

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053109.D
 Acq On : 11 Apr 2022 20:10
 Operator : CG/JU
 Sample : N2349-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DEL-2

Quant Time: Apr 12 06:08:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

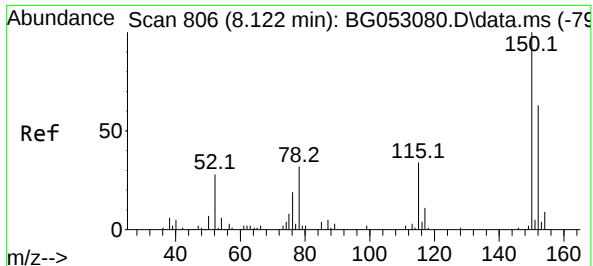
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	37566	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	154622	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	105733	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	191029	20.000	ng	0.00
76) Chrysene-d12	21.801	240	189277	20.000	ng	# 0.03
86) Perylene-d12	25.167	264	166386	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	147891	67.484	ng	0.00
7) Phenol-d6	7.279	99	271748	80.411	ng	0.00
23) Nitrobenzene-d5	9.282	82	214331	56.283	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	49958	29.699	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	485526	63.319	ng	0.00
79) Terphenyl-d14	20.097	244	618494	55.188	ng	0.00
Target Compounds						
						Qvalue
57) 2,4-Dinitrotoluene	14.745	165	13325	5.305	ng	# 25
80) Butylbenzylphthalate	20.778	149	10961	2.181	ng	# 1
81) Benzo(a)anthracene	21.848	228	59827	4.623	ng	# 61
83) Chrysene	21.848	228	59827	4.981	ng	# 66
84) Bis(2-ethylhexyl)phtha...	21.671	149	73127	10.765	ng	# 67

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

Quant Time: Apr 12 06:08:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
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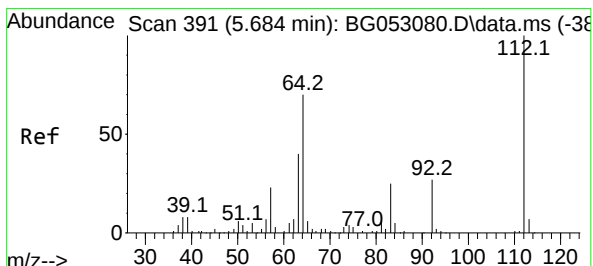
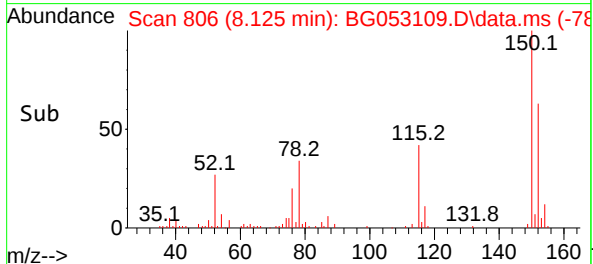
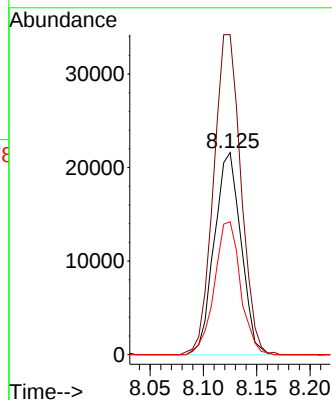
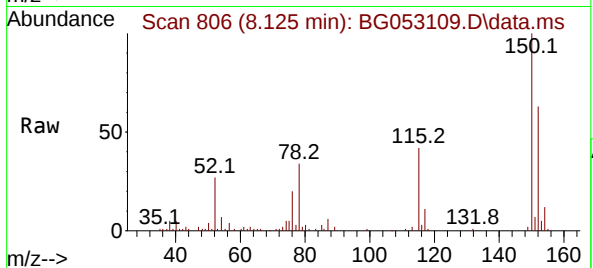




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG053109.D
Acq: 11 Apr 2022 20:10

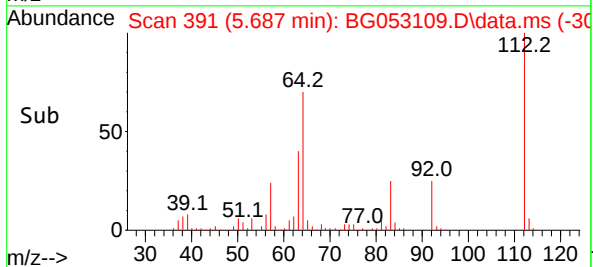
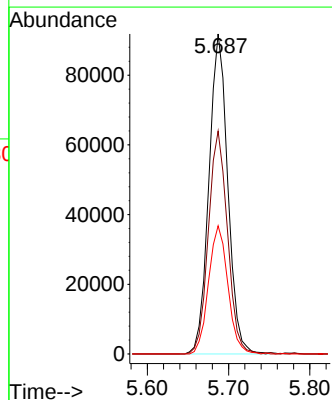
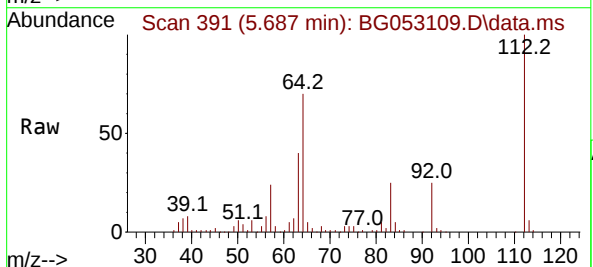
Instrument :
BNA_G
ClientSampleId :
DEL-2

