

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
 Data File : BG015898.D
 Acq On : 20 Jan 2015 19:18
 Operator : TP/IZ
 Sample : PB81364BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81364BL

Quant Time: Jan 21 12:51:39 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	7.69	152	90164	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	365501	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	301949	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	841084	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1327406	20.00	ng	0.00
86) Perylene-d12	23.52	264	1189352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	766997	126.68	ng	0.00
7) Phenol-d6	6.87	99	1193852	122.36	ng	0.00
23) Nitrobenzene-d5	8.85	82	962123	75.88	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	628484	113.70	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1590178	82.63	ng	0.00
78) Terphenyl-d14	19.71	244	3622098	74.23	ng	0.00

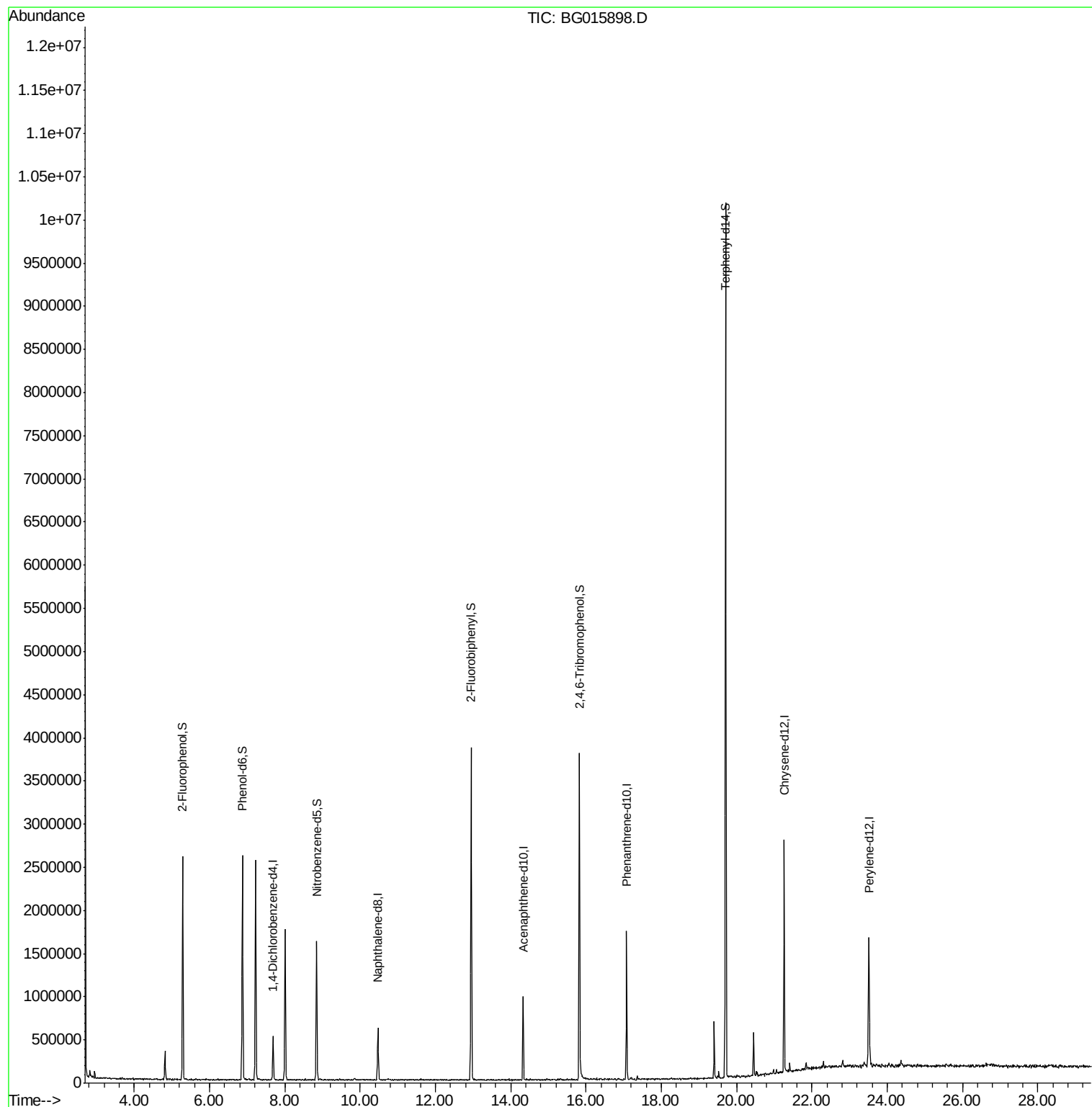
Target Compounds	Qvalue
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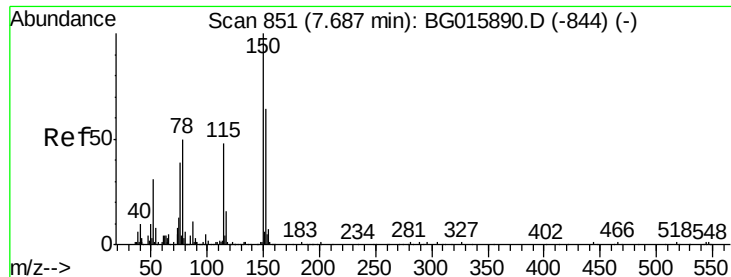
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

