

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
 Data File : BG015890.D
 Acq On : 10 Jan 2015 5:33
 Operator : TP/IZ
 Sample : G1042-07
 Misc : W
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 23:54:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

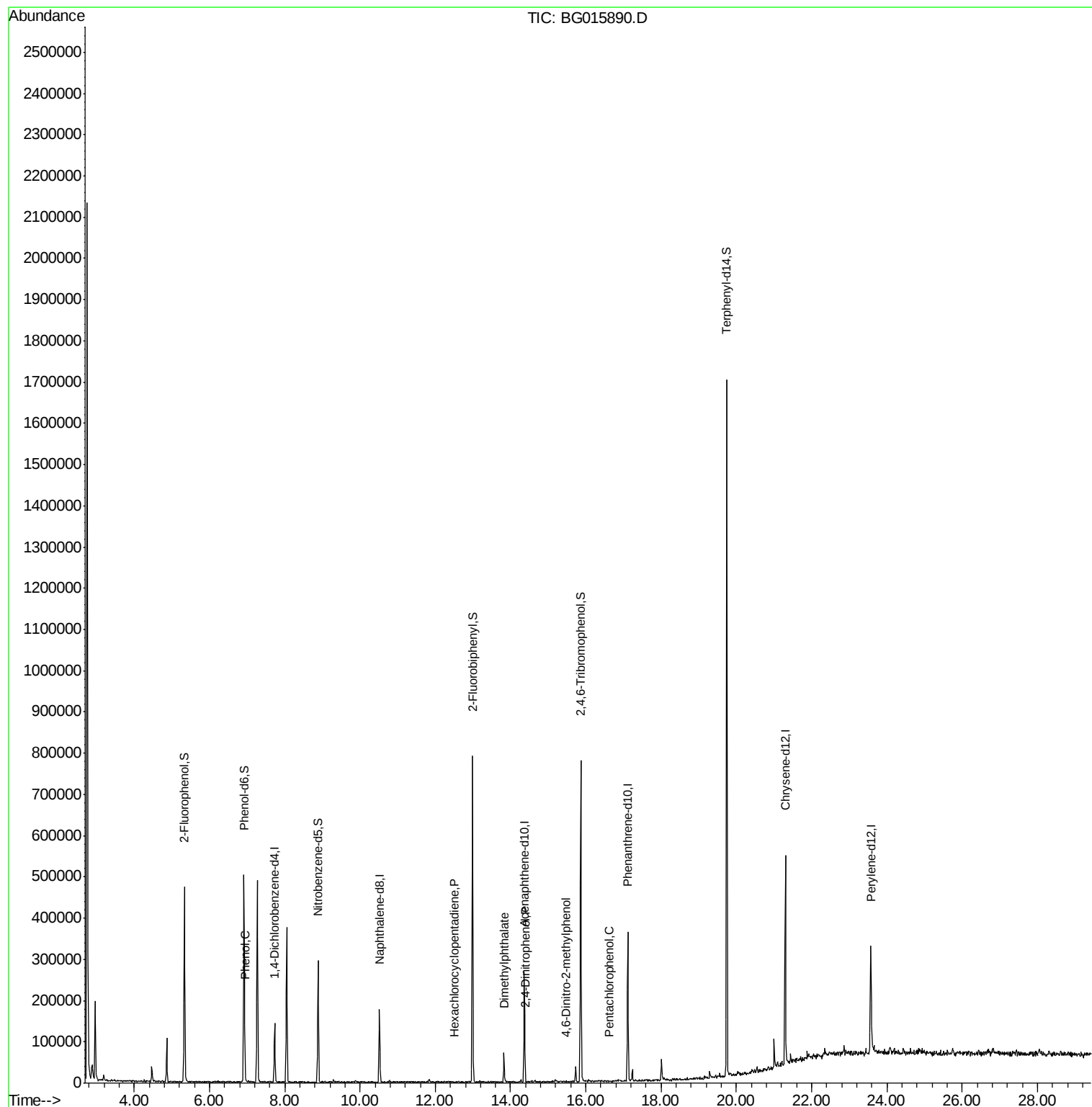
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30766	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	115782	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	90137	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	205865	20.00	ng	0.00
75) Chrysene-d12	21.30	240	287924	20.00	ng	0.00
86) Perylene-d12	23.57	264	236270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	169170	47.29	ng	0.00
7) Phenol-d6	6.92	99	248585	49.89	ng	0.00
23) Nitrobenzene-d5	8.88	82	173743	29.44	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	151043	44.08	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	355501	28.17	ng	0.00
78) Terphenyl-d14	19.74	244	687515	26.68	ng	0.00
Target Compounds						
10) Phenol	6.94	94	6280	2.32	ng	# 68
40) Hexachlorocyclopentadiene	12.51	237	54	3.06	ng	# 26
49) Dimethylphthalate	13.82	163	35028	5.27	ng	# 96
53) 2,4-Dinitrophenol	14.39	184	63	10.02	ng	# 17
64) 4,6-Dinitro-2-methylphenol	15.48	198	65	3.59	ng	# 39
69) Pentachlorophenol	16.63	266	57	3.13	ng	# 20

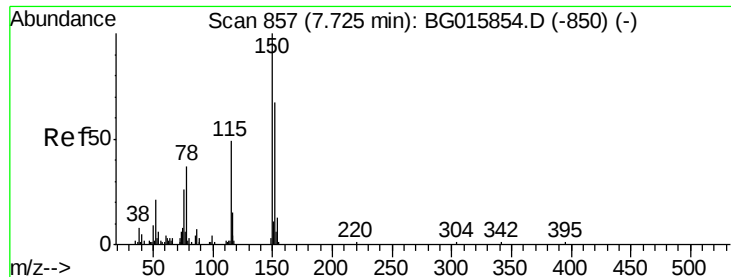
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
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Sample : G1042-07
Misc : W
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 11 23:54:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration



