

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058676.D
 Acq On : 10 Aug 2023 12:46
 Operator : MA/JU
 Sample : 03932-03DL 250X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32DL

Quant Time: Aug 11 01:53:55 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)

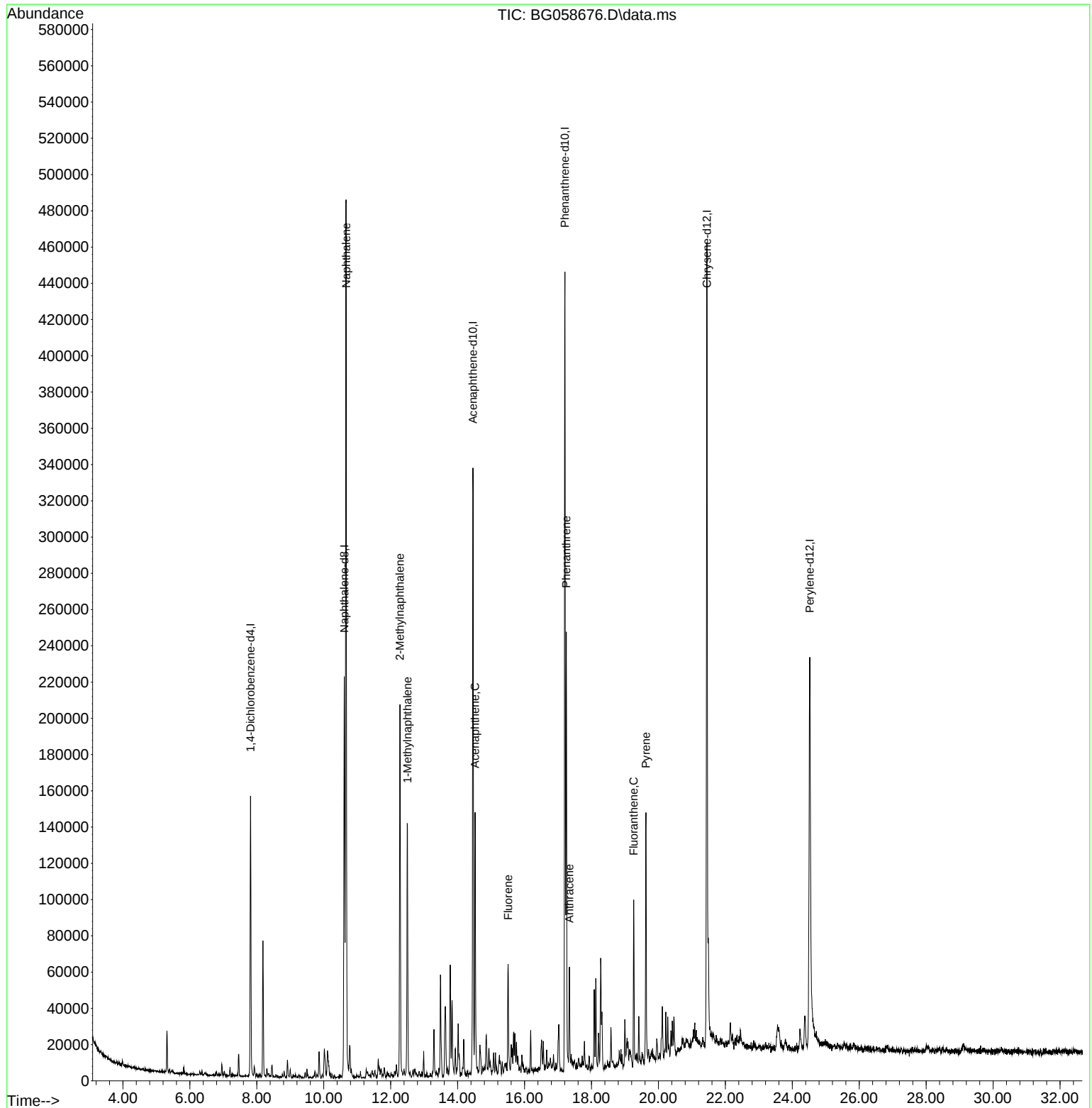
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	43917	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	190804	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	129925	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	302492	20.000	ng	0.00
76) Chrysene-d12	21.449	240	268460	20.000	ng	0.00
86) Perylene-d12	24.522	264	294050	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	13.082	172	1610	0.186	ng	0.00
79) Terphenyl-d14	19.827	244	3067	0.215	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.667	128	431562	42.914	ng	98
37) 2-Methylnaphthalene	12.277	142	107269	14.912	ng	99
38) 1-Methylnaphthalene	12.501	142	70710	10.341	ng	98
52) Acenaphthene	14.522	154	51687	7.680	ng	96
58) Fluorene	15.509	166	29426	3.203	ng	97
71) Phenanthrene	17.248	178	148774	10.371	ng	97
72) Anthracene	17.342	178	37308	2.535	ng	96
75) Fluoranthene	19.263	202	58724	3.408	ng	97
78) Pyrene	19.628	202	93344	5.109	ng	97

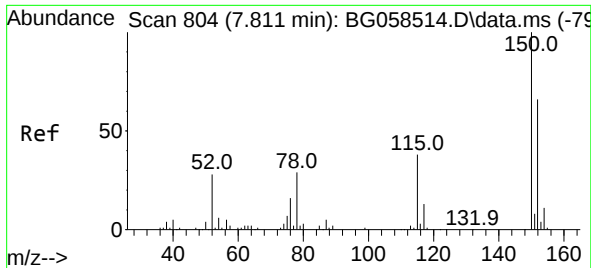
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
Data File : BG058676.D
Acq On : 10 Aug 2023 12:46
Operator : MA/JU
Sample : 03932-03DL 250X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

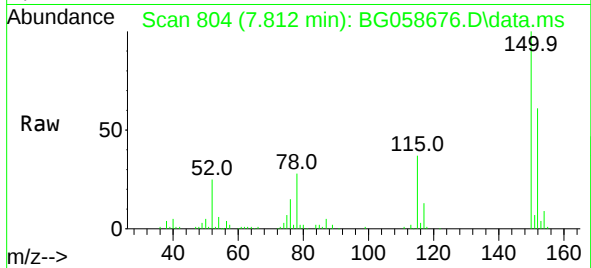
Quant Time: Aug 11 01:53:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration



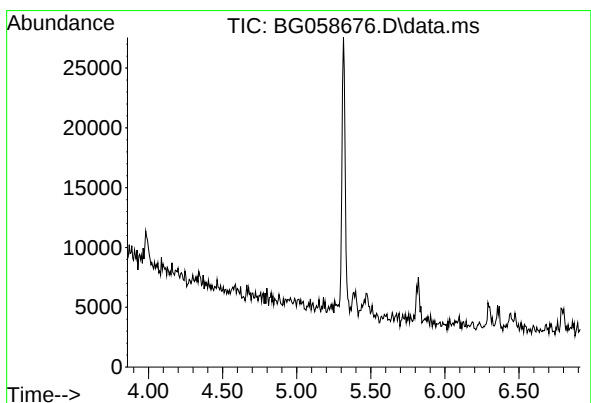
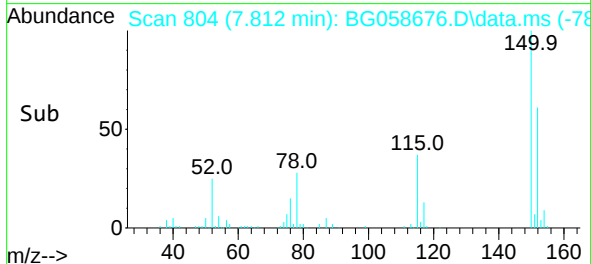
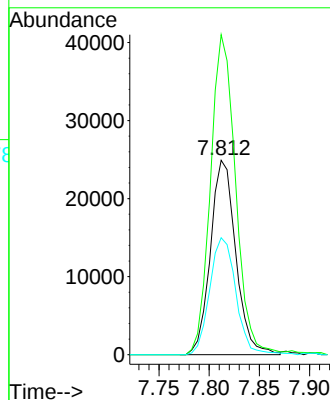


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.812 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32DL



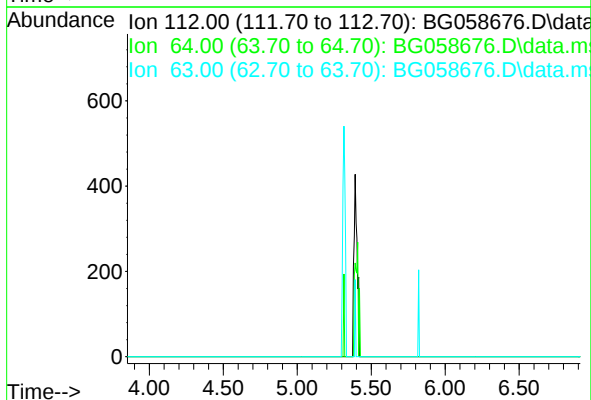
Tgt Ion:152 Resp: 43917
 Ion Ratio Lower Upper
 152 100
 150 164.7 120.5 180.7
 115 60.2 45.9 68.9

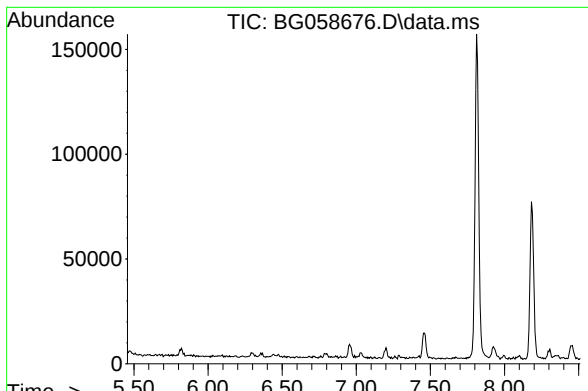


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.38 min

Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

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



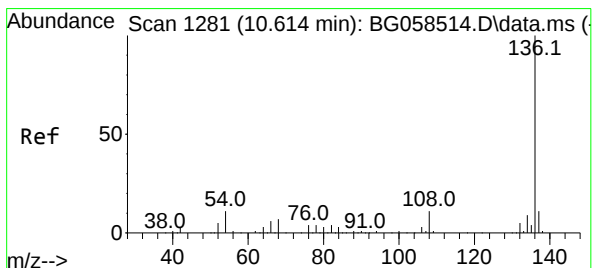
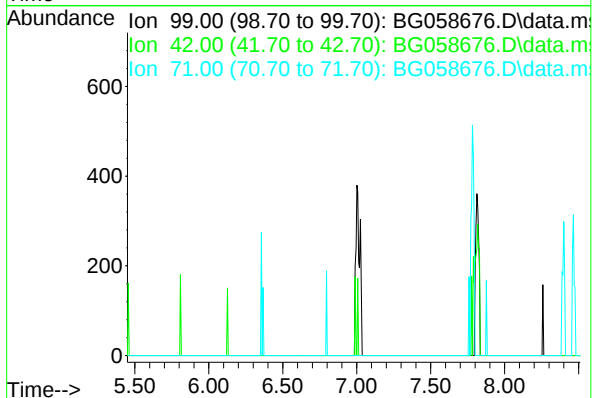


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.98 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32DL

Tgt Ion: 99

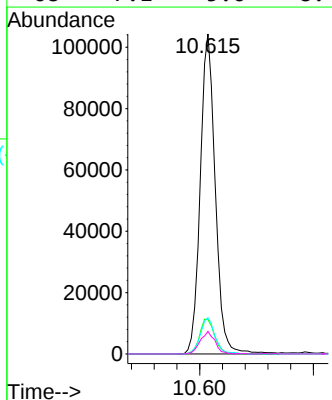
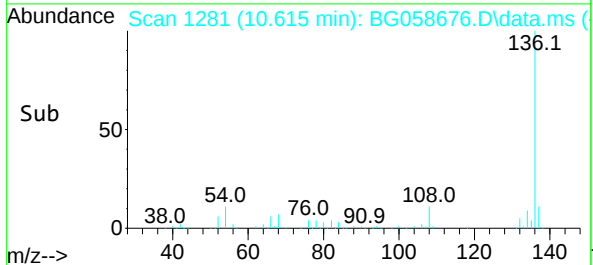
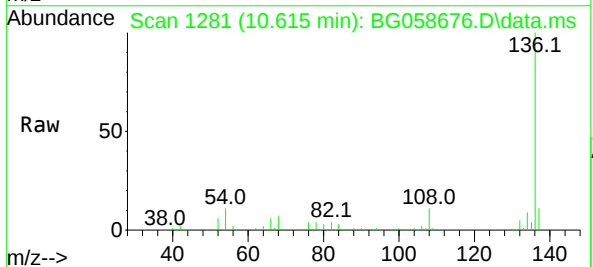
Sig	Exp Ratio
99	100
42	18.2
71	31.2

