

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058667.D
 Acq On : 9 Aug 2023 20:44
 Operator : MA/JU
 Sample : 03945-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB01-Z88-90

Quant Time: Aug 10 02:56:15 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)

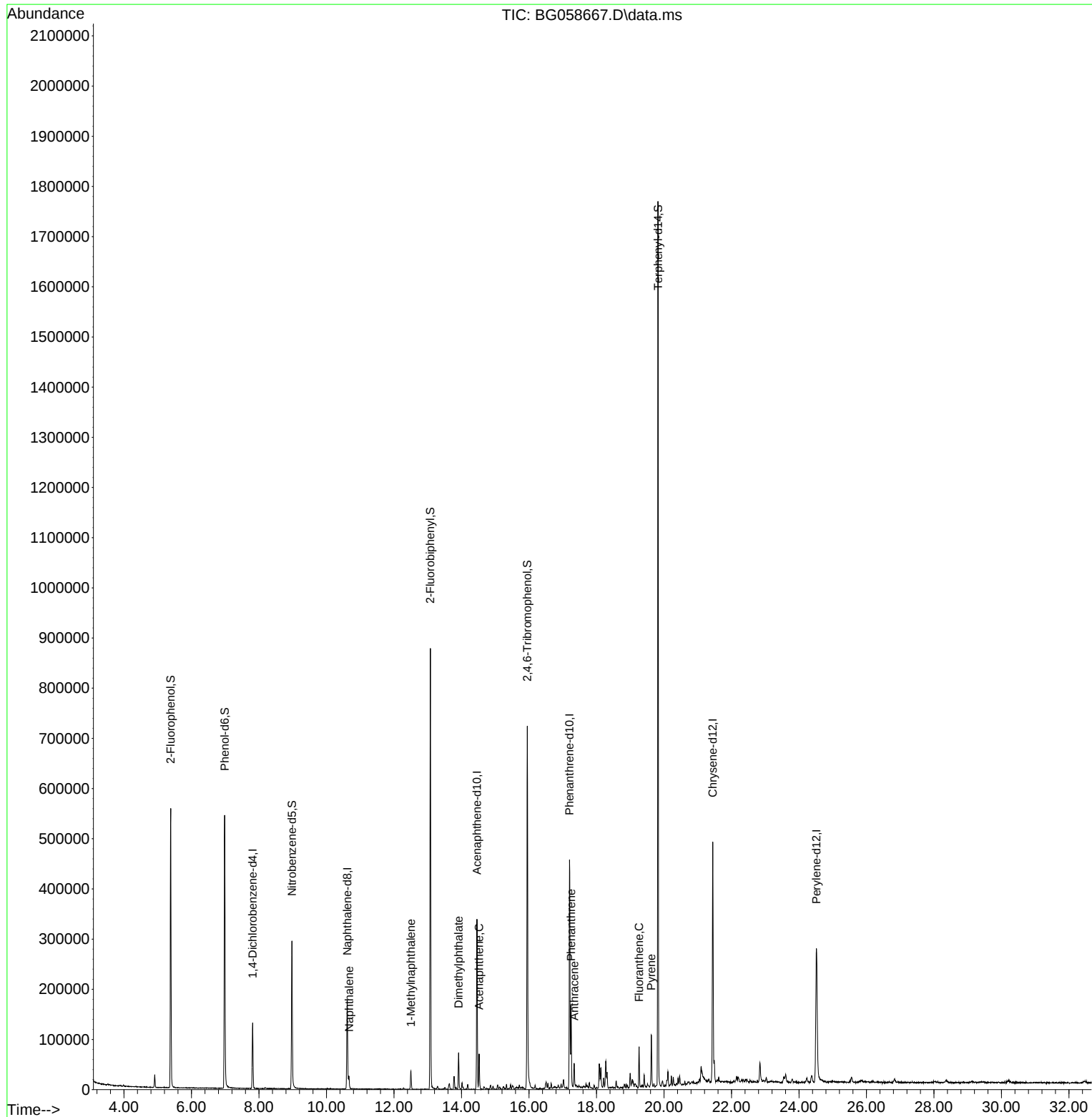
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	36791	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	157414	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	122248	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	302443	20.000	ng	0.00
76) Chrysene-d12	21.444	240	269999	20.000	ng	0.00
86) Perylene-d12	24.516	264	322161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	234734	97.519	ng	0.00
7) Phenol-d6	6.984	99	332754	99.347	ng	0.00
23) Nitrobenzene-d5	8.976	82	193723	60.456	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	170609	85.146	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	482654	59.167	ng	0.00
79) Terphenyl-d14	19.822	244	897363	62.501	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.668	128	21769	2.624	ng	97
38) 1-Methylnaphthalene	12.501	142	18755	3.325	ng	# 95
50) Dimethylphthalate	13.917	163	55241	6.017	ng	98
52) Acenaphthene	14.522	154	25476	4.023	ng	100
71) Phenanthrene	17.248	178	104558	7.290	ng	97
72) Anthracene	17.342	178	33078	2.248	ng	97
75) Fluoranthene	19.264	202	47879	2.779	ng	99
78) Pyrene	19.622	202	67982	3.700	ng	98

