

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
 Data File : BG016790.D
 Acq On : 29 Apr 2015 8:30
 Operator : TP/IZ
 Sample : G2004-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 17:05:38 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

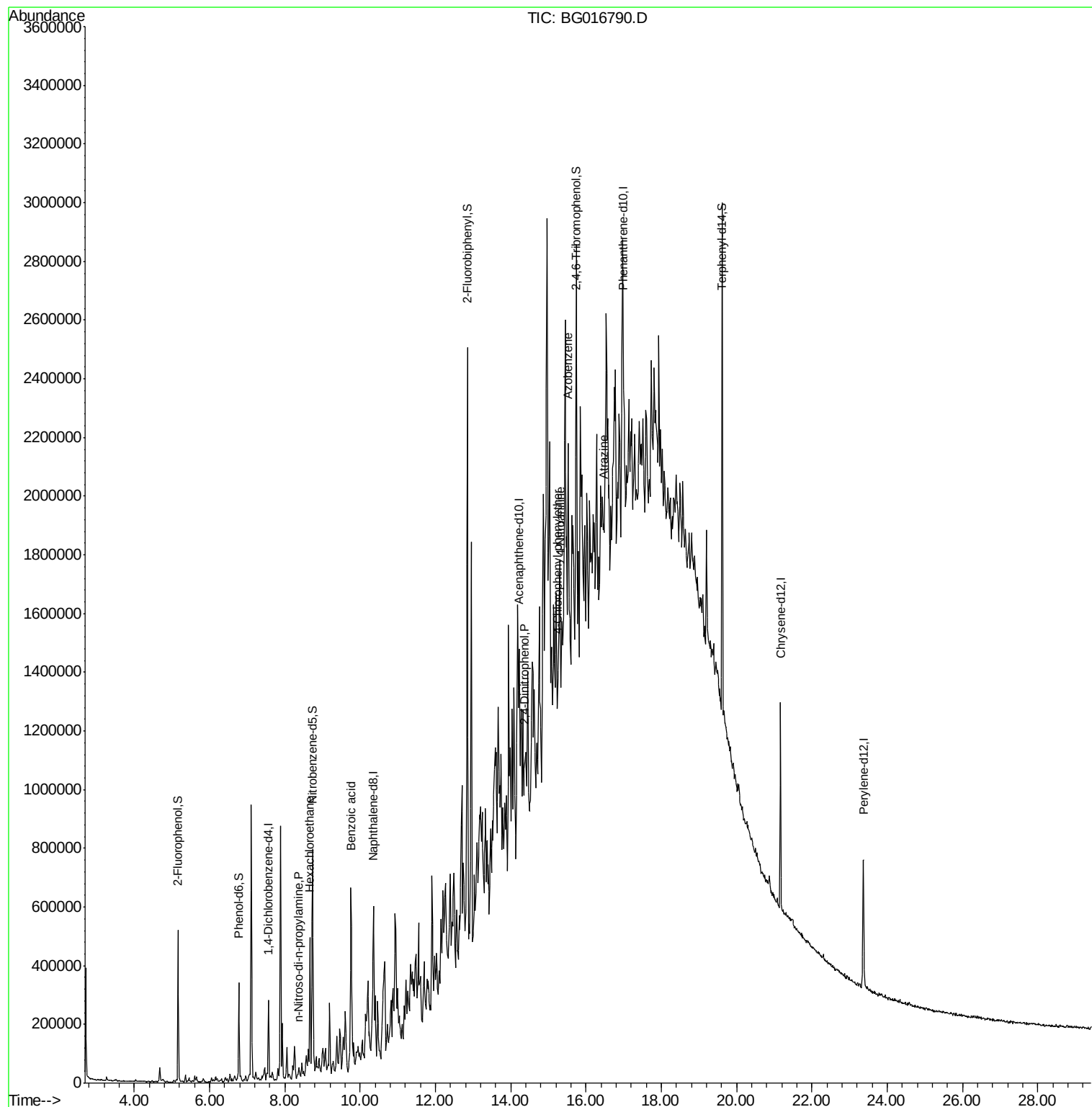
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	76865	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	336179	20.00	ng	-0.03
38) Acenaphthene-d10	14.23	164	210483	20.00	ng	-0.02
63) Phenanthrene-d10	16.98	188	331811	20.00	ng	-0.01
75) Chrysene-d12	21.17	240	290226	20.00	ng	-0.01
86) Perylene-d12	23.37	264	274981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	263767	55.69	ng	-0.03
7) Phenol-d6	6.78	99	231605	34.85	ng	-0.02
23) Nitrobenzene-d5	8.73	82	380885	71.59	ng	-0.03
41) 2,4,6-Tribromophenol	15.74	330	142477	91.24	ng	-0.01
44) 2-Fluorobiphenyl	12.85	172	915924	69.91	ng	-0.02
78) Terphenyl-d14	19.62	244	679069	53.90	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	8.67	117	50829	23.29	ng	# 1
19) n-Nitroso-di-n-propylamine	8.37	70	9074	2.19	ng	# 65
32) Benzoic acid	9.77	122	1105	9.17	ng	# 1
53) 2,4-Dinitrophenol	14.36	184	317	7.74	ng	# 1
60) 4-Chlorophenyl-phenylether	15.25	204	18063	2.63	ng	# 66
61) 4-Nitroaniline	15.31	138	12571	2.43	ng	# 73
62) Azobenzene	15.52	77	40405	2.70	ng	# 38
68) Atrazine	16.47	200	7255	2.38	ng	# 1

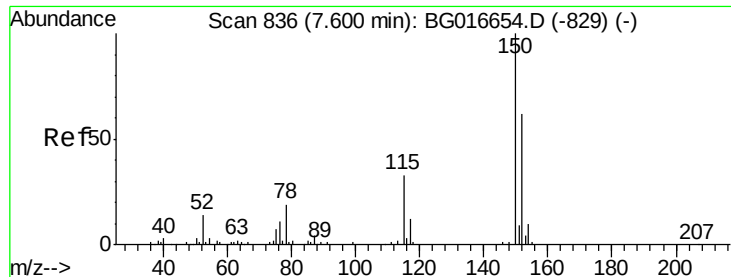
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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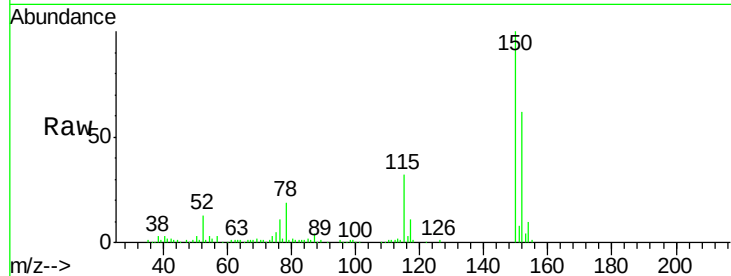


