

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015953.D
 Acq On : 27 Jan 2015 20:15
 Operator : TP/IZ
 Sample : G1130-02
 Misc : W
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRILLCUTTINGS

Quant Time: Jan 28 02:28:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	79803	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	305892	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	266182	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	736071	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1041330	20.00	ng	0.00
86) Perylene-d12	23.52	264	931173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	653775	122.00	ng	0.00
7) Phenol-d6	6.87	99	950118	110.02	ng	0.00
23) Nitrobenzene-d5	8.84	82	837345	78.91	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	669534	137.40	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1644869	96.96	ng	0.00
78) Terphenyl-d14	19.71	244	3386065	97.70	ng	0.00

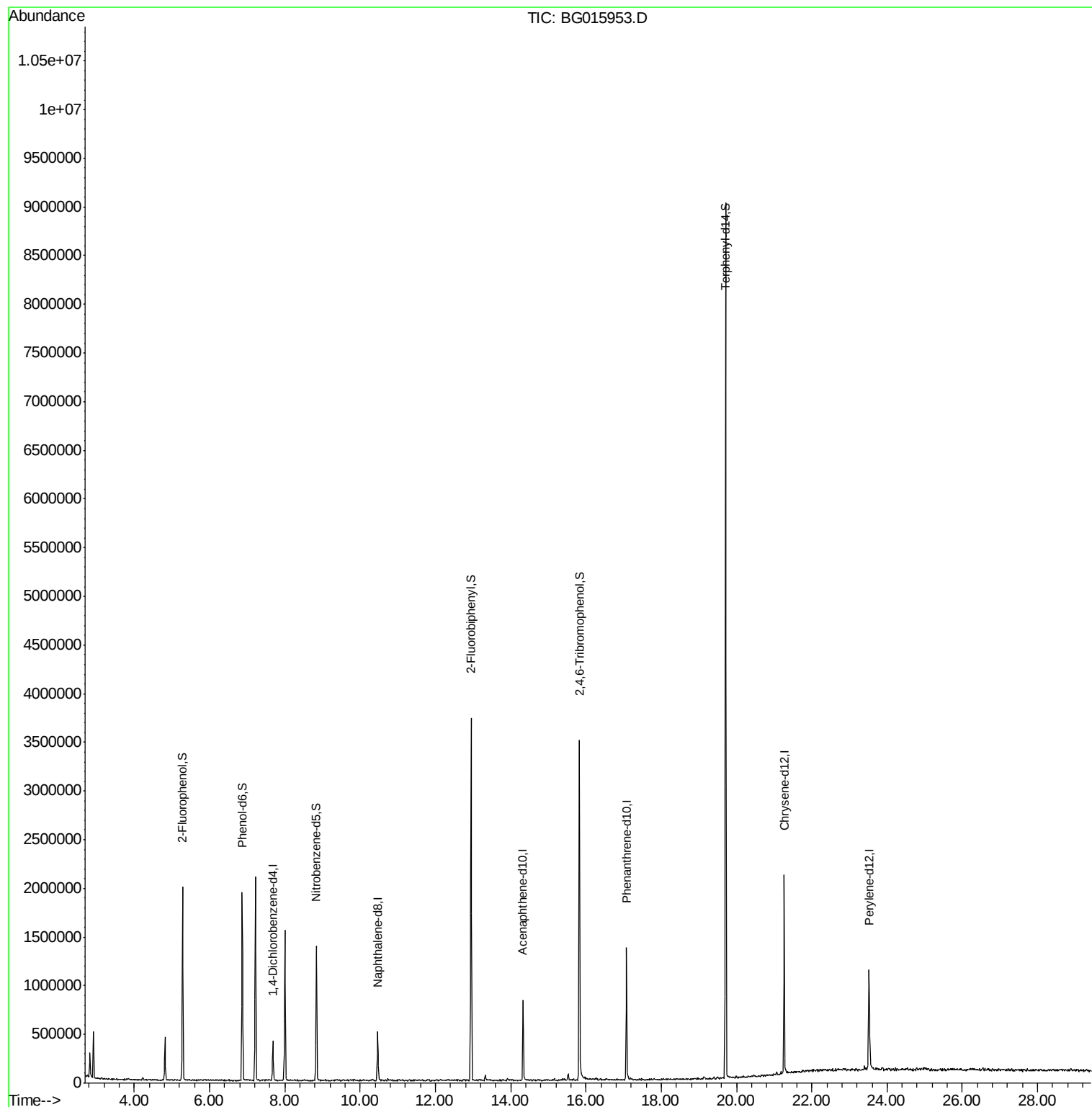
Target Compounds	Qvalue
------------------	--------

