

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017670.D
 Acq On : 13 Jun 2015 11:52
 Operator : TP/IZ
 Sample : G2627-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CMW-37

Quant Time: Jun 15 04:34:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17478	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	69714	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	52231	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	152506	20.00	ng	0.00
75) Chrysene-d12	21.16	240	227165	20.00	ng	0.00
86) Perylene-d12	23.36	264	217363	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.11	112	67621	74.93	ng	0.00
7) Phenol-d6	6.74	99	63467	48.00	ng	0.00
23) Nitrobenzene-d5	8.69	82	145604	87.67	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	142127	157.64	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	357057	94.55	ng	0.00
78) Terphenyl-d14	19.60	244	954383	87.64	ng	0.00

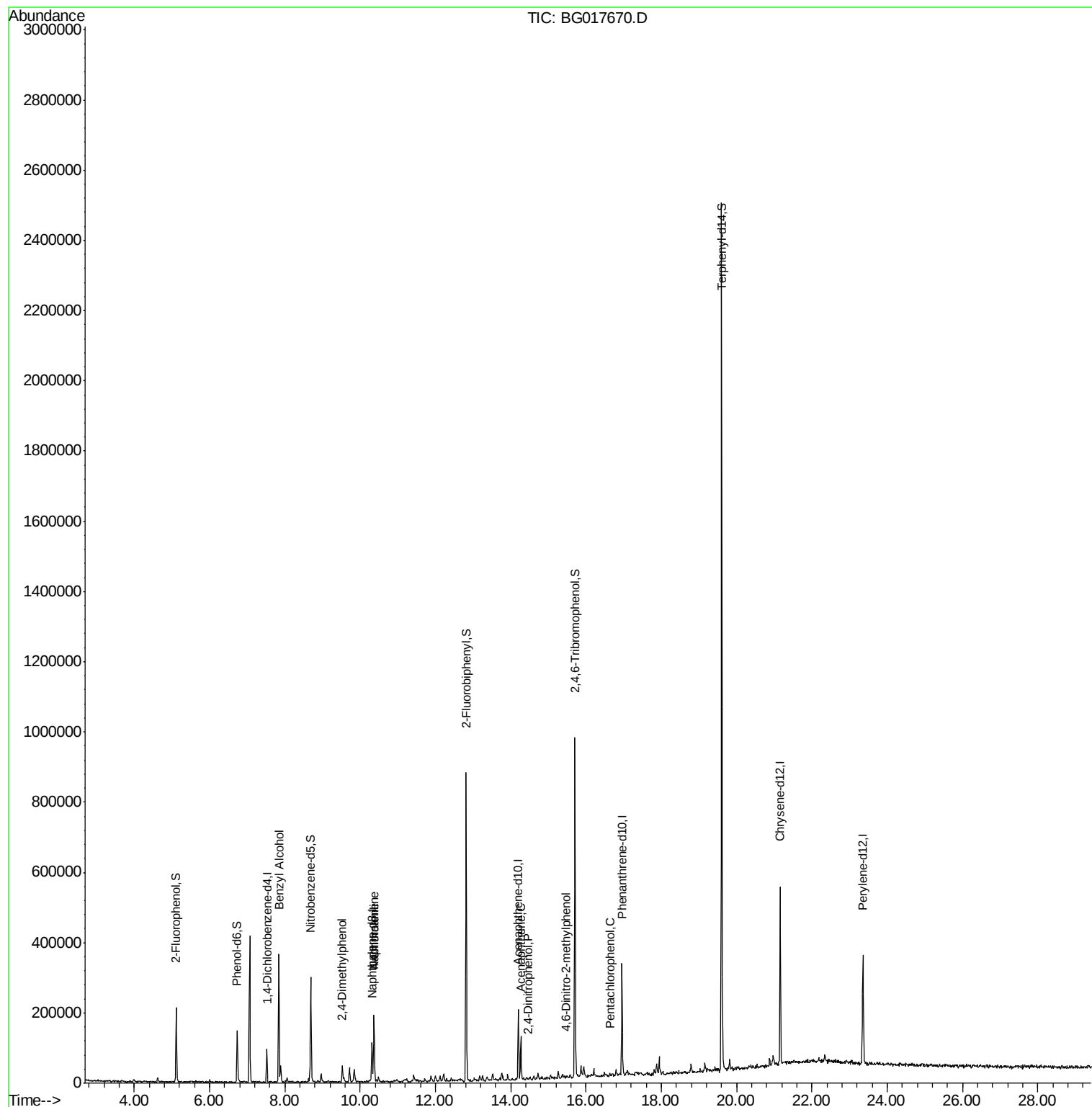
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.84	79	3761	2.58	ng	# 45
27) 2,4-Dimethylphenol	9.53	122	11349	10.20	ng	92
31) Naphthalene	10.37	128	115698	30.75	ng	# 91
33) 4-Chloroaniline	10.37	127	17994	11.68	ng	# 30
51) Acenaphthene	14.27	154	37988	11.84	ng	93
53) 2,4-Dinitrophenol	14.46	184	56	5.95	ng	# 49
64) 4,6-Dinitro-2-methylphenol	15.47	198	61	5.30	ng	# 1
69) Pentachlorophenol	16.63	266	382	6.53	ng	# 45

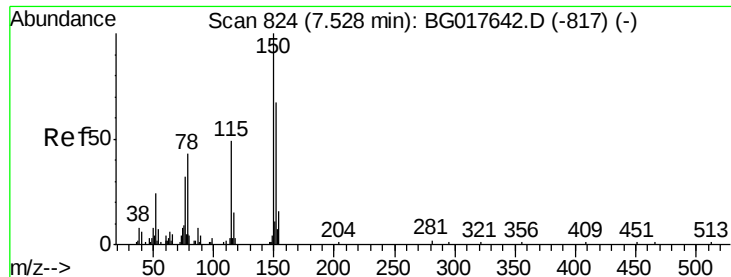
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017670.D
Acq On : 13 Jun 2015 11:52
Operator : TP/IZ
Sample : G2627-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CMW-37

Quant Time: Jun 15 04:34:47 2015
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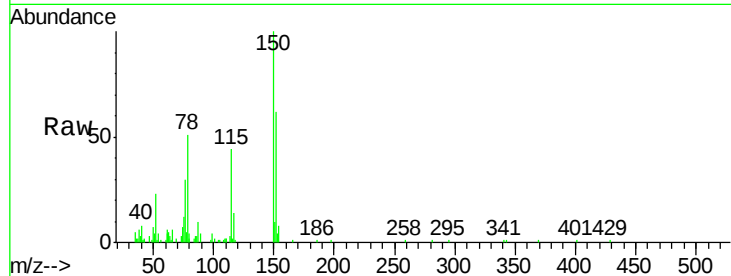