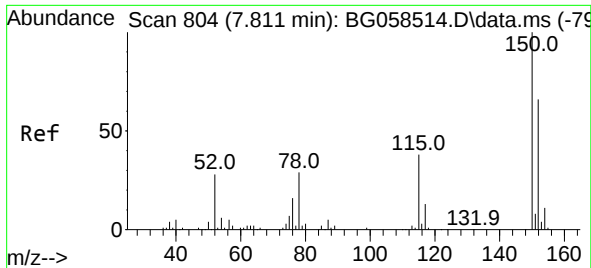
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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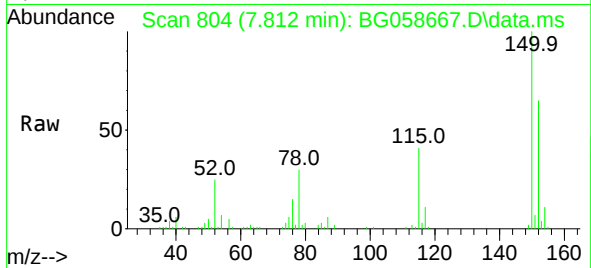
Quant Time: Aug 10 02:56:15 2023
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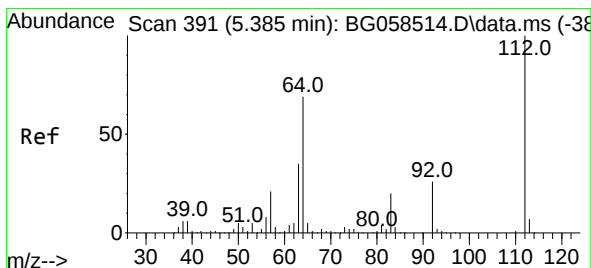
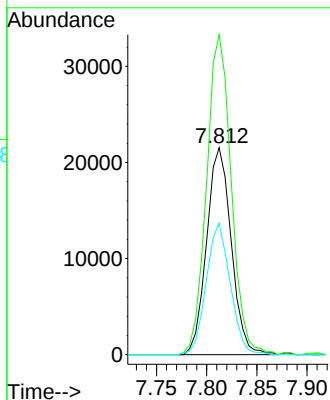
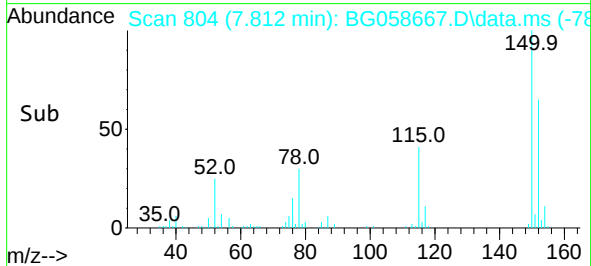


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058667.D
Acq: 9 Aug 2023 20:44

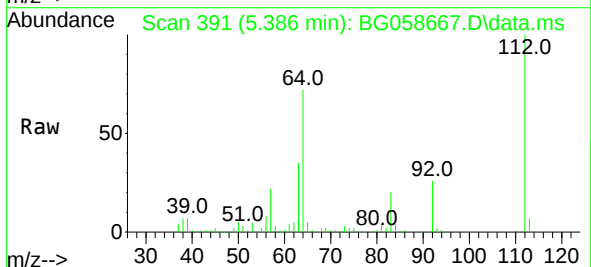
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB01-Z88-90



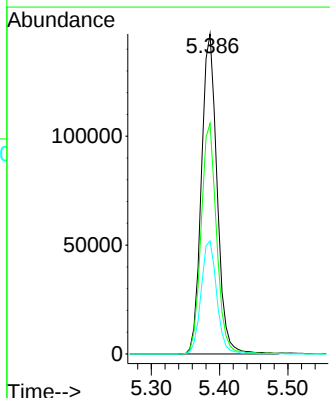
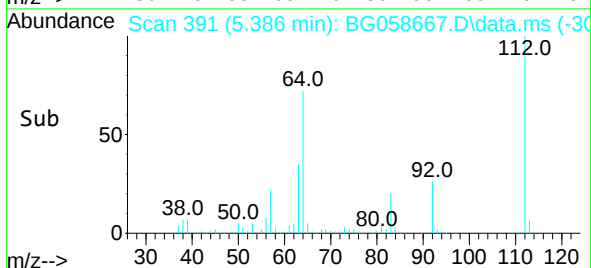
Tgt Ion:152 Resp: 36791
Ion Ratio Lower Upper
152 100
150 154.5 120.5 180.7
115 63.5 45.9 68.9

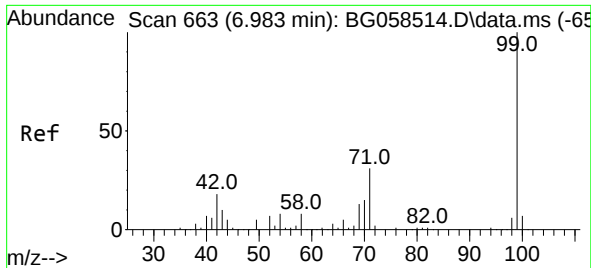


#5
2-Fluorophenol
Concen: 97.519 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058667.D
Acq: 9 Aug 2023 20:44



Tgt Ion:112 Resp: 234734
Ion Ratio Lower Upper
112 100
64 72.1 55.3 82.9
63 35.3 28.3 42.5





#7

Phenol-d6

Concen: 99.347 ng

RT: 6.984 min Scan# 6

Delta R.T. 0.001 min

Lab File: BG058667.D

Acq: 9 Aug 2023 20:44

Instrument :

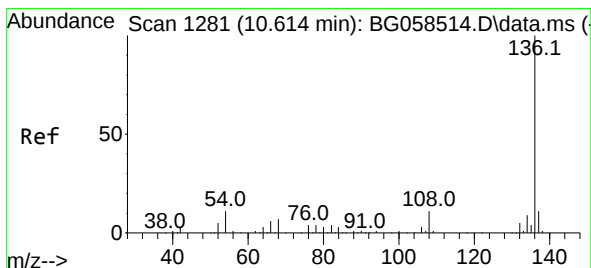
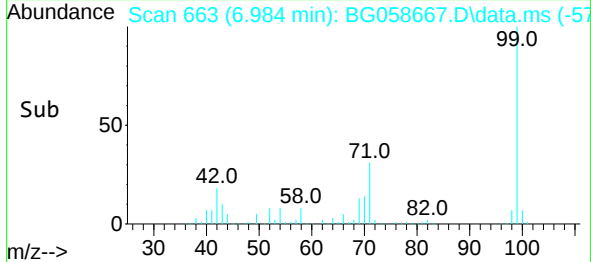
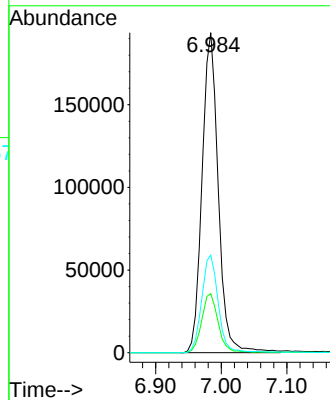
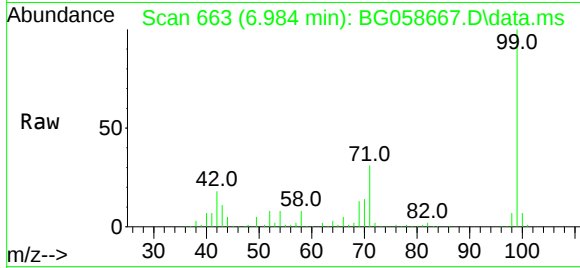
BNA_G

ClientSampleId :

NEVINS-SB01-Z88-90

Tgt Ion: 99 Resp: 332754

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	30.5	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.615 min Scan# 1281

