

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
 Data File : BG015900.D
 Acq On : 20 Jan 2015 20:27
 Operator : TP/IZ
 Sample : PB81364TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81364TB

Quant Time: Jan 21 12:58:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	93832	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	371965	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	332299	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	860882	20.00	ng	0.00
75) Chrysene-d12	21.26	240	1236970	20.00	ng	0.00
86) Perylene-d12	23.52	264	1162437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	786801	124.87	ng	0.00
7) Phenol-d6	6.87	99	1212057	119.37	ng	0.00
23) Nitrobenzene-d5	8.85	82	969603	75.14	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	621512	102.17	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1638504	77.36	ng	0.00
78) Terphenyl-d14	19.71	244	3412605	75.42	ng	0.00

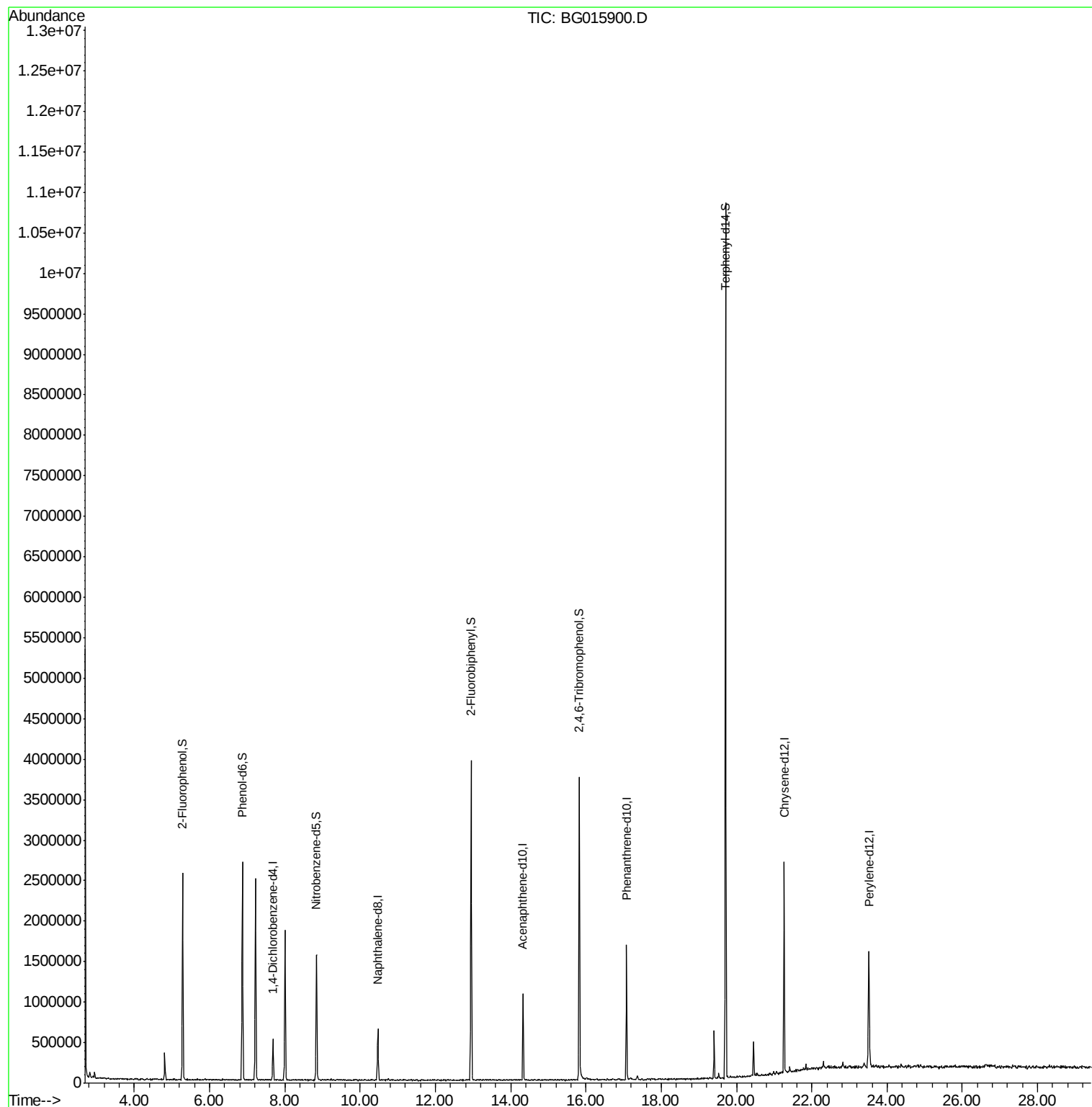
Target Compounds	Qvalue
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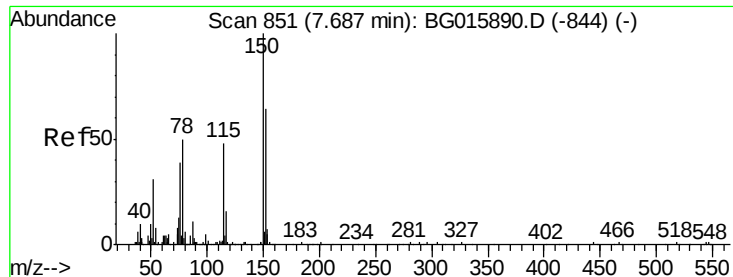
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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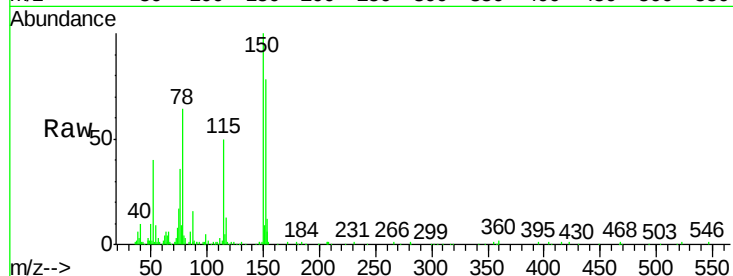


