

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017740.D
 Acq On : 22 Jun 2015 11:24
 Operator : TP/IZ
 Sample : PB84122BL
 Misc : LOD/LOQ-SVOC-WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84122BL

Quant Time: Jun 23 02:11:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

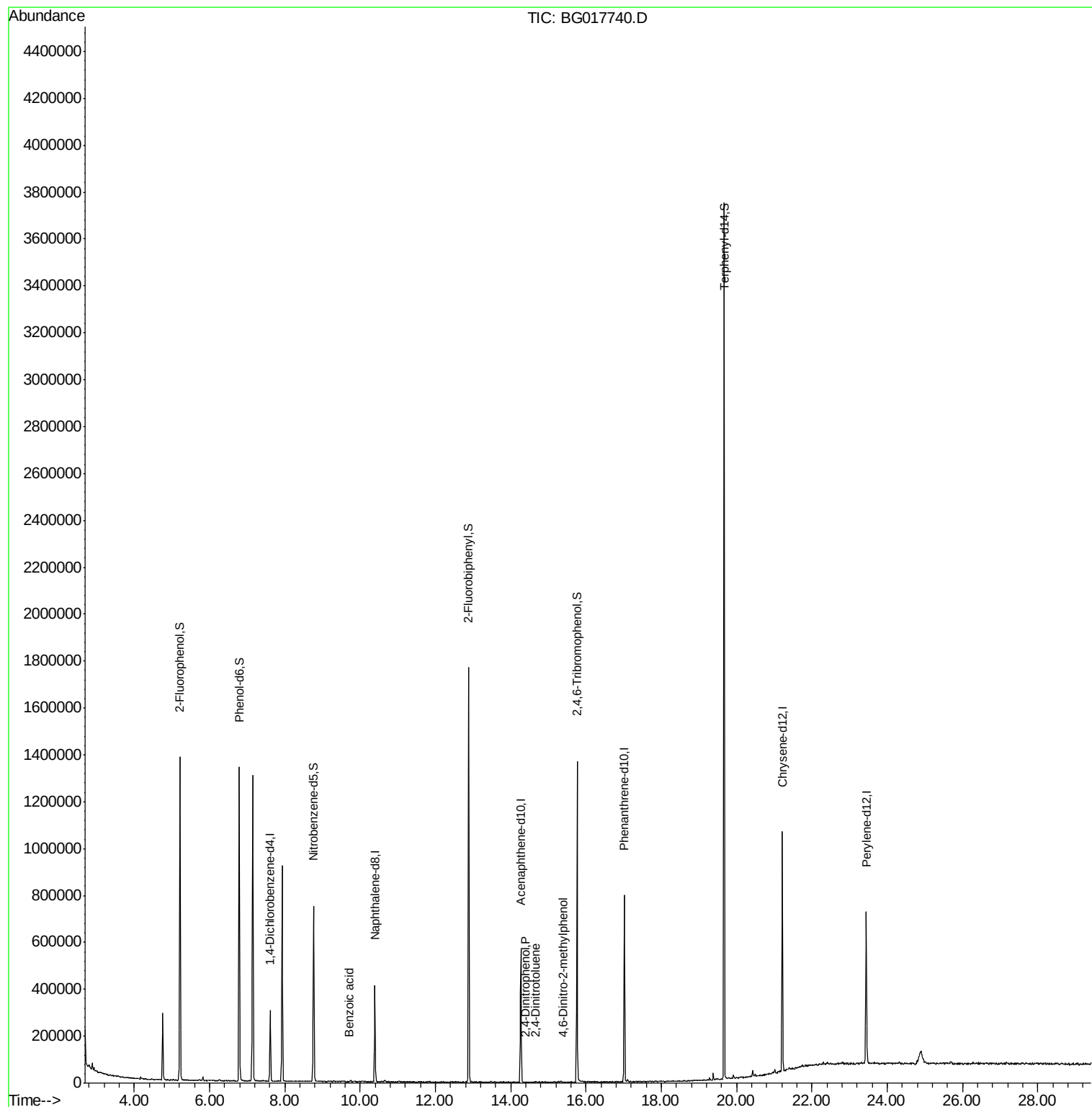
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	71171	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	303863	20.00	ng	-0.01
38) Acenaphthene-d10	14.27	164	179764	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	408735	20.00	ng	-0.01
75) Chrysene-d12	21.21	240	447468	20.00	ng	-0.02
86) Perylene-d12	23.45	264	413078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	507263	125.08	ng	-0.01
7) Phenol-d6	6.79	99	661609	116.07	ng	-0.01
23) Nitrobenzene-d5	8.76	82	405523	76.77	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	174983	104.98	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	798363	72.13	ng	-0.02
78) Terphenyl-d14	19.67	244	1369890	69.56	ng	-0.01
Target Compounds						
32) Benzoic acid	9.71	122	63	7.79	ng	# 1
53) 2,4-Dinitrophenol	14.40	184	55	7.24	ng	# 24
56) 2,4-Dinitrotoluene	14.65	165	63	2.94	ng	# 23
64) 4,6-Dinitro-2-methylphenol	15.40	198	58	7.21	ng	# 31

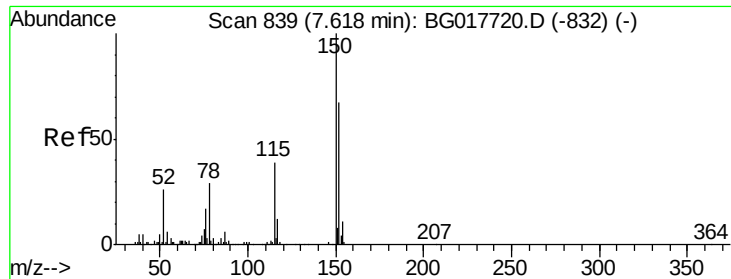
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017740.D
Acq On : 22 Jun 2015 11:24
Operator : TP/IZ
Sample : PB84122BL
Misc : LOD/LOQ-SVOC-WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB84122BL

Quant Time: Jun 23 02:11:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration



