

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)

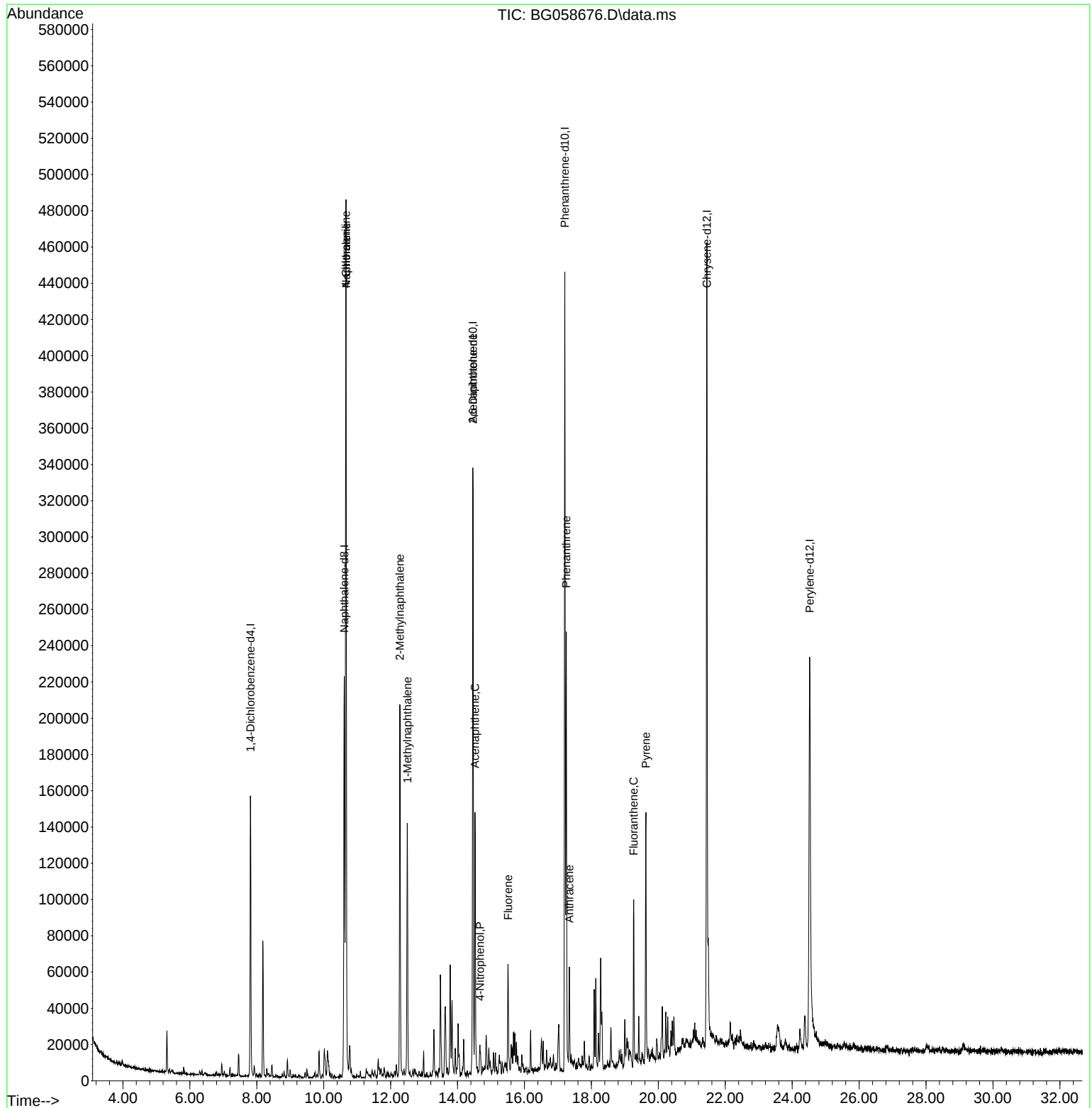
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	43917	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	190804	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	129925	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	302492	20.000	ng	0.00
76) Chrysene-d12	21.449	240	268460	20.000	ng	0.00
86) Perylene-d12	24.522	264	294050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	657	0.229	ng	0.00
7) Phenol-d6	7.001	99	724	0.181	ng	0.02
23) Nitrobenzene-d5	8.999	82	383	0.099	ng	0.02
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
33) 4-Chloroaniline	10.662	127	56485	13.294	ng	# 32
37) 2-Methylnaphthalene	12.277	142	107269	14.912	ng	99
38) 1-Methylnaphthalene	12.501	142	70710	10.341	ng	98
51) 2,6-Dinitrotoluene	14.457	165	18256	8.527	ng	# 25
52) Acenaphthene	14.522	154	51687	7.680	ng	96
56) 4-Nitrophenol	14.669	139	682	3.737	ng	# 39
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

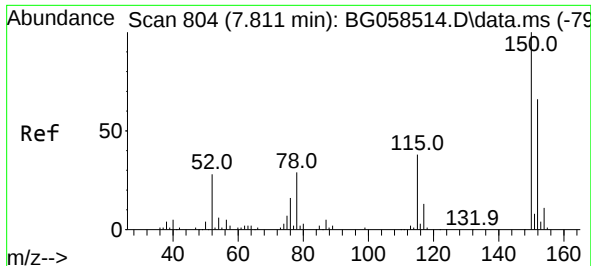
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
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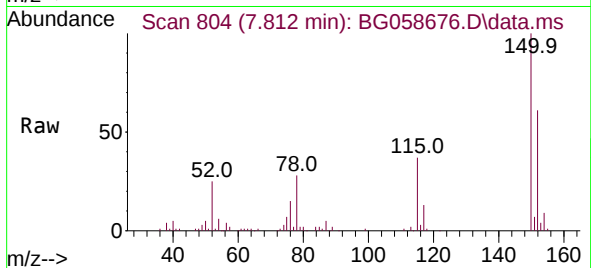
Quant Time: Aug 11 01:53:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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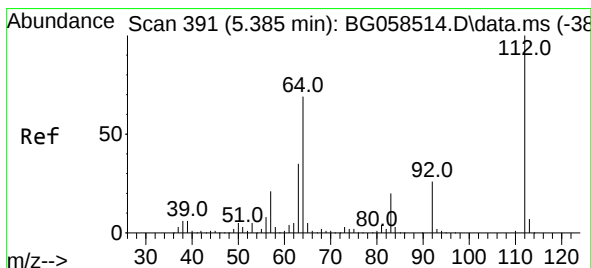
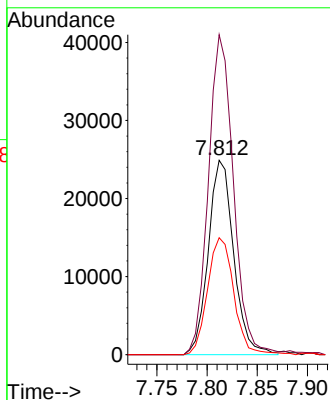
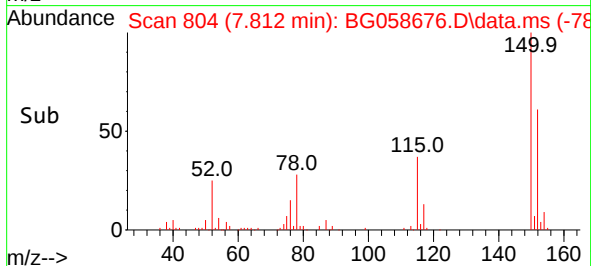