#1

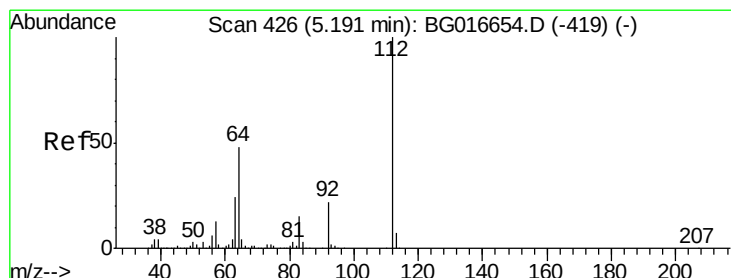
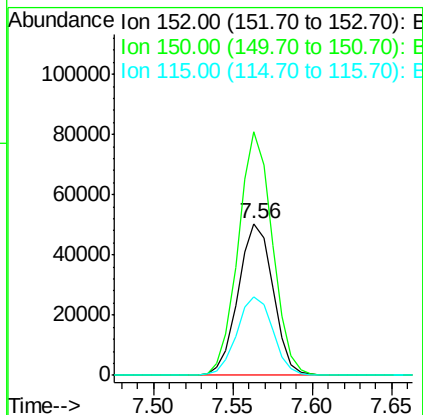
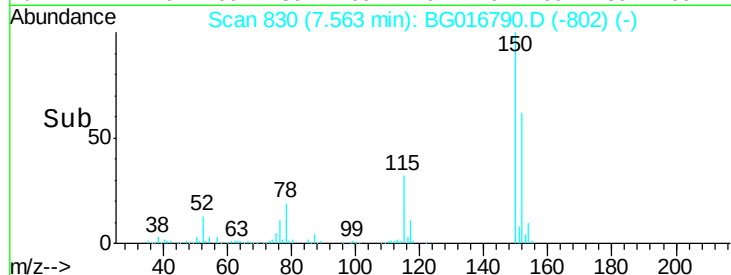
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.04 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	129.6	194.4
115	52.2	43.0	64.6



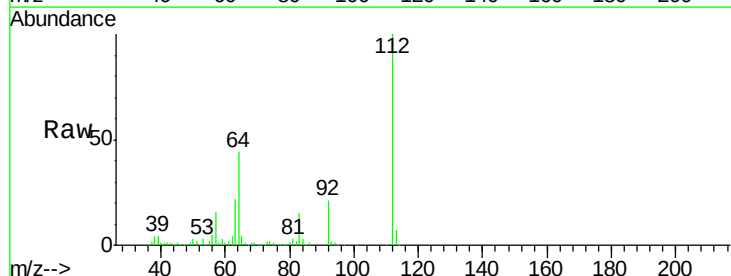
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



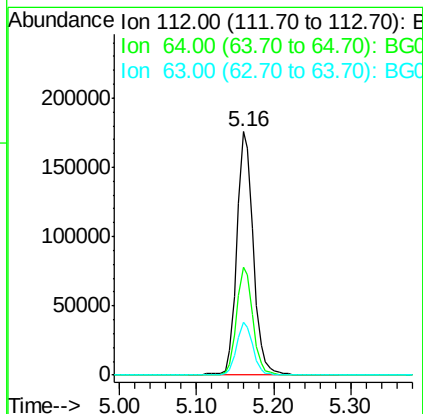
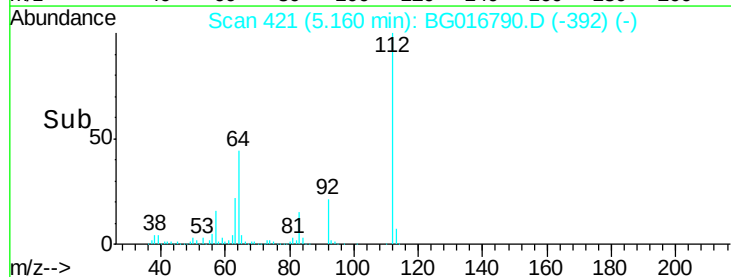
#5

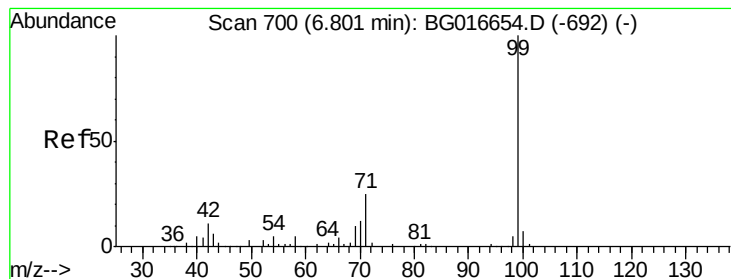
2-Fluorophenol
Concen: 55.69 ng
RT: 5.16 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	38.3	57.5
63	21.7	18.9	28.3



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: 34.85 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG016790.D

Acq: 29 Apr 2015 8:30

Instrument :

BNA_G

ClientSampleId :

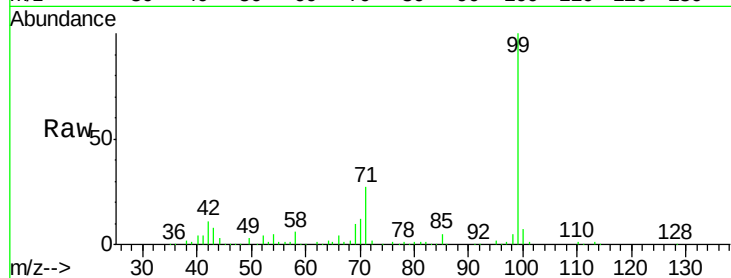
Tot Ion: 99 Resp: 231605

Ion Ratio Lower Upper

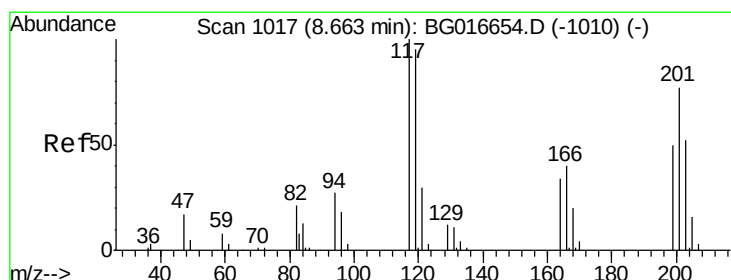
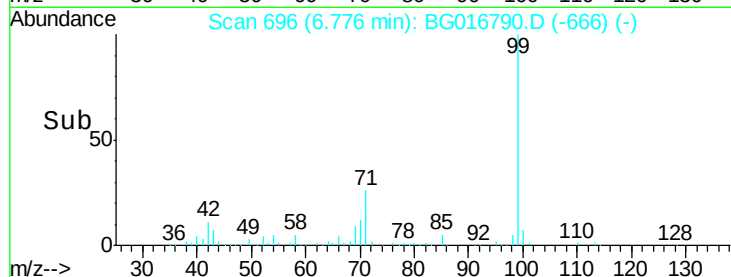
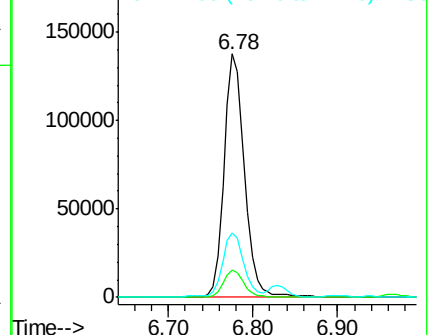
99 100