#1

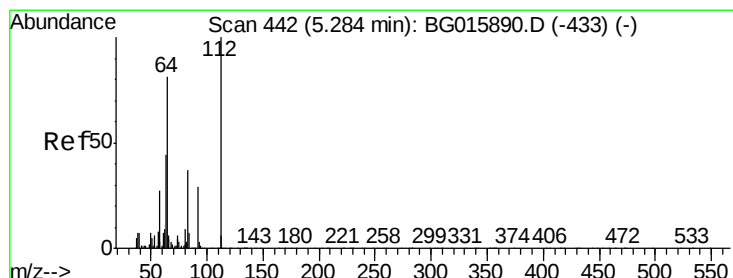
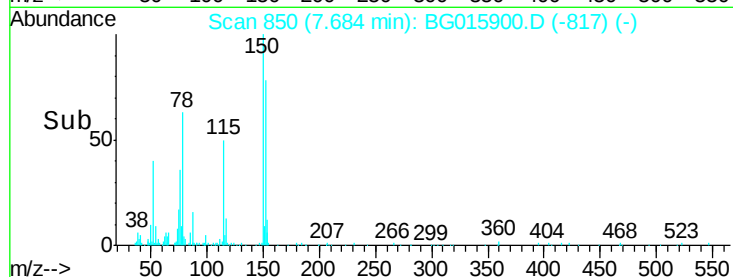
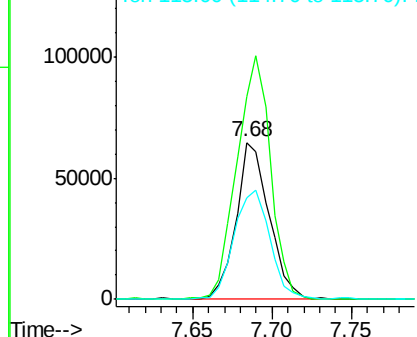
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015900.D
Acq: 20 Jan 2015 20:27

Instrument :
BNA_G
ClientSampleId :
PB81364TB

Tgt Ion:152 Resp: 93832
Ion Ratio Lower Upper
152 100
150 128.9 124.5 186.7
115 64.5 60.4 90.6



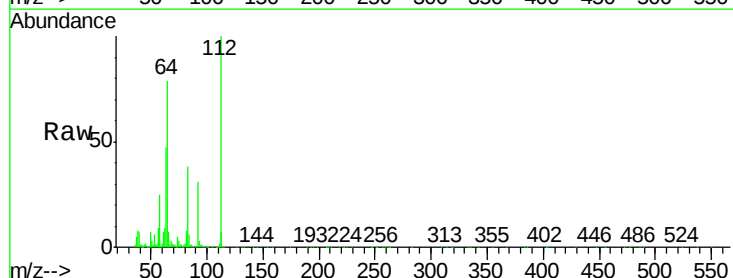
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