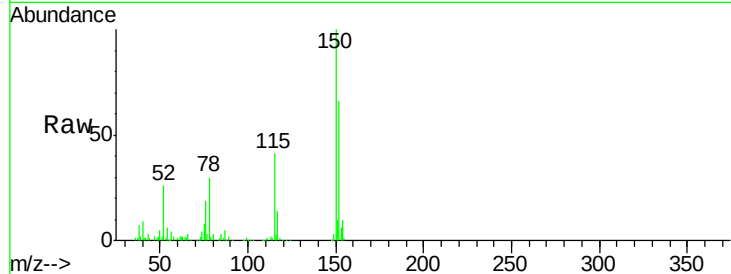


#1

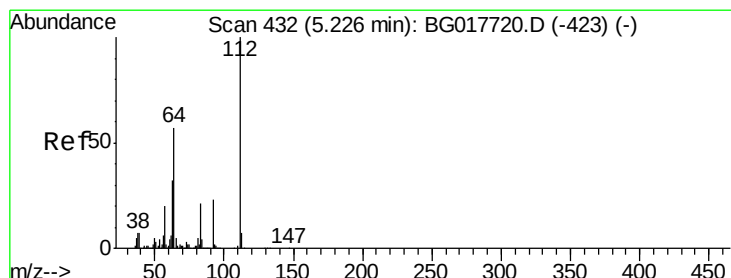
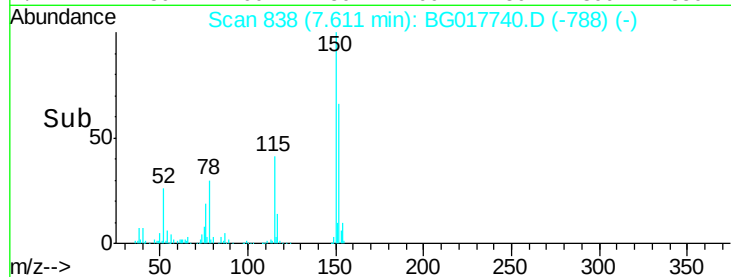
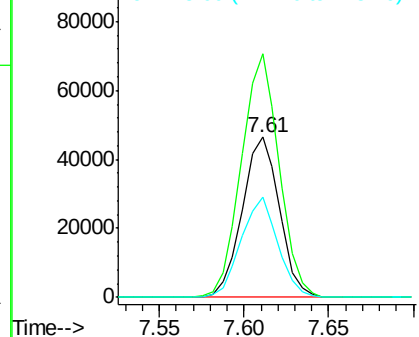
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG017740.D
Acq: 22 Jun 2015 11:24

Instrument :
BNA_G
ClientSampleId :
PB84122BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.1	178.7
115	62.5	47.0	70.4



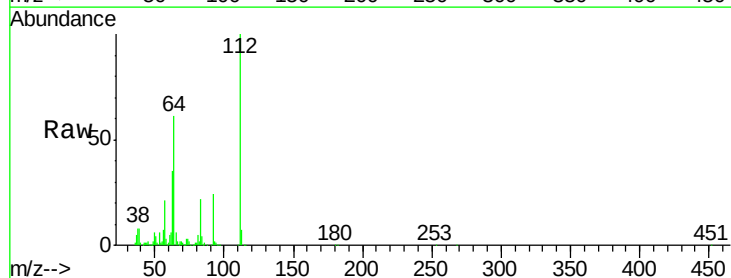
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



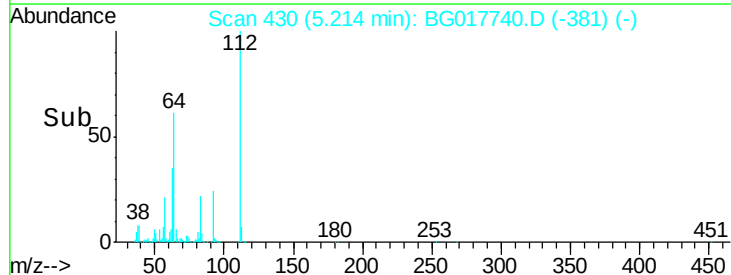
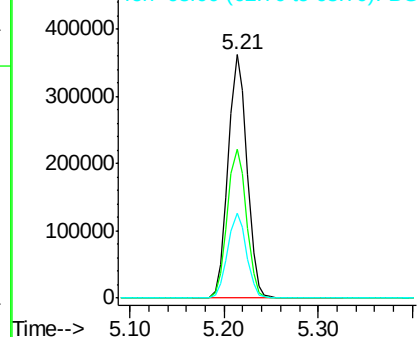
#5

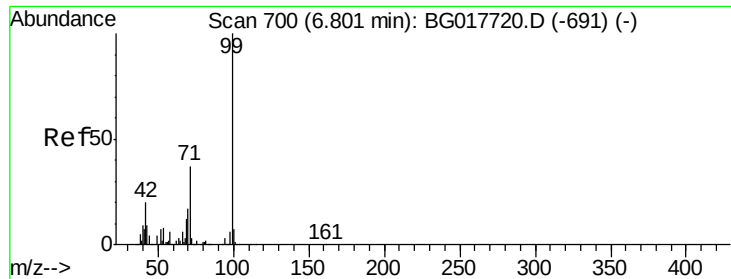
2-Fluorophenol
Concen: 125.08 ng
RT: 5.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG017740.D
Acq: 22 Jun 2015 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	45.4	68.0
63	35.0	25.3	37.9



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: 116.07 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017740.D

Acq: 22 Jun 2015 11:24

Instrument :

BNA_G

ClientSampleId :

