

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062718\
 Data File : BG035451.D
 Acq On : 27 Jun 2018 18:54
 Operator : JU/SJ
 Sample : PB110639BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110639BL

Quant Time: Jun 28 01:01:55 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

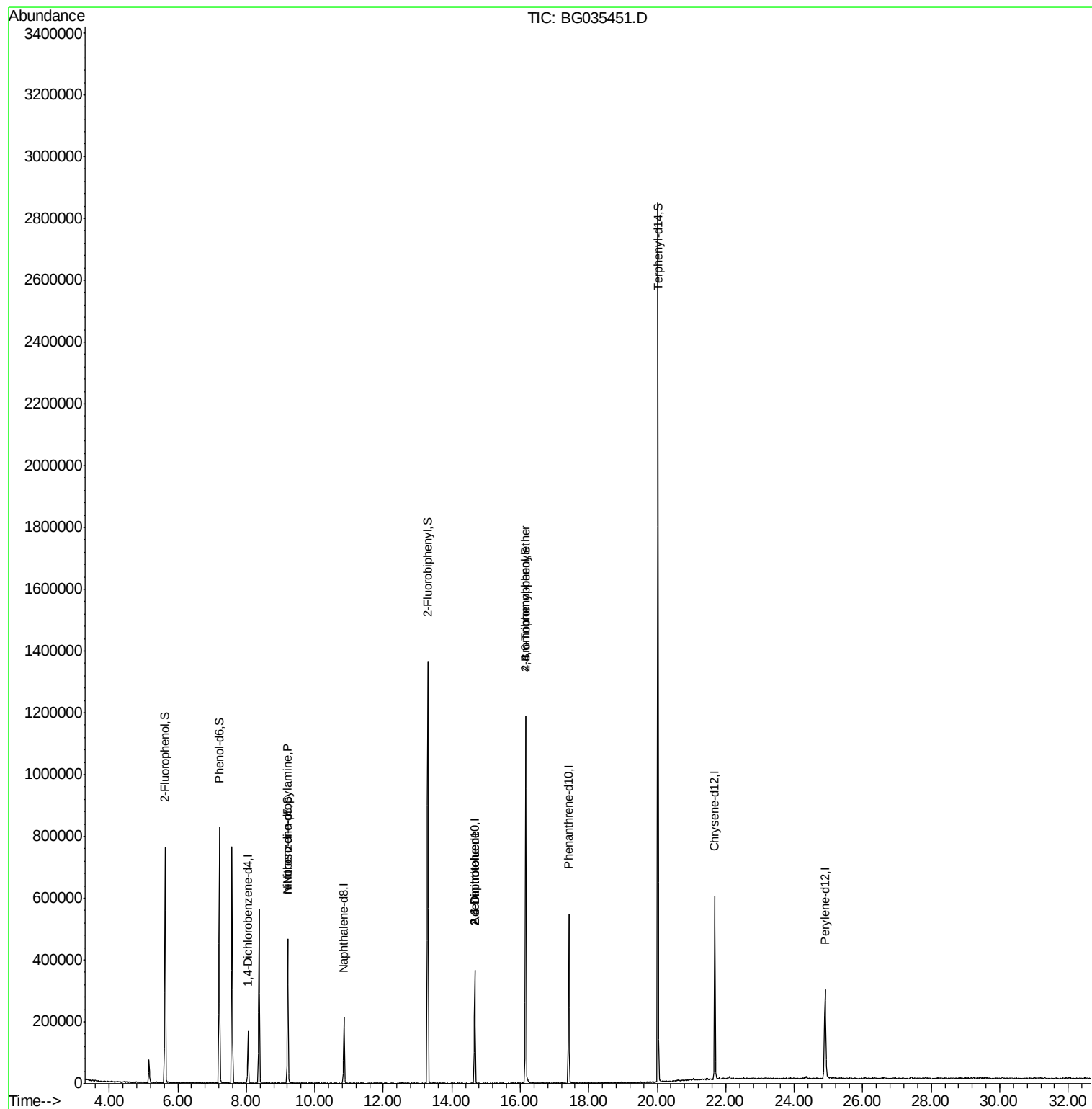
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47642	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	174888	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	127796	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	353085	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	393804	20.00	ng	-0.04
86) Perylene-d12	24.90	264	364841	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	339670	120.32	ng	-0.01
7) Phenol-d6	7.21	99	500896	120.22	ng	-0.01
23) Nitrobenzene-d5	9.21	82	313685	85.26	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	231316	141.40	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	759123	77.22	ng	-0.03
78) Terphenyl-d14	20.02	244	1434184	76.29	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	41997	11.864	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	18027	8.867	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	18027	6.675	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	17566	4.131	ng	# 1