Tgt Ion:152 Resp: 37566
Ion Ratio Lower Upper
152 100
150 158.3 114.6 172.0
115 65.8 45.9 68.9



#5
2-Fluorophenol
Concen: 67.484 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053109.D
Acq: 11 Apr 2022 20:10

Tgt Ion:112 Resp: 147891
Ion Ratio Lower Upper
112 100
64 69.7 48.0 72.0
63 40.0 26.5 39.7#

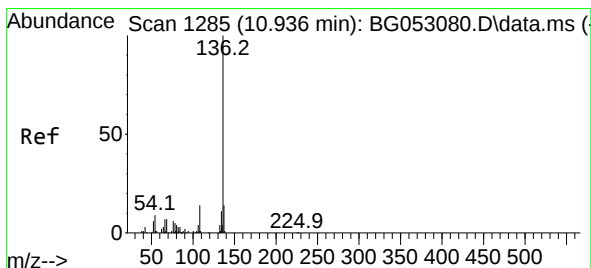
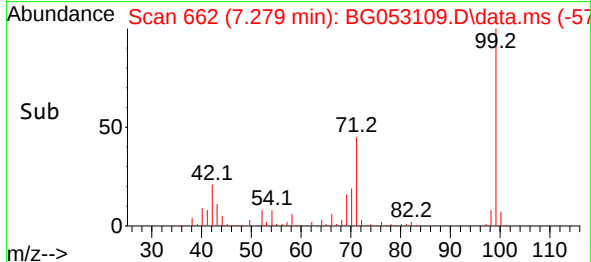
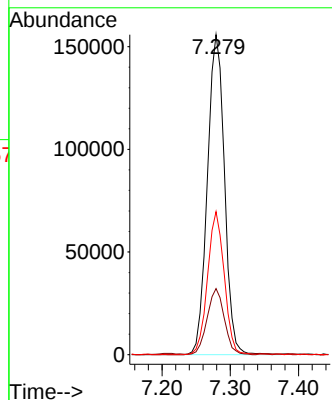
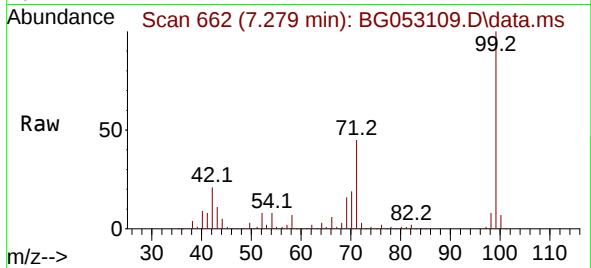




#7
Phenol-d6
Concen: 80.411 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053109.D
Acq: 11 Apr 2022 20:10

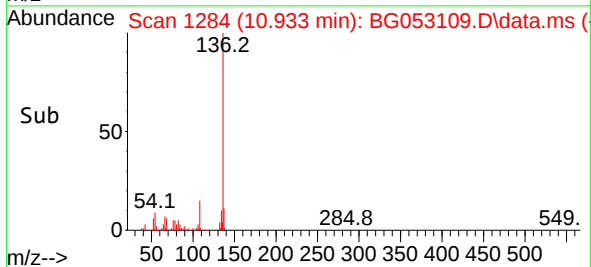
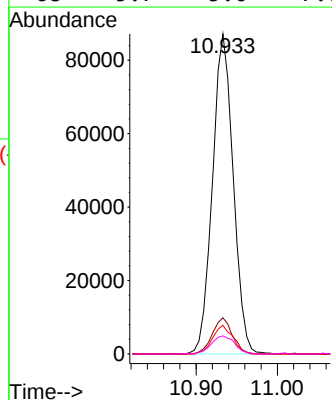
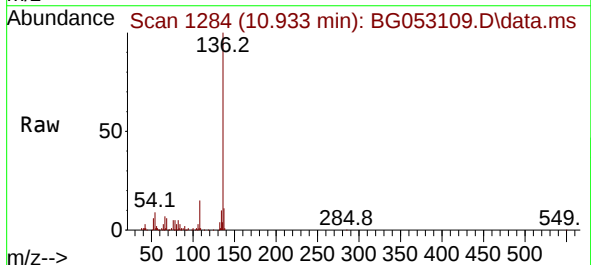
Instrument :
BNA_G
ClientSampleId :
DEL-2

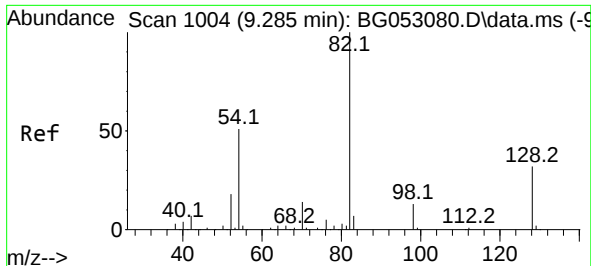
Tgt Ion: 99 Resp: 271748
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 44.7 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 1284
Delta R.T. -0.003 min
Lab File: BG053109.D
Acq: 11 Apr 2022 20:10