PB84122BL

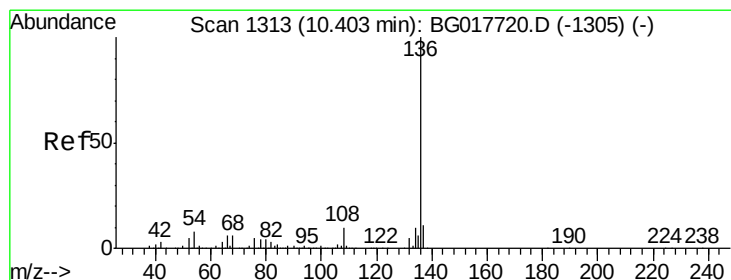
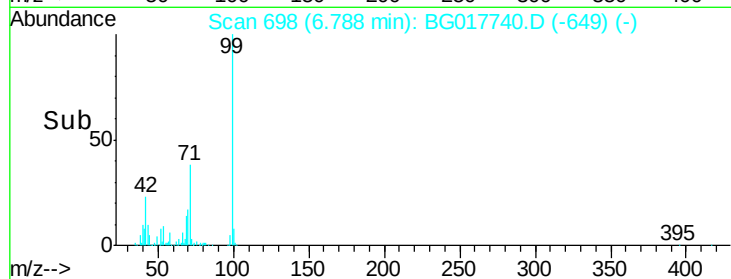
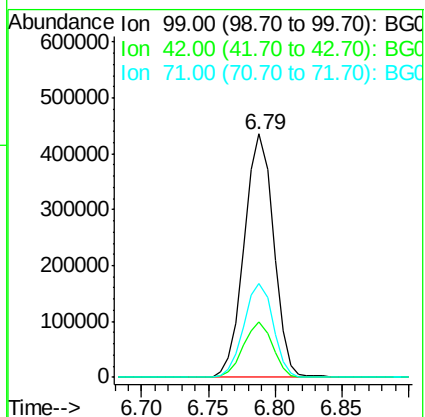
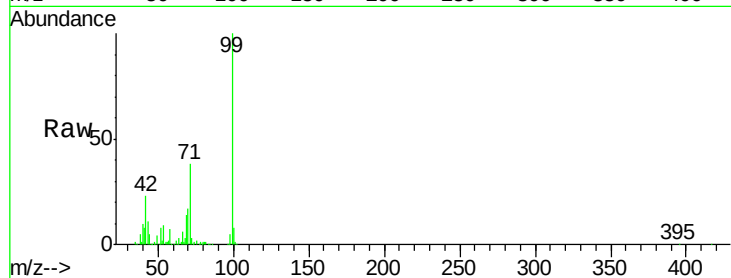
Tgt Ion: 99 Resp: 661609

Ion Ratio Lower Upper

99 100

42 22.7 16.2 24.4

71 38.5 29.5 44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG017740.D

Acq: 22 Jun 2015 11:24

Tgt Ion: 136 Resp: 303863

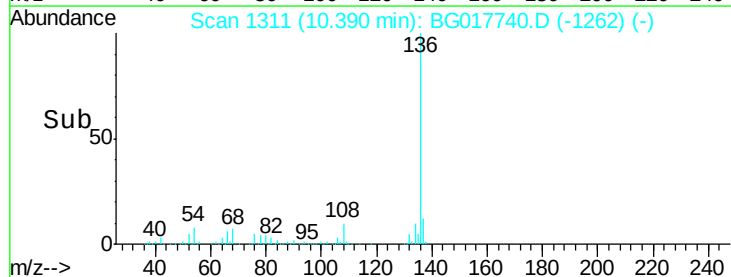
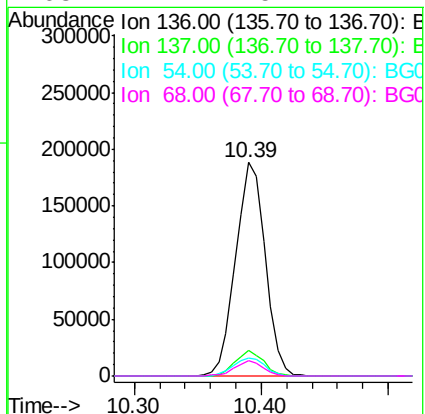
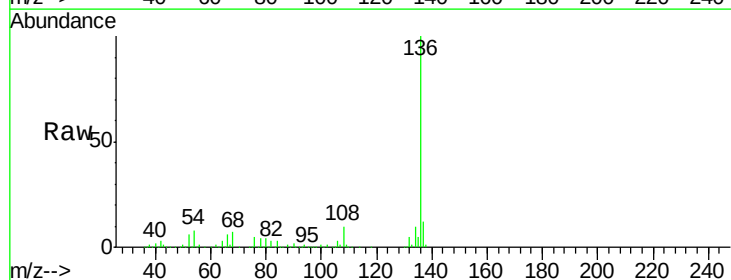
Ion Ratio Lower Upper