#1

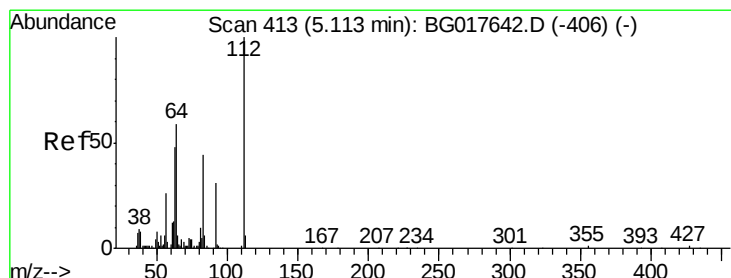
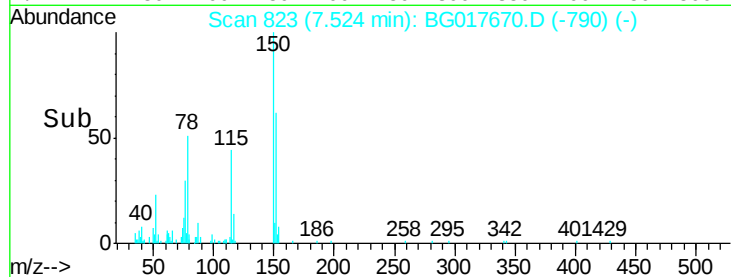
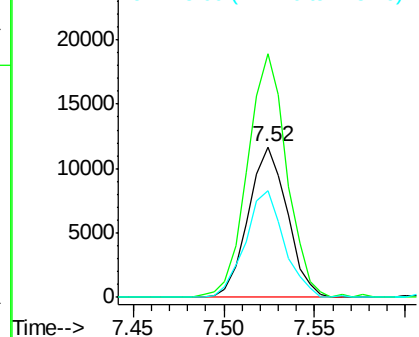
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:152 Resp: 17478
Ion Ratio Lower Upper
152 100
150 161.7 119.4 179.0
115 71.2 58.2 87.2



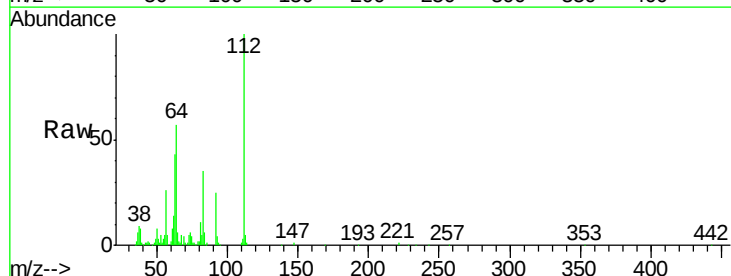
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



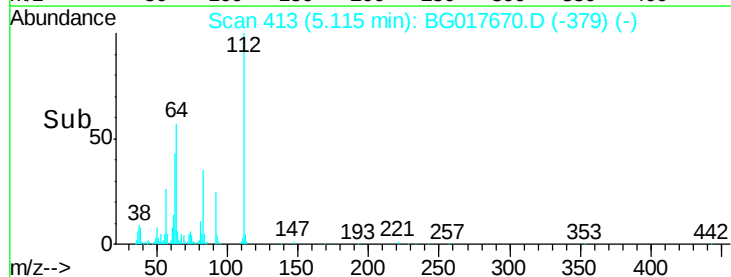
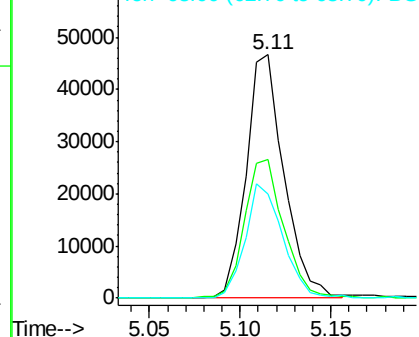
#5

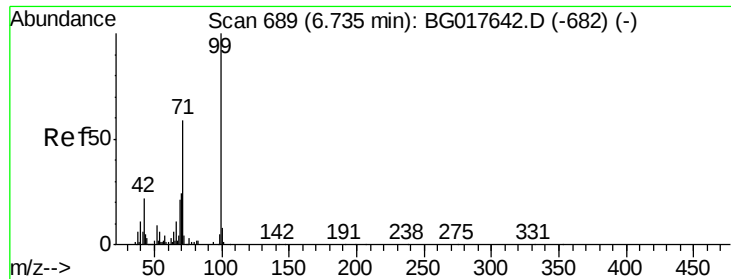
2-Fluorophenol
Concen: 74.93 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:112 Resp: 67621
Ion Ratio Lower Upper
112 100
64 56.8 47.0 70.6
63 42.8 38.6 58.0



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: 48.00 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

Instrument :

BNA_G

ClientSampleId :

CMW-37

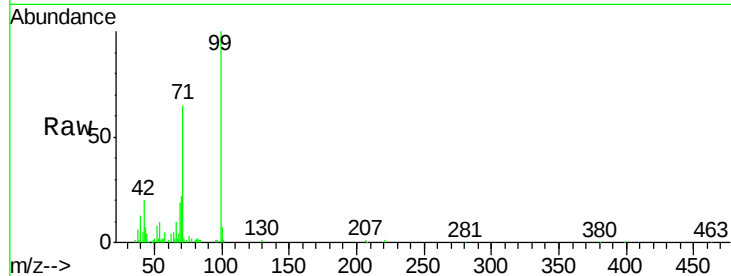
Tgt Ion: 99 Resp: 63467

Ion Ratio Lower Upper

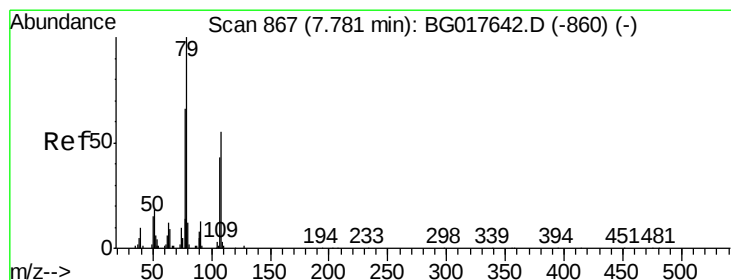
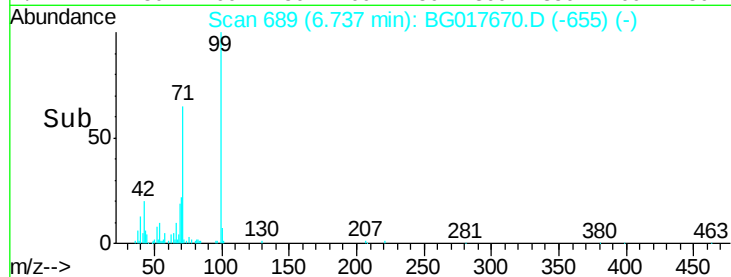
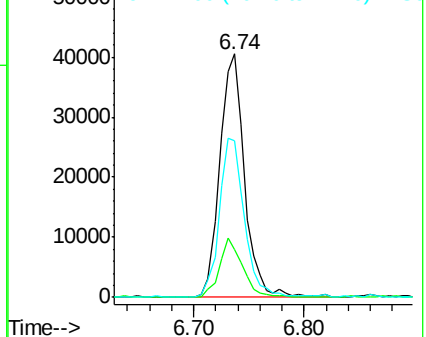
99 100

