

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017661.D
 Acq On : 13 Jun 2015 6:38
 Operator : TP/IZ
 Sample : G2536-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-26(FILTERED)

Quant Time: Jun 15 04:38:20 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	17277	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	65365	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	50189	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	144885	20.00	ng	0.00
75) Chrysene-d12	21.16	240	206335	20.00	ng	0.00
86) Perylene-d12	23.36	264	206683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	67174	75.30	ng	0.00
7) Phenol-d6	6.74	99	54860	41.97	ng	0.00
23) Nitrobenzene-d5	8.69	82	162360	104.27	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	157467	181.76	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	398194	109.73	ng	0.00
78) Terphenyl-d14	19.60	244	776592	78.52	ng	0.00

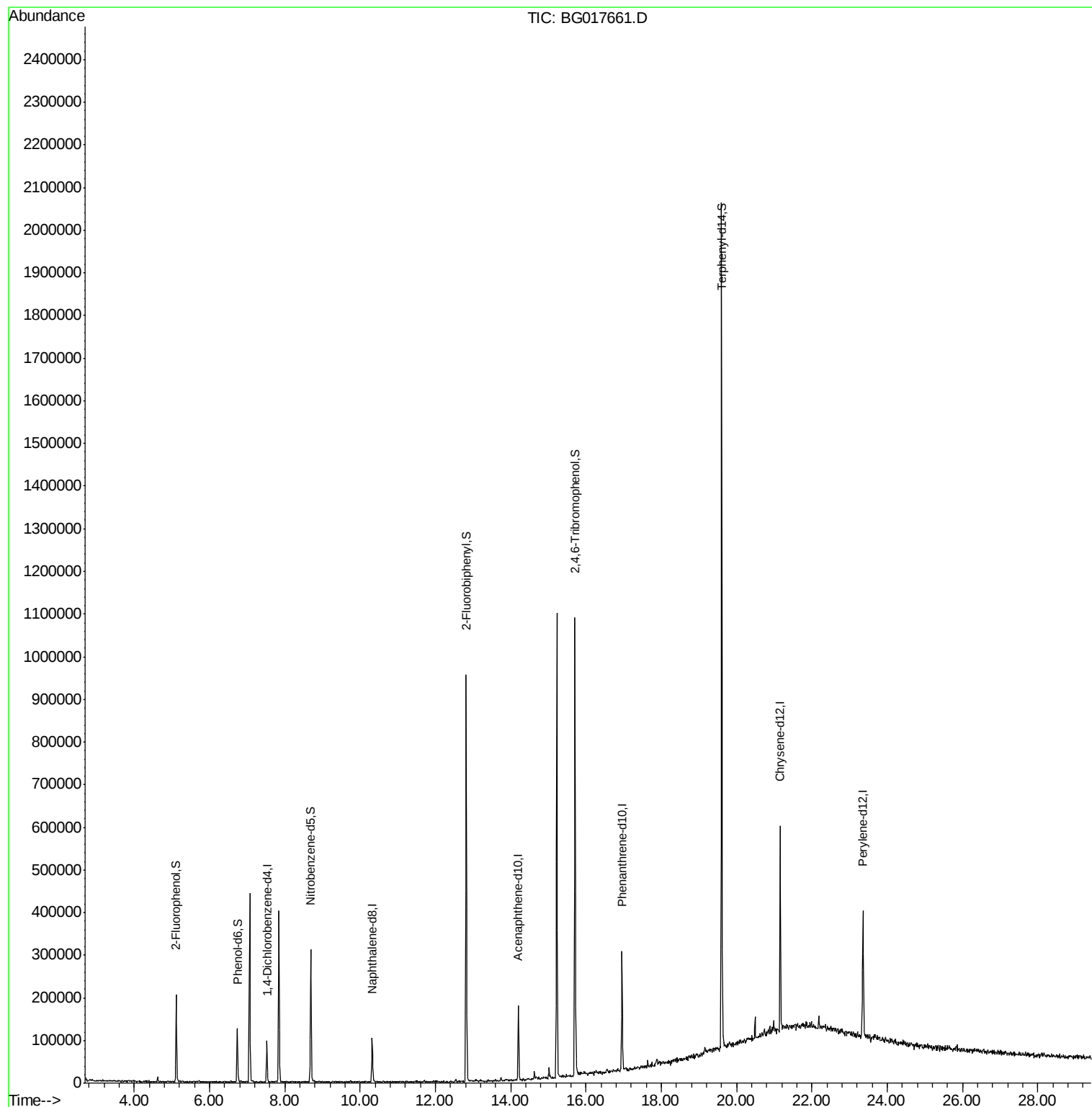
Target Compounds	Qvalue
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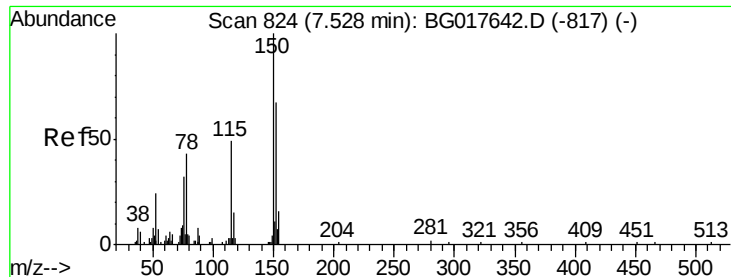
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

