

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016317.D
 Acq On : 10 Apr 2015 8:22
 Operator : TP/IZ
 Sample : G1805-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 15:01:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

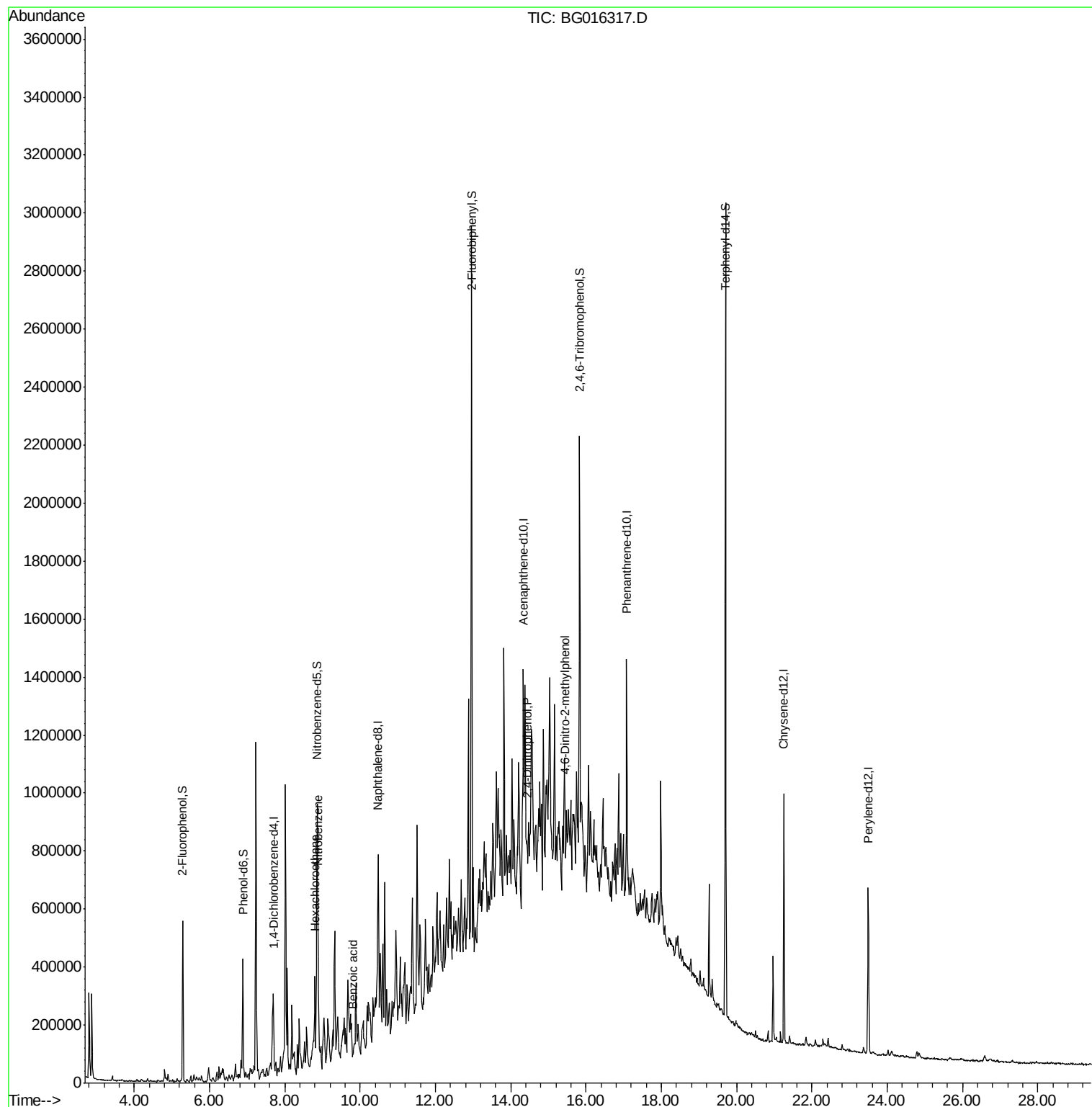
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	72092	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	352753	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	224642	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	411871	20.00	ng	0.00
75) Chrysene-d12	21.25	240	343014	20.00	ng	0.00
86) Perylene-d12	23.50	264	316244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	261780	57.31	ng	0.00
7) Phenol-d6	6.88	99	265798	38.76	ng	0.01
23) Nitrobenzene-d5	8.86	82	513444	84.32	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	213443	140.49	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1135937	86.09	ng	0.00
78) Terphenyl-d14	19.71	244	1060179	72.34	ng	0.00
Target Compounds						
18) Hexachloroethane	8.80	117	55508	25.25	ng	# 42
24) Nitrobenzene	8.88	77	15481	2.38	ng	# 13
32) Benzoic acid	9.80	122	203	8.78	ng	# 51
53) 2,4-Dinitrophenol	14.44	184	943	8.63	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.45	198	182	3.94	ng	# 1

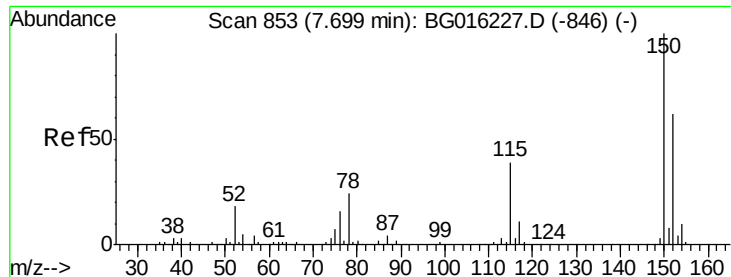
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
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Response via : Initial Calibration