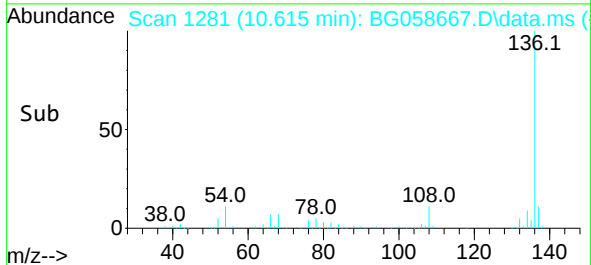
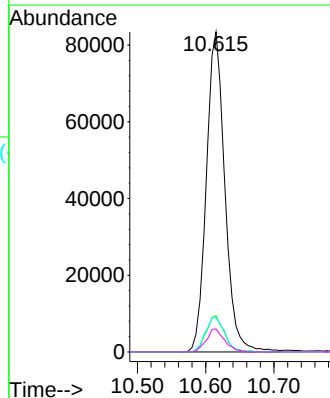
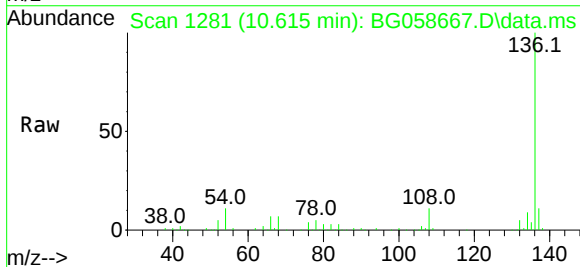
Delta R.T. 0.001 min

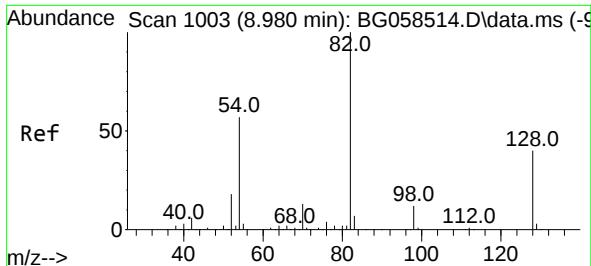
Lab File: BG058667.D

Acq: 9 Aug 2023 20:44

Tgt Ion: 136 Resp: 157414

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	10.7	8.9	13.3
68	7.2	5.6	8.4

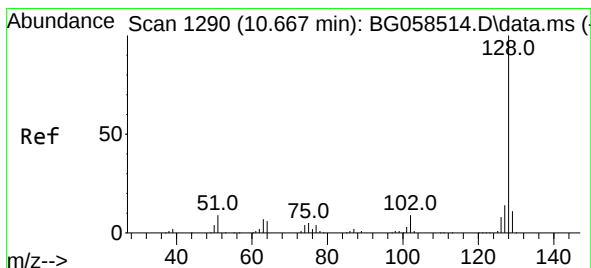
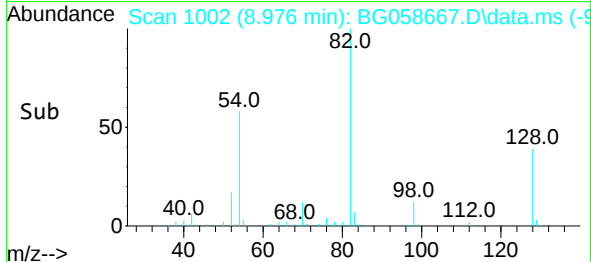
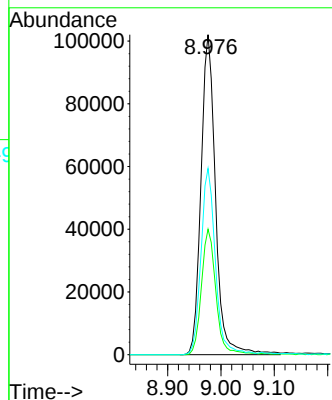
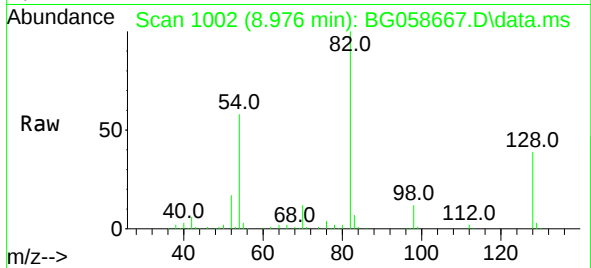




#23
 Nitrobenzene-d5
 Concen: 60.456 ng
 RT: 8.976 min Scan# 1003
 Delta R.T. -0.005 min
 Lab File: BG058667.D
 Acq: 9 Aug 2023 20:44

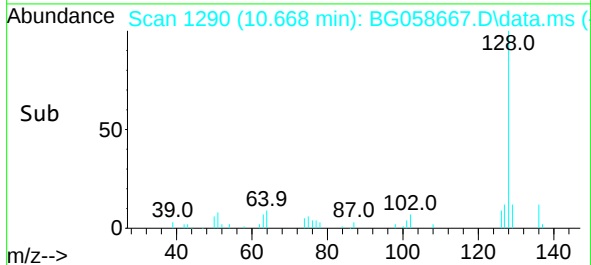
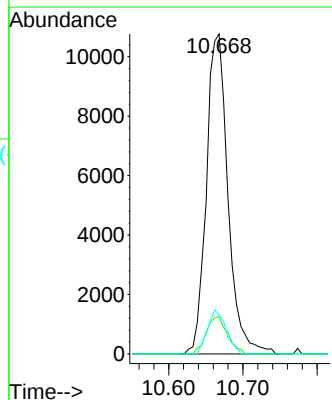
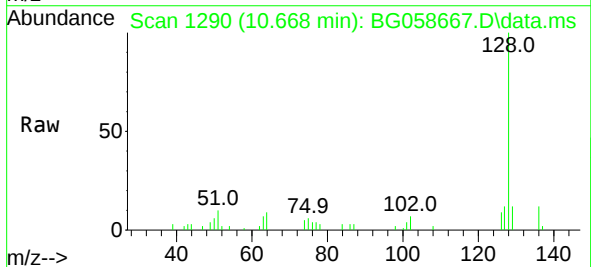
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB01-Z88-90