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

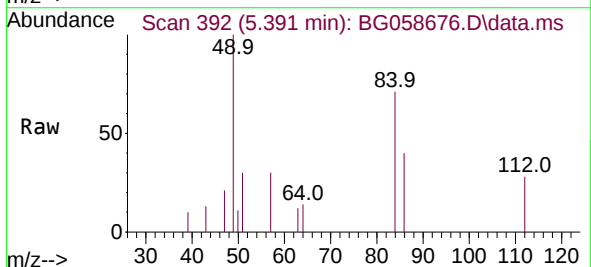
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL



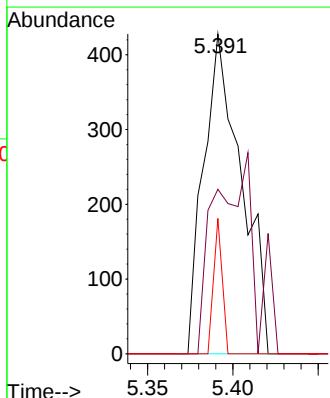
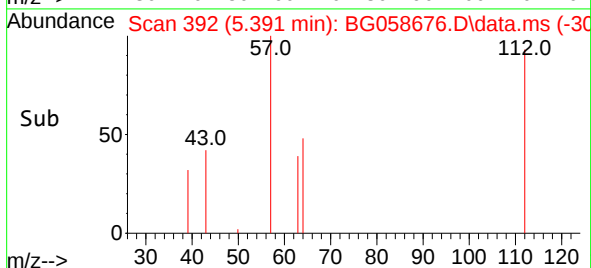
Tgt Ion:152 Resp: 43917
Ion Ratio Lower Upper
152 100
150 164.7 120.5 180.7
115 60.2 45.9 68.9

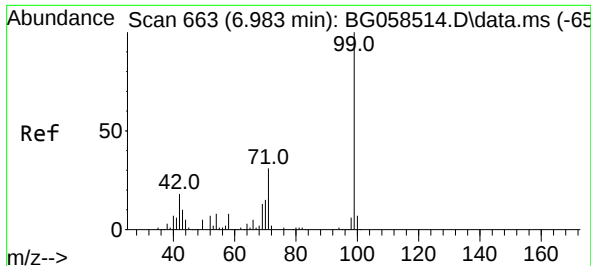


#5
2-Fluorophenol
Concen: 0.229 ng
RT: 5.391 min Scan# 392
Delta R.T. 0.007 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46



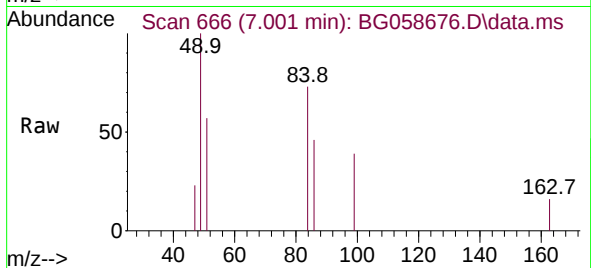
Tgt Ion:112 Resp: 657
Ion Ratio Lower Upper
112 100
64 51.4 55.3 82.9#
63 42.3 28.3 42.5



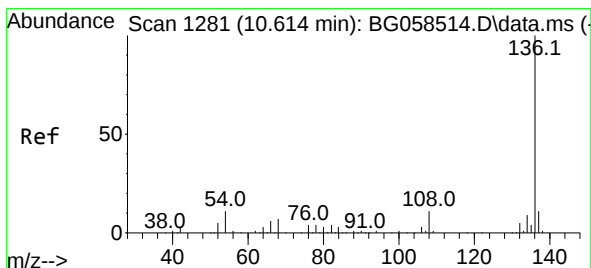
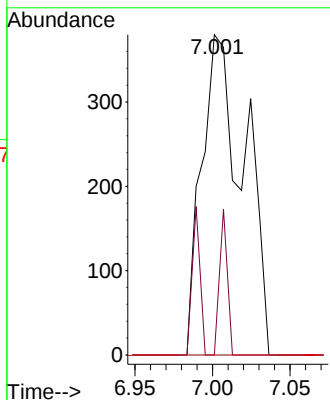
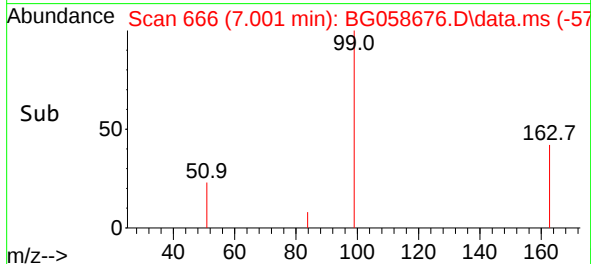


#7
Phenol-d6
Concen: 0.181 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.018 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

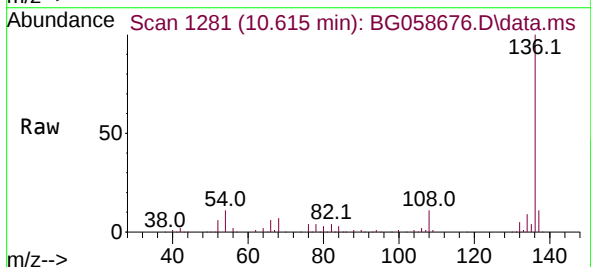
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL



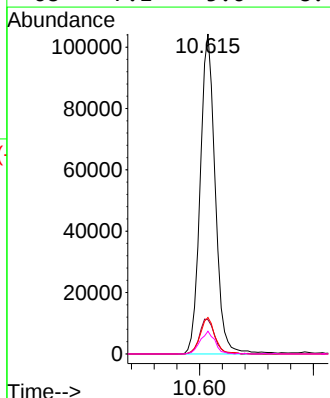
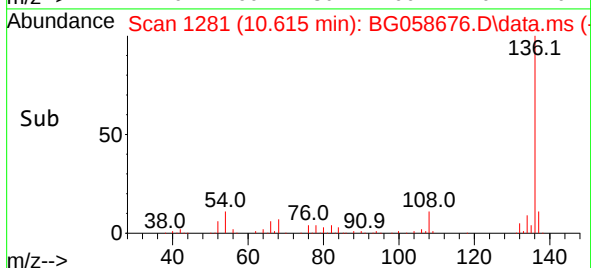
Tgt Ion: 99 Resp: 724
Ion Ratio Lower Upper
99 100
42 0.0 14.6 21.8#
71 0.0 25.0 37.4#