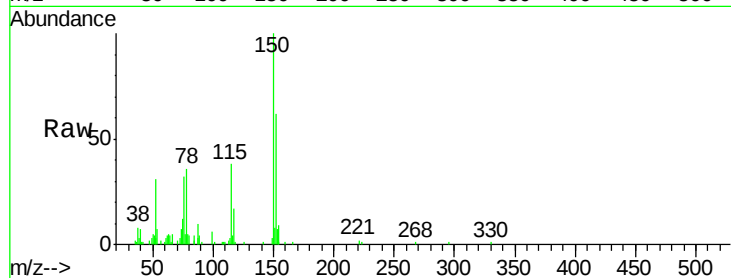
Tgt Ion:152 Resp: 17277

Ion Ratio Lower Upper

152 100

150 161.6 119.4 179.0

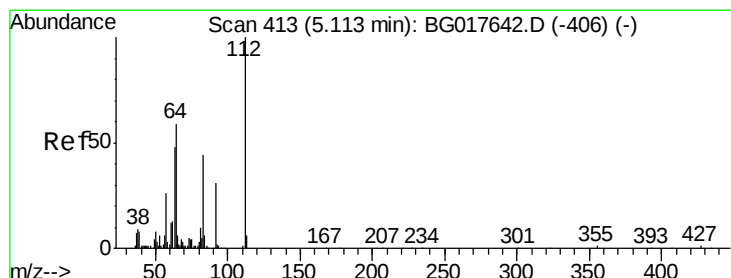
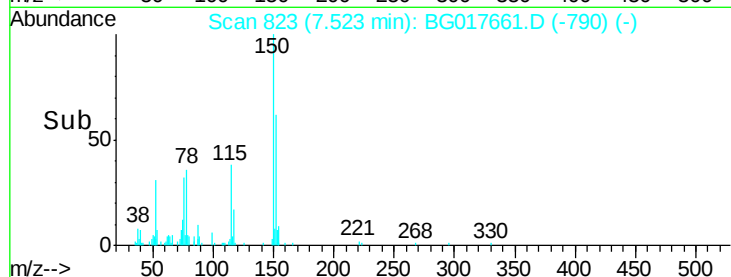
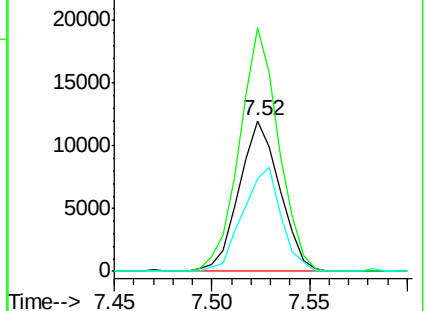
115 61.3 58.2 87.2



