

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031960.D
 Acq On : 9 Jan 2018 23:56
 Operator : SJ/JU
 Sample : J1038-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 01:55:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

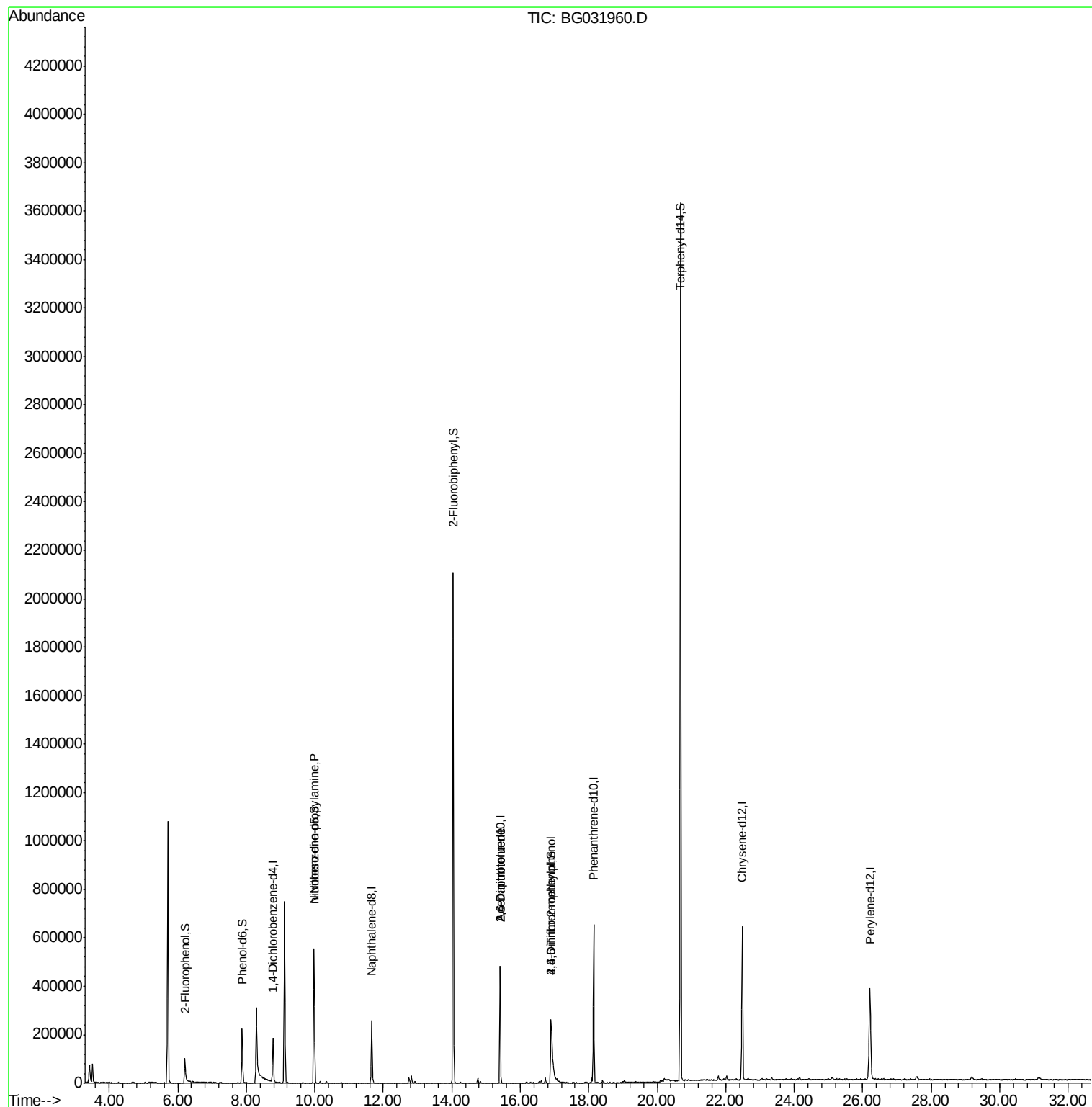
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	62977	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	267785	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	187410	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	442803	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	489311	20.00	ng	-0.04
86) Perylene-d12	26.21	264	505325	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	88604	25.63	ng	0.00
7) Phenol-d6	7.88	99	159324	35.49	ng	-0.01
23) Nitrobenzene-d5	9.98	82	360831	101.75	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	163016	57.01	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1261942	84.52	ng	-0.01
78) Terphenyl-d14	20.67	244	1980988	92.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	46821	15.272	ng	# 73
50) 2,6-Dinitrotoluene	15.41	165	24136	7.947	ng	# 20
56) 2,4-Dinitrotoluene	15.41	165	24136	6.180	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.90	198	144	8.361	ng	# 29

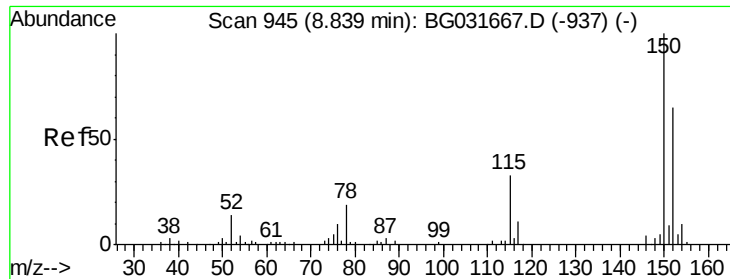
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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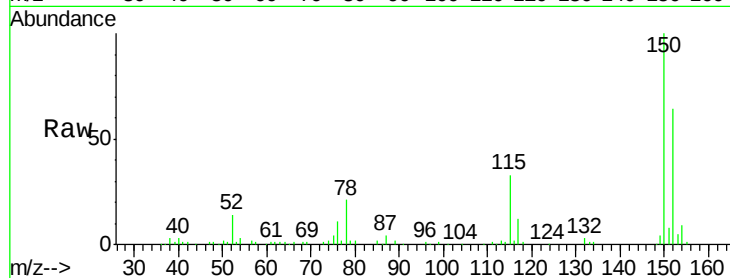