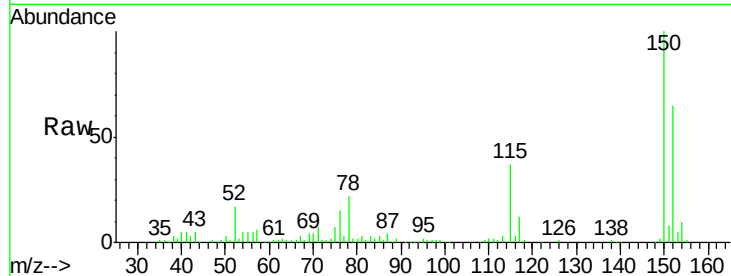


#1

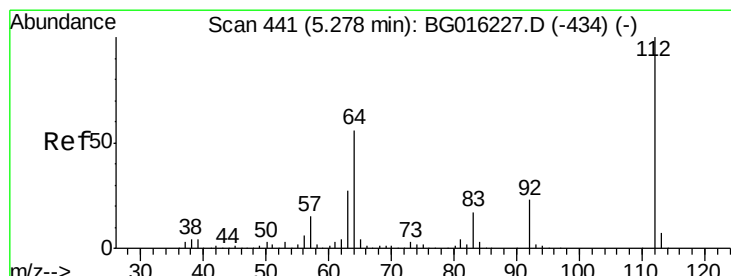
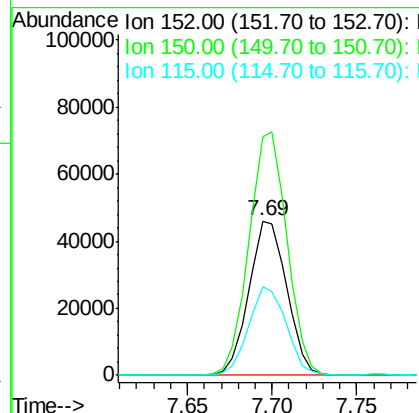
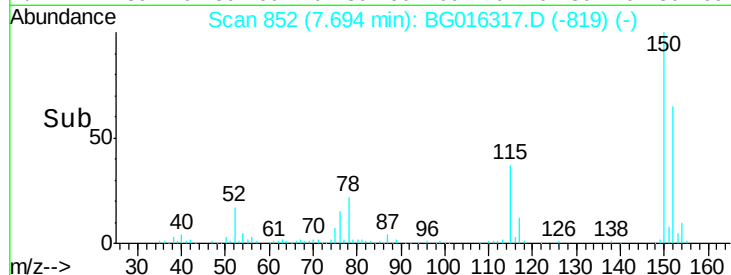
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG016317.D
Acq: 10 Apr 2015 8:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	130.1	195.1
115	57.1	50.5	75.7



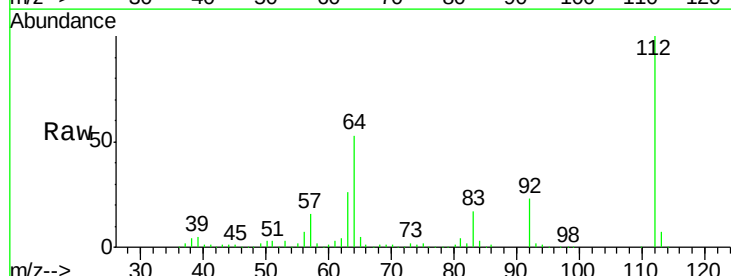
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



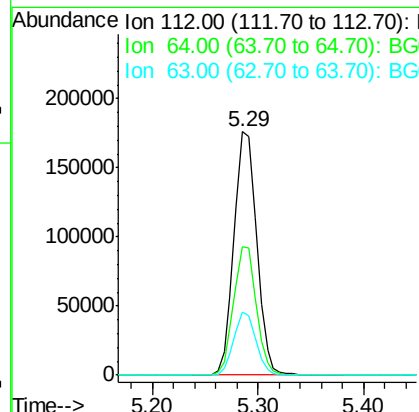
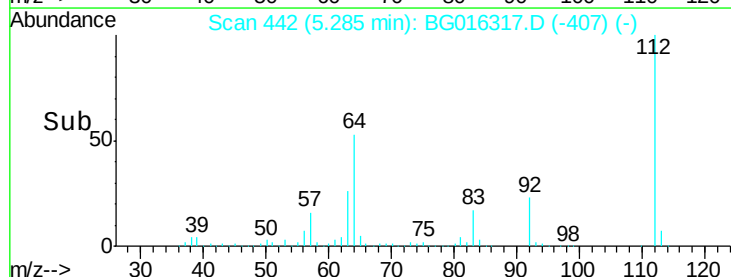
#5

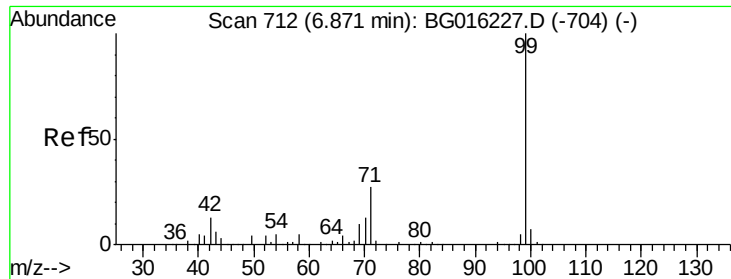
2-Fluorophenol
Concen: 57.31 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG016317.D
Acq: 10 Apr 2015 8:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	44.5	66.7
63	26.0	21.4	32.0



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: 38.76 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

Instrument :

BNA_G

ClientSampleId :

