
Lab File: BG058675.D
Acq: 10 Aug 2023 12:05

Tgt Ion:202 Resp: 50315
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.4
203 19.5 0.0 39.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG058675.D

Acq: 10 Aug 2023 12:05

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z67-69DL

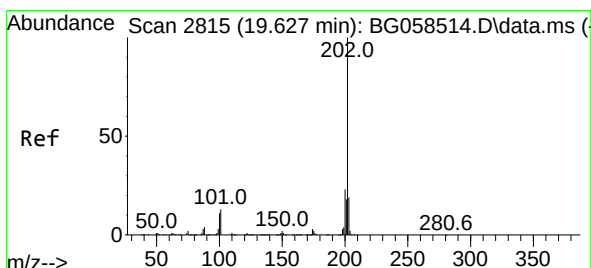
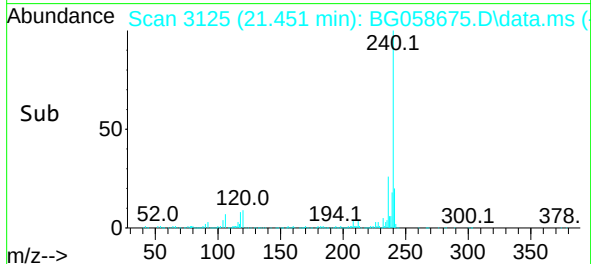
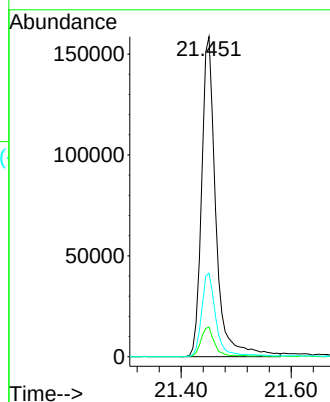
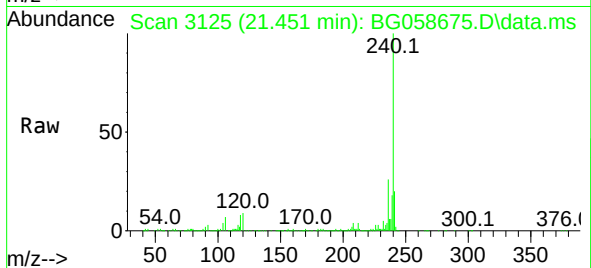
Tgt Ion:240 Resp: 285534

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 26.1 22.2 33.4



#78

Pyrene

Concen: 3.624 ng

RT: 19.623 min Scan# 2814

Delta R.T. -0.003 min

Lab File: BG058675.D

Acq: 10 Aug 2023 12:05

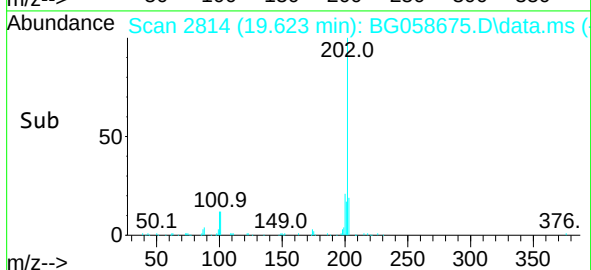
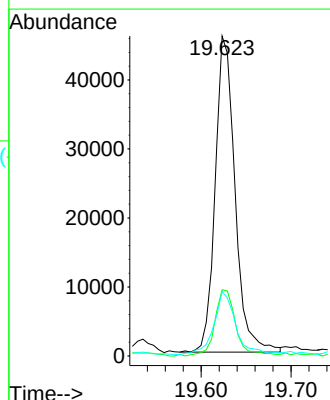
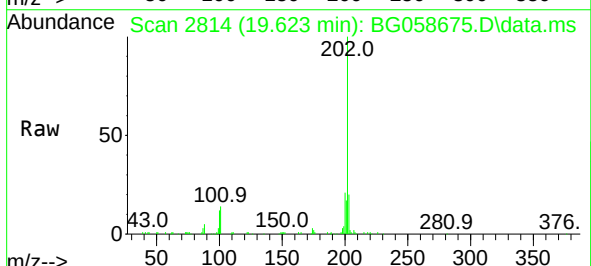
Tgt Ion:202 Resp: 70416

