

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033938.D
 Acq On : 24 Apr 2018 2:58
 Operator : SJ/JU
 Sample : J2490-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 04:19:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

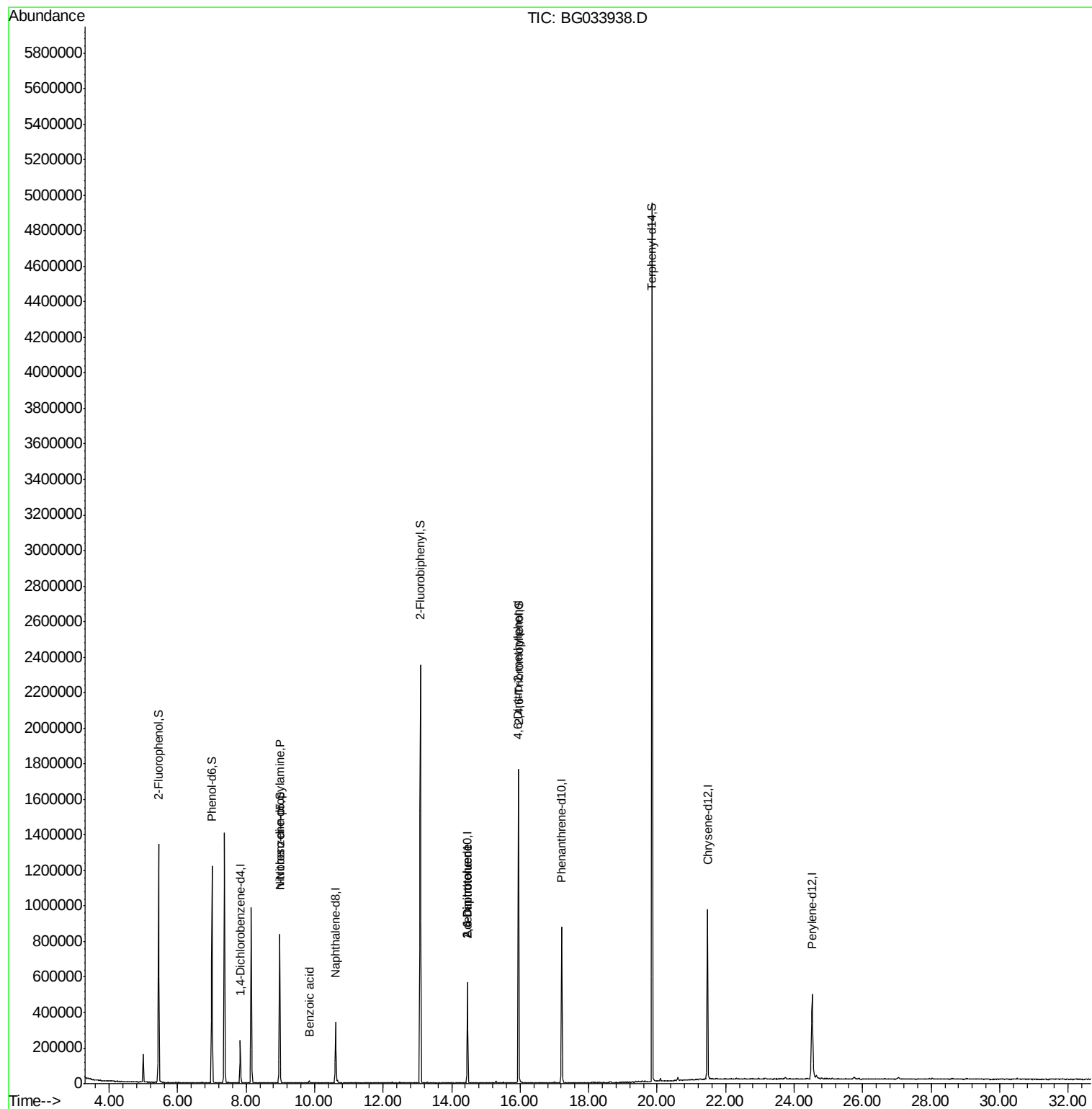
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	65323	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	286929	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	198462	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	536691	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	580663	20.00	ng	-0.02
86) Perylene-d12	24.52	264	541240	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	551852	134.88	ng	0.00
7) Phenol-d6	7.00	99	670888	112.42	ng	0.00
23) Nitrobenzene-d5	8.98	82	502093	99.59	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	328384	141.83	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1233380	91.30	ng	-0.02
78) Terphenyl-d14	19.85	244	2284449	88.39	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	1475	Below Cal		Qvalue # 21
19) n-Nitroso-di-n-propylamine	8.98	70	70279	13.815	ng	# 80
32) Benzoic acid	9.84	122	5939	6.396	ng	# 89
50) 2,6-Dinitrotoluene	14.46	165	25798	7.798	ng	# 20
56) 2,4-Dinitrotoluene	14.46	165	25798	5.864	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.94	198	1888	7.121	ng	# 68

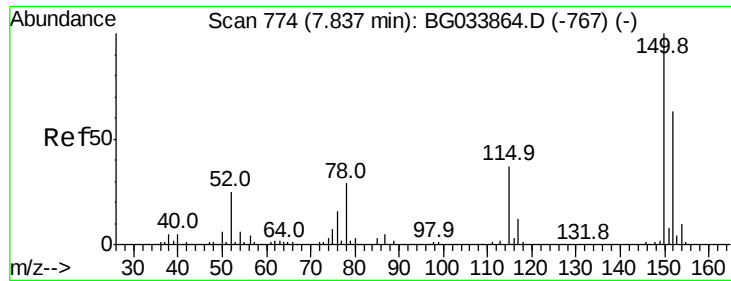
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 23 Sample Multiplier: 1

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BNA_G
ClientSampleId :