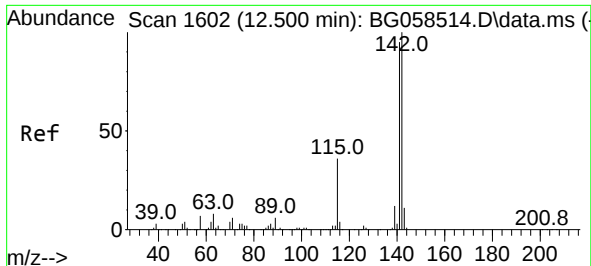
Tgt Ion: 82 Resp: 193723
 Ion Ratio Lower Upper
 82 100
 128 39.2 32.2 48.2
 54 58.2 46.0 69.0



#31
 Naphthalene
 Concen: 2.624 ng
 RT: 10.668 min Scan# 1290
 Delta R.T. 0.001 min
 Lab File: BG058667.D
 Acq: 9 Aug 2023 20:44

Tgt Ion: 128 Resp: 21769
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.8 13.2
 127 12.2 10.9 16.3

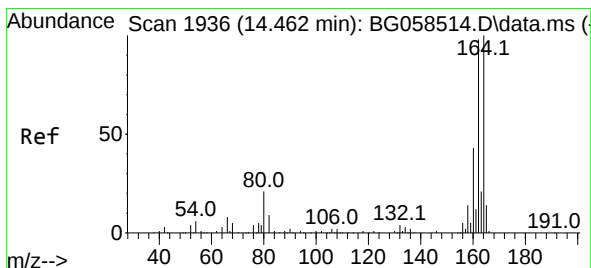
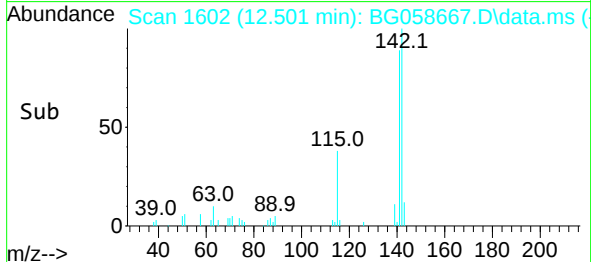
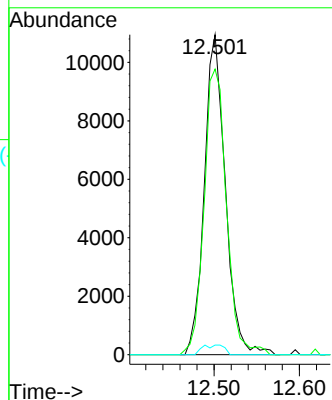
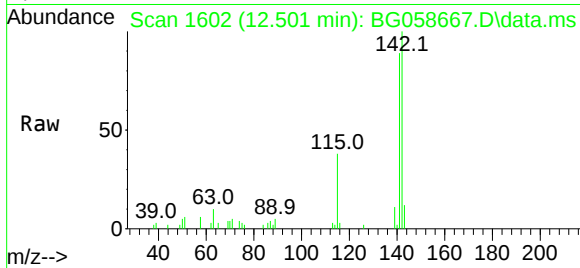




#38
1-Methylnaphthalene
Concen: 3.325 ng
RT: 12.501 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058667.D
Acq: 9 Aug 2023 20:44

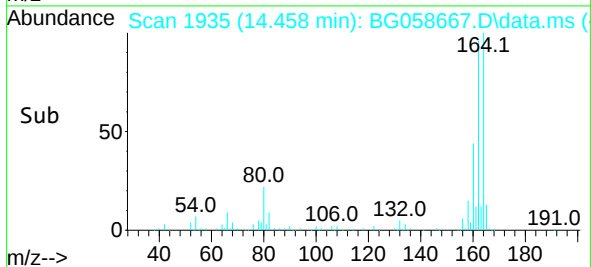
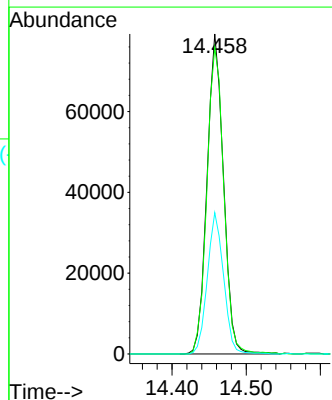
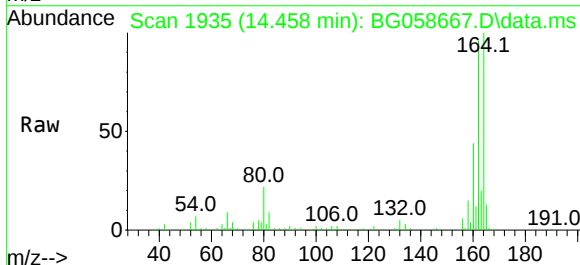
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB01-Z88-90

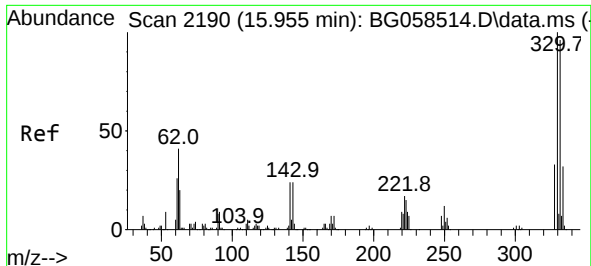
Tgt Ion:142 Resp: 18755
Ion Ratio Lower Upper
142 100
141 89.2 75.7 113.5
116 3.0 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058667.D
Acq: 9 Aug 2023 20:44

Tgt Ion:164 Resp: 122248
Ion Ratio Lower Upper
164 100
162 95.7 78.3 117.5
160 44.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 85.146 ng