Instrument :

BNA_G

ClientSampleId :

PB81364BL

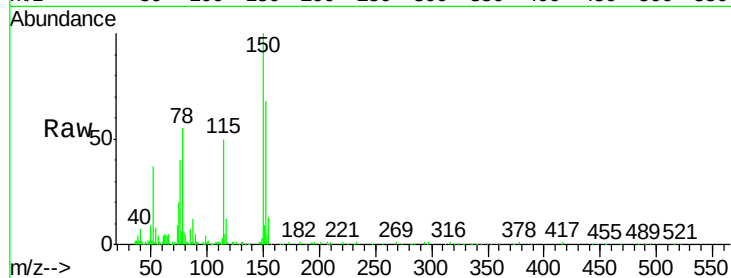
Tgt Ion:152 Resp: 90164

Ion Ratio Lower Upper

152 100

150 147.0 124.5 186.7

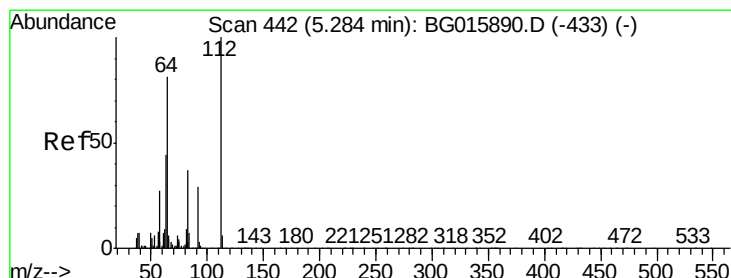
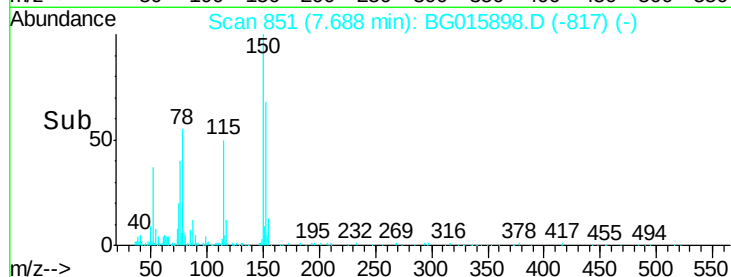
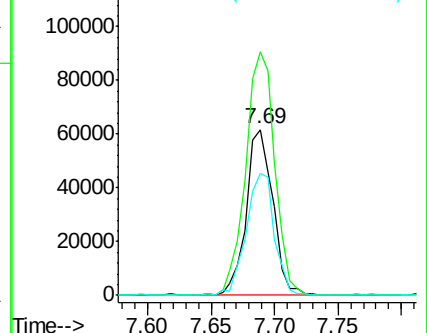
115 73.9 60.4 90.6



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: 126.68 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