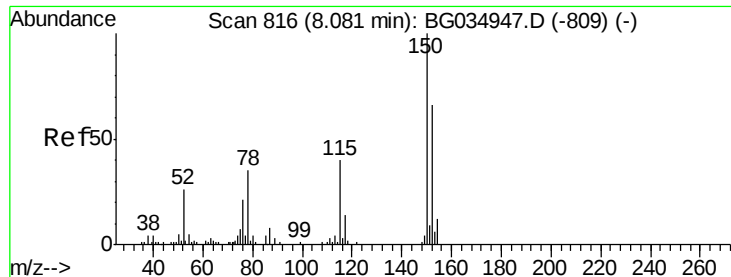
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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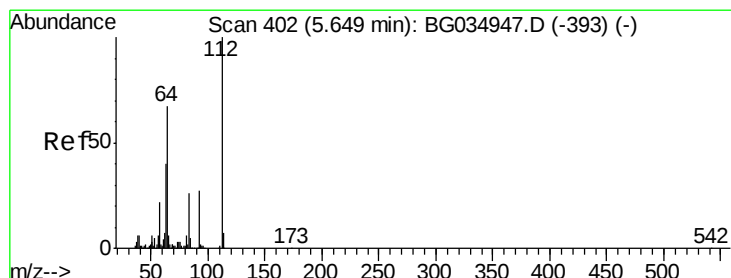
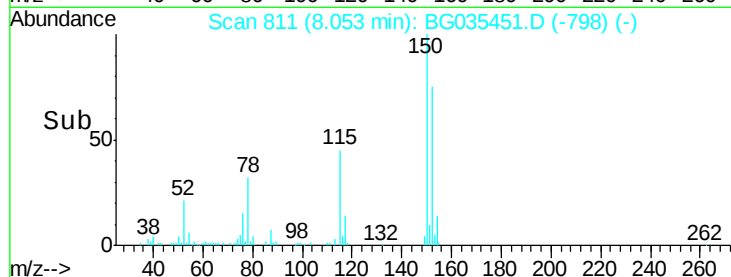
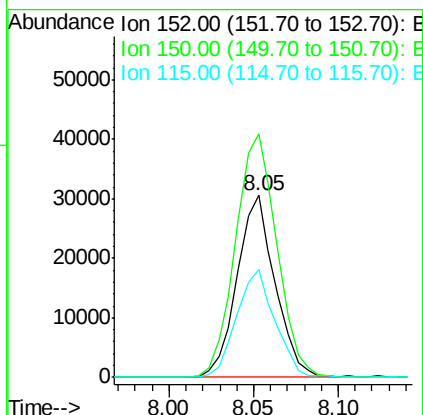
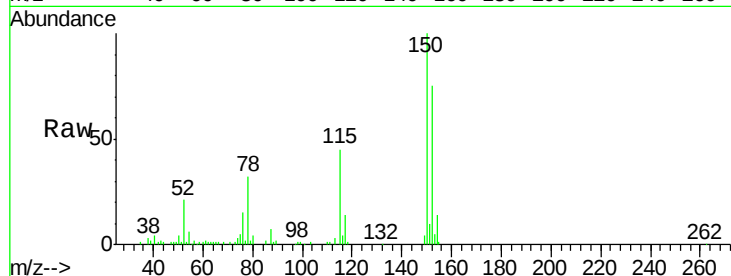


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035451.D
Acq: 27 Jun 2018 18:54

Instrument :
BNA_G
ClientSampleId :
PB110639BL

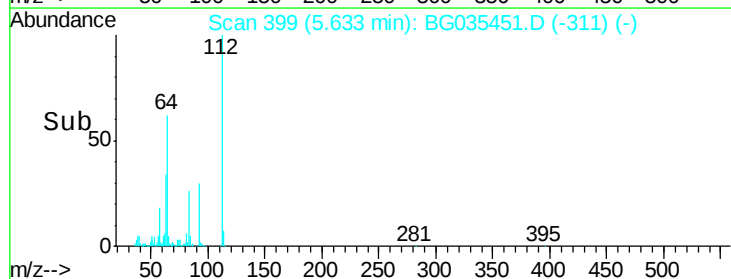
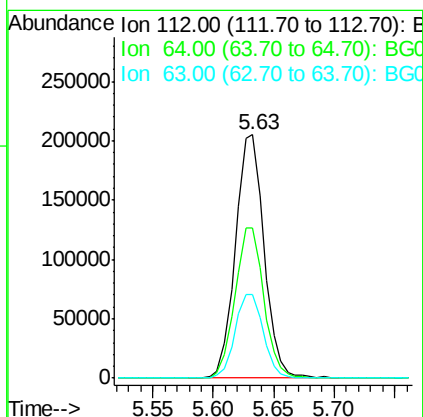
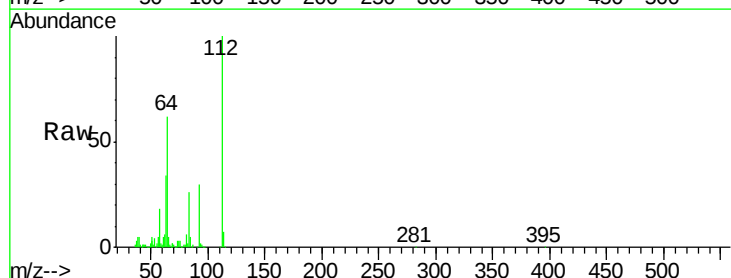
Tgt Ion:152 Resp: 47642
Ion Ratio Lower Upper
152 100
150 133.7 126.6 189.8
115 59.5 53.0 79.4

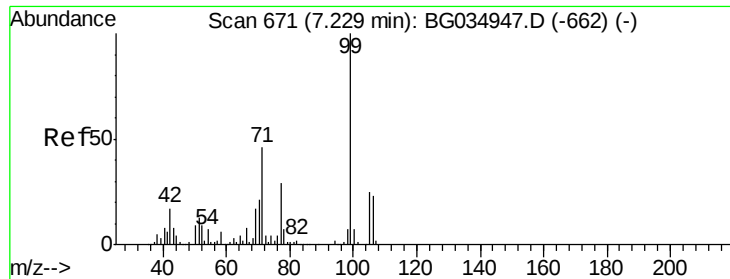


#5

2-Fluorophenol
Concen: 120.320 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035451.D
Acq: 27 Jun 2018 18:54

Tgt Ion:112 Resp: 339670
Ion Ratio Lower Upper
112 100
64 61.9 56.3 84.5
63 34.4 30.1 45.1





#7

Phenol-d6

Concen: 120.215 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_G

ClientSampleId :