#1

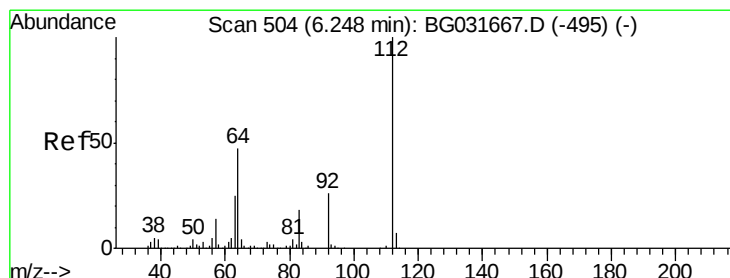
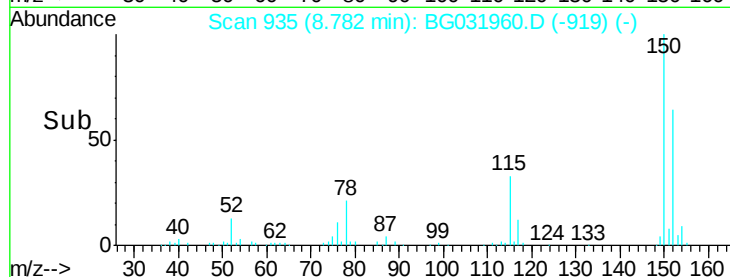
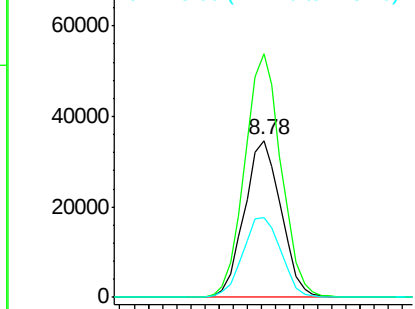
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031960.D
Acq: 9 Jan 2018 23:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62977
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 50.9 53.0 79.4#



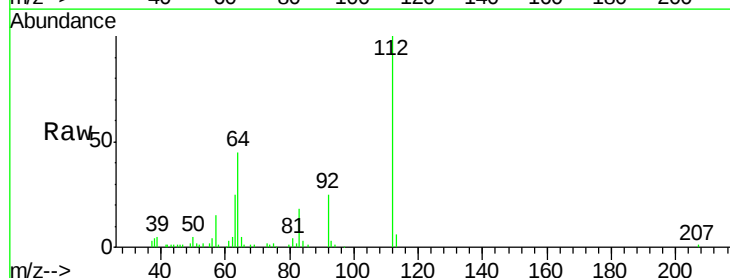
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



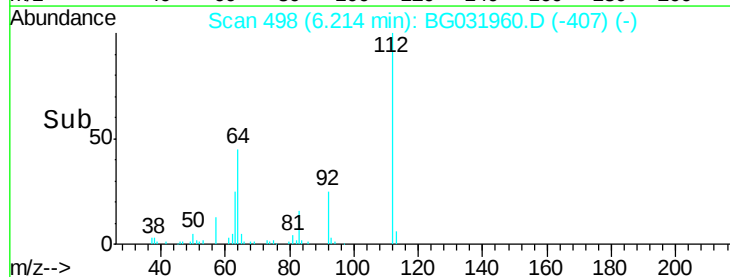
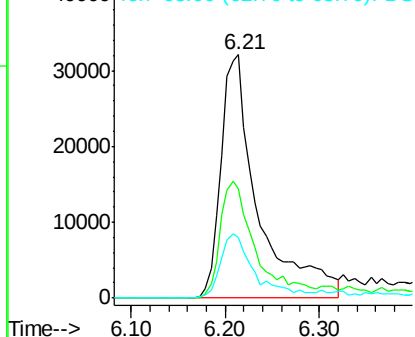
#5

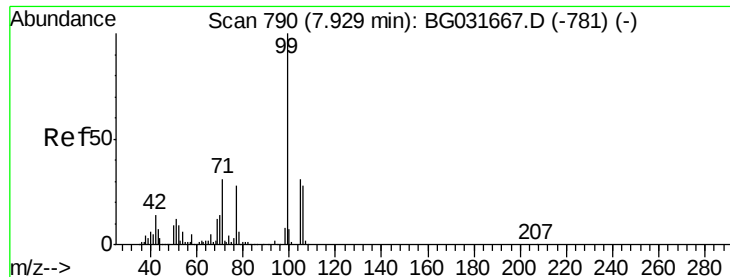
2-Fluorophenol
Concen: 25.626 ng
RT: 6.21 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG031960.D
Acq: 9 Jan 2018 23:56

Tgt Ion:112 Resp: 88604
Ion Ratio Lower Upper
112 100
64 44.8 56.3 84.5#
63 25.1 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: 35.491 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Instrument :

BNA_G

ClientSampleId :