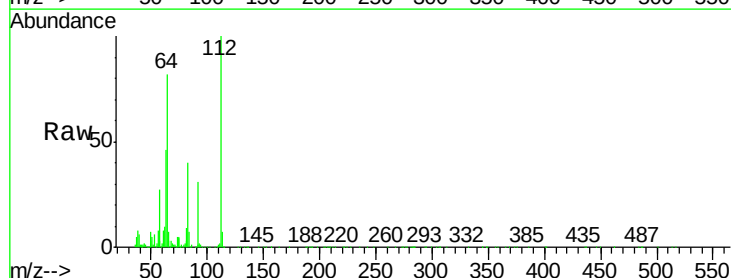
Tgt Ion:112 Resp: 766997

Ion Ratio Lower Upper

112 100

64 81.7 64.4 96.6

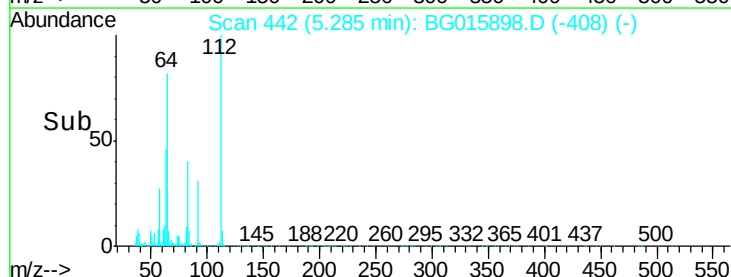
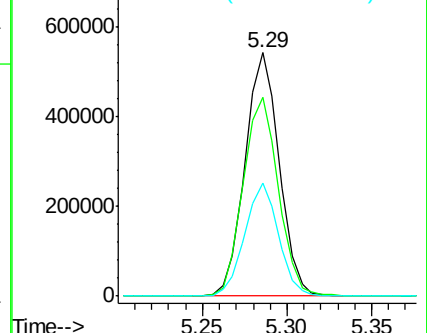
63 46.4 35.1 52.7

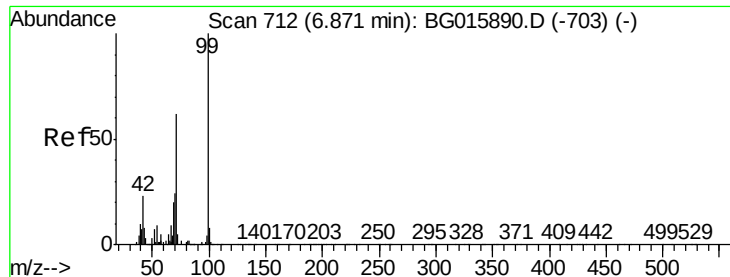


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.36 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

Instrument :

BNA_G

ClientSampleId :

PB81364BL

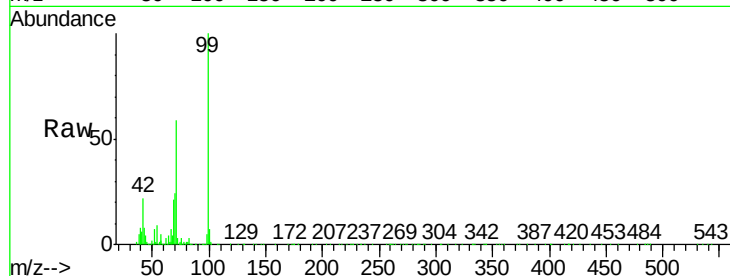
Tgt Ion: 99 Resp: 1193852

Ion Ratio Lower Upper

99 100

42 21.9 18.1 27.1

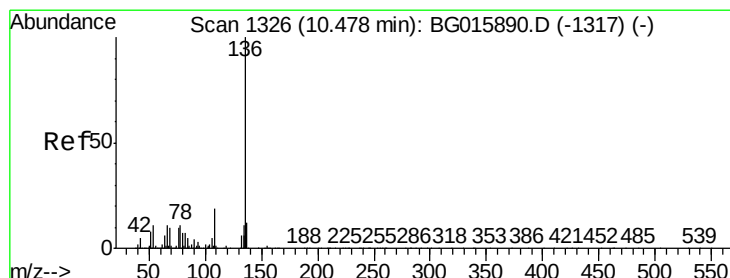
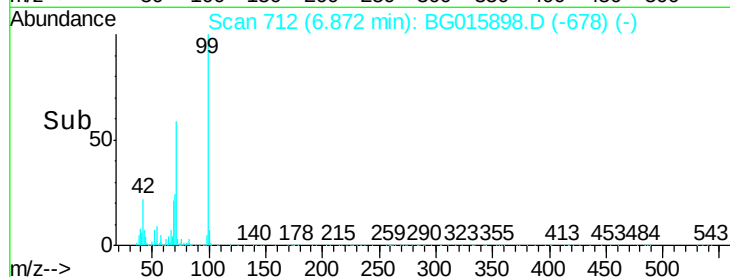
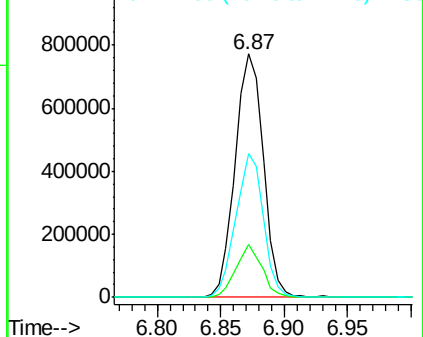
71 59.1 49.8 74.8