PB110639BL

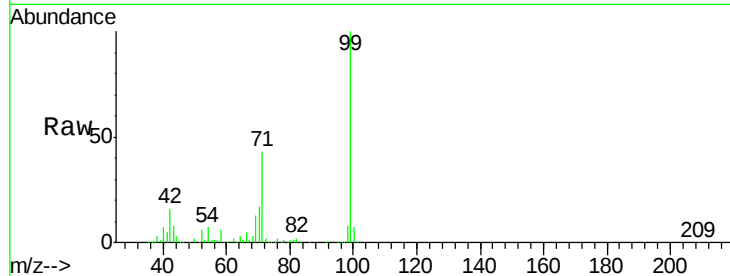
Tgt Ion: 99 Resp: 500896

Ion Ratio Lower Upper

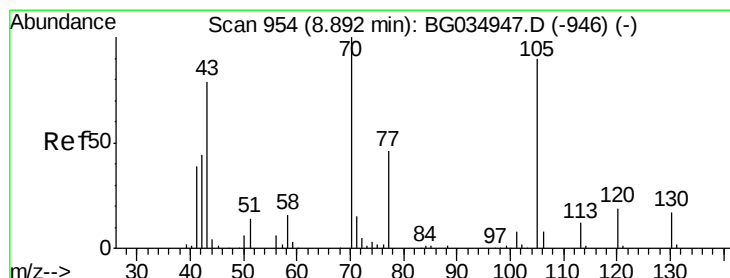
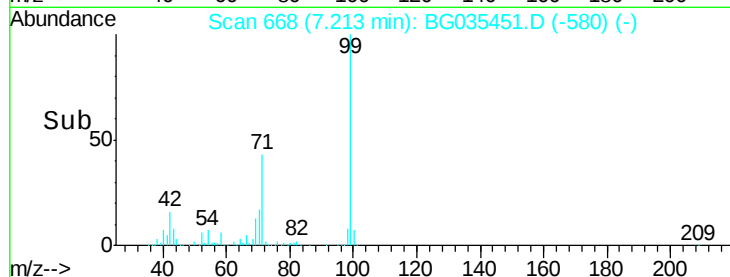
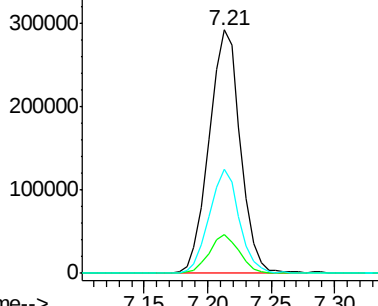
99 100

42 16.1 14.1 21.1

71 42.9 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: 11.864 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Tgt Ion: 70 Resp: 41997

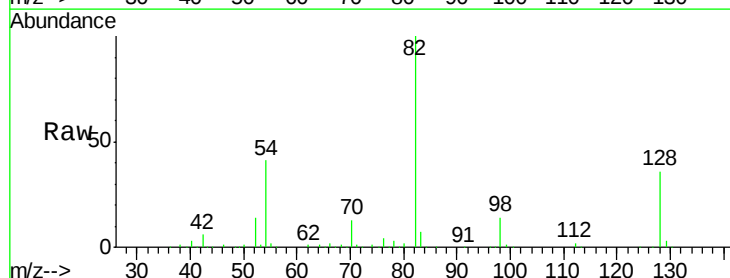
Ion Ratio Lower Upper

70 100

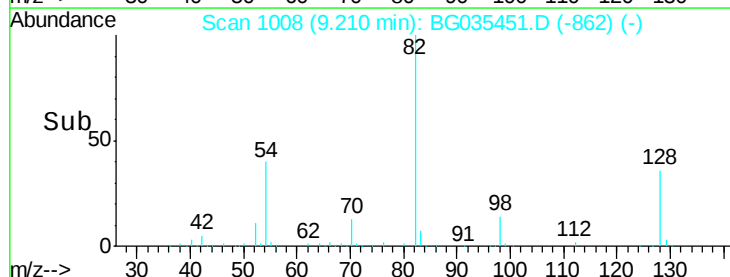
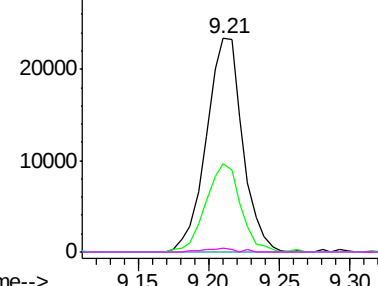
42 41.4 49.1 73.7#

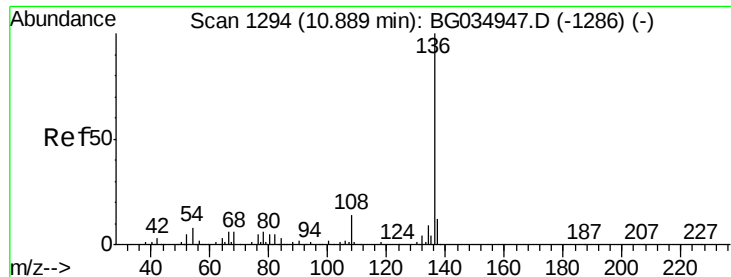
101 0.0 8.5 12.7#

130 2.1 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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_G

ClientSampleId :

PB110639BL

Tgt Ion: 136 Resp: 174888

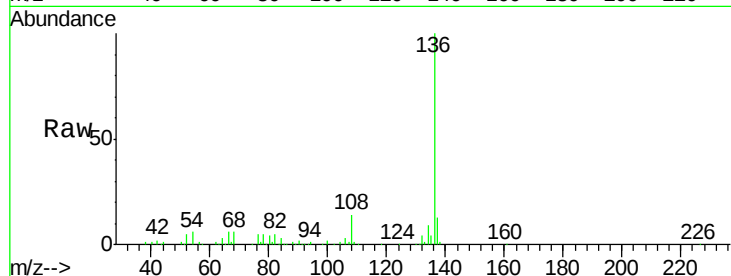
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 6.2 10.3 15.5#