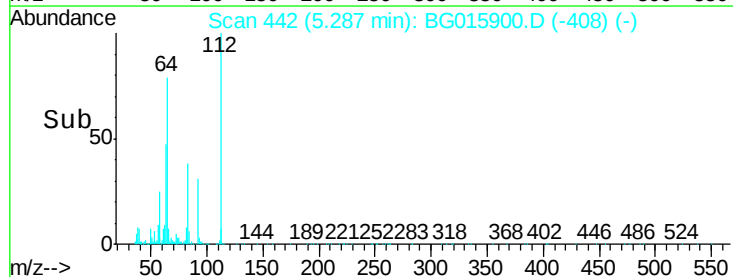
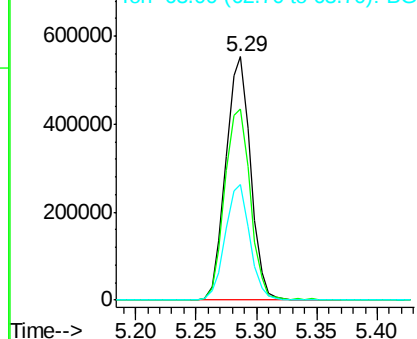
#5

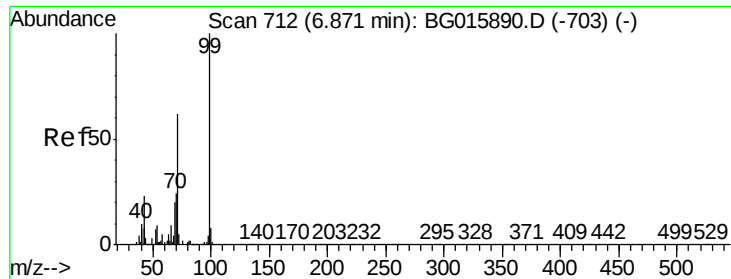
2-Fluorophenol
Concen: 124.87 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG015900.D
Acq: 20 Jan 2015 20:27

Tgt Ion:112 Resp: 786801
Ion Ratio Lower Upper
112 100
64 78.7 64.4 96.6
63 47.3 35.1 52.7



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: 119.37 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015900.D

Acq: 20 Jan 2015 20:27

Instrument :

BNA_G

ClientSampleId :

PB81364TB

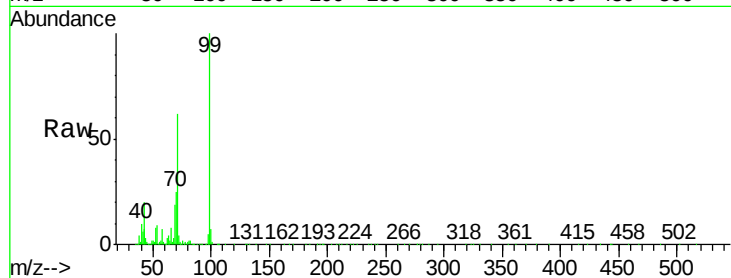
Tgt Ion: 99 Resp: 1212057

Ion	Ratio	Lower	Upper
99	100		
42	20.0	18.1	27.1
71	61.8	49.8	74.8

99 100

42 20.0 18.1 27.1

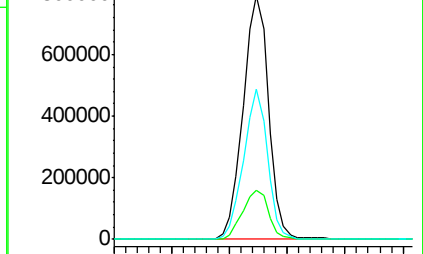
71 61.8 49.8 74.8



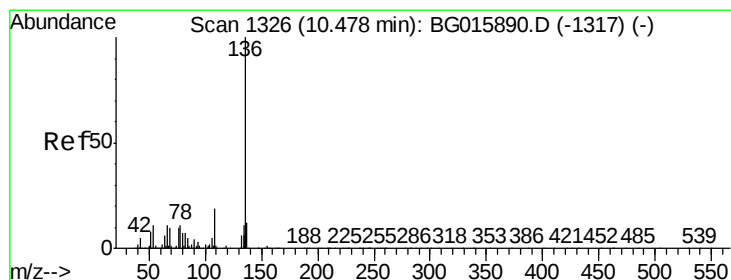
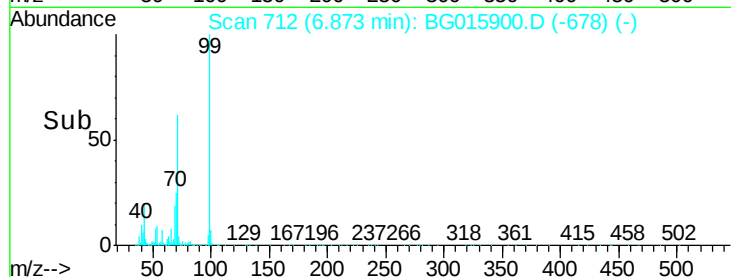
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 6.75 6.80 6.85 6.90 6.95