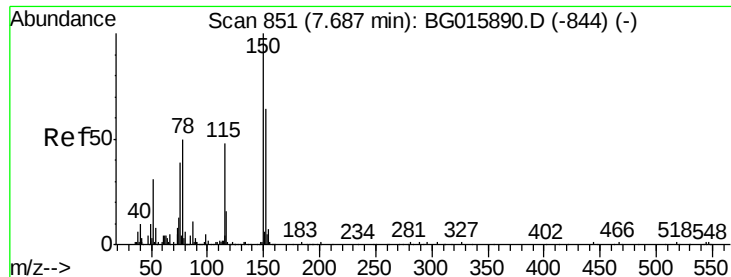
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015953.D
Acq On : 27 Jan 2015 20:15
Operator : TP/IZ
Sample : G1130-02
Misc : W
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Quant Time: Jan 28 02:28:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG015953.D

Acq: 27 Jan 2015 20:15

Instrument :

BNA_G

ClientSampleId :

DRILLCUTTINGS

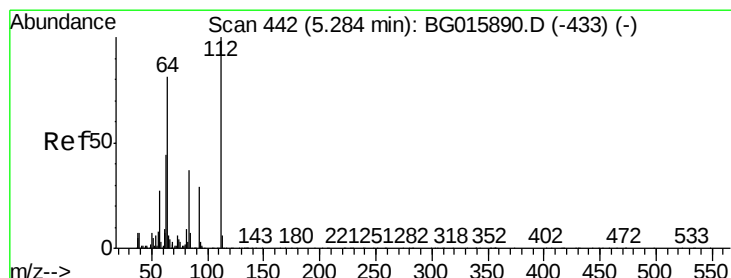
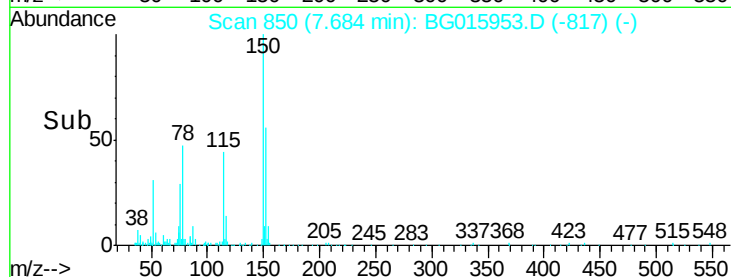
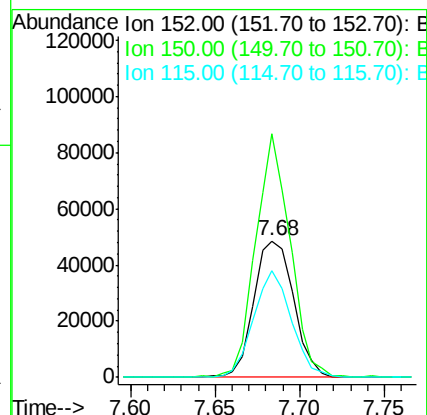
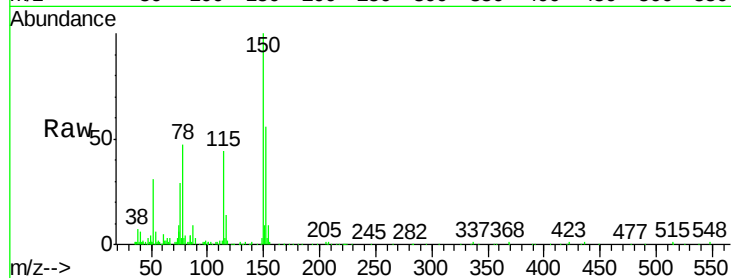
Tgt Ion:152 Resp: 79803

