

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017657.D
 Acq On : 13 Jun 2015 4:19
 Operator : TP/IZ
 Sample : G2627-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Quant Time: Jun 13 05:27:18 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 05:04:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	19226	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	63606	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	51981	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	149132	20.00	ng	0.00
75) Chrysene-d12	21.16	240	222019	20.00	ng	0.00
86) Perylene-d12	23.36	264	221888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	72386	72.92	ng	0.00
7) Phenol-d6	6.73	99	63676	43.78	ng	0.00
23) Nitrobenzene-d5	8.69	82	151736	100.14	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	144576	161.13	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	370186	98.50	ng	0.00
78) Terphenyl-d14	19.61	244	971449	91.28	ng	0.00

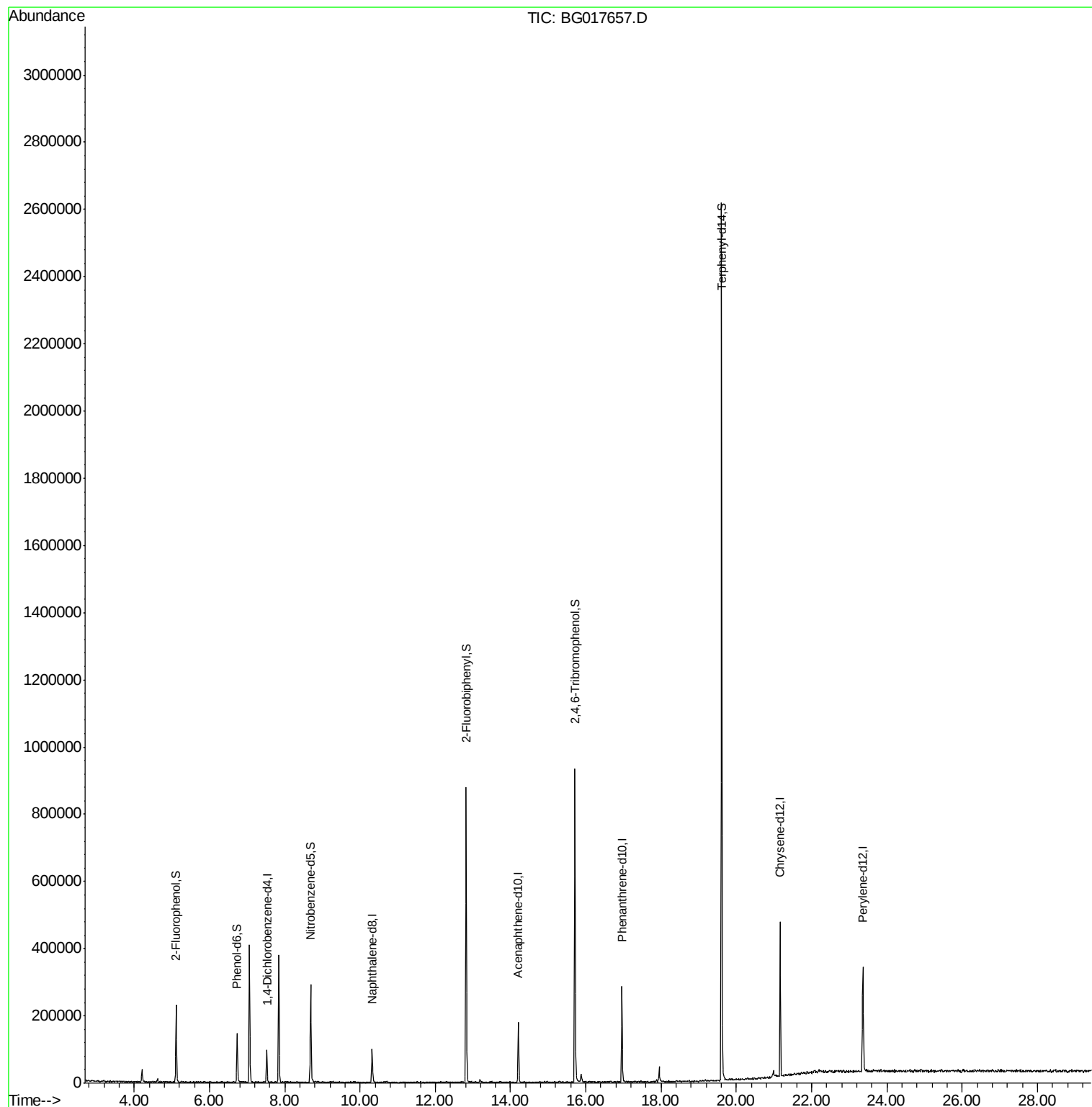
Target Compounds	Qvalue
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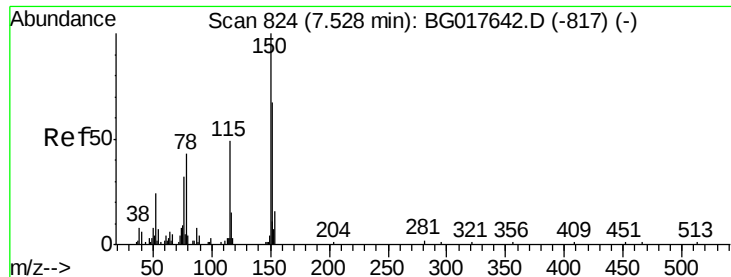
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 823