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG015900.D

Acq: 20 Jan 2015 20:27

Tgt Ion: 136 Resp: 371965

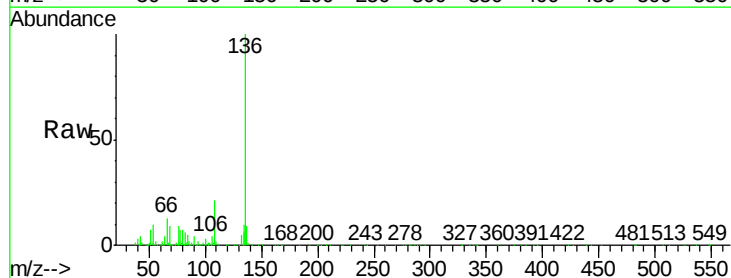
Ion	Ratio	Lower	Upper
136	100		
137	9.1	9.7	14.5#
54	9.6	8.5	12.7
68	8.7	8.0	12.0

136 100

137 9.1 9.7 14.5#

54 9.6 8.5 12.7

68 8.7 8.0 12.0

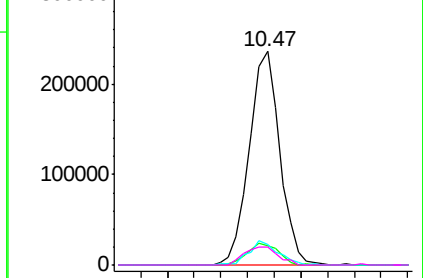


Abundance Ion 136.00 (135.70 to 136.70): BGC

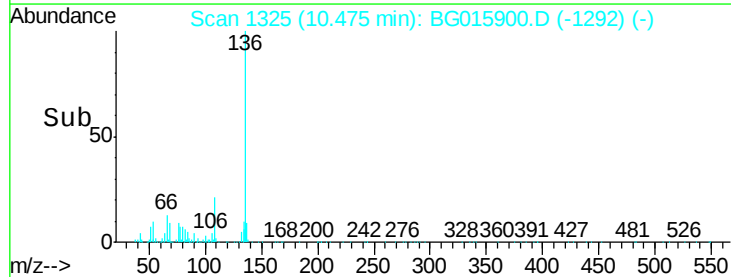
Ion 137.00 (136.70 to 137.70): BGC

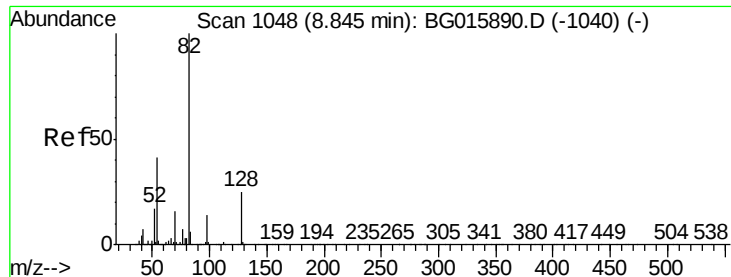
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.40 10.50

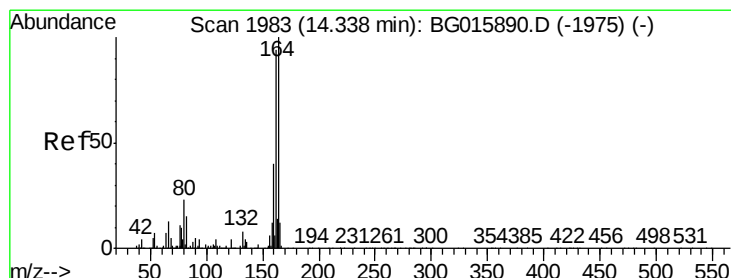
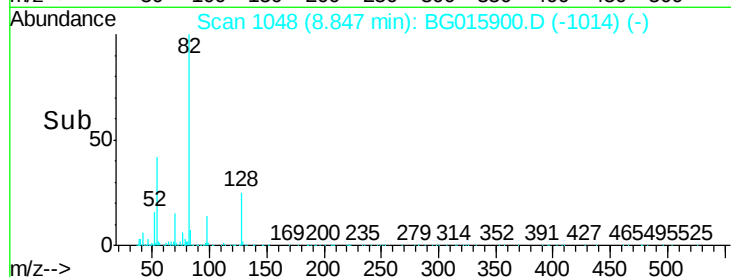
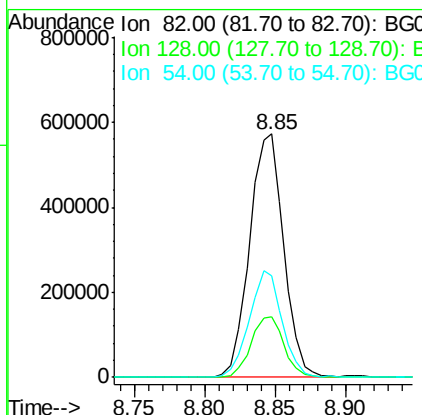
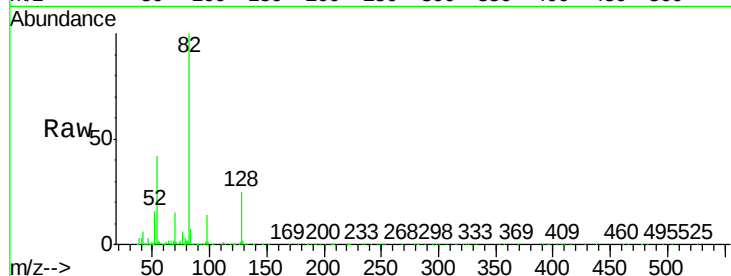