Ion Ratio Lower Upper

152 100

150 178.2 124.5 186.7

115 78.3 60.4 90.6



#5

2-Fluorophenol

Concen: 122.00 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG015953.D

Acq: 27 Jan 2015 20:15

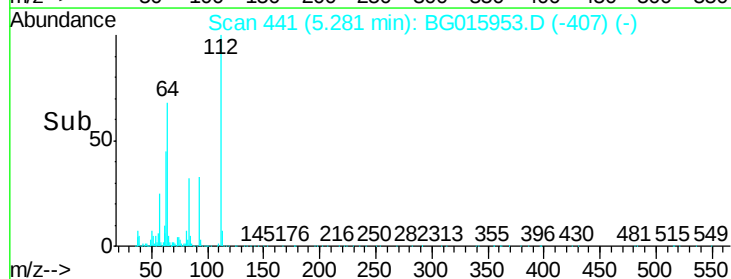
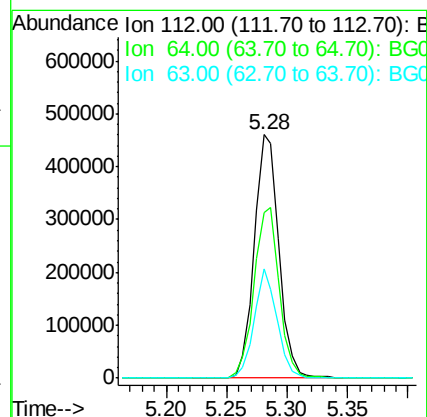
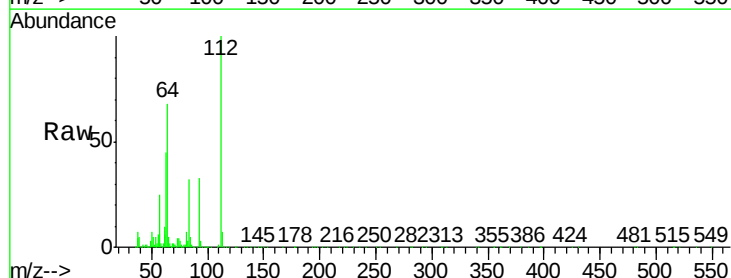
Tgt Ion:112 Resp: 653775

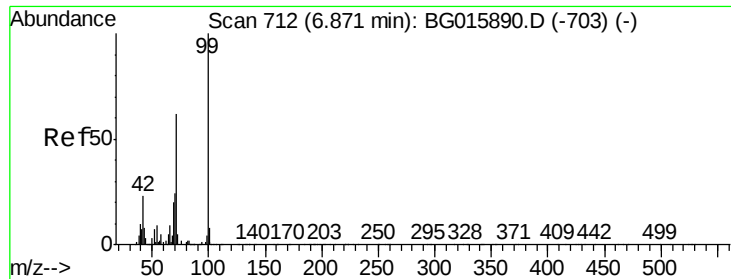
Ion Ratio Lower Upper

112 100

64 67.8 64.4 96.6

63 44.8 35.1 52.7





#7

Phenol-d6

Concen: 110.02 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG015953.D

Acq: 27 Jan 2015 20:15

Instrument :

BNA_G

ClientSampleId :

DRILLCUTTINGS

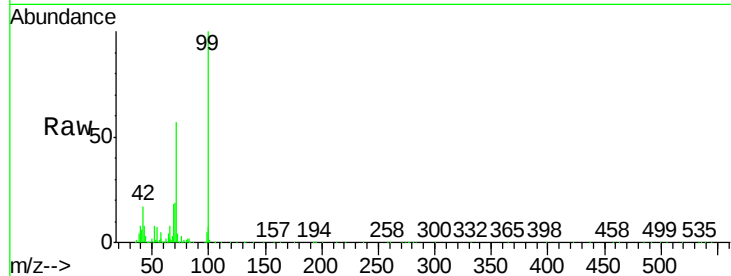
Tgt Ion: 99 Resp: 950118

Ion Ratio Lower Upper

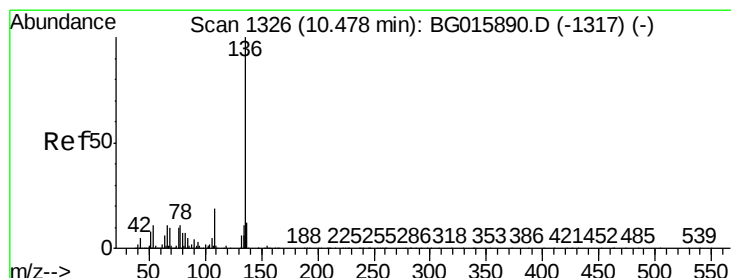
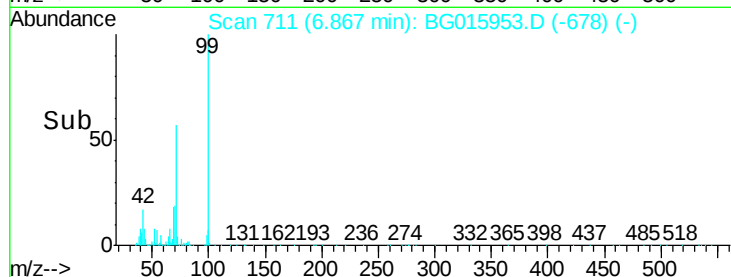
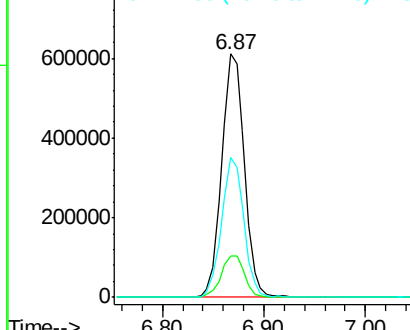
99 100