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: 75.30 ng

RT: 5.11 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

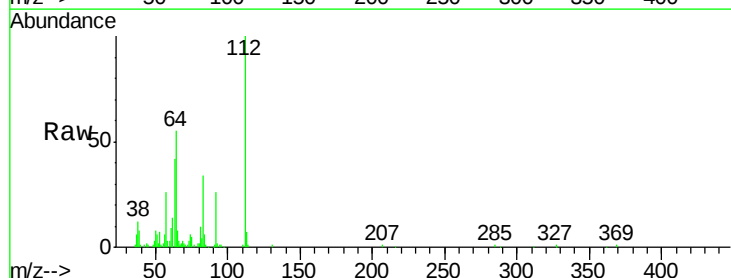
Tgt Ion:112 Resp: 67174

Ion Ratio Lower Upper

112 100

64 55.5 47.0 70.6

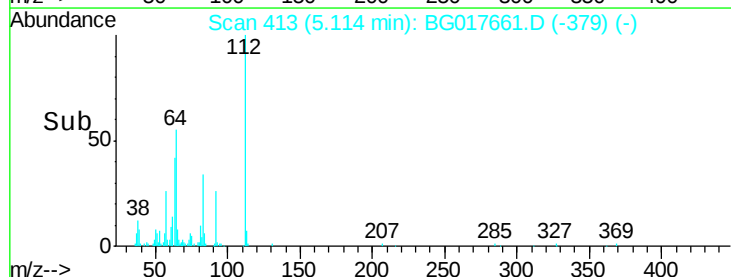
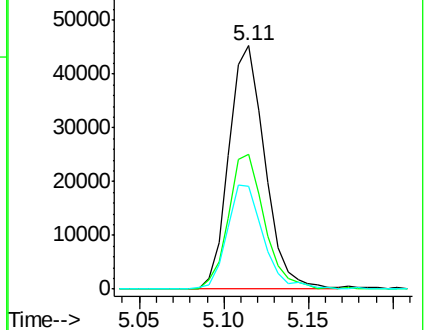
63 42.3 38.6 58.0

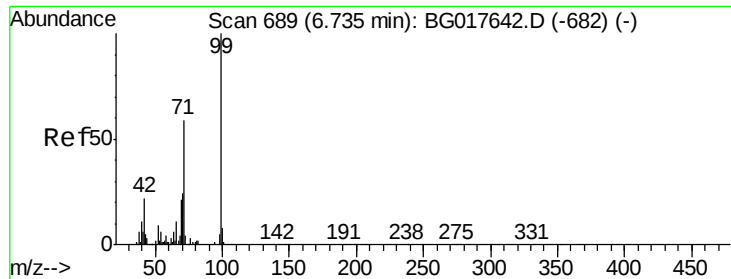


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 41.97 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

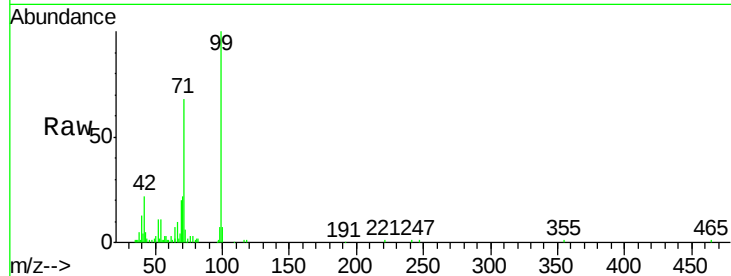
Tgt Ion: 99 Resp: 54860

Ion Ratio Lower Upper

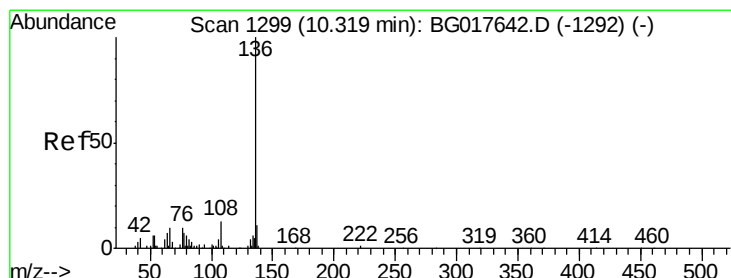
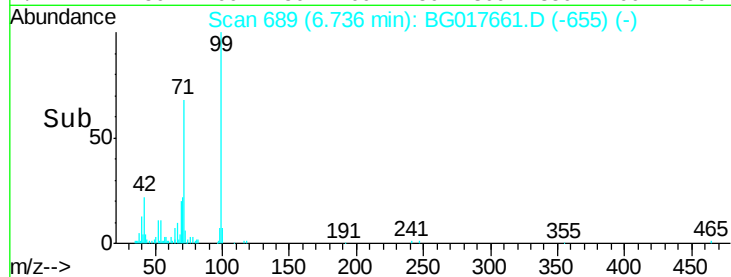
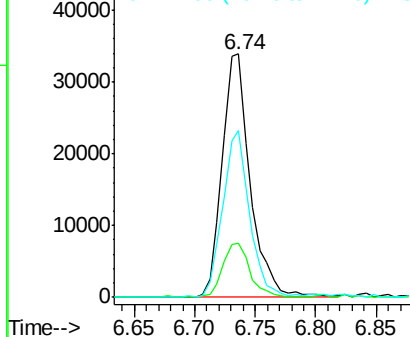
99 100

42 22.2 17.4 26.2

71 68.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Tgt Ion: 136 Resp: 65365