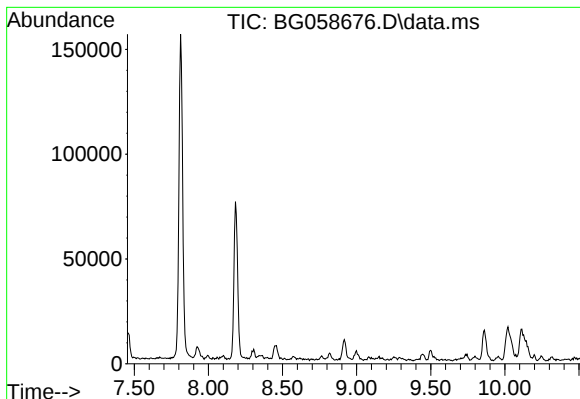


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.615 min Scan# 1281
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

Tgt Ion: 136 Resp: 190804

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	11.4	8.9	13.3
68	7.1	5.6	8.4

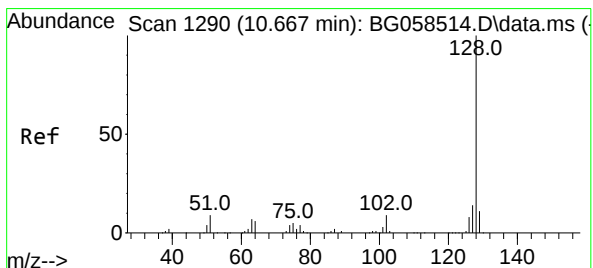
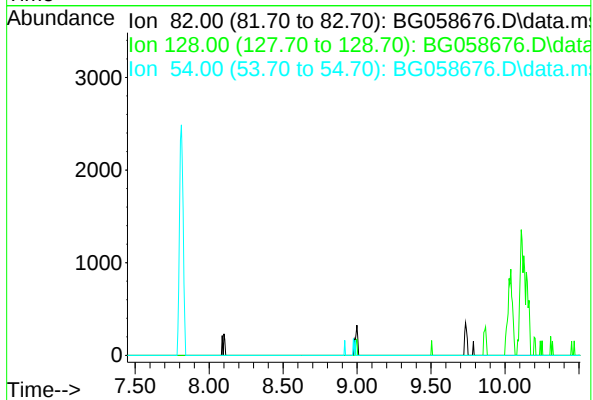




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.98 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

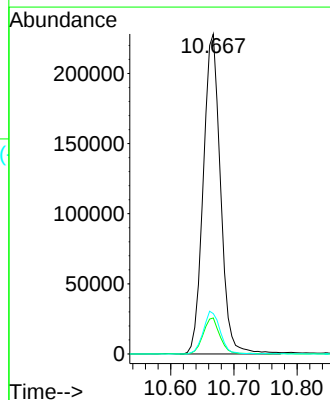
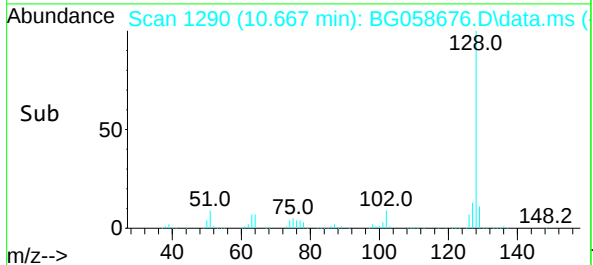
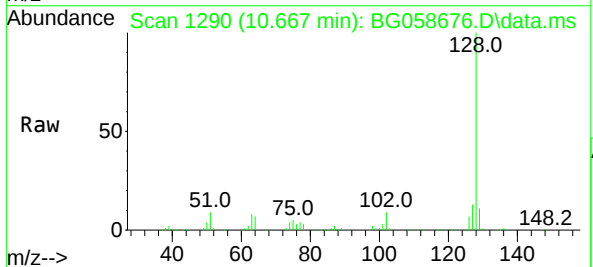
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32DL

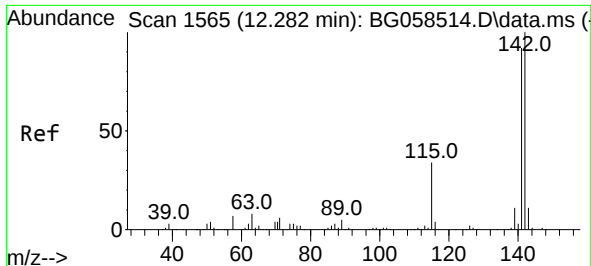
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 40.2
 54 57.5



#31
 Naphthalene
 Concen: 42.914 ng
 RT: 10.667 min Scan# 1290
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

Tgt Ion:128 Resp: 431562
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.8 13.2
 127 12.6 10.9 16.3





#37

2-Methylnaphthalene

Concen: 14.912 ng

RT: 12.277 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058676.D

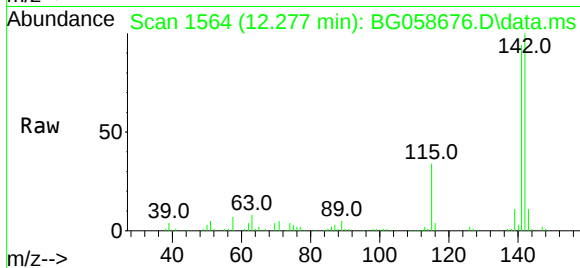
Acq: 10 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32DL