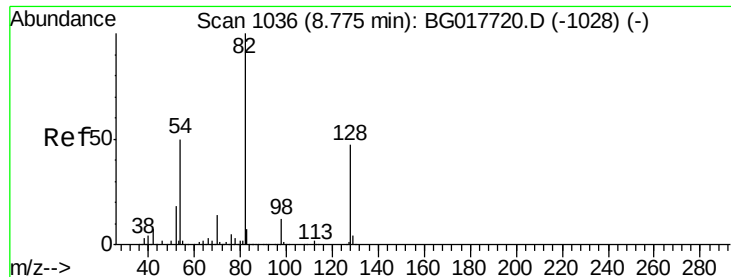
136 100

137 11.9 8.8 13.2

54 8.4 6.6 9.8

68 7.2 5.1 7.7

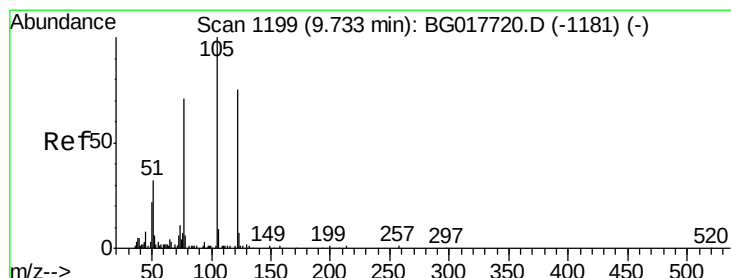
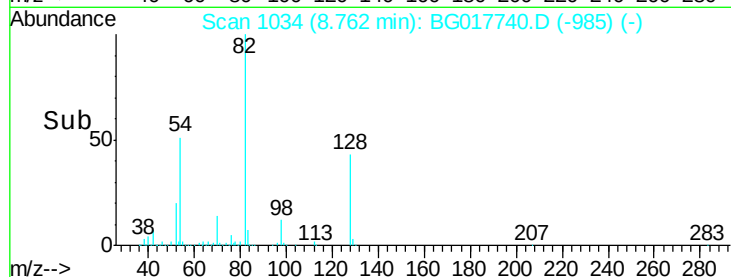
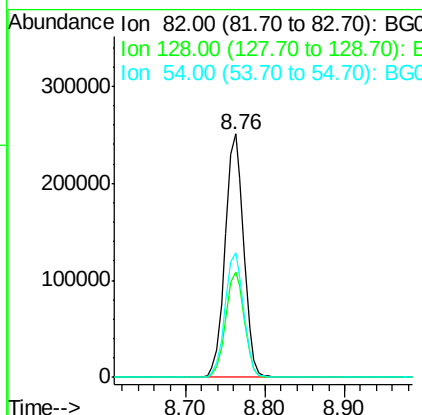
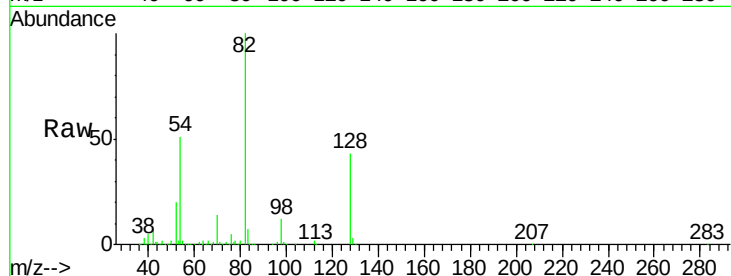




#23
 Nitrobenzene-d5
 Concen: 76.77 ng
 RT: 8.76 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG017740.D
 Acq: 22 Jun 2015 11:24

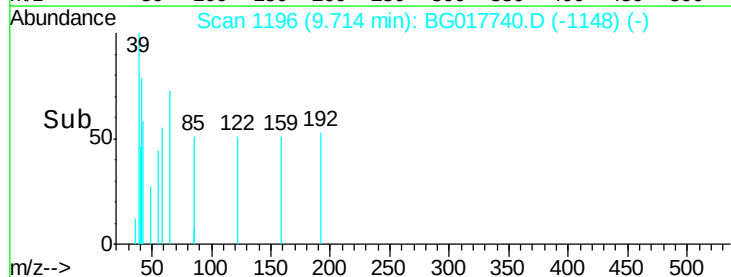
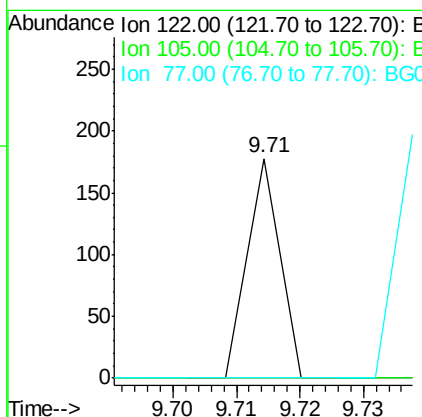
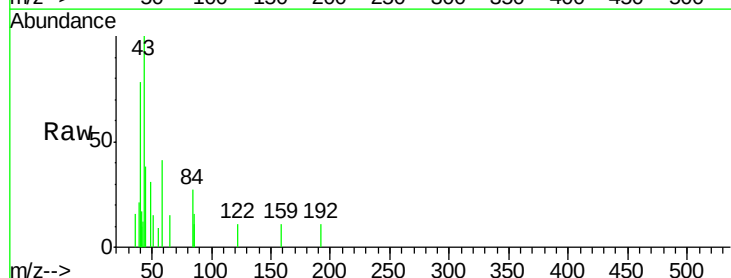
Instrument :
 BNA_G
 ClientSampleId :
 PB84122BL

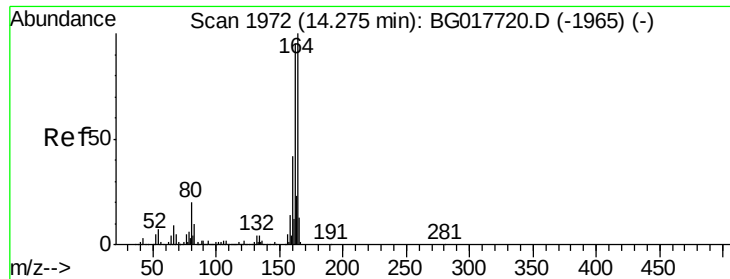
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.8	56.6
54	51.0	39.9	59.9



#32
 Benzoic acid
 Concen: 7.79 ng
 RT: 9.71 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG017740.D
 Acq: 22 Jun 2015 11:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	111.3	151.3#
77	0.0	75.2	115.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG017740.D

Acq: 22 Jun 2015 11:24

Instrument :

BNA_G

ClientSampleId :