Tgt Ion: 136 Resp: 154622
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 9.0 6.4 9.6
68 5.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 56.283 ng

RT: 9.282 min Scan# 1003

Delta R.T. -0.003 min

Lab File: BG053109.D

Acq: 11 Apr 2022 20:10

Instrument :

BNA_G

ClientSampleId :

DEL-2

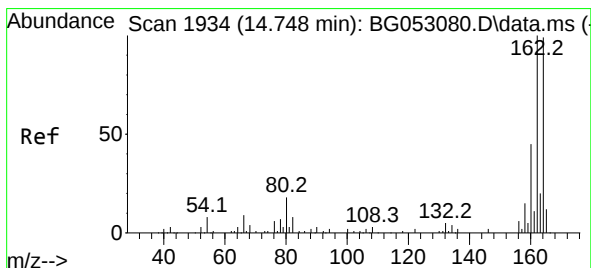
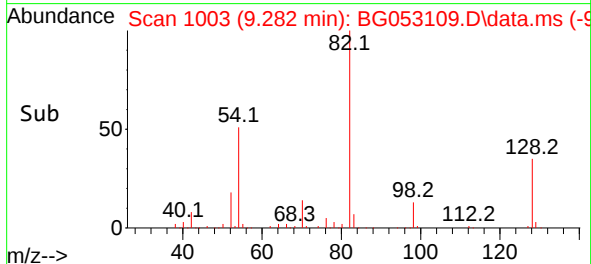
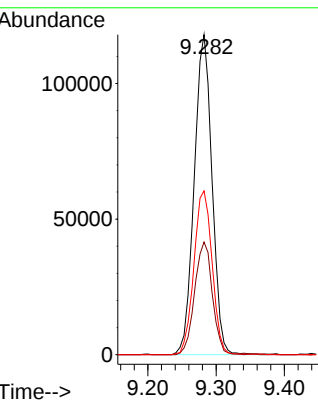
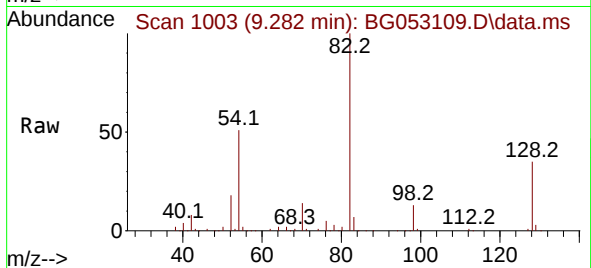
Tgt Ion: 82 Resp: 214331

Ion Ratio Lower Upper

82 100

128 35.2 31.3 46.9

54 51.2 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.740 min Scan# 1932

Delta R.T. -0.009 min

Lab File: BG053109.D

Acq: 11 Apr 2022 20:10

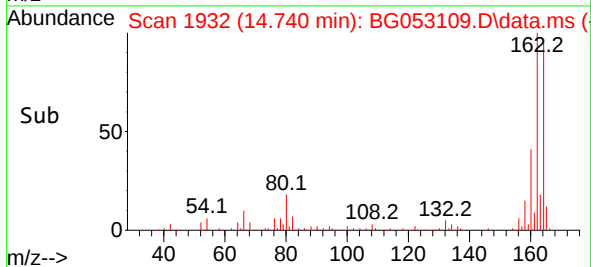
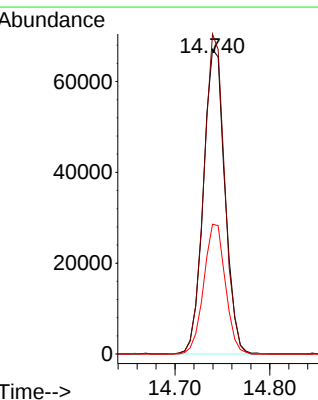
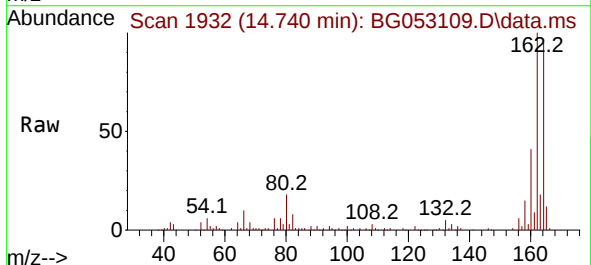
Tgt Ion:164 Resp: 105733