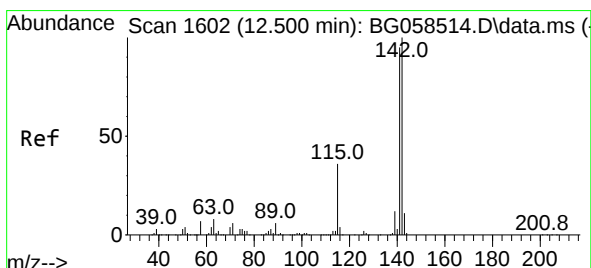
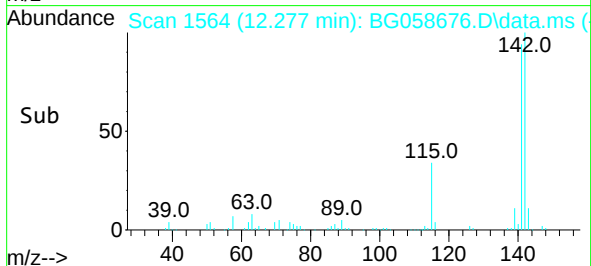
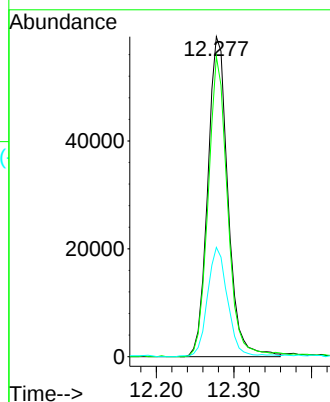
Tgt Ion:142 Resp: 107269

Ion Ratio Lower Upper

142 100

141 93.8 73.5 110.3

115 34.2 27.4 41.0



#38

1-Methylnaphthalene

Concen: 10.341 ng

RT: 12.501 min Scan# 1602

Delta R.T. 0.001 min

Lab File: BG058676.D

Acq: 10 Aug 2023 12:46

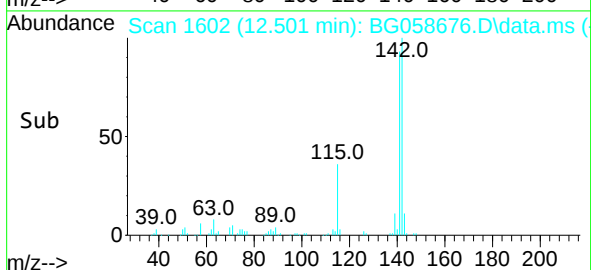
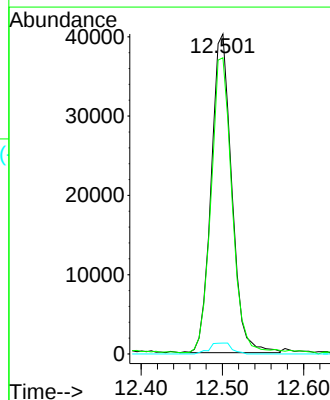
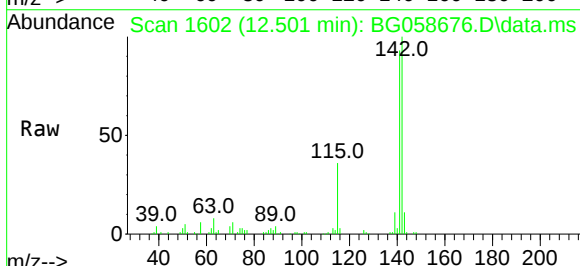
Tgt Ion:142 Resp: 70710

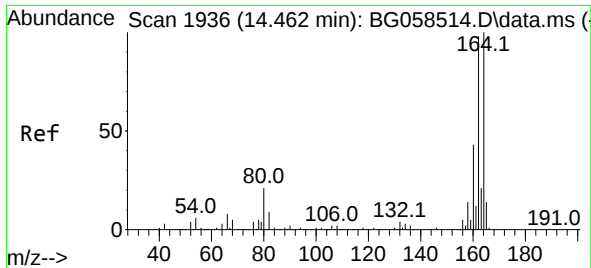
Ion Ratio Lower Upper

142 100

141 92.5 75.7 113.5

116 3.4 3.2 4.8

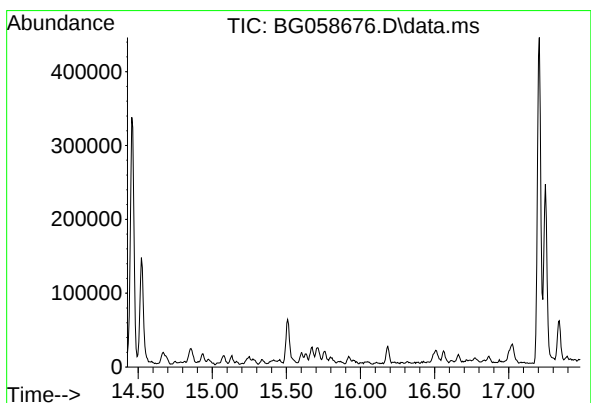
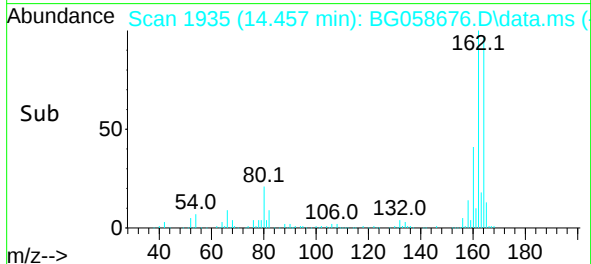
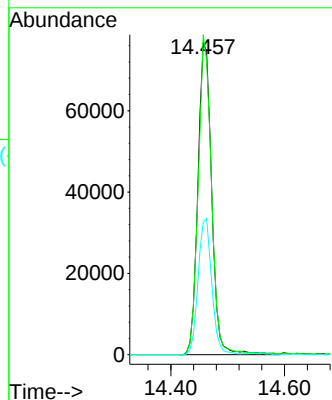
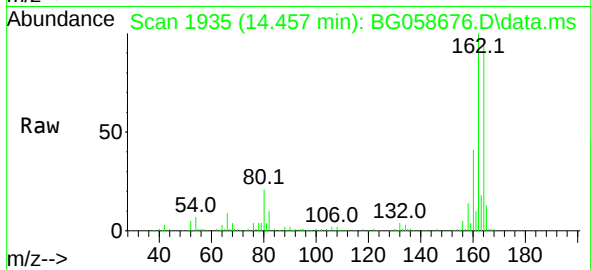




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1935
 Delta R.T. -0.005 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32DL