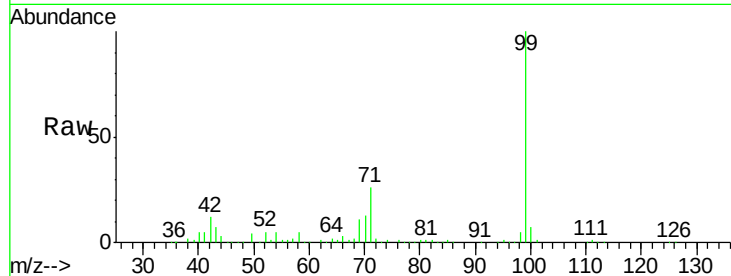
Tot Ion: 99 Resp: 265798

Ion Ratio Lower Upper

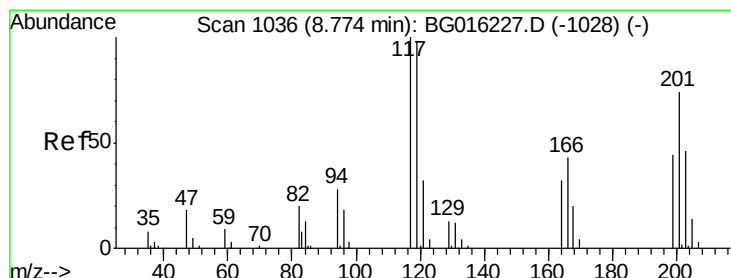
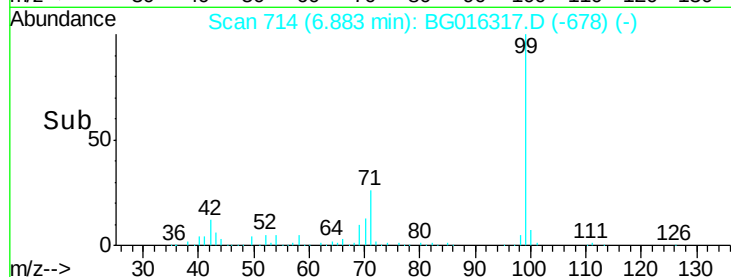
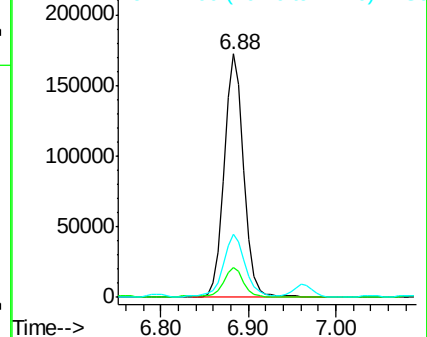
99 100

42 12.4 10.0 15.0

71 25.8 21.5 32.3



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



#18

Hexachloroethane

Concen: 25.25 ng

RT: 8.80 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

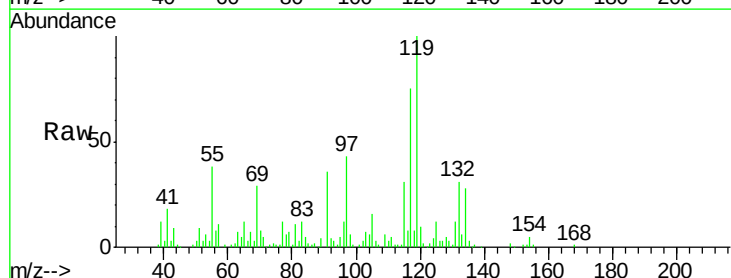
Tgt Ion: 117 Resp: 55508

Ion Ratio Lower Upper

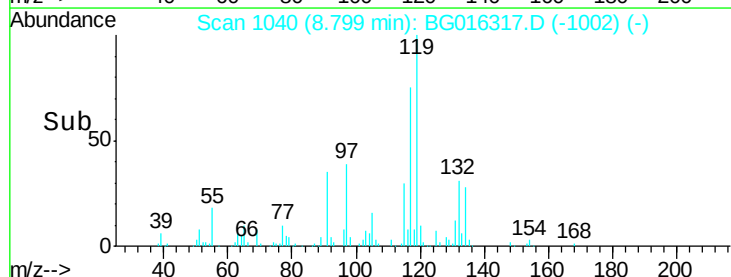
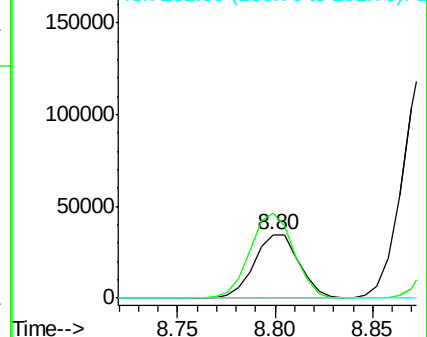
117 100

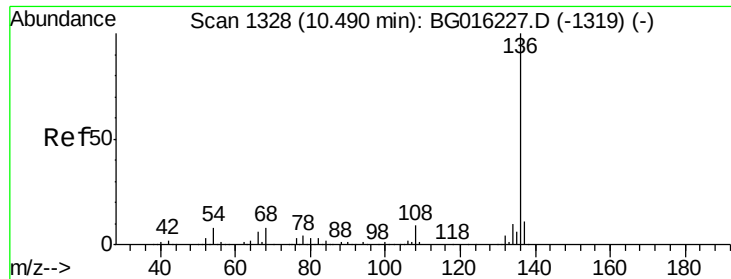
119 133.5 78.8 118.2#

201 0.0 59.0 88.4#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

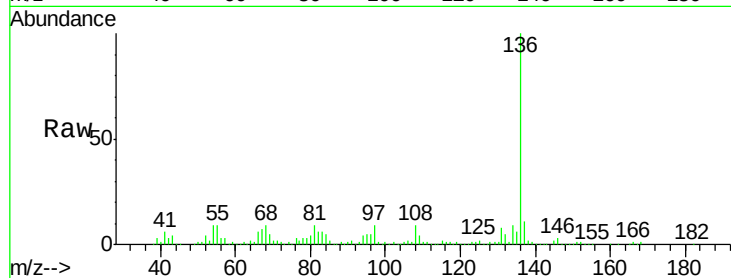




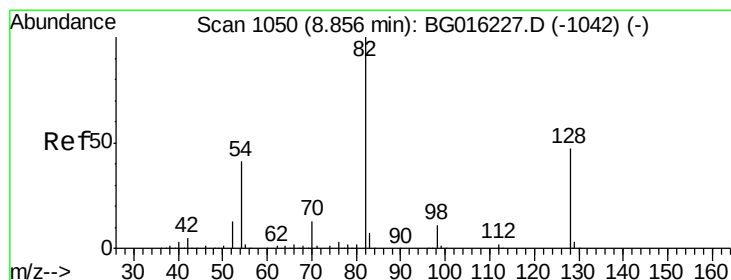
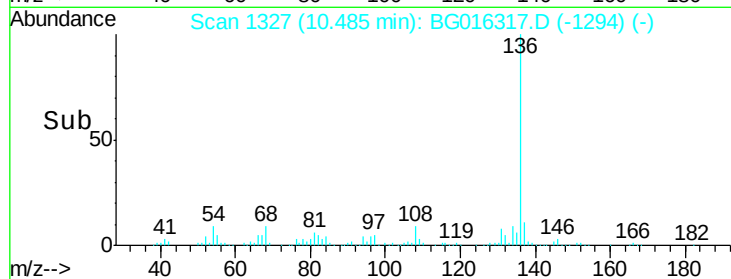
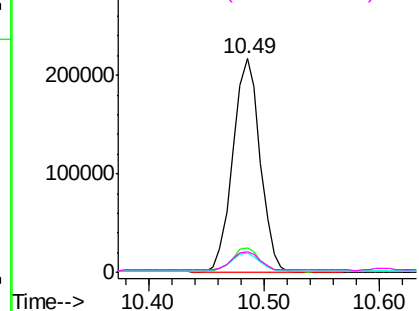
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016317.D
Acq: 10 Apr 2015 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	352753	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.7	13.1	
54 9.2	6.3	9.5	
68 9.5	6.5	9.7	