Quant Time: Apr 24 04:19:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



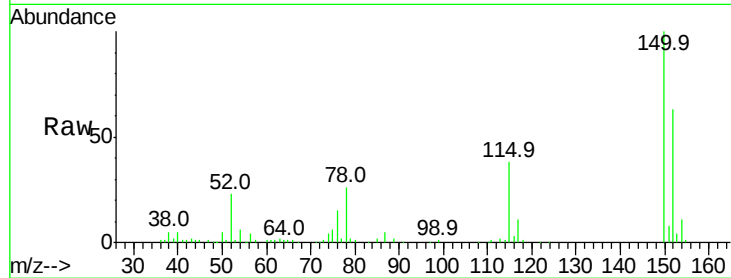


#1

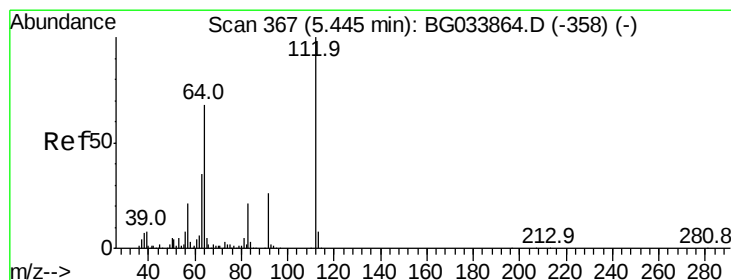
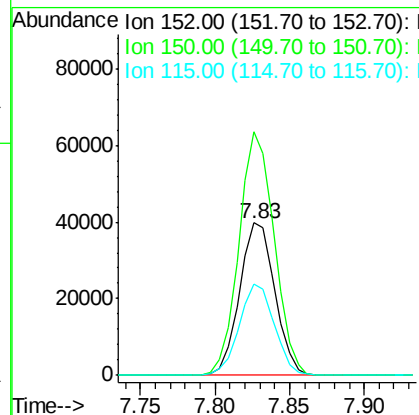
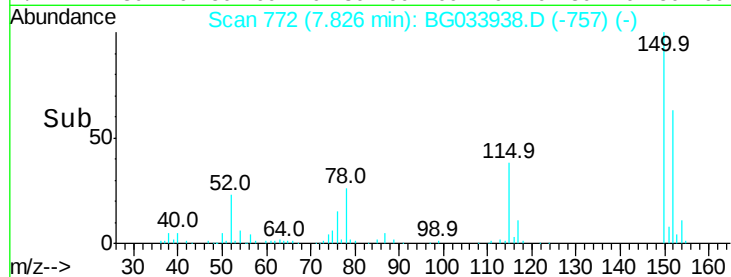
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG033938.D
 Acq: 24 Apr 2018 2:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 65323
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.6 189.8
 115 59.8 53.0 79.4



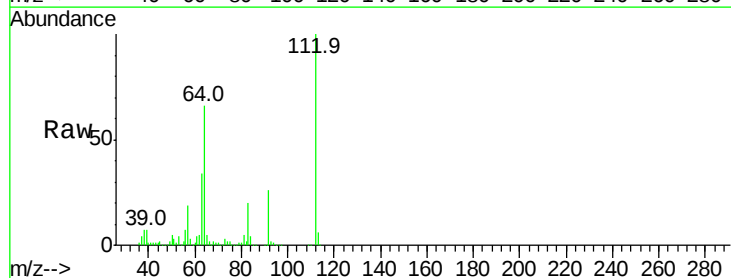
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



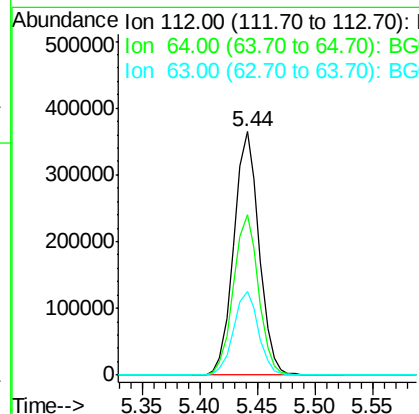
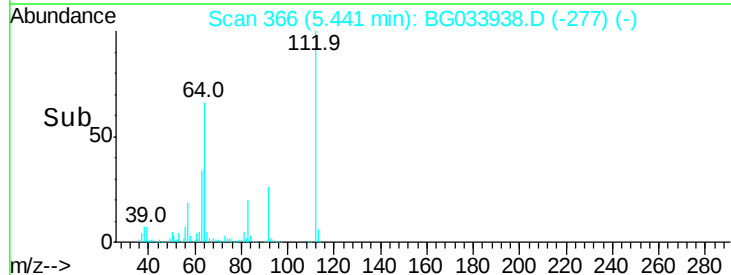
#5

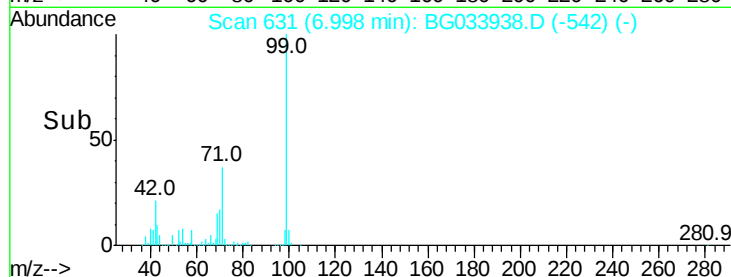
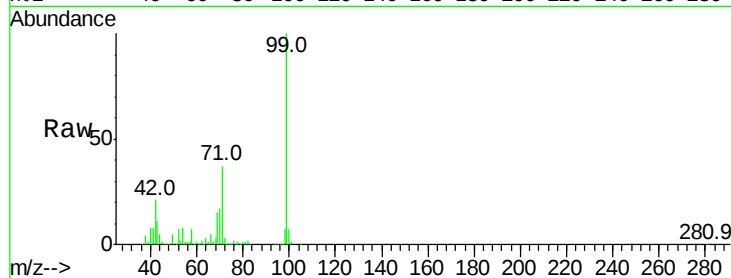
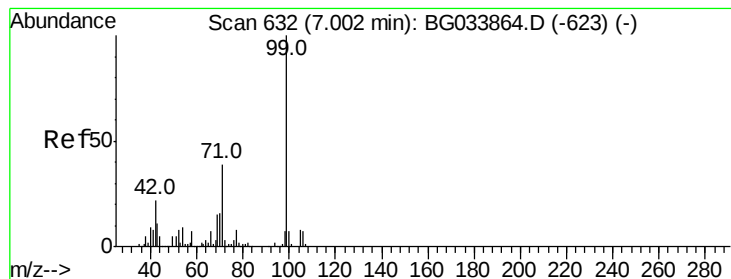
2-Fluorophenol
 Concen: 134.876 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BG033938.D
 Acq: 24 Apr 2018 2:58