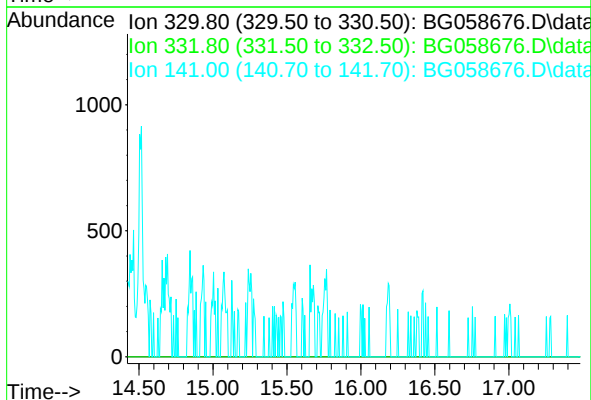
Tgt Ion:164 Resp: 129925
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.3 117.5
 160 42.4 34.1 51.1

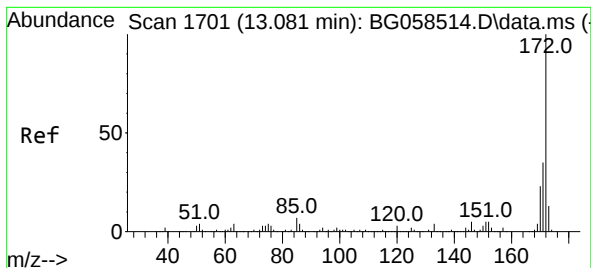


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.95 min

Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.9
 141 25.9

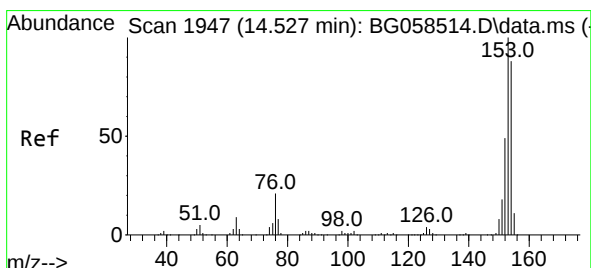
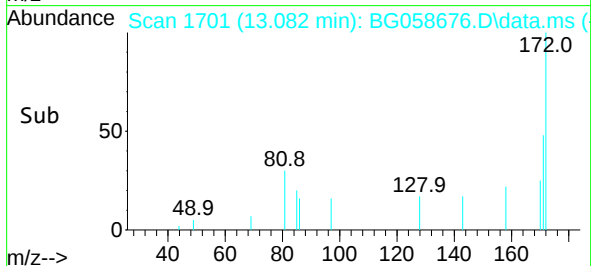
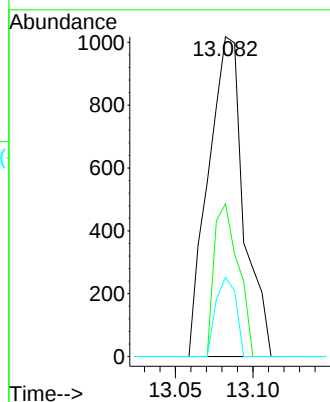
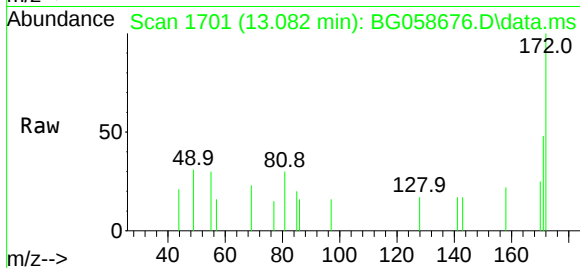




#45
2-Fluorobiphenyl
Concen: 0.186 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

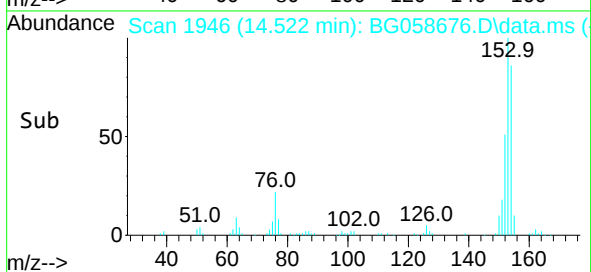
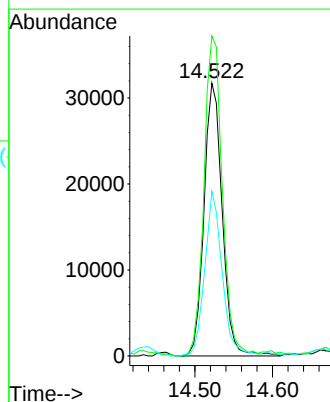
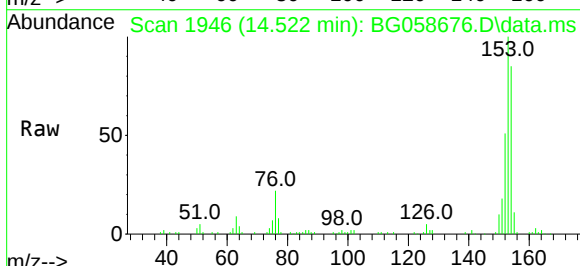
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

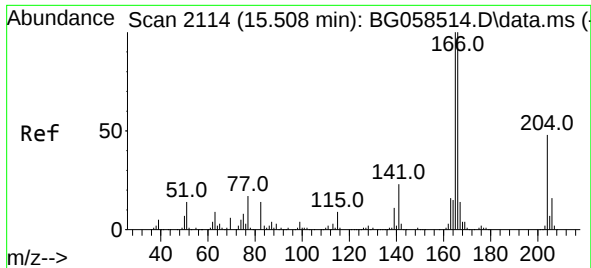
Tgt Ion:	172	Resp:	1610
Ion	Ratio	Lower	Upper
172	100		
171	47.7	28.0	42.0#
170	24.8	18.4	27.6



#52
Acenaphthene
Concen: 7.680 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

Tgt Ion:	154	Resp:	51687
Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.1	136.7
152	60.4	44.6	66.8