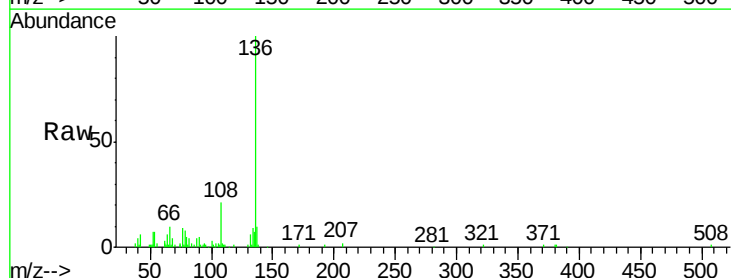
Ion Ratio Lower Upper

136 100

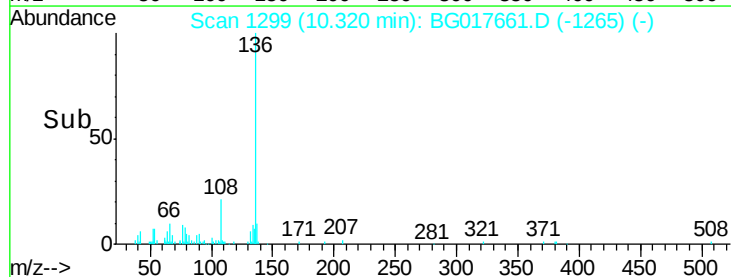
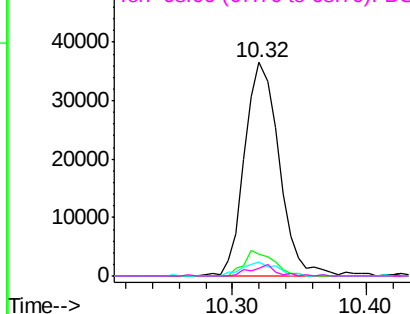
137 10.2 8.7 13.1

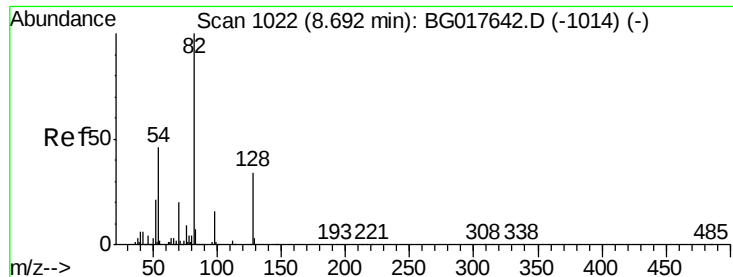
54 6.9 4.7 7.1

68 3.6 2.4 3.6



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

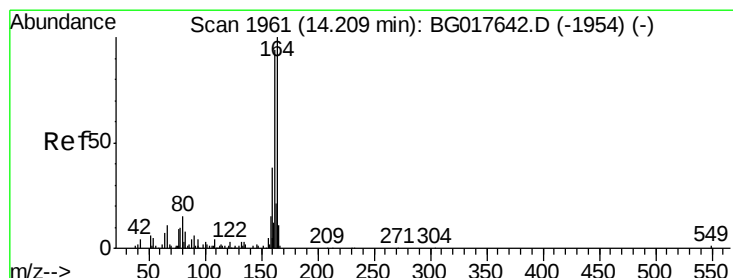
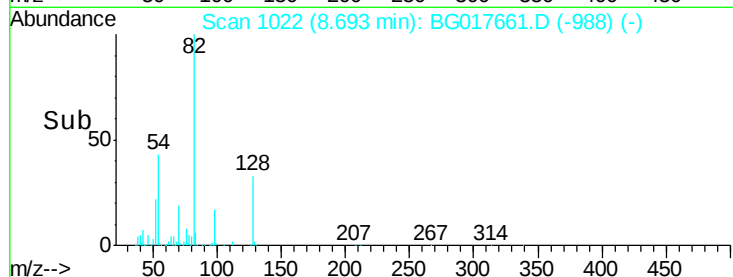
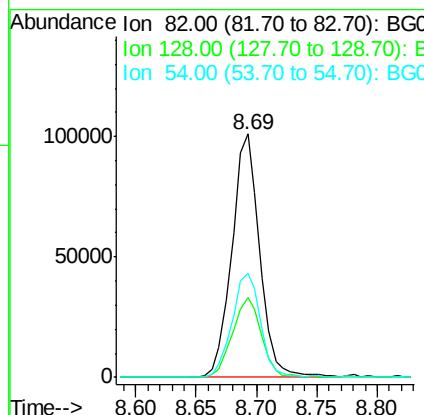
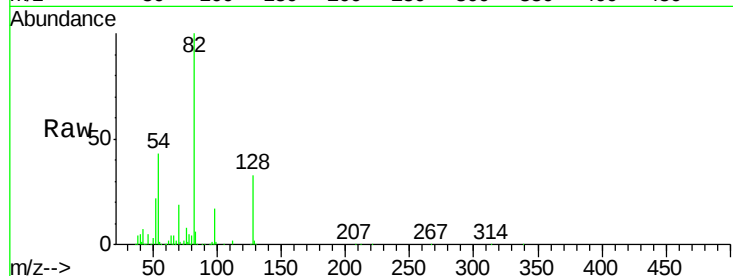