68 5.8 4.5 6.7

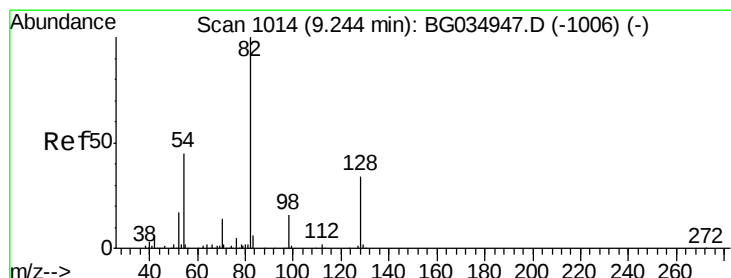
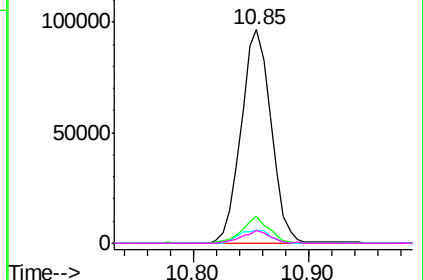
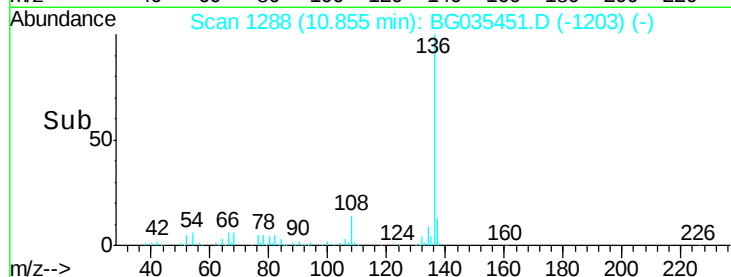


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 85.259 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

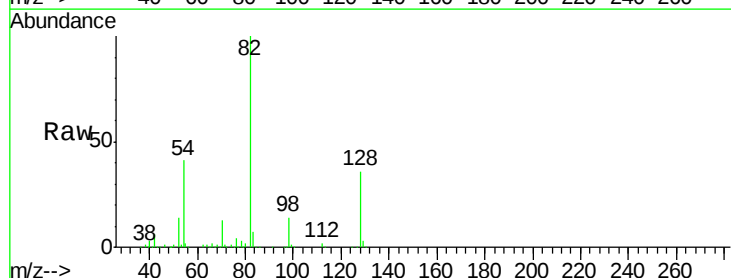
Tgt Ion: 82 Resp: 313685

Ion Ratio Lower Upper

82 100

128 36.4 29.7 44.5

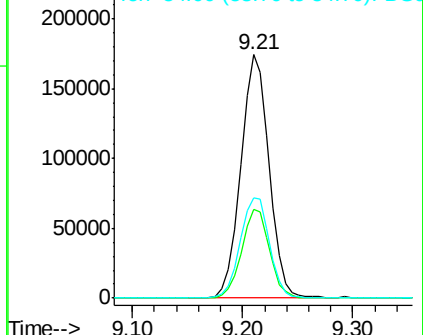
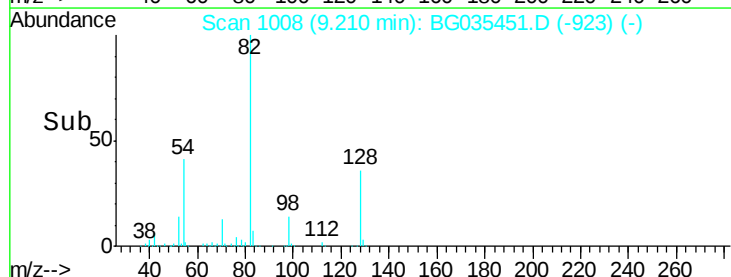
54 41.3 43.1 64.7#

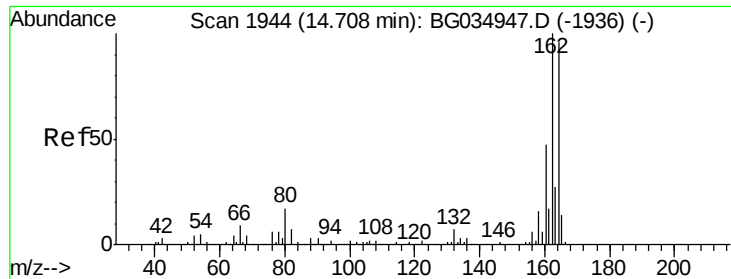


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_G

ClientSampleId :

PB110639BL

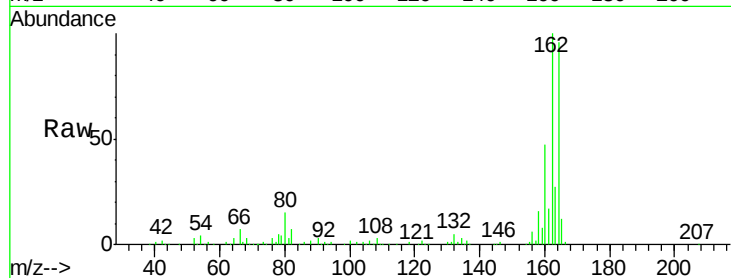
Tgt Ion:164 Resp: 127796

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

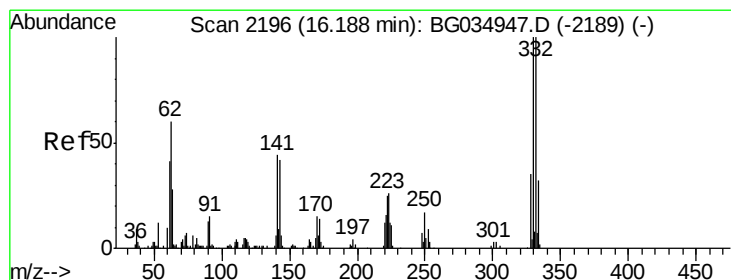
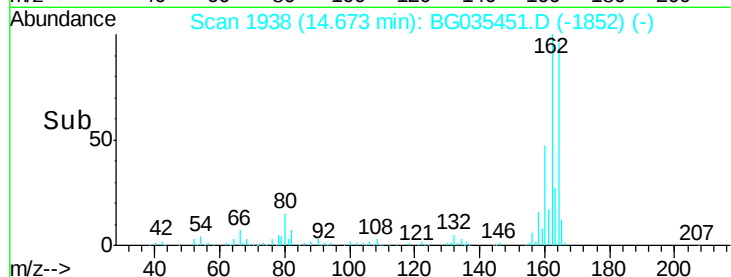
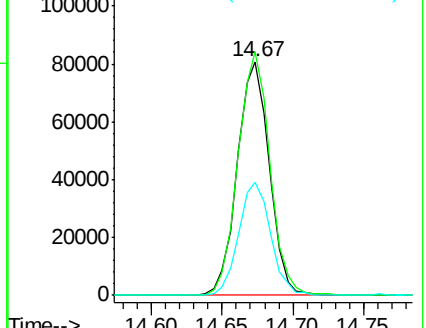
160 48.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 141.395 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