Tgt Ion:112 Resp: 551852
 Ion Ratio Lower Upper
 112 100
 64 65.6 56.3 84.5
 63 34.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.419 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

Instrument :

BNA_G

ClientSampled :

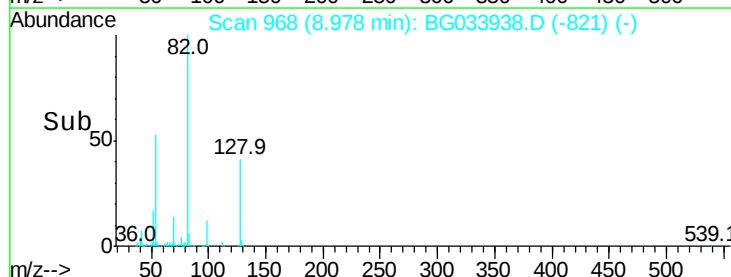
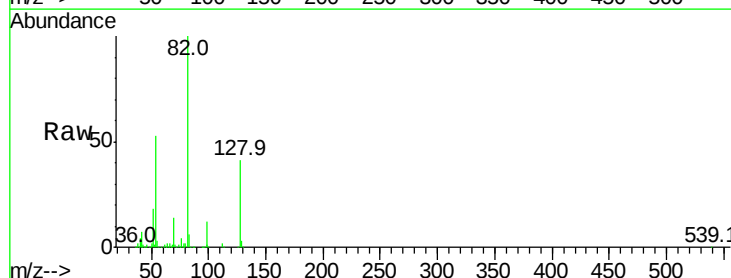
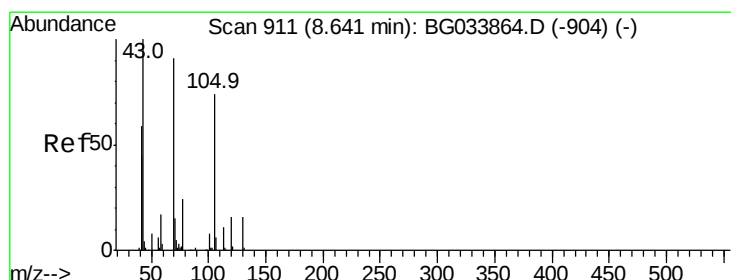
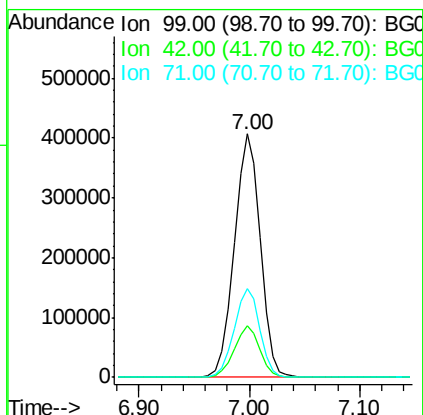
Tot Ion: 99 Resp: 670888

Ion Ratio Lower Upper

99 100

42 21.0 14.1 21.1

71 36.7 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.815 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

Tgt Ion: 70 Resp: 70279

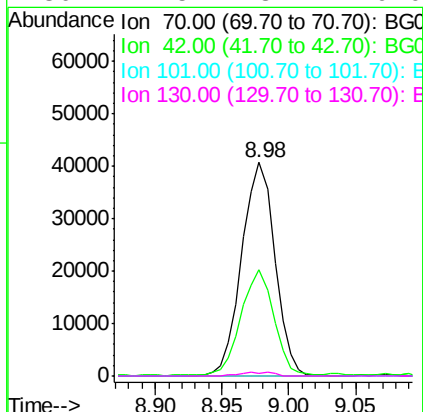
Ion Ratio Lower Upper

70 100

42 49.9 49.1 73.7

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 286929

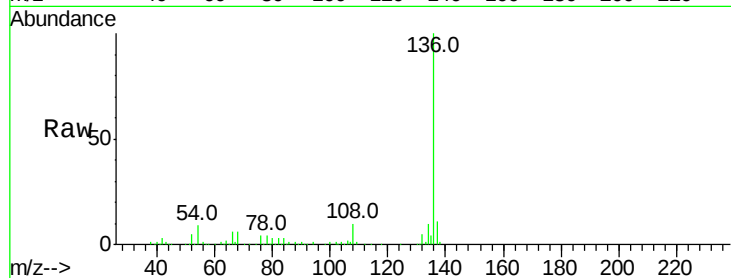
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 9.4 10.3 15.5#

68 5.5 4.5 6.7

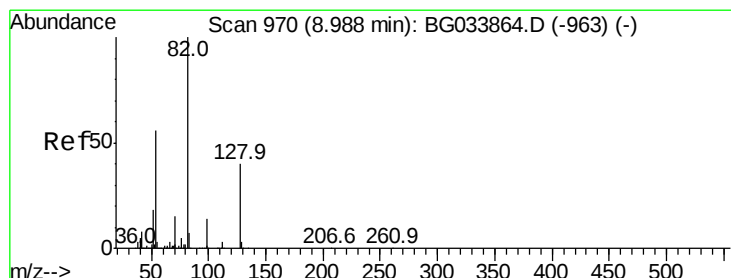
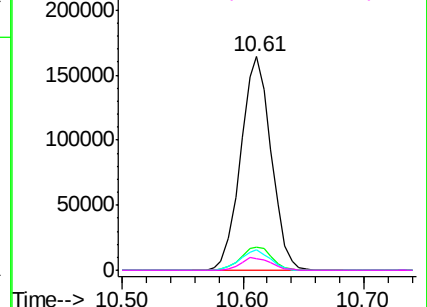
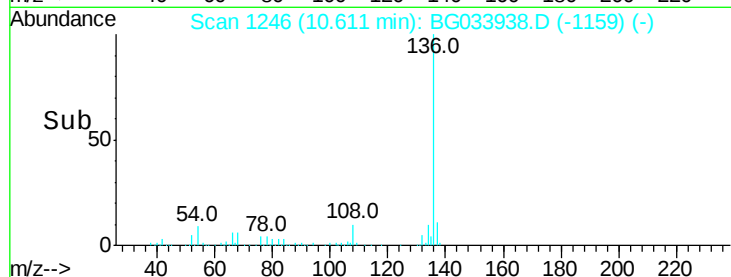