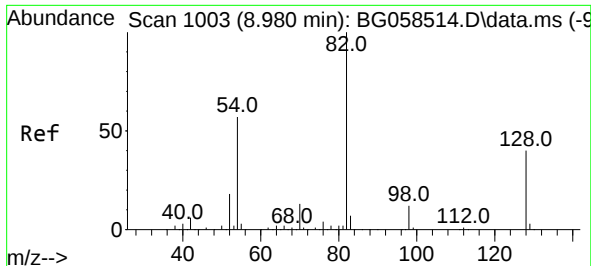


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46



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

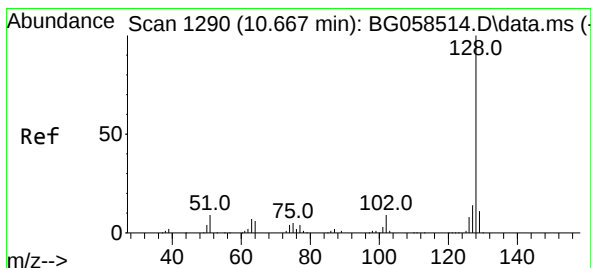
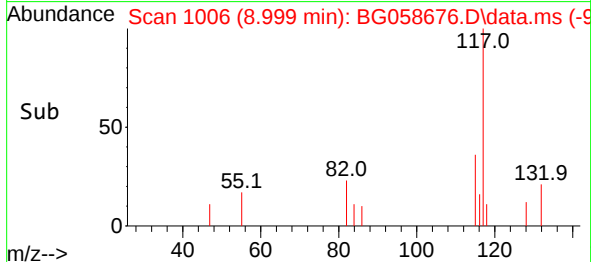
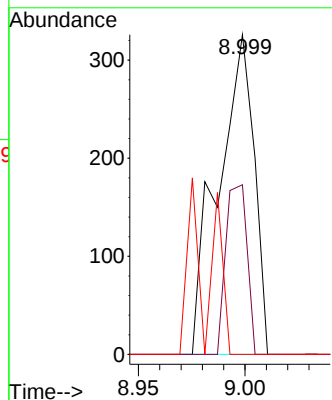
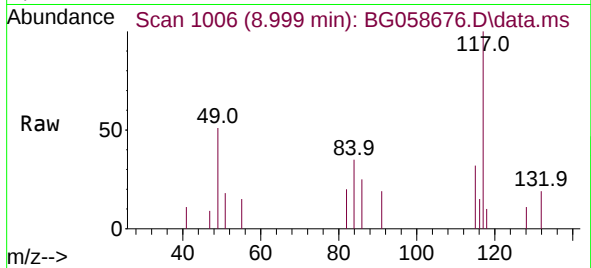




#23
Nitrobenzene-d5
Concen: 0.099 ng
RT: 8.999 min Scan# 1006
Delta R.T. 0.018 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

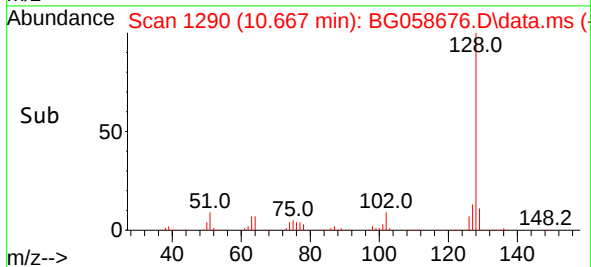
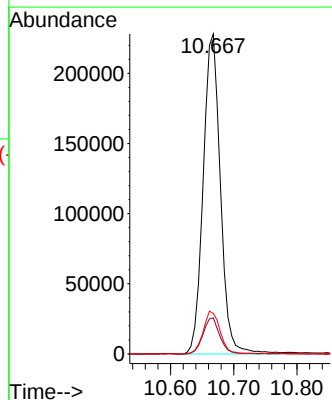
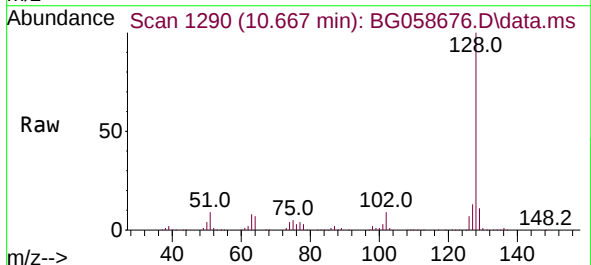
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

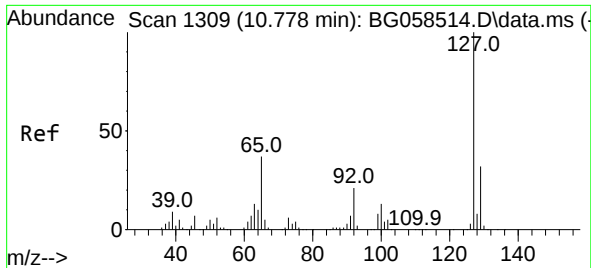
Tgt Ion: 82 Resp: 383
Ion Ratio Lower Upper
82 100
128 53.1 32.2 48.2#
54 0.0 46.0 69.0#



#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

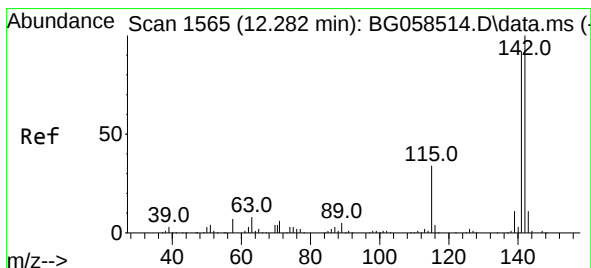
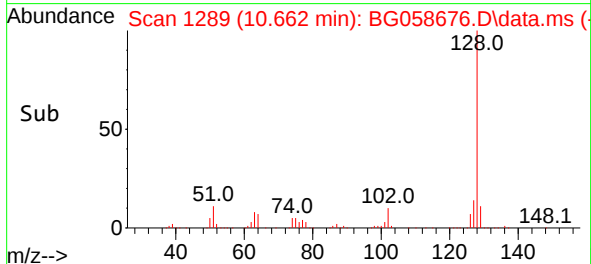
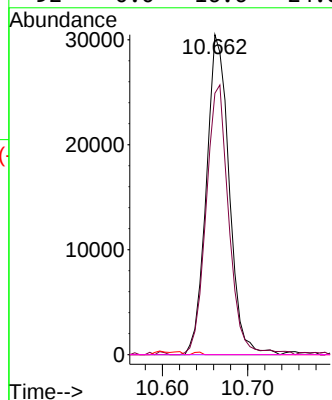
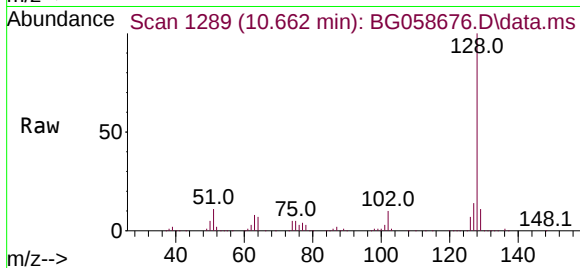




#33
4-Chloroaniline
Concen: 13.294 ng
RT: 10.662 min Scan# 1289
Delta R.T. -0.117 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