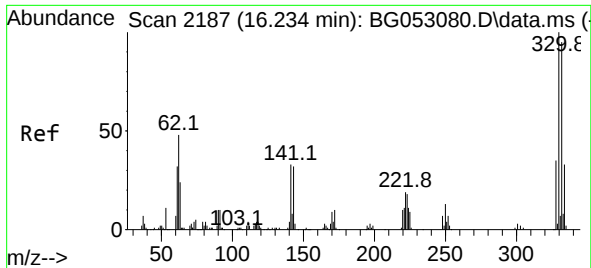
Ion Ratio Lower Upper

164 100

162 105.0 80.0 120.0

160 42.6 38.8 58.2

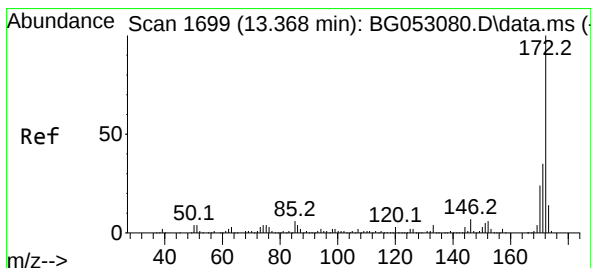
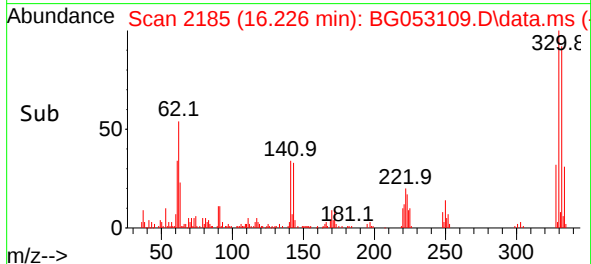
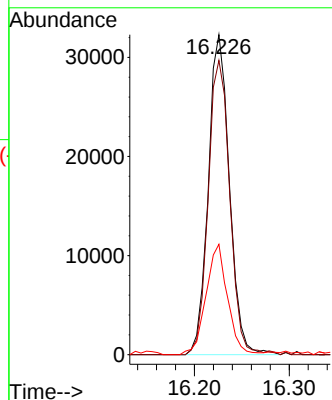
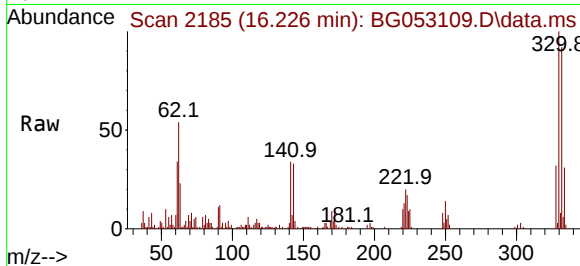




#42
2,4,6-Tribromophenol
Concen: 29.699 ng
RT: 16.226 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053109.D
Acq: 11 Apr 2022 20:10

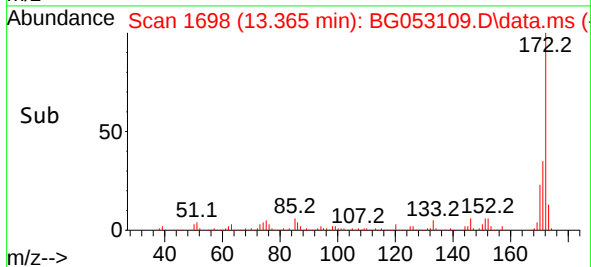
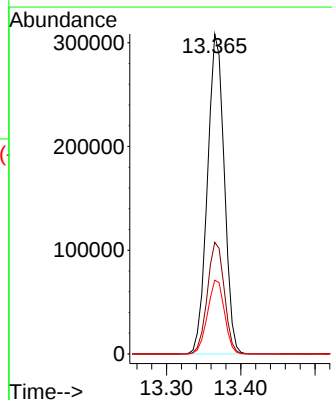
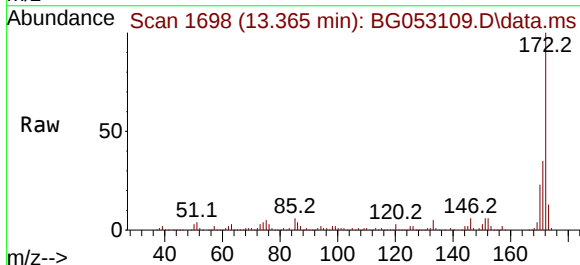
Instrument :
BNA_G
ClientSampleId :
DEL-2

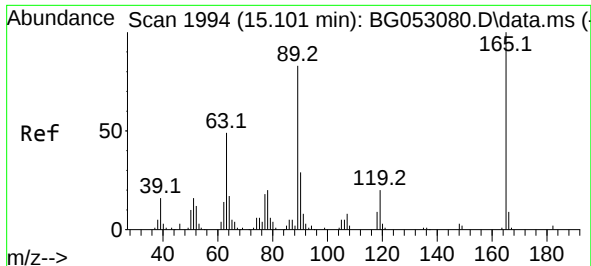
Tgt Ion:330 Resp: 49958
Ion Ratio Lower Upper
330 100
332 94.0 75.8 113.6
141 35.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 63.319 ng
RT: 13.365 min Scan# 1698
Delta R.T. -0.003 min
Lab File: BG053109.D
Acq: 11 Apr 2022 20:10

Tgt Ion:172 Resp: 485526
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 18.0 27.0





#57

2,4-Dinitrotoluene

Concen: 5.305 ng

RT: 14.745 min Scan# 1994

Delta R.T. -0.355 min

Lab File: BG053109.D

Acq: 11 Apr 2022 20:10

Instrument :