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.585 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

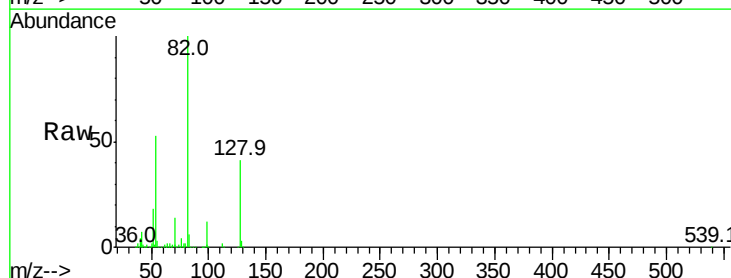
Tgt Ion: 82 Resp: 502093

Ion Ratio Lower Upper

82 100

128 41.3 29.7 44.5

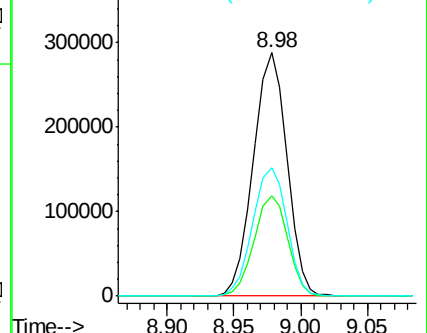
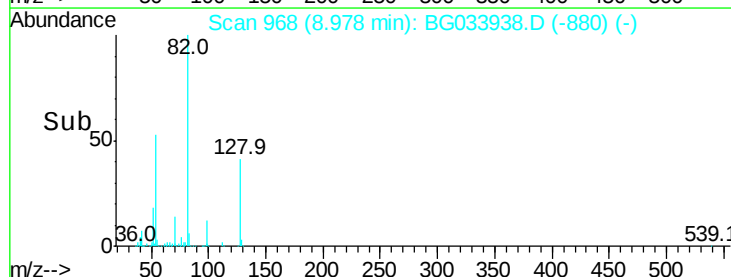
54 52.9 43.1 64.7

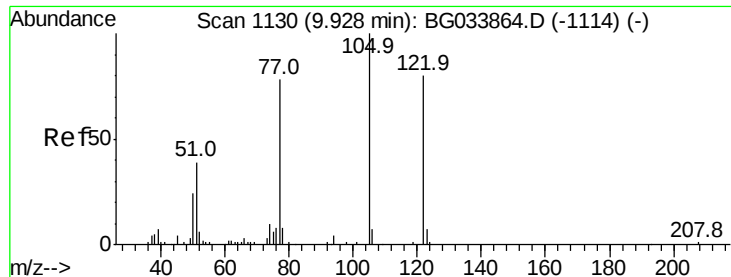


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

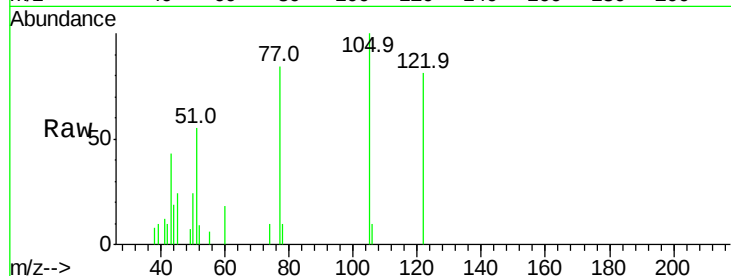




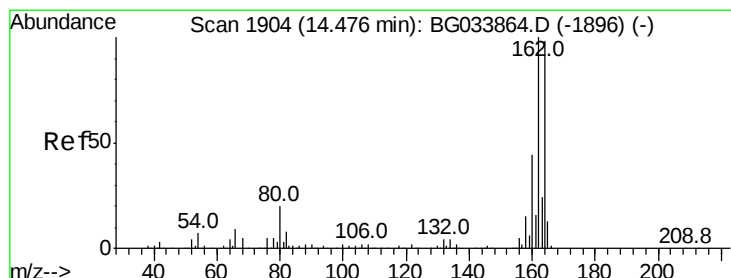
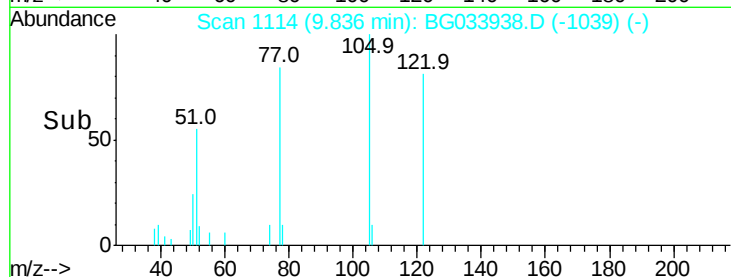
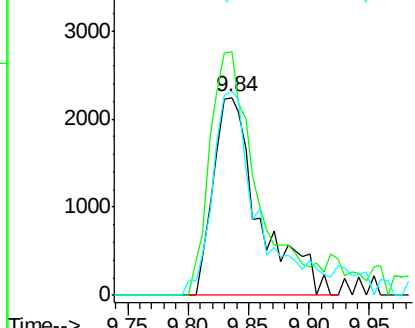
#32
Benzoic acid
Concen: 6.396 ng
RT: 9.84 min Scan# 1114
Delta R.T. -0.09 min
Lab File: BG033938.D
Acq: 24 Apr 2018 2:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 5939
Ion Ratio Lower Upper
122 100
105 122.9 123.5 163.5#
77 102.9 85.7 125.7