42 19.6 17.4 26.2

71 64.5 47.4 71.0



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



#15

Benzyl Alcohol

Concen: 2.58 ng

RT: 7.84 min Scan# 876

Delta R.T. 0.05 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

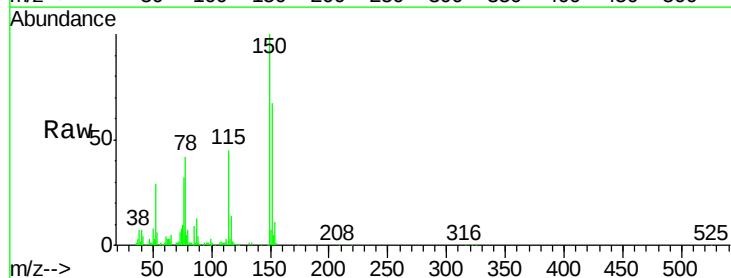
Tgt Ion: 79 Resp: 3761

Ion Ratio Lower Upper

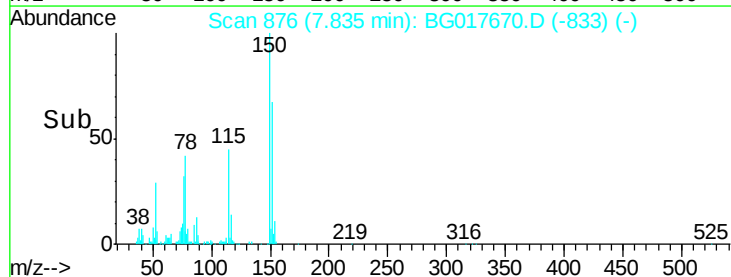
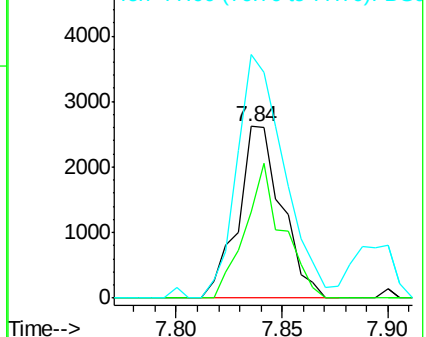
79 100

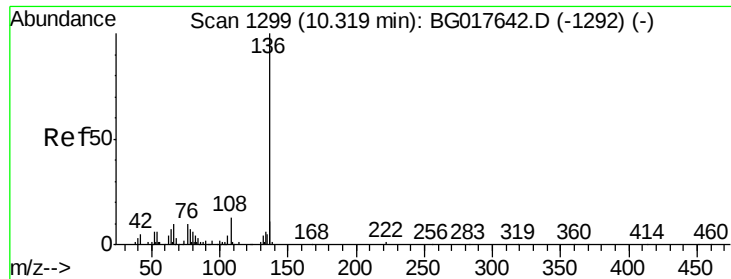
108 50.5 44.6 67.0

77 141.9 53.1 79.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

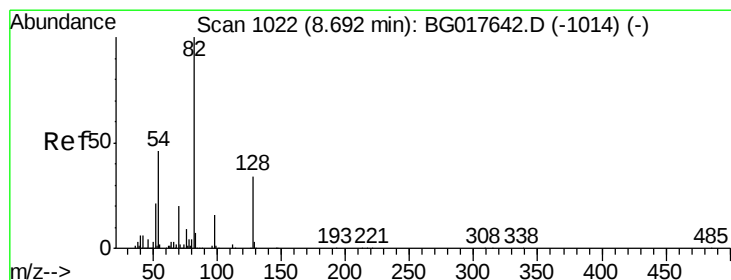
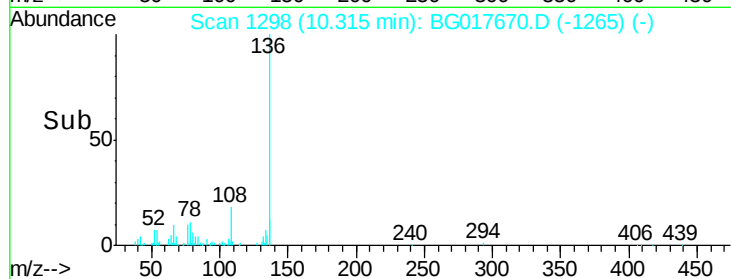
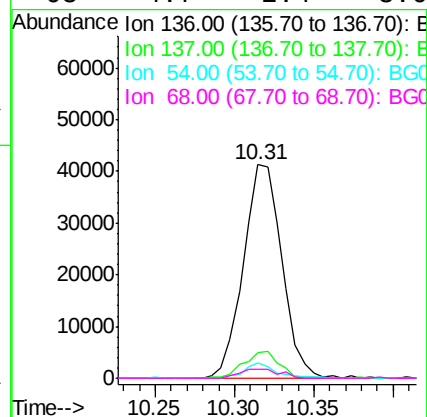
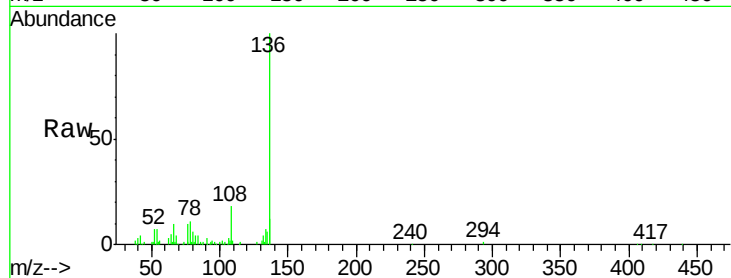




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.31 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

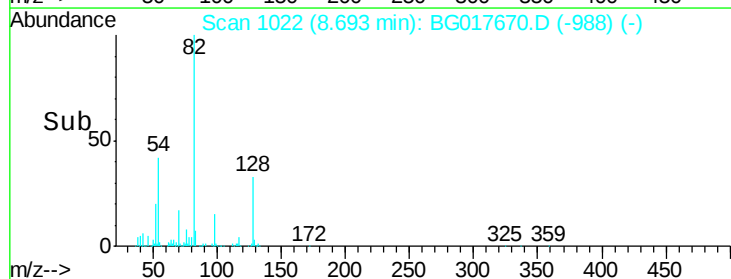
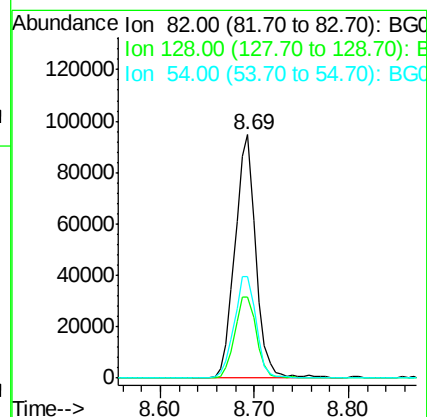
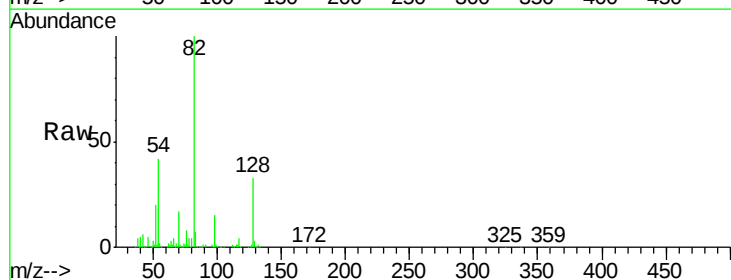
Instrument :
BNA_G
ClientSampleId :
CMW-37