42 11.3 8.8 13.2

71 26.7 19.9 29.9



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: 23.29 ng

RT: 8.67 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG016790.D

Acq: 29 Apr 2015 8:30

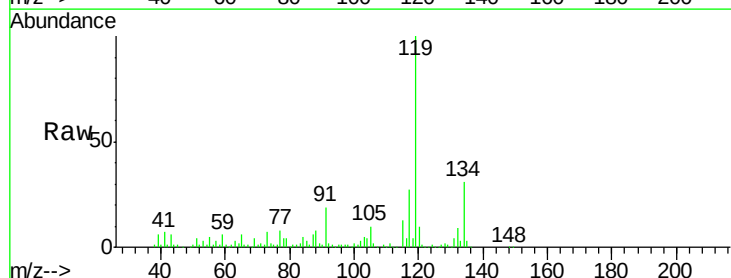
Tgt Ion: 117 Resp: 50829

Ion Ratio Lower Upper

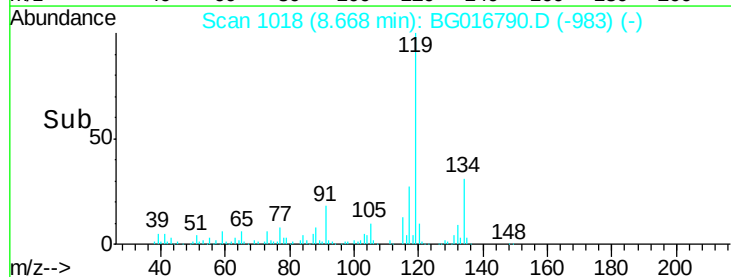
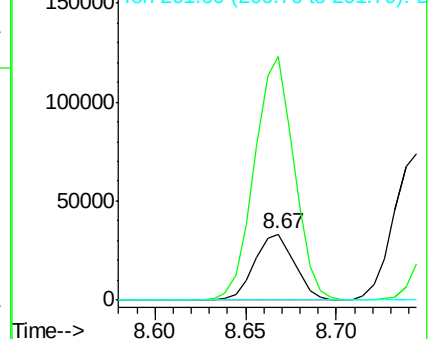
117 100

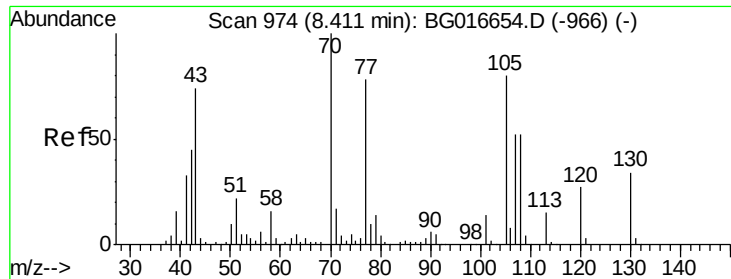
119 369.2 76.3 114.5#

201 0.0 61.5 92.3#



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

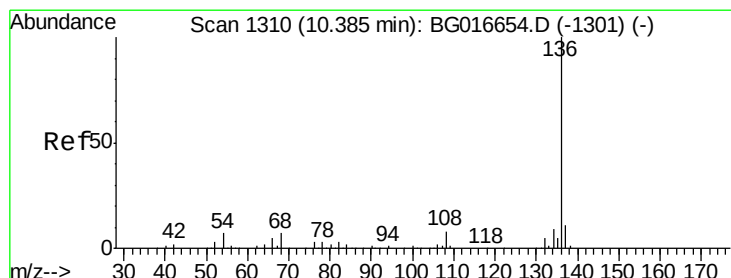
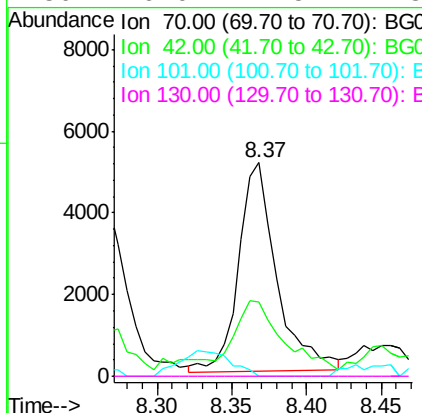
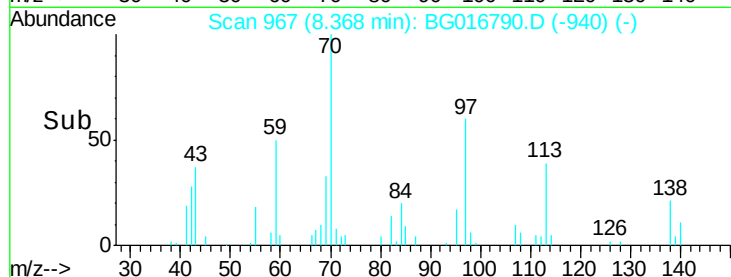
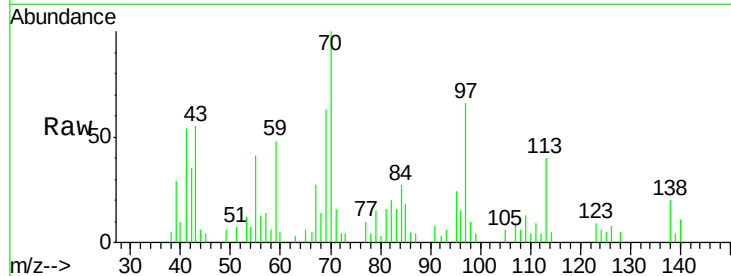




#19
n-Nitroso-di-n-propylamine
Concen: 2.19 ng
RT: 8.37 min Scan# 967
Delta R.T. -0.04 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

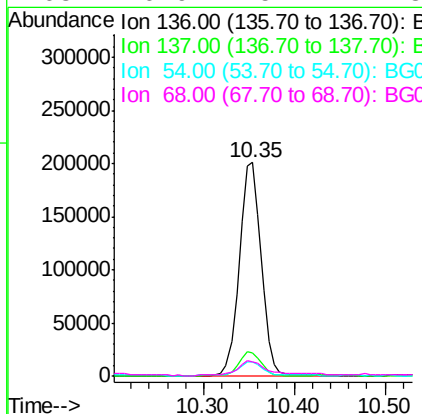
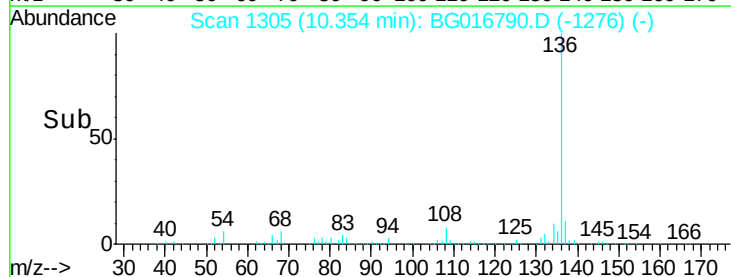
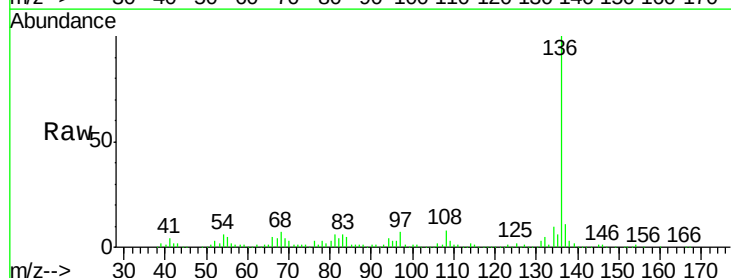
Instrument :
BNA_G
ClientSampleId :

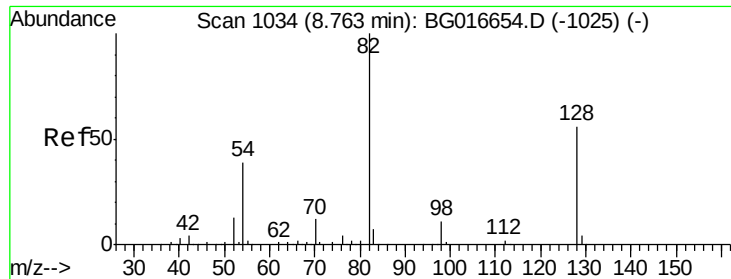
Tot Ion: 70 Resp: 9074
Ion Ratio Lower Upper
70 100
42 34.5 35.7 53.5#
101 0.0 11.0 16.4#
130 0.0 27.5 41.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion: 136 Resp: 336179
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.5 5.4 8.2
68 6.9 5.2 7.8