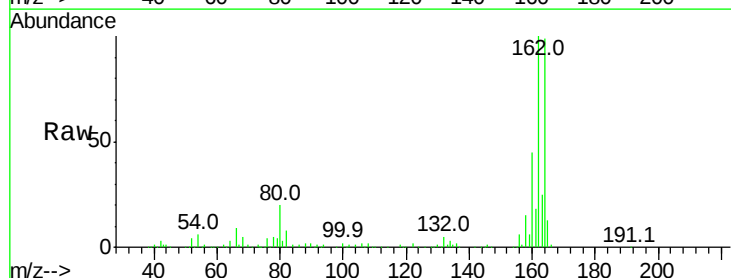


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

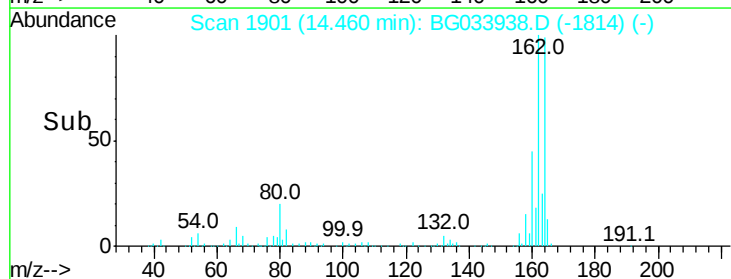
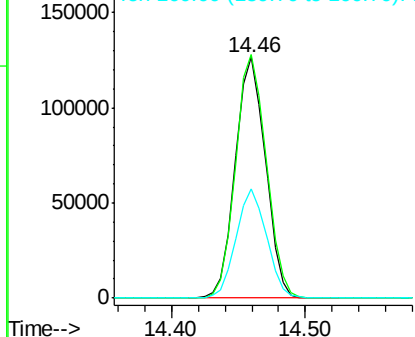


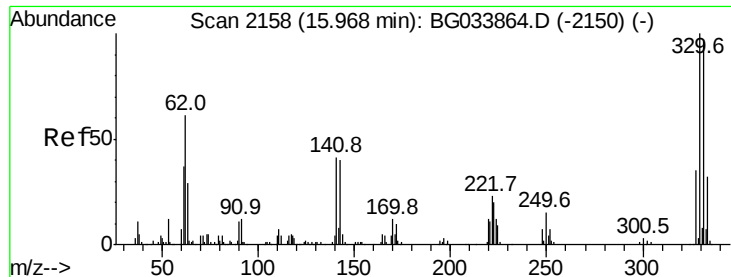
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033938.D
Acq: 24 Apr 2018 2:58

Tgt Ion:164 Resp: 198462
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 45.2 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

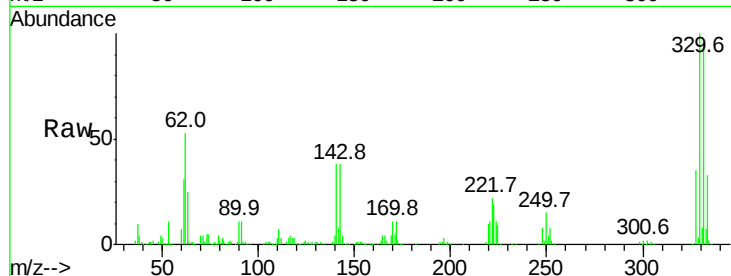




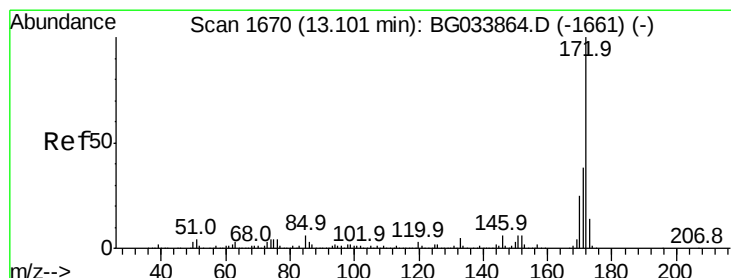
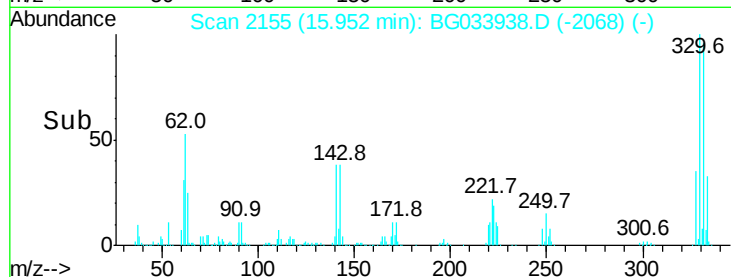
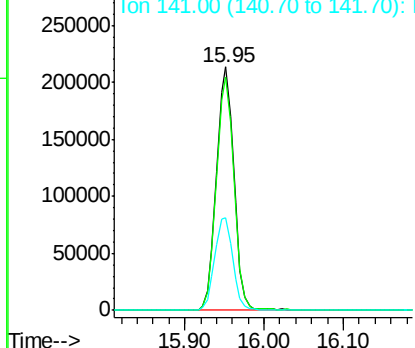
#41
 2,4,6-Tribromophenol
 Concen: 141.827 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033938.D
 Acq: 24 Apr 2018 2:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 328384
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 39.3 25.2 37.8#

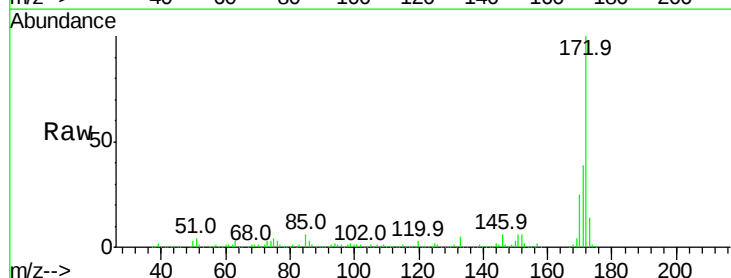


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

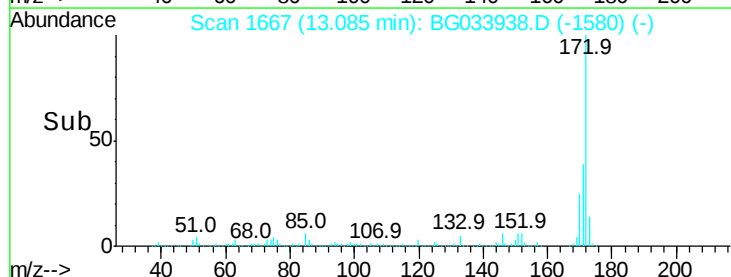
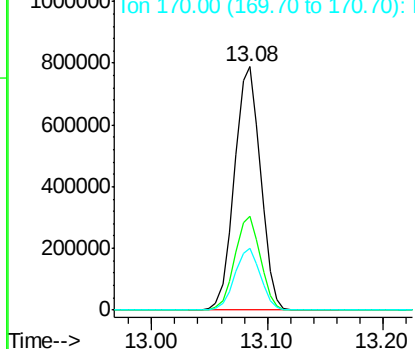