BNA_G

ClientSampleId :

DEL-2

Tgt Ion:165 Resp: 13325

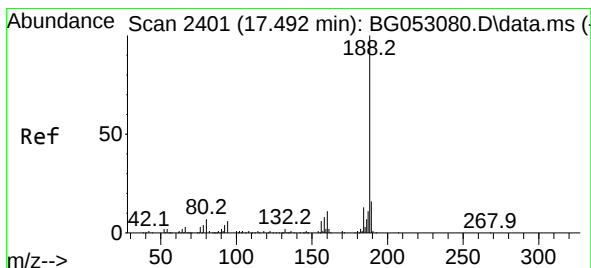
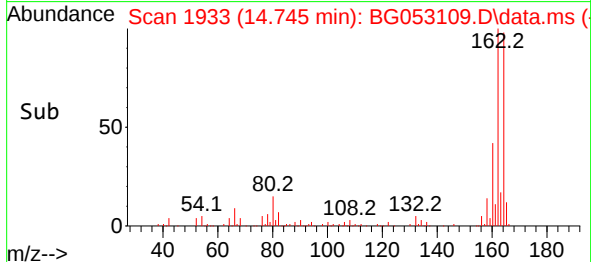
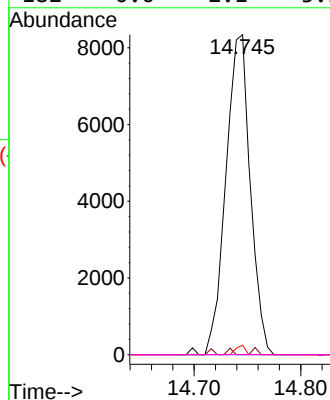
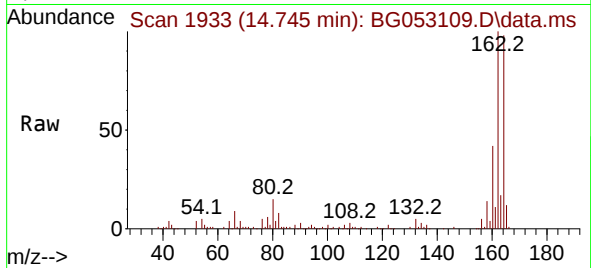
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 3.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.483 min Scan# 2399

Delta R.T. -0.009 min

Lab File: BG053109.D

Acq: 11 Apr 2022 20:10

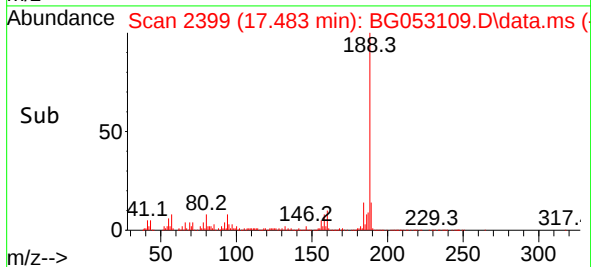
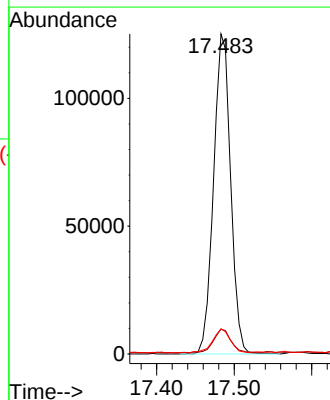
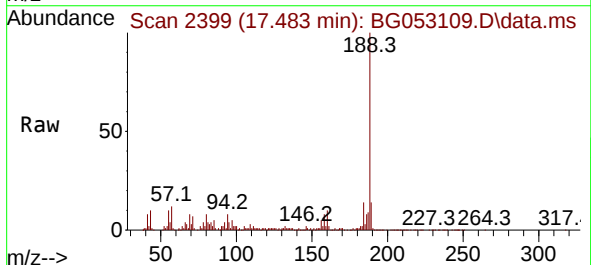
Tgt Ion:188 Resp: 191029

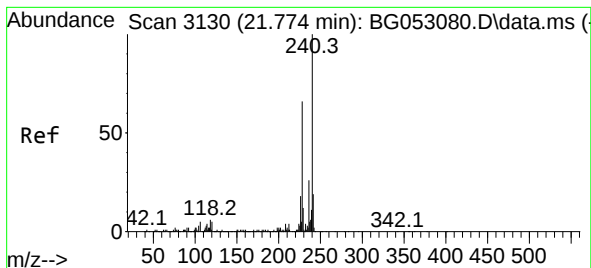
Ion Ratio Lower Upper

188 100

94 7.8 5.7 8.5

80 7.8 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.801 min Scan# 31

Delta R.T. 0.027 min

Lab File: BG053109.D

Acq: 11 Apr 2022 20:10

Instrument :

BNA_G

ClientSampleId :