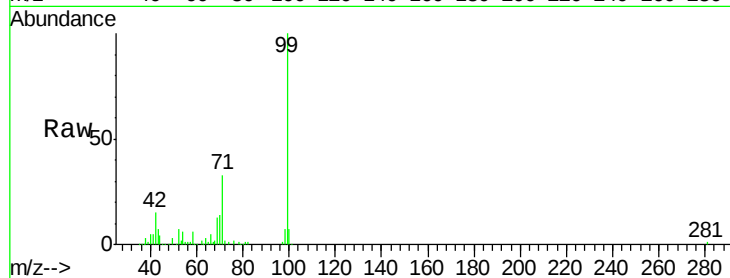
Tot Ion: 99 Resp: 159324

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

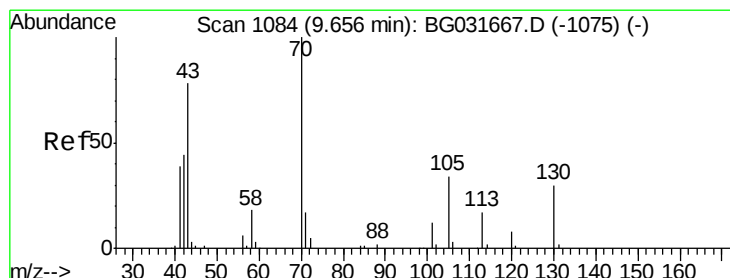
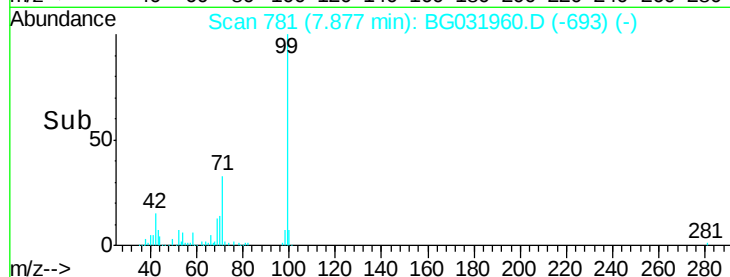
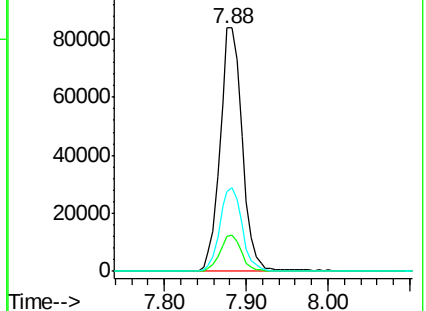
71 32.9 26.1 39.1



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: 15.272 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.37 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Tgt Ion: 70 Resp: 46821

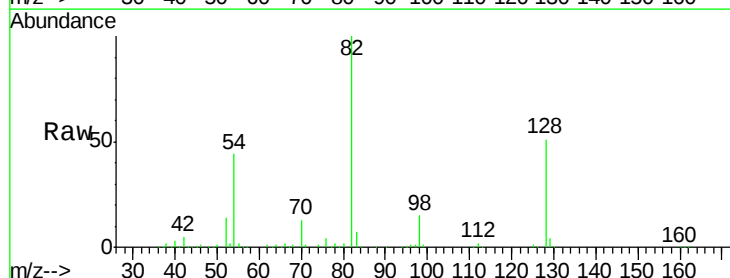
Ion Ratio Lower Upper

70 100

42 41.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.7 13.4 20.0#

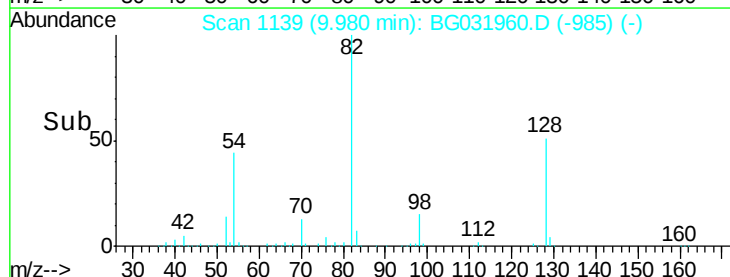
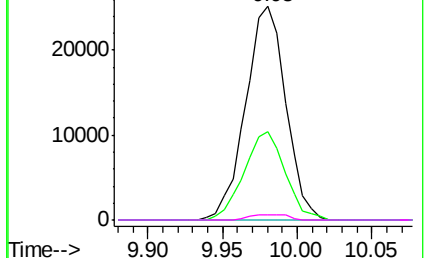


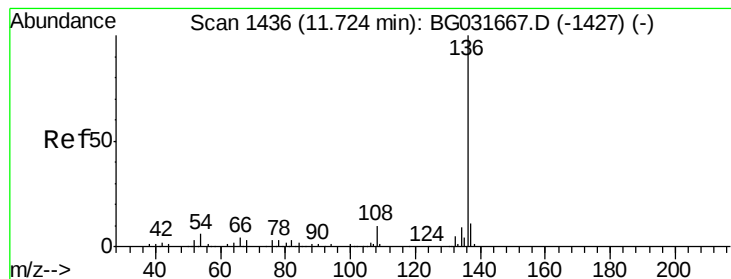
Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 267785

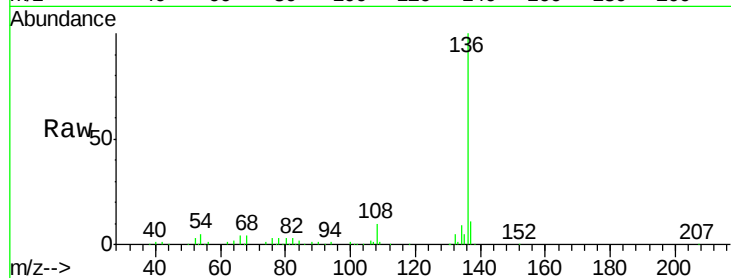
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 5.1 10.3 15.5#

