

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017626.D
 Acq On : 12 Jun 2015 1:08
 Operator : TP/IZ
 Sample : G2523-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-6-6-4-15

Quant Time: Jun 12 03:08:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 01:16:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	18144	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	83160	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	67157	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	173162	20.00	ng	0.00
75) Chrysene-d12	21.16	240	203042	20.00	ng	0.00
86) Perylene-d12	23.35	264	192620	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	73846	71.70	ng	0.00
7) Phenol-d6	6.74	99	63625	45.35	ng	0.00
23) Nitrobenzene-d5	8.69	82	169447	101.72	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	145325	155.80	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	439581	98.74	ng	0.00
78) Terphenyl-d14	19.61	244	978321	99.59	ng	0.00

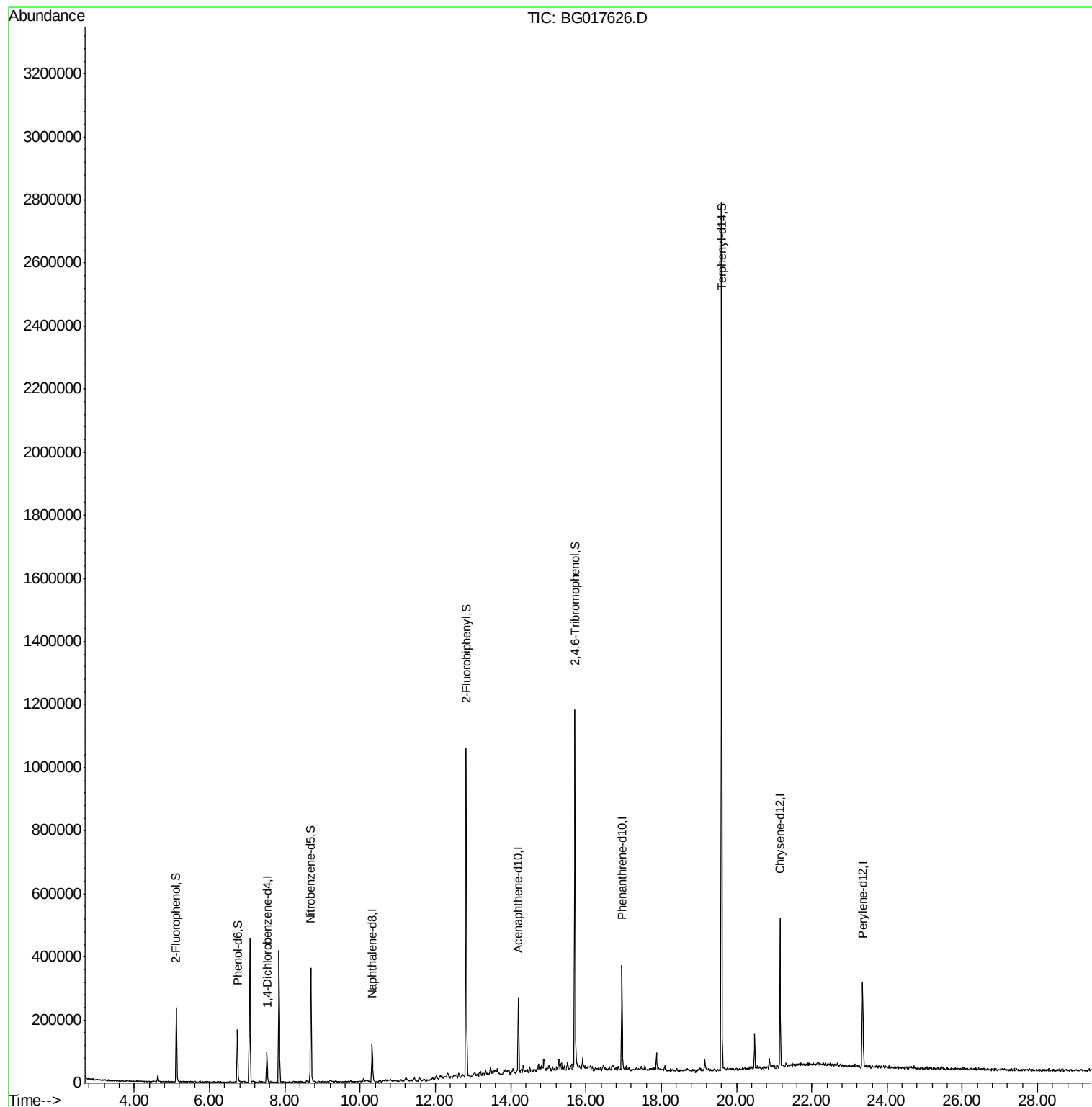
Target Compounds	Qvalue
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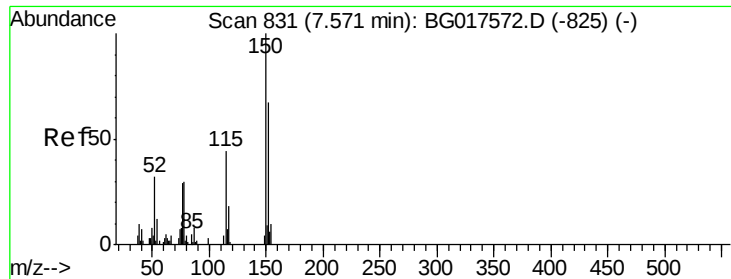
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :
PZ-6-6-4-15