42 17.0 18.1 27.1#

71 57.3 49.8 74.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG015953.D

Acq: 27 Jan 2015 20:15

Tgt Ion: 136 Resp: 305892

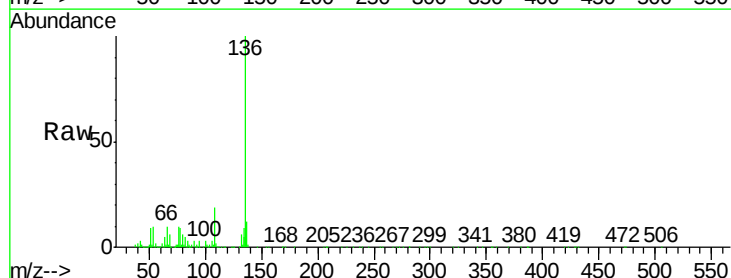
Ion Ratio Lower Upper

136 100

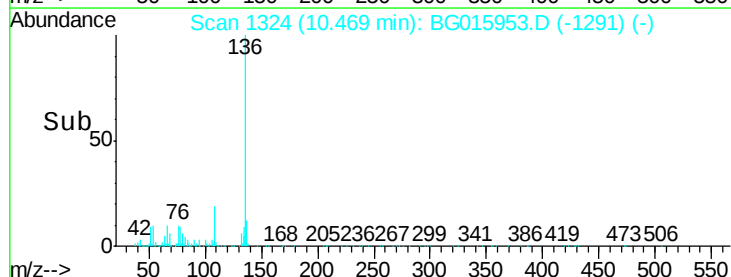
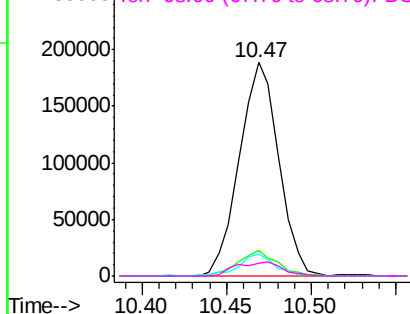
137 12.3 9.7 14.5

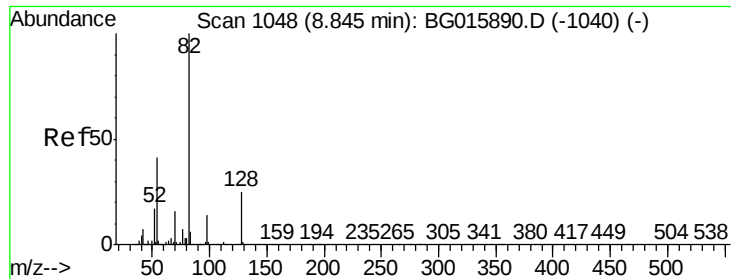
54 10.2 8.5 12.7

68 6.0 8.0 12.0#



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

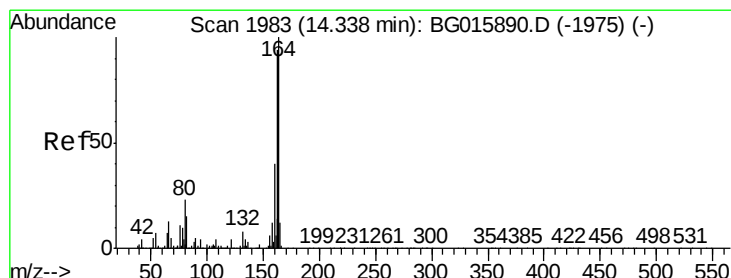
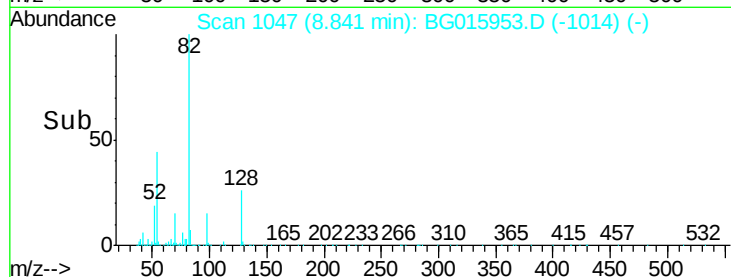
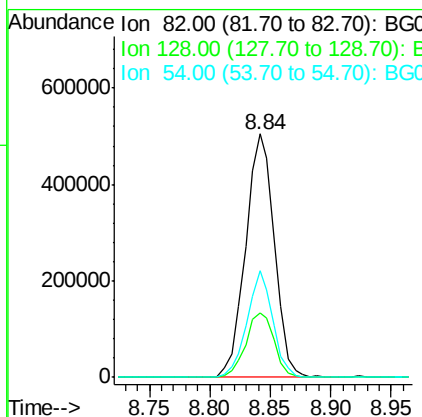
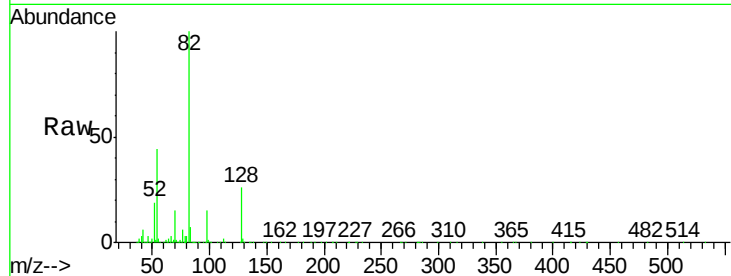