DEL-2

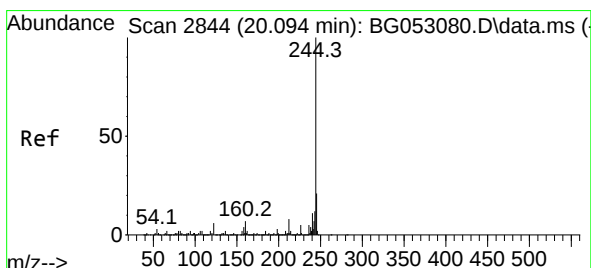
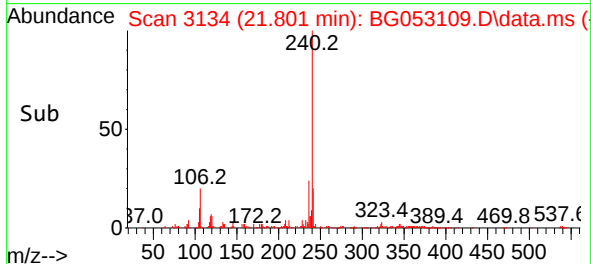
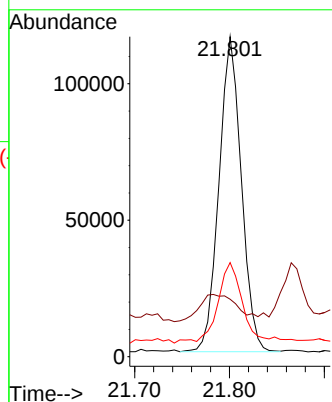
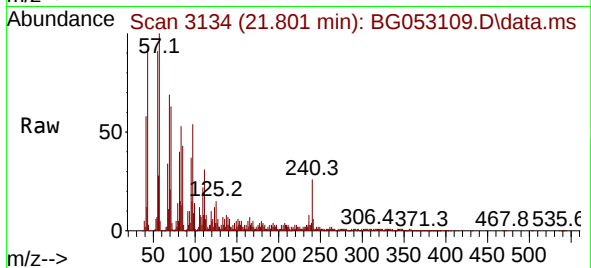
Tgt Ion:240 Resp: 189277

Ion Ratio Lower Upper

240 100

120 17.9 5.4 8.0#

236 29.4 19.8 29.6



#79

Terphenyl-d14

Concen: 55.188 ng

RT: 20.097 min Scan# 2844

Delta R.T. 0.003 min

Lab File: BG053109.D

Acq: 11 Apr 2022 20:10

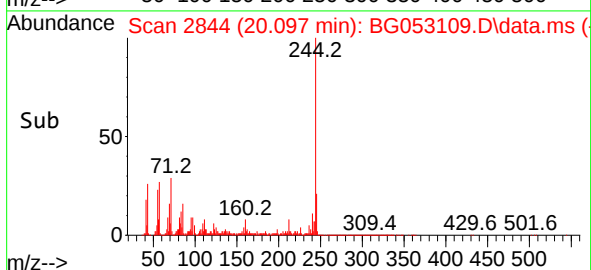
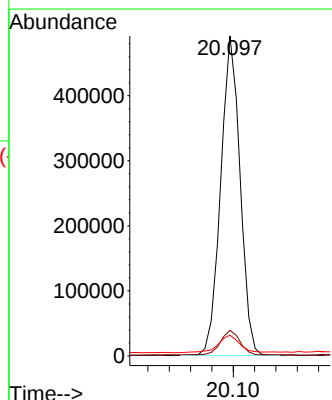
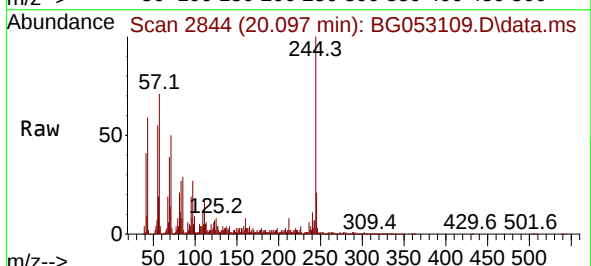
Tgt Ion:244 Resp: 618494

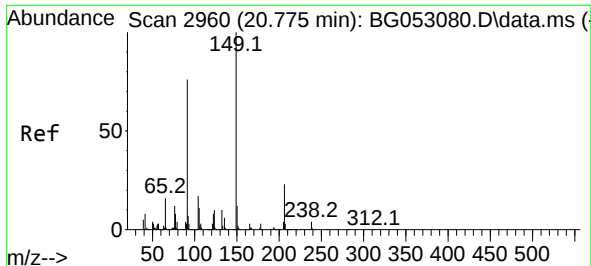
Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 6.5 5.8 8.6