Quant Time: Jun 12 03:08:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 01:16:03 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG017626.D

Acq: 12 Jun 2015 1:08

Instrument :

BNA_G

ClientSampleId :

PZ-6-6-4-15

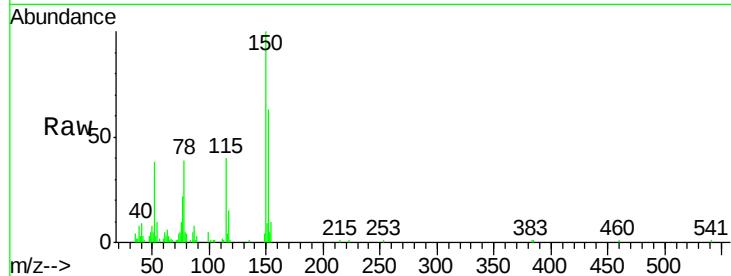
Tgt Ion:152 Resp: 18144

Ion Ratio Lower Upper

152 100

150 159.1 121.7 182.5

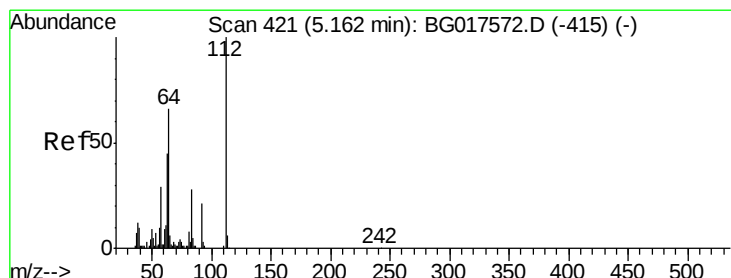
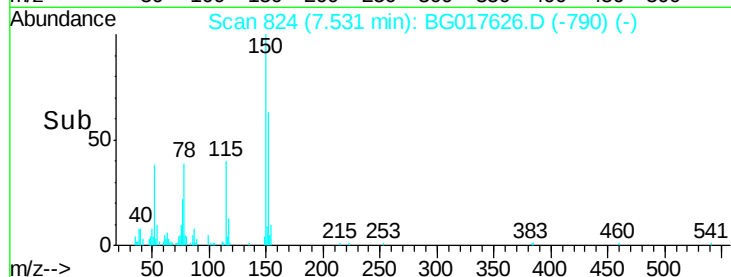
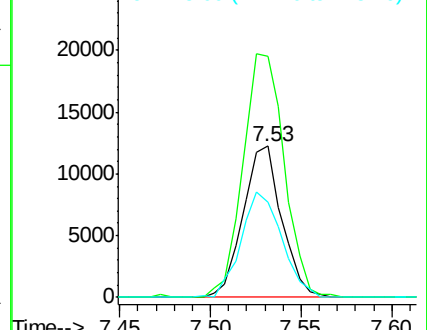
115 63.4 48.6 73.0