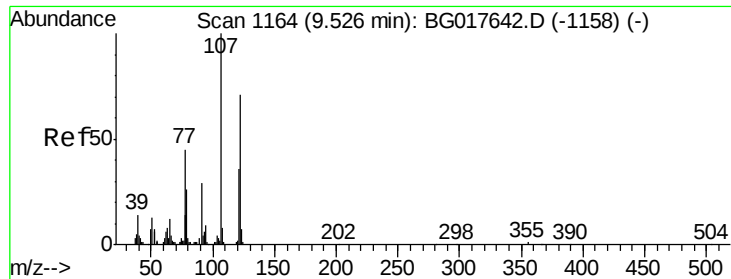
Tgt Ion:	136	Resp:	69714
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	7.7	4.7	7.1#
68	4.7	2.4	3.6#



#23
Nitrobenzene-d5
Concen: 87.67 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:	82	Resp:	145604
Ion	Ratio	Lower	Upper
82	100		
128	33.5	27.3	40.9
54	41.7	37.0	55.4

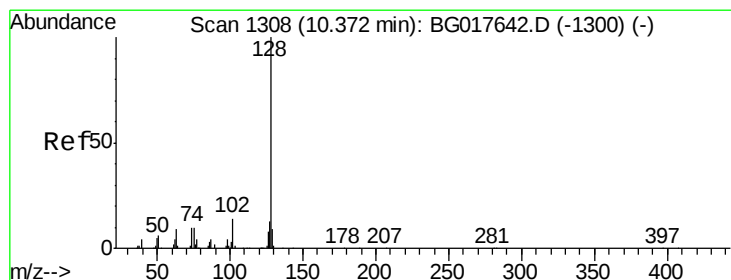
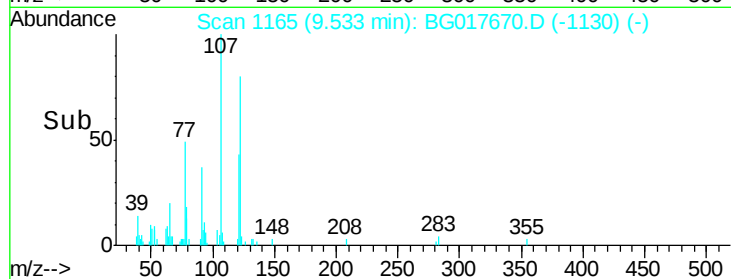
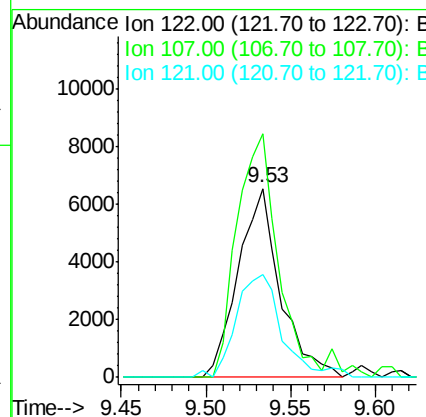
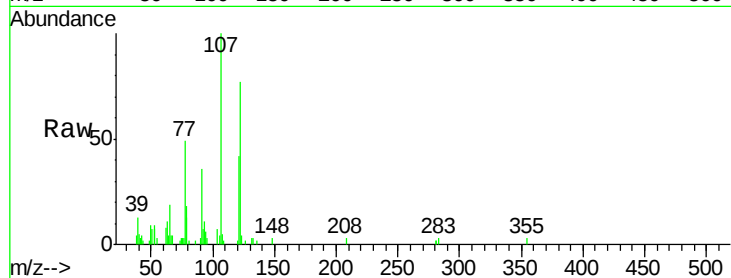




#27
2,4-Dimethylphenol
Concen: 10.20 ng
RT: 9.53 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

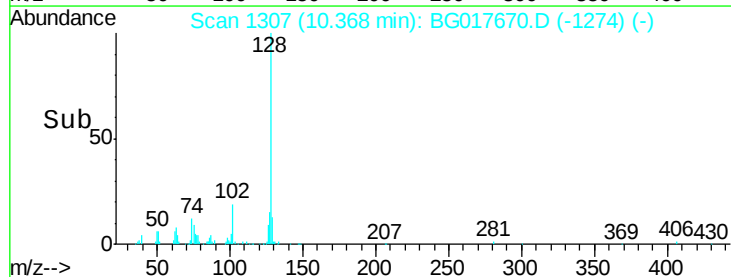
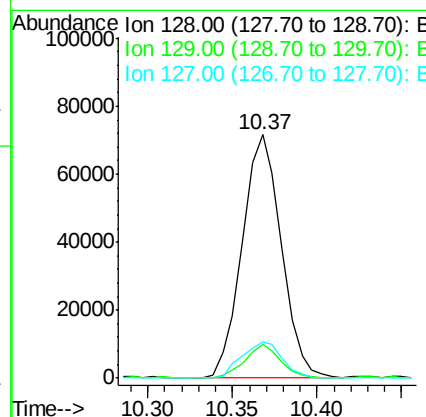
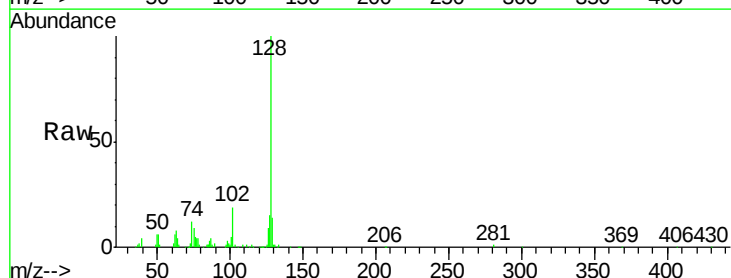
Instrument :
BNA_G
ClientSampled :
CMW-37

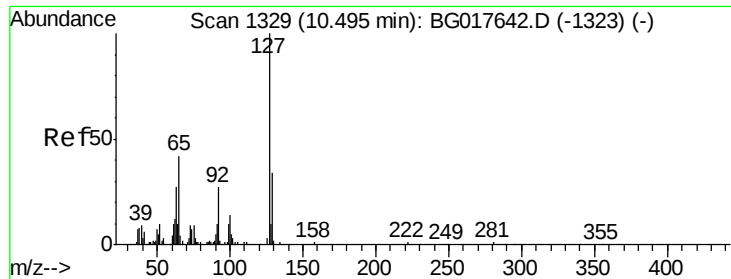
Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.1	112.3	168.5
121	54.2	41.0	61.4



#31
Naphthalene
Concen: 30.75 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.7	7.0	10.4#
127	15.1	10.2	15.2