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# 1325

Delta R.T. -0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

Tgt Ion: 136 Resp: 365501

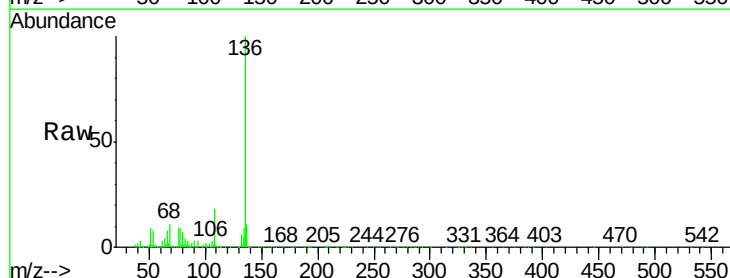
Ion Ratio Lower Upper

136 100

137 10.7 9.7 14.5

54 8.4 8.5 12.7#

68 11.2 8.0 12.0

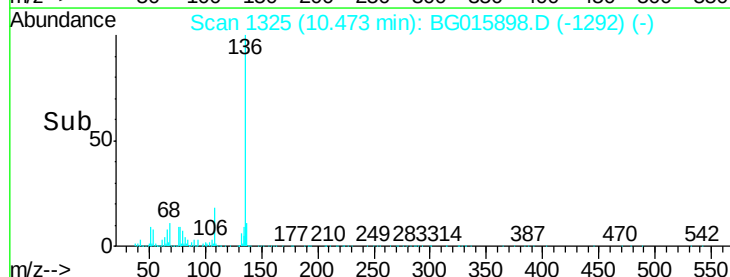
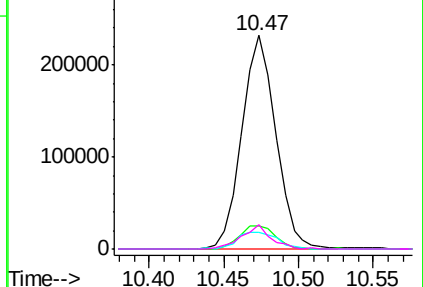


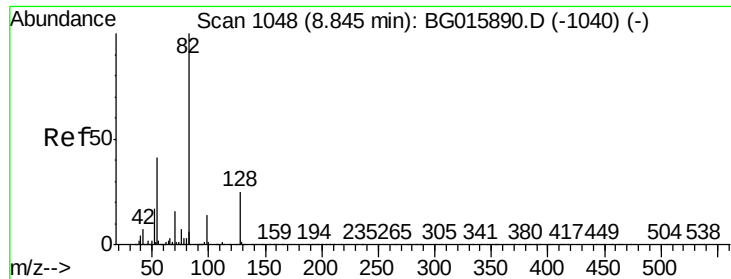
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

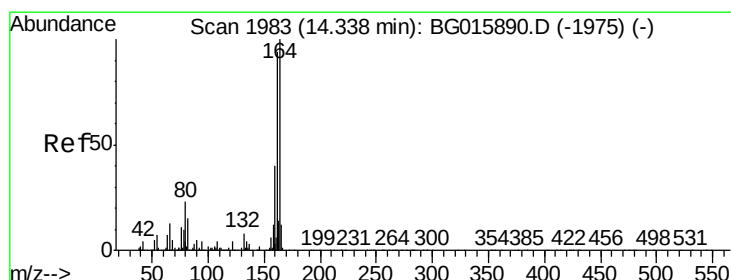
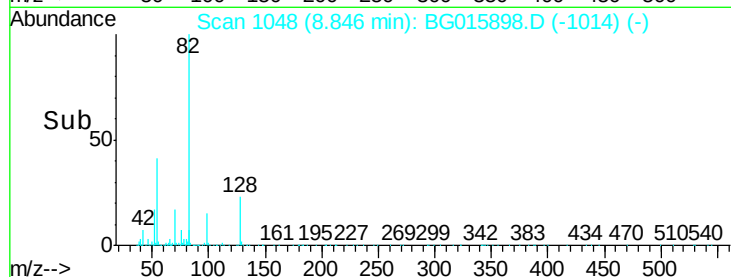
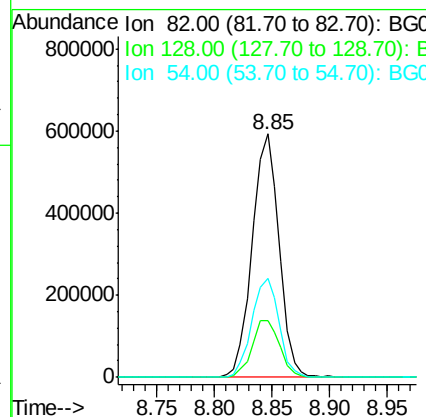
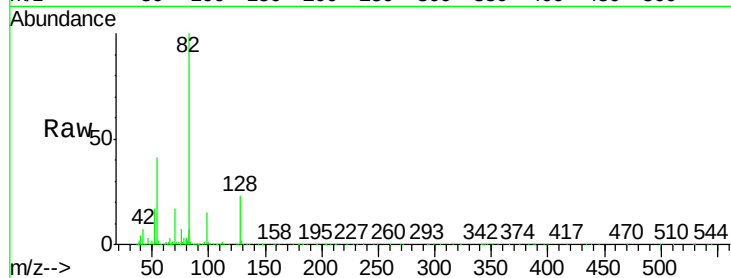