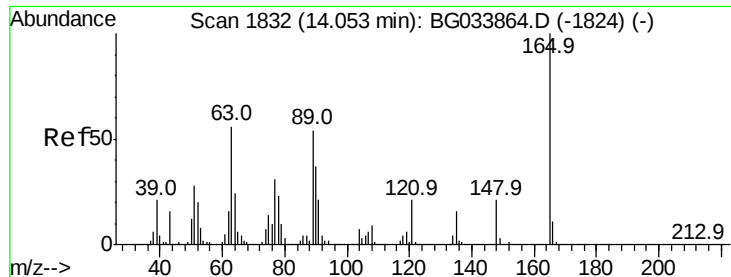
#44
 2-Fluorobiphenyl
 Concen: 91.295 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033938.D
 Acq: 24 Apr 2018 2:58

Tgt Ion:172 Resp: 1233380
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.5 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: 7.798 ng

RT: 14.46 min Scan# 1901

Delta R.T. 0.41 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

Instrument :

BNA_G

ClientSampleId :

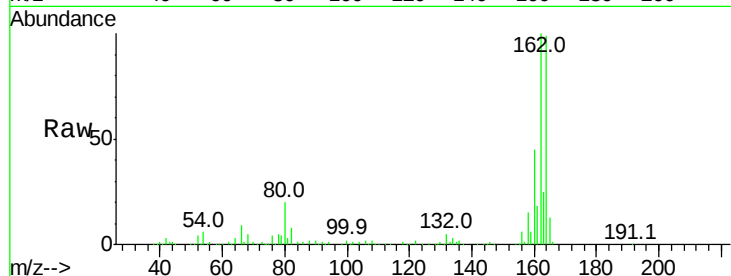
Tot Ion:165 Resp: 25798

Ion Ratio Lower Upper

165 100

63 2.3 52.7 79.1#

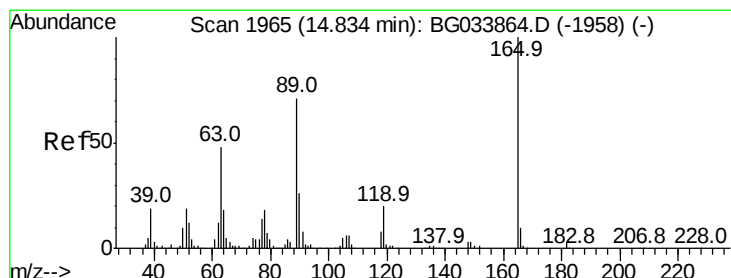
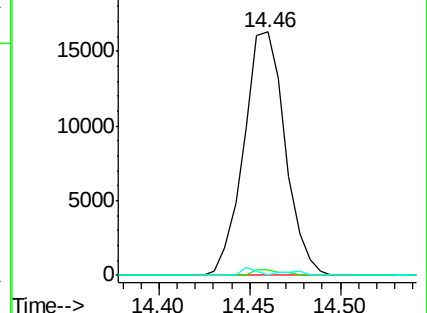
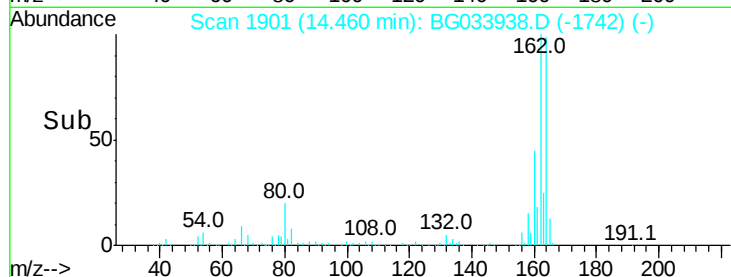
89 0.0 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 5.864 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.37 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

Tgt Ion:165 Resp: 25798

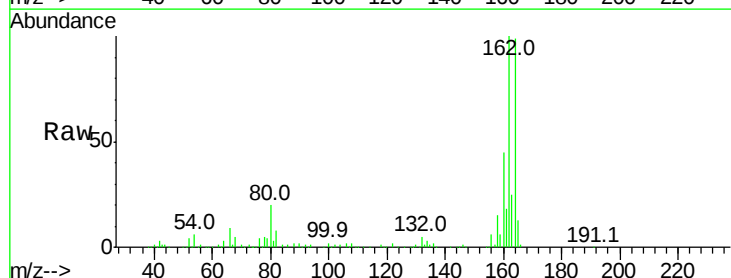
Ion Ratio Lower Upper

165 100

63 2.3 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

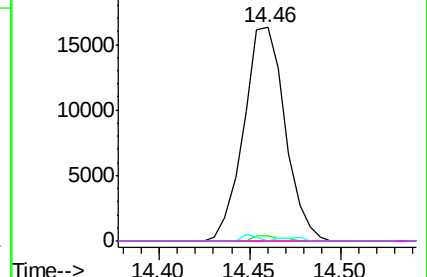
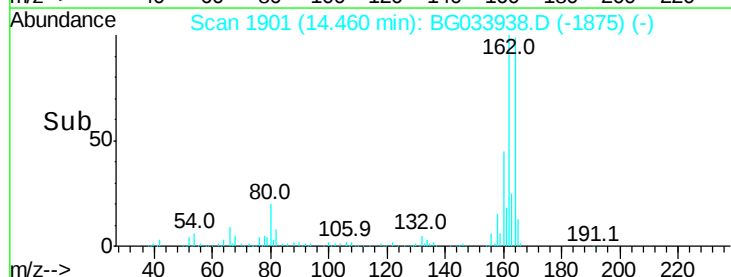


