

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035180.D
 Acq On : 15 Jun 2018 20:22
 Operator : SJ/JU
 Sample : PB110279BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 23:50:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

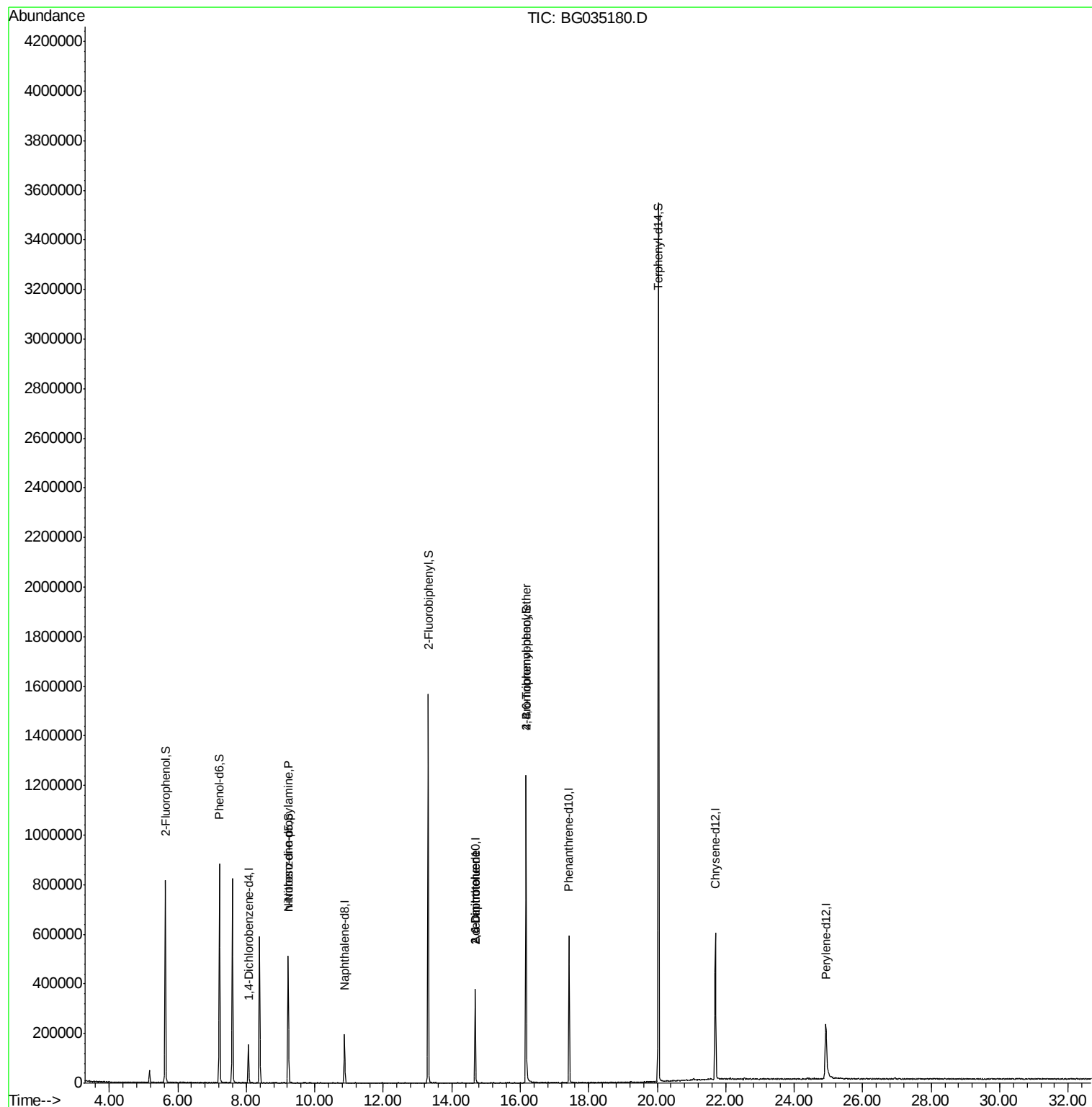
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	43451	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	166233	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	127928	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	371343	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	403063	20.00	ng	-0.02
86) Perylene-d12	24.92	264	342083	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	349725	135.83	ng	0.00
7) Phenol-d6	7.22	99	532144	140.03	ng	0.00
23) Nitrobenzene-d5	9.22	82	341606	97.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	237394	144.96	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	846090	85.98	ng	-0.02
78) Terphenyl-d14	20.03	244	1701434	88.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	46086	14.275	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	18325	9.004	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	18325	6.778	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	19309	4.318	ng	# 1

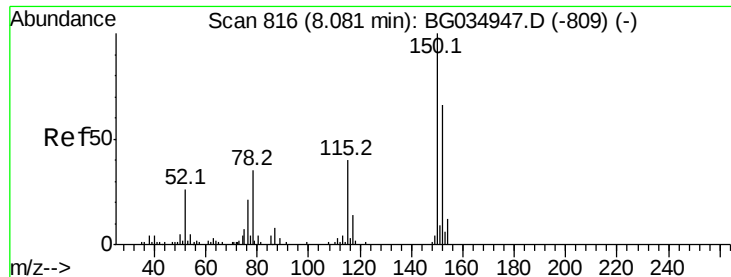
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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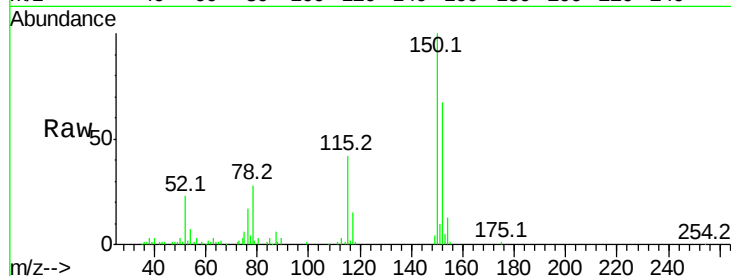