68 3.7 4.5 6.7#

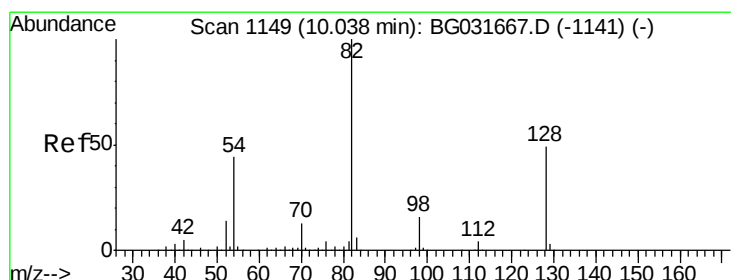
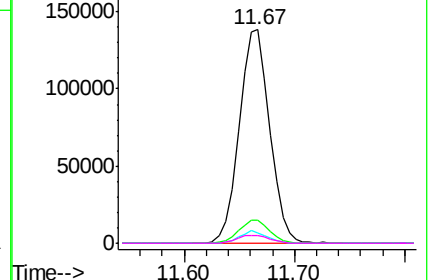
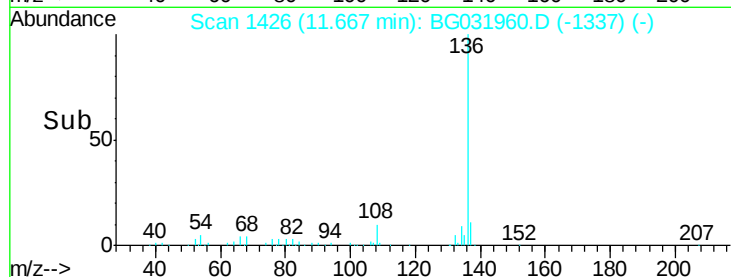


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.750 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

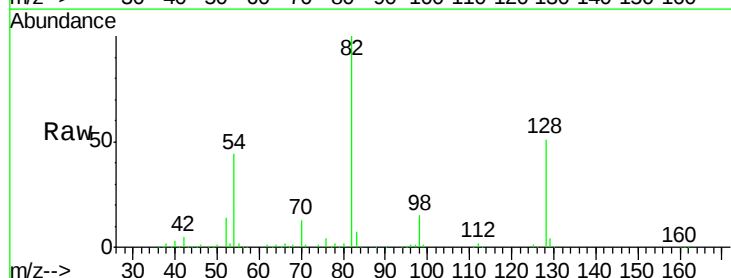
Tgt Ion: 82 Resp: 360831

Ion Ratio Lower Upper

82 100

128 50.8 29.7 44.5#

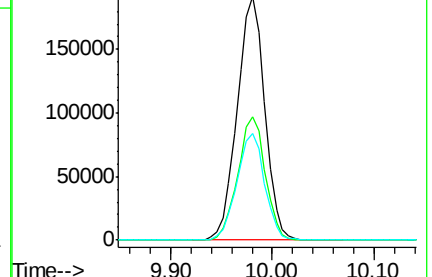
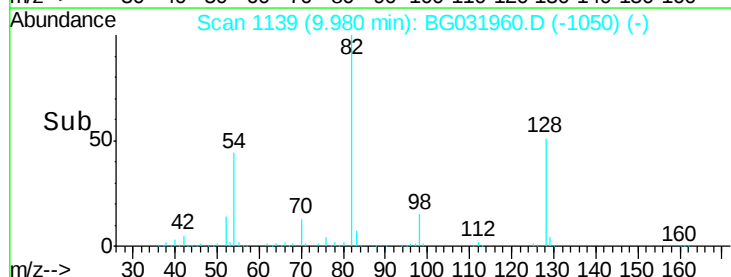
54 43.9 43.1 64.7

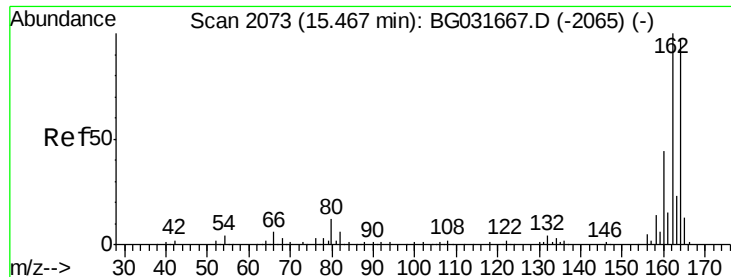


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 15.41 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Instrument :

BNA_G

ClientSampleId :

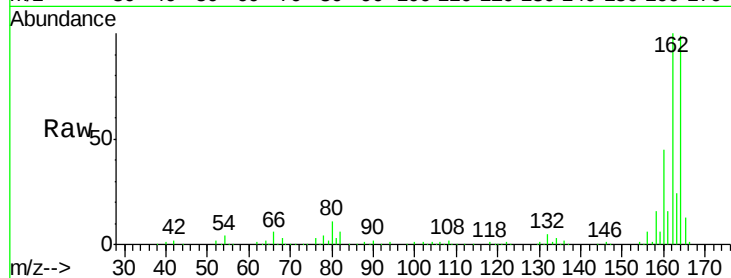
Tot Ion:164 Resp: 187410

Ion Ratio Lower Upper

164 100

162 101.1 78.8 118.2

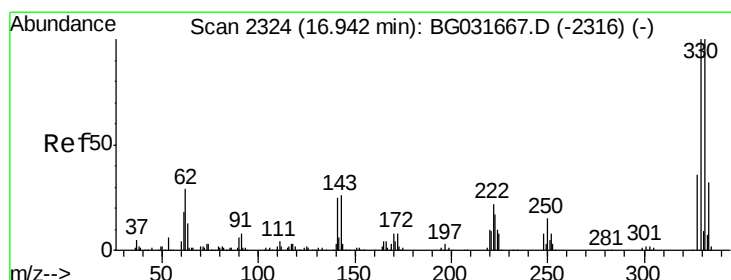
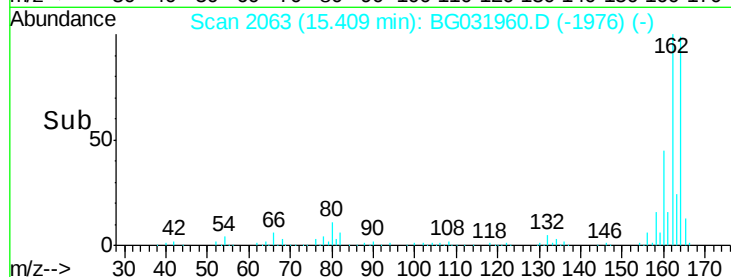
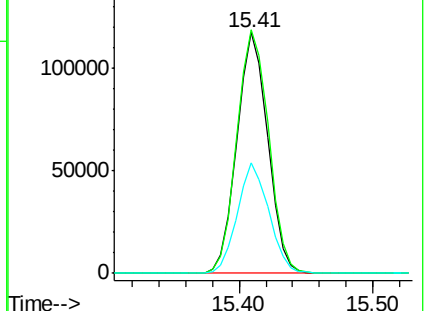
160 45.7 35.4 53.0