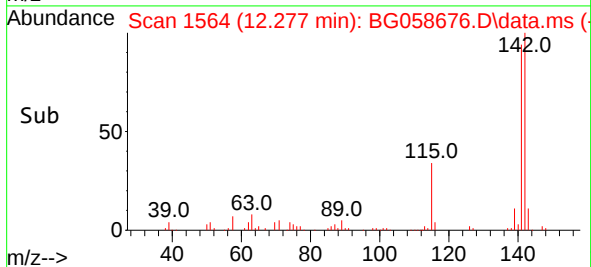
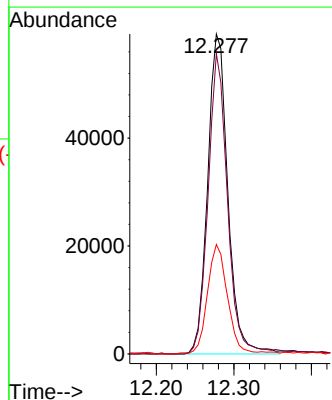
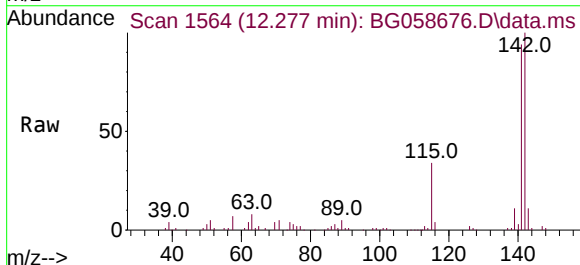
Instrument :
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ClientSampleId :
NEVINS-SB-01-Z30-32DL

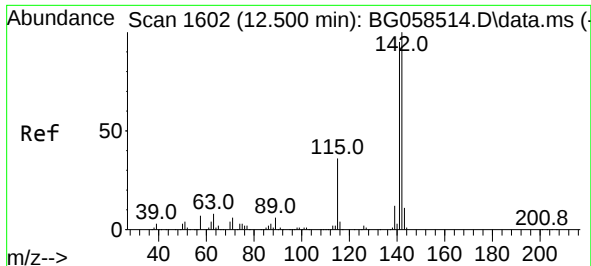
Tgt Ion:	127	Resp:	56485
Ion Ratio	Lower	Upper	
127	100		
129	81.7	25.4	38.2#
65	0.0	29.5	44.3#
92	0.0	16.6	24.8#



#37
2-Methylnaphthalene
Concen: 14.912 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.005 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

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

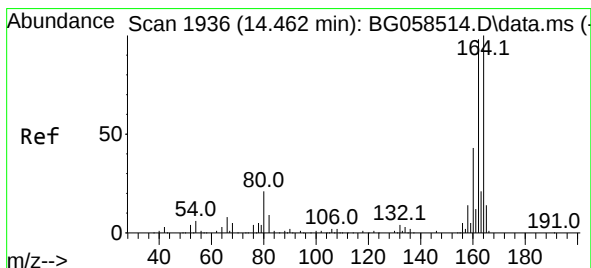
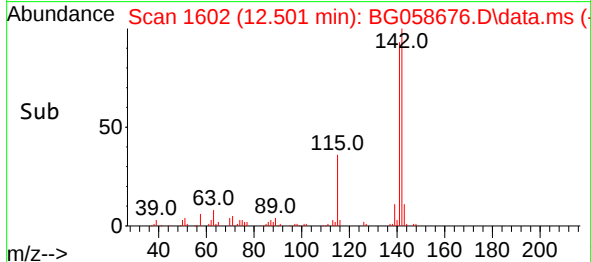
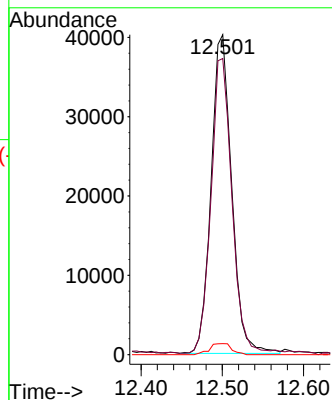
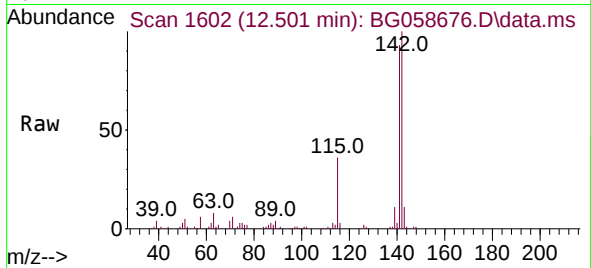




#38
1-Methylnaphthalene
Concen: 10.341 ng
RT: 12.501 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

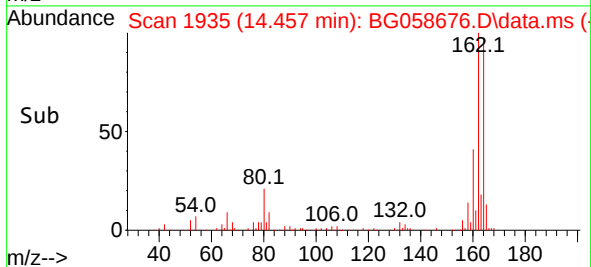
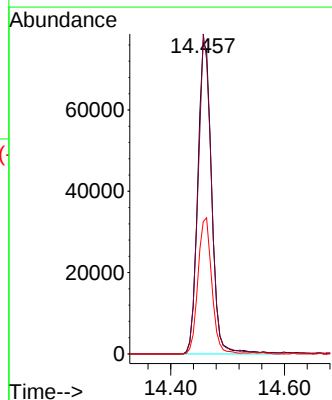
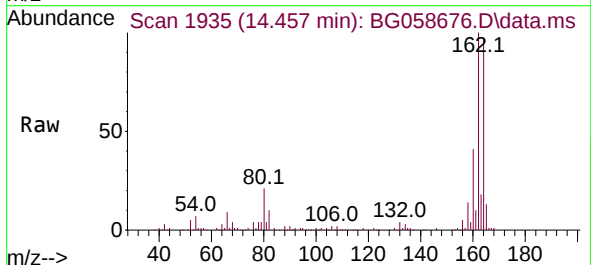
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

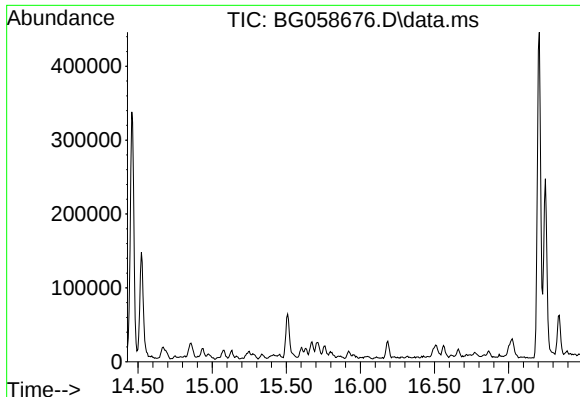
Tgt Ion:142 Resp: 70710
Ion Ratio Lower Upper
142 100
141 92.5 75.7 113.5
116 3.4 3.2 4.8



#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

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

Instrument :