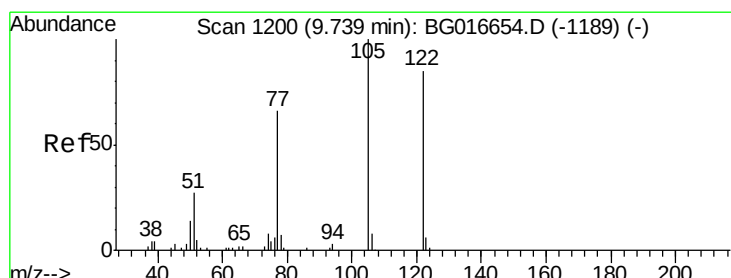
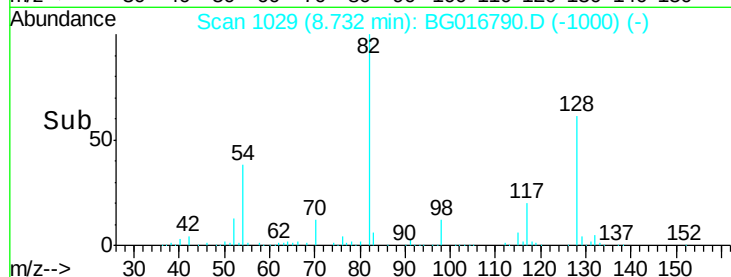
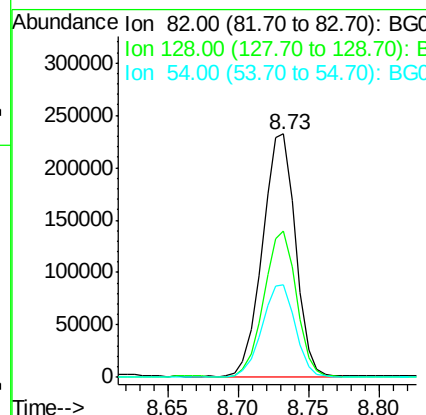
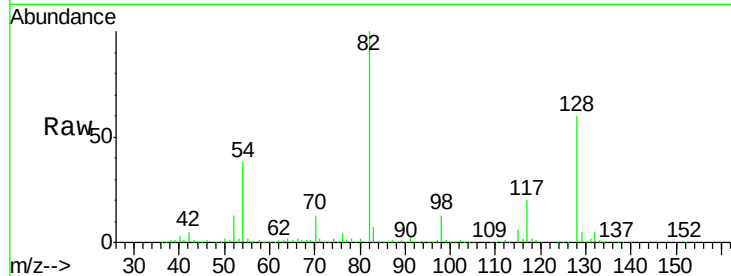




#23
Nitrobenzene-d5
Concen: 71.59 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

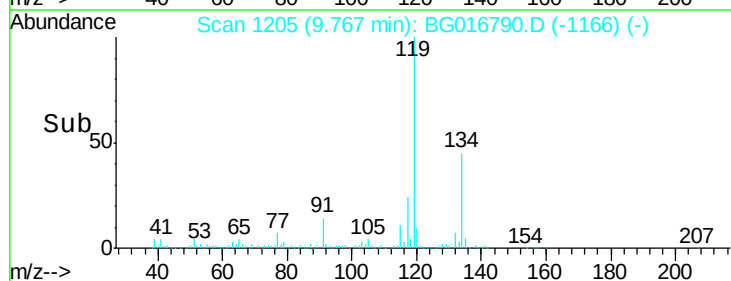
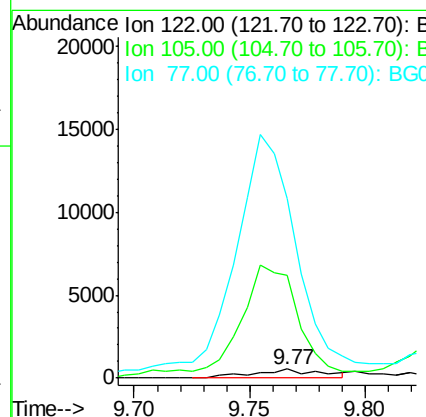
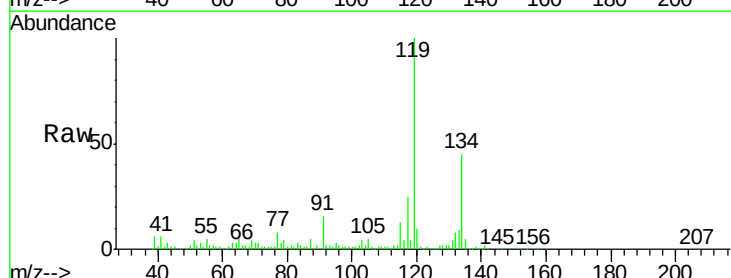
Instrument :
BNA_G
ClientSampled :

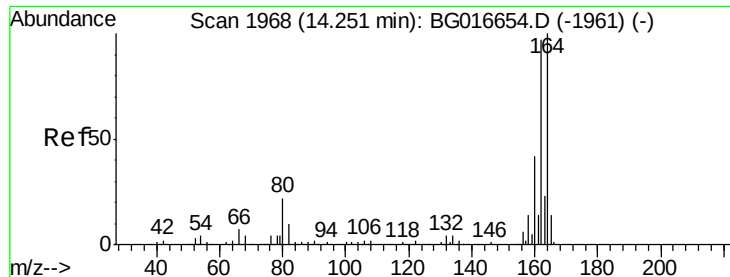
Tot Ion: 82 Resp: 380885
Ion Ratio Lower Upper
82 100
128 60.2 44.7 67.1
54 37.8 30.9 46.3



#32
Benzoic acid
Concen: 9.17 ng
RT: 9.77 min Scan# 1205
Delta R.T. 0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:122 Resp: 1105
Ion Ratio Lower Upper
122 100
105 1150.0 97.2 137.2#
77 2017.8 58.4 98.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.23 min Scan# 1964

Delta R.T. -0.02 min

Lab File: BG016790.D

Acq: 29 Apr 2015 8:30

Instrument :

BNA_G

ClientSampleId :

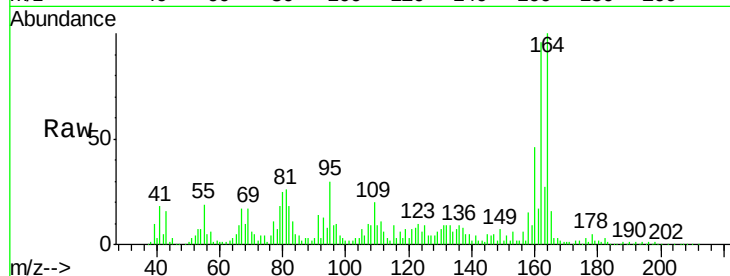
Tot Ion:164 Resp: 210483

Ion Ratio Lower Upper

164 100

162 96.0 77.3 115.9

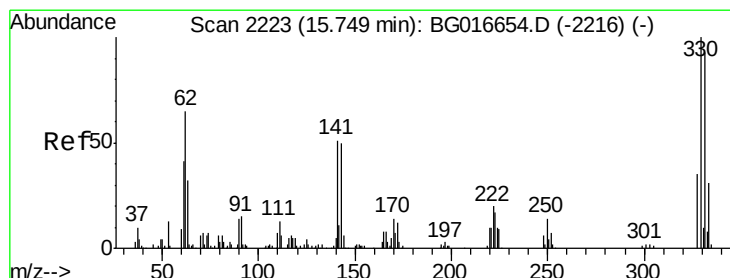
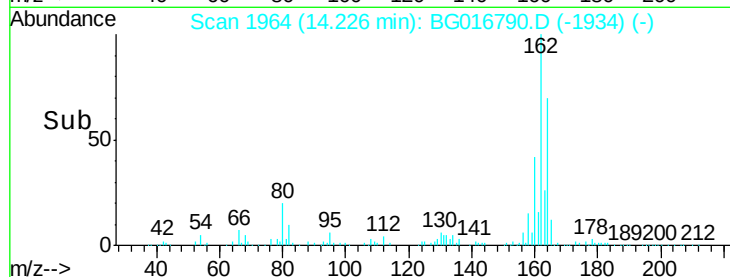
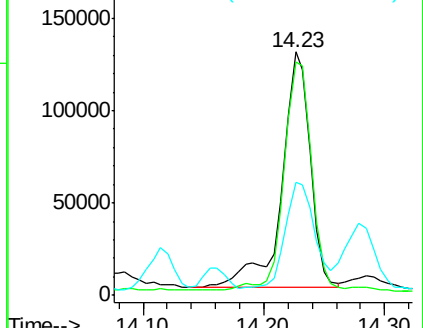
160 46.3 33.7 50.5