#23
 Nitrobenzene-d5
 Concen: 75.14 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG015900.D
 Acq: 20 Jan 2015 20:27

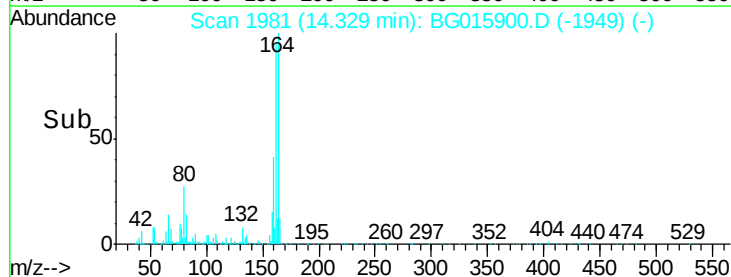
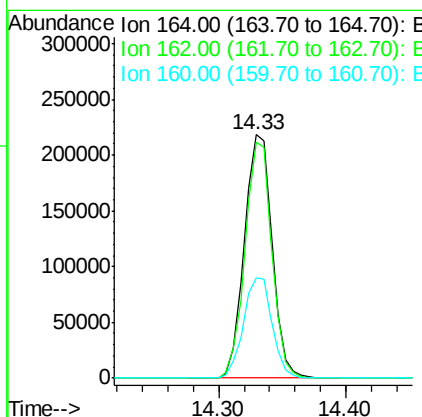
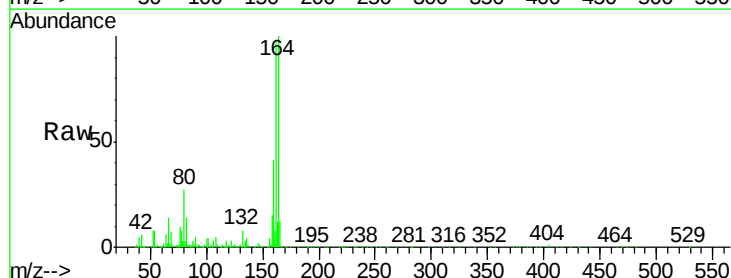
Instrument :
 BNA_G
 ClientSampleId :
 PB81364TB

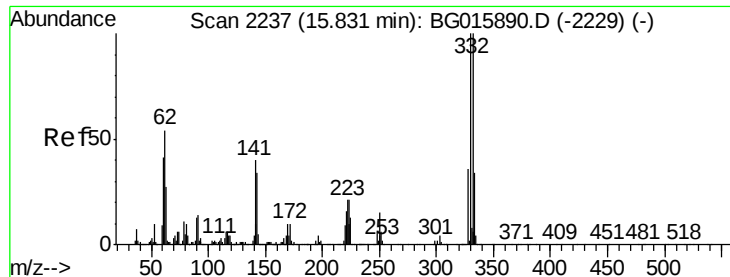
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.7	19.8	29.8
54	41.7	33.0	49.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG015900.D
 Acq: 20 Jan 2015 20:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	75.1	112.7
160	41.4	32.3	48.5