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: 71.70 ng

RT: 5.12 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG017626.D

Acq: 12 Jun 2015 1:08

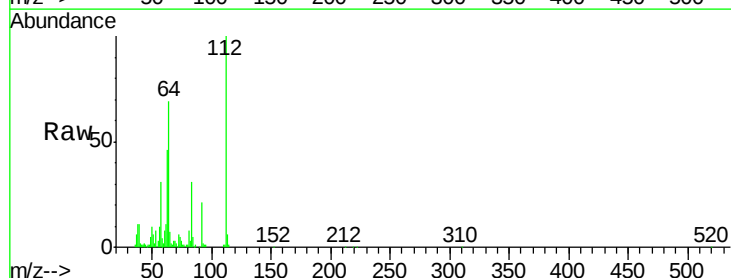
Tgt Ion:112 Resp: 73846

Ion Ratio Lower Upper

112 100

64 69.3 51.6 77.4

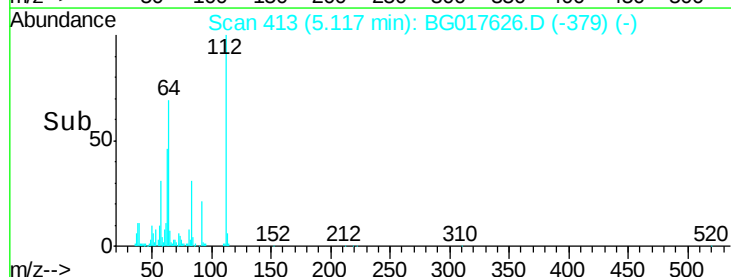
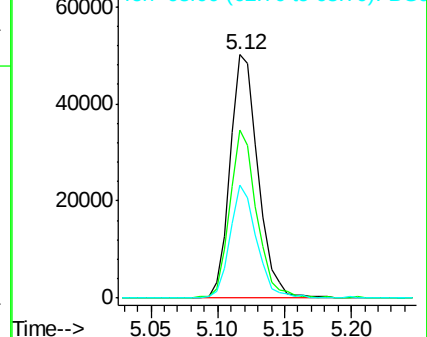
63 46.5 33.3 49.9

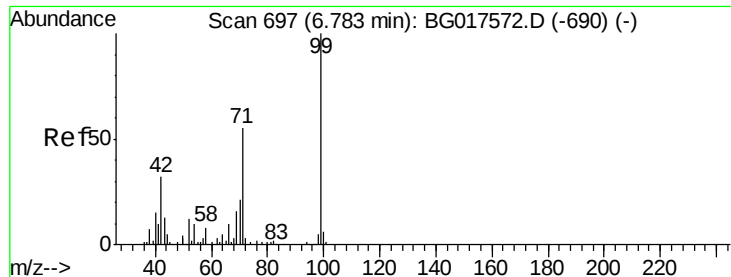


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 45.35 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017626.D

Acq: 12 Jun 2015 1:08

Instrument :

BNA_G

ClientSampled :

PZ-6-6-4-15

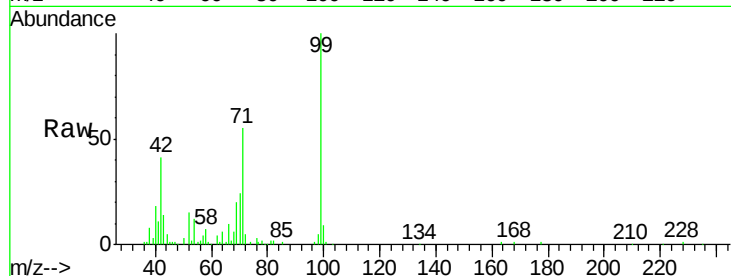
Tgt Ion: 99 Resp: 63625

Ion Ratio Lower Upper

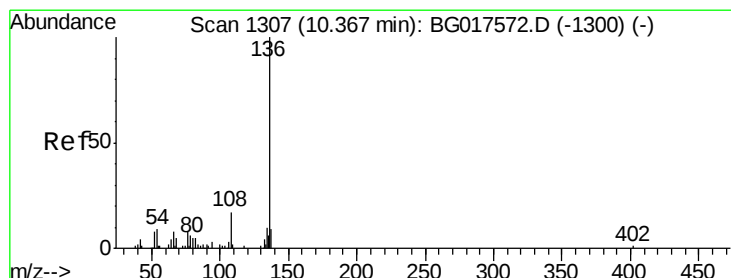
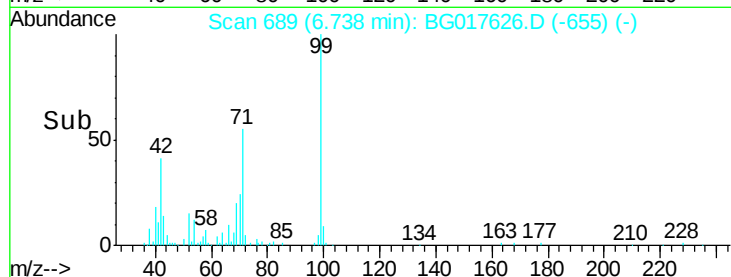
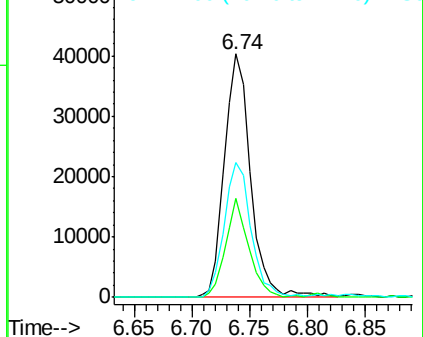
99 100

42 40.5 21.0 31.6#

71 55.4 37.2 55.8



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: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017626.D