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: 91.24 ng

RT: 15.74 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG016790.D

Acq: 29 Apr 2015 8:30

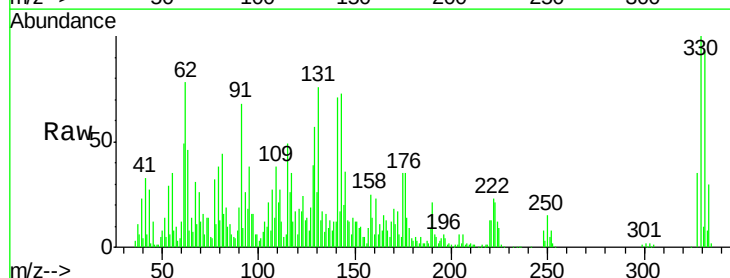
Tgt Ion:330 Resp: 142477

Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

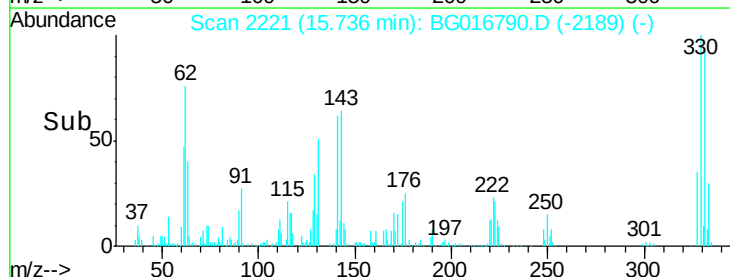
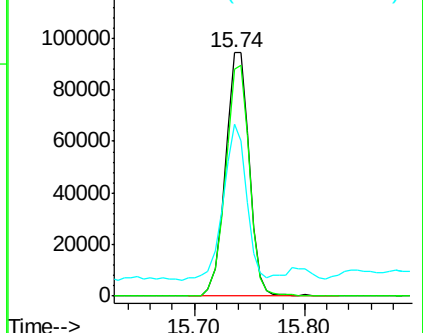
141 62.4 43.0 64.6

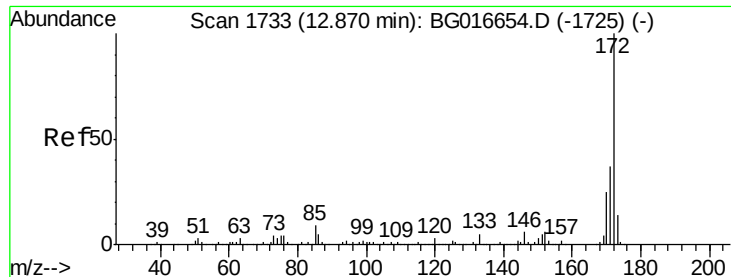


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

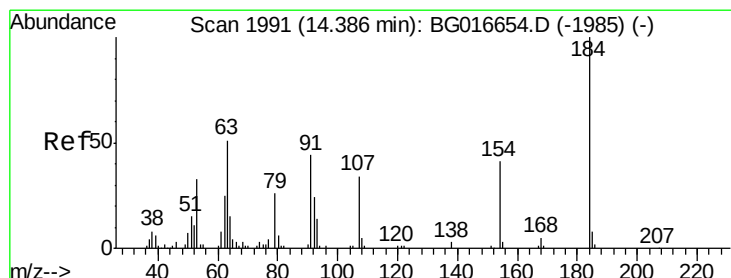
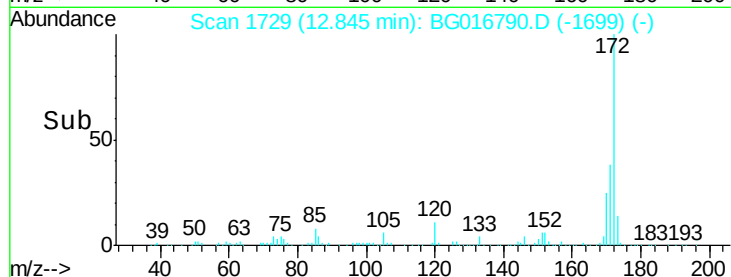
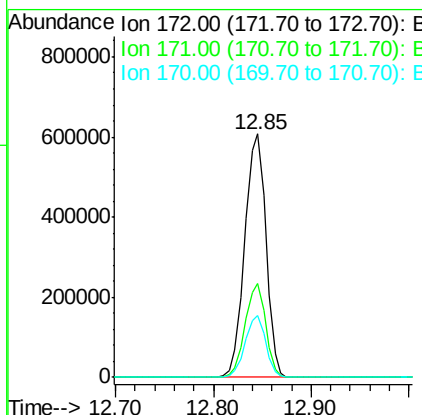
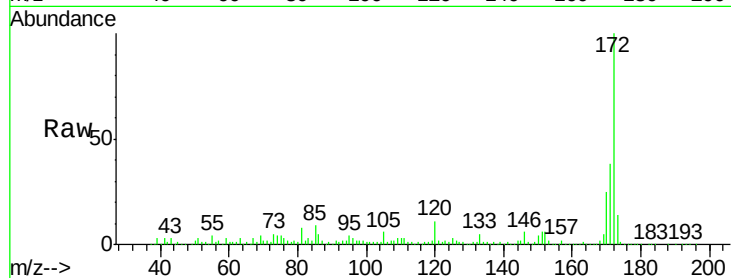




#44
2-Fluorobiphenyl
Concen: 69.91 ng
RT: 12.85 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

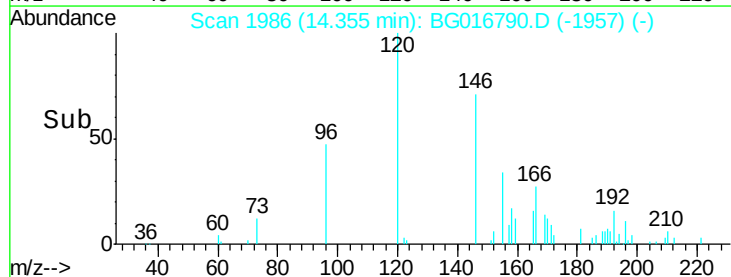
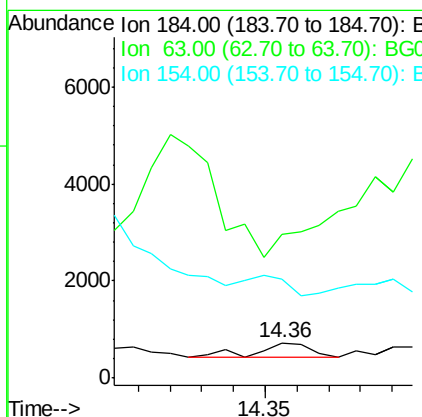
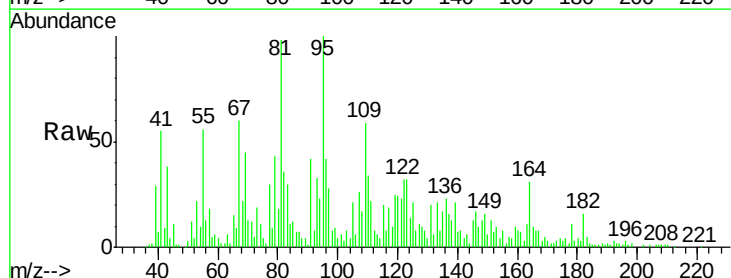
Instrument :
BNA_G
ClientSampleId :