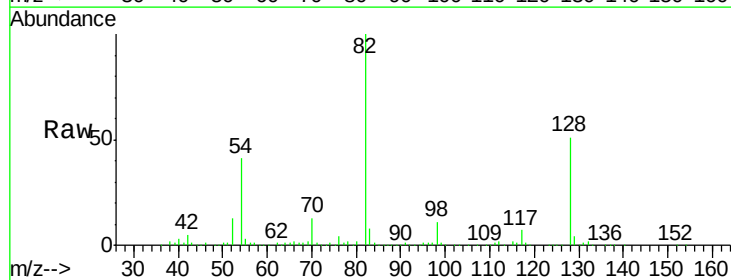


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

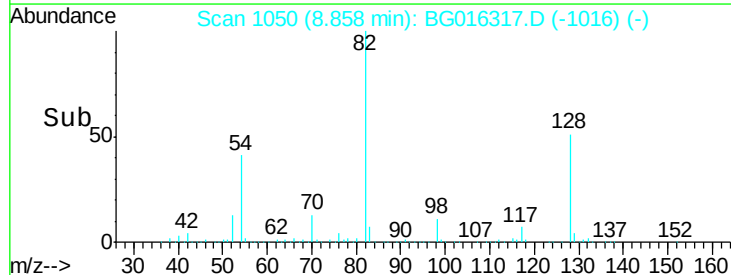
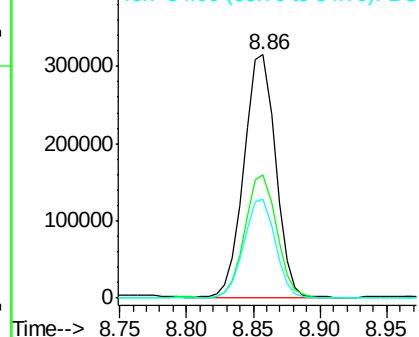


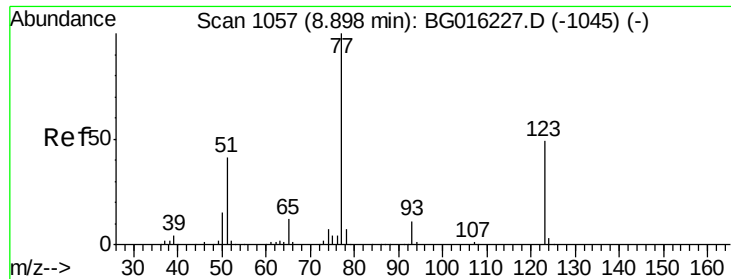
#23
Nitrobenzene-d5
Concen: 84.32 ng
RT: 8.86 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG016317.D
Acq: 10 Apr 2015 8:22

Tgt Ion: 82	Resp: 513444
Ratio 100	Lower Upper
128 50.5	37.8 56.8
54 40.6	32.6 49.0



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

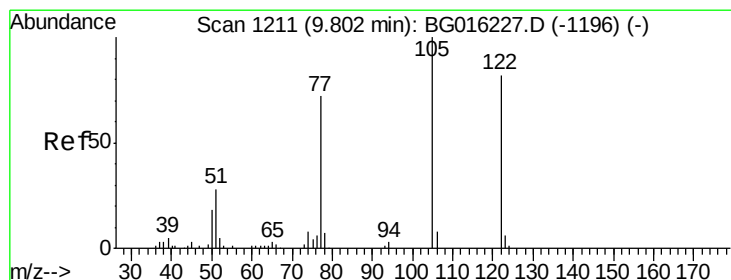
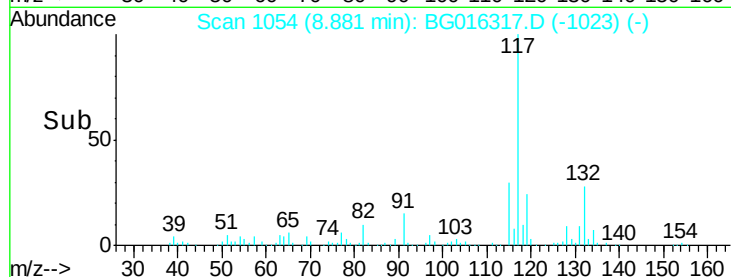
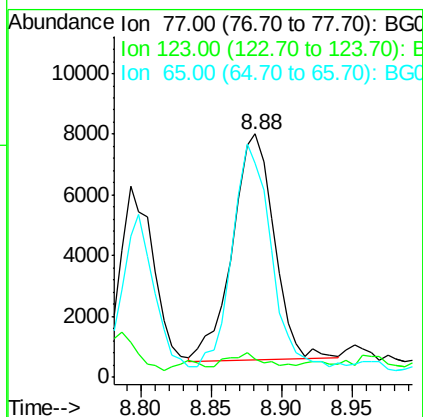
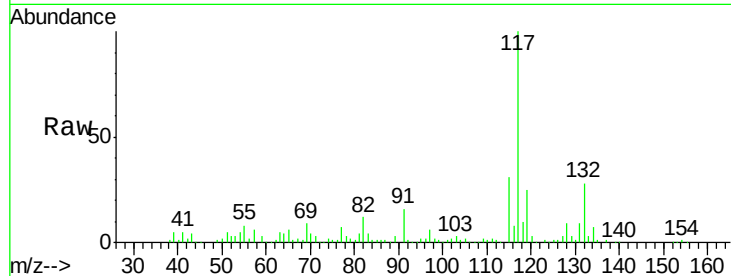




#24
 Nitrobenzene
 Concen: 2.38 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