Acq: 12 Jun 2015 1:08

Tgt Ion: 136 Resp: 83160

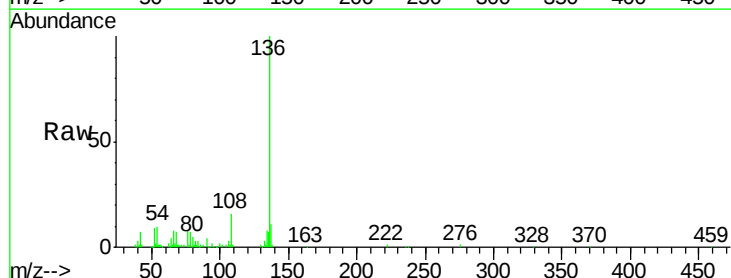
Ion Ratio Lower Upper

136 100

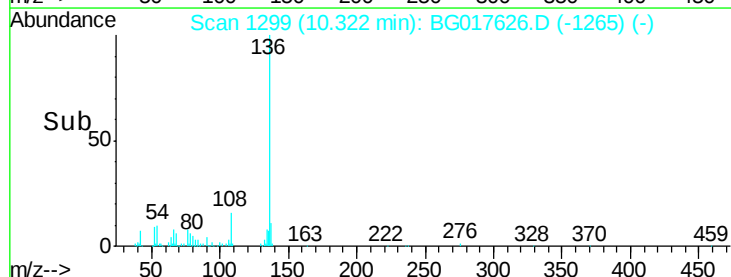
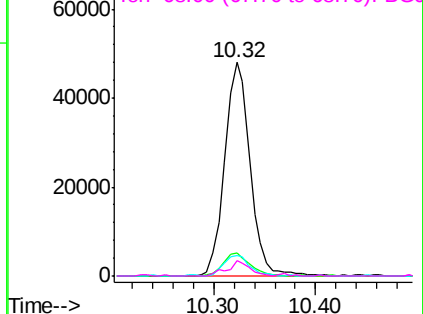
137 10.9 7.9 11.9

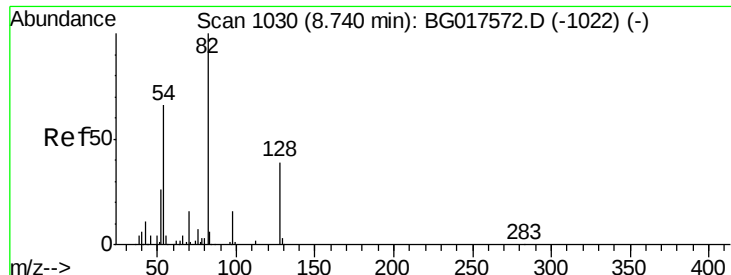
54 9.8 7.2 10.8

68 7.0 4.5 6.7#



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

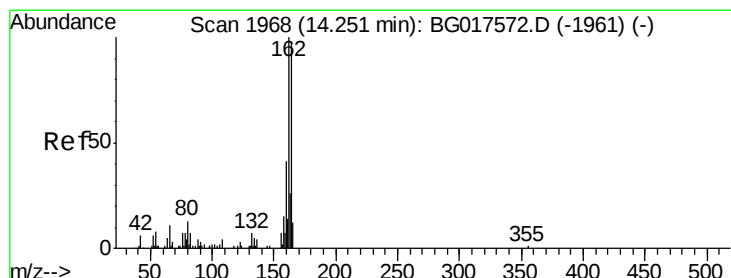
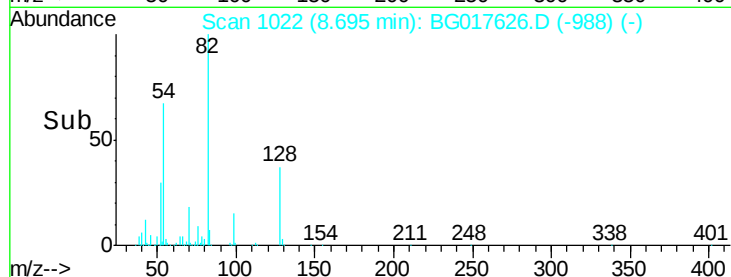
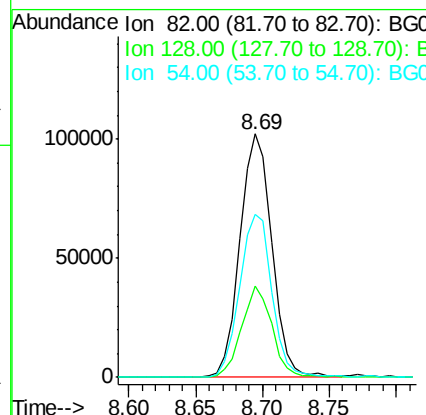
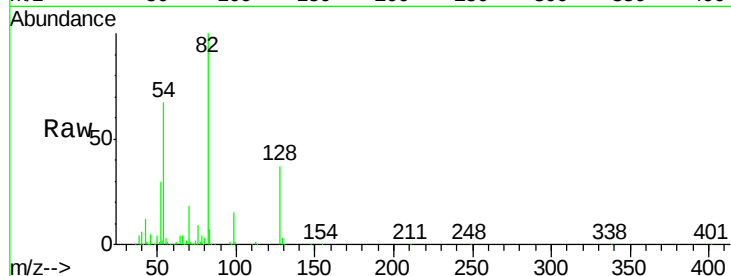