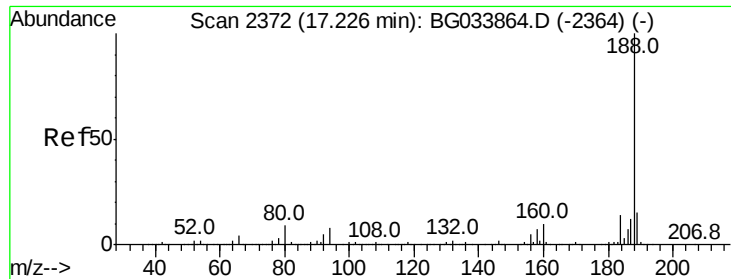
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

Instrument :

BNA_G

ClientSampleId :

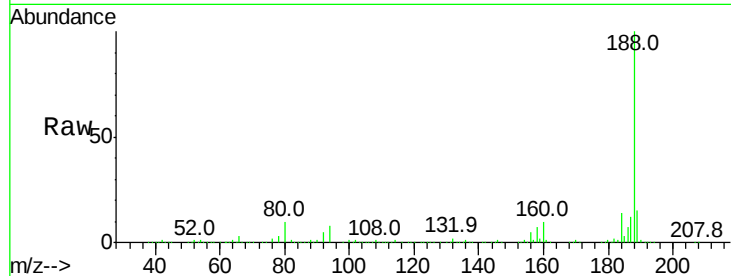
Tot Ion:188 Resp: 536691

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

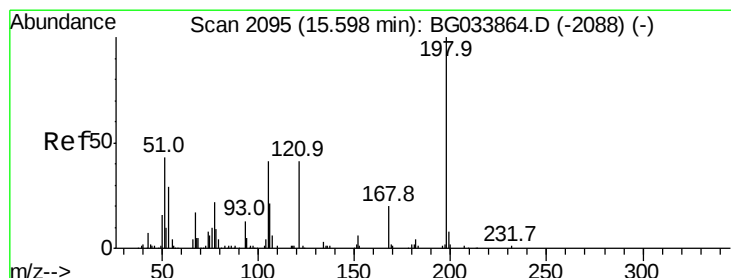
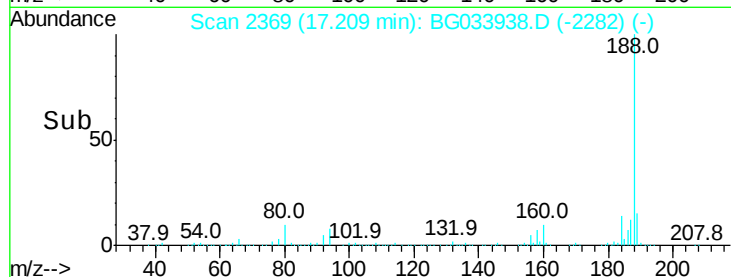
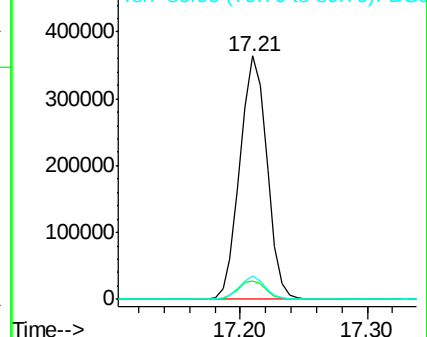
80 9.7 7.7 11.5



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



#64

4,6-Dinitro-2-methylphenol

Concen: 7.121 ng

RT: 15.94 min Scan# 2153

Delta R.T. 0.34 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

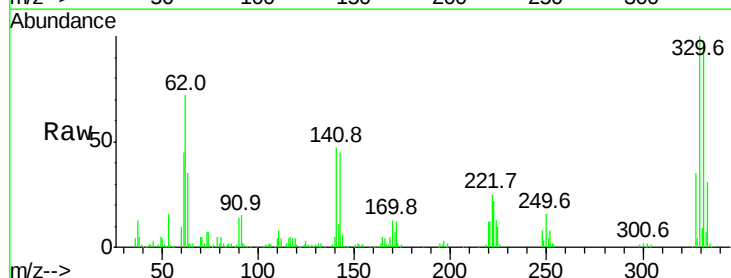
Tgt Ion:198 Resp: 1888

Ion Ratio Lower Upper

198 100

51 24.0 30.6 70.6#

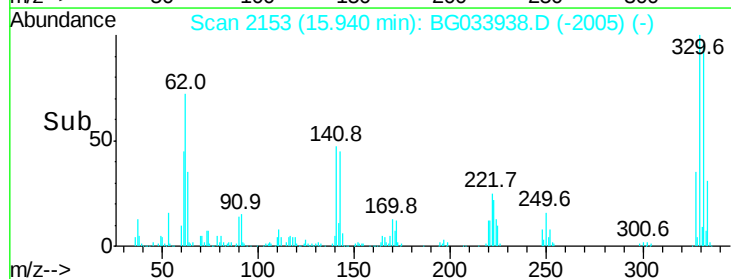
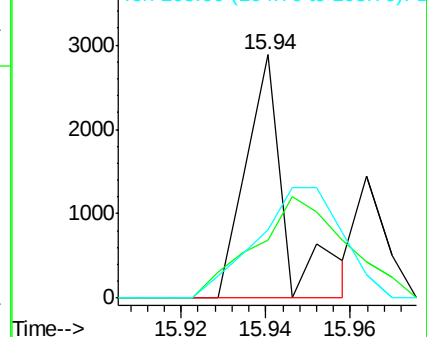
105 28.1 23.8 63.8

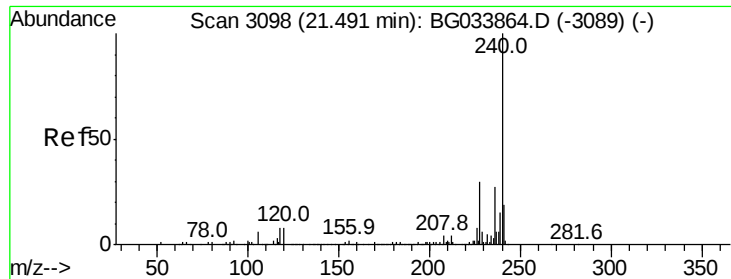


Abundance Ion 198.00 (197.70 to 198.70): E

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: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