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampleId :

MW-28

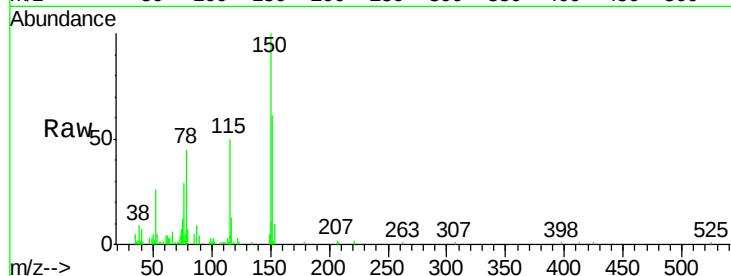
Tgt Ion:152 Resp: 19226

Ion Ratio Lower Upper

152 100

150 162.9 119.4 179.0

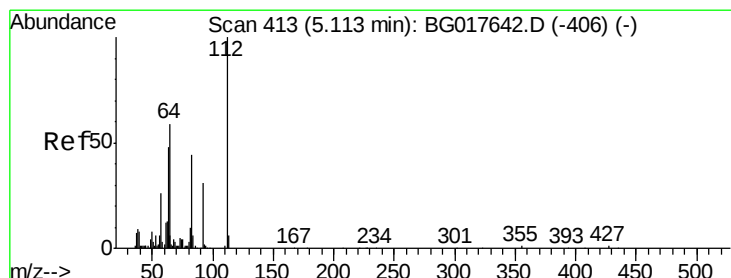
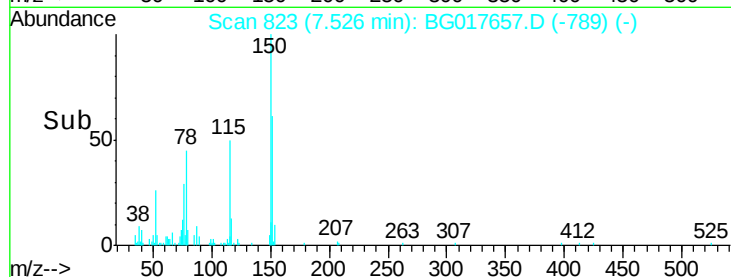
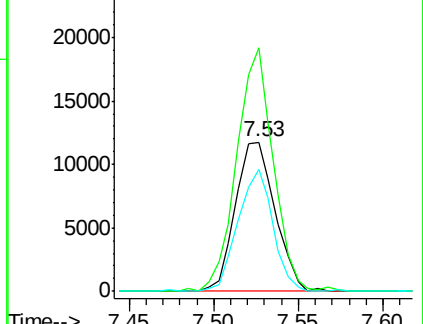
115 81.5 58.2 87.2