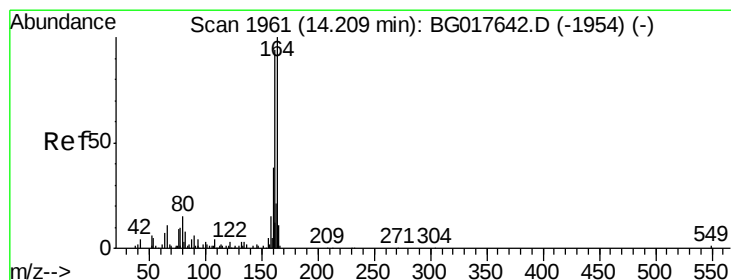
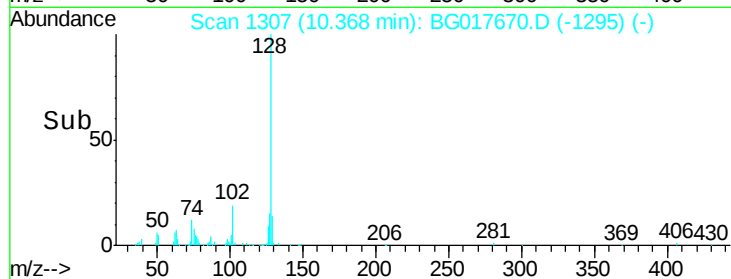
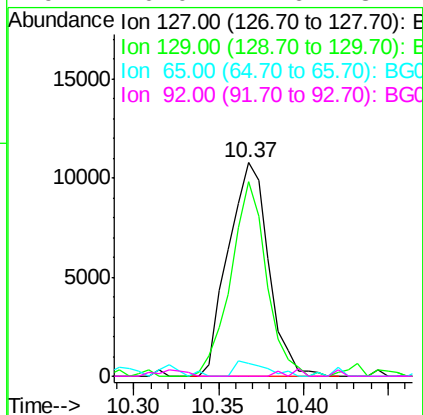
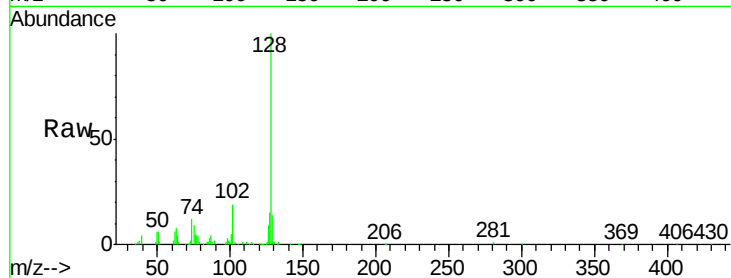




#33
4-Chloroaniline
Concen: 11.68 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.13 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

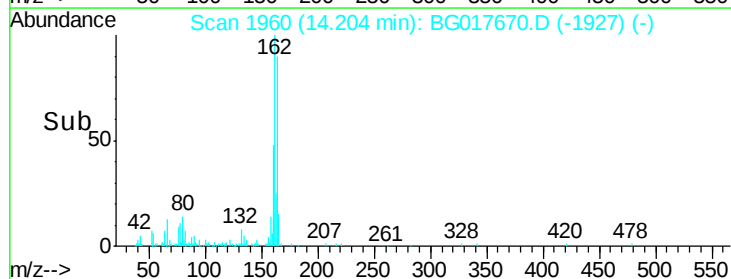
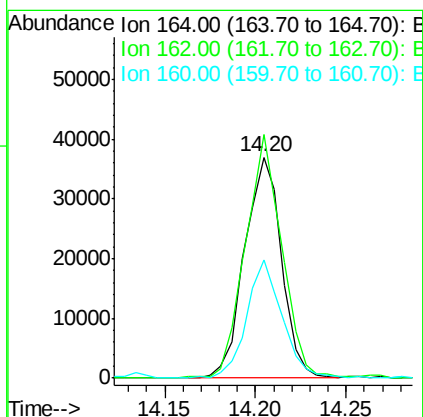
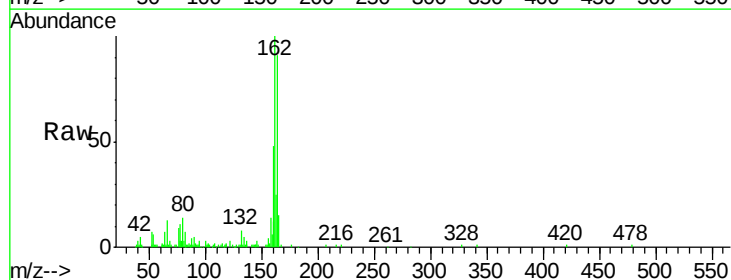
Instrument :
BNA_G
ClientSampleId :
CMW-37

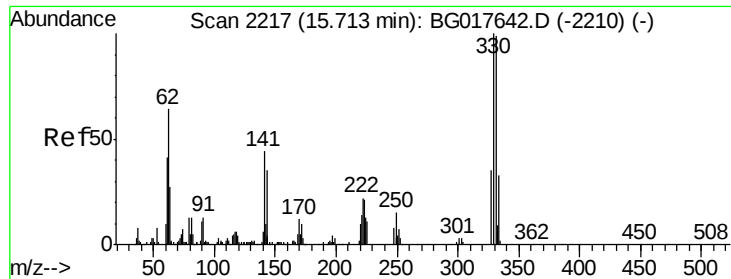
Tgt Ion	Ratio	Lower	Upper
127	100		
129	91.0	27.4	41.2#
65	5.9	33.8	50.8#
92	0.0	21.6	32.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.1	75.0	112.4
160	53.3	30.3	45.5#

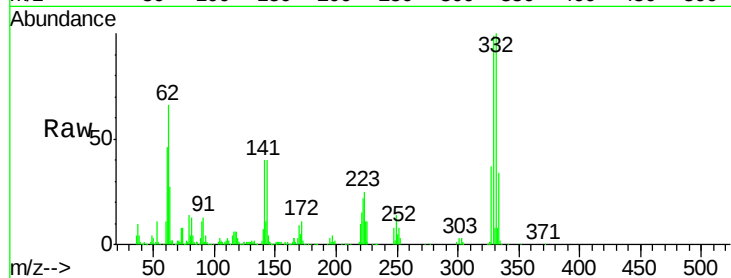




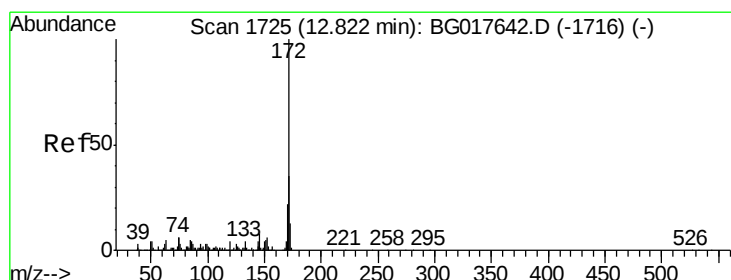
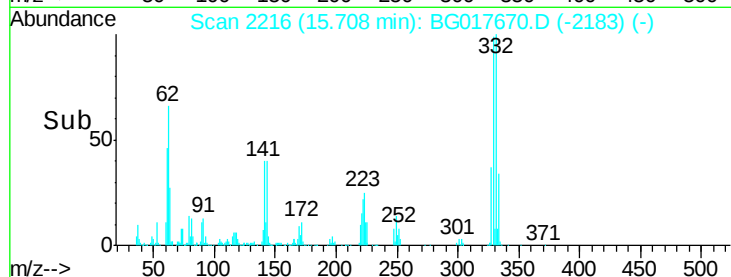
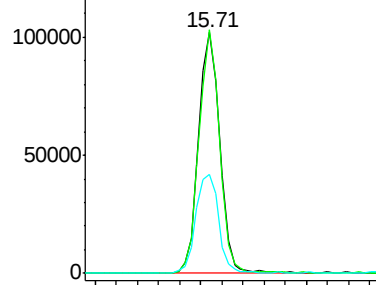
#41
 2,4,6-Tribromophenol
 Concen: 157.64 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017670.D
 Acq: 13 Jun 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 CMW-37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	44.1	34.6	51.8