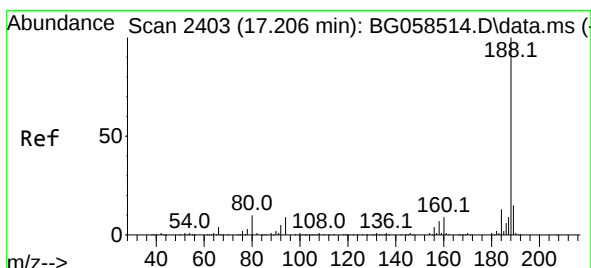
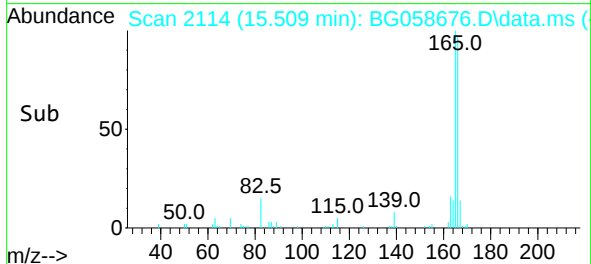
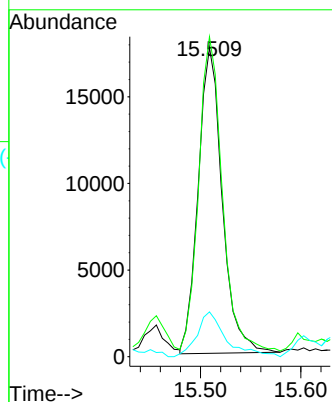
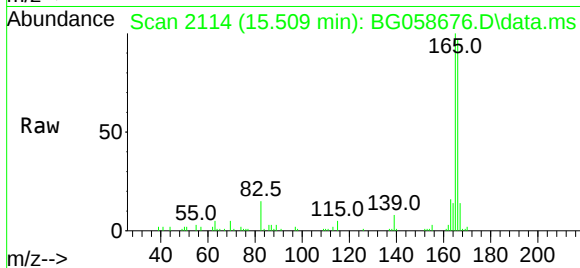




#58
 Fluorene
 Concen: 3.203 ng
 RT: 15.509 min Scan# 2114
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

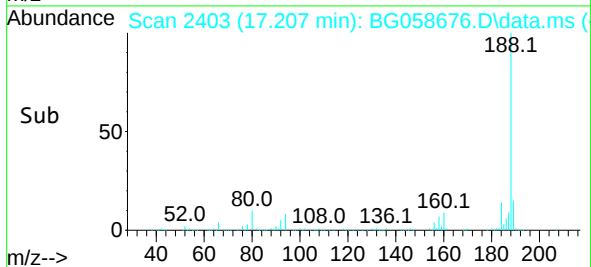
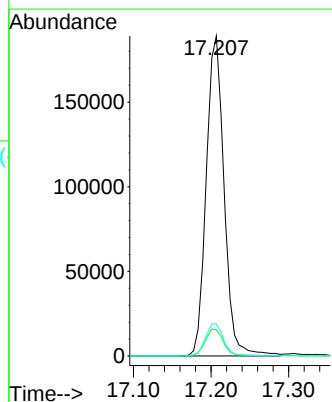
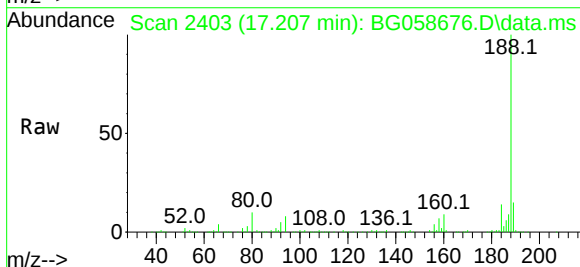
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32DL

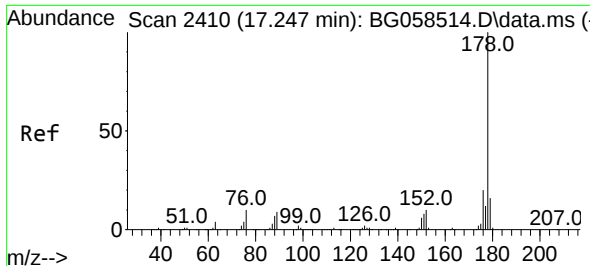
Tgt Ion:166 Resp: 29426
 Ion Ratio Lower Upper
 166 100
 165 103.5 80.0 120.0
 167 14.5 11.3 16.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.207 min Scan# 2403
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

Tgt Ion:188 Resp: 302492
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.0 10.6
 80 10.1 8.1 12.1

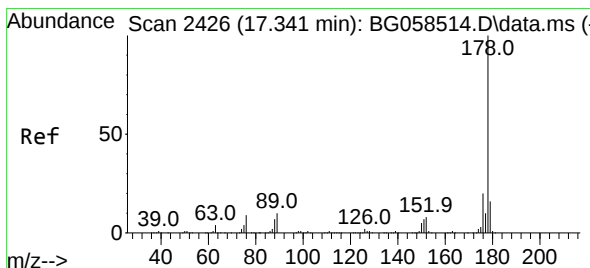
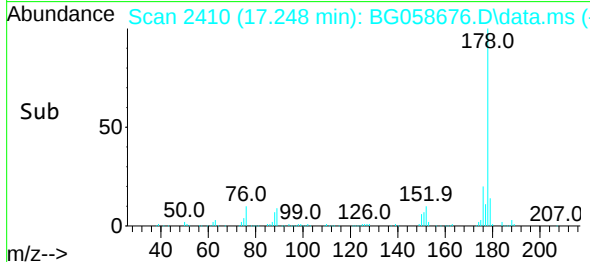
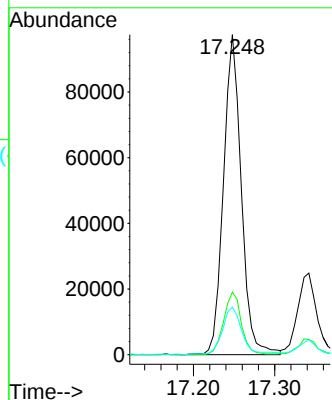
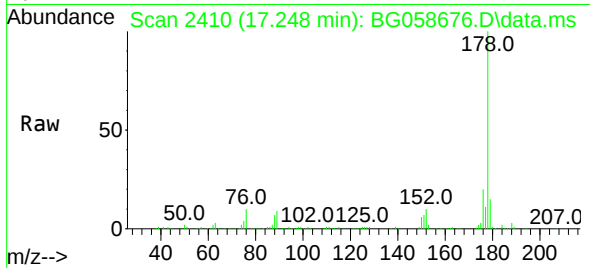