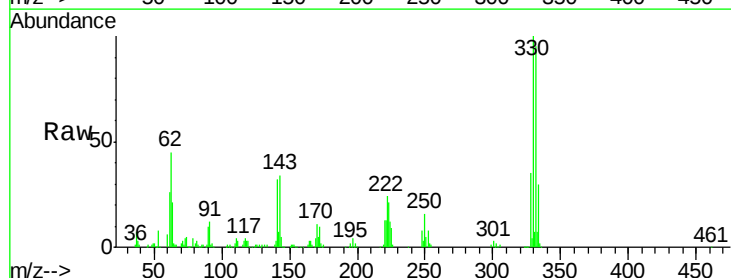
Tgt Ion:330 Resp: 231316

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

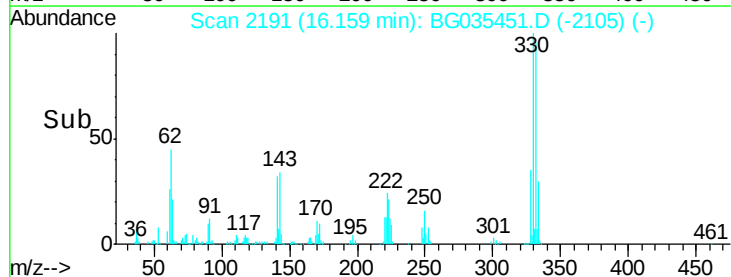
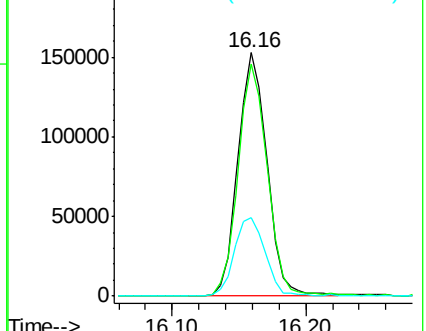
141 34.2 25.2 37.8

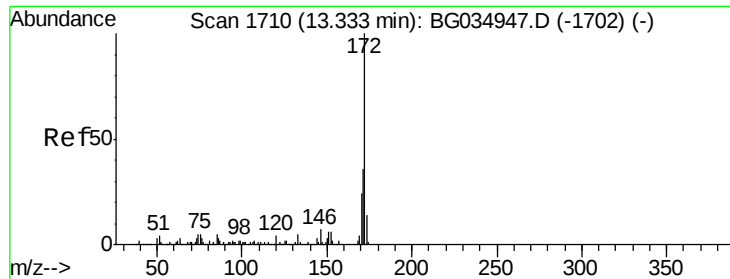


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 77.221 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_G

ClientSampleId :

PB110639BL

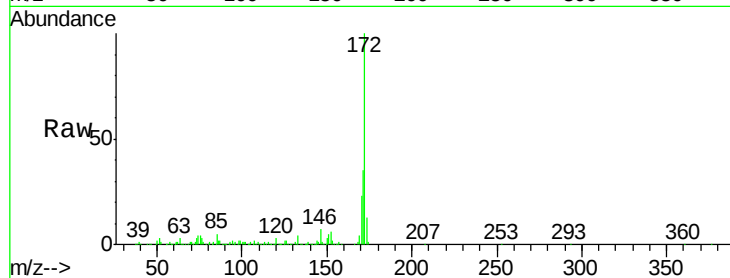
Tgt Ion:172 Resp: 759123

Ion Ratio Lower Upper

172 100

171 34.7 30.0 45.0

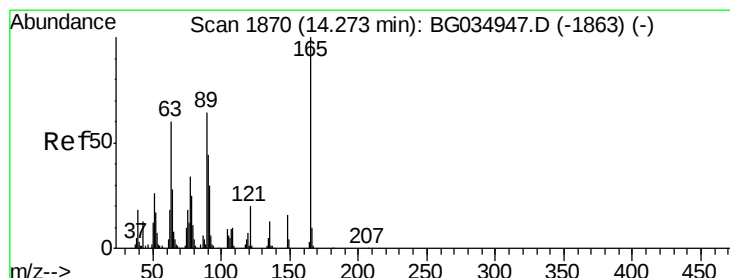
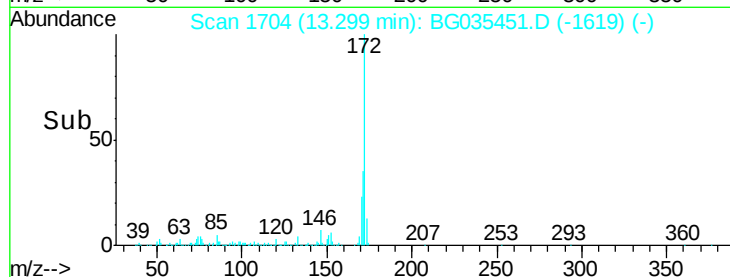
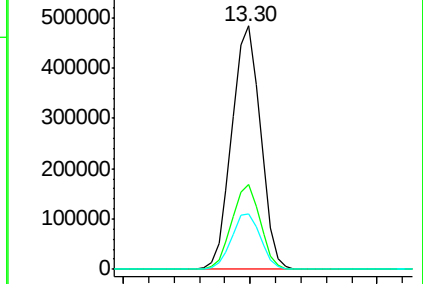
170 22.5 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