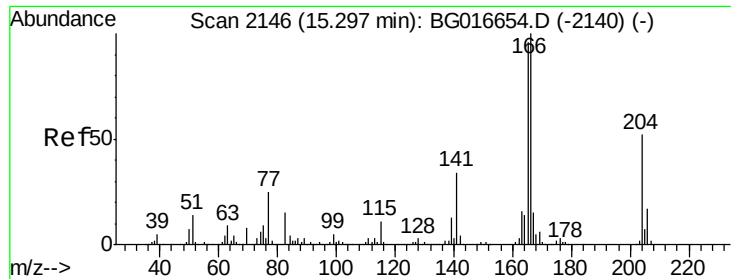
Tot Ion:172 Resp: 915924
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 25.2 19.8 29.8



#53
2,4-Dinitrophenol
Concen: 7.74 ng
RT: 14.36 min Scan# 1986
Delta R.T. -0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:184 Resp: 317
Ion Ratio Lower Upper
184 100
63 405.2 40.7 61.1#
154 278.6 34.1 51.1#

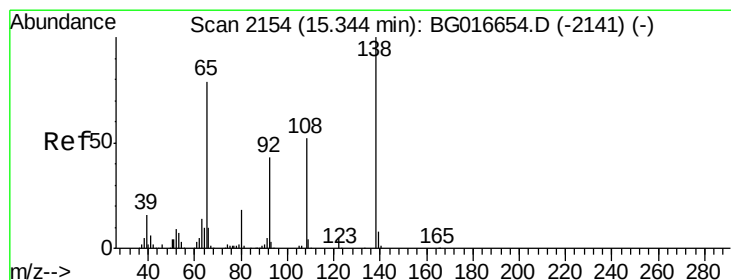
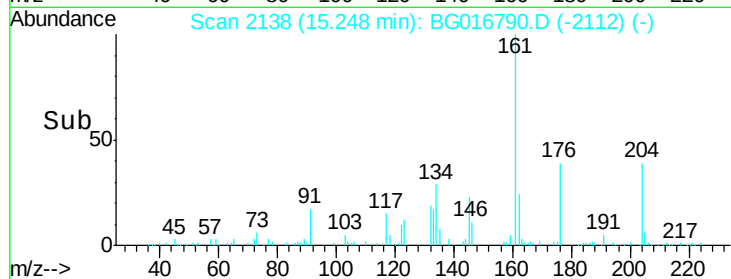
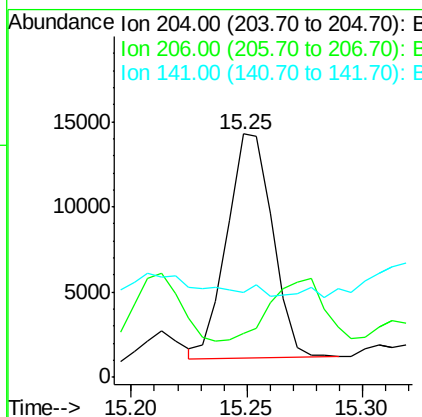
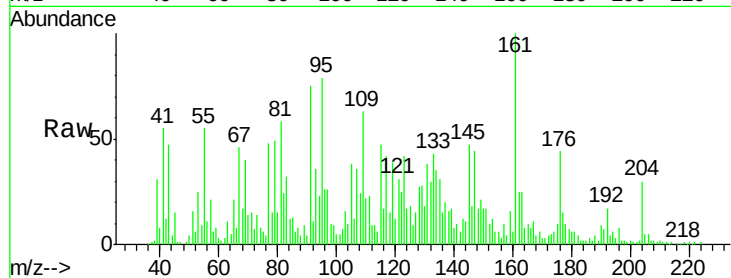




#60
4-Chlorophenyl-phenylether
Concen: 2.63 ng
RT: 15.25 min Scan# 2138
Delta R.T. -0.05 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

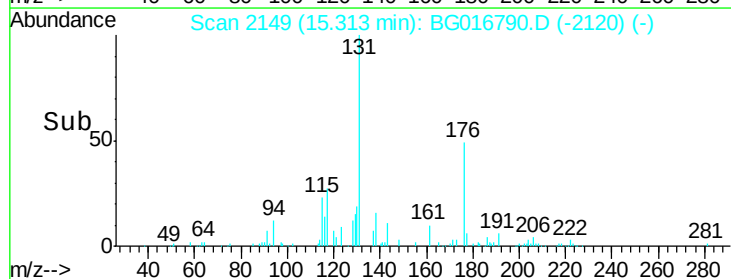
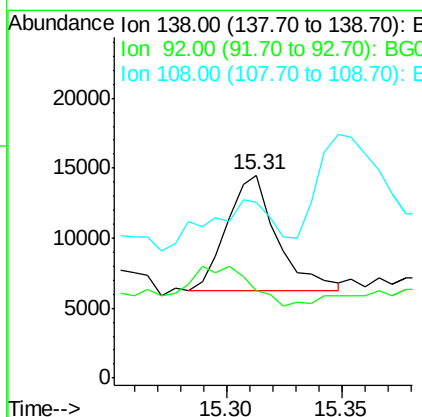
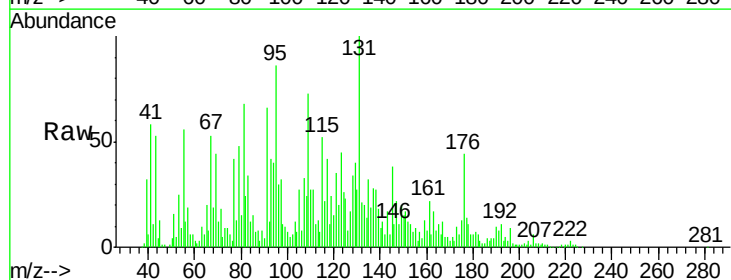
Instrument :
BNA_G
ClientSampleId :

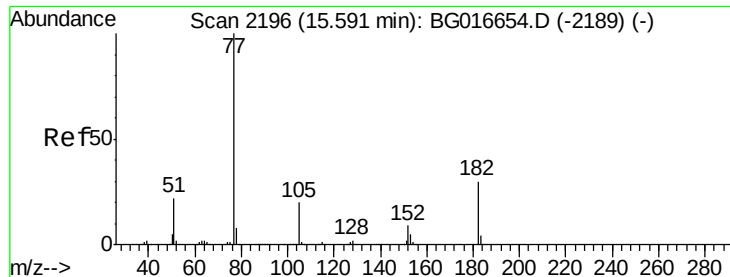
Tot Ion:204 Resp: 18063
Ion Ratio Lower Upper
204 100
206 18.3 26.2 39.4#
141 34.6 52.3 78.5#



#61
4-Nitroaniline
Concen: 2.43 ng
RT: 15.31 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:138 Resp: 12571
Ion Ratio Lower Upper
138 100
92 42.9 23.1 63.1
108 86.3 31.7 71.7#