BNA_G

ClientSampleId :

NEVINS-SB-01-Z30-32DL

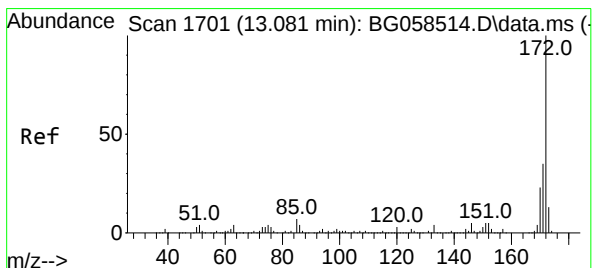
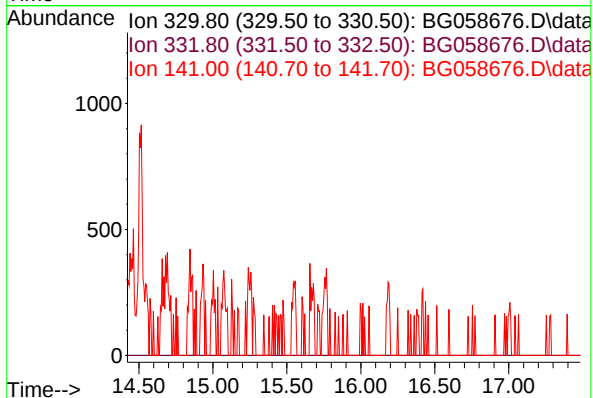
Tgt Ion: 330

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

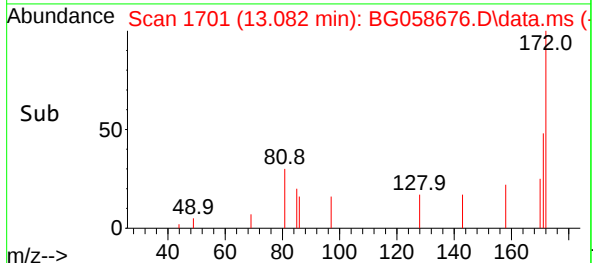
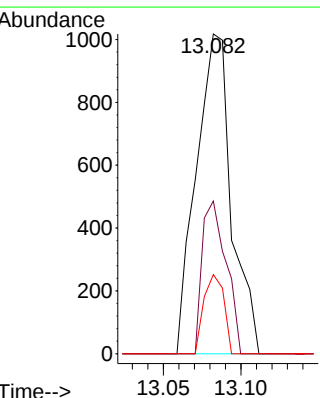
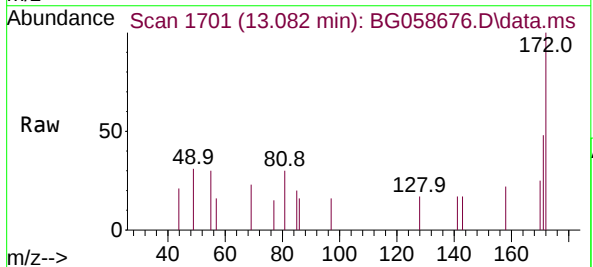
Tgt Ion: 172 Resp: 1610

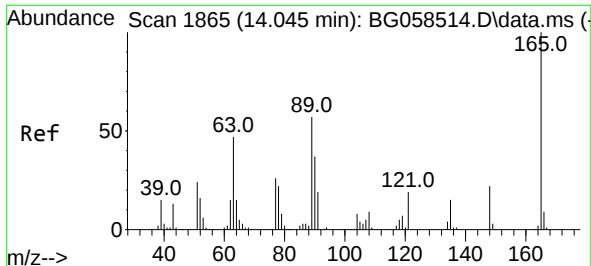
Ion Ratio Lower Upper

172 100

171 47.7 28.0 42.0#

170 24.8 18.4 27.6

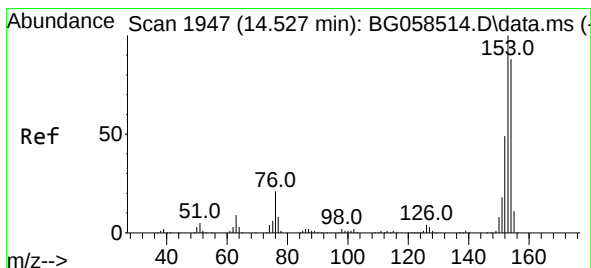
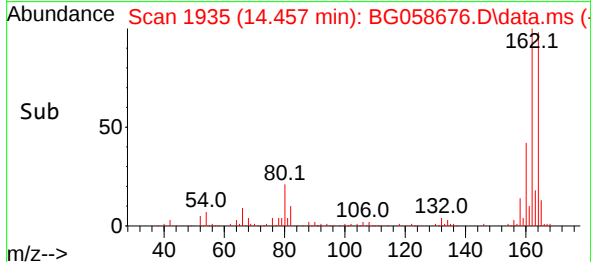
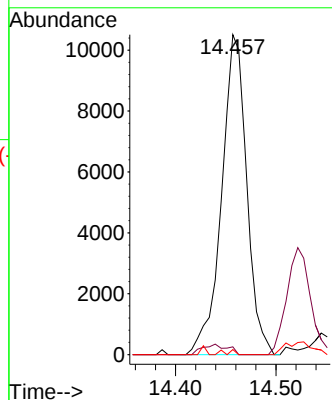
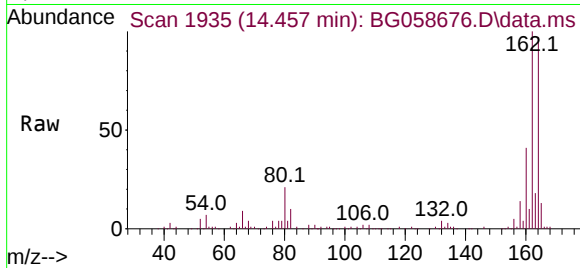




#51
2,6-Dinitrotoluene
Concen: 8.527 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

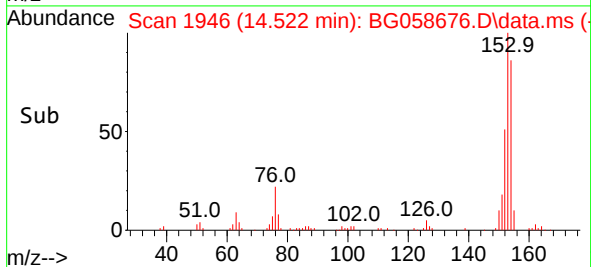
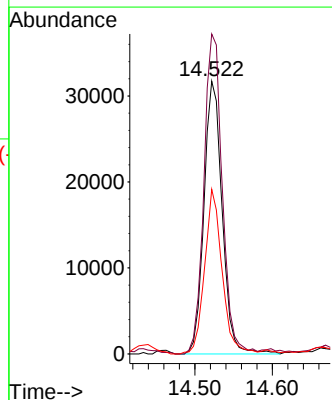
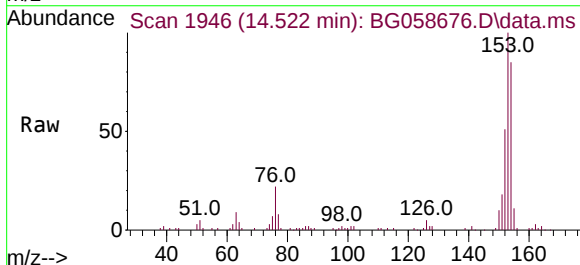
Instrument :
BNA_G
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NEVINS-SB-01-Z30-32DL