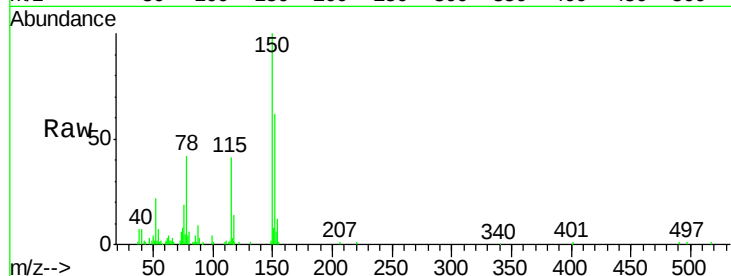


#1

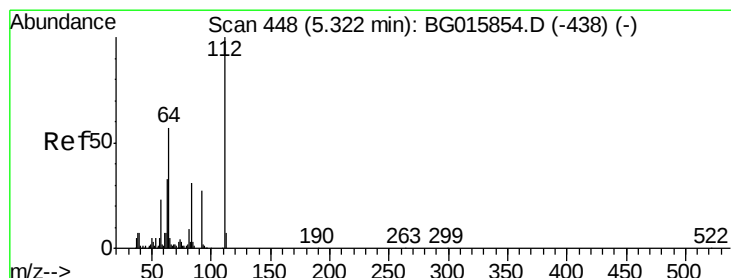
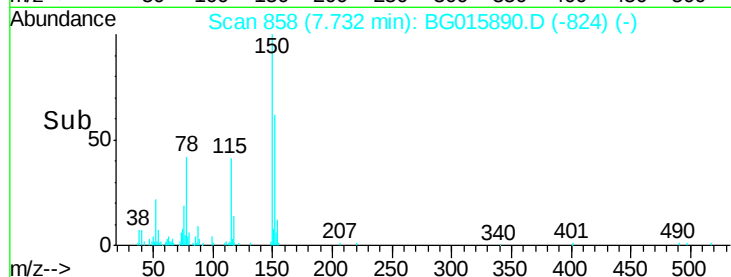
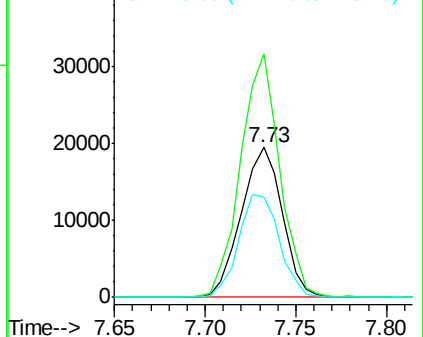
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG015890.D
Acq: 10 Jan 2015 5:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30766
Ion Ratio Lower Upper
152 100
150 162.5 120.5 180.7
115 67.3 54.0 81.0



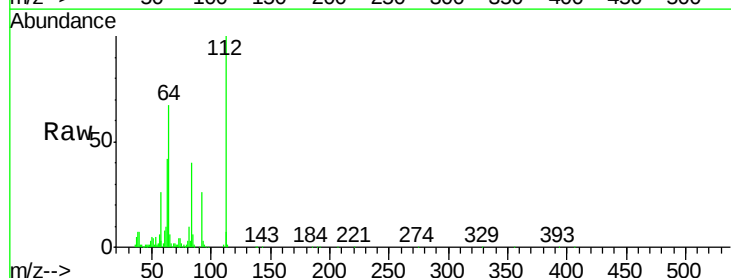
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



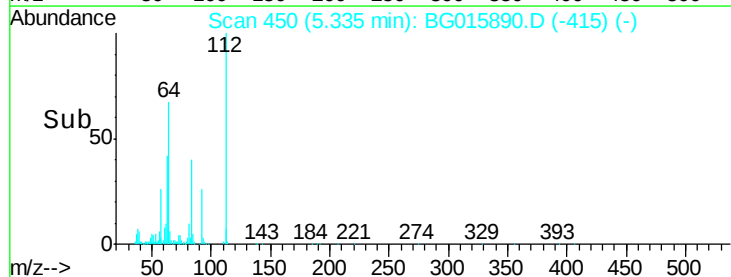
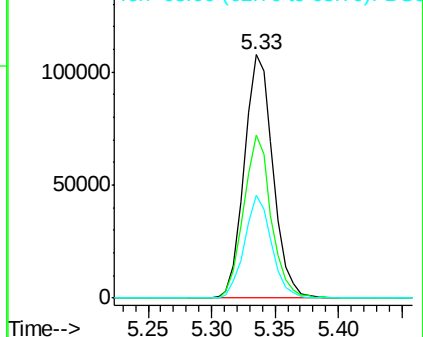
#5

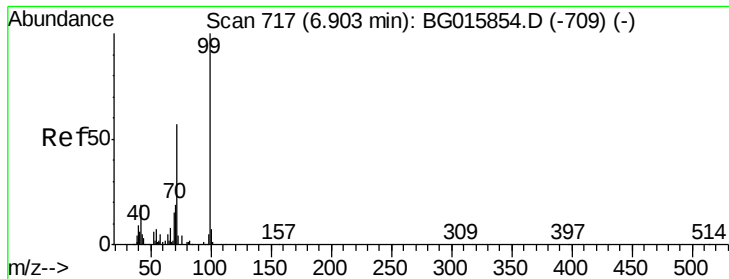
2-Fluorophenol
Concen: 47.29 ng
RT: 5.33 min Scan# 450
Delta R.T. 0.00 min
Lab File: BG015890.D
Acq: 10 Jan 2015 5:33

Tgt Ion:112 Resp: 169170
Ion Ratio Lower Upper
112 100
64 67.2 46.8 70.2
63 42.1 30.6 45.8



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: 49.89 ng

RT: 6.92 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG015890.D

Acq: 10 Jan 2015 5:33

Instrument :

BNA_G

ClientSampleId :

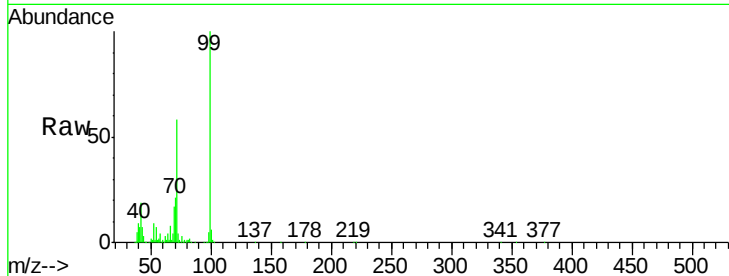
Tgt Ion: 99 Resp: 248585

Ion Ratio Lower Upper

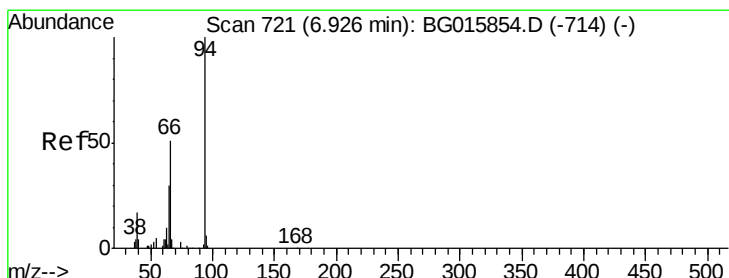
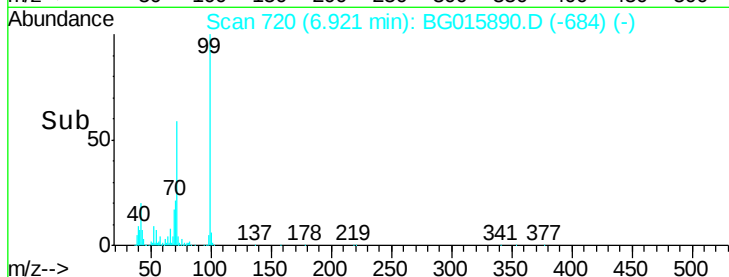
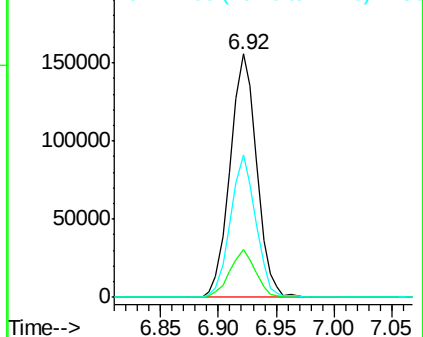
99 100