PB84122BL

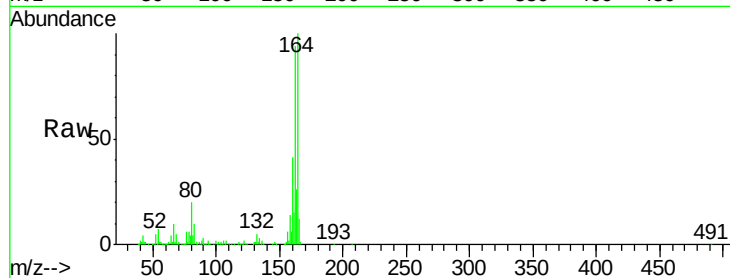
Tgt Ion:164 Resp: 179764

Ion Ratio Lower Upper

164 100

162 93.5 76.3 114.5

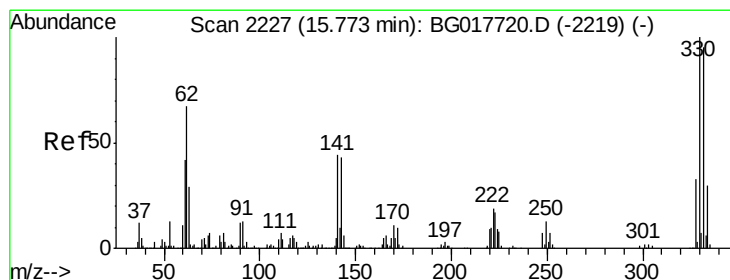
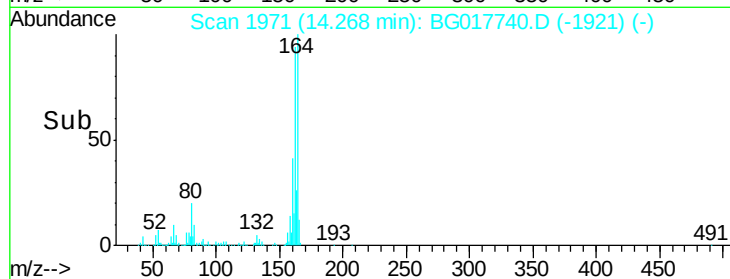
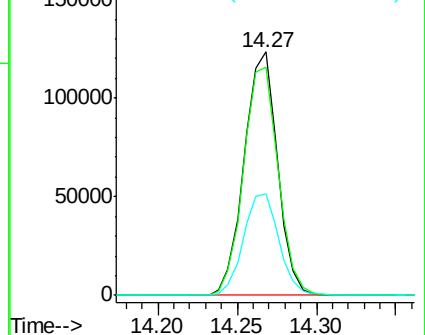
160 41.5 33.7 50.5



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: 104.98 ng

RT: 15.76 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG017740.D

Acq: 22 Jun 2015 11:24

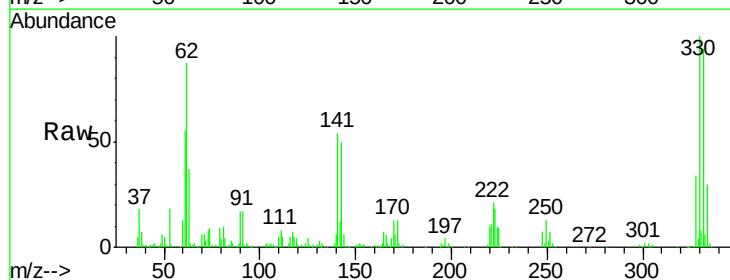
Tgt Ion:330 Resp: 174983

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

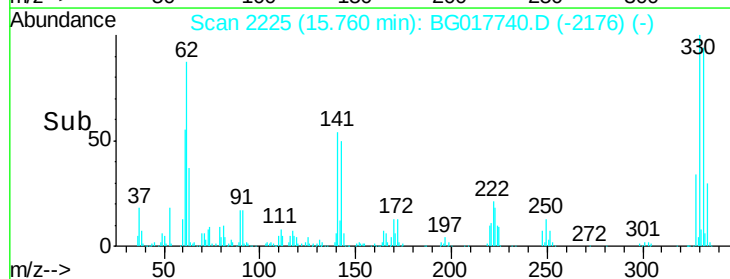
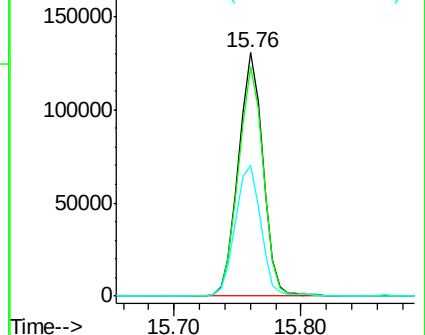
141 55.2 38.0 57.0

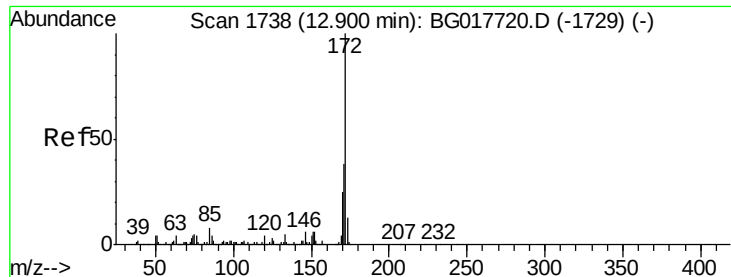


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

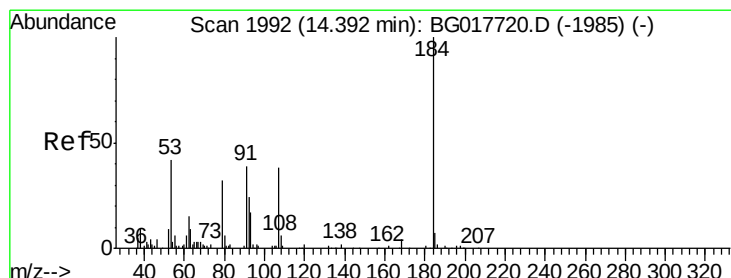
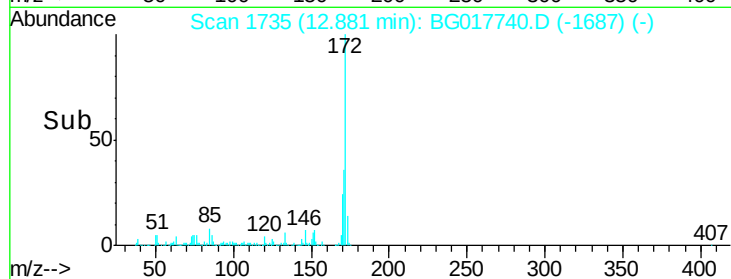
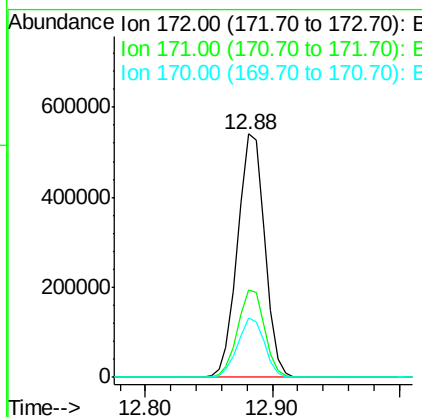
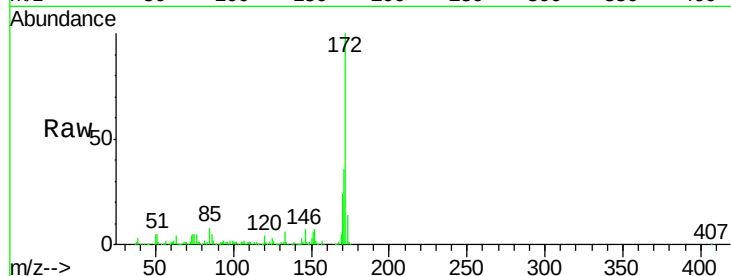