2,6-Dinitrotoluene

Concen: 8.867 ng

RT: 14.67 min Scan# 1937

Delta R.T. 0.40 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

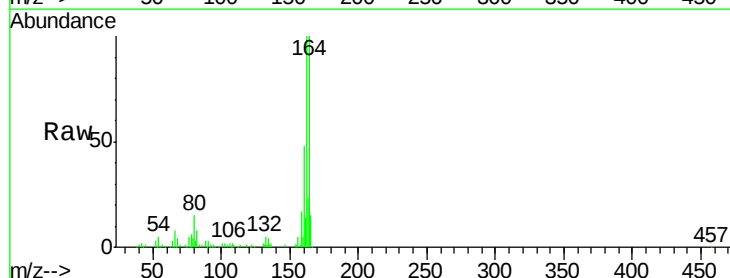
Tgt Ion:165 Resp: 18027

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

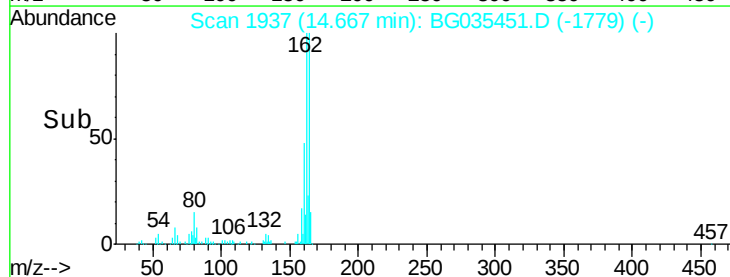
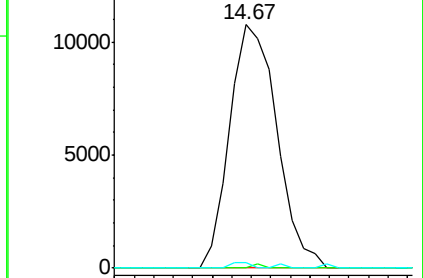
89 2.0 49.2 73.8#

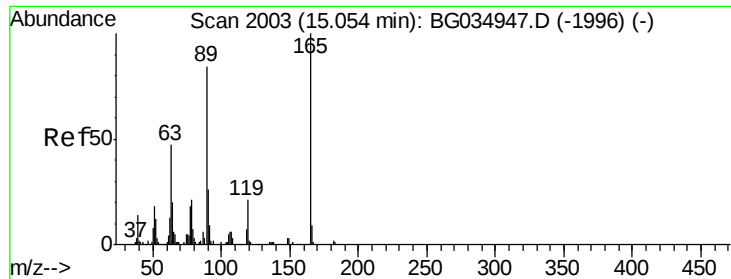


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

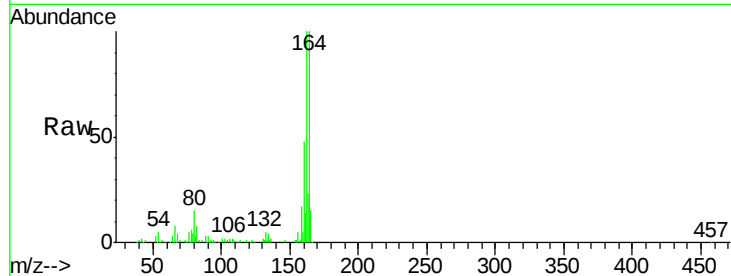




#56
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.38 min
Lab File: BG035451.D
Acq: 27 Jun 2018 18:54

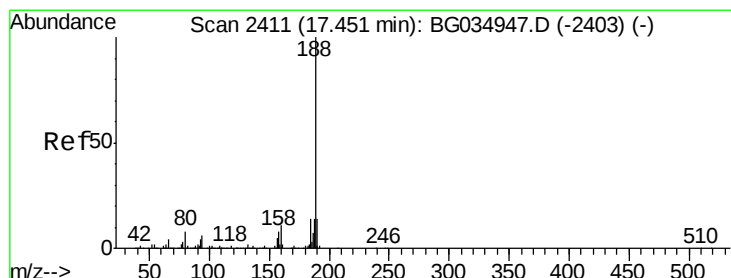
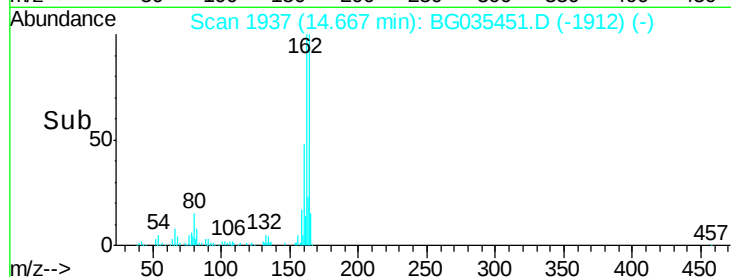
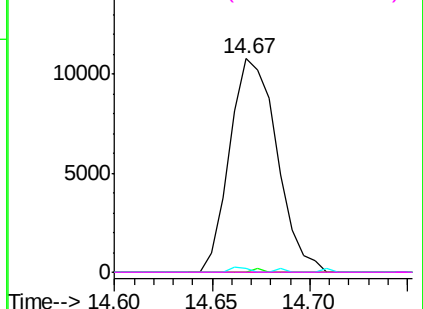
Instrument :
BNA_G
ClientSampleId :
PB110639BL

Tgt Ion:165 Resp: 18027
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.0 66.9 100.3#
182 0.0 2.6 3.8#