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: 57.006 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

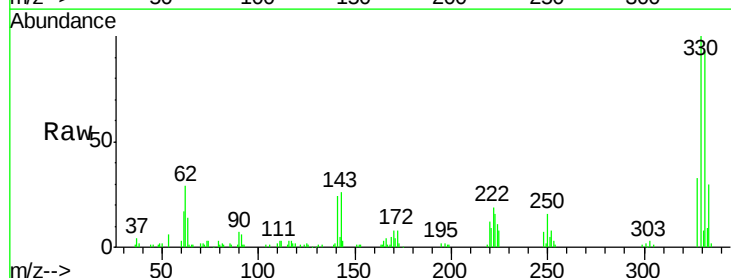
Tgt Ion:330 Resp: 163016

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

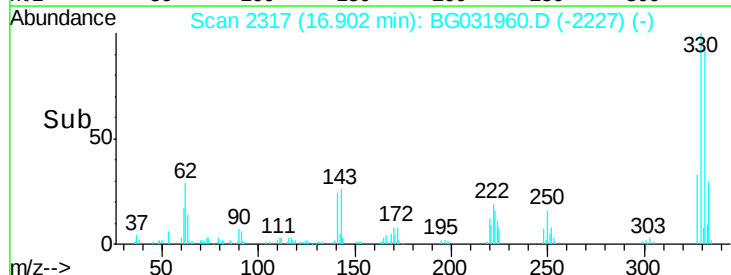
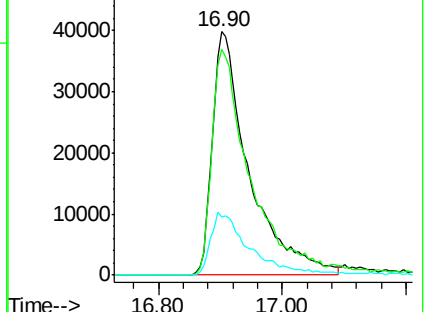
141 25.9 25.2 37.8

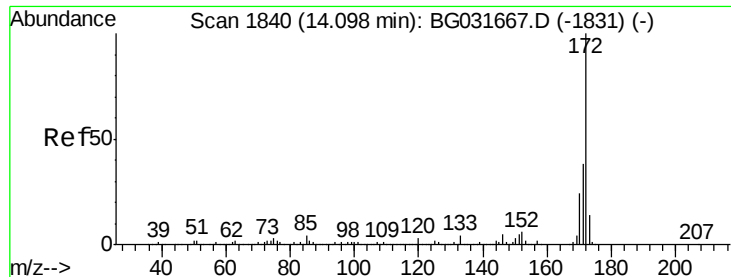


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

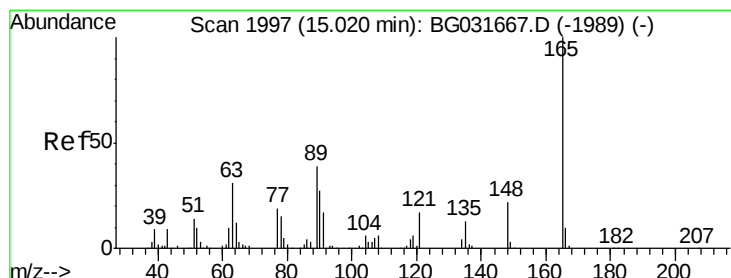
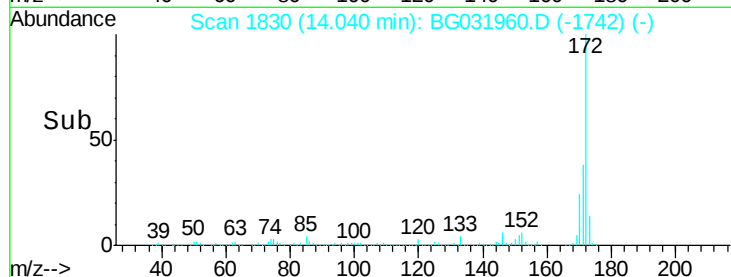
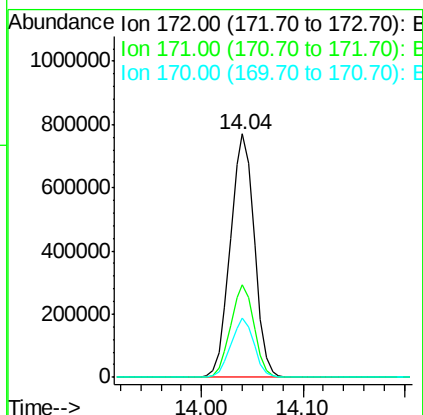
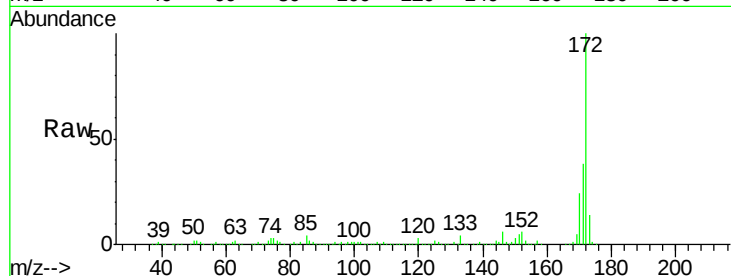