#44
 2-Fluorobiphenyl
 Concen: 72.13 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017740.D
 Acq: 22 Jun 2015 11:24

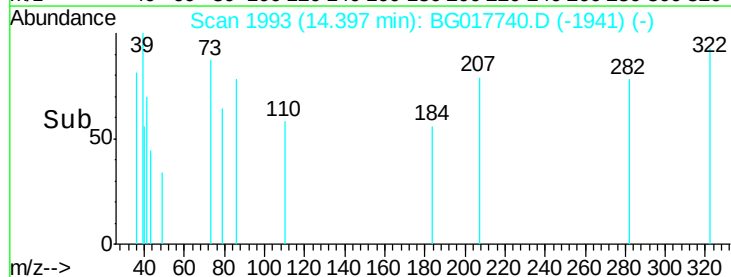
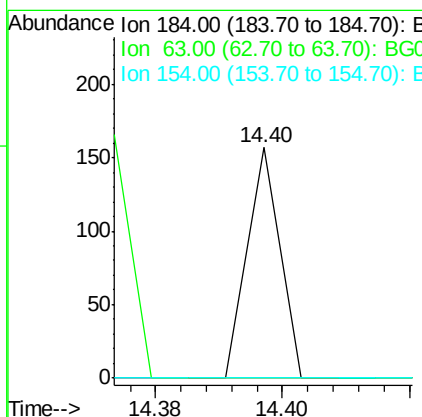
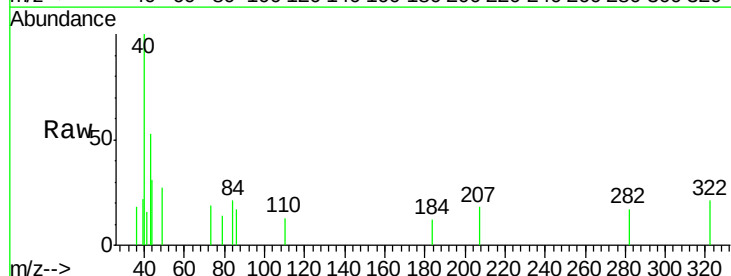
Instrument :
 BNA_G
 ClientSampleId :
 PB84122BL

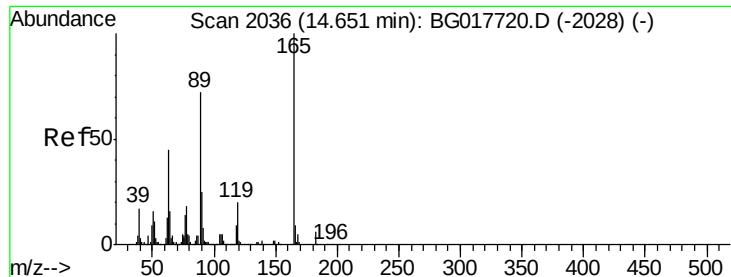
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	24.4	19.7	29.5



#53
 2,4-Dinitrophenol
 Concen: 7.24 ng
 RT: 14.40 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BG017740.D
 Acq: 22 Jun 2015 11:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	47.8	71.6#
154	0.0	39.3	58.9#

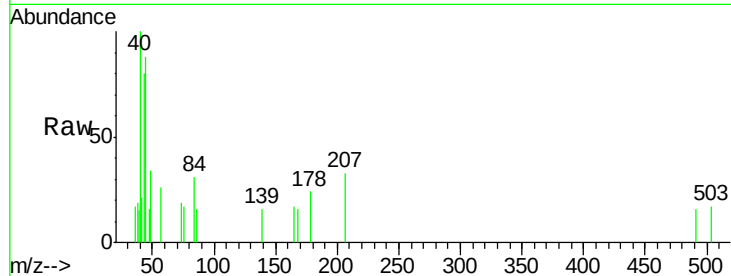




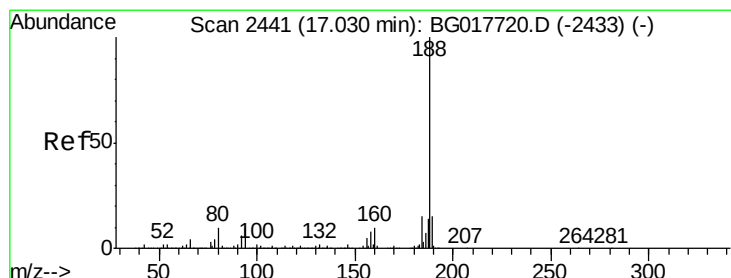
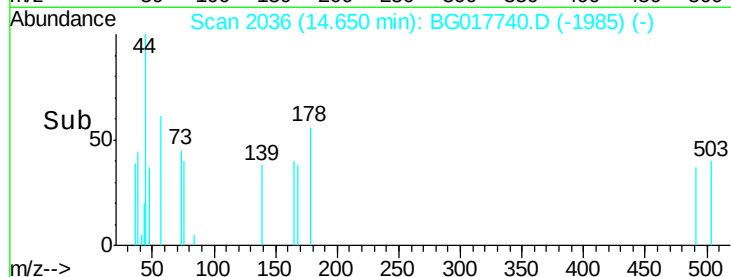
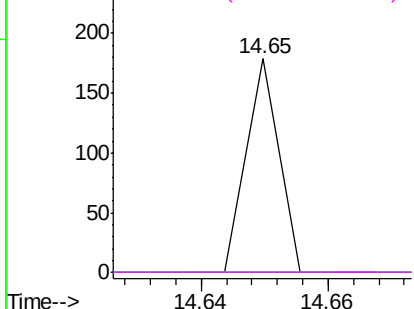
#56
2,4-Dinitrotoluene
Concen: 2.94 ng
RT: 14.65 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG017740.D
Acq: 22 Jun 2015 11:24