#71
Phenanthrene
Concen: 10.371 ng
RT: 17.248 min Scan# 2410
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

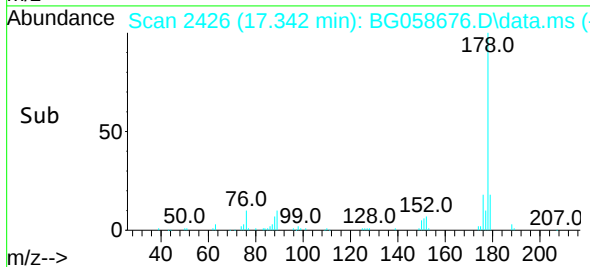
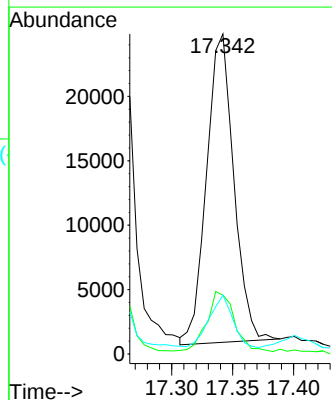
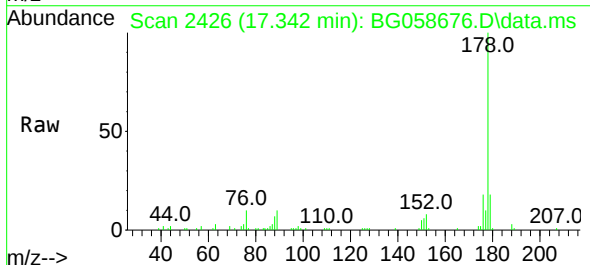
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

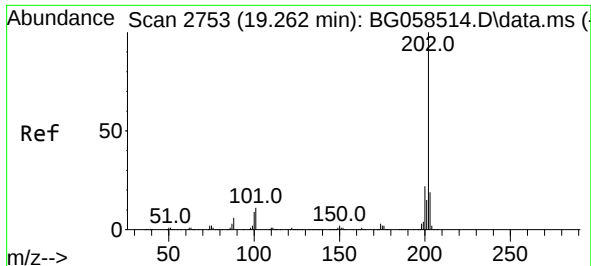
Tgt Ion:178 Resp: 148774
Ion Ratio Lower Upper
178 100
176 19.5 16.3 24.5
179 14.8 13.1 19.7



#72
Anthracene
Concen: 2.535 ng
RT: 17.342 min Scan# 2426
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

Tgt Ion:178 Resp: 37308
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 18.4 12.9 19.3

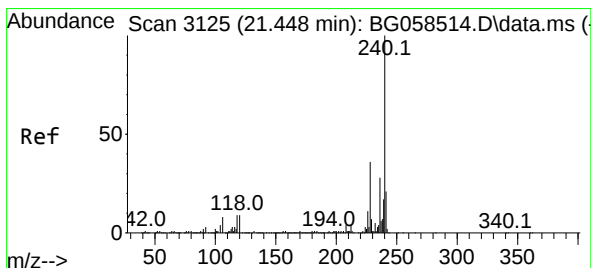
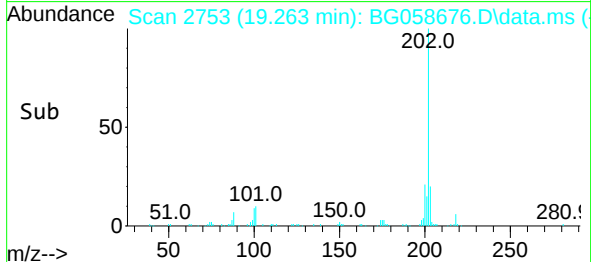
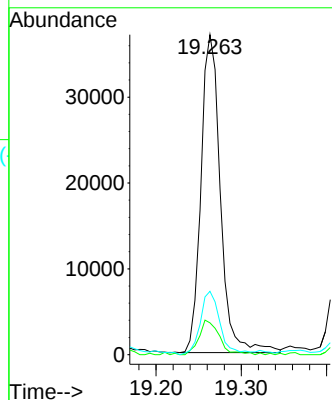
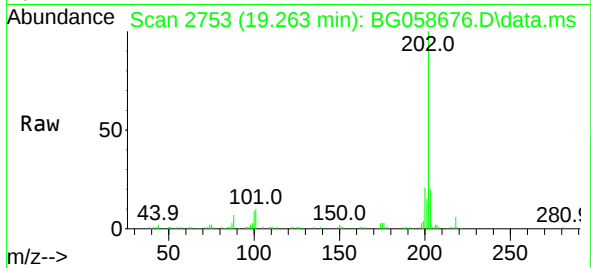




#75
Fluoranthene
Concen: 3.408 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

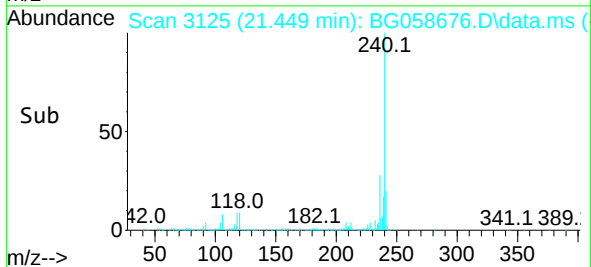
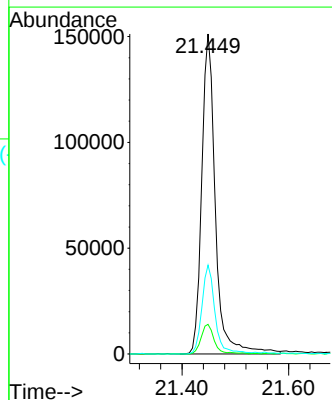
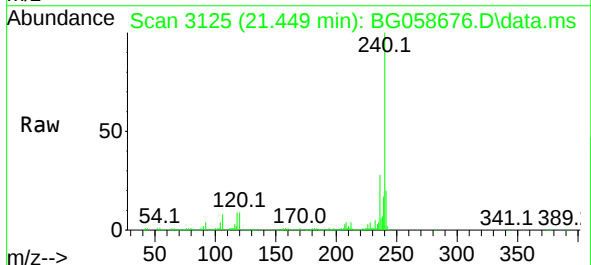
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