42 19.5 13.8 20.8

71 58.4 42.8 64.2



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



#10

Phenol

Concen: 2.32 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG015890.D

Acq: 10 Jan 2015 5:33

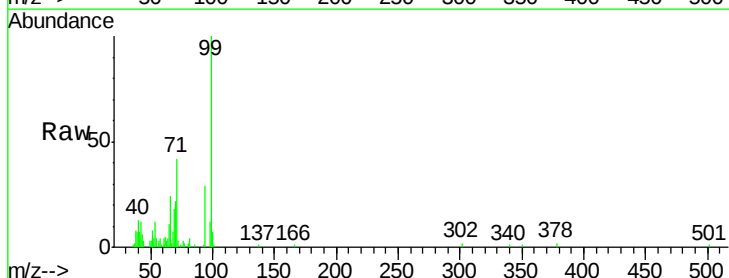
Tgt Ion: 94 Resp: 6280

Ion Ratio Lower Upper

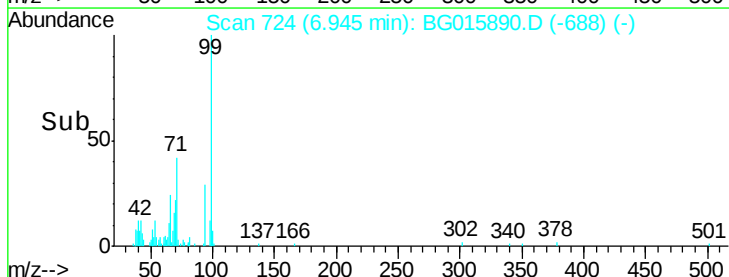
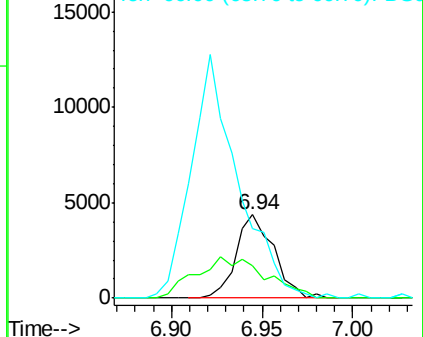
94 100

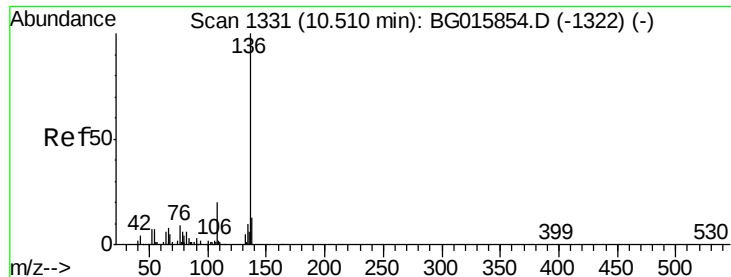
65 38.1 9.7 49.7

66 83.7 33.8 73.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

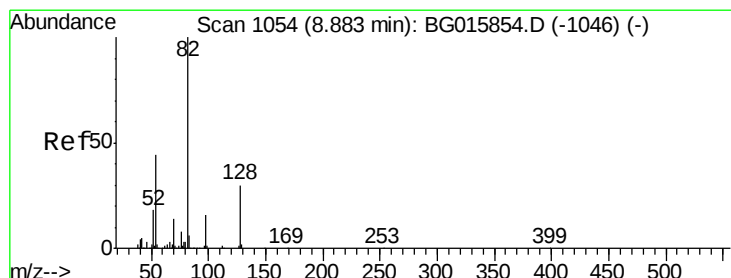
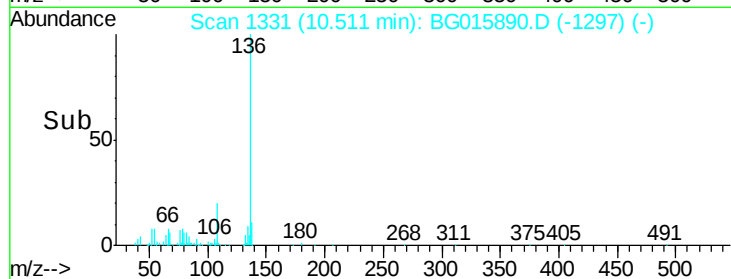
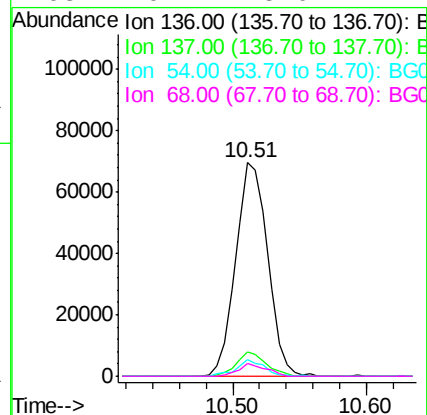
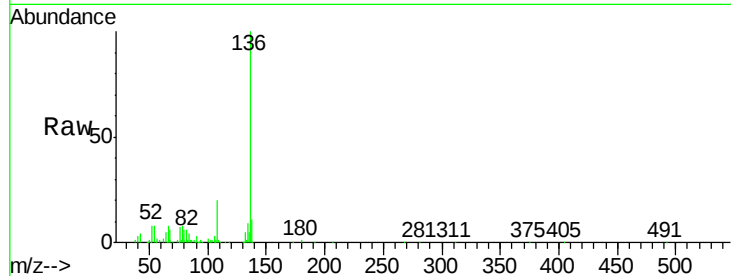




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG015890.D
Acq: 10 Jan 2015 5:33