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035180.D
 Acq: 15 Jun 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	63.3	53.0	79.4

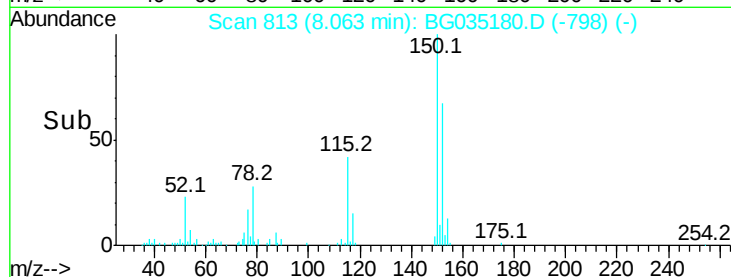
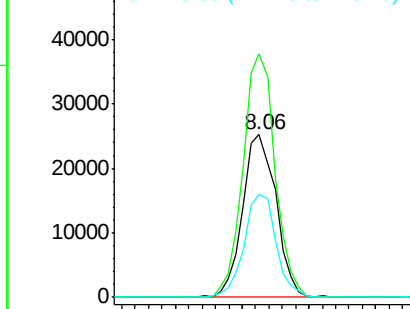


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

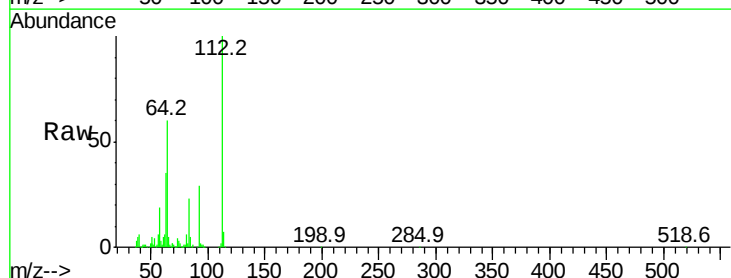
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 135.831 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035180.D
 Acq: 15 Jun 2018 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	56.3	84.5
63	34.7	30.1	45.1

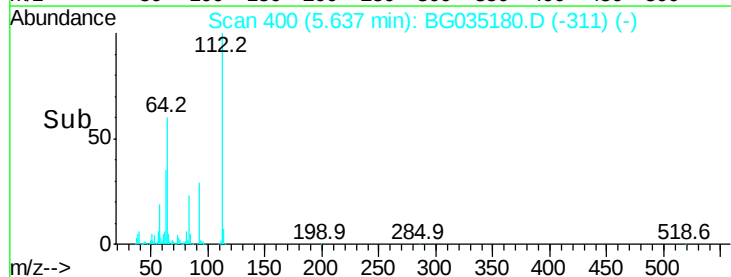
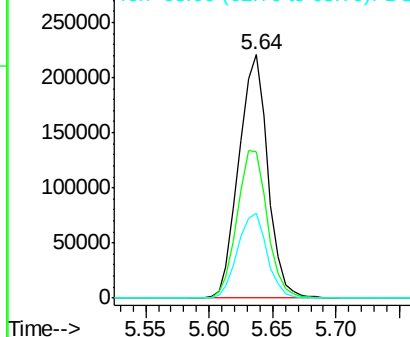


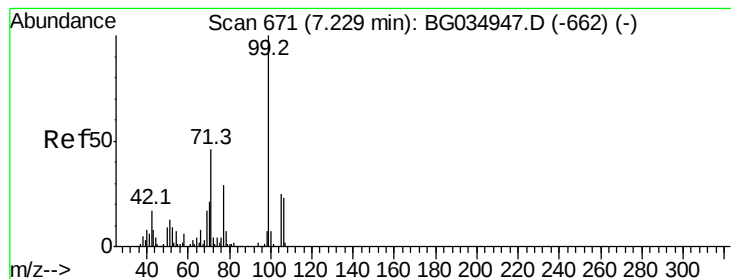
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.034 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

Instrument :

BNA_G

ClientSampleId :