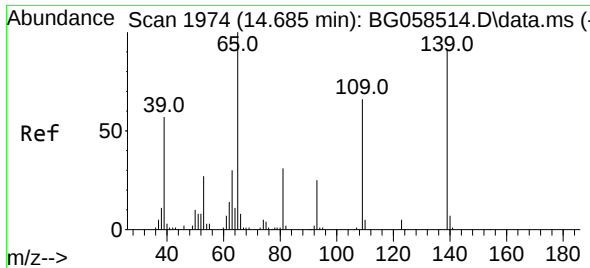
Tgt Ion:165 Resp: 18256
Ion Ratio Lower Upper
165 100
63 2.4 46.4 69.6#
89 1.6 45.3 67.9#



#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
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153 117.3 91.1 136.7
152 60.4 44.6 66.8

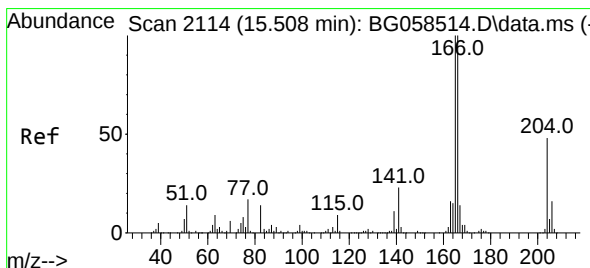
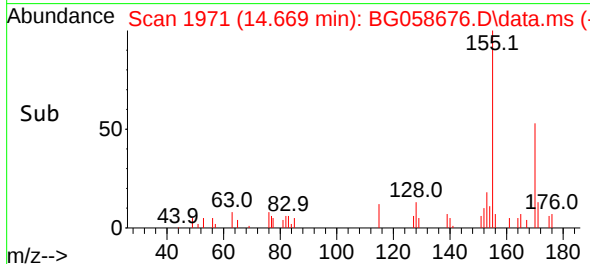
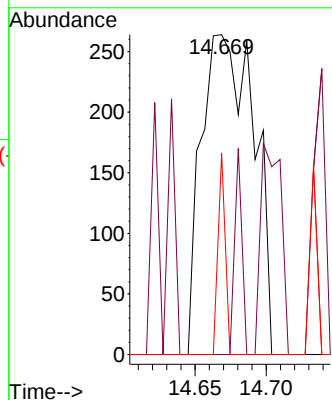
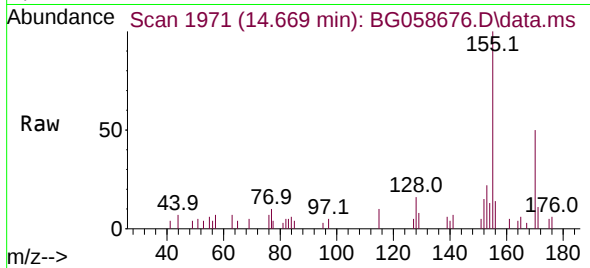




#56
4-Nitrophenol
Concen: 3.737 ng
RT: 14.669 min Scan# 1974
Delta R.T. -0.016 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

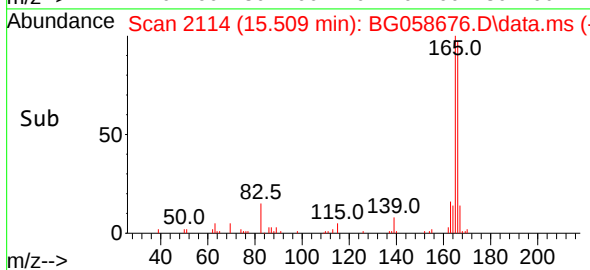
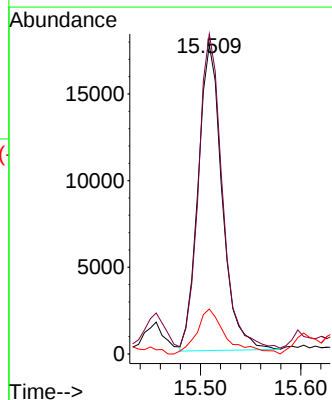
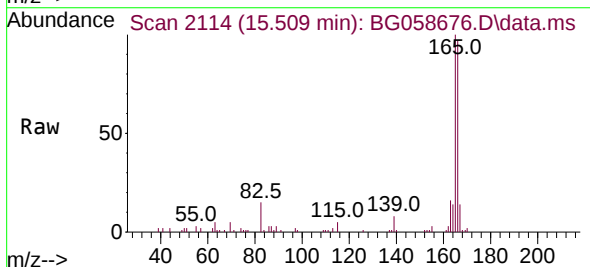
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

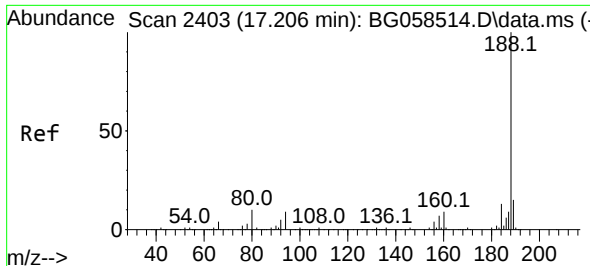
Tgt Ion:139 Resp: 682
Ion Ratio Lower Upper
139 100
109 0.0 52.5 92.5#
65 62.9 90.5 130.5#



#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

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

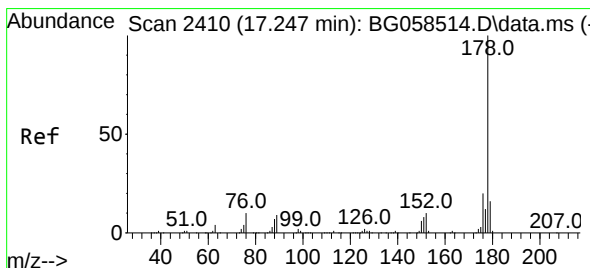
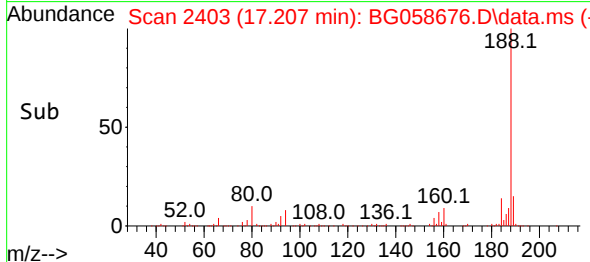
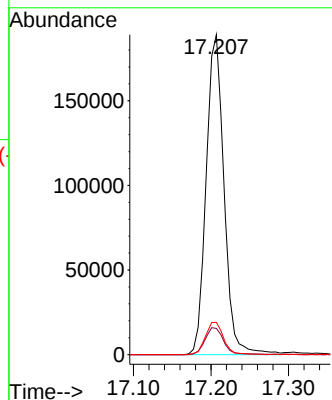
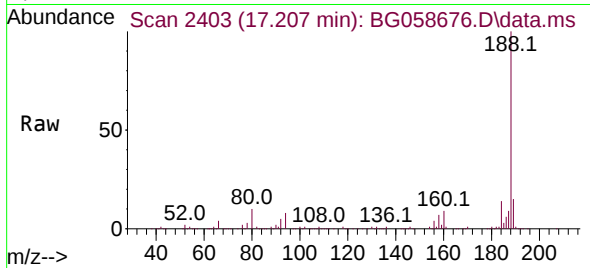