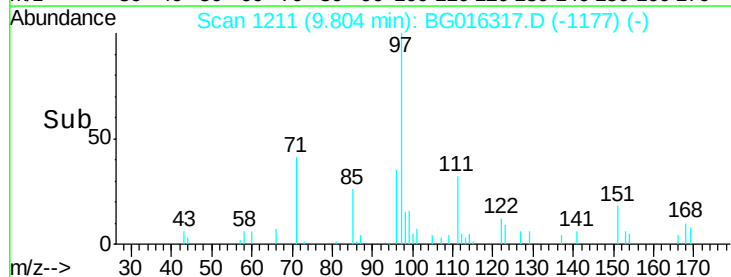
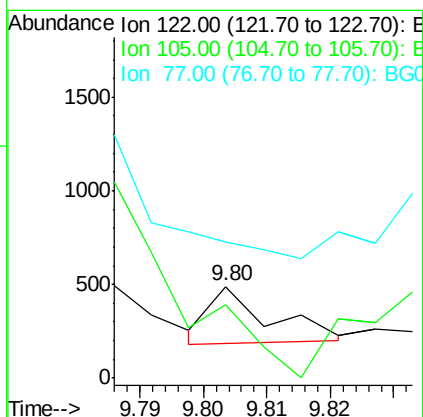
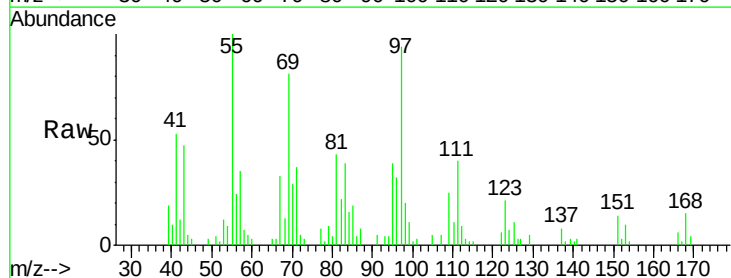
Instrument :
 BNA_G
 ClientSampled :

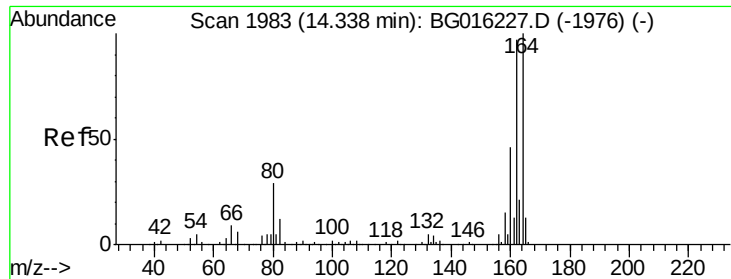
Tot Ion: 77 Resp: 15481
 Ion Ratio Lower Upper
 77 100
 123 7.6 38.8 58.2#
 65 88.1 9.4 14.2#



#32
 Benzoic acid
 Concen: 8.78 ng
 RT: 9.80 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

Tgt Ion: 122 Resp: 203
 Ion Ratio Lower Upper
 122 100
 105 79.9 99.7 139.7#
 77 148.6 66.8 106.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

Instrument :

BNA_G

ClientSampleId :

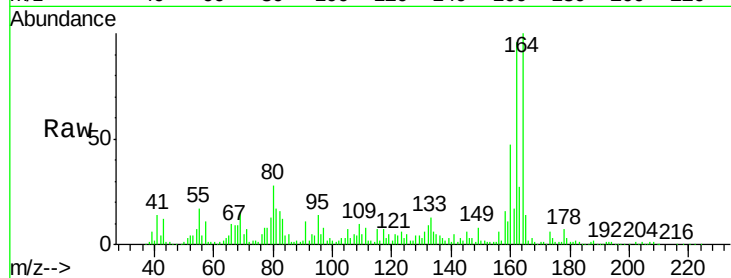
Tot Ion:164 Resp: 224642

Ion Ratio Lower Upper

164 100

162 95.9 77.3 115.9

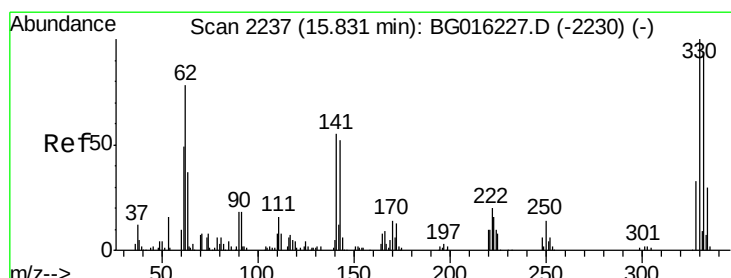
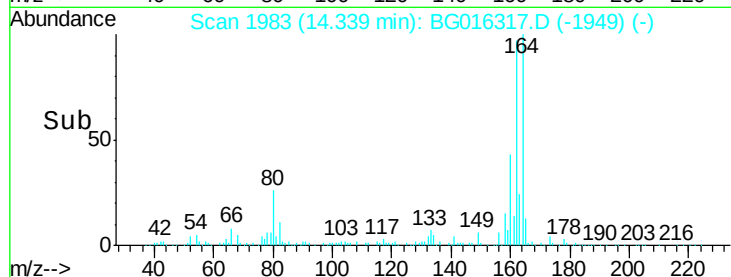
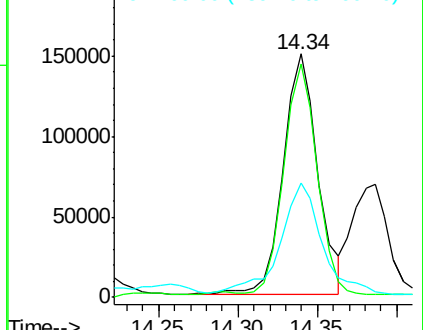
160 47.2 36.7 55.1