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: 72.92 ng

RT: 5.11 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

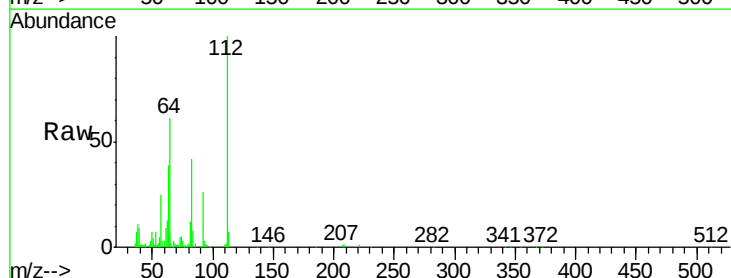
Tgt Ion:112 Resp: 72386

Ion Ratio Lower Upper

112 100

64 61.2 47.0 70.6

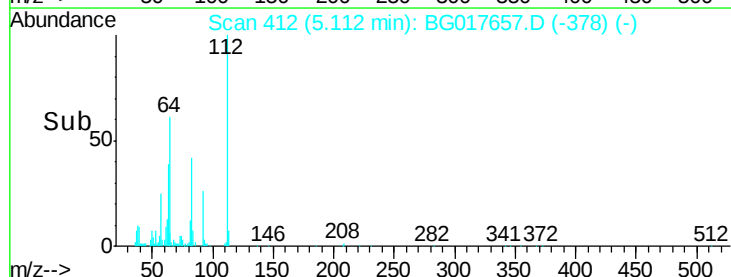
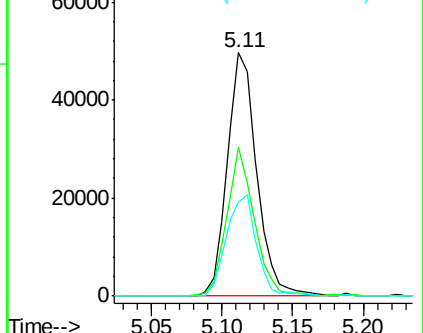
63 38.7 38.6 58.0

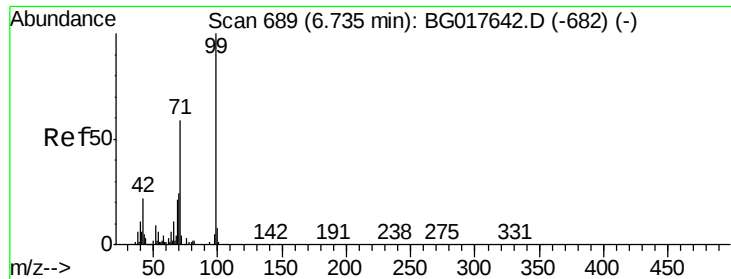


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.78 ng

RT: 6.73 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampled :

MW-28

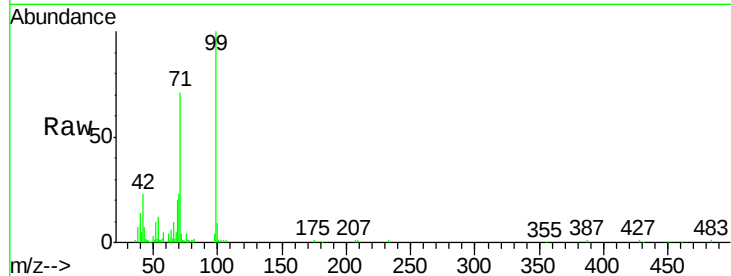
Tgt Ion: 99 Resp: 63676

Ion Ratio Lower Upper

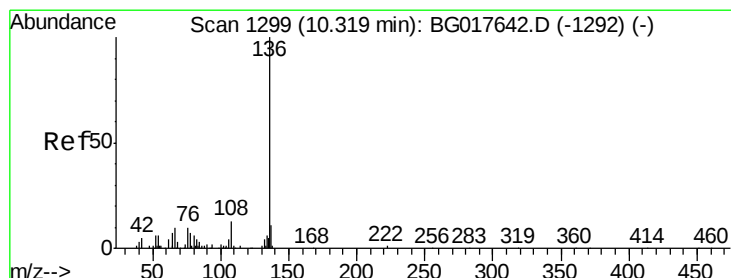
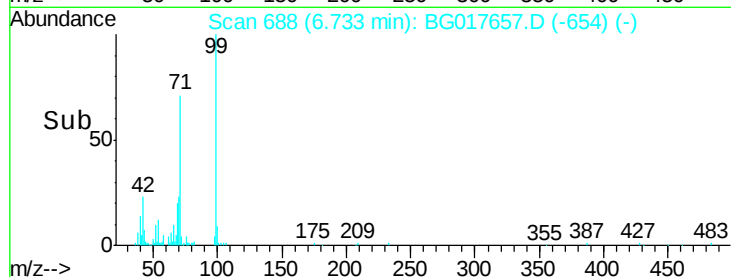
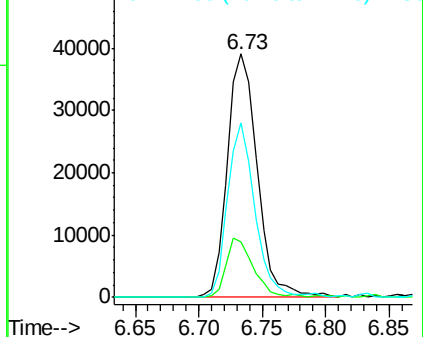
99 100