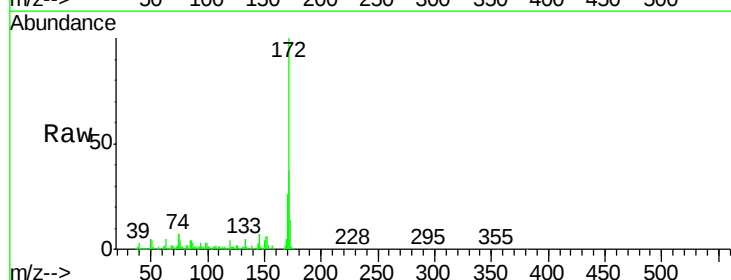


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

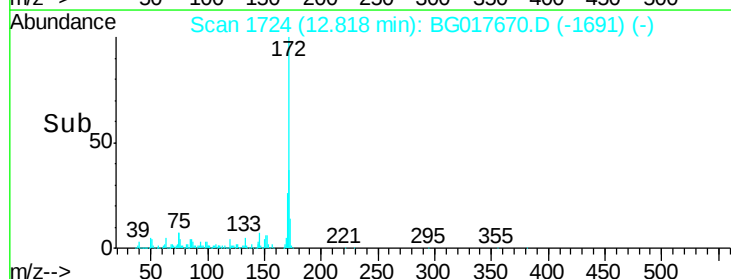
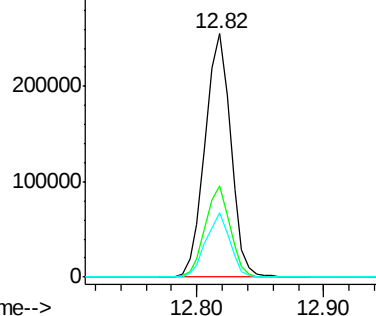


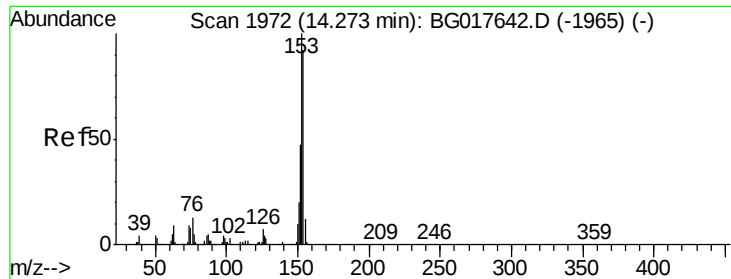
#44
 2-Fluorobiphenyl
 Concen: 94.55 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017670.D
 Acq: 13 Jun 2015 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.2	42.2
170	26.3	17.4	26.2



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





#51

Acenaphthene

Concen: 11.84 ng

RT: 14.27 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

Instrument :

BNA_G

ClientSampleId :

CMW-37

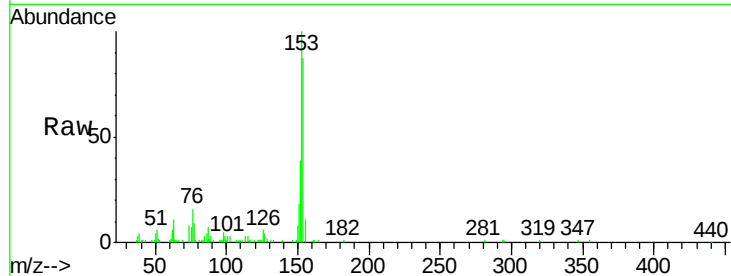
Tgt Ion:154 Resp: 37988

Ion Ratio Lower Upper

154 100

153 115.3 87.2 130.8

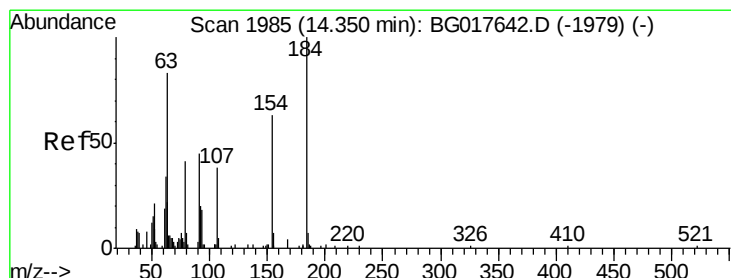
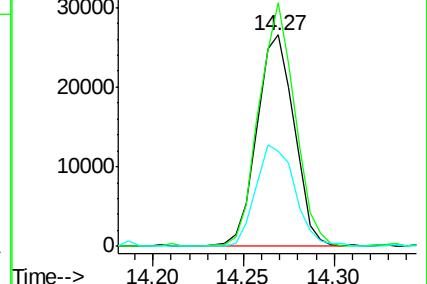
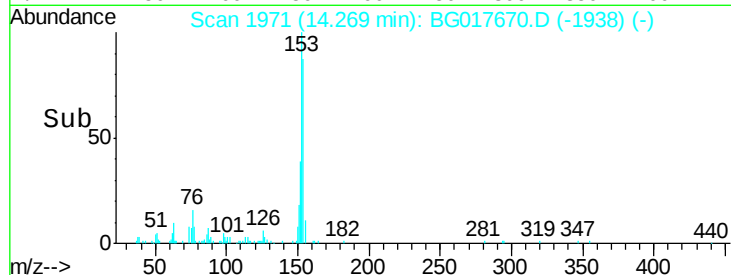
152 45.2 41.0 61.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 5.95 ng

RT: 14.46 min Scan# 2003

Delta R.T. 0.11 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

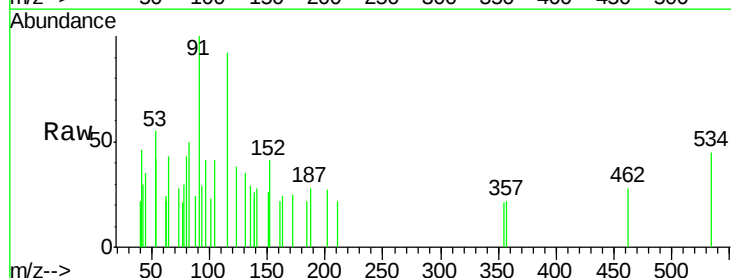
Tgt Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 107.6 66.5 99.7#

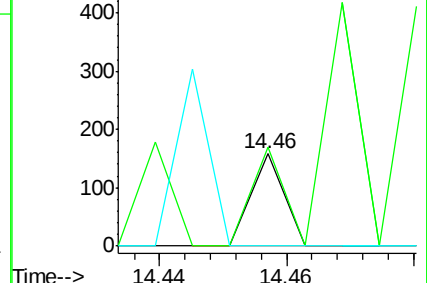
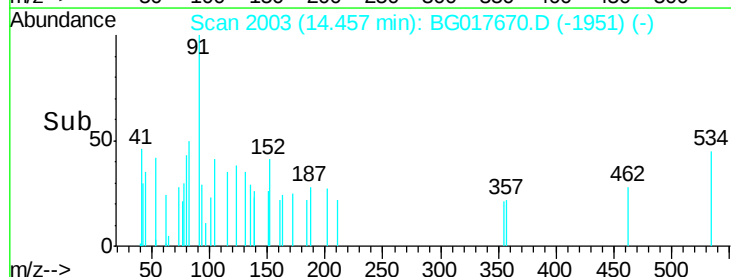
154 0.0 50.5 75.7#