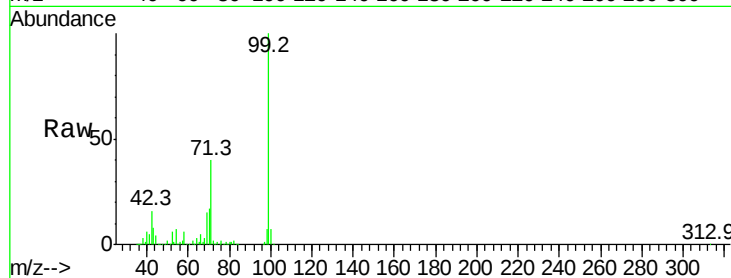
Tot Ion: 99 Resp: 532144

Ion Ratio Lower Upper

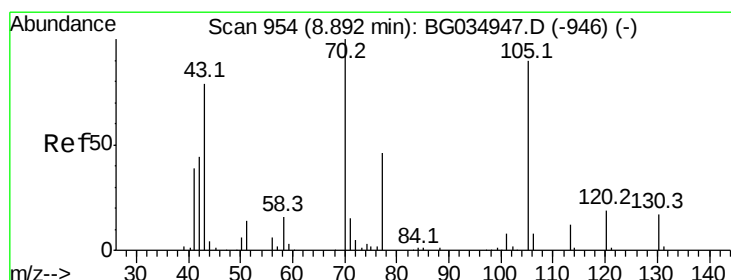
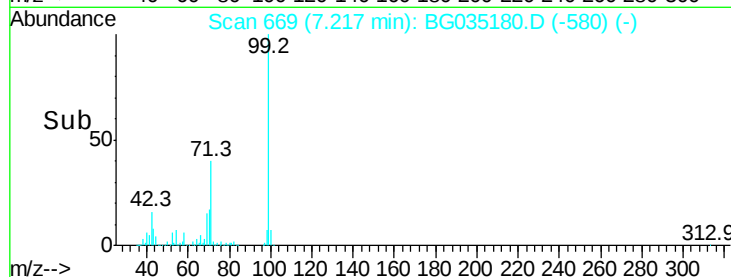
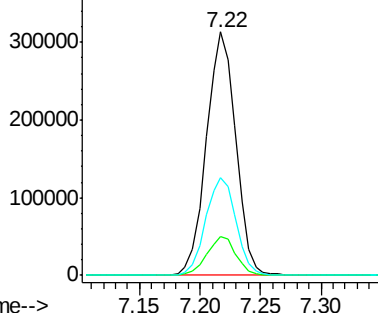
99 100

42 16.1 14.1 21.1

71 40.4 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 14.275 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

Tgt Ion: 70 Resp: 46086

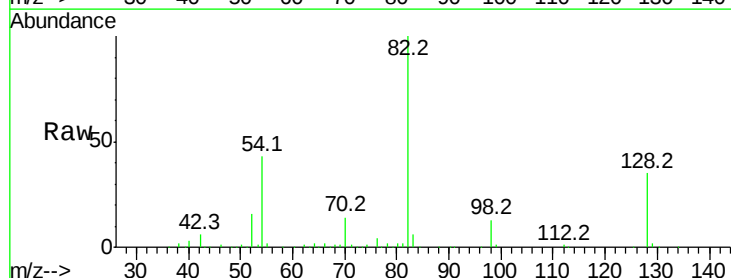
Ion Ratio Lower Upper

70 100

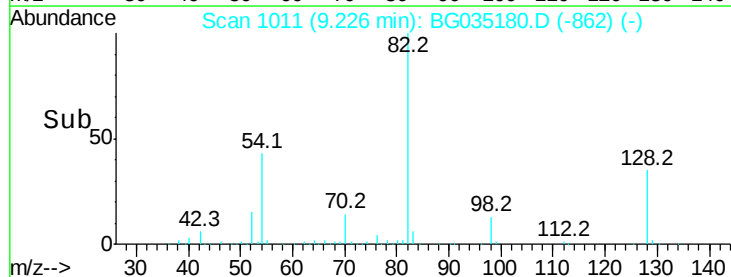
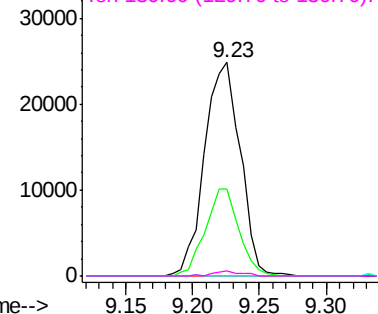
42 40.8 49.1 73.7#

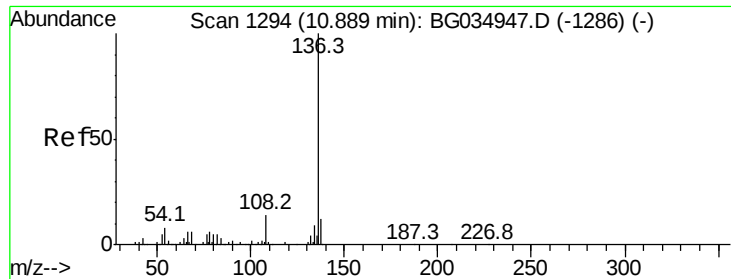
101 0.0 8.5 12.7#

130 2.5 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

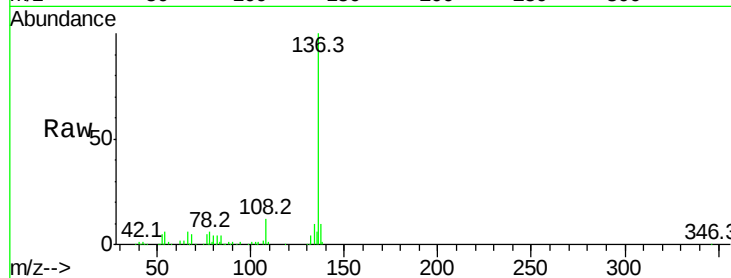




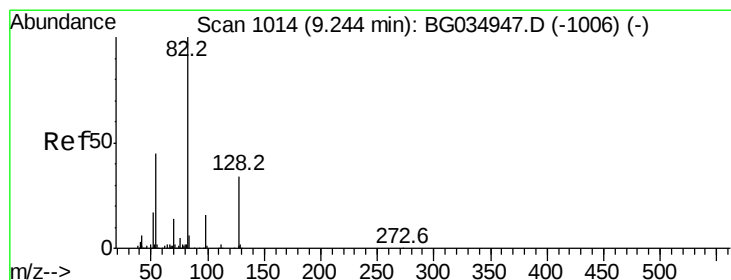
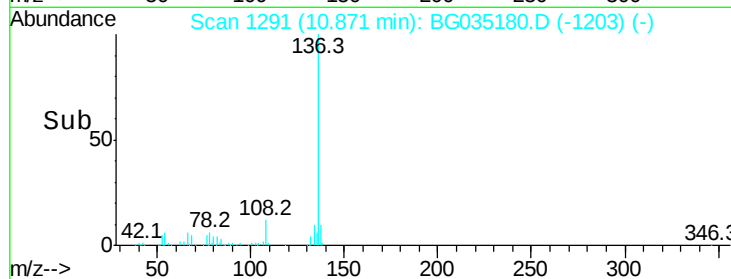
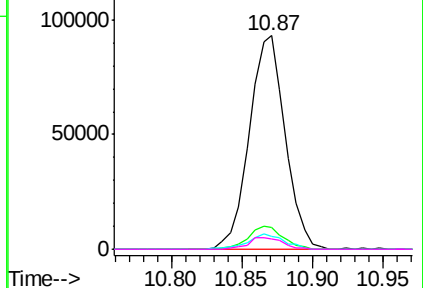
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	166233
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	6.2	10.3	15.5#
68	4.7	4.5	6.7