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

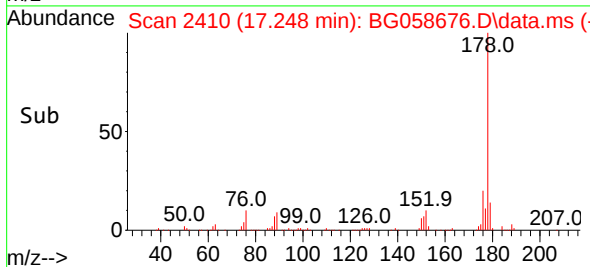
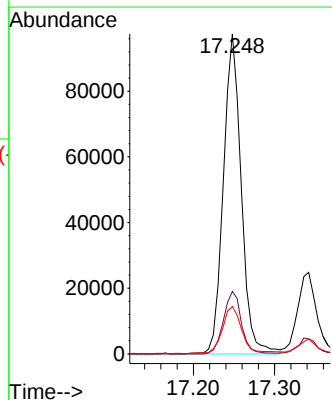
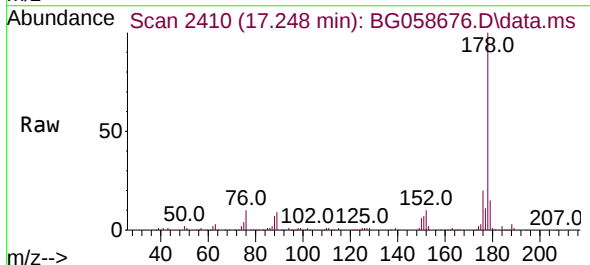
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

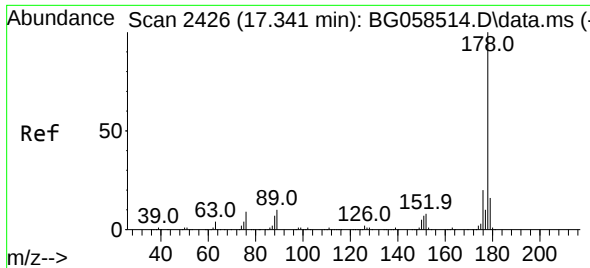
Tgt Ion:188 Resp: 302492
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 10.1 8.1 12.1



#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

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

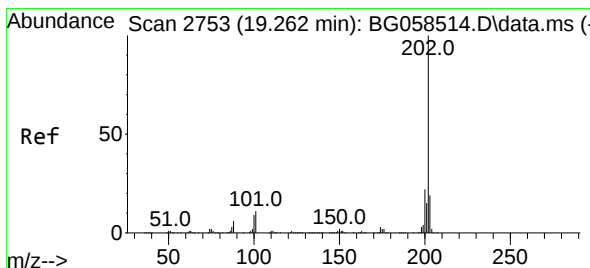
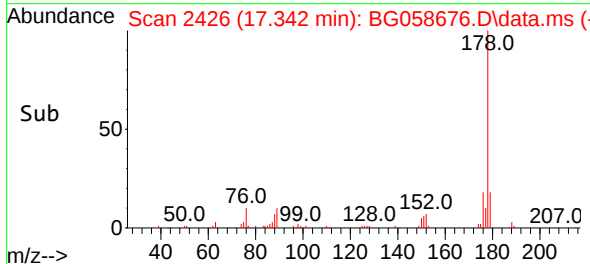
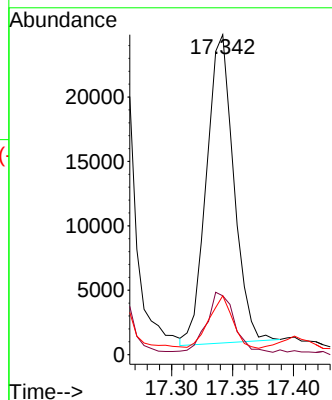
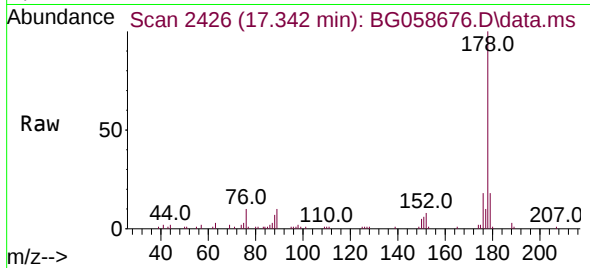




#72
 Anthracene
 Concen: 2.535 ng
 RT: 17.342 min Scan# 2426
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

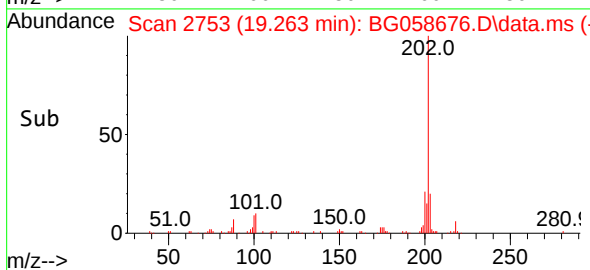
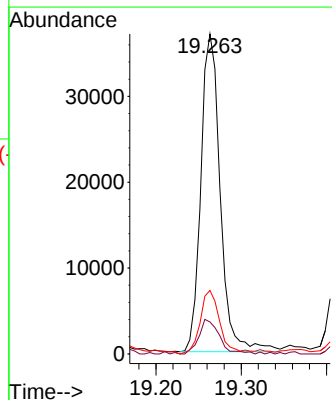
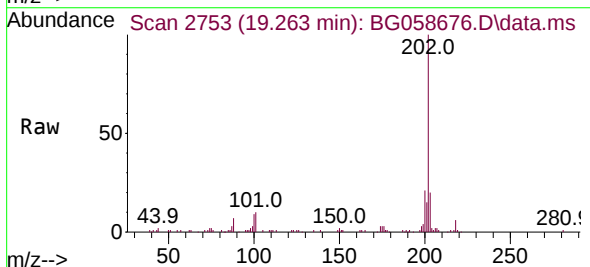
Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB-01-Z30-32DL

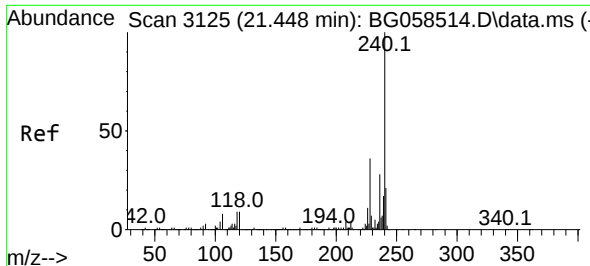
Tgt Ion:178 Resp: 37308
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.0 24.0
 179 18.4 12.9 19.3