#23
 Nitrobenzene-d5
 Concen: 104.27 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017661.D
 Acq: 13 Jun 2015 6:38

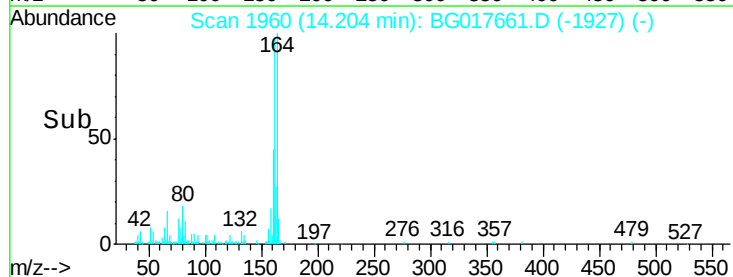
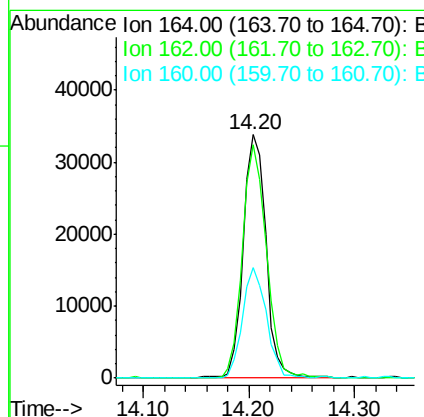
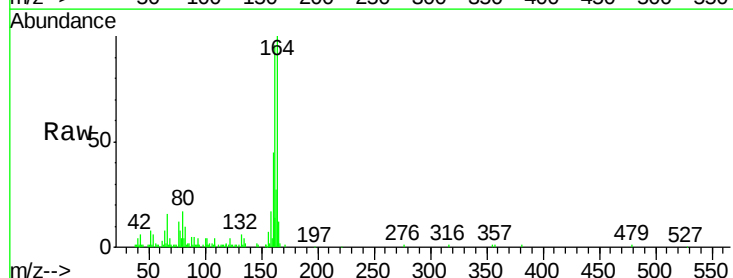
Instrument :
 BNA_G
 ClientSampleId :
 P5-26(FILTERED)

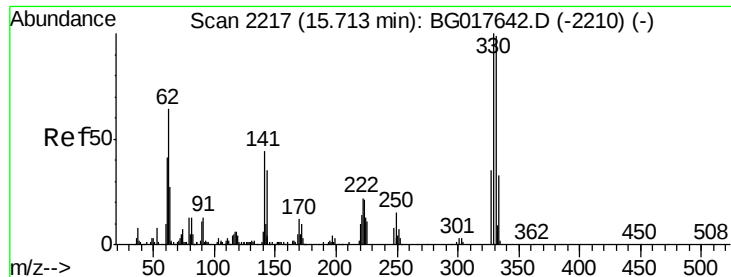
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	27.3	40.9
54	42.6	37.0	55.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG017661.D
 Acq: 13 Jun 2015 6:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.0	75.0	112.4
160	45.2	30.3	45.5