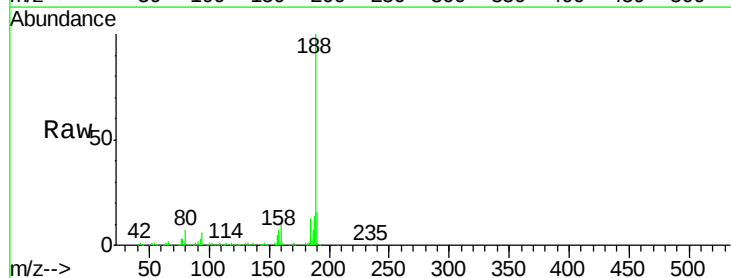
Abundance Ion 165.00 (164.70 to 165.70): E

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



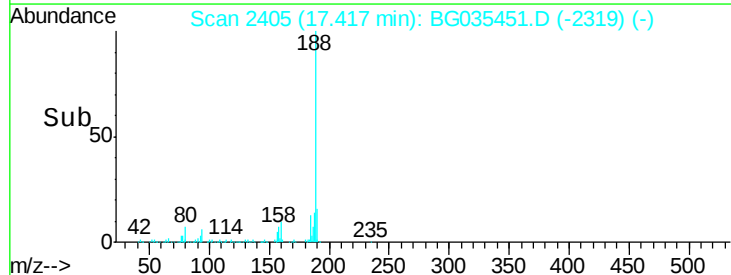
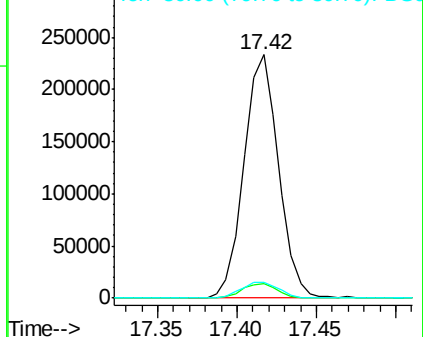
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035451.D
Acq: 27 Jun 2018 18:54

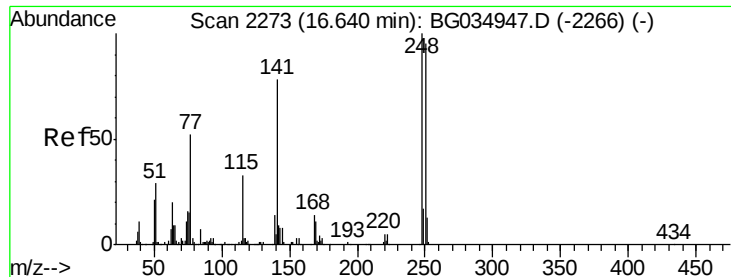
Tgt Ion:188 Resp: 353085
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 6.7 7.7 11.5#



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

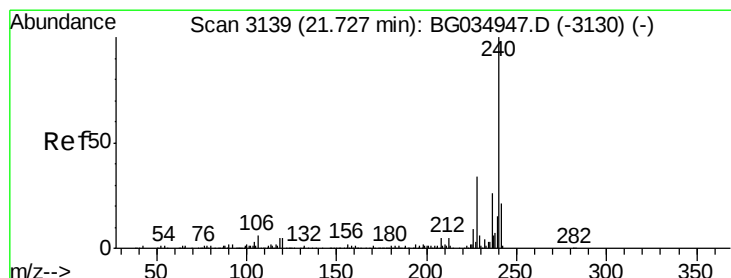
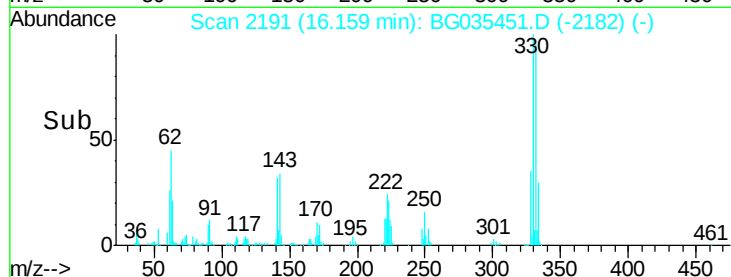
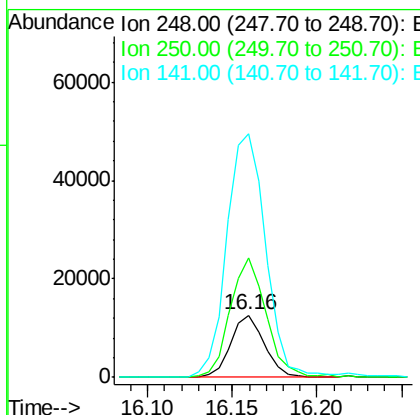
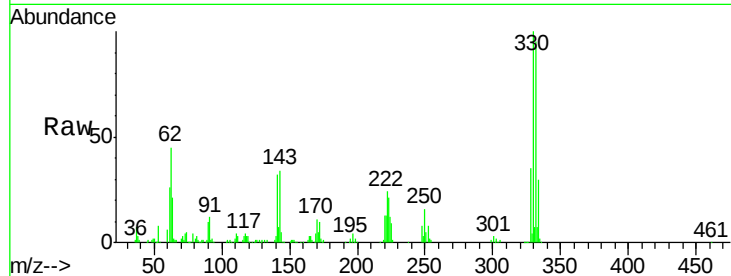




#66
 4-Bromophenyl-phenylether
 Concen: 4.131 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035451.D
 Acq: 27 Jun 2018 18:54