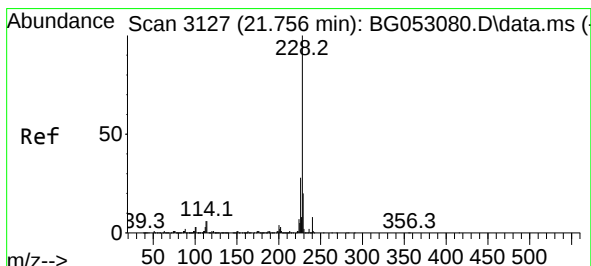
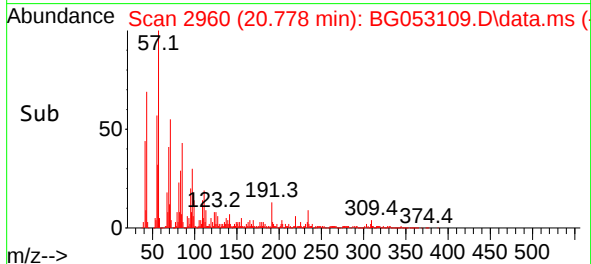
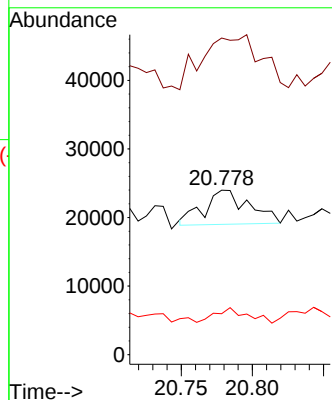
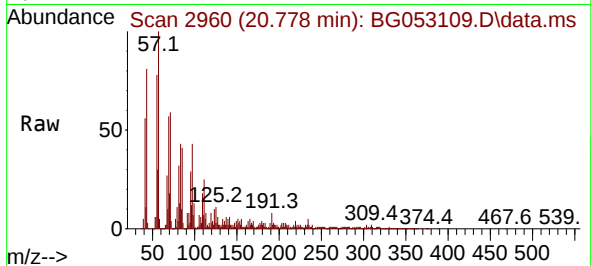




#80
Butylbenzylphthalate
Concen: 2.181 ng
RT: 20.778 min Scan# 2960
Delta R.T. 0.003 min
Lab File: BG053109.D
Acq: 11 Apr 2022 20:10

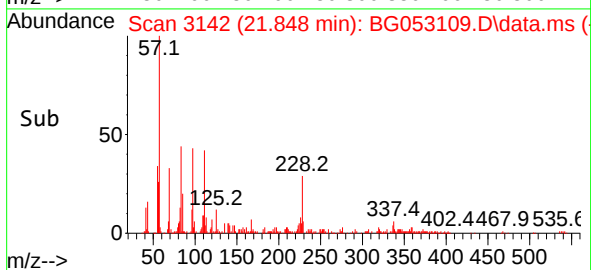
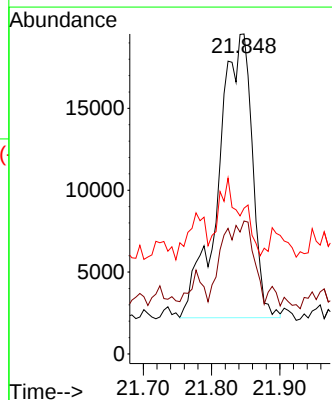
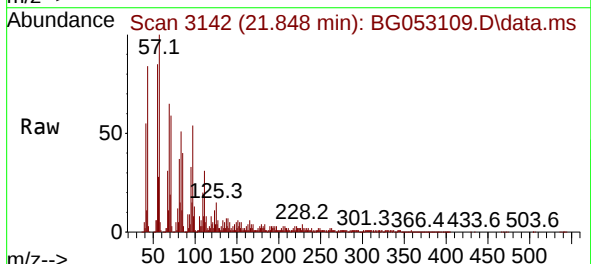
Instrument :
BNA_G
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DEL-2

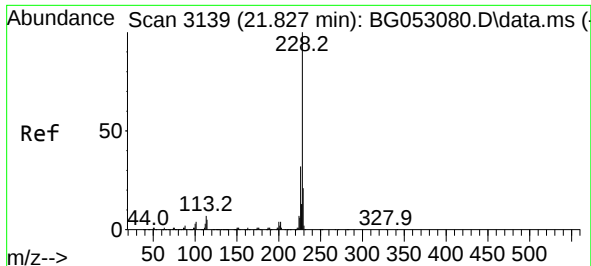
Tgt Ion:149 Resp: 10961
Ion Ratio Lower Upper
149 100
91 192.5 60.2 90.4#
206 24.9 19.4 29.2



#81
Benzo(a)anthracene
Concen: 4.623 ng
RT: 21.848 min Scan# 3142
Delta R.T. 0.091 min
Lab File: BG053109.D
Acq: 11 Apr 2022 20:10

Tgt Ion:228 Resp: 59827
Ion Ratio Lower Upper
228 100
226 41.5 21.4 32.0#
229 45.5 16.7 25.1#





#83

Chrysene

Concen: 4.981 ng

RT: 21.848 min Scan# 3112

Delta R.T. 0.021 min

Lab File: BG053109.D

Acq: 11 Apr 2022 20:10

Instrument :

BNA_G

ClientSampleId :