RT: 15.950 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058667.D

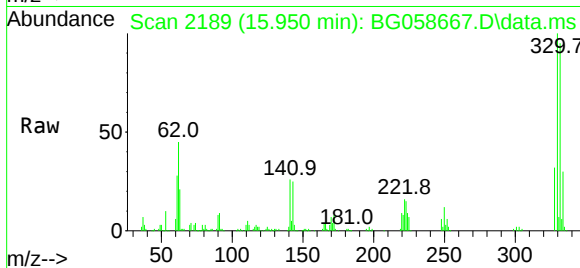
Acq: 9 Aug 2023 20:44

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB01-Z88-90



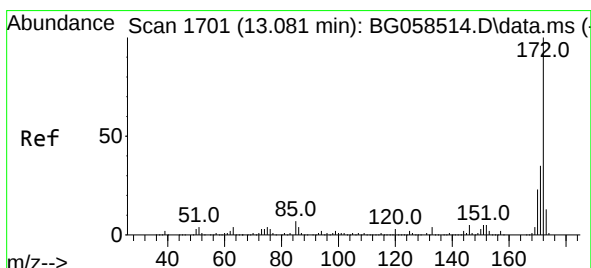
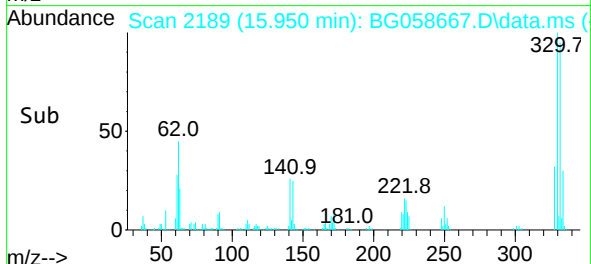
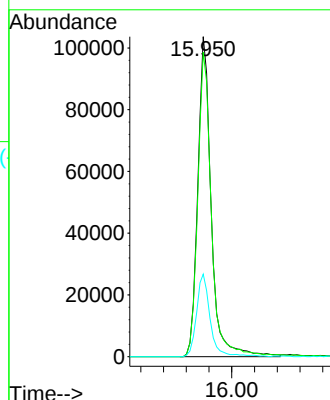
Tgt Ion:330 Resp: 170609

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 26.2 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 59.167 ng

RT: 13.077 min Scan# 1700

Delta R.T. -0.005 min

Lab File: BG058667.D

Acq: 9 Aug 2023 20:44

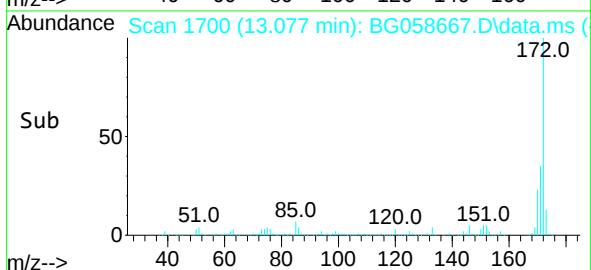
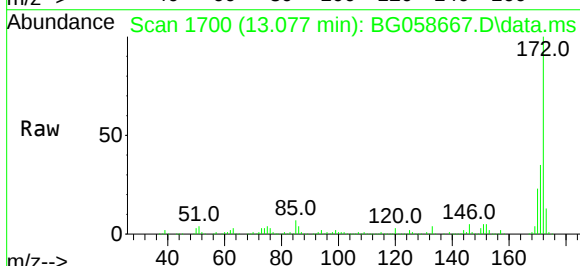
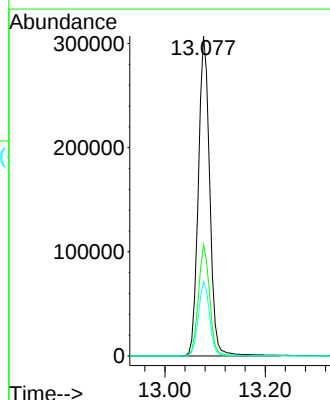
Tgt Ion:172 Resp: 482654

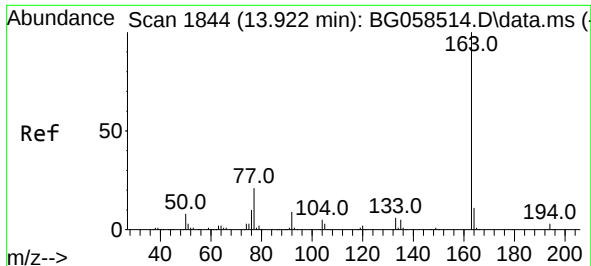
Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.2 18.4 27.6

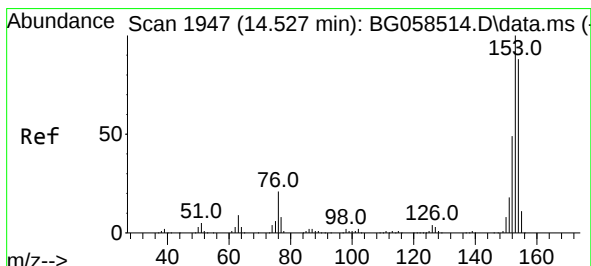
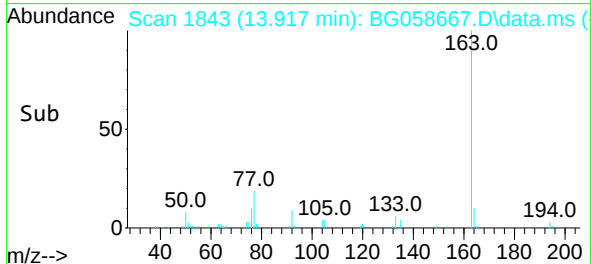
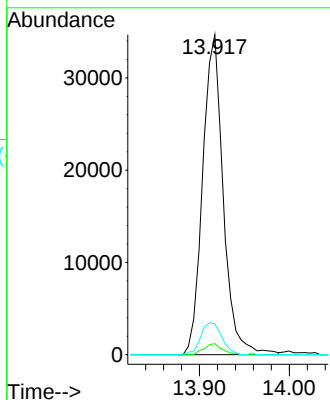
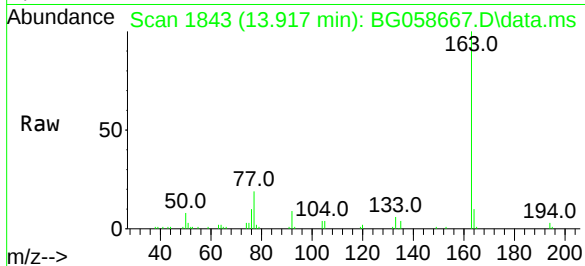




#50
Dimethylphthalate
Concen: 6.017 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.005 min
Lab File: BG058667.D
Acq: 9 Aug 2023 20:44