#23
 Nitrobenzene-d5
 Concen: 75.88 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG015898.D
 Acq: 20 Jan 2015 19:18

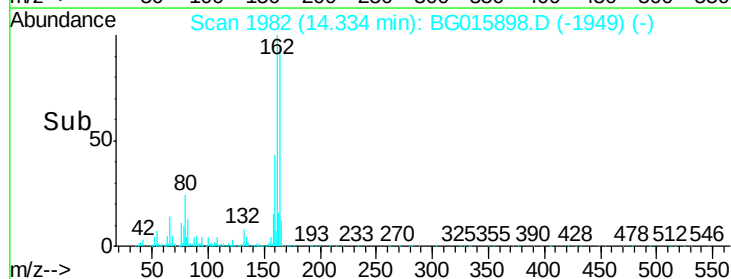
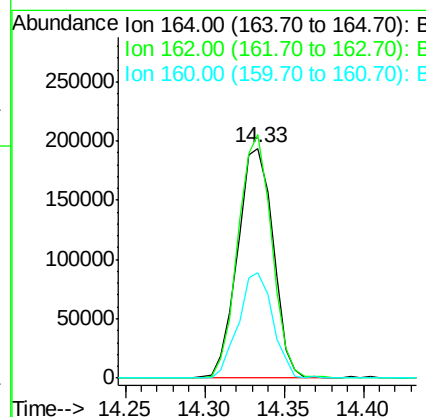
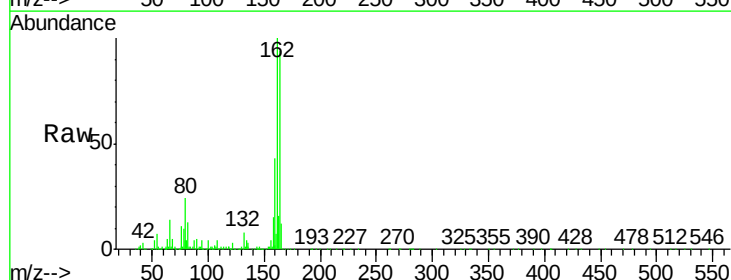
Instrument :
 BNA_G
 ClientSampleId :
 PB81364BL

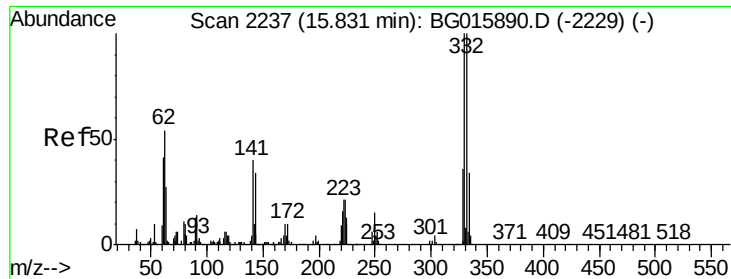
Tgt Ion	Ratio	Lower	Upper
82	100		
128	23.4	19.8	29.8
54	40.9	33.0	49.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG015898.D
 Acq: 20 Jan 2015 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	75.1	112.7
160	45.7	32.3	48.5