#23
 Nitrobenzene-d5
 Concen: 101.72 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017626.D
 Acq: 12 Jun 2015 1:08

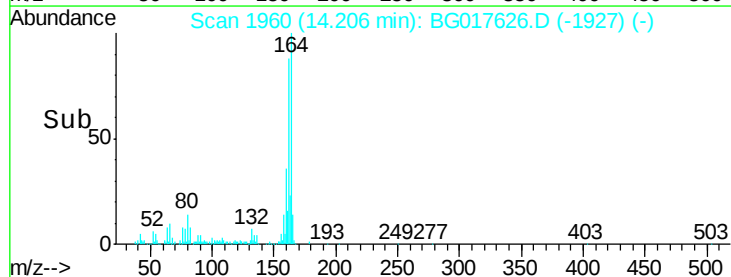
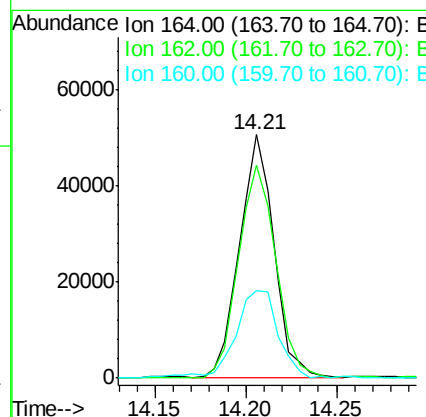
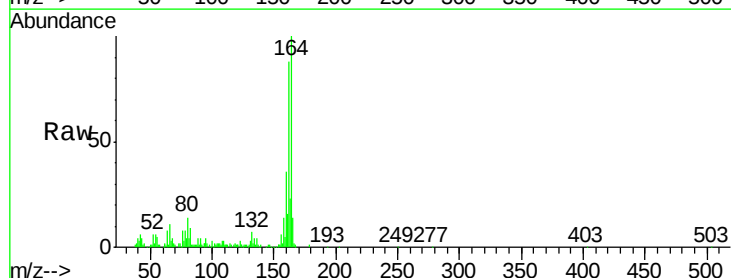
Instrument :
 BNA_G
 ClientSampleId :
 PZ-6-6-4-15

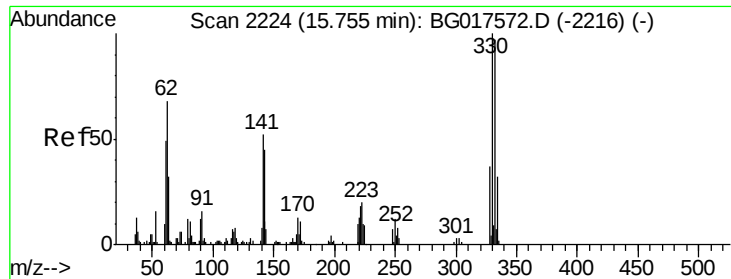
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	32.2	48.4
54	66.8	47.4	71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017626.D
 Acq: 12 Jun 2015 1:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	87.6	81.8	122.6
160	36.0	31.0	46.4