#23
 Nitrobenzene-d5
 Concen: 78.91 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG015953.D
 Acq: 27 Jan 2015 20:15

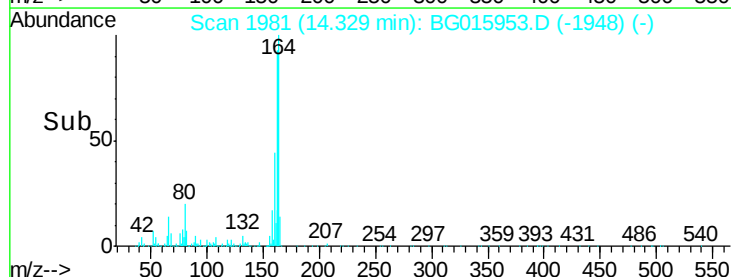
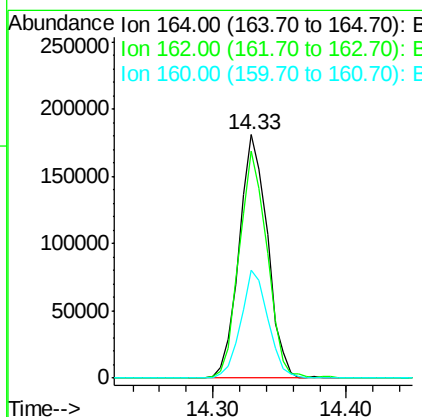
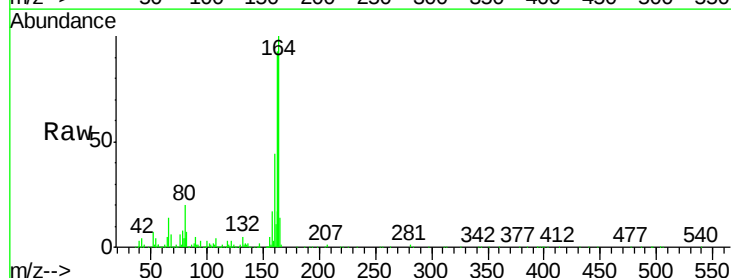
Instrument :
 BNA_G
 ClientSampleId :
 DRILLCUTTINGS

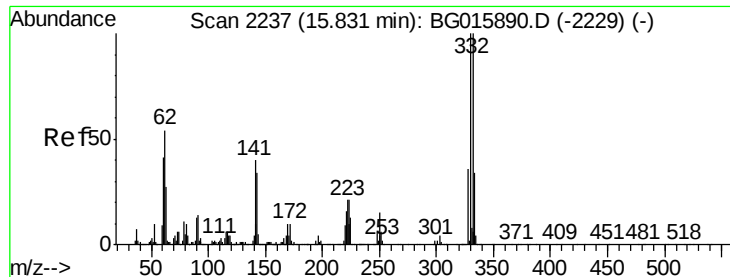
Tgt Ion	Ratio	Lower	Upper
82	100		
128	26.5	19.8	29.8
54	43.6	33.0	49.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG015953.D
 Acq: 27 Jan 2015 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.0	75.1	112.7
160	44.5	32.3	48.5