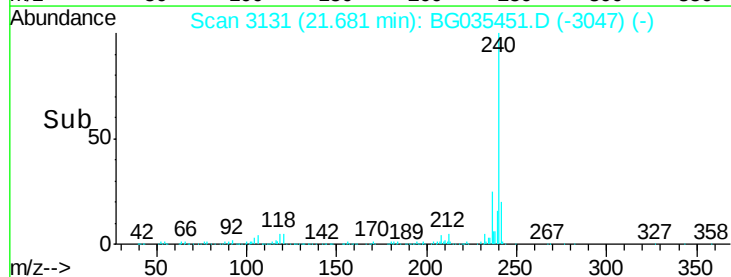
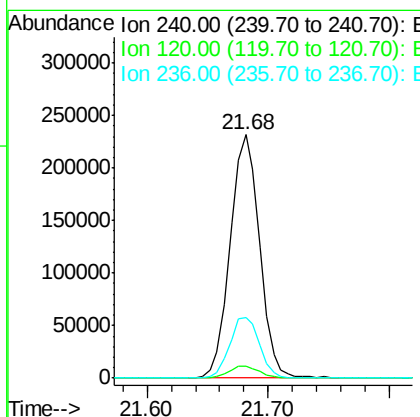
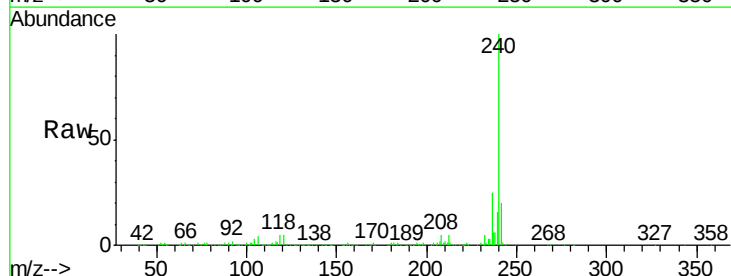
Instrument :
 BNA_G
 ClientSampleId :
 PB110639BL

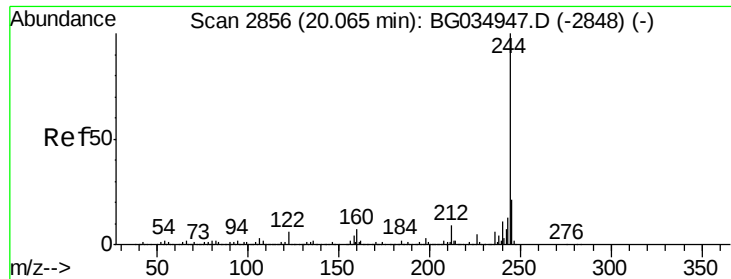
Tgt Ion:248 Resp: 17566
 Ion Ratio Lower Upper
 248 100
 250 191.0 77.1 115.7#
 141 391.1 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035451.D
 Acq: 27 Jun 2018 18:54

Tgt Ion:240 Resp: 393804
 Ion Ratio Lower Upper
 240 100
 120 4.8 6.8 10.2#
 236 24.9 20.9 31.3





#78

Terphenyl-d14

Concen: 76.285 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

Instrument :

BNA_G

ClientSampleId :

PB110639BL

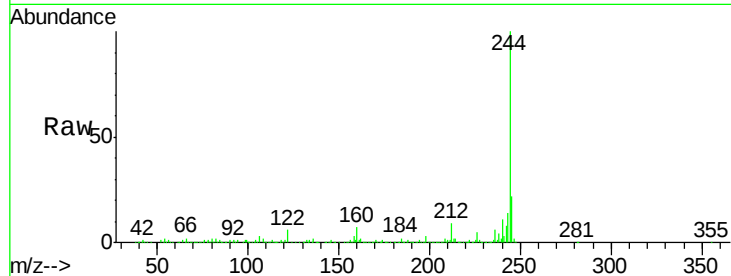
Tgt Ion:244 Resp: 1434184

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

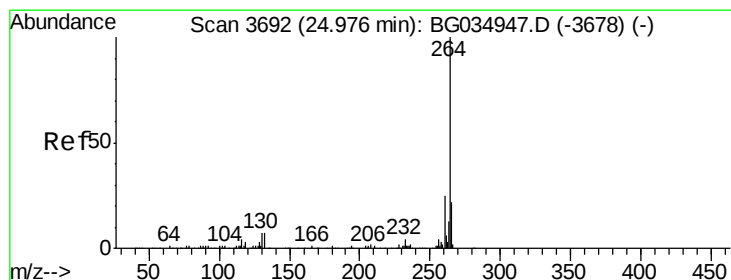
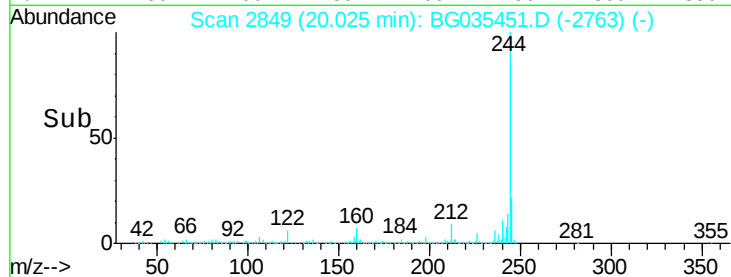
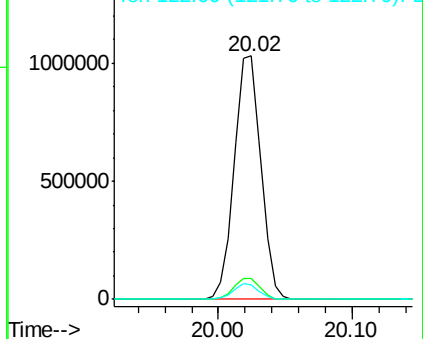
122 6.1 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035451.D

Acq: 27 Jun 2018 18:54

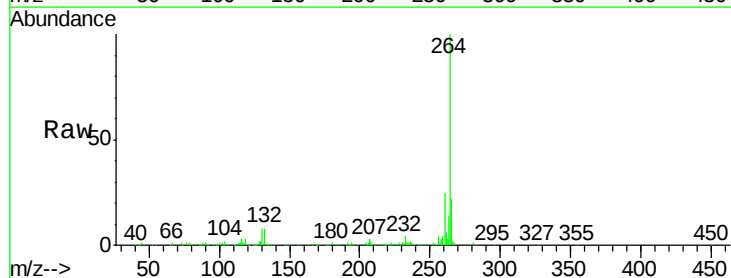
Tgt Ion:264 Resp: 364841

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.7 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