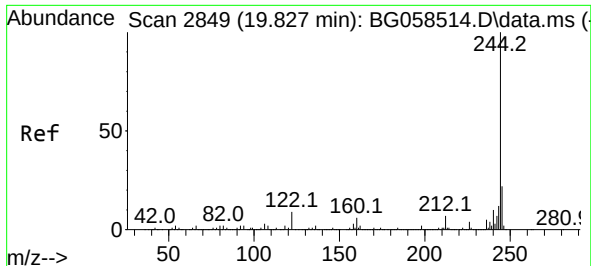
Ion Ratio Lower Upper

202 100

200 20.7 18.2 27.2

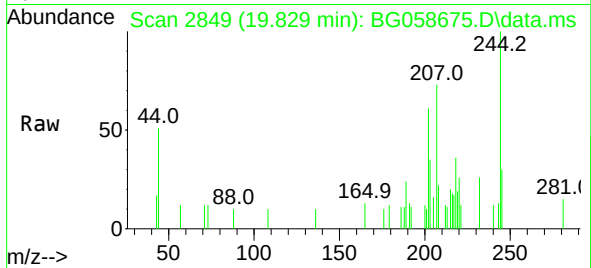
203 20.2 15.1 22.7



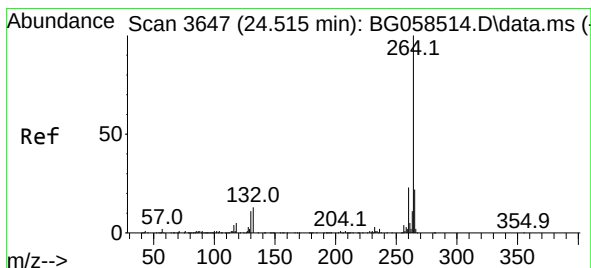
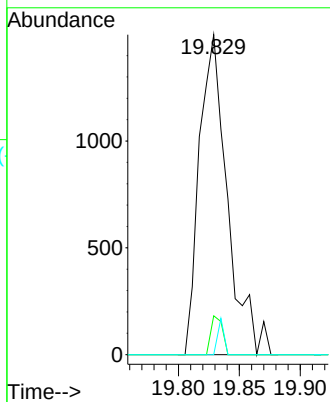
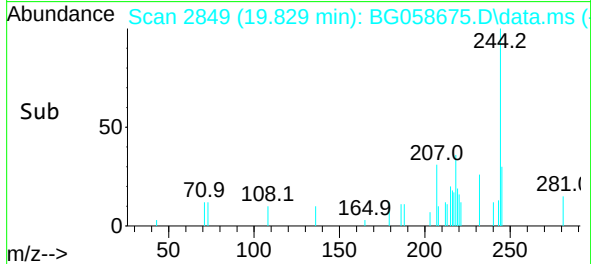


#79
 Terphenyl-d14
 Concen: 0.158 ng
 RT: 19.829 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05

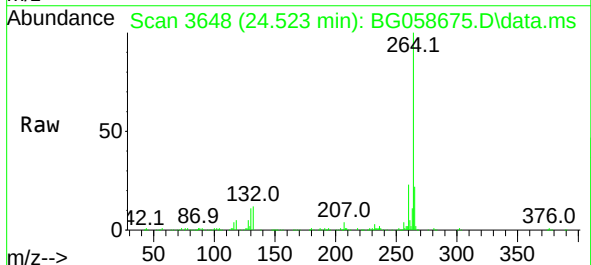
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z67-69DL



Tgt Ion:244 Resp: 2403
 Ion Ratio Lower Upper
 244 100
 212 12.1 5.9 8.9#
 122 0.0 6.8 10.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.523 min Scan# 3648
 Delta R.T. 0.008 min
 Lab File: BG058675.D
 Acq: 10 Aug 2023 12:05



Tgt Ion:264 Resp: 316149
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.0 17.9 26.9