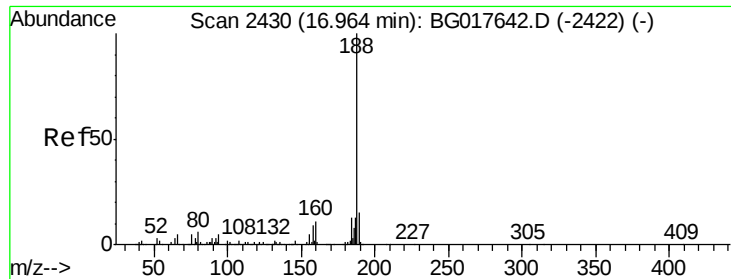


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

Instrument :

BNA_G

ClientSampleId :

CMW-37

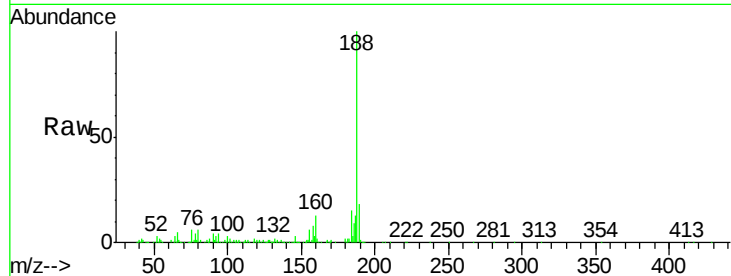
Tgt Ion:188 Resp: 152506

Ion Ratio Lower Upper

188 100

94 3.9 3.9 5.9#

80 5.5 5.0 7.6



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

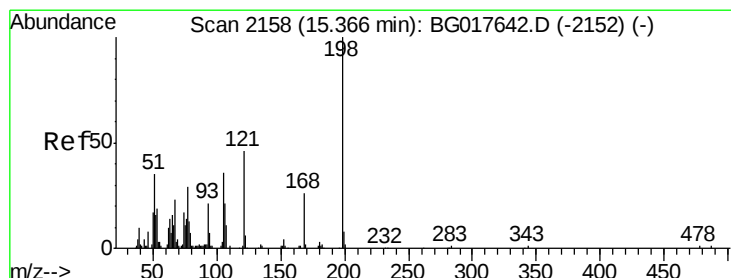
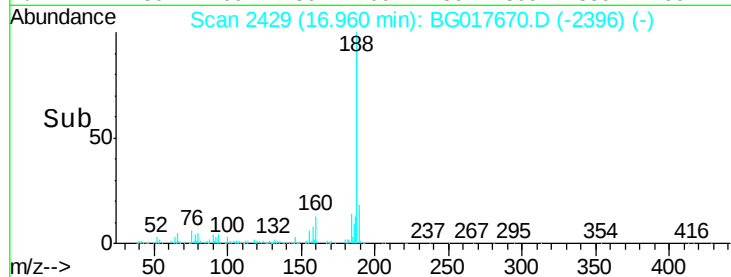
16.96

100000

50000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.30 ng

RT: 15.47 min Scan# 2176

Delta R.T. 0.11 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

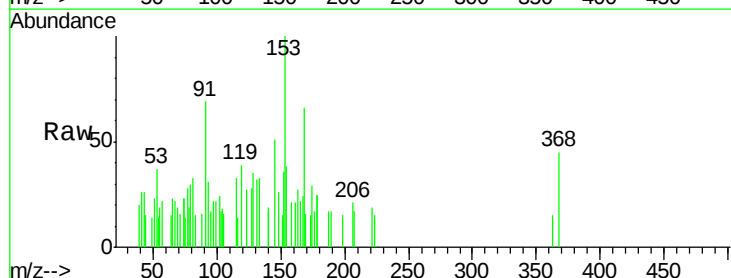
Tgt Ion:198 Resp: 61

Ion Ratio Lower Upper

198 100

51 152.3 16.2 56.2#

105 102.9 15.7 55.7#



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

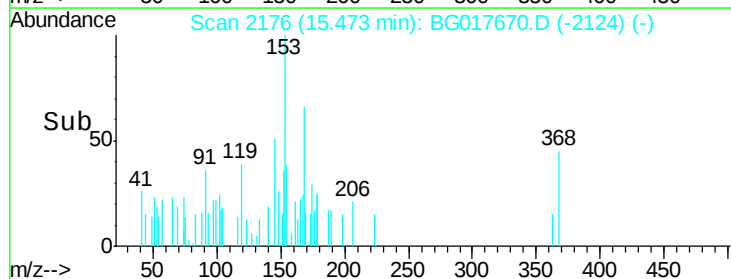
600

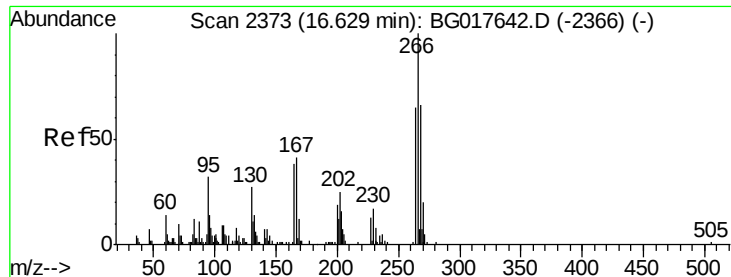
400

200

0

Time-->

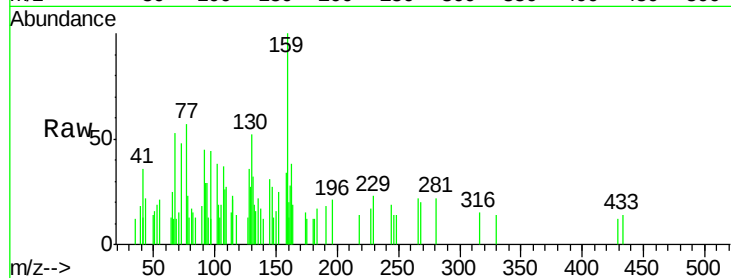




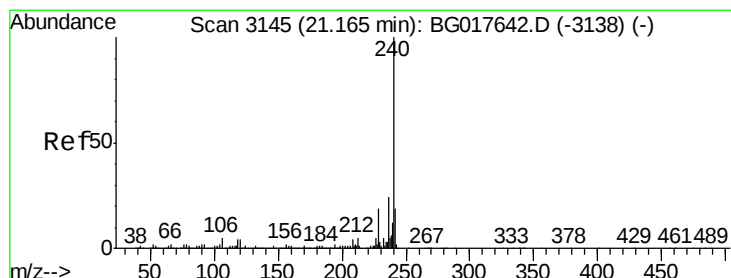
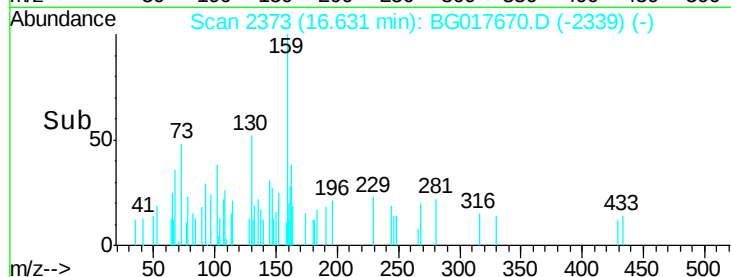
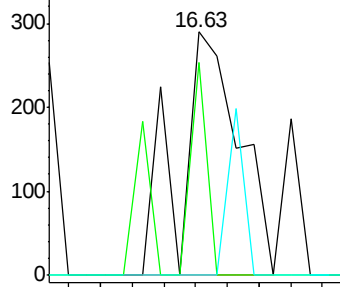
#69
 Pentachlorophenol
 Concen: 6.53 ng
 RT: 16.63 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: BG017670.D
 Acq: 13 Jun 2015 11:52