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: 140.49 ng

RT: 15.84 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

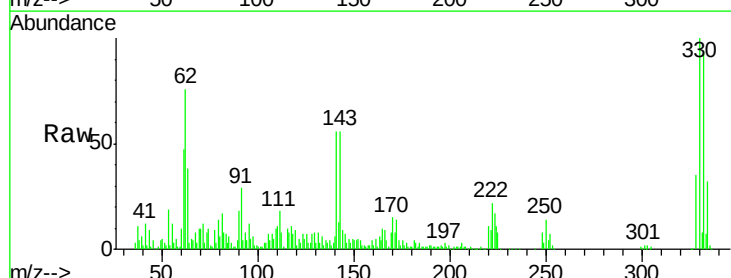
Tgt Ion:330 Resp: 213443

Ion Ratio Lower Upper

330 100

332 95.8 75.8 113.6

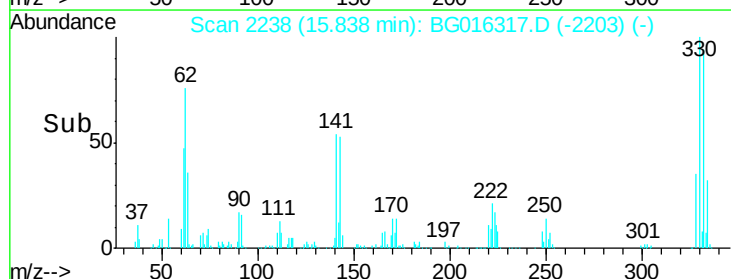
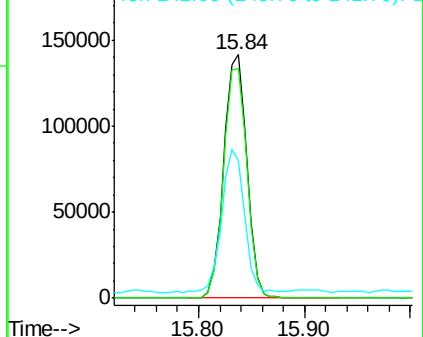
141 58.4 46.6 69.8

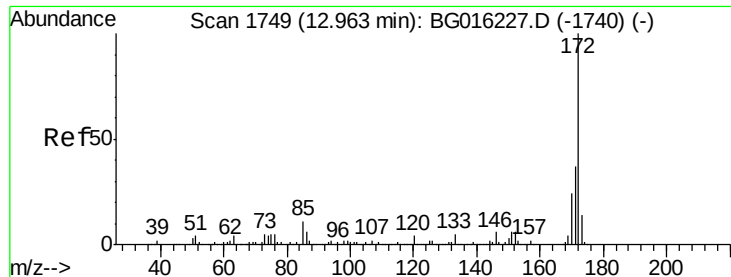


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

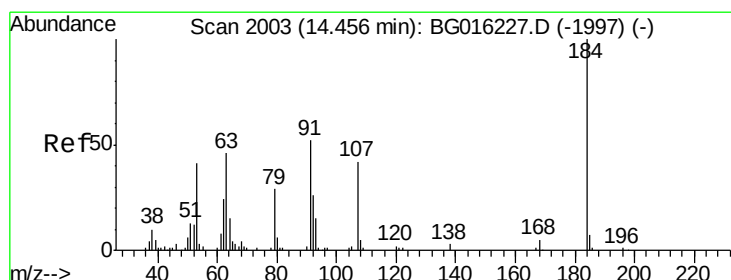
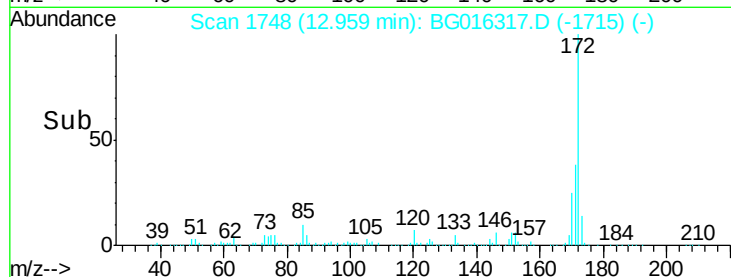
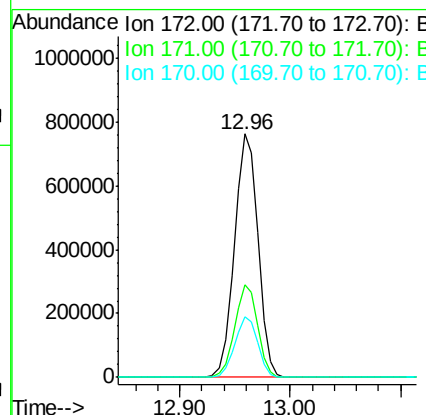
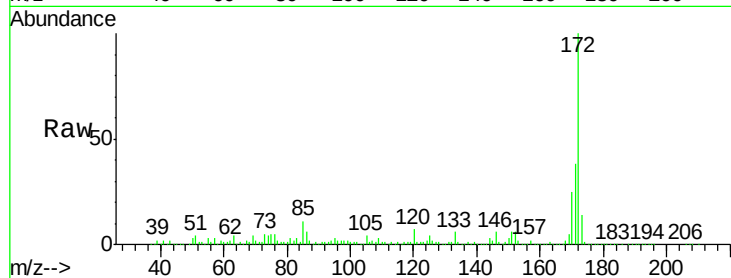




#44
 2-Fluorobiphenyl
 Concen: 86.09 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

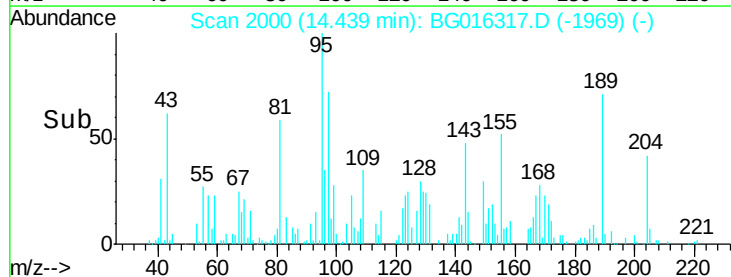
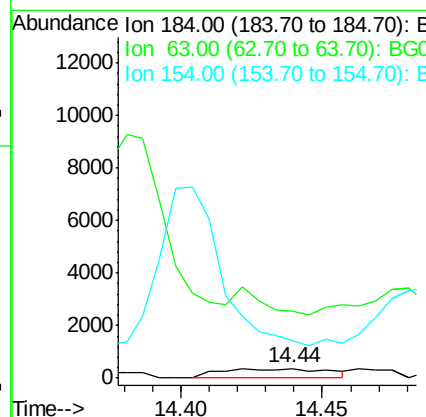
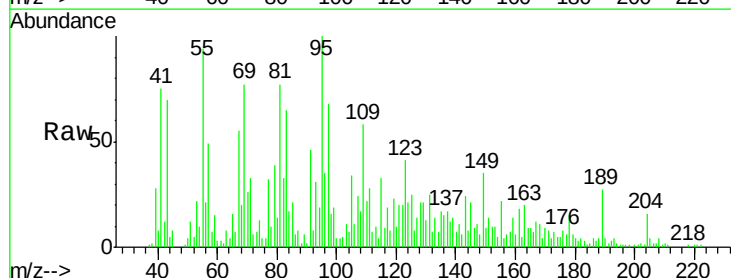
Instrument :
 BNA_G
 ClientSampled :