DEL-2

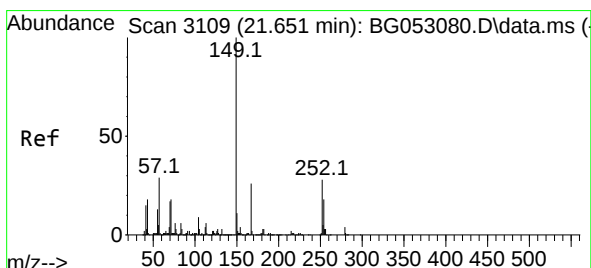
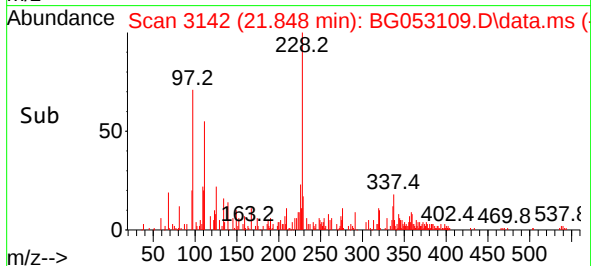
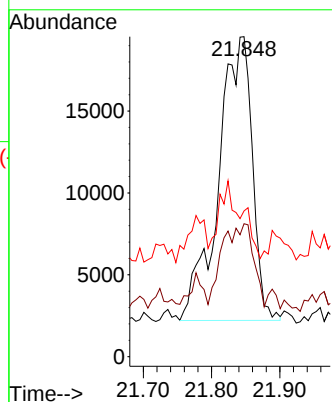
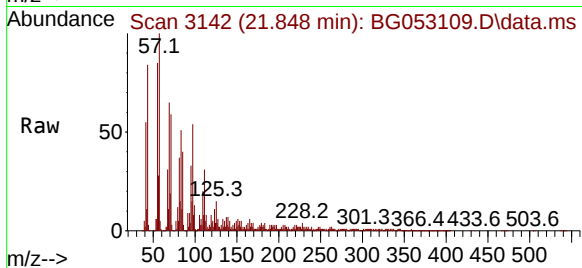
Tgt Ion:228 Resp: 59827

Ion Ratio Lower Upper

228 100

226 41.5 24.2 36.4#

229 45.5 16.3 24.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.765 ng

RT: 21.671 min Scan# 3112

Delta R.T. 0.021 min

Lab File: BG053109.D

Acq: 11 Apr 2022 20:10

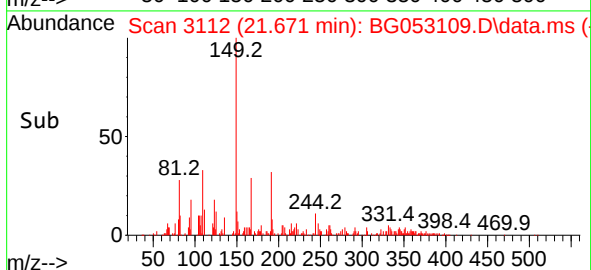
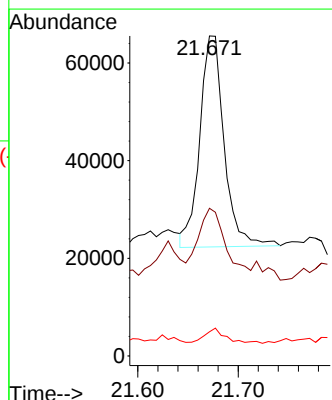
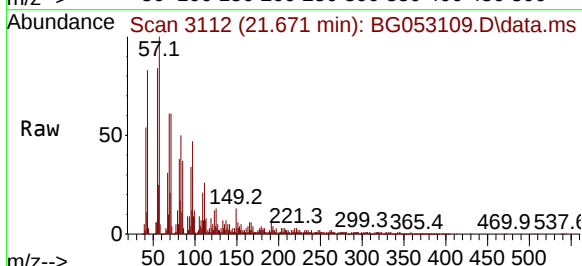
Tgt Ion:149 Resp: 73127

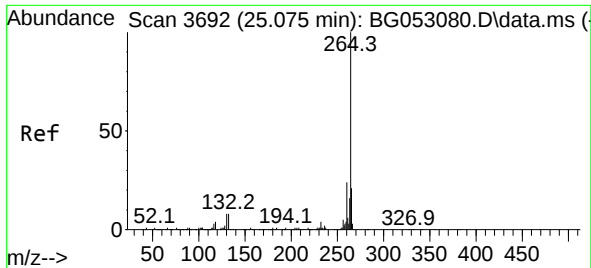
Ion Ratio Lower Upper

149 100

167 46.2 21.4 32.2#

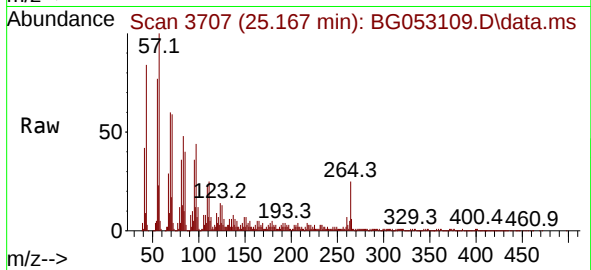
279 7.6 3.8 5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.167 min Scan# 31
 Delta R.T. 0.091 min
 Lab File: BG053109.D
 Acq: 11 Apr 2022 20:10

Instrument :
 BNA_G
 ClientSampleId :
 DEL-2



Tgt Ion:264 Resp: 166386
 Ion Ratio Lower Upper
 264 100
 260 26.8 18.2 27.2
 265 25.2 15.1 22.7#