#44
 2-Fluorobiphenyl
 Concen: 84.516 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031960.D
 Acq: 9 Jan 2018 23:56

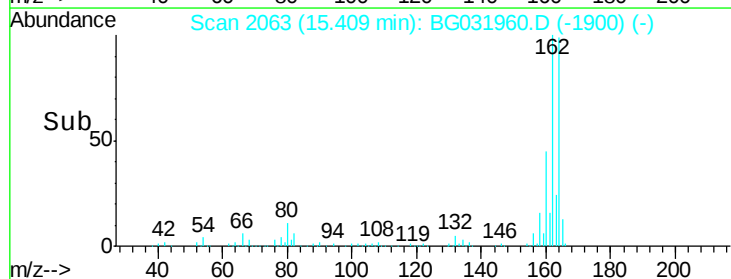
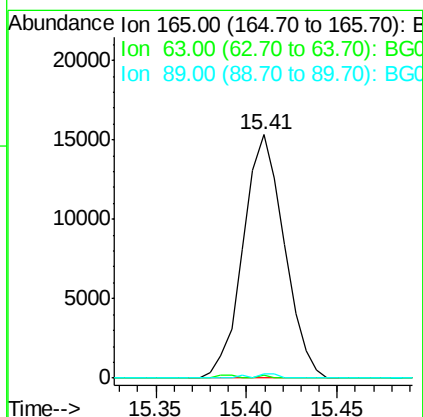
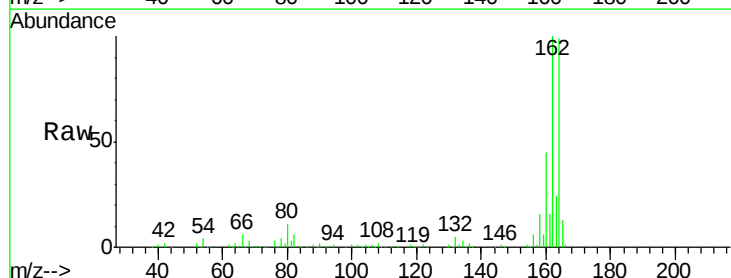
Instrument :
 BNA_G
 ClientSampled :

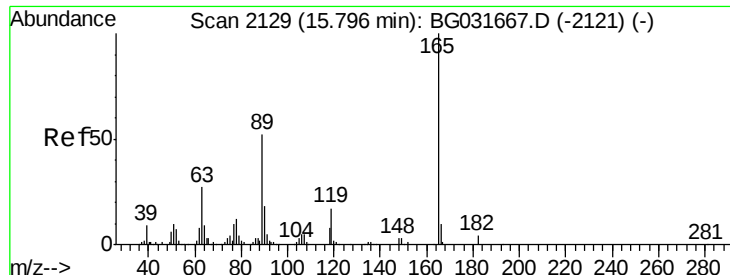
Tot Ion:172 Resp: 1261942
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.947 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.43 min
 Lab File: BG031960.D
 Acq: 9 Jan 2018 23:56

Tgt Ion:165 Resp: 24136
 Ion Ratio Lower Upper
 165 100
 63 1.0 52.7 79.1#
 89 1.5 49.2 73.8#

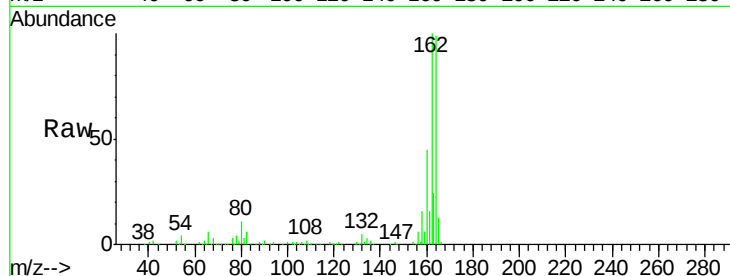




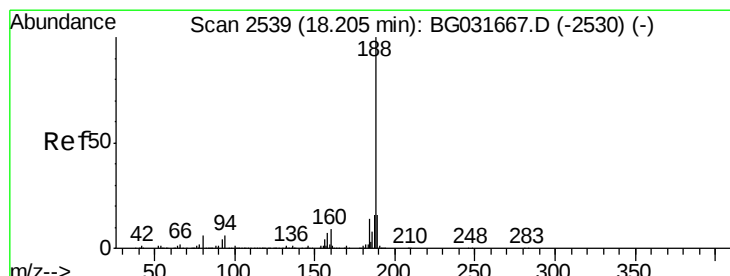
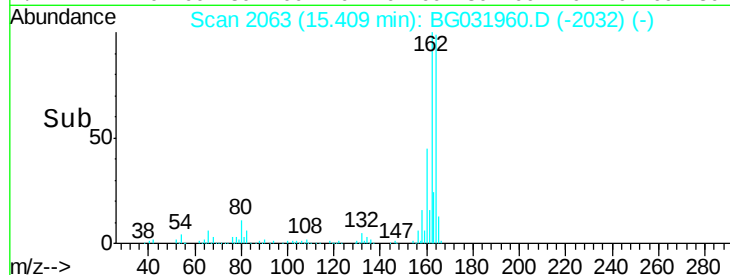
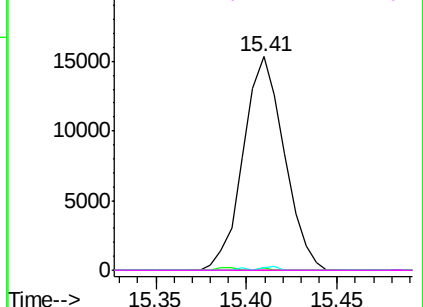
#56
 2,4-Dinitrotoluene
 Concen: 6.180 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.35 min
 Lab File: BG031960.D
 Acq: 9 Jan 2018 23:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 24136
 Ion Ratio Lower Upper
 165 100
 63 1.0 42.0 63.0#
 89 1.5 66.9 100.3#
 182 0.0 2.6 3.8#