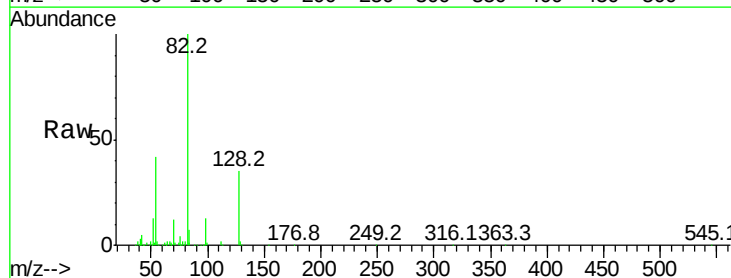


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

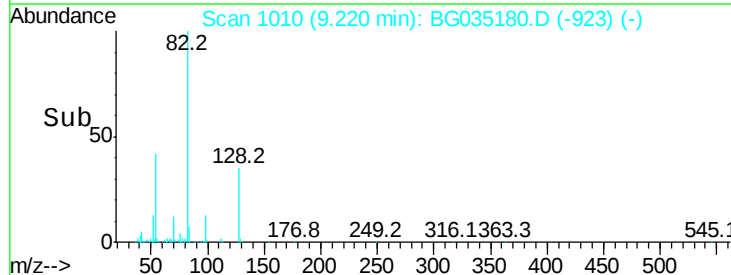
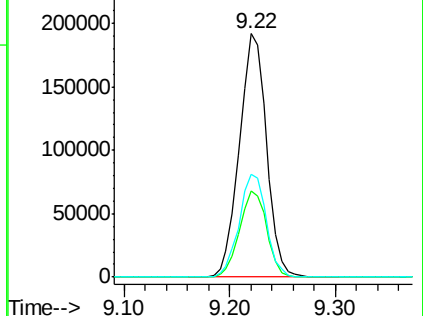


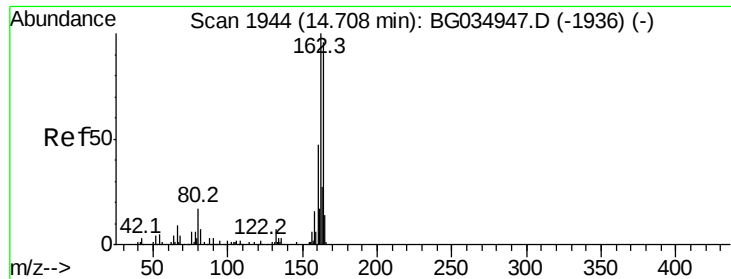
#23
Nitrobenzene-d5
Concen: 97.682 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Tgt Ion:	82	Resp:	341606
Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	42.4	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

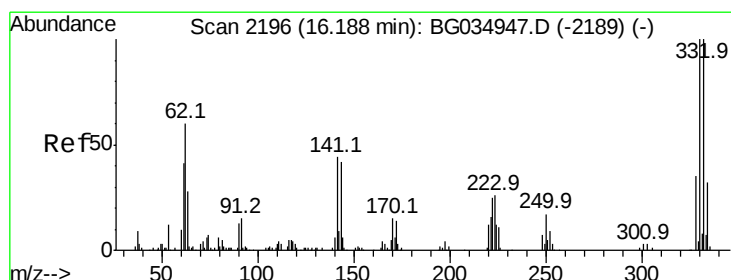
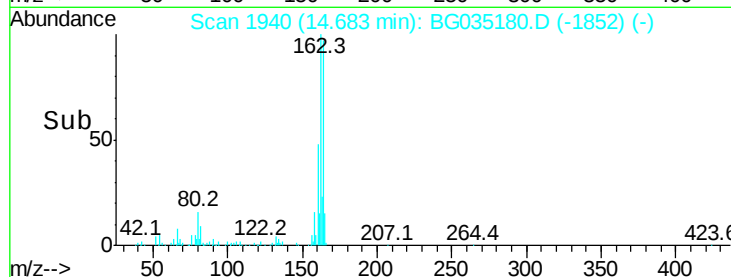
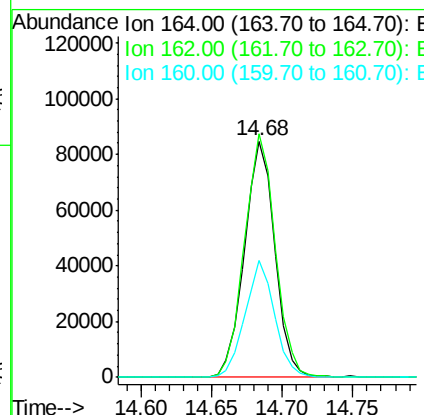
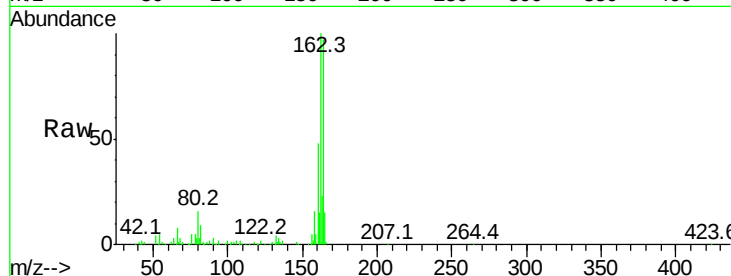