#62

Azobenzene

Concen: 2.70 ng

RT: 15.52 min Scan# 2185

Delta R.T. -0.07 min

Lab File: BG016790.D

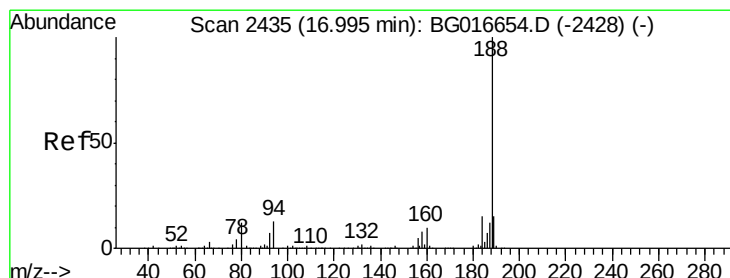
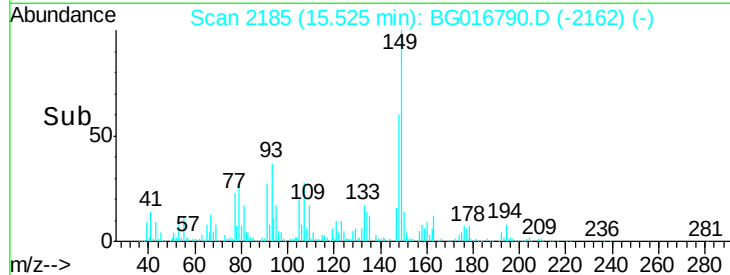
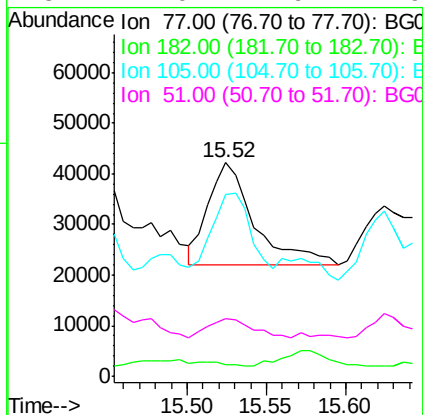
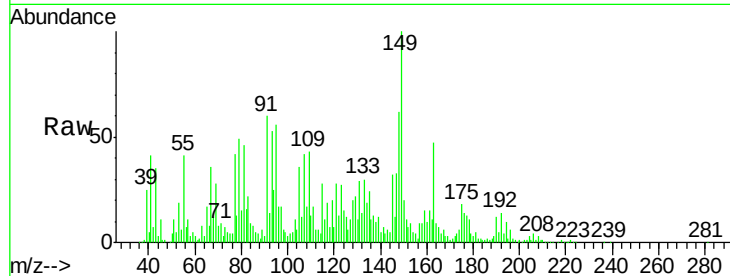
Acq: 29 Apr 2015 8:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	77	Resp:	40405
Ion	Ratio	Lower	Upper
77	100		
182	5.6	9.8	49.8#
105	85.2	0.0	39.5#
51	27.0	1.9	41.9



#63

Phenanthrene-d10

Concen: 20.00 ng

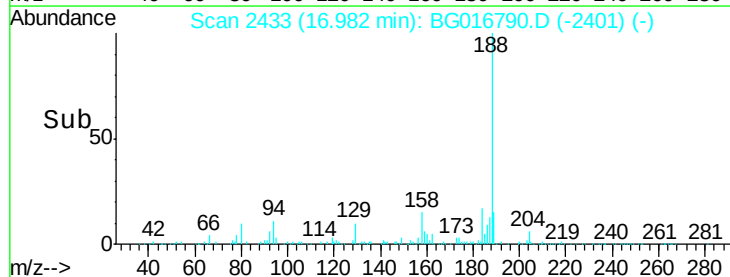
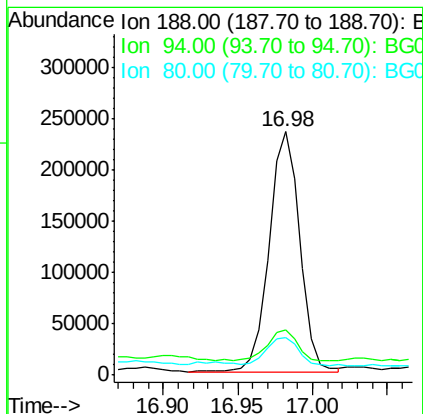
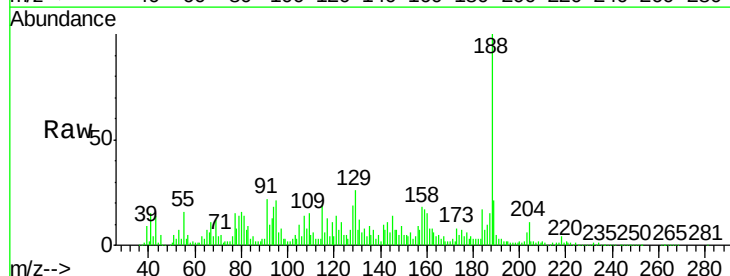
RT: 16.98 min Scan# 2433

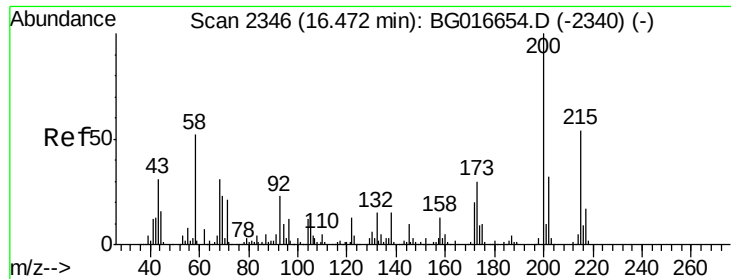
Delta R.T. -0.01 min

Lab File: BG016790.D

Acq: 29 Apr 2015 8:30

Tgt Ion:	188	Resp:	331811
Ion	Ratio	Lower	Upper
188	100		
94	18.4	10.7	16.1#
80	15.6	9.9	14.9#

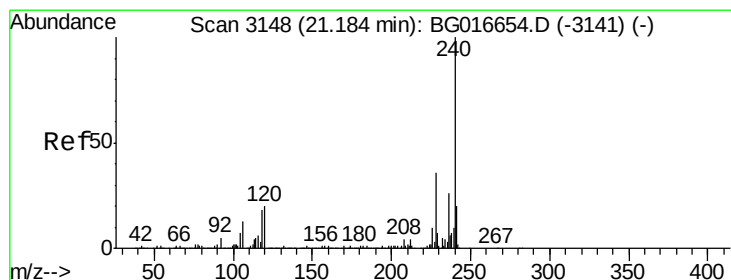
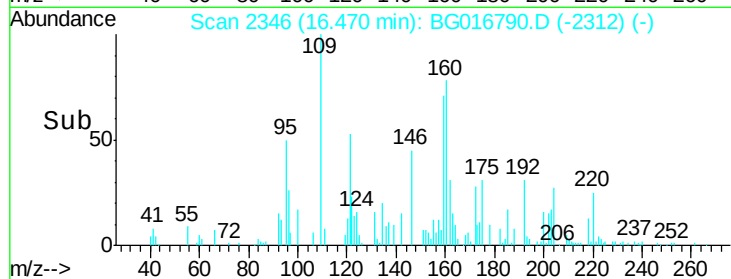
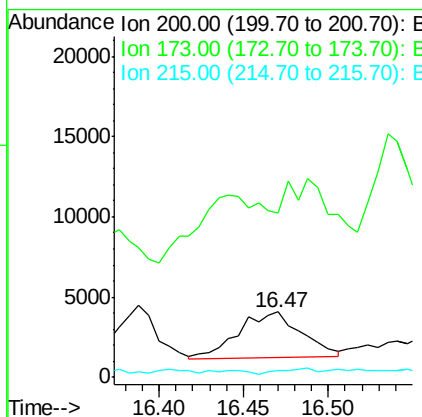
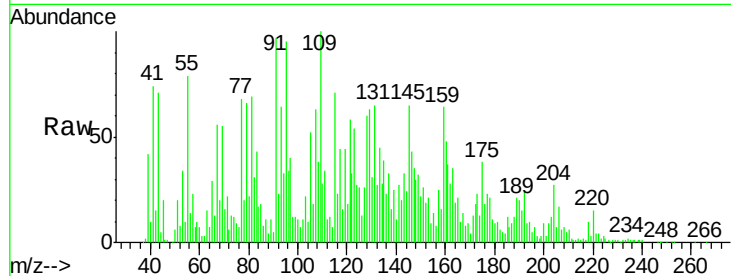