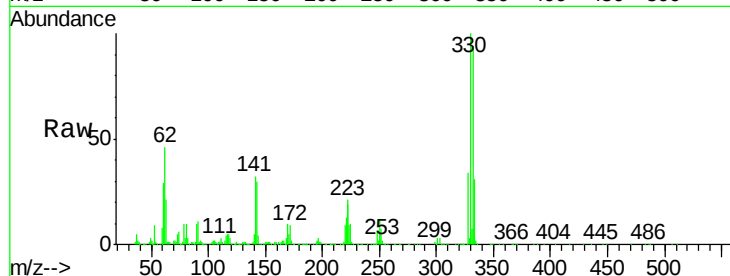




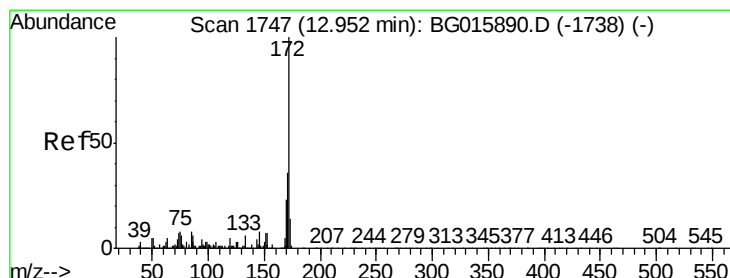
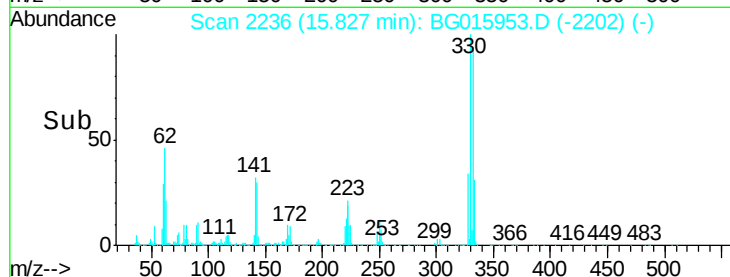
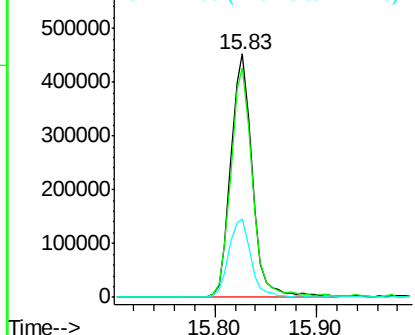
#41
2,4,6-Tribromophenol
Concen: 137.40 ng
RT: 15.83 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Instrument :
BNA_G
ClientSampleId :
DRILLCUTTINGS

Tgt Ion:330 Resp: 669534
Ion Ratio Lower Upper
330 100
332 96.2 75.4 113.0
141 32.8 33.0 49.6#

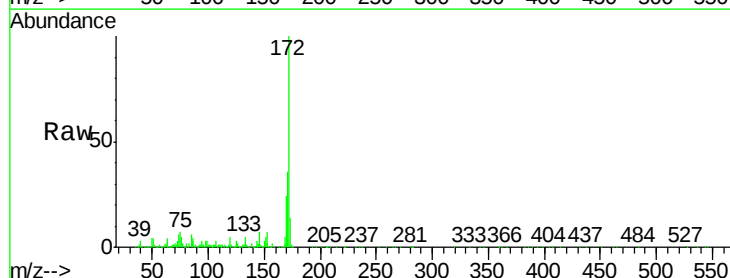


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

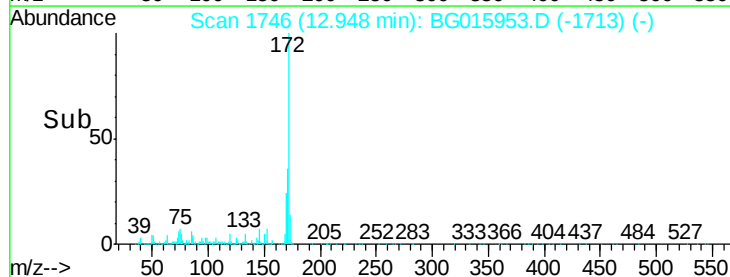
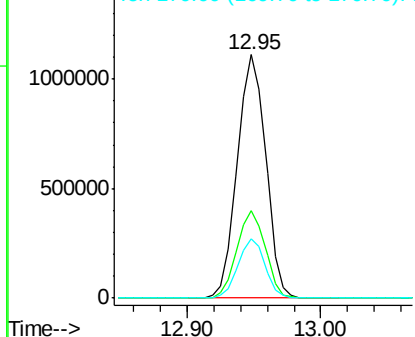


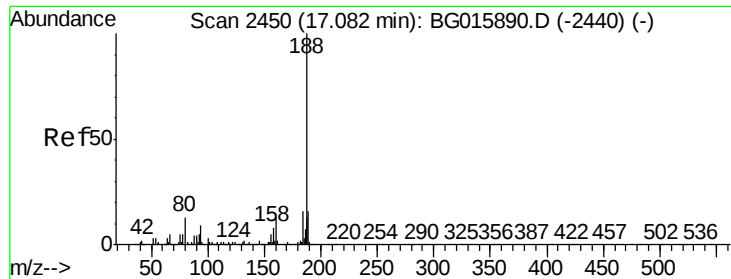
#44
2-Fluorobiphenyl
Concen: 96.96 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015953.D
Acq: 27 Jan 2015 20:15