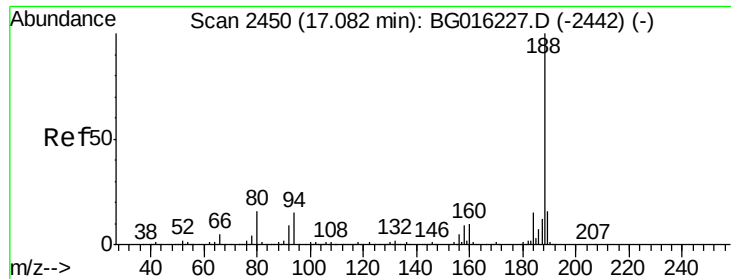
Tot Ion:172 Resp: 1135937
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 24.7 19.4 29.2



#53
 2,4-Dinitrophenol
 Concen: 8.63 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG016317.D
 Acq: 10 Apr 2015 8:22

Tgt Ion:184 Resp: 943
 Ion Ratio Lower Upper
 184 100
 63 718.8 45.8 68.6#
 154 396.1 34.5 51.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

Instrument :

BNA_G

ClientSampleId :

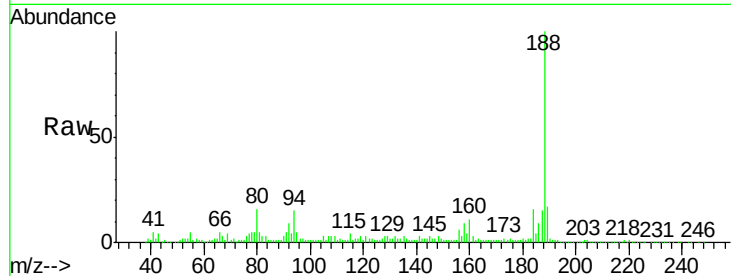
Tot Ion:188 Resp: 411871

Ion Ratio Lower Upper

188 100

94 15.2 12.2 18.4

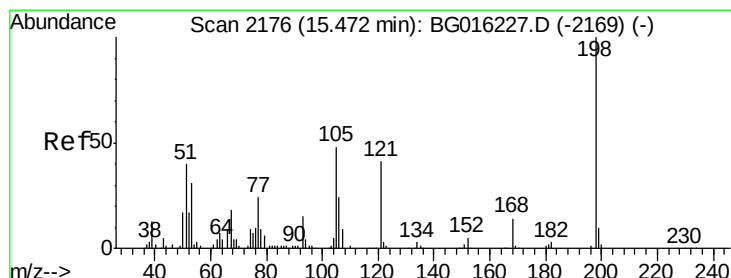
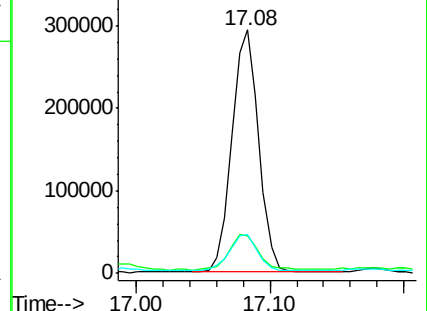
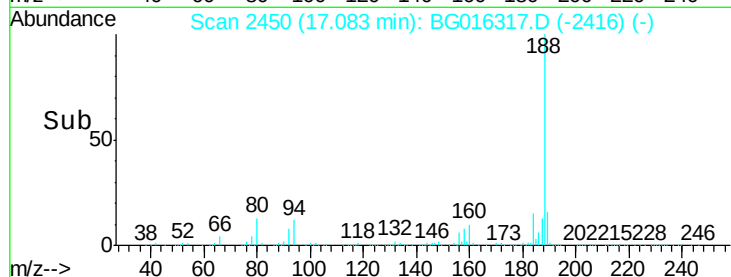
80 16.0 12.8 19.2



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: 3.94 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

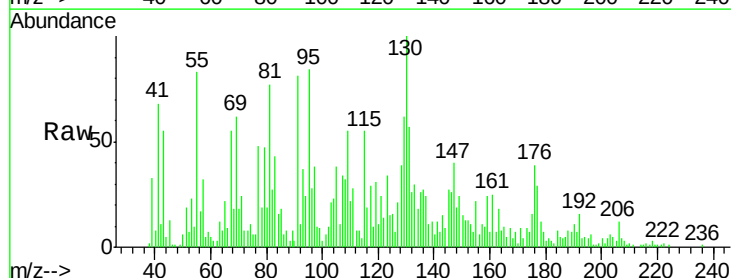
Tgt Ion:198 Resp: 182

Ion Ratio Lower Upper

198 100

51 1532.0 20.7 60.7#

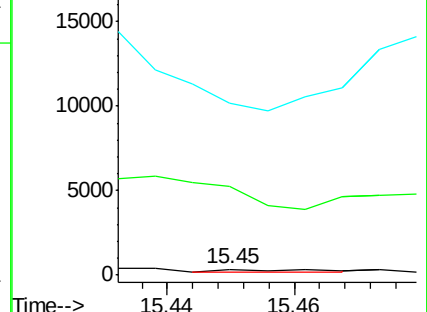
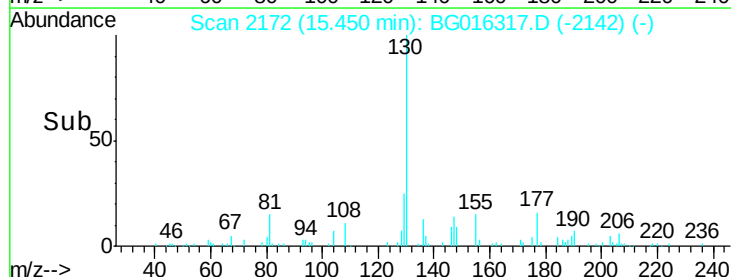
105 2958.4 28.8 68.8#

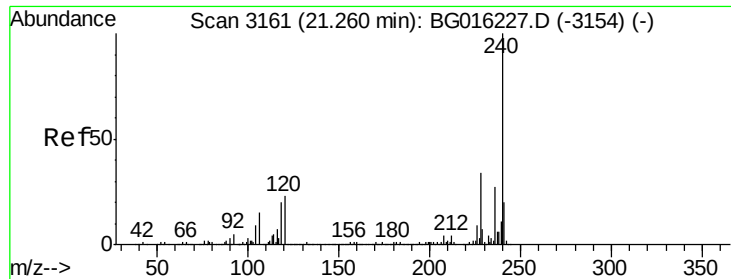


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

Instrument :