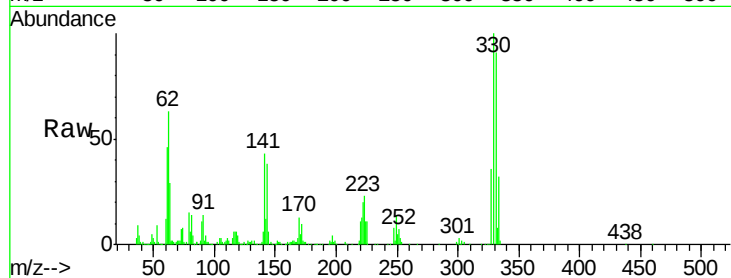




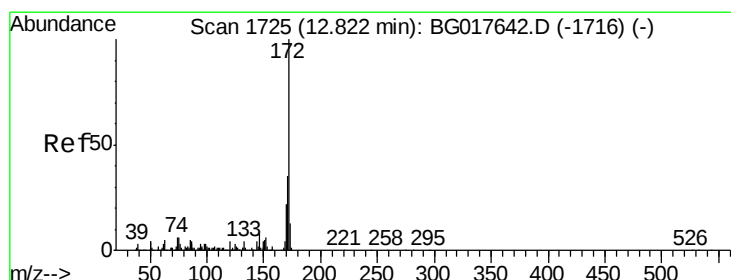
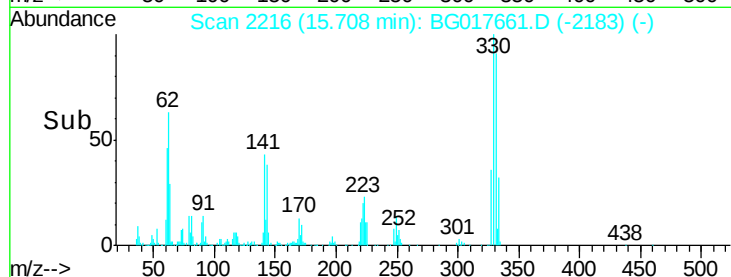
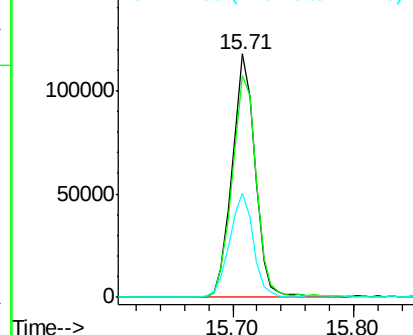
#41
 2,4,6-Tribromophenol
 Concen: 181.76 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017661.D
 Acq: 13 Jun 2015 6:38

Instrument :
 BNA_G
 ClientSampleId :
 P5-26(FILTERED)

Tgt Ion:330 Resp: 157467
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 43.6 34.6 51.8

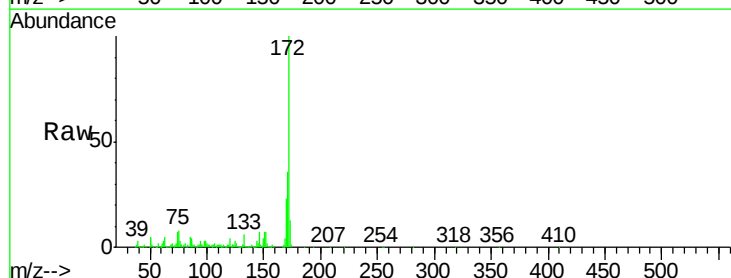


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

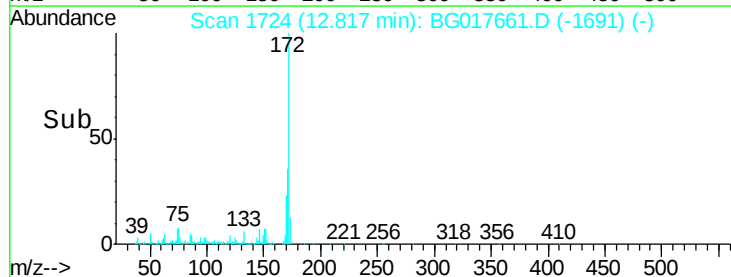
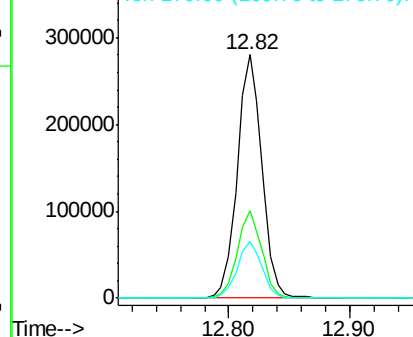


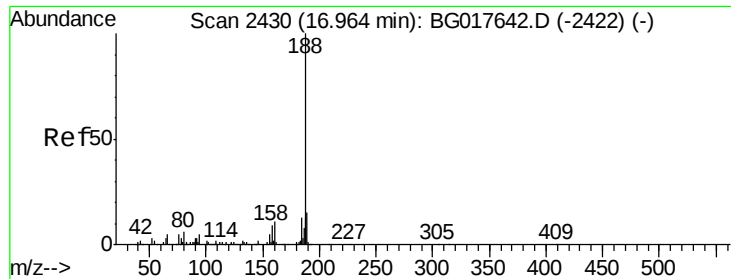
#44
 2-Fluorobiphenyl
 Concen: 109.73 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017661.D
 Acq: 13 Jun 2015 6:38