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

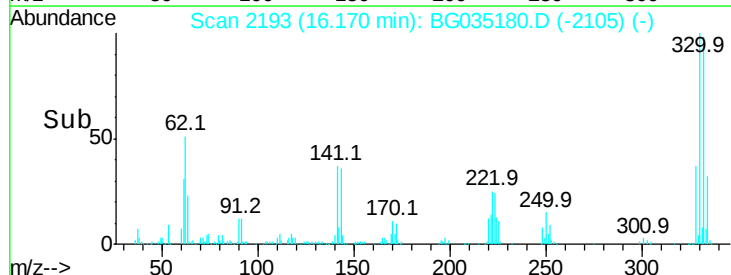
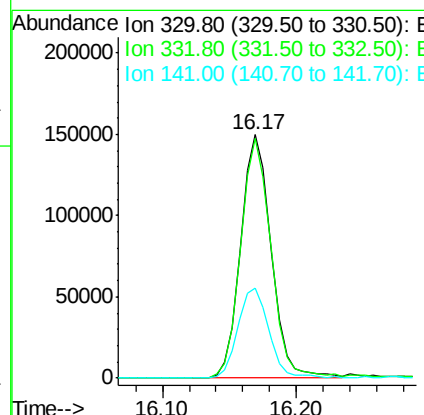
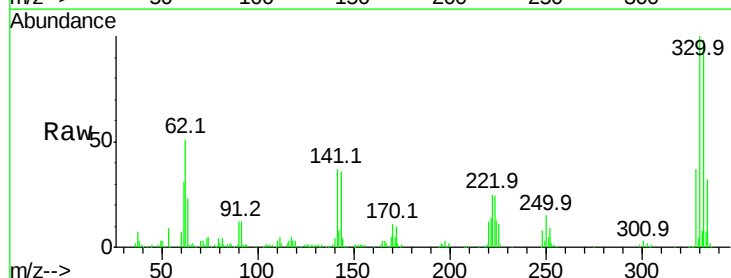
Instrument :
BNA_G
ClientSampleId :

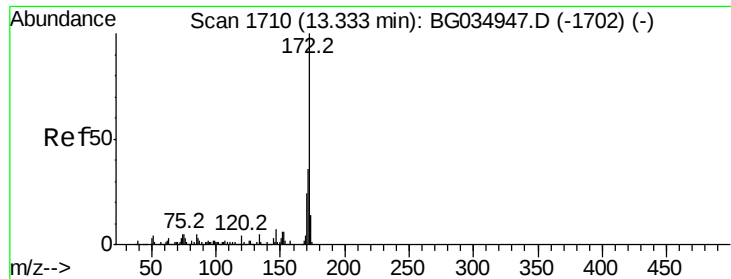
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	49.6	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 144.961 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	37.7	25.2	37.8





#44

2-Fluorobiphenyl

Concen: 85.979 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

Instrument :

BNA_G

ClientSampleId :

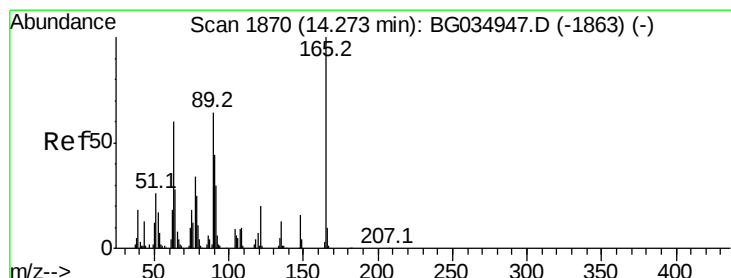
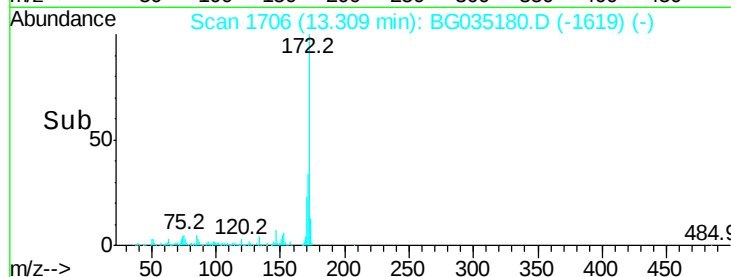
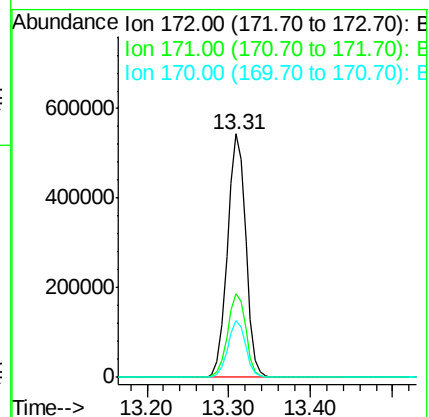
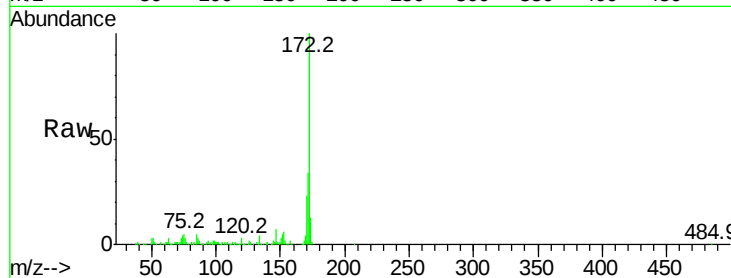
Tot Ion:172 Resp: 846090