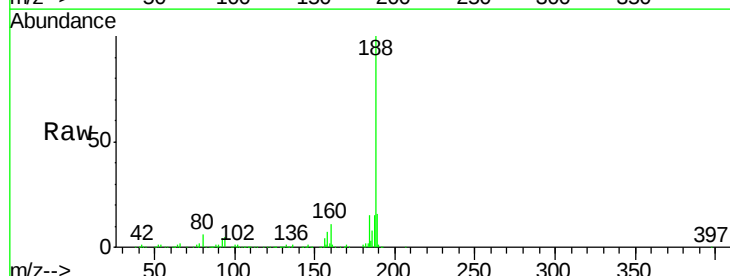


Abundance Ion 165.00 (164.70 to 165.70): E

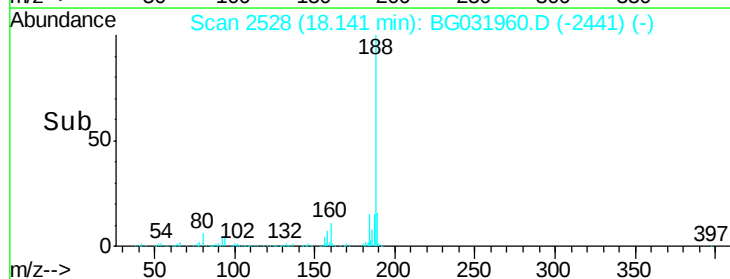
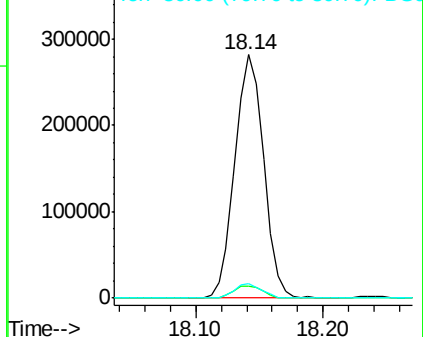


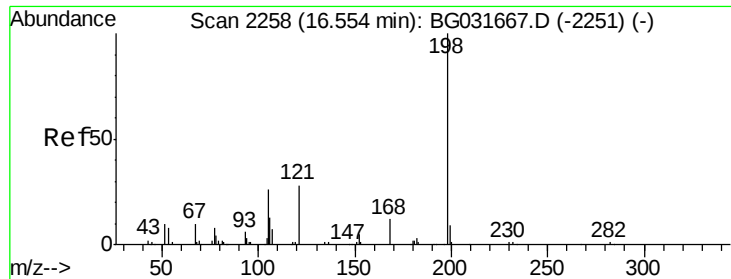
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG031960.D
 Acq: 9 Jan 2018 23:56

Tgt Ion:188 Resp: 442803
 Ion Ratio Lower Upper
 188 100
 94 5.2 6.9 10.3#
 80 6.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 8.361 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.39 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Instrument :

BNA_G

ClientSampleId :

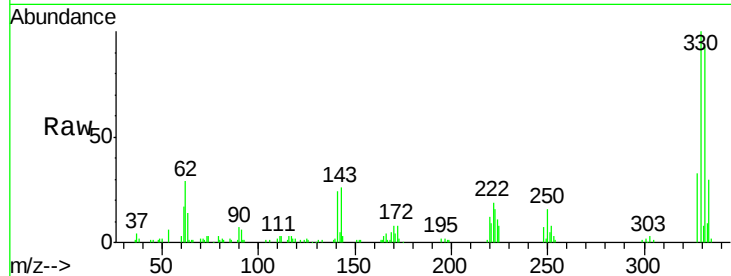
Tot Ion:198 Resp: 144

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

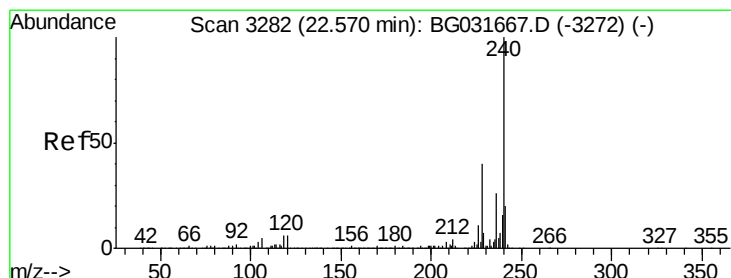
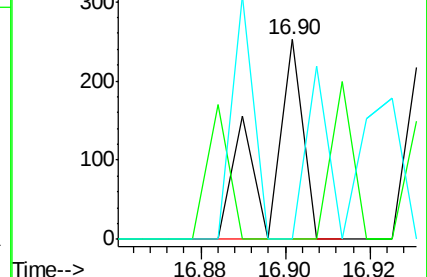
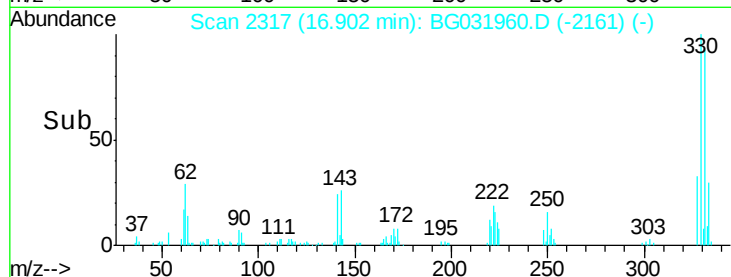
105 0.0 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. -0.04 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