BNA_G

ClientSampleId :

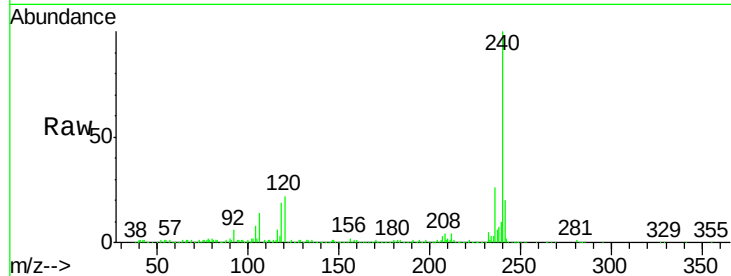
Tot Ion:240 Resp: 343014

Ion Ratio Lower Upper

240 100

120 22.1 18.6 28.0

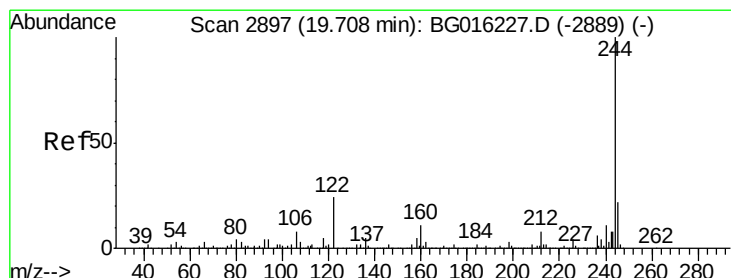
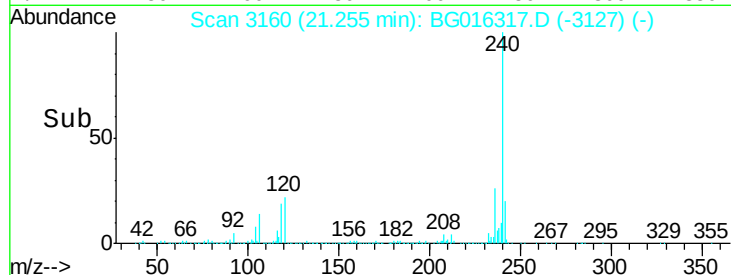
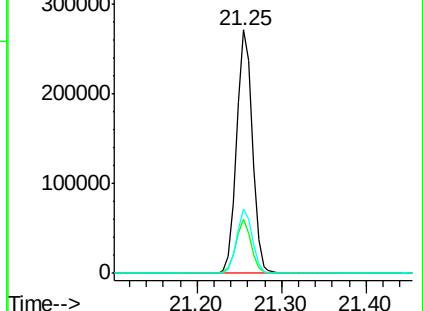
236 26.2 21.7 32.5



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: 72.34 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016317.D

Acq: 10 Apr 2015 8:22

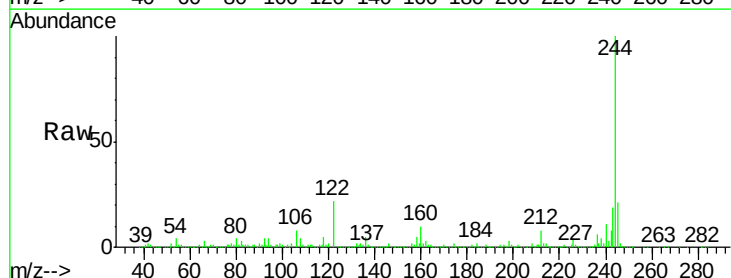
Tgt Ion:244 Resp: 1060179

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

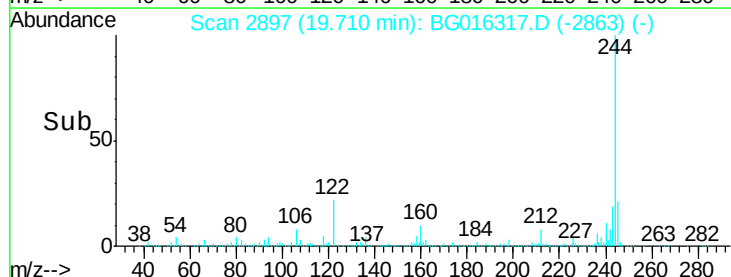
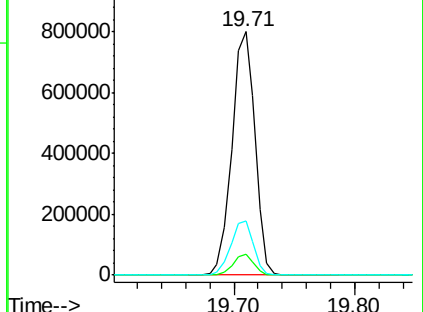
122 22.4 19.1 28.7

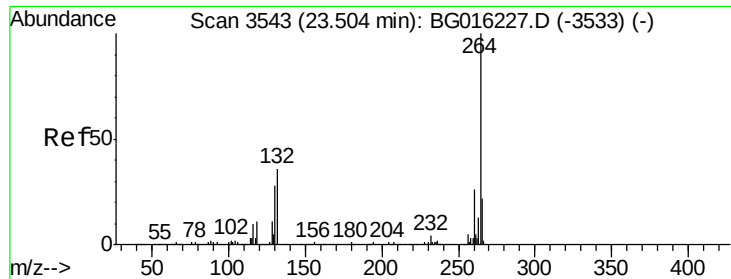


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

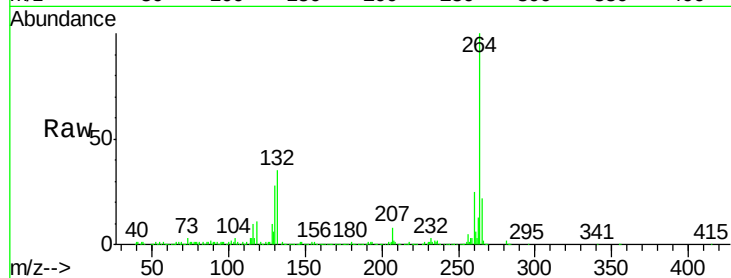




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG016317.D
Acq: 10 Apr 2015 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	21.9	17.2	25.8



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