Ion Ratio Lower Upper

172 100

171 34.3 30.0 45.0

170 23.3 19.5 29.3



#50

2,6-Dinitrotoluene

Concen: 9.004 ng

RT: 14.68 min Scan# 1940

Delta R.T. 0.42 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

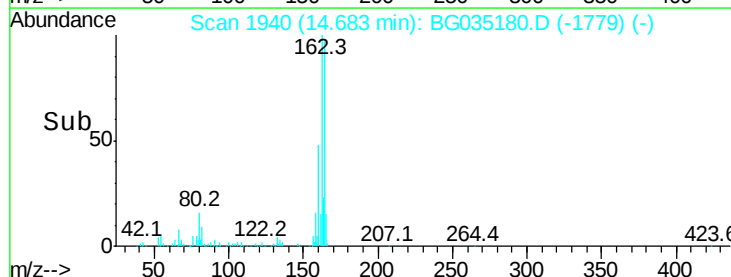
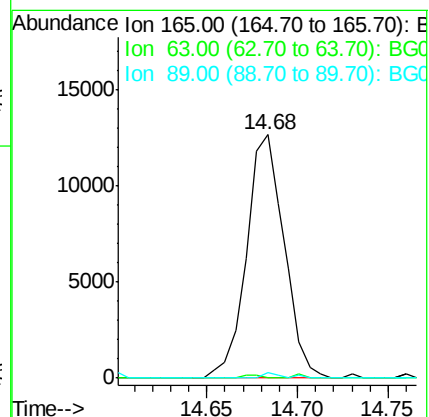
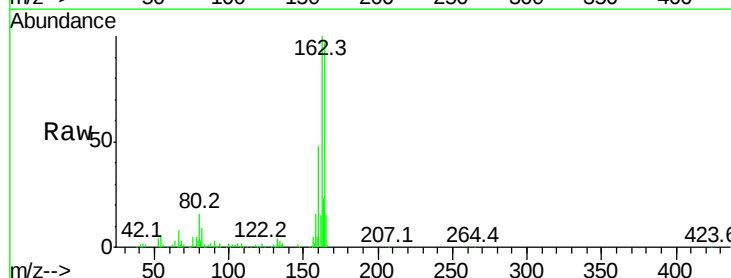
Tgt Ion:165 Resp: 18325

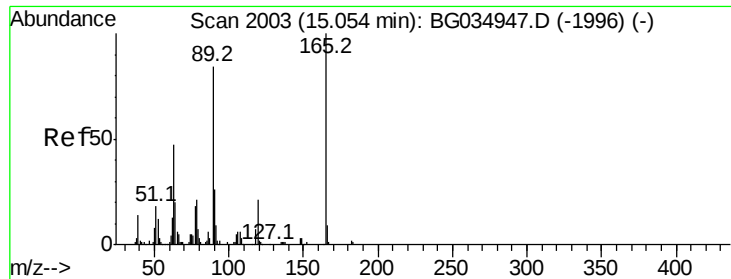
Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

89 2.1 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 6.778 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.37 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 18325

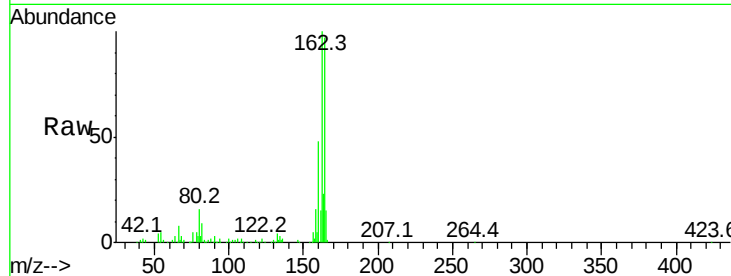
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.1 66.9 100.3#

182 0.0 2.6 3.8#

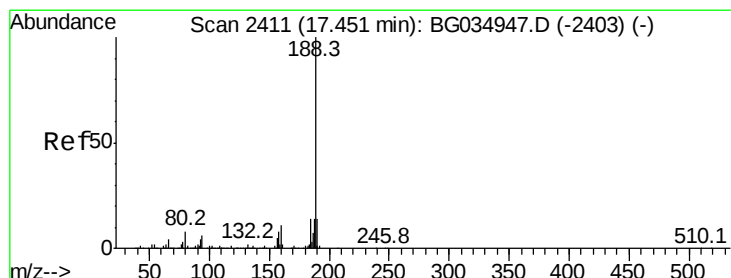
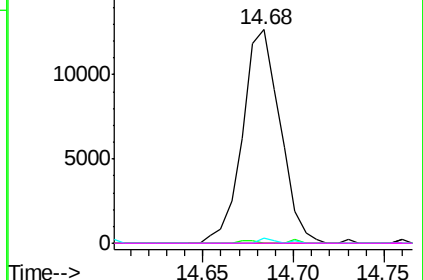
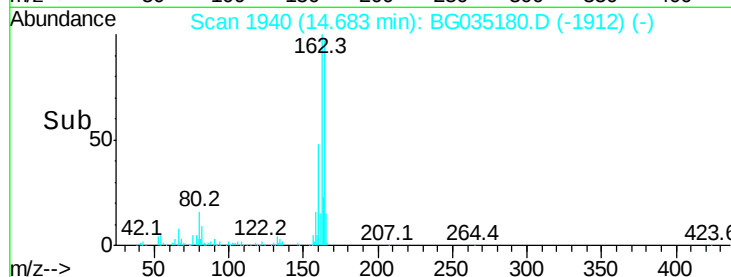