42 22.7 17.4 26.2

71 71.5 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# 1298

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Tgt Ion: 136 Resp: 63606

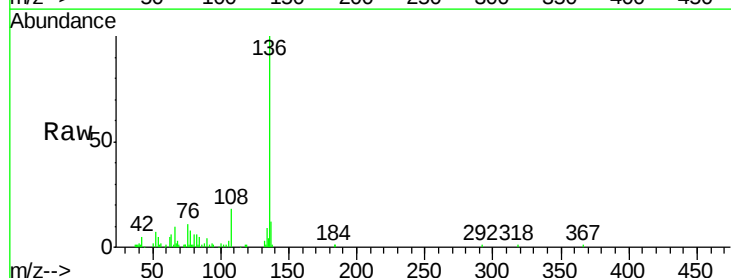
Ion Ratio Lower Upper

136 100

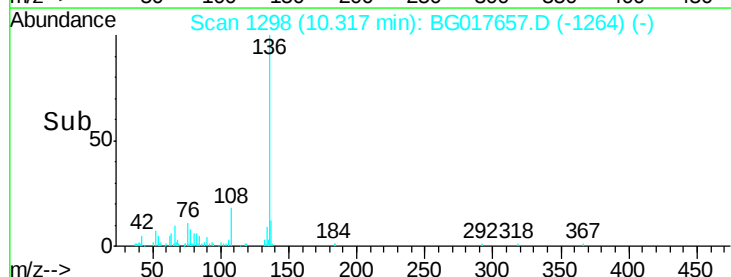
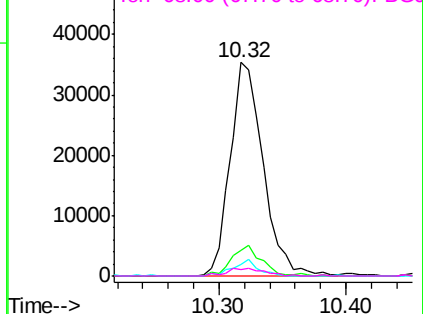
137 12.0 8.7 13.1

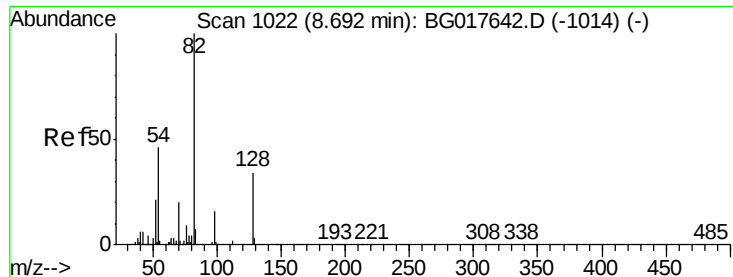
54 5.5 4.7 7.1

68 3.8 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

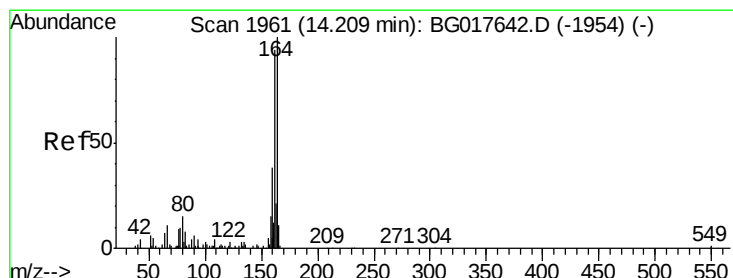
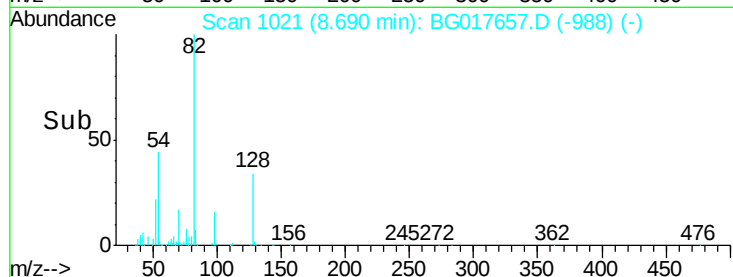
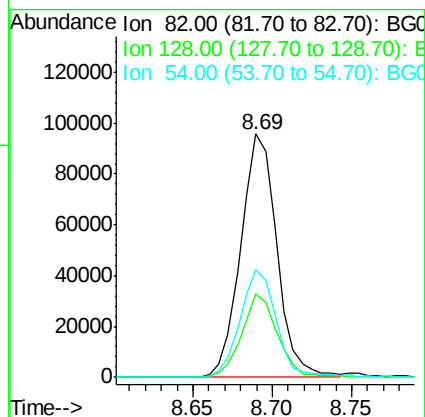
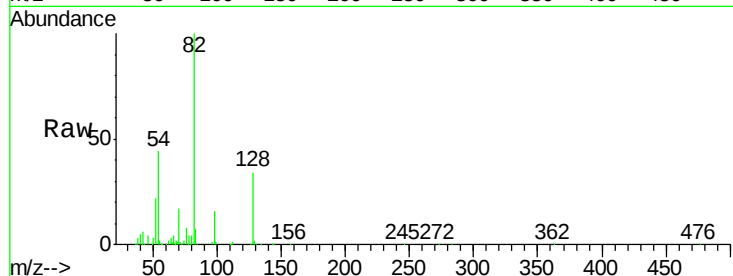