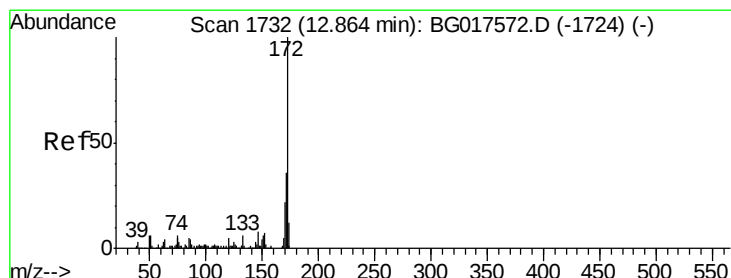
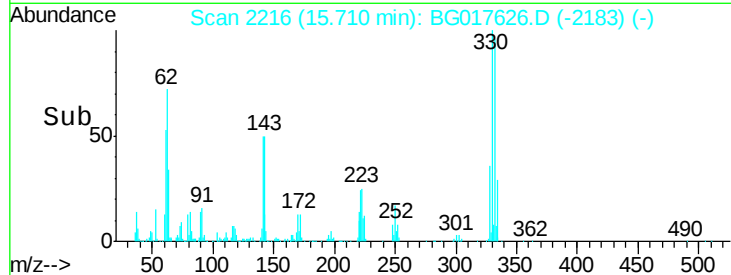
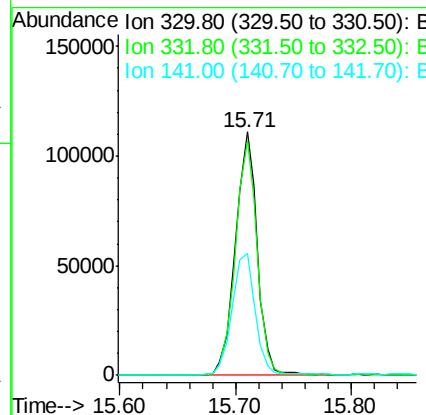
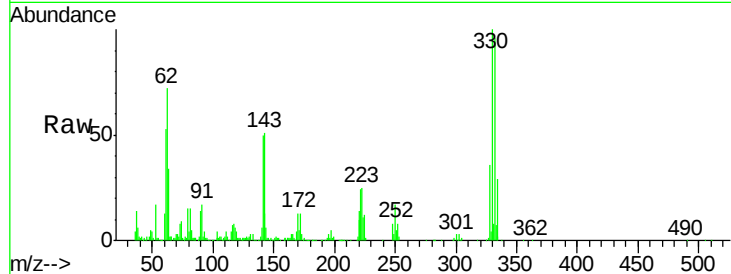




#41
 2,4,6-Tribromophenol
 Concen: 155.80 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017626.D
 Acq: 12 Jun 2015 1:08

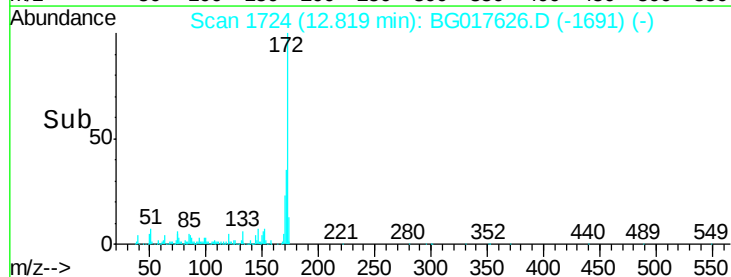
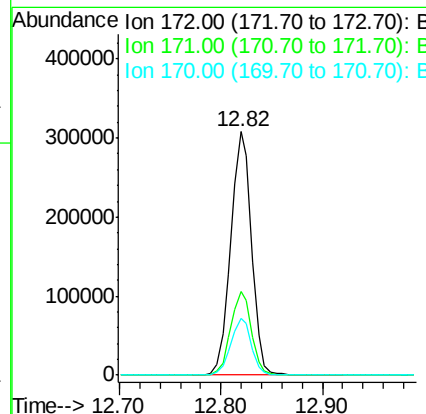
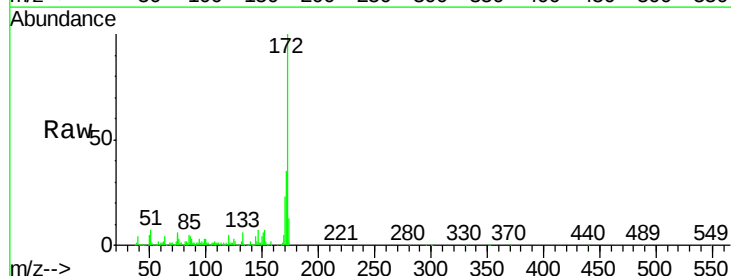
Instrument :
 BNA_G
 ClientSampleId :
 PZ-6-6-4-15

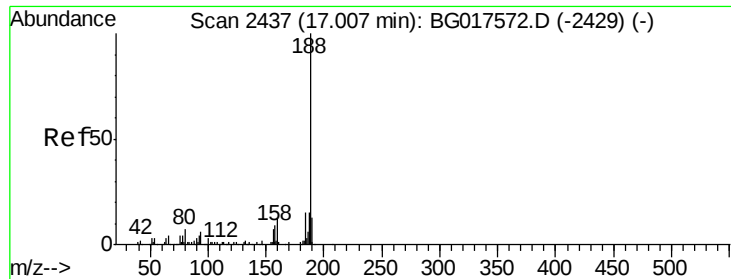
Tgt Ion: 330 Resp: 145325
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 53.2 40.2 60.4



#44
 2-Fluorobiphenyl
 Concen: 98.74 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017626.D
 Acq: 12 Jun 2015 1:08

Tgt Ion: 172 Resp: 439581
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.0 43.6
 170 23.3 18.9 28.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017626.D