Tgt Ion:172 Resp: 1644869
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.5 18.6 27.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG015953.D

Acq: 27 Jan 2015 20:15

Instrument :

BNA_G

ClientSampleId :

DRILLCUTTINGS

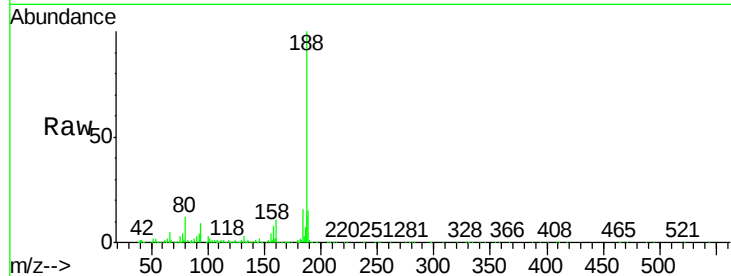
Tgt Ion:188 Resp: 736071

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.8

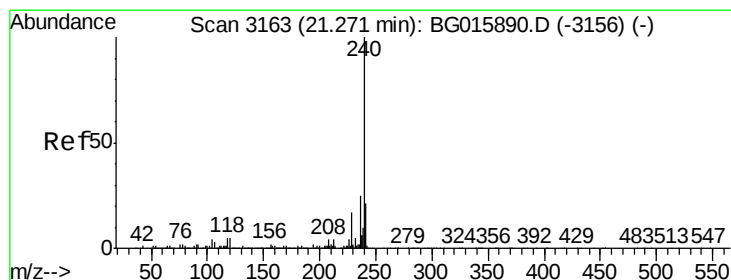
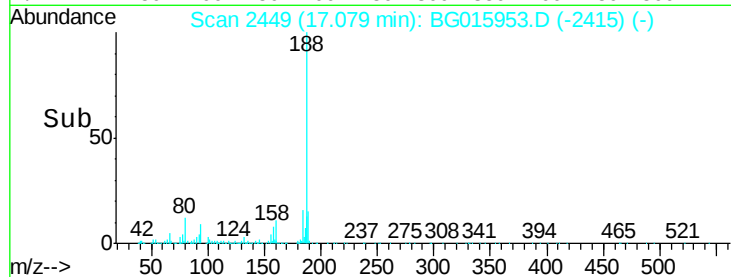
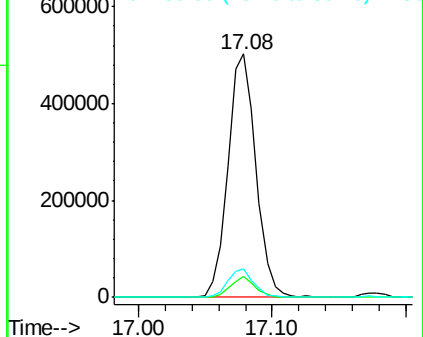
80 12.0 10.6 16.0



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG015953.D

Acq: 27 Jan 2015 20:15

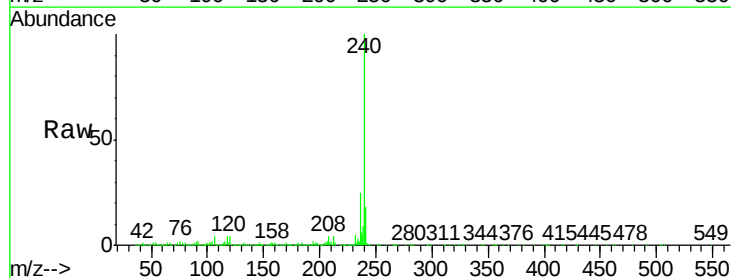
Tgt Ion:240 Resp: 1041330

Ion Ratio Lower Upper

240 100

120 3.8 3.9 5.9#

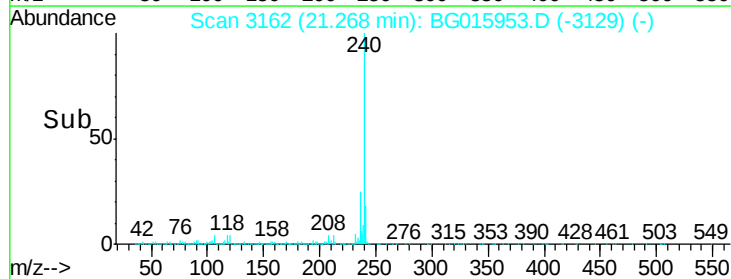
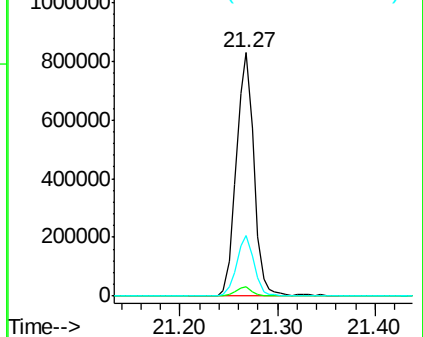
236 24.8 20.0 30.0