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

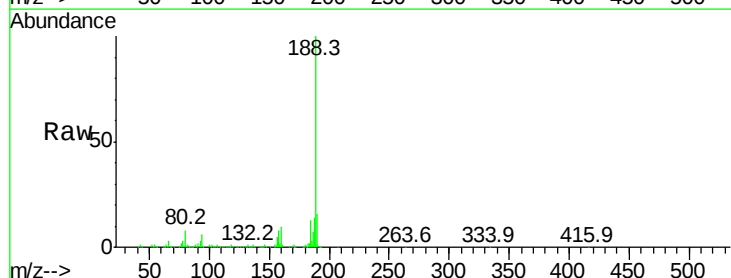
Tgt Ion:188 Resp: 371343

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

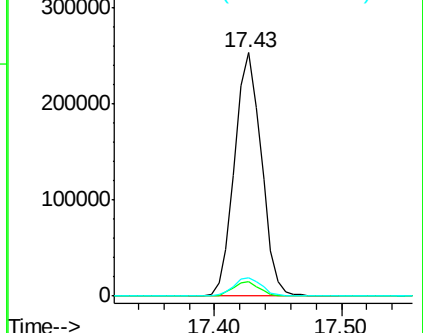
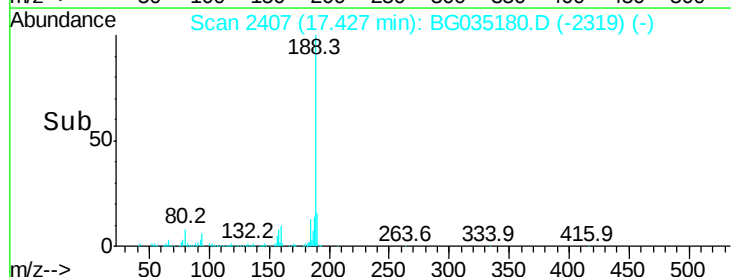
80 7.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

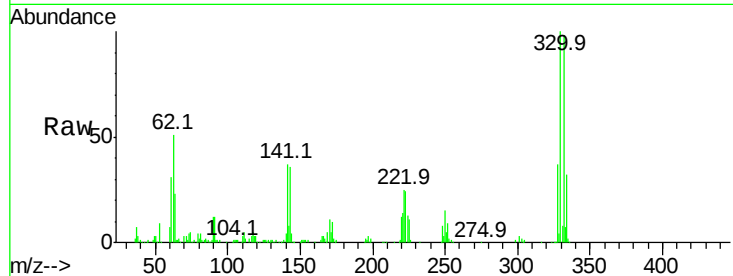




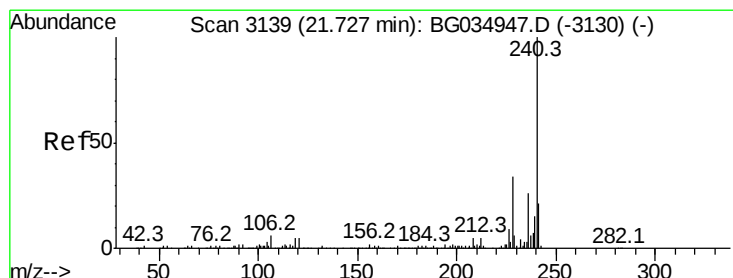
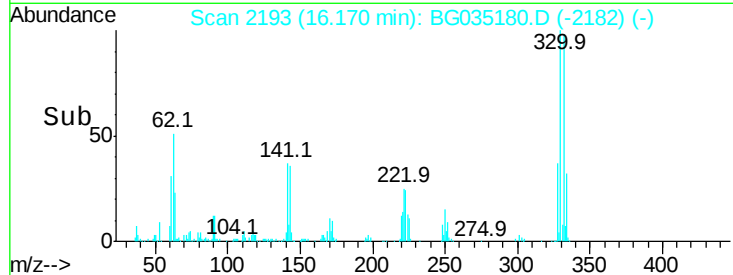
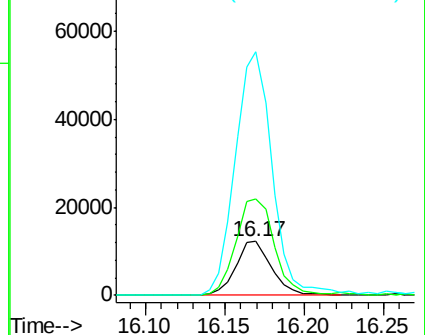
#66
4-Bromophenyl-phenylether
Concen: 4.318 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.47 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19309
Ion Ratio Lower Upper
248 100
250 179.2 77.1 115.7#
141 454.0 50.8 76.2#