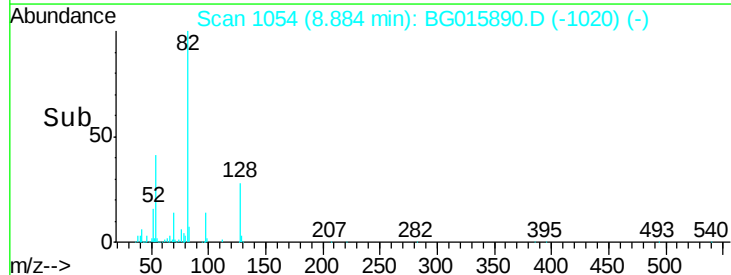
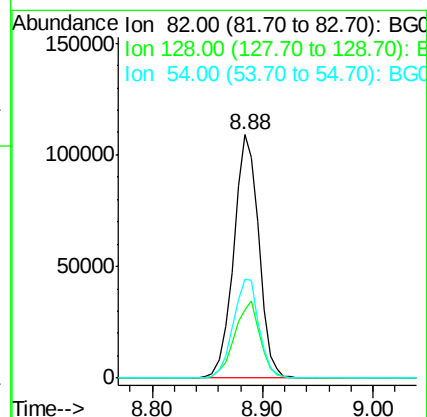
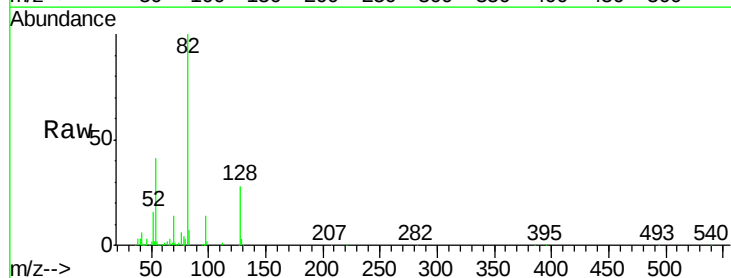
Instrument :
BNA_G
ClientSampleId :

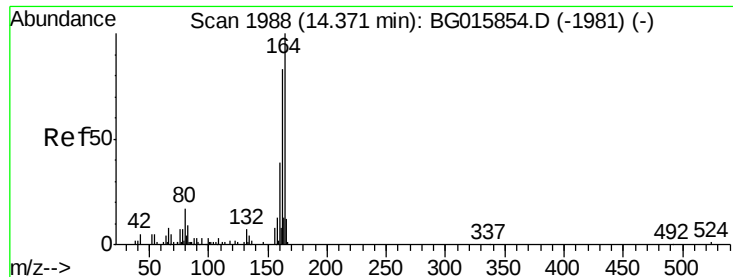
Tgt Ion:	136	Resp:	115782
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	7.9	4.5	6.7#
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 29.44 ng
RT: 8.88 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG015890.D
Acq: 10 Jan 2015 5:33

Tgt Ion:	82	Resp:	173743
Ion	Ratio	Lower	Upper
82	100		
128	28.0	23.4	35.0
54	40.8	32.3	48.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG015890.D

Acq: 10 Jan 2015 5:33

Instrument :

BNA_G

ClientSampleId :

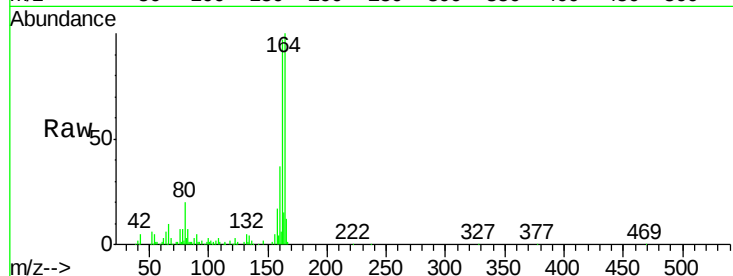
Tgt Ion:164 Resp: 90137

Ion Ratio Lower Upper

164 100

162 97.2 75.5 113.3

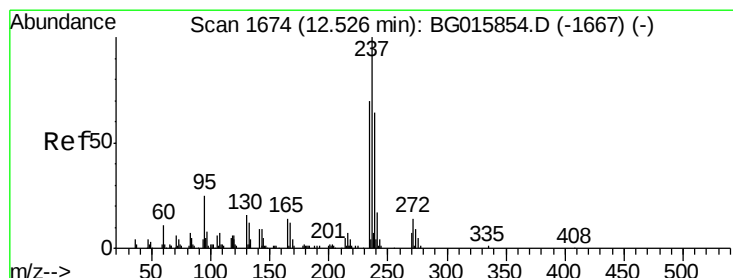
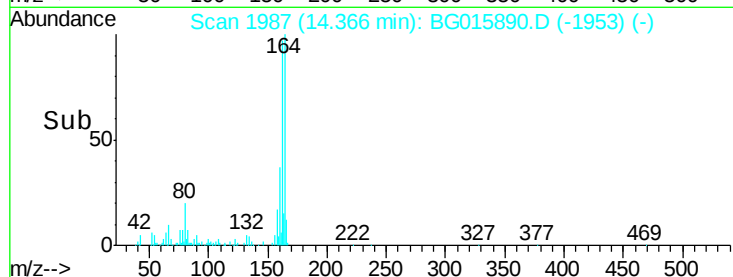
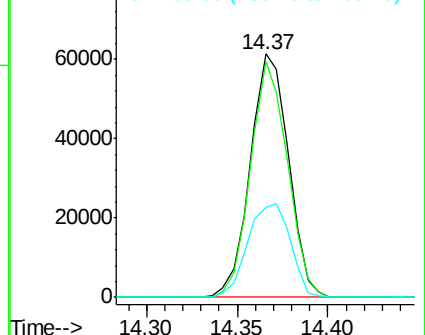
160 37.2 37.4 56.0#



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



#40

Hexachlorocyclopentadiene

Concen: 3.06 ng

RT: 12.51 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG015890.D

Acq: 10 Jan 2015 5:33

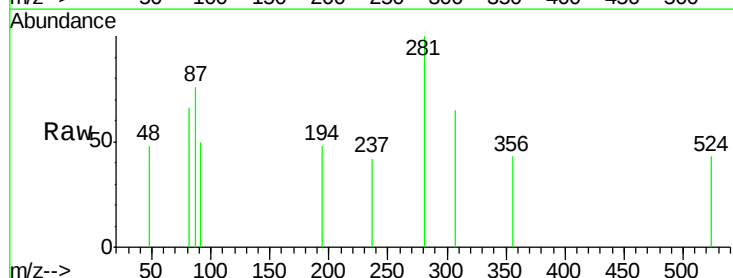
Tgt Ion:237 Resp: 54

Ion Ratio Lower Upper

237 100

235 0.0 43.2 83.2#

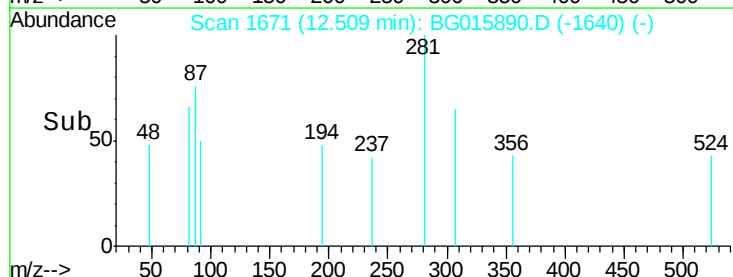
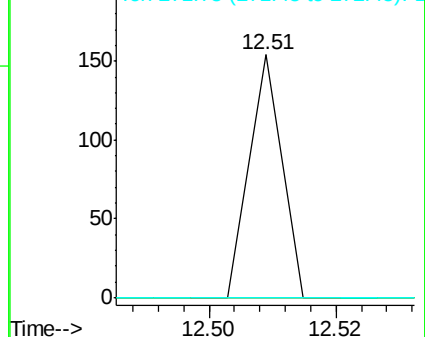
272 0.0 0.0 31.1