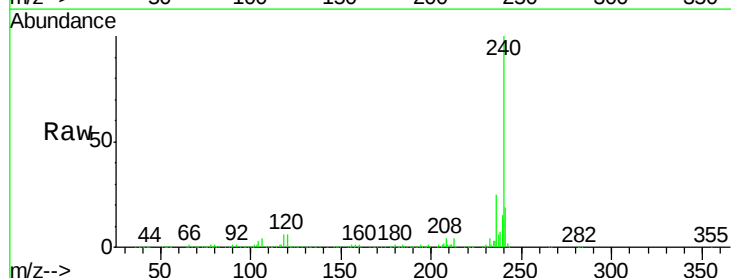
Tgt Ion:240 Resp: 489311

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

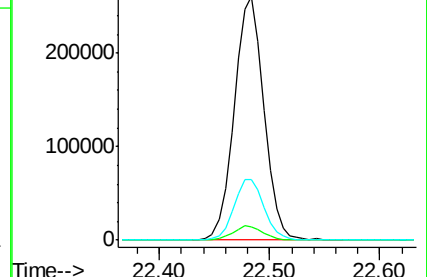
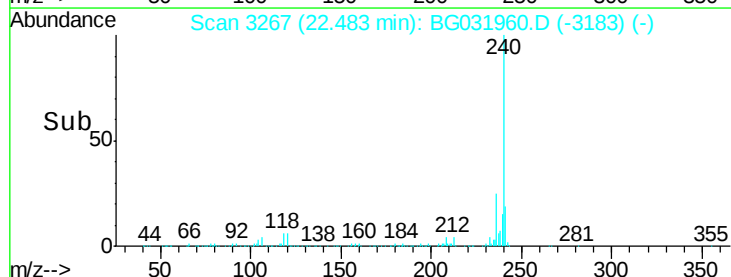
236 25.1 20.9 31.3

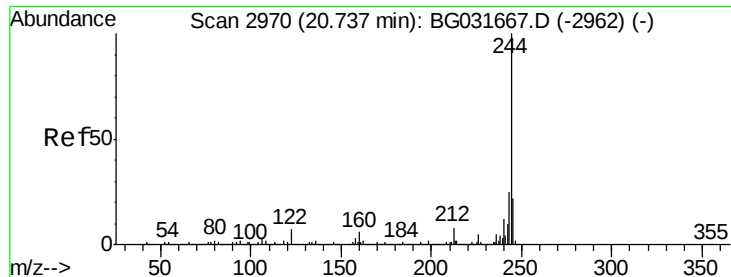


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.495 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

Instrument :

BNA_G

ClientSampleId :

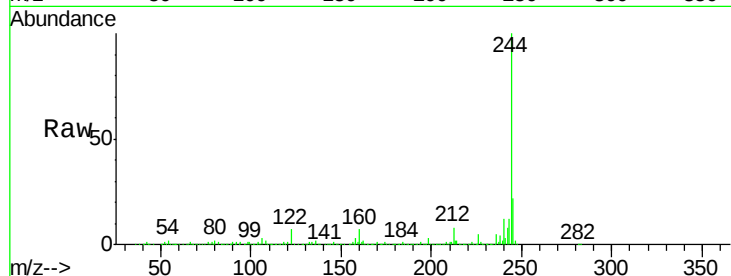
Tot Ion:244 Resp: 1980988

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

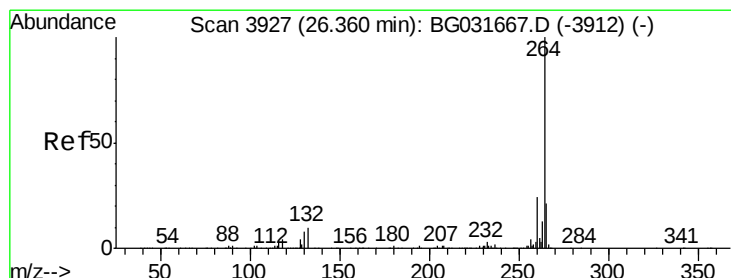
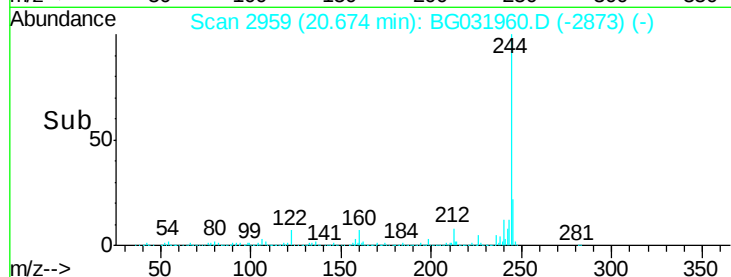
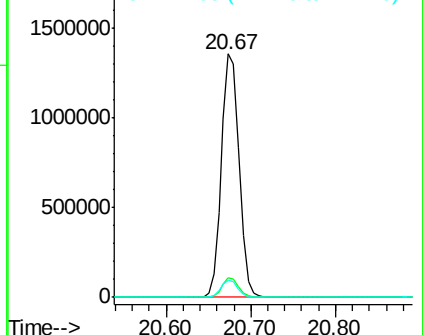
122 7.2 7.0 10.4



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: 26.21 min Scan# 3901

Delta R.T. -0.09 min

Lab File: BG031960.D

Acq: 9 Jan 2018 23:56

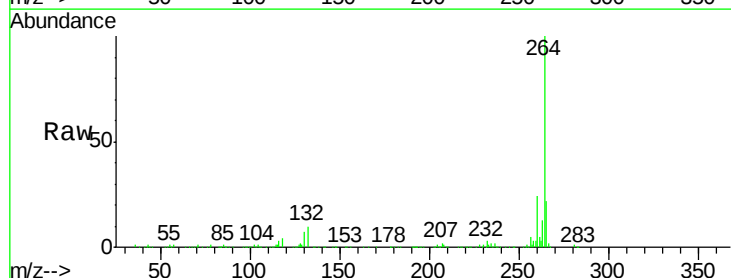
Tgt Ion:264 Resp: 505325

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.1 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