Instrument :
BNA_G
ClientSampleId :
PB84122BL

Tgt Ion:165 Resp: 63
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 0.0 57.9 86.9#
182 0.0 4.7 7.1#

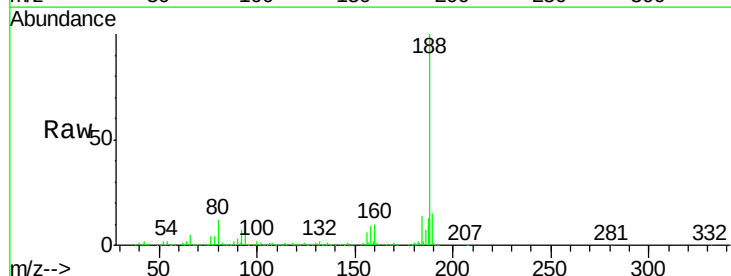


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

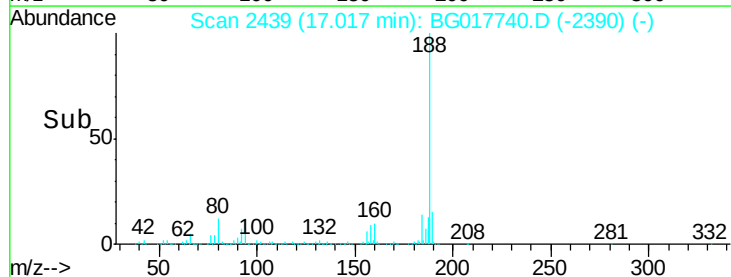
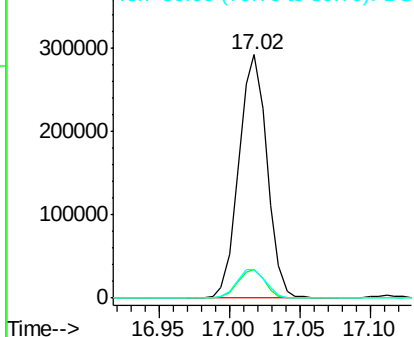


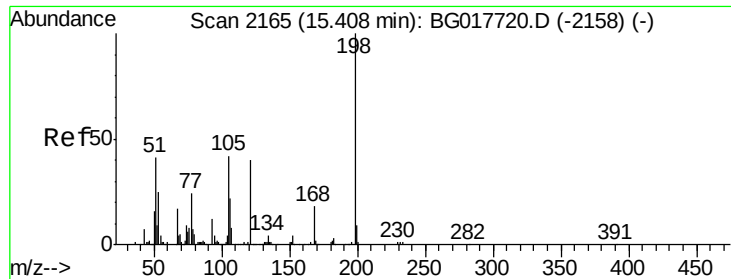
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG017740.D
Acq: 22 Jun 2015 11:24

Tgt Ion:188 Resp: 408735
Ion Ratio Lower Upper
188 100
94 11.7 8.2 12.2
80 11.9 8.2 12.4



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

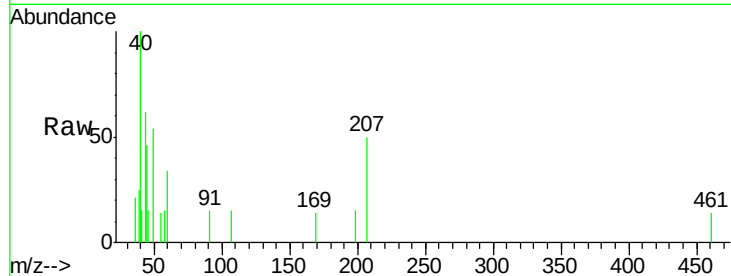




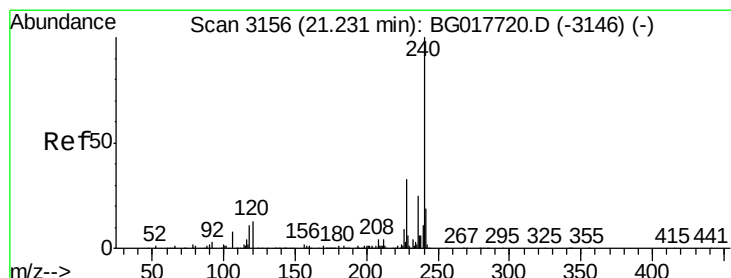
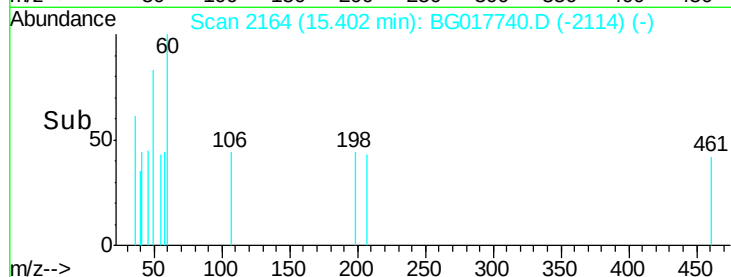
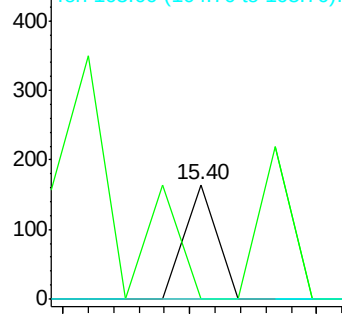
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.21 ng
 RT: 15.40 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG017740.D
 Acq: 22 Jun 2015 11:24