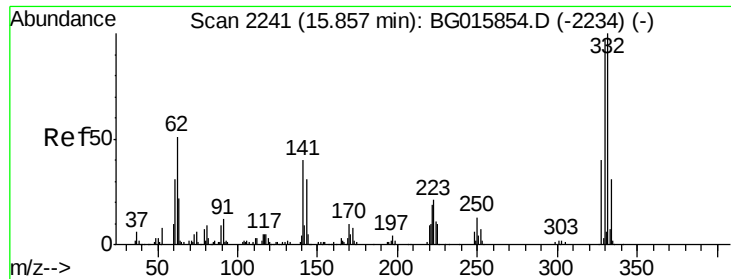


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

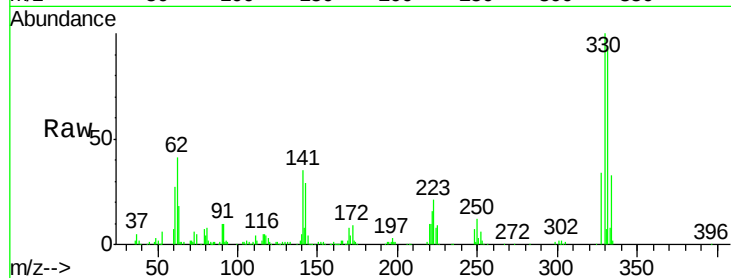




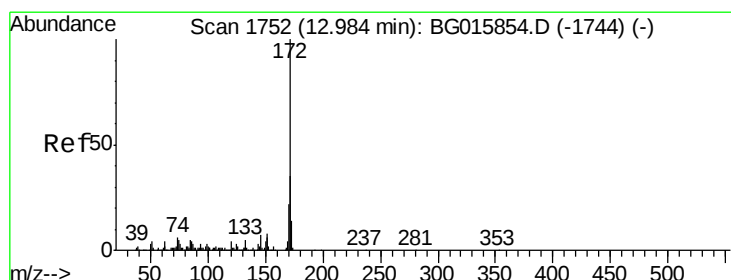
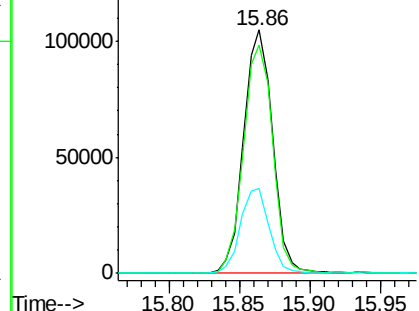
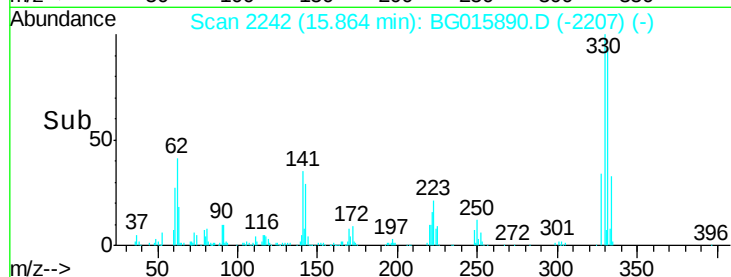
#41
 2,4,6-Tribromophenol
 Concen: 44.08 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG015890.D
 Acq: 10 Jan 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	73.8	110.8
141	34.4	27.2	40.8

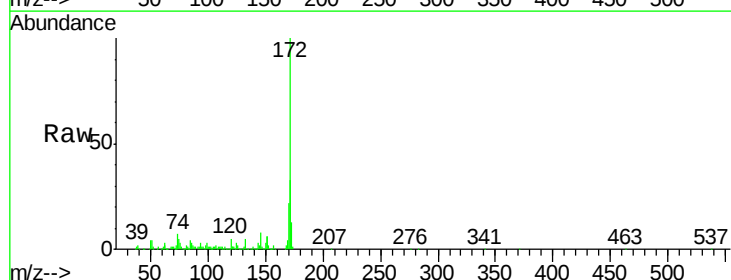


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

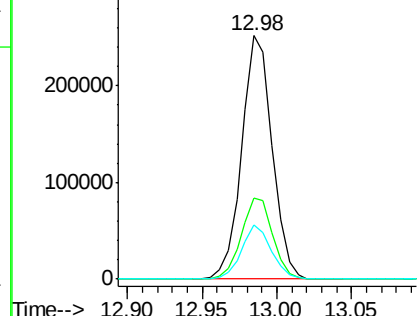
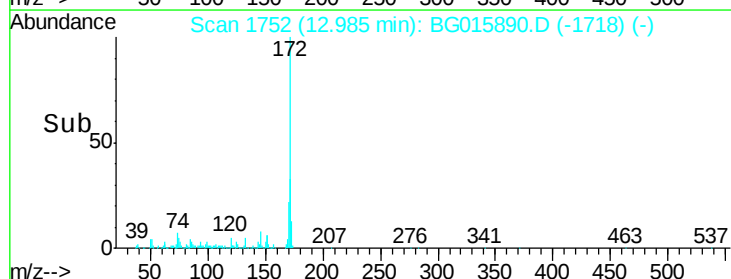


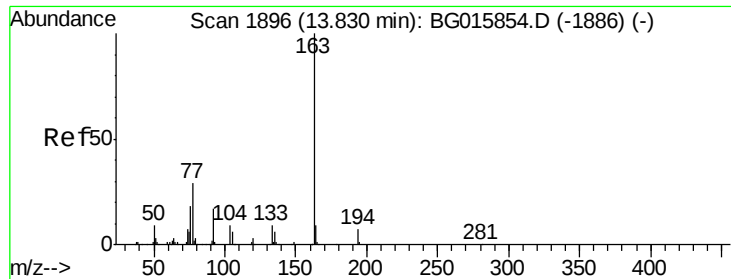
#44
 2-Fluorobiphenyl
 Concen: 28.17 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG015890.D
 Acq: 10 Jan 2015 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.6	43.0
170	22.2	18.2	27.4