Tgt Ion:172 Resp: 398194
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 23.1 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

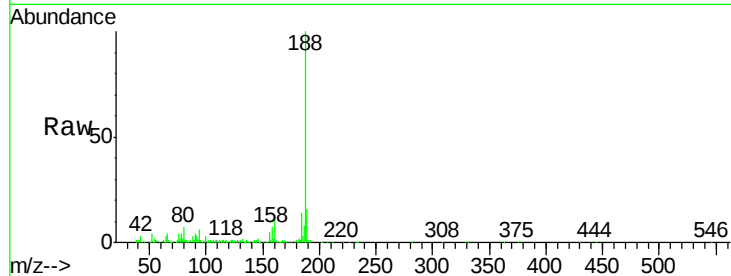
Tgt Ion:188 Resp: 144885

Ion Ratio Lower Upper

188 100

94 6.1 3.9 5.9#

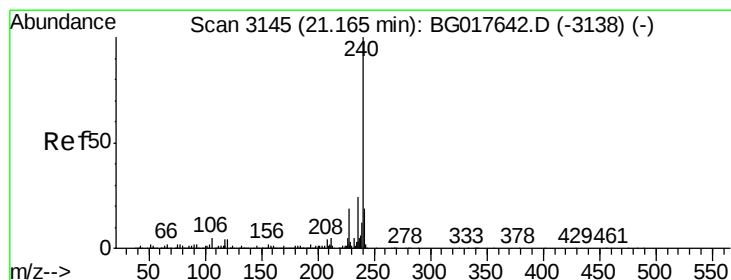
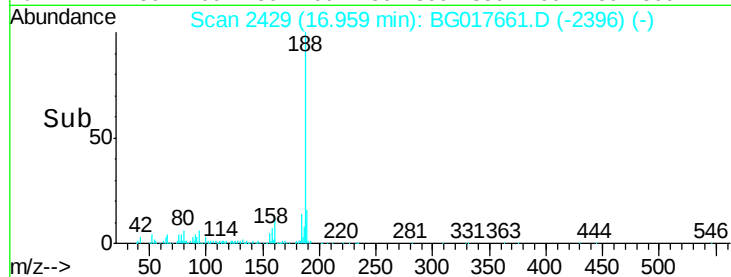
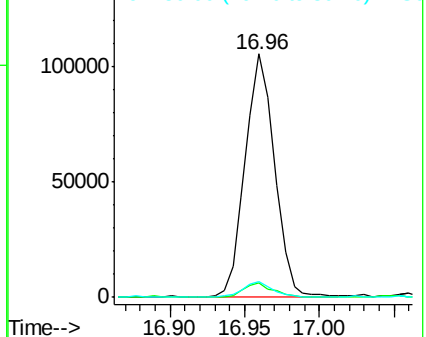
80 6.6 5.0 7.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

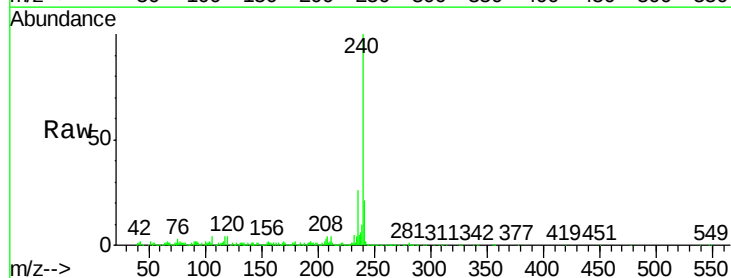
Tgt Ion:240 Resp: 206335

Ion Ratio Lower Upper

240 100

120 4.1 3.5 5.3

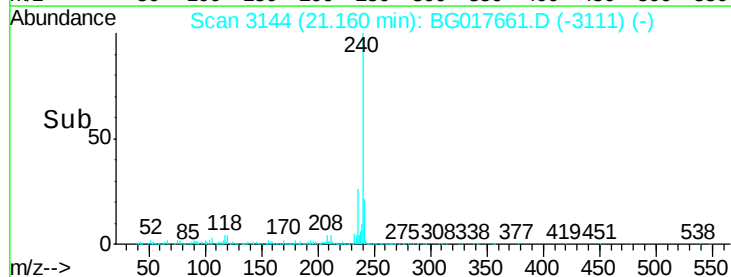
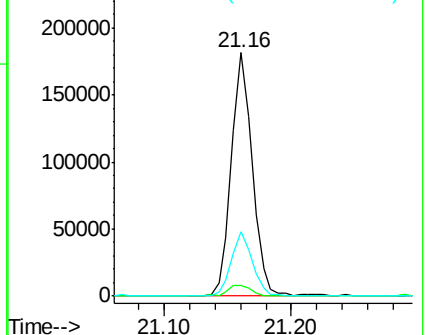
236 26.3 19.5 29.3