#68
 Atrazine
 Concen: 2.38 ng
 RT: 16.47 min Scan# 2346
 Delta R.T. -0.00 min
 Lab File: BG016790.D
 Acq: 29 Apr 2015 8:30

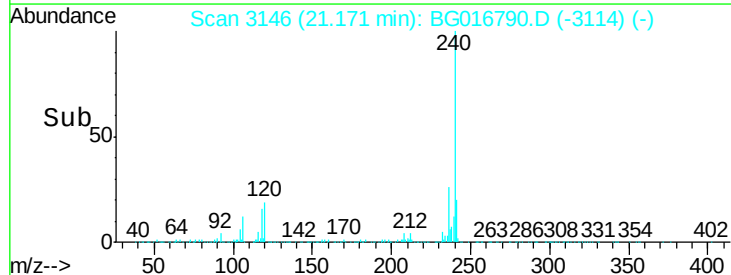
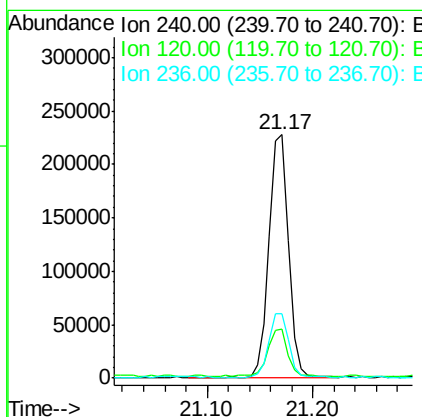
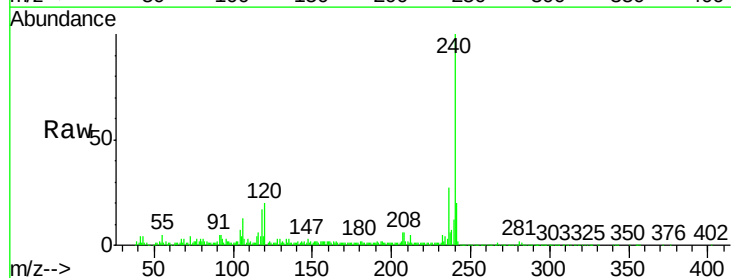
Instrument :
 BNA_G
 ClientSampled :

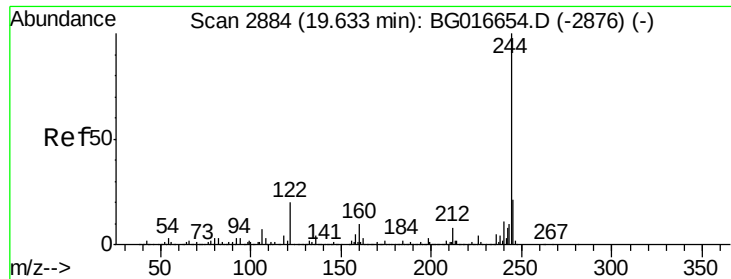
Tot Ion	Ratio	Lower	Upper
200	100		
173	250.9	9.8	49.8#
215	9.5	33.7	73.7#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG016790.D
 Acq: 29 Apr 2015 8:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.9	16.3	24.5
236	26.7	21.1	31.7





#78

Terphenyl-d14

Concen: 53.90 ng

RT: 19.62 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG016790.D

Acq: 29 Apr 2015 8:30

Instrument :

BNA_G

ClientSampleId :

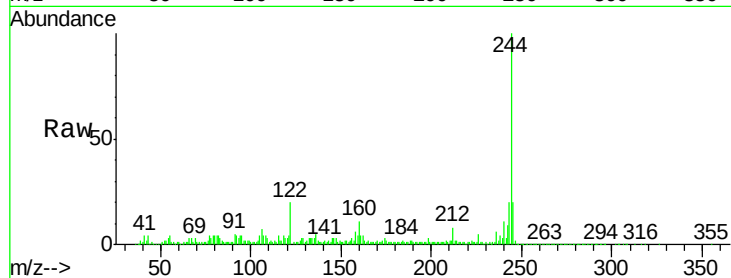
Tot Ion:244 Resp: 679069

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

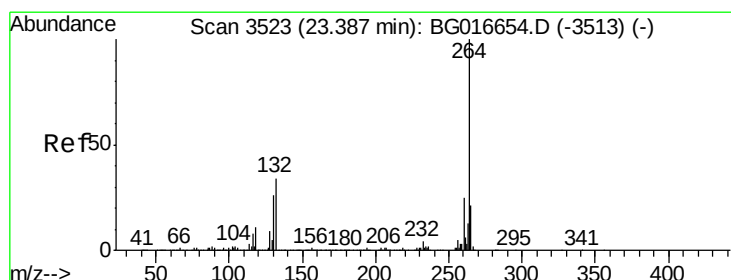
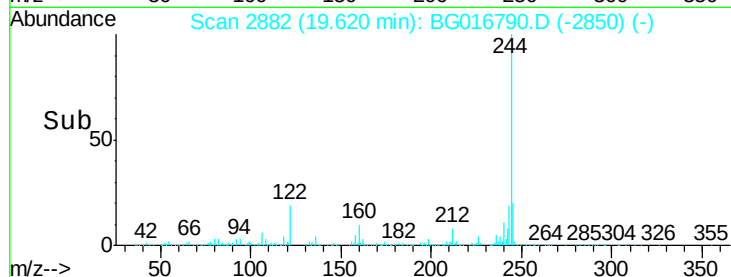
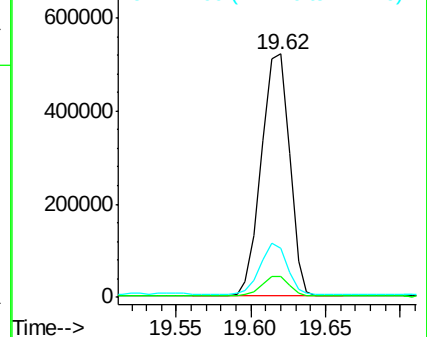
122 20.0 15.9 23.9



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: 20.00 ng

RT: 23.37 min Scan# 3520

Delta R.T. -0.02 min

Lab File: BG016790.D

Acq: 29 Apr 2015 8:30

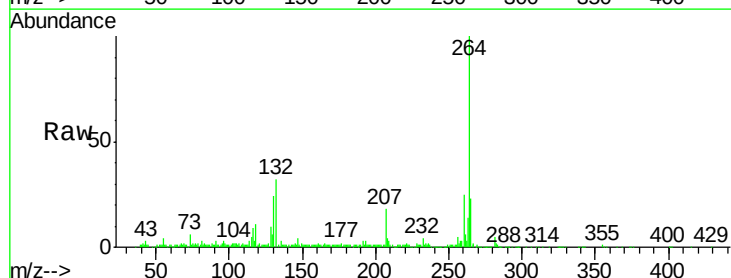
Tgt Ion:264 Resp: 274981

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 22.6 16.8 25.2



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