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





#49

Dimethylphthalate

Concen: 5.27 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG015890.D

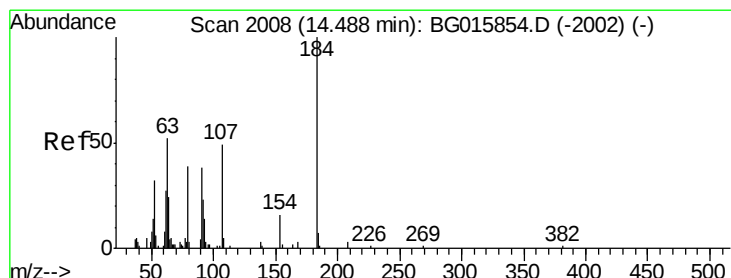
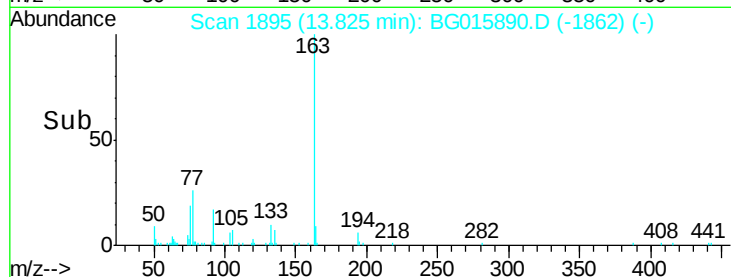
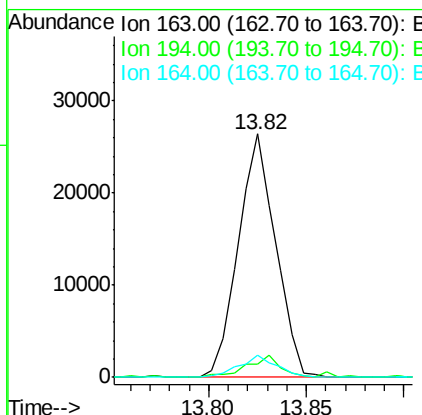
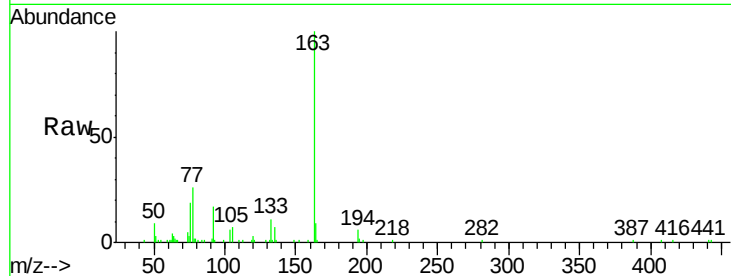
Acq: 10 Jan 2015 5:33

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	163	Resp:	35028
Ion Ratio		Lower	Upper
163	100		
194	5.6	6.7	10.1#
164	9.2	7.4	11.0



#53

2,4-Dinitrophenol

Concen: 10.02 ng

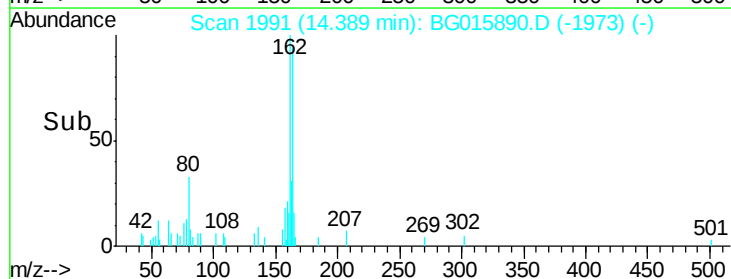
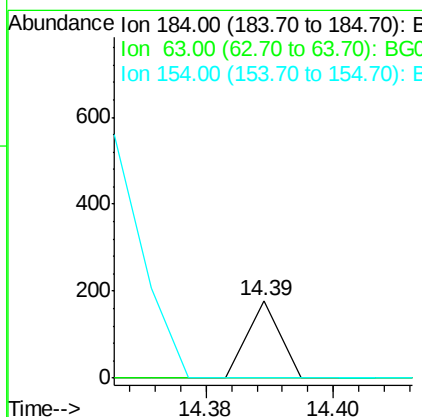
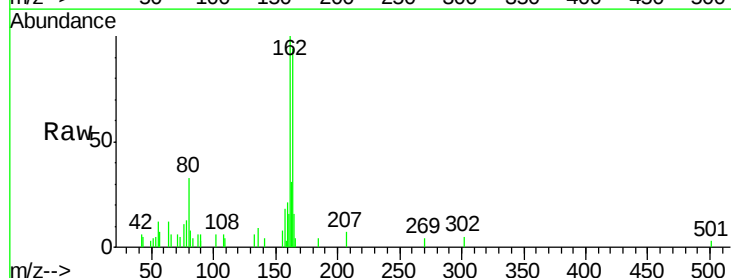
RT: 14.39 min Scan# 1991

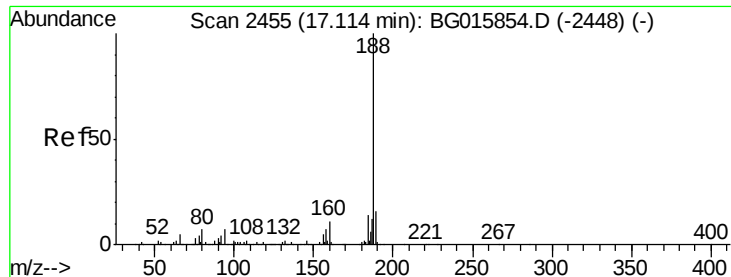
Delta R.T. -0.10 min

Lab File: BG015890.D

Acq: 10 Jan 2015 5:33

Tgt Ion:	184	Resp:	63
Ion Ratio		Lower	Upper
184	100		
63	0.0	47.3	70.9#
154	0.0	56.9	85.3#

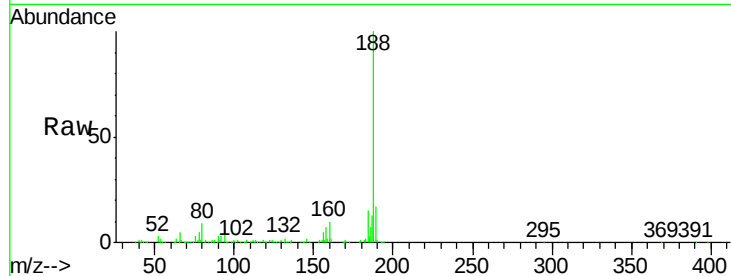




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG015890.D
Acq: 10 Jan 2015 5:33