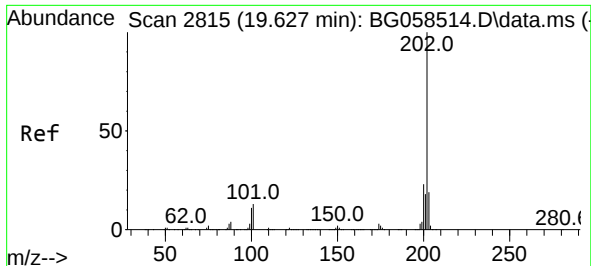
Tgt Ion:202 Resp: 58724
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.4
203 19.8 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

Tgt Ion:240 Resp: 268460
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 27.8 22.2 33.4

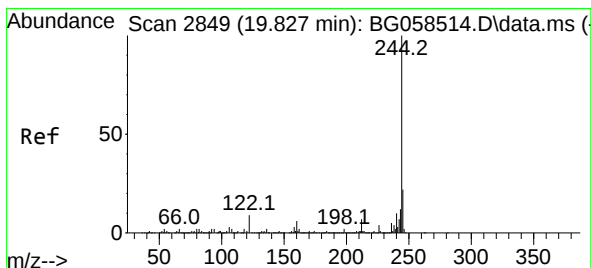
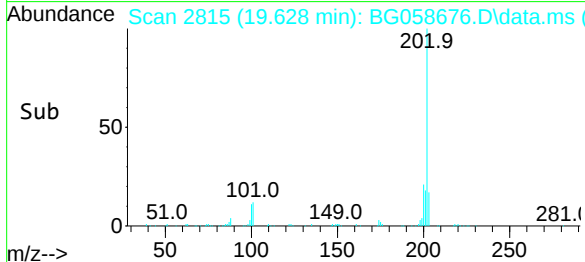
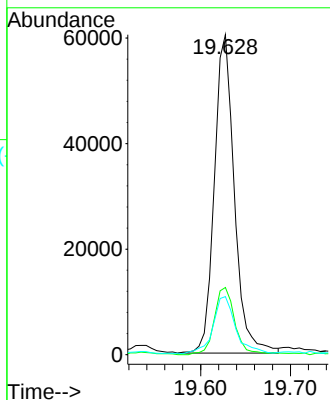
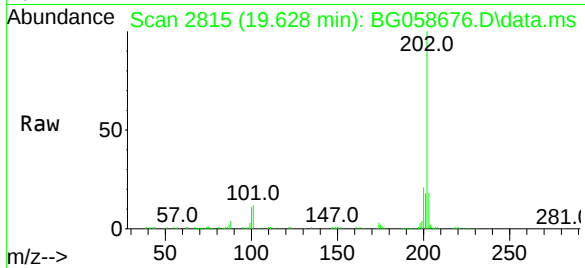




#78
 Pyrene
 Concen: 5.109 ng
 RT: 19.628 min Scan# 2815
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

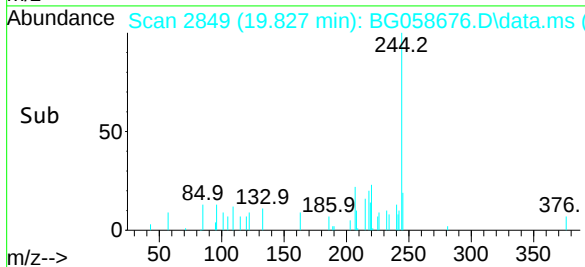
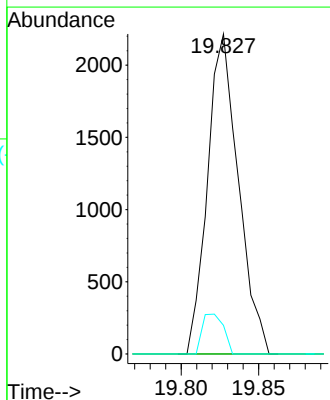
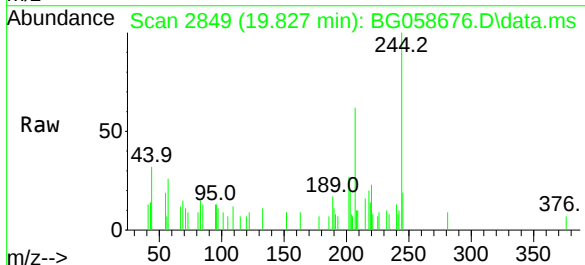
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32DL

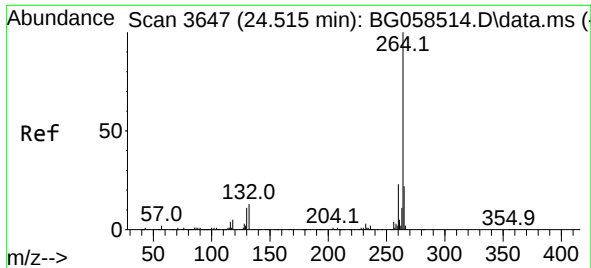
Tgt Ion:	202	Resp:	93344
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.2	27.2
203	18.2	15.1	22.7



#79
 Terphenyl-d14
 Concen: 0.215 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

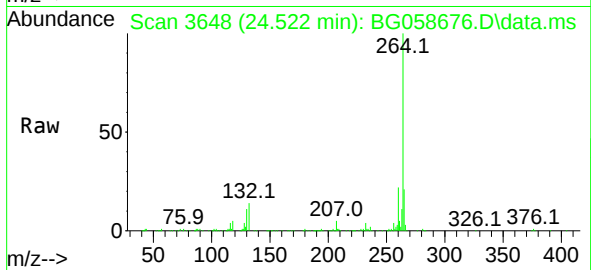
Tgt Ion:	244	Resp:	3067
Ion Ratio	Lower	Upper	
244	100		
212	0.0	5.9	8.9#
122	9.0	6.8	10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 30
Delta R.T. 0.007 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL



Tgt Ion:264 Resp: 294050
Ion Ratio Lower Upper
264 100
260 22.3 18.4 27.6
265 21.1 17.9 26.9