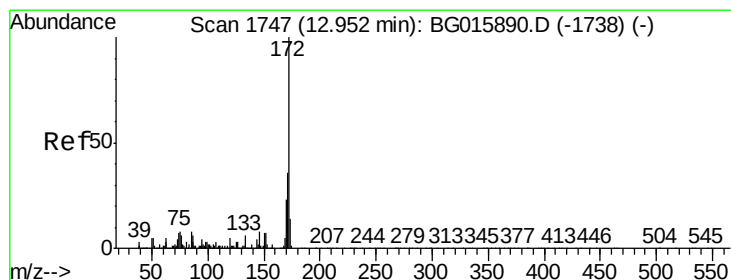
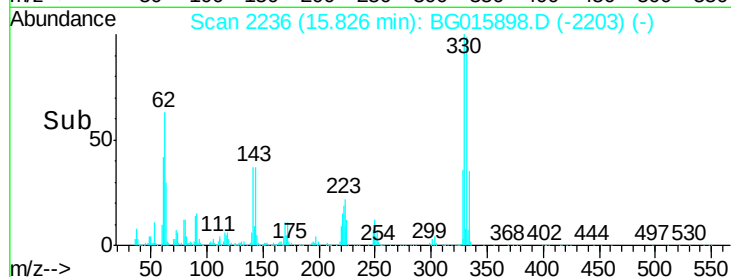
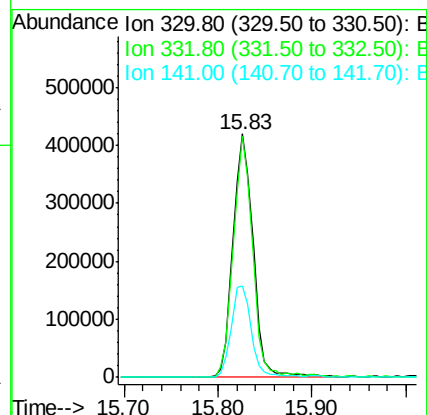
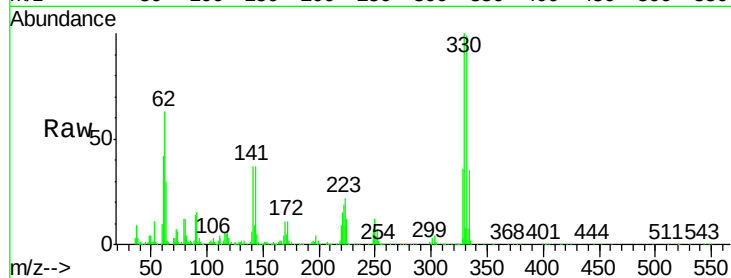




#41
2,4,6-Tribromophenol
Concen: 113.70 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

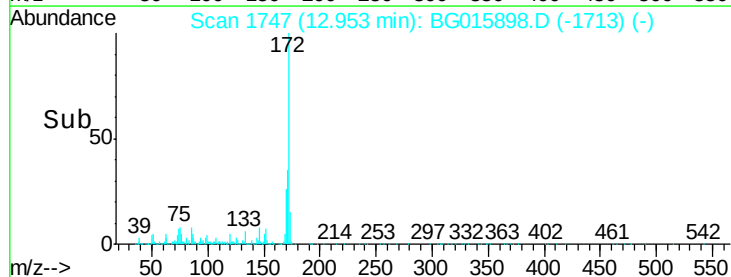
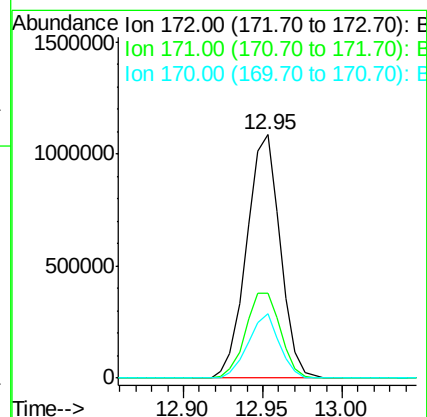
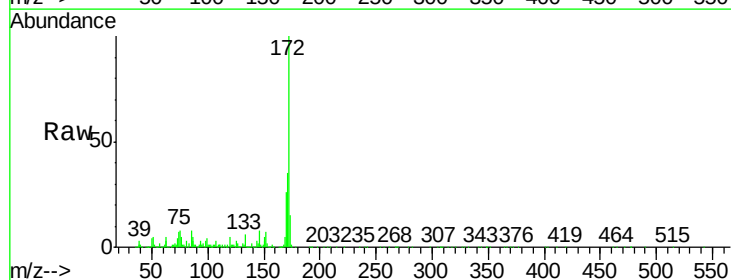
Instrument :
BNA_G
ClientSampleId :
PB81364BL

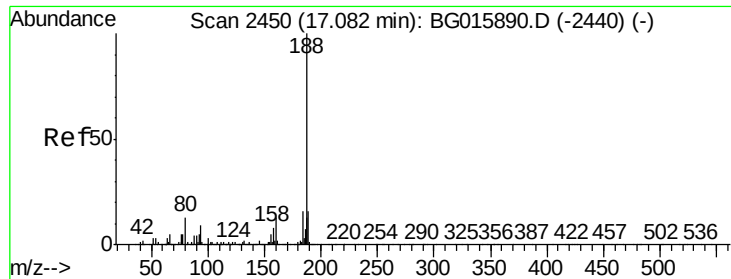
Tgt Ion:330 Resp: 628484
Ion Ratio Lower Upper
330 100
332 94.5 75.4 113.0
141 36.8 33.0 49.6