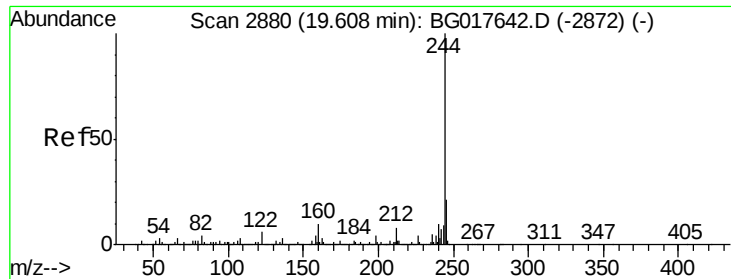


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.52 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

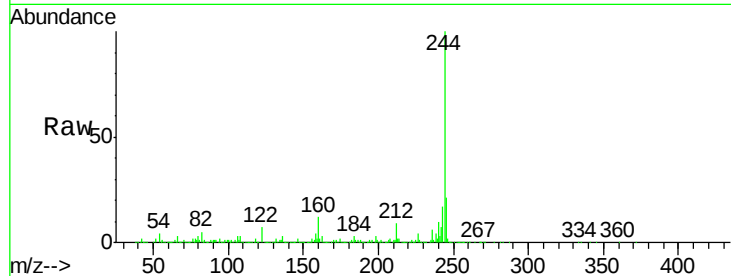
Tgt Ion:244 Resp: 776592

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

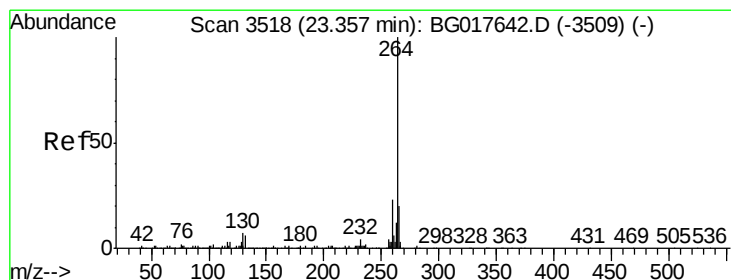
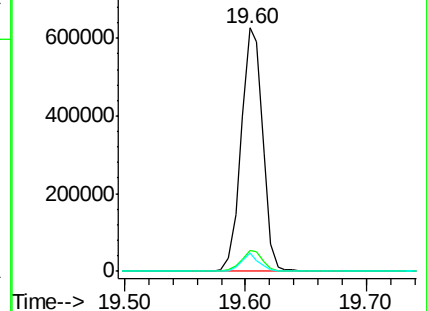
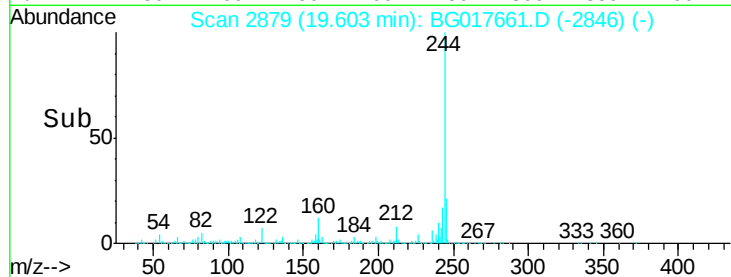
122 7.3 4.6 6.8#



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: BG017661.D

Acq: 13 Jun 2015 6:38

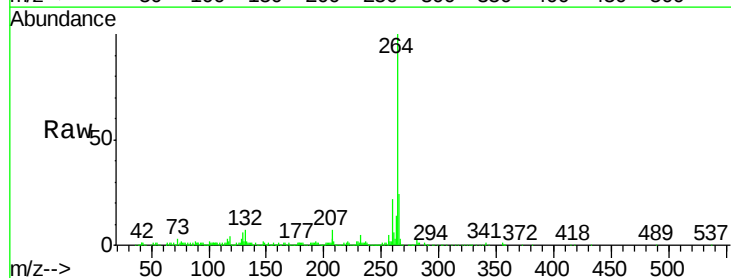
Tgt Ion:264 Resp: 206683

Ion Ratio Lower Upper

264 100

260 22.0 18.3 27.5

265 24.5 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