Instrument :

BNA_G

ClientSampled :

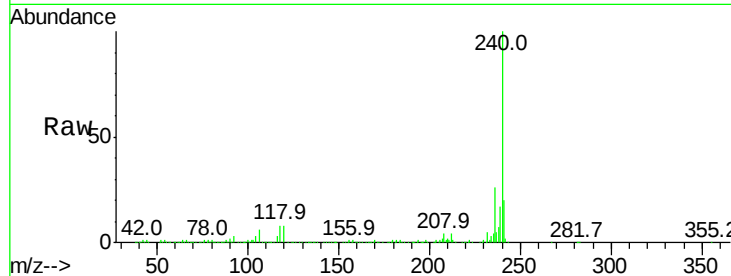
Tot Ion:240 Resp: 580663

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

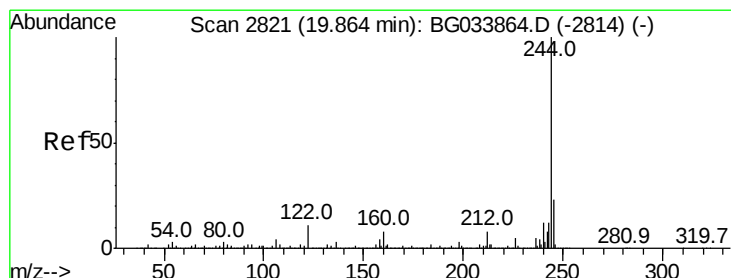
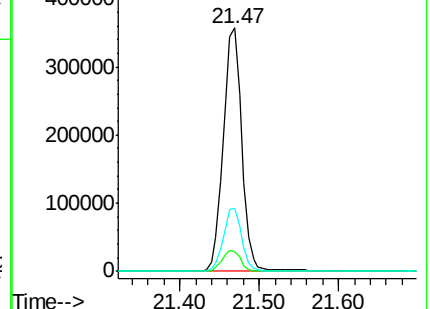
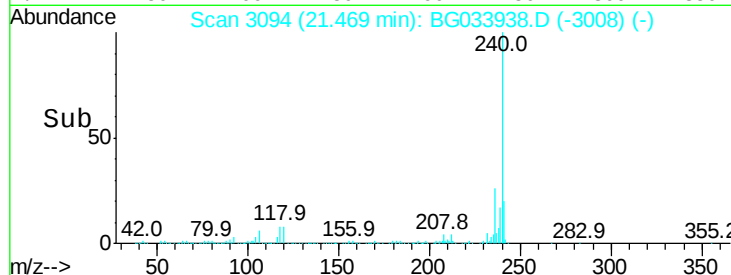
236 25.7 20.9 31.3



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: 88.386 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033938.D

Acq: 24 Apr 2018 2:58

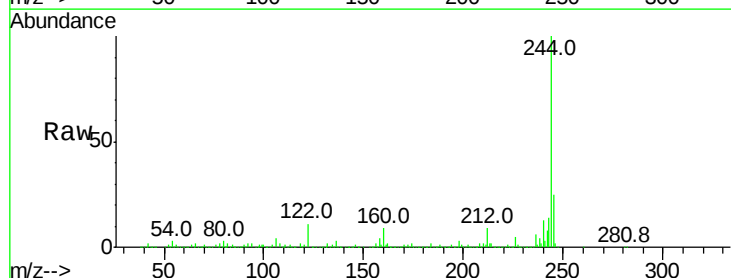
Tgt Ion:244 Resp: 2284449

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

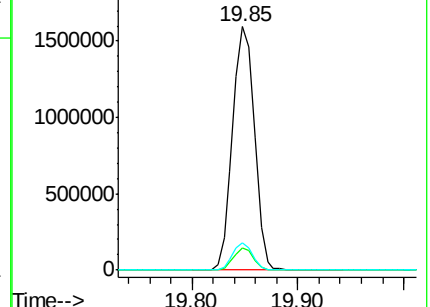
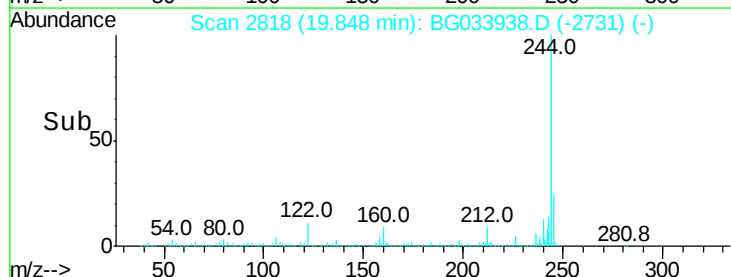
122 11.1 7.0 10.4#

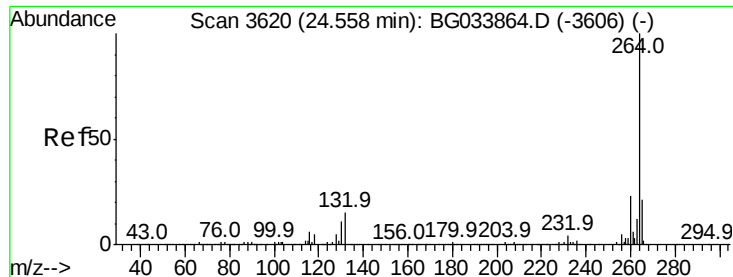


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

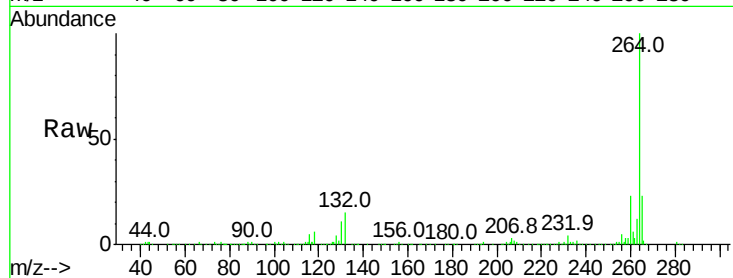




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033938.D
Acq: 24 Apr 2018 2:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	22.8	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