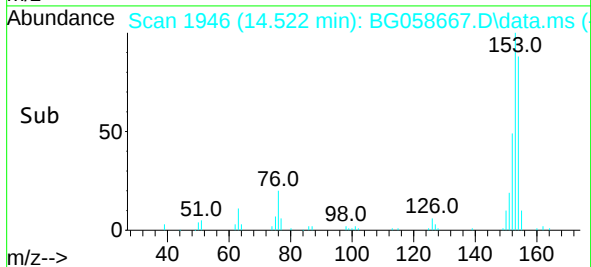
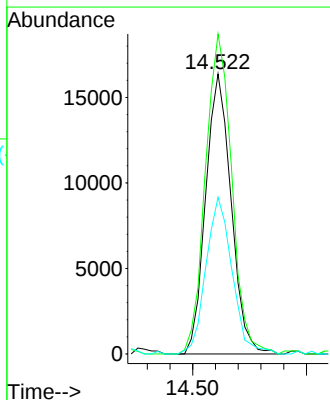
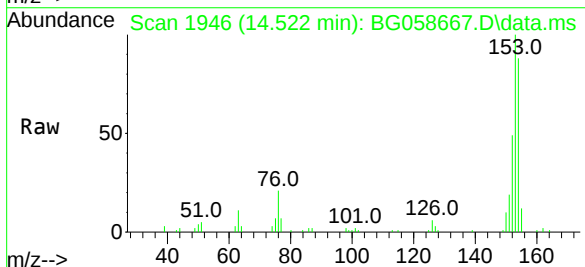
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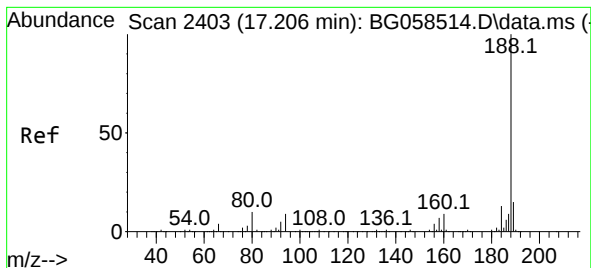
Tgt Ion:163 Resp: 55241
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.6 12.8



#52
Acenaphthene
Concen: 4.023 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG058667.D
Acq: 9 Aug 2023 20:44

Tgt Ion:154 Resp: 25476
Ion Ratio Lower Upper
154 100
153 114.3 91.1 136.7
152 56.0 44.6 66.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2402

Delta R.T. -0.005 min

Lab File: BG058667.D

Acq: 9 Aug 2023 20:44

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB01-Z88-90

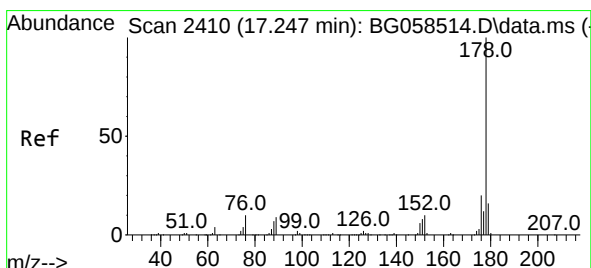
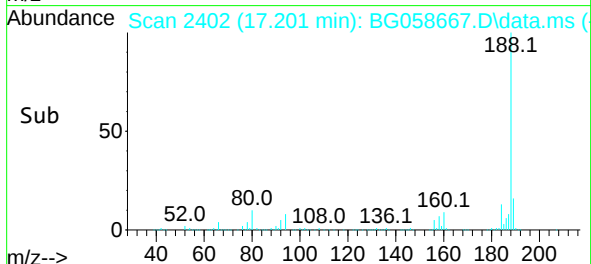
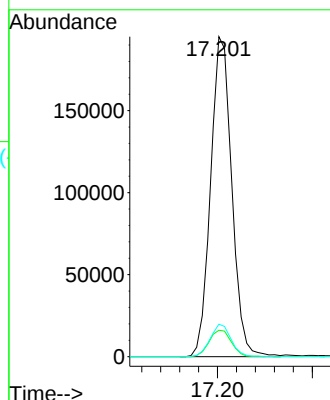
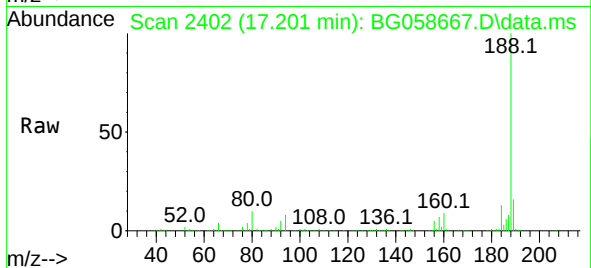
Tgt Ion:188 Resp: 302443

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 10.2 8.1 12.1



#71

Phenanthrene

Concen: 7.290 ng

RT: 17.248 min Scan# 2410

Delta R.T. 0.001 min

Lab File: BG058667.D

Acq: 9 Aug 2023 20:44

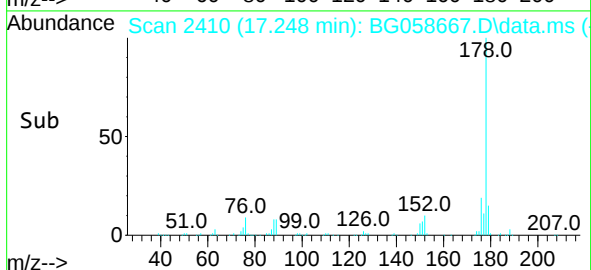
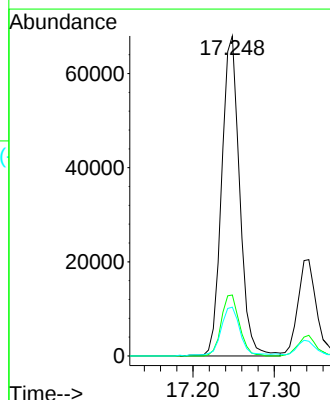
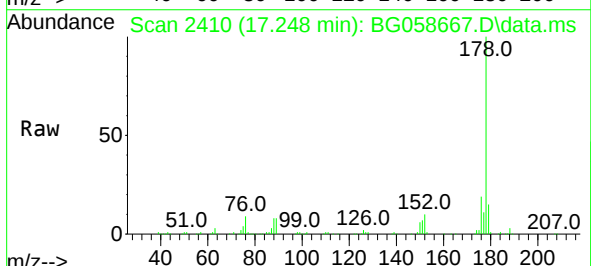
Tgt Ion:178 Resp: 104558