#44
2-Fluorobiphenyl
Concen: 82.63 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG015898.D
Acq: 20 Jan 2015 19:18

Tgt Ion:172 Resp: 1590178
Ion Ratio Lower Upper
172 100
171 35.1 29.2 43.8
170 26.3 18.6 27.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

Instrument :

BNA_G

ClientSampleId :

PB81364BL

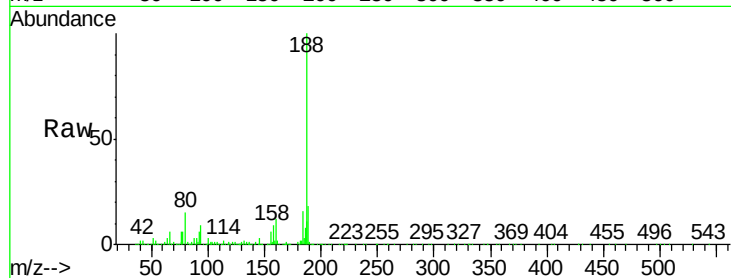
Tgt Ion:188 Resp: 841084

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

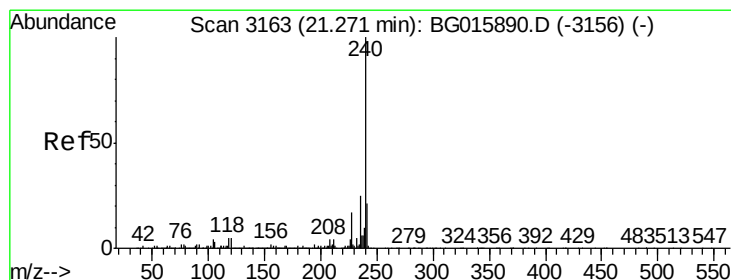
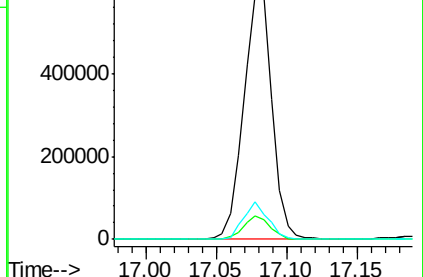
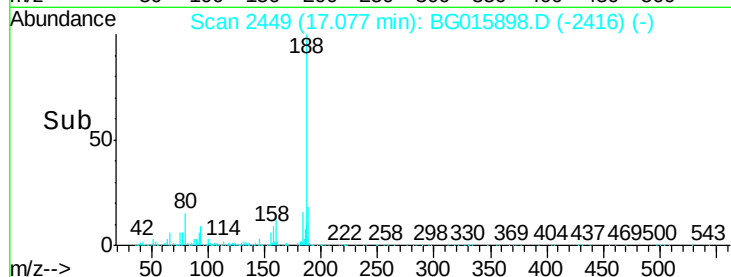
80 15.2 10.6 16.0



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: BG015898.D

Acq: 20 Jan 2015 19:18

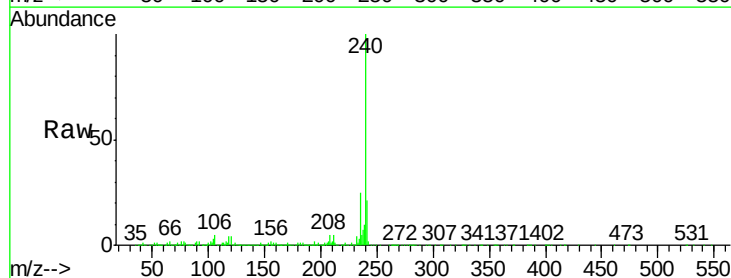
Tgt Ion:240 Resp: 1327406

Ion Ratio Lower Upper

240 100

120 4.1 3.9 5.9

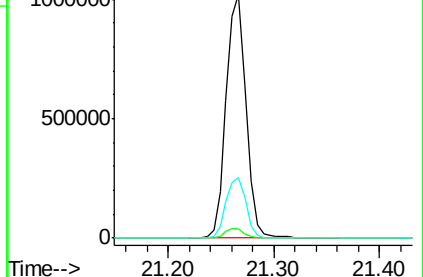
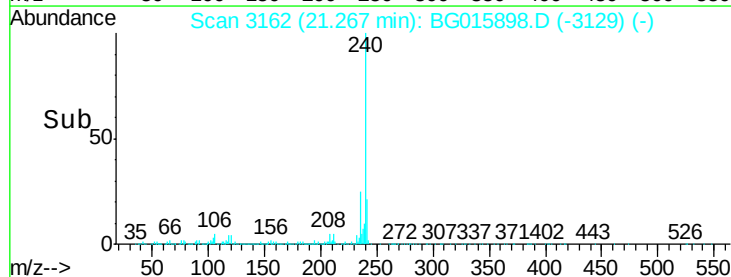
236 25.0 20.0 30.0