Acq: 12 Jun 2015 1:08

Instrument :

BNA_G

ClientSampleId :

PZ-6-6-4-15

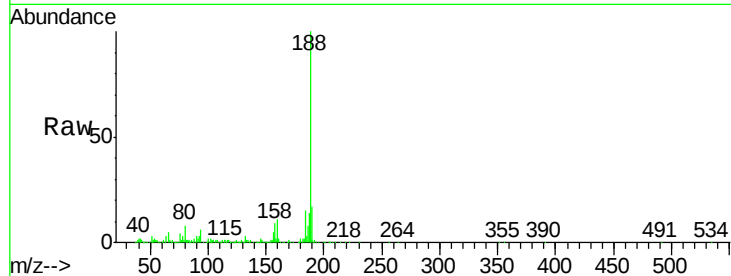
Tgt Ion:188 Resp: 173162

Ion Ratio Lower Upper

188 100

94 6.5 6.3 9.5

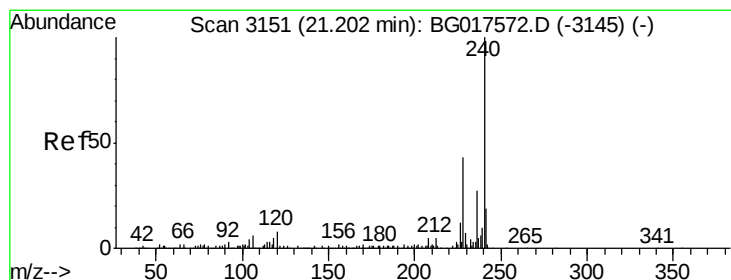
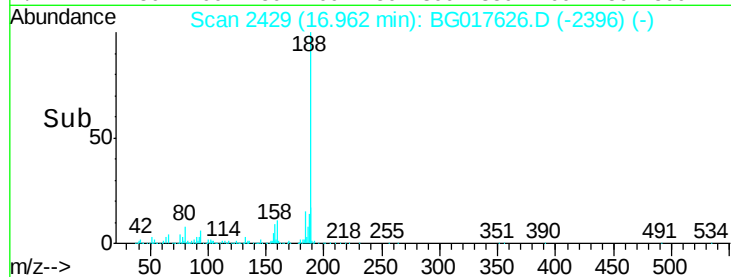
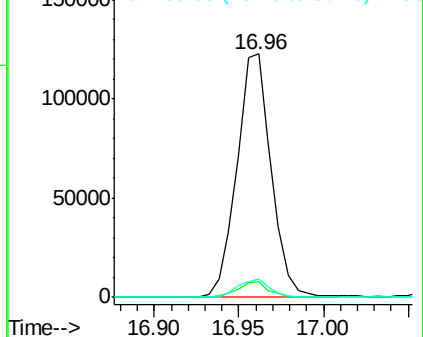
80 7.7 5.2 7.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG017626.D

Acq: 12 Jun 2015 1:08

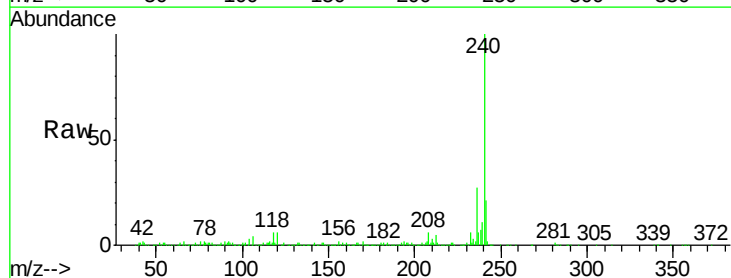
Tgt Ion:240 Resp: 203042

Ion Ratio Lower Upper

240 100

120 5.7 6.5 9.7#

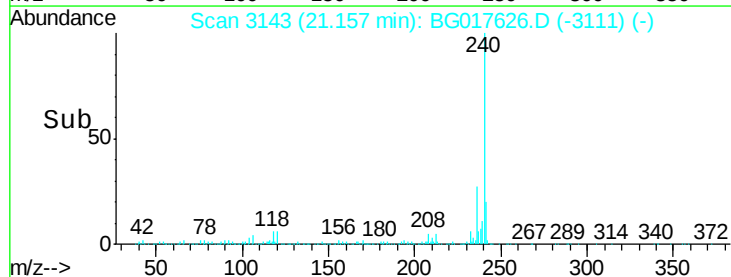
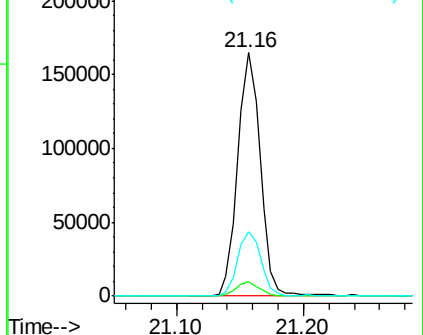
236 26.6 20.8 31.2