Instrument :
 BNA_G
 ClientSampleId :
 PB84122BL

Tgt Ion:198 Resp: 58
 Ion Ratio Lower Upper
 198 100
 51 0.0 27.0 67.0#
 105 0.0 23.3 63.3#

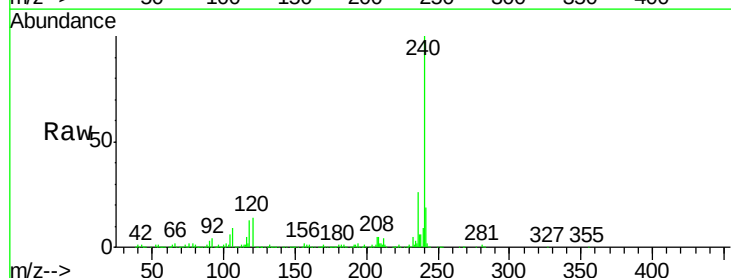


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

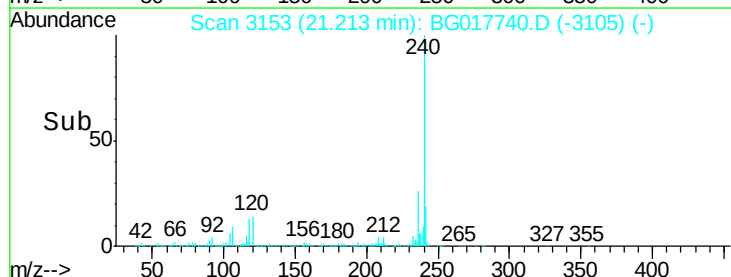
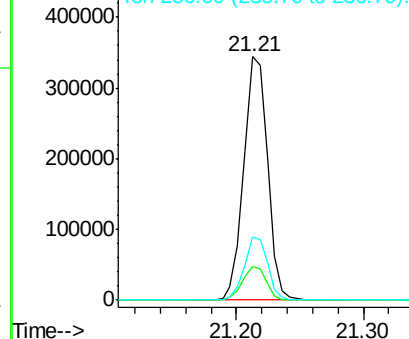


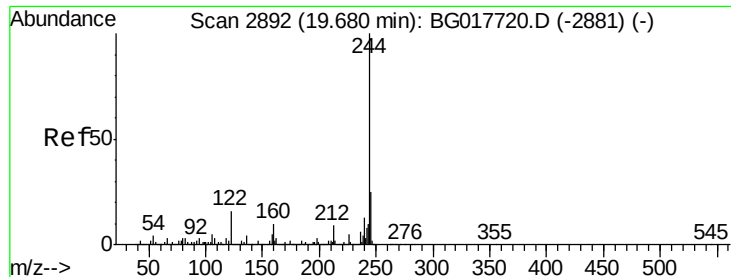
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.21 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG017740.D
 Acq: 22 Jun 2015 11:24

Tgt Ion:240 Resp: 447468
 Ion Ratio Lower Upper
 240 100
 120 14.0 10.8 16.2
 236 25.8 20.0 30.0



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: 69.56 ng

RT: 19.67 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG017740.D

Acq: 22 Jun 2015 11:24

Instrument :

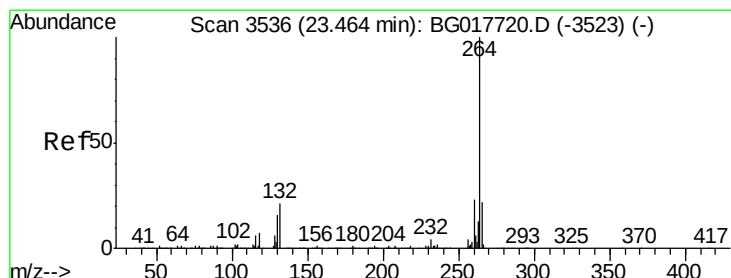
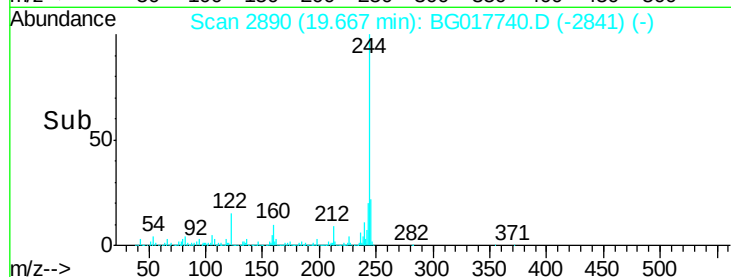
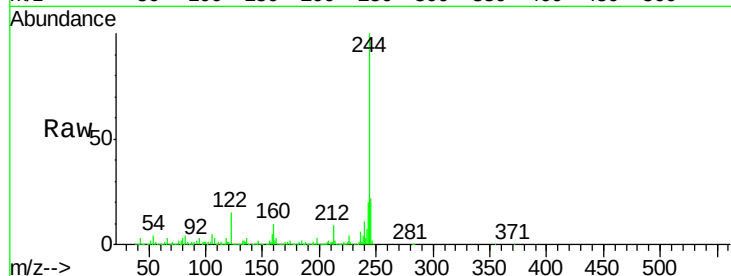
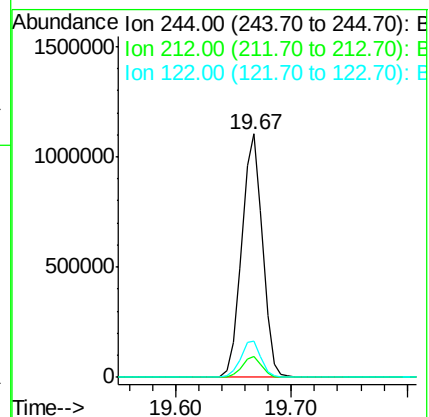
BNA_G

ClientSampled :

PB84122BL

Tgt Ion:244 Resp: 1369890

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	15.0	12.8	19.2



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.45 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG017740.D

Acq: 22 Jun 2015 11:24

Tgt Ion:264 Resp: 413078

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.5	18.2	27.2