#23
 Nitrobenzene-d5
 Concen: 100.14 ng
 RT: 8.69 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG017657.D
 Acq: 13 Jun 2015 4:19

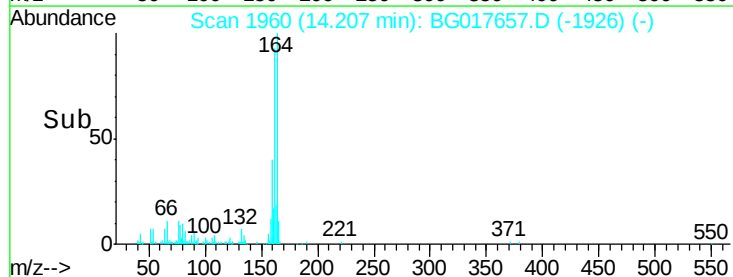
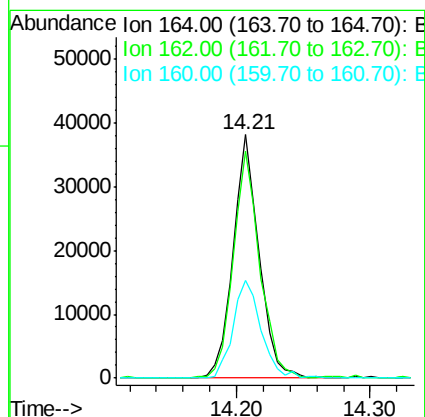
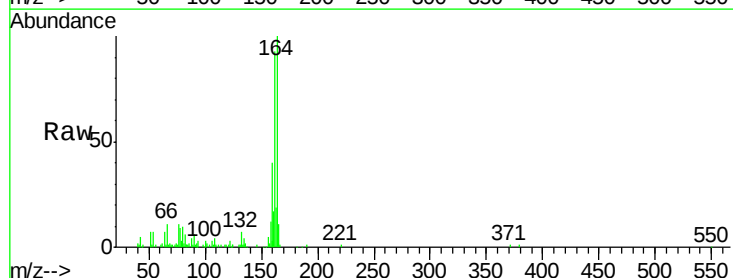
Instrument :
 BNA_G
 ClientSampleId :
 MW-28

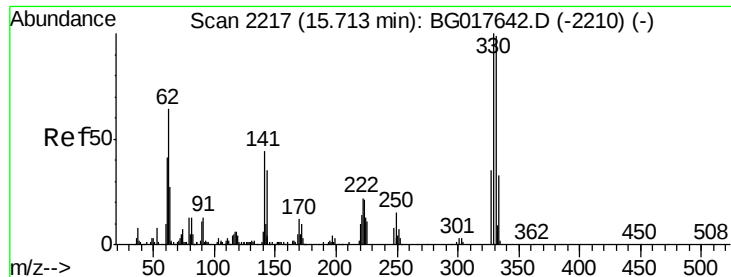
Tgt Ion: 82 Resp: 151736
 Ion Ratio Lower Upper
 82 100
 128 34.2 27.3 40.9
 54 44.2 37.0 55.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG017657.D
 Acq: 13 Jun 2015 4:19

Tgt Ion: 164 Resp: 51981
 Ion Ratio Lower Upper
 164 100
 162 93.3 75.0 112.4
 160 40.2 30.3 45.5





#41

2,4,6-Tribromophenol

Concen: 161.13 ng

RT: 15.71 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampleId :

MW-28

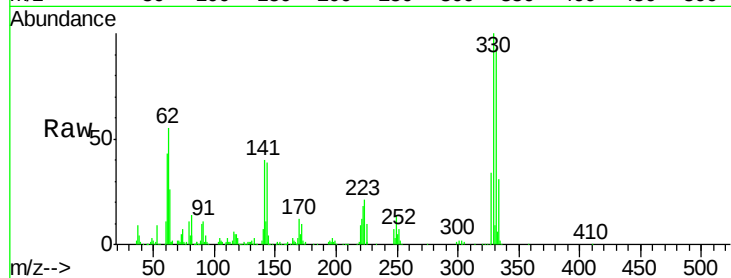
Tgt Ion:330 Resp: 144576

Ion Ratio Lower Upper

330 100

332 98.5 76.6 114.8

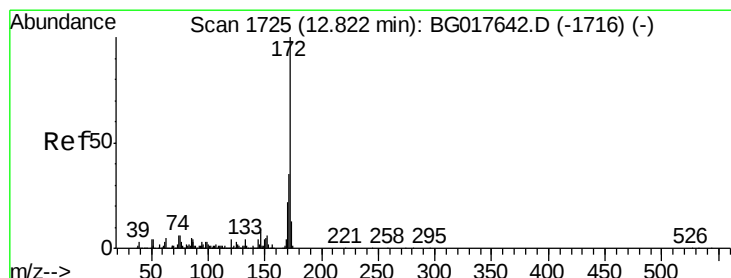
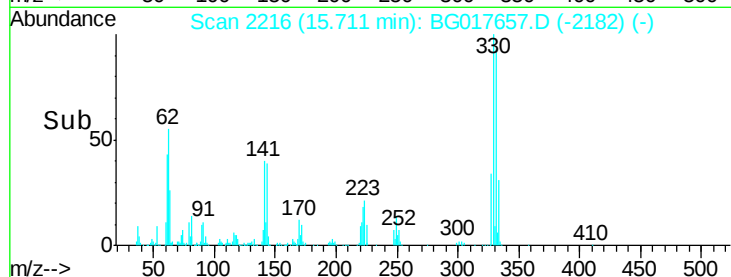
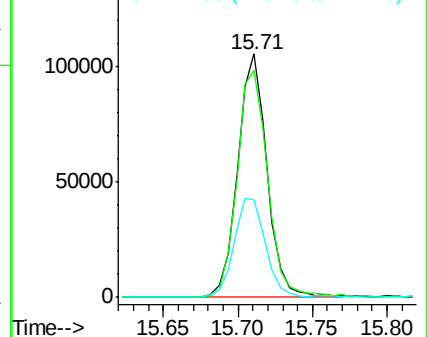
141 43.6 34.6 51.8



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: 98.50 ng

RT: 12.82 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

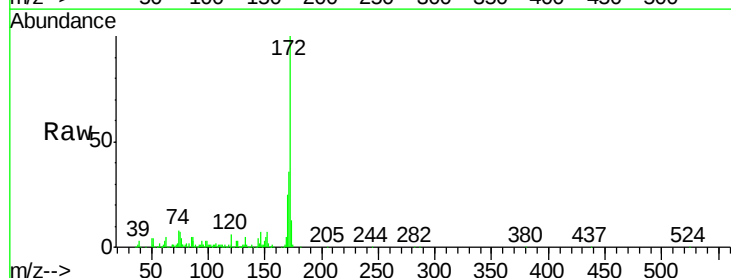
Tgt Ion:172 Resp: 370186

Ion Ratio Lower Upper

172 100

171 36.3 28.2 42.2

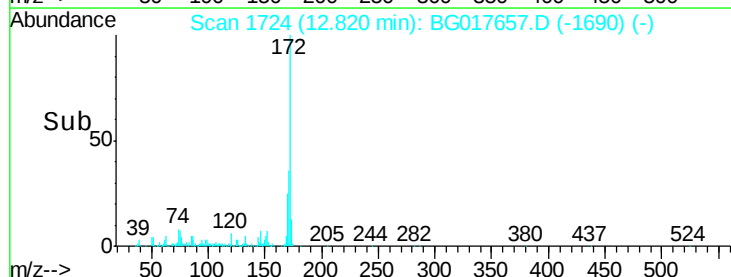
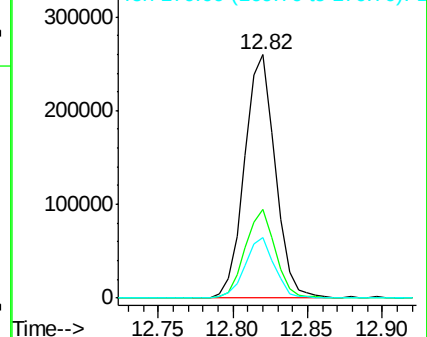
170 24.6 17.4 26.2

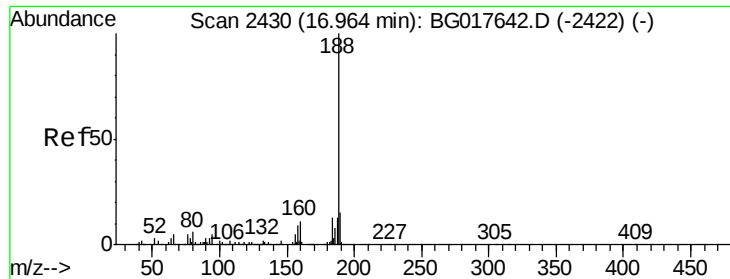


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampled :

MW-28

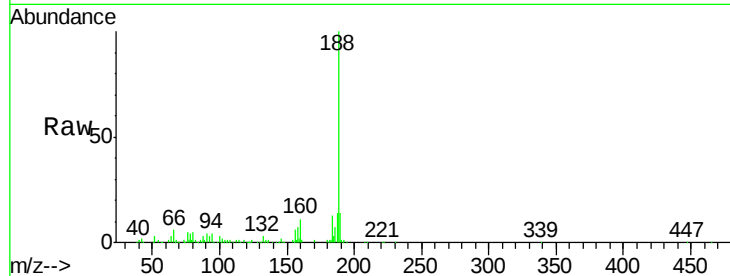
Tgt Ion:188 Resp: 149132

Ion Ratio Lower Upper

188 100

94 4.5 3.9 5.9

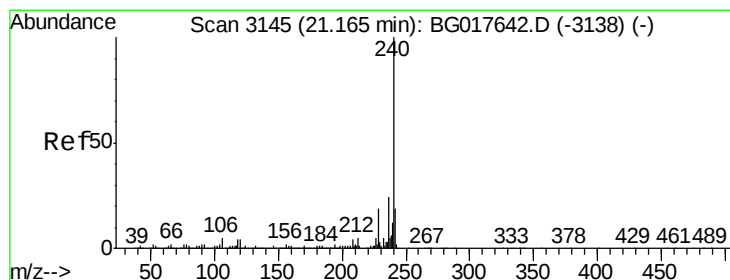
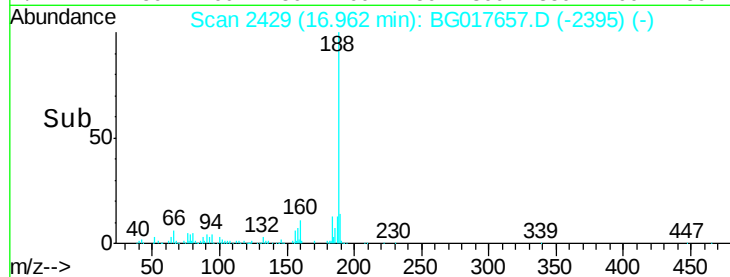
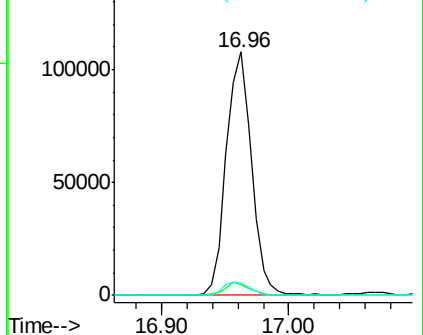
80 4.7 5.0 7.6#



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# 3144

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

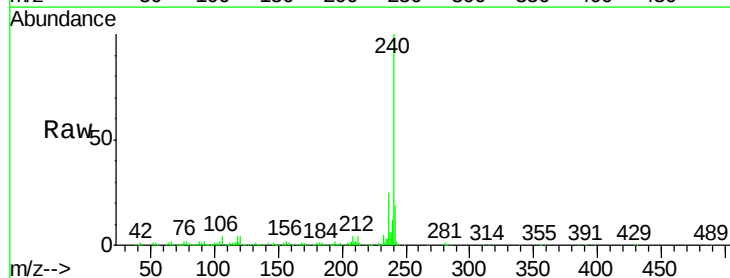
Tgt Ion:240 Resp: 222019

Ion Ratio Lower Upper

240 100

120 3.8 3.5 5.3

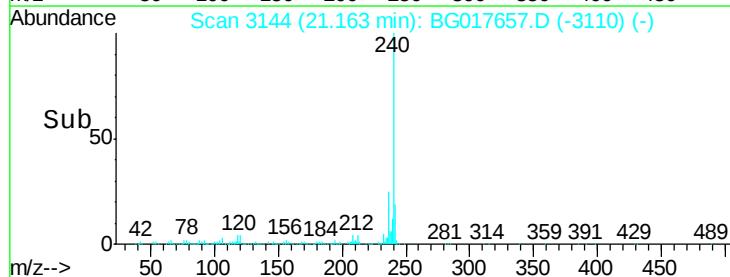
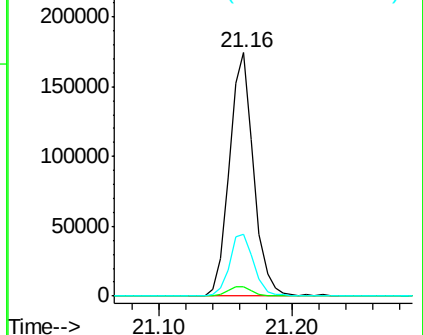
236 25.2 19.5 29.3