Instrument :
BNA_G
ClientSampleId :

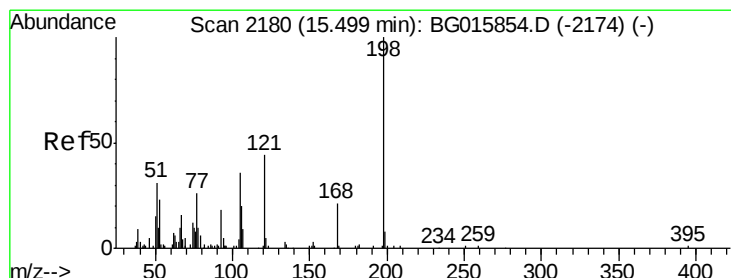
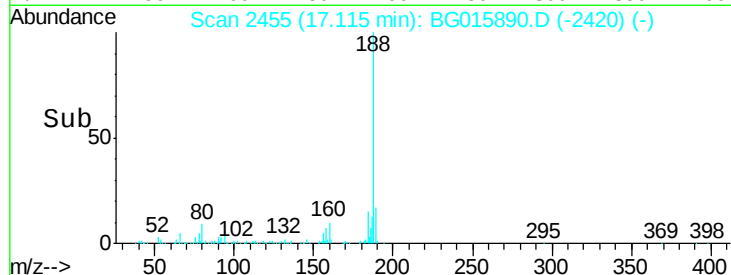
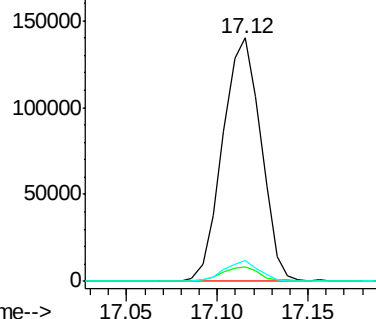
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	205865		
94	6.0		5.4	8.0
80	8.8		6.6	9.8



Abundance Ion 188.00 (187.70 to 188.70): E

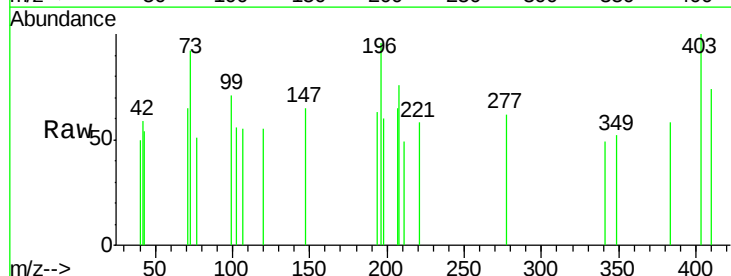
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64
4,6-Dinitro-2-methylphenol
Concen: 3.59 ng
RT: 15.48 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BG015890.D
Acq: 10 Jan 2015 5:33

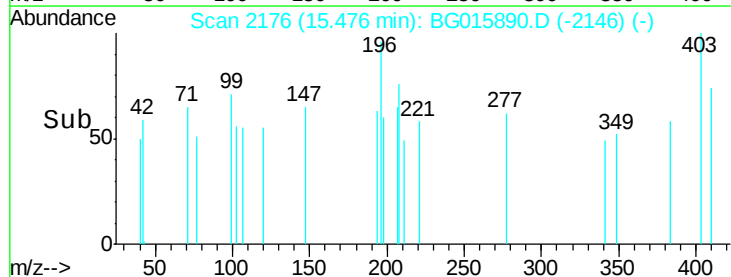
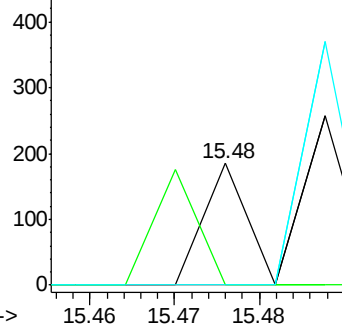
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	65		
51	0.0		13.6	53.6#
105	0.0		17.9	57.9#

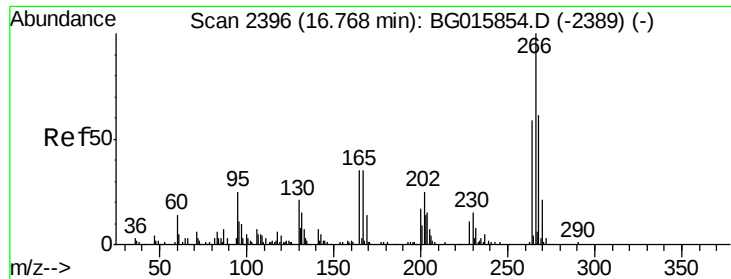


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#69

Pentachlorophenol

Concen: 3.13 ng

RT: 16.63 min Scan# 2372

Delta R.T. -0.14 min

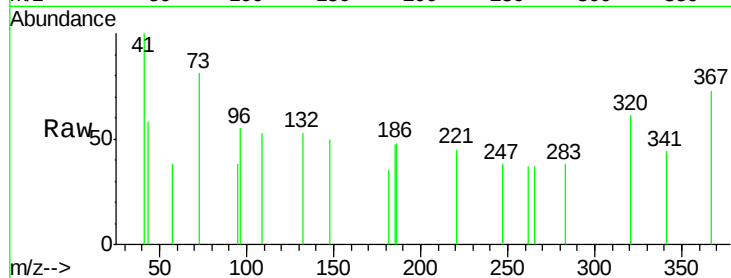
Lab File: BG015890.D

Acq: 10 Jan 2015 5:33

Instrument :

BNA_G

ClientSampleId :



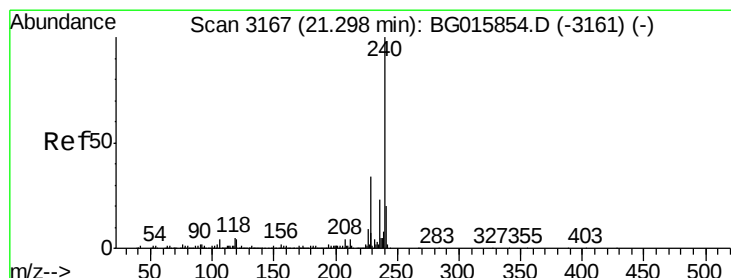
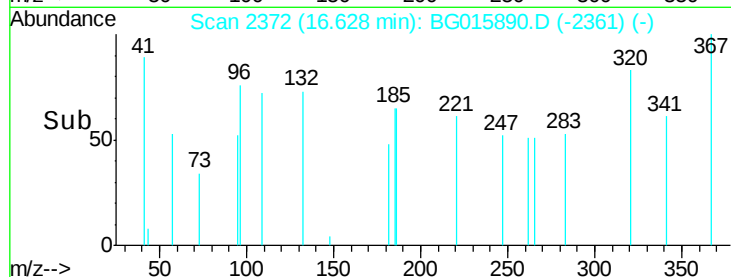
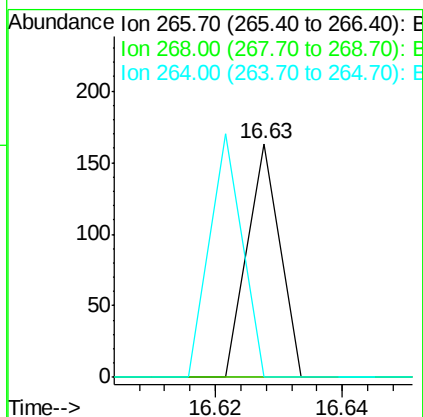
Tgt Ion:266 Resp: 57