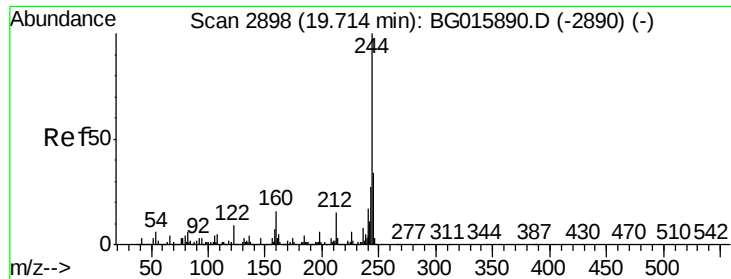


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.70 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015953.D

Acq: 27 Jan 2015 20:15

Instrument :

BNA_G

ClientSampleId :

DRILLCUTTINGS

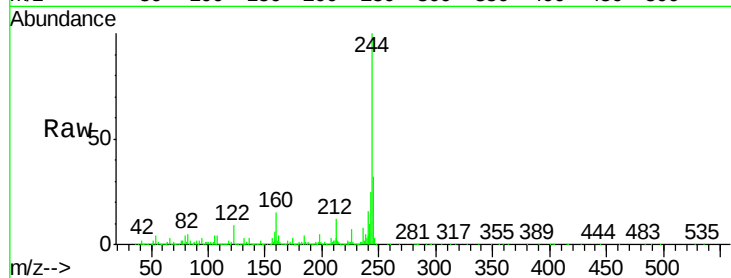
Tgt Ion:244 Resp: 3386065

Ion Ratio Lower Upper

244 100

212 12.4 11.6 17.4

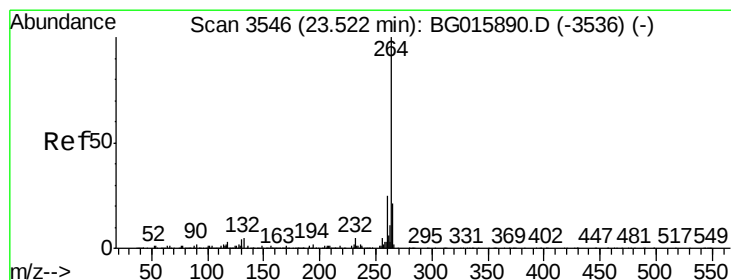
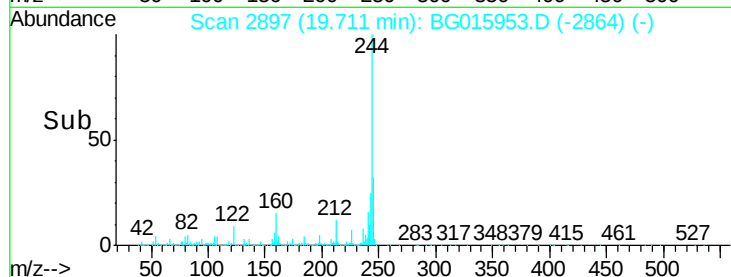
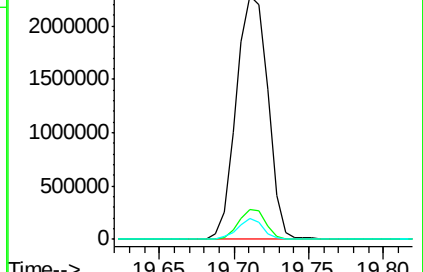
122 8.8 7.0 10.4



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: 23.52 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG015953.D

Acq: 27 Jan 2015 20:15

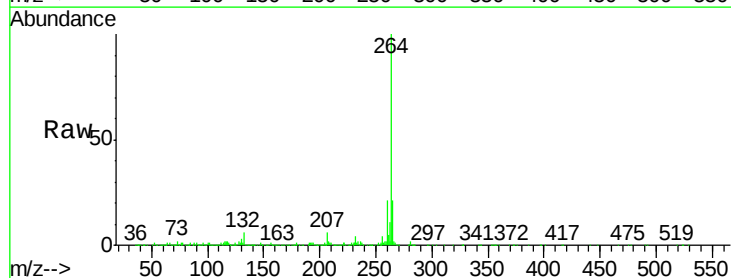
Tgt Ion:264 Resp: 931173

Ion Ratio Lower Upper

264 100

260 21.4 19.7 29.5

265 21.1 17.3 25.9



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