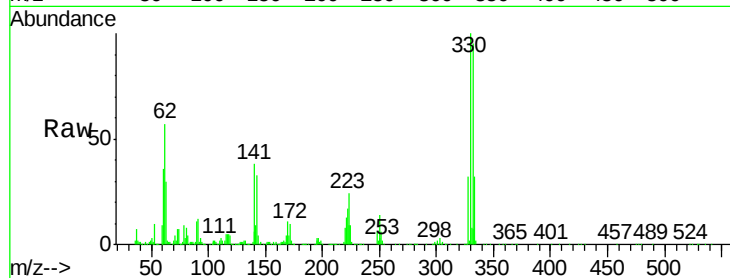




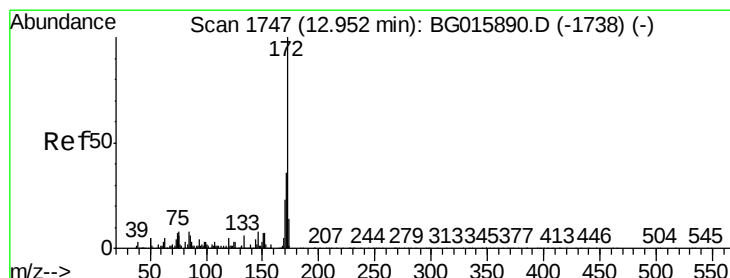
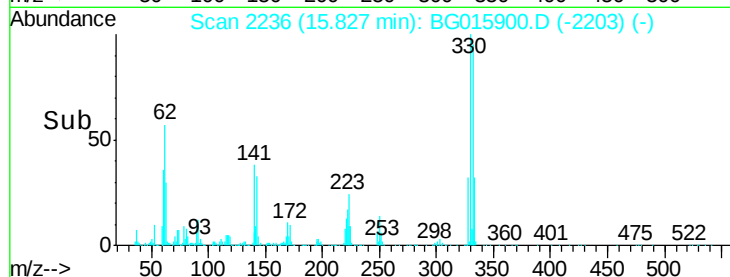
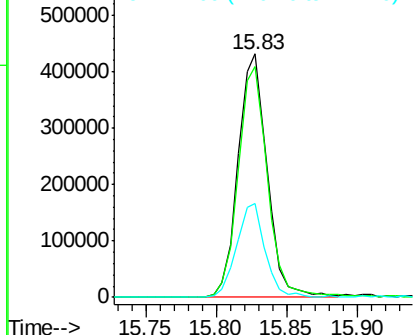
#41
2,4,6-Tribromophenol
Concen: 102.17 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG015900.D
Acq: 20 Jan 2015 20:27

Instrument :
BNA_G
ClientSampleId :
PB81364TB

Tgt Ion:330 Resp: 621512
Ion Ratio Lower Upper
330 100
332 96.0 75.4 113.0
141 38.3 33.0 49.6

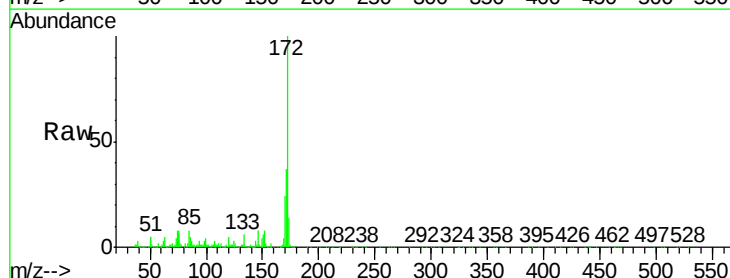


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

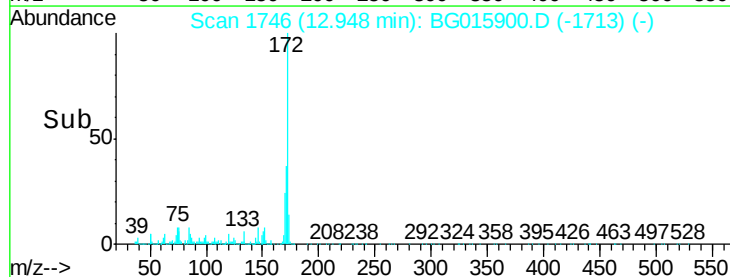
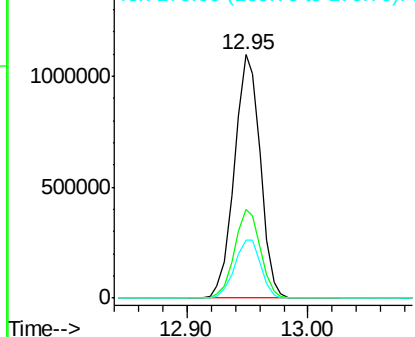


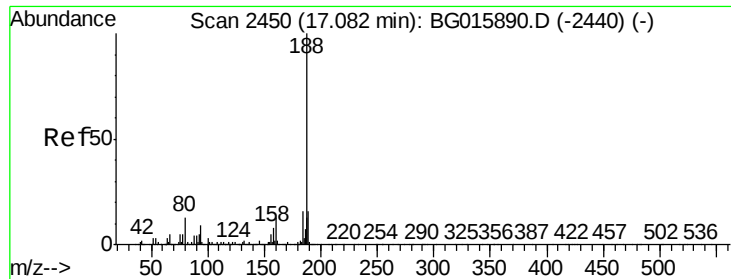
#44
2-Fluorobiphenyl
Concen: 77.36 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015900.D
Acq: 20 Jan 2015 20:27