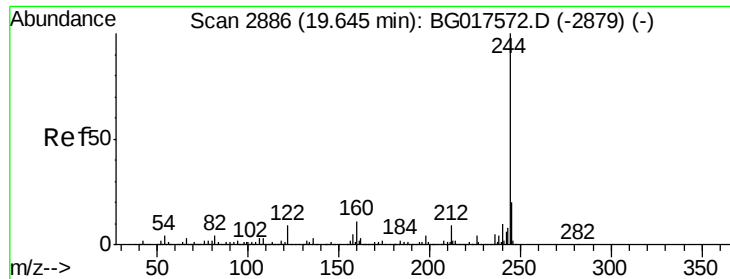


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.59 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017626.D

Acq: 12 Jun 2015 1:08

Instrument :

BNA_G

ClientSampleId :

PZ-6-6-4-15

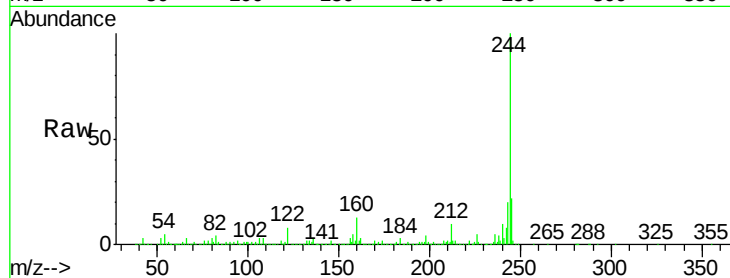
Tgt Ion:244 Resp: 978321

Ion Ratio Lower Upper

244 100

212 9.6 6.4 9.6

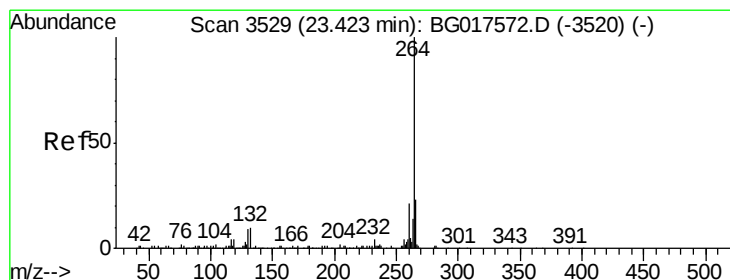
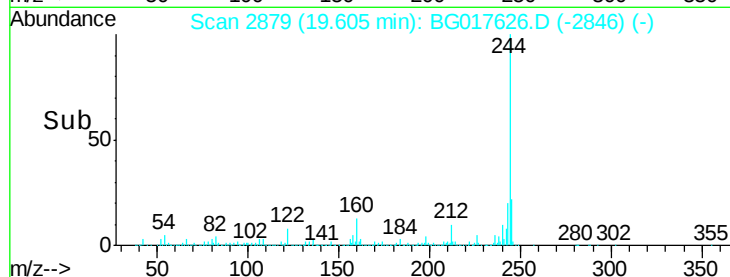
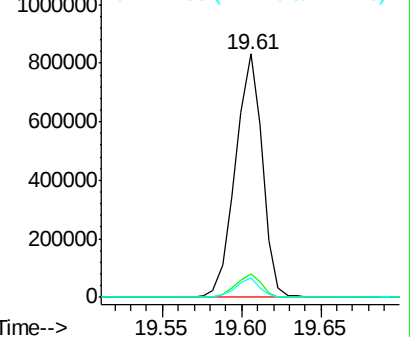
122 7.8 6.6 10.0



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: 23.35 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BG017626.D

Acq: 12 Jun 2015 1:08

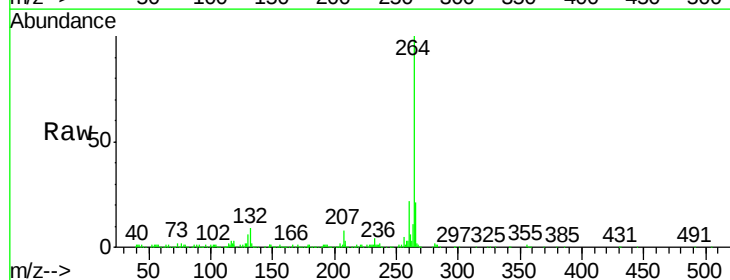
Tgt Ion:264 Resp: 192620

Ion Ratio Lower Upper

264 100

260 21.7 18.2 27.4

265 21.0 15.8 23.6



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