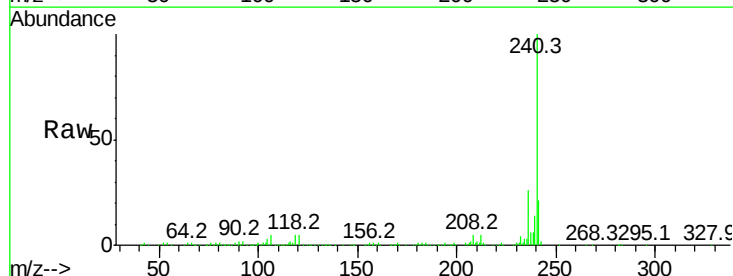


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

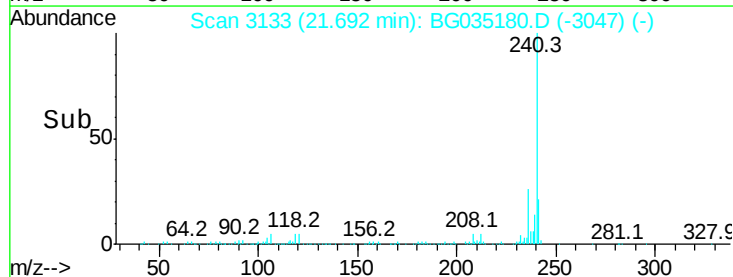
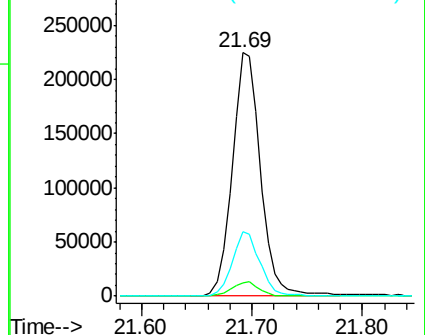


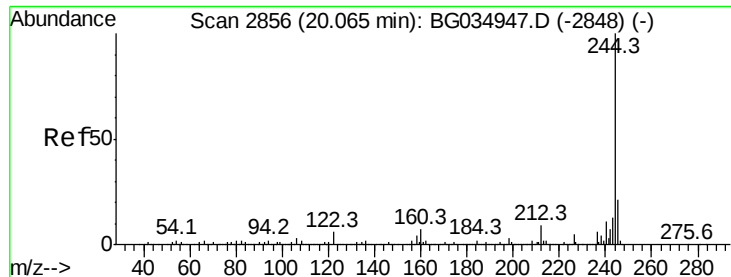
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035180.D
Acq: 15 Jun 2018 20:22

Tgt Ion:240 Resp: 403063
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.422 ng

RT: 20.03 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

Instrument :

BNA_G

ClientSampleId :

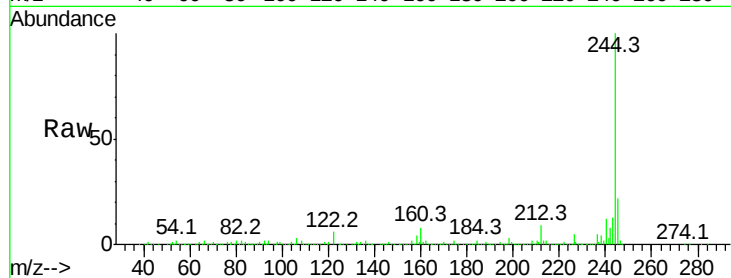
Tot Ion:244 Resp: 1701434

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

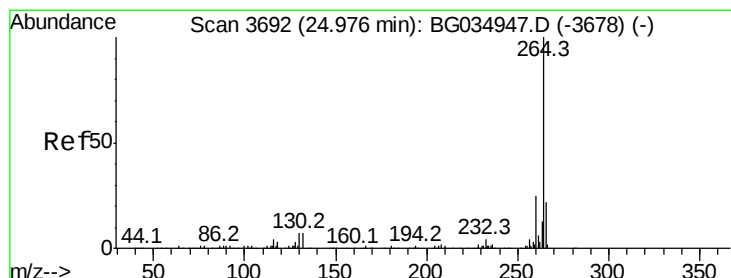
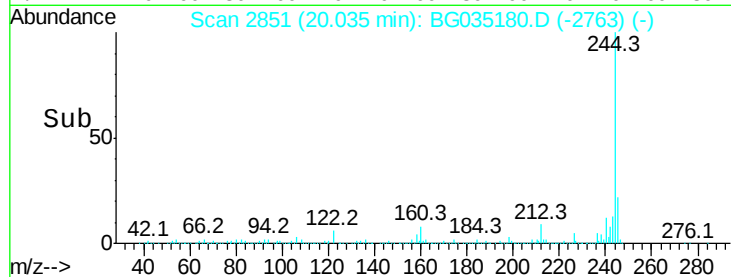
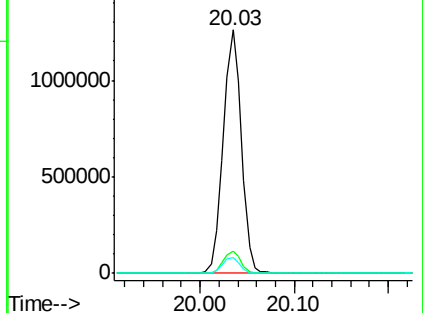
122 6.3 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035180.D

Acq: 15 Jun 2018 20:22

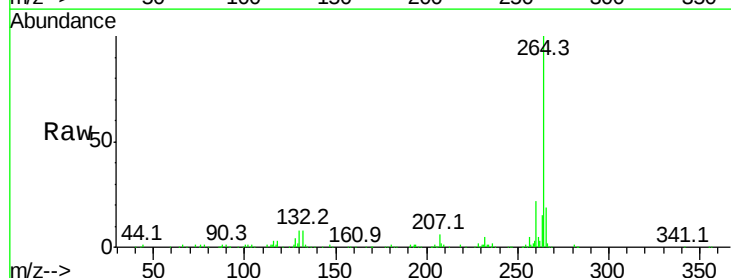
Tgt Ion:264 Resp: 342083

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 19.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