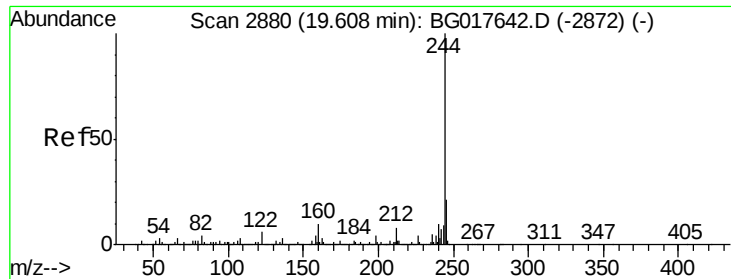


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.28 ng

RT: 19.61 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG017657.D

Acq: 13 Jun 2015 4:19

Instrument :

BNA_G

ClientSampled :

MW-28

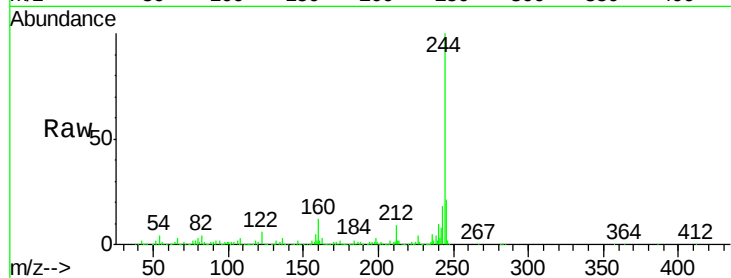
Tgt Ion:244 Resp: 971449

Ion Ratio Lower Upper

244 100

212 8.9 6.3 9.5

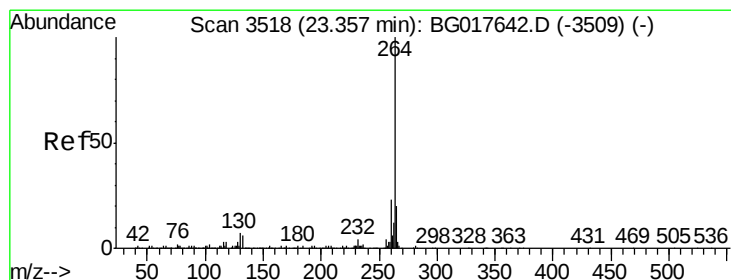
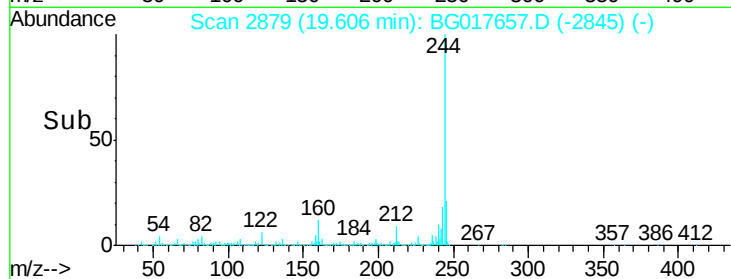
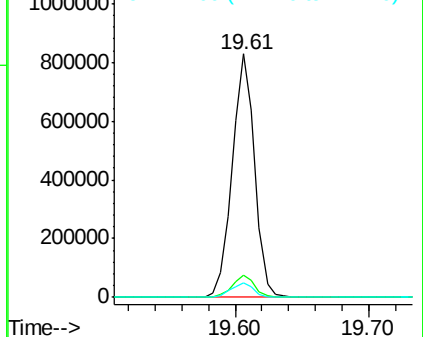
122 5.9 4.6 6.8



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: BG017657.D

Acq: 13 Jun 2015 4:19

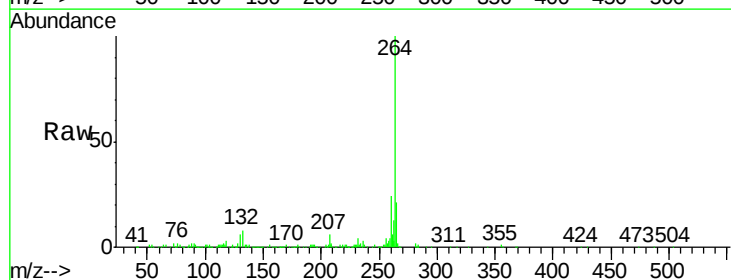
Tgt Ion:264 Resp: 221888

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.5 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