Ion Ratio Lower Upper

266 100

268 0.0 50.2 75.2#

264 0.0 48.2 72.2#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG015890.D

Acq: 10 Jan 2015 5:33

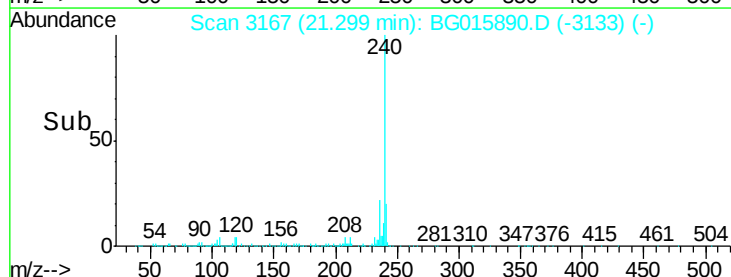
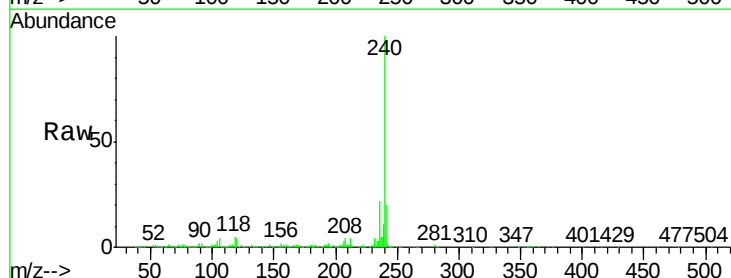
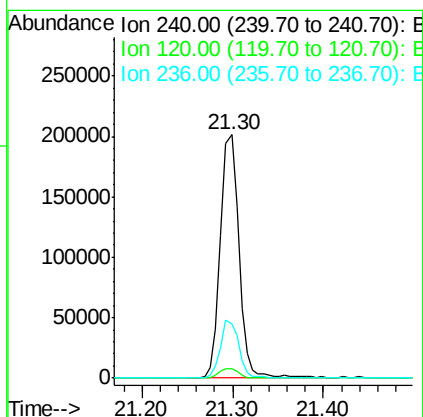
Tgt Ion:240 Resp: 287924

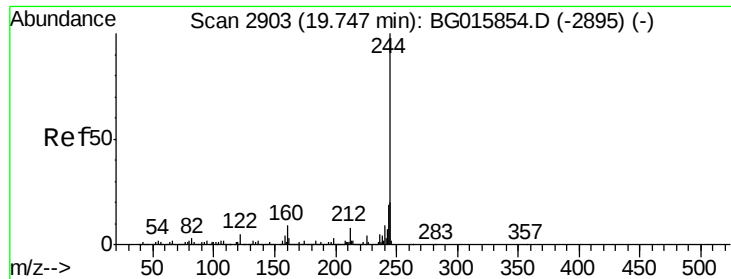
Ion Ratio Lower Upper

240 100

120 4.1 3.4 5.2

236 22.1 19.0 28.6

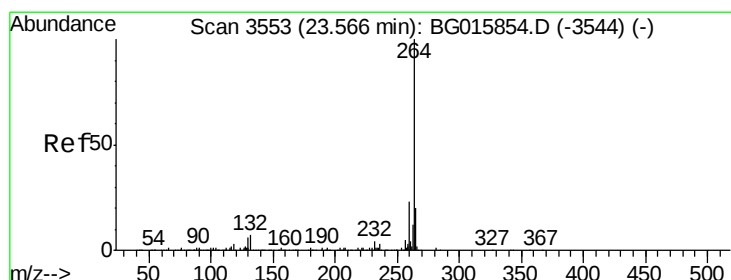
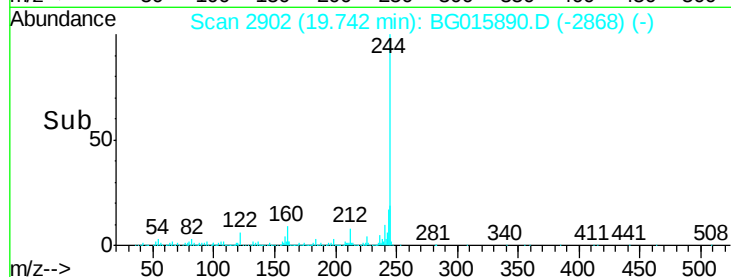
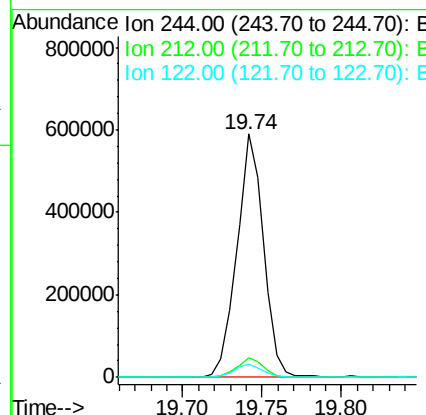
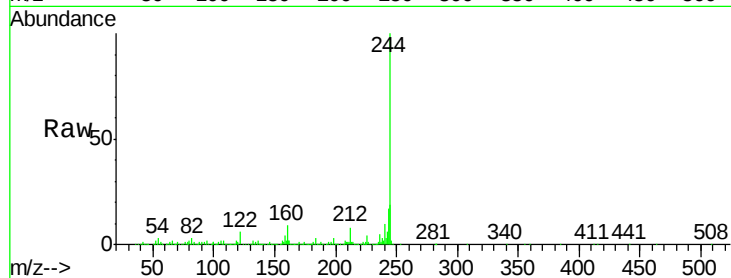




#78
 Terphenyl-d14
 Concen: 26.68 ng
 RT: 19.74 min Scan# 2902
 Delta R.T. -0.00 min
 Lab File: BG015890.D
 Acq: 10 Jan 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	5.5	4.7	7.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.57 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BG015890.D
 Acq: 10 Jan 2015 5:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.0	25.4
265	21.0	17.4	26.0