Tgt Ion:172 Resp: 1638504
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.1 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: BG015900.D

Acq: 20 Jan 2015 20:27

Instrument :

BNA_G

ClientSampleId :

PB81364TB

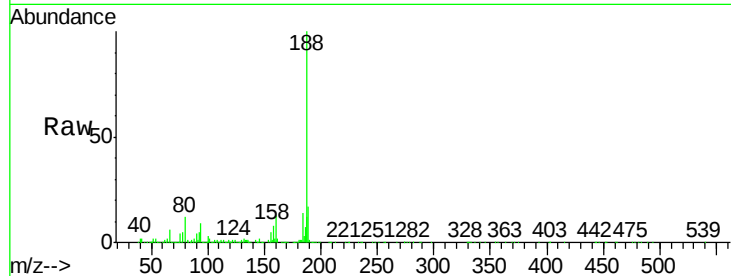
Tgt Ion:188 Resp: 860882

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.8

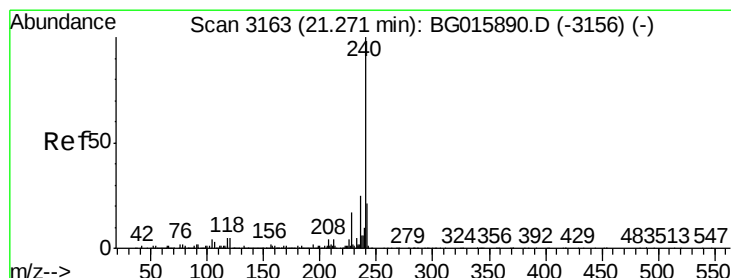
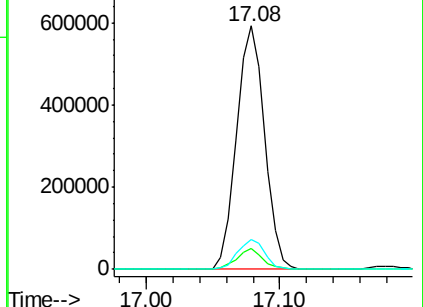
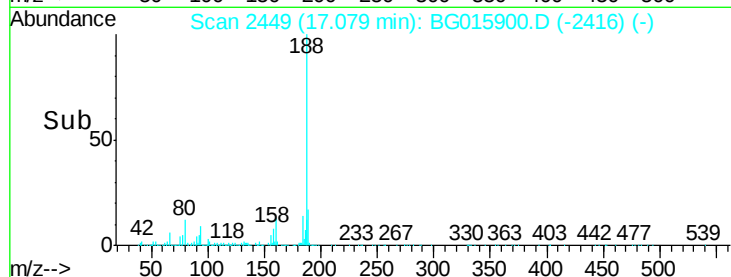
80 12.1 10.6 16.0



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: 21.26 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG015900.D

Acq: 20 Jan 2015 20:27

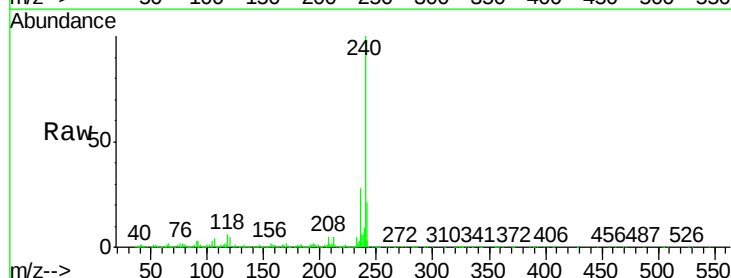
Tgt Ion:240 Resp: 1236970

Ion Ratio Lower Upper

240 100

120 5.1 3.9 5.9

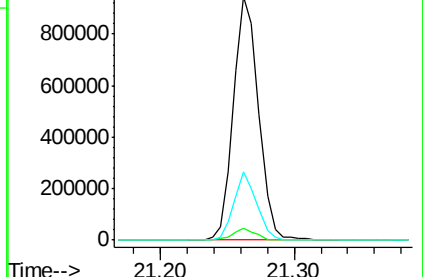
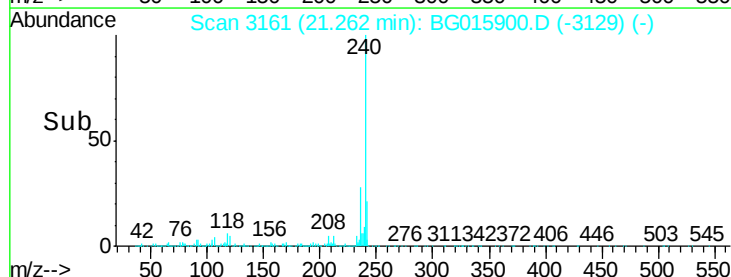
236 27.8 20.0 30.0