#75
 Fluoranthene
 Concen: 3.408 ng
 RT: 19.263 min Scan# 2753
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

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

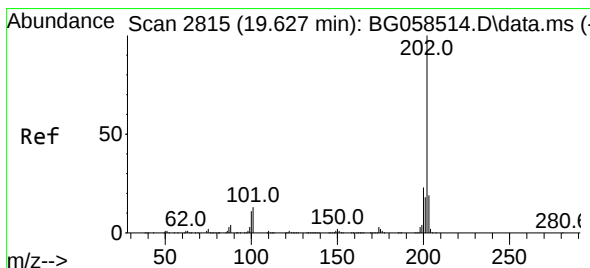
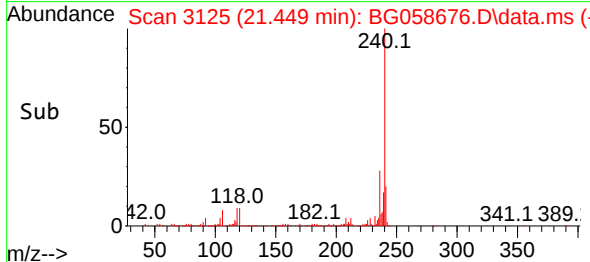
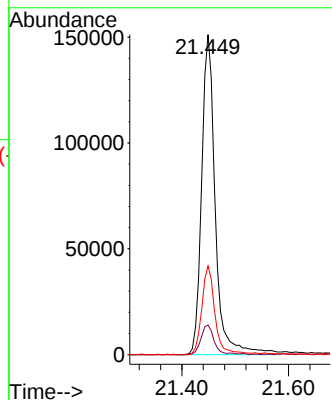
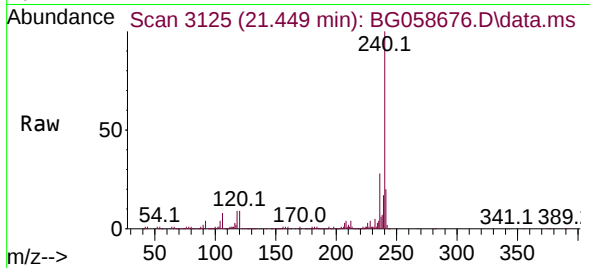




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058676.D
Acq: 10 Aug 2023 12:46

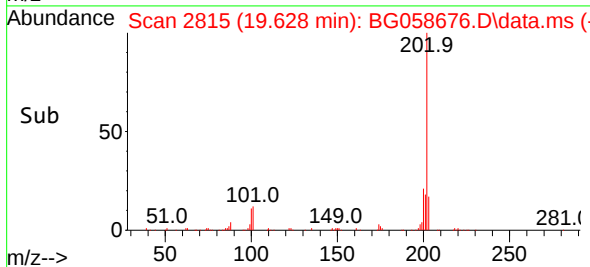
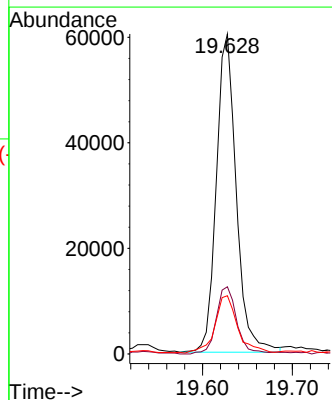
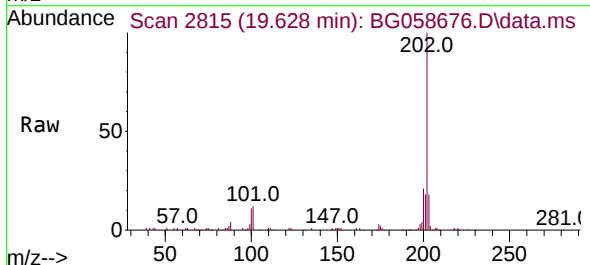
Instrument :
BNA_G
ClientSampleId :
NEVINS-SB-01-Z30-32DL

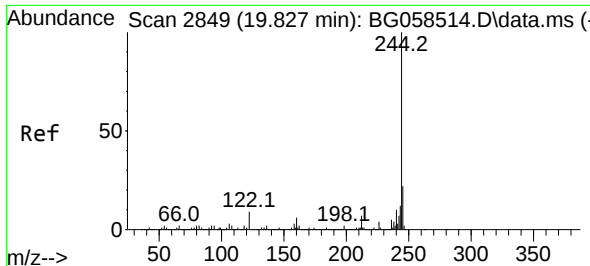
Tgt Ion:240 Resp: 268460
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 27.8 22.2 33.4



#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

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

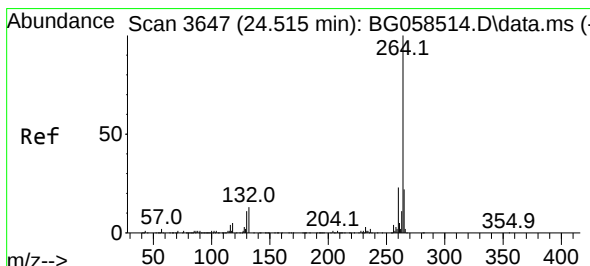
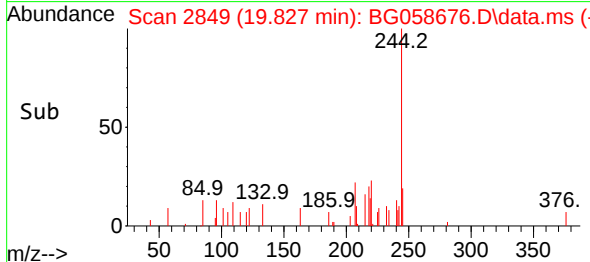
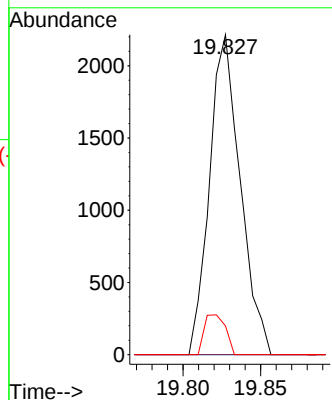
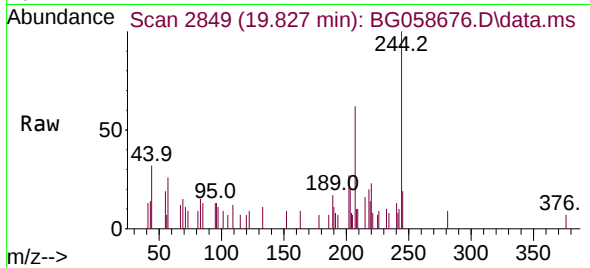




#79
 Terphenyl-d14
 Concen: 0.215 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

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

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# 3648
 Delta R.T. 0.007 min
 Lab File: BG058676.D
 Acq: 10 Aug 2023 12:46

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