Instrument :
 BNA_G
 ClientSampleId :
 CMW-37

Tgt Ion:266 Resp: 382
 Ion Ratio Lower Upper
 266 100
 268 87.6 52.7 79.1#
 264 0.0 52.2 78.4#

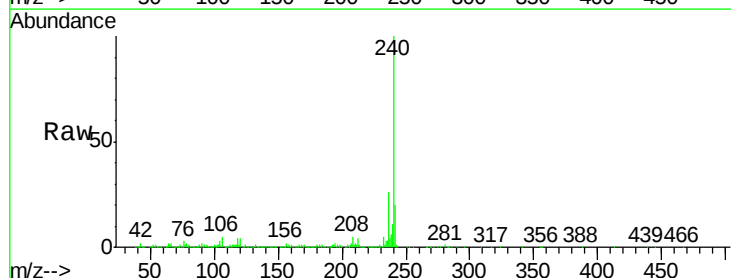


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

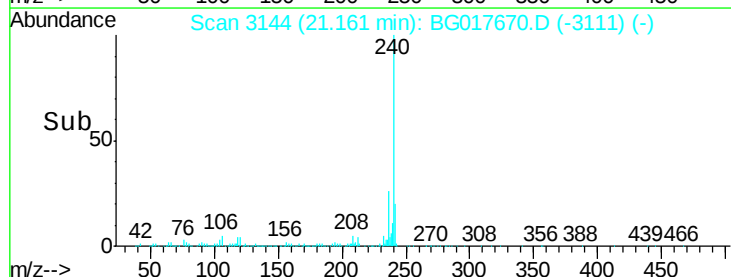
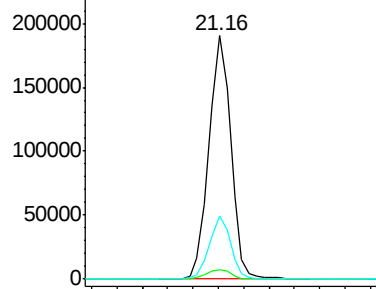


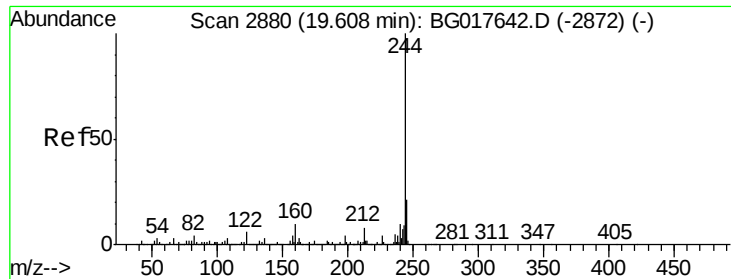
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG017670.D
 Acq: 13 Jun 2015 11:52

Tgt Ion:240 Resp: 227165
 Ion Ratio Lower Upper
 240 100
 120 3.9 3.5 5.3
 236 26.1 19.5 29.3



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: 87.64 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

Instrument :

BNA_G

ClientSampleId :

CMW-37

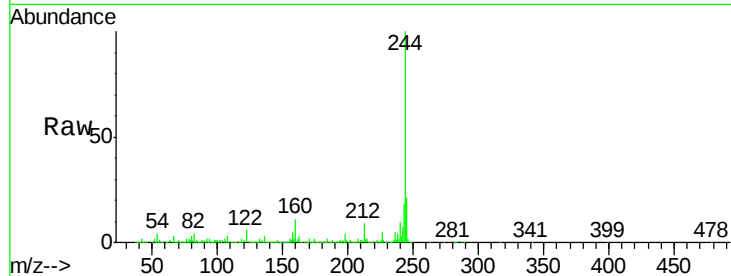
Tgt Ion:244 Resp: 954383

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

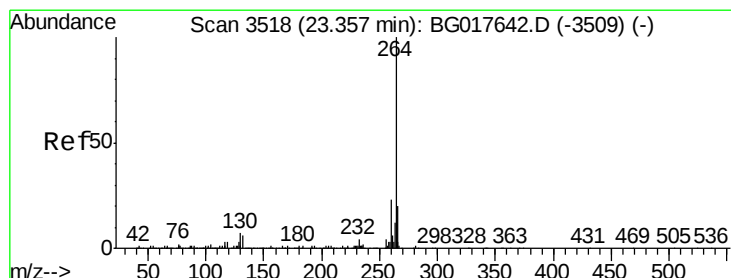
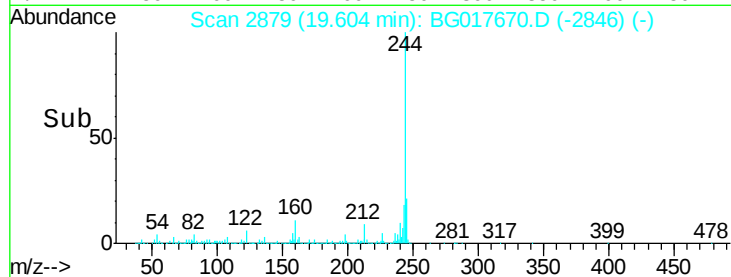
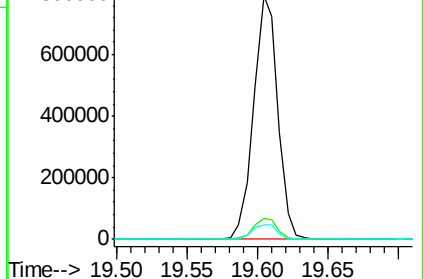
122 5.9 4.6 6.8



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: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG017670.D

Acq: 13 Jun 2015 11:52

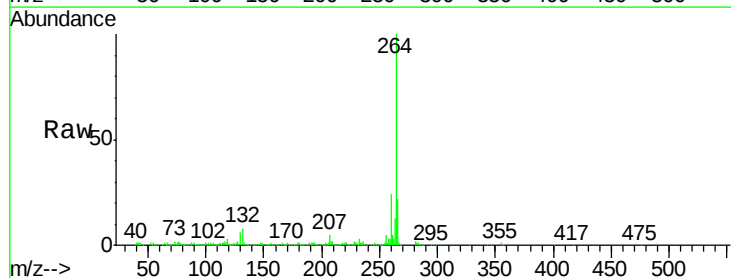
Tgt Ion:264 Resp: 217363

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.5 16.2 24.2



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