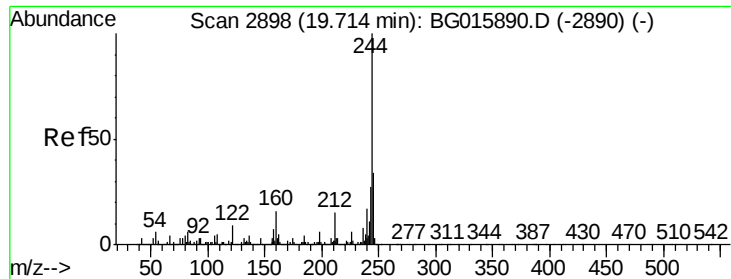


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.42 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015900.D

Acq: 20 Jan 2015 20:27

Instrument :

BNA_G

ClientSampleId :

PB81364TB

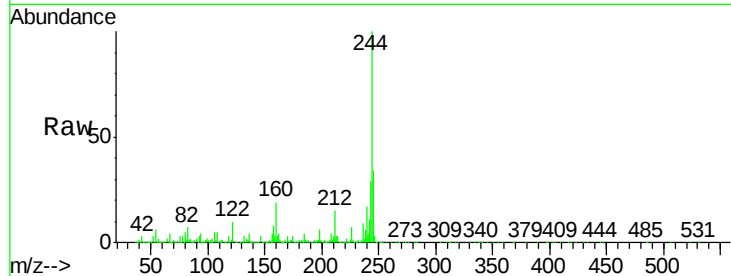
Tgt Ion:244 Resp: 3412605

Ion Ratio Lower Upper

244 100

212 15.1 11.6 17.4

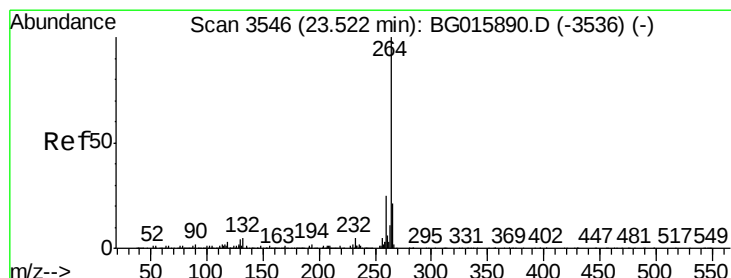
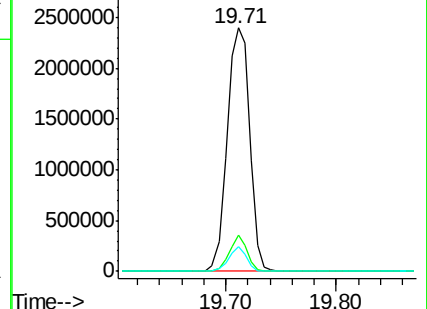
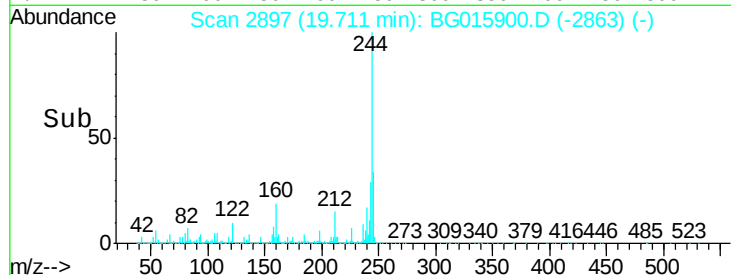
122 10.3 7.0 10.4



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: BG015900.D

Acq: 20 Jan 2015 20:27

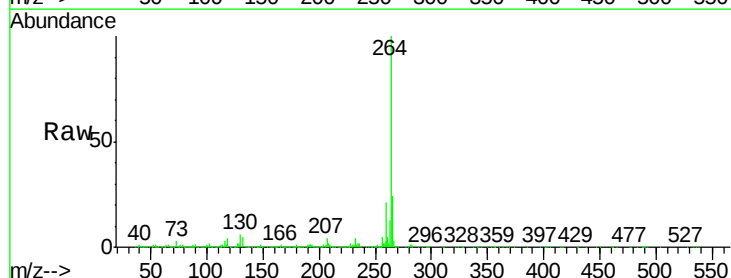
Tgt Ion:264 Resp: 1162437

Ion Ratio Lower Upper

264 100

260 20.9 19.7 29.5

265 23.6 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