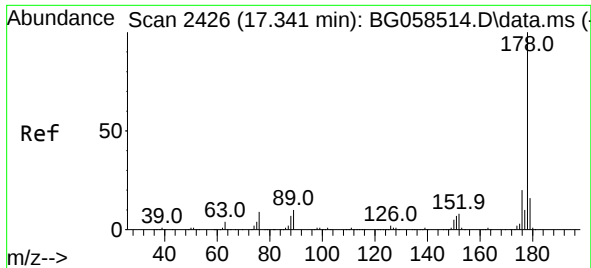
Ion Ratio Lower Upper

178 100

176 19.1 16.3 24.5

179 15.3 13.1 19.7

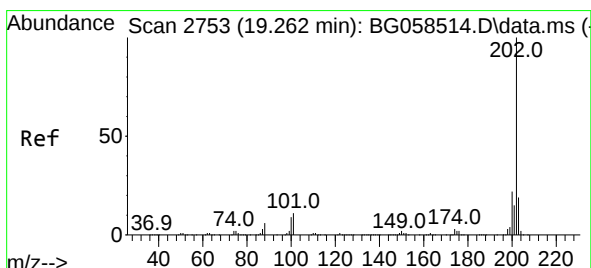
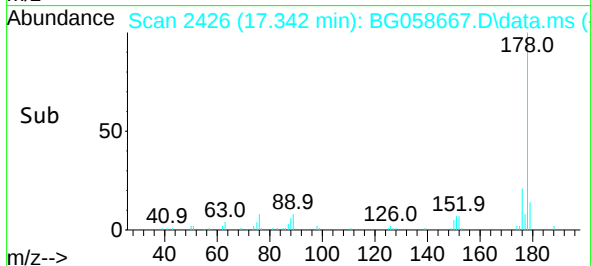
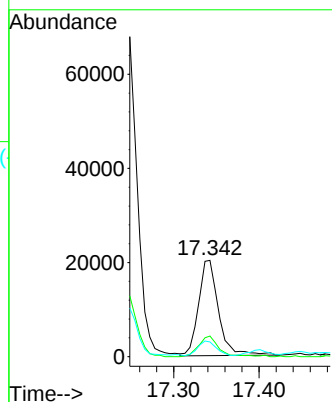
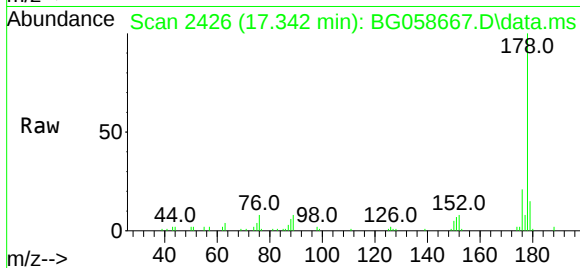




#72
 Anthracene
 Concen: 2.248 ng
 RT: 17.342 min Scan# 2426
 Delta R.T. 0.001 min
 Lab File: BG058667.D
 Acq: 9 Aug 2023 20:44

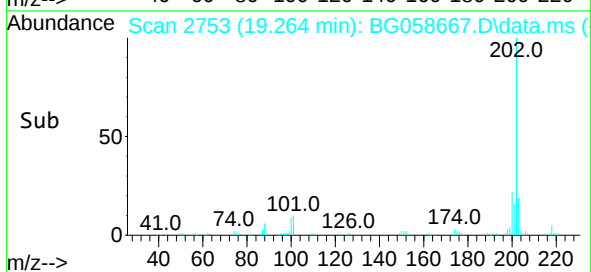
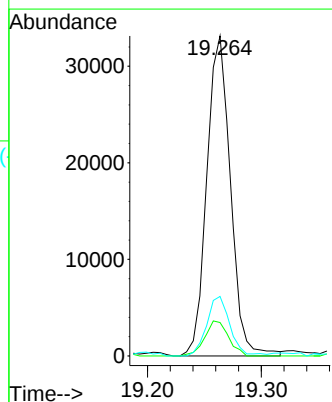
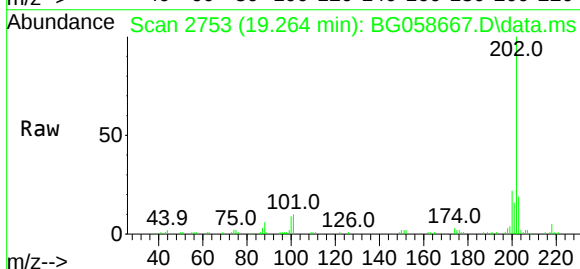
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB01-Z88-90

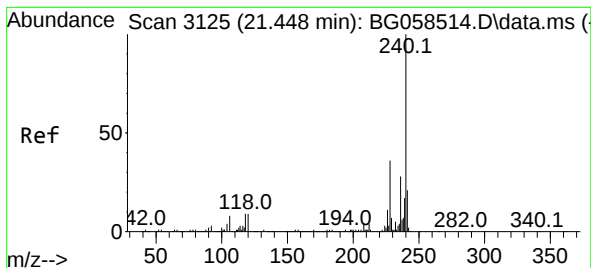
Tgt Ion:	178	Resp:	33078
Ion Ratio	Lower	Upper	
178	100		
176	21.4	16.0	24.0
179	15.3	12.9	19.3



#75
 Fluoranthene
 Concen: 2.779 ng
 RT: 19.264 min Scan# 2753
 Delta R.T. 0.001 min
 Lab File: BG058667.D
 Acq: 9 Aug 2023 20:44

Tgt Ion:	202	Resp:	47879
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.4
203	18.6	0.0	39.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3125

Delta R.T. -0.005 min

Lab File: BG058667.D

Acq: 9 Aug 2023 20:44

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB01-Z88-90

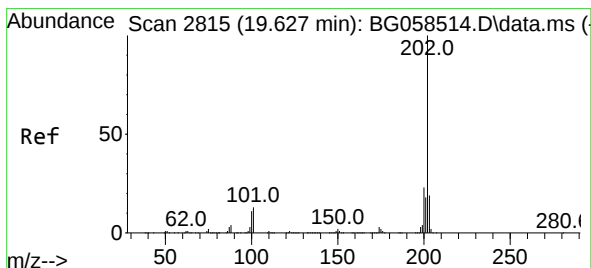
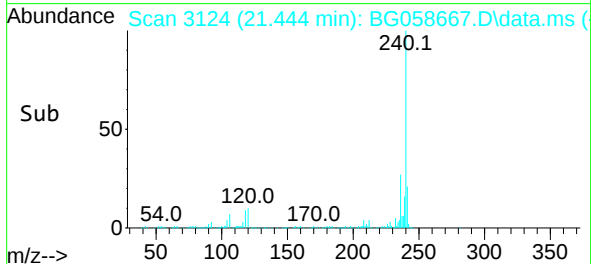
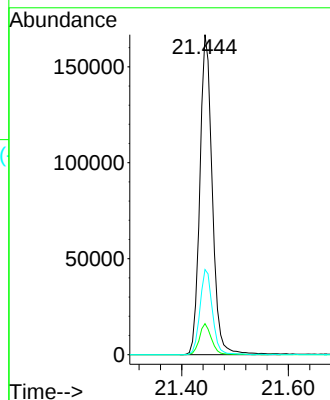
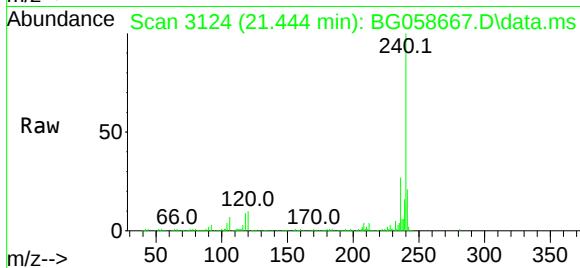
Tgt Ion:240 Resp: 269999

Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 26.6 22.2 33.4



#78

Pyrene

Concen: 3.700 ng

RT: 19.622 min Scan# 2814

Delta R.T. -0.005 min

Lab File: BG058667.D

Acq: 9 Aug 2023 20:44

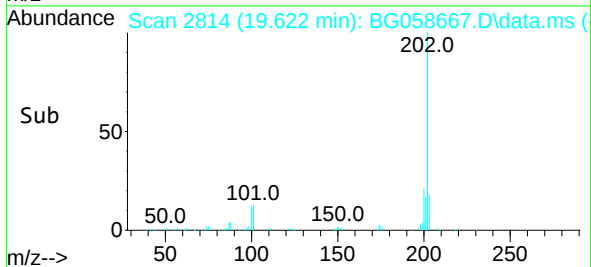
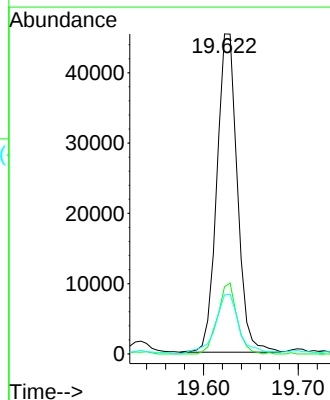
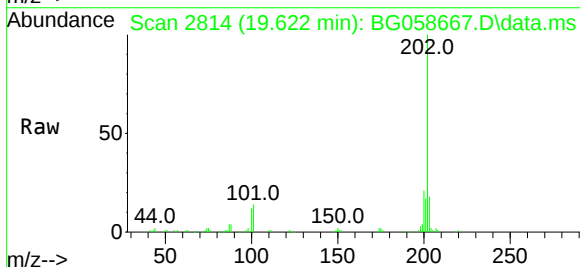
Tgt Ion:202 Resp: 67982

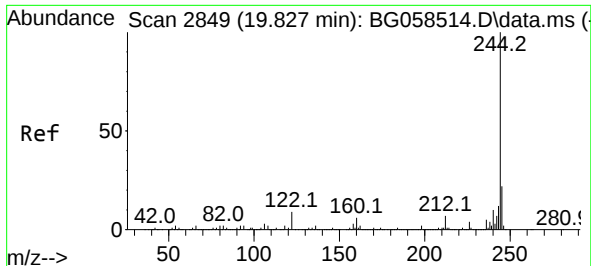
Ion Ratio Lower Upper

202 100

200 21.0 18.2 27.2

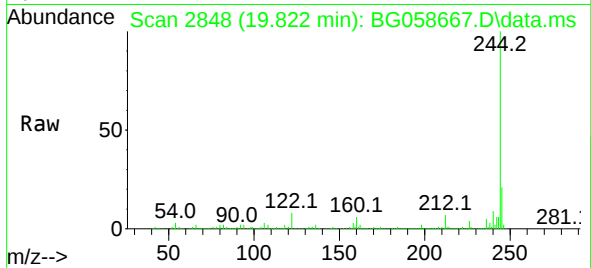
203 18.5 15.1 22.7



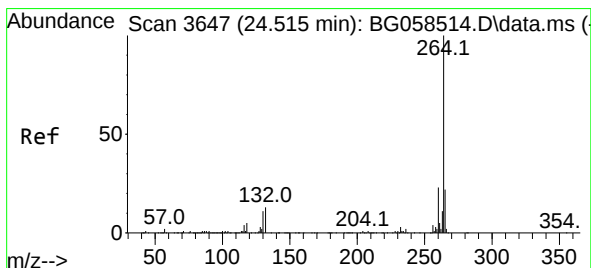
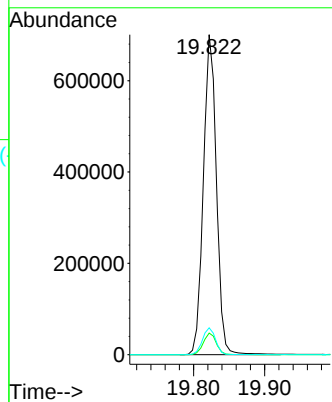
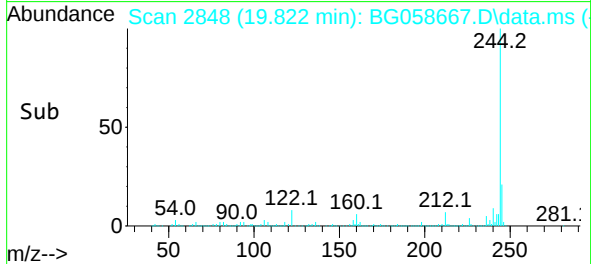


#79
 Terphenyl-d14
 Concen: 62.501 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058667.D
 Acq: 9 Aug 2023 20:44

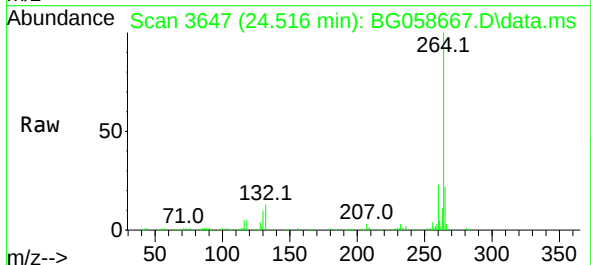
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB01-Z88-90



Tgt Ion:244 Resp: 897363
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058667.D
 Acq: 9 Aug 2023 20:44



Tgt Ion:264 Resp: 322161
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 22.2 17.9 26.9