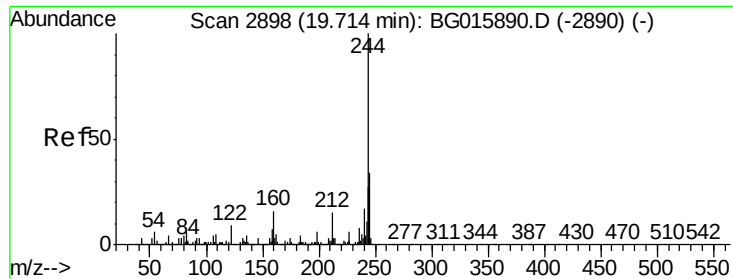


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.23 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015898.D

Acq: 20 Jan 2015 19:18

Instrument :

BNA_G

ClientSampleId :

PB81364BL

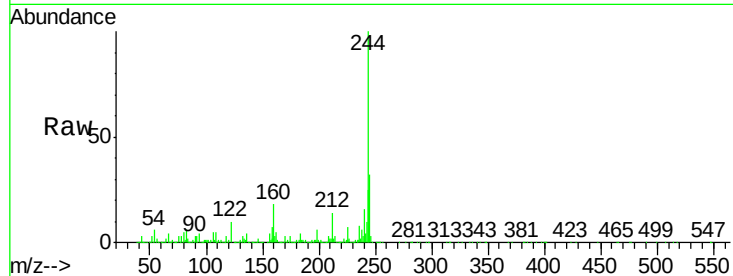
Tgt Ion:244 Resp: 3622098

Ion Ratio Lower Upper

244 100

212 14.0 11.6 17.4

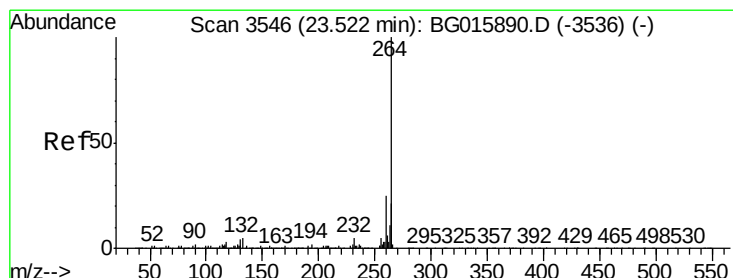
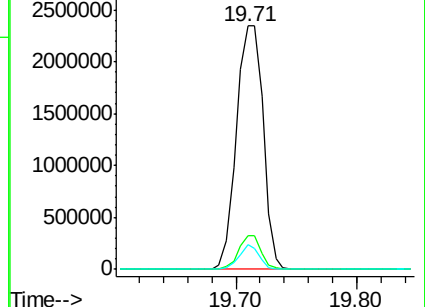
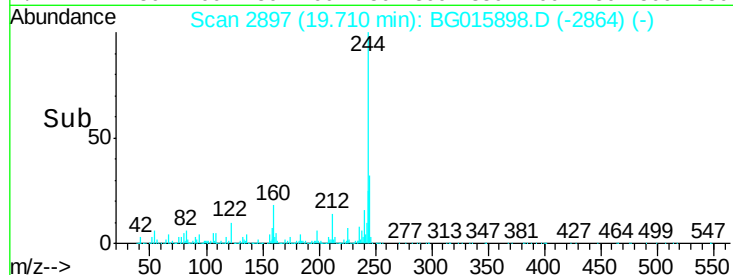
122 10.4 7.0 10.4



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: BG015898.D

Acq: 20 Jan 2015 19:18

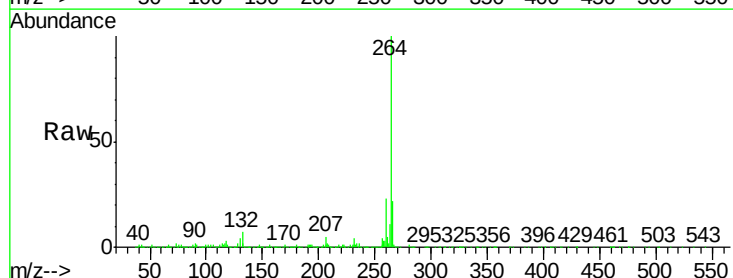
Tgt Ion:264 Resp: 1189352

Ion Ratio Lower Upper

264 100

260 22.6 19.7 29.5

265 22.4 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

