

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017659.D
 Acq On : 13 Jun 2015 5:29
 Operator : TP/IZ
 Sample : G2627-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Quant Time: Jun 13 06:43:15 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

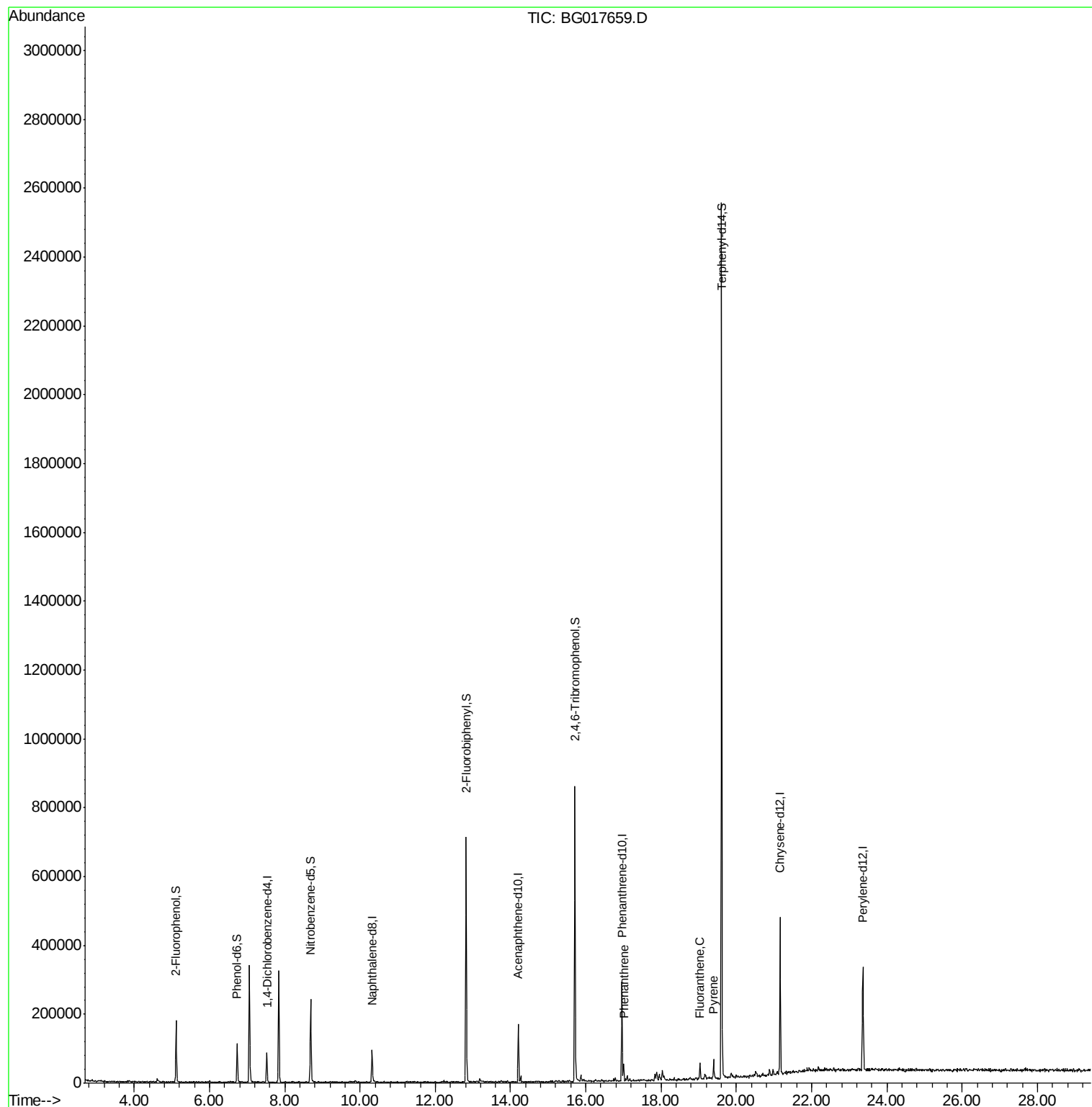
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17010	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	60575	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	48187	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	144233	20.00	ng	0.00
75) Chrysene-d12	21.16	240	216425	20.00	ng	0.00
86) Perylene-d12	23.36	264	222393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	58300	66.38	ng	0.00
7) Phenol-d6	6.73	99	49095	38.15	ng	0.00
23) Nitrobenzene-d5	8.69	82	131265	90.96	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	125391	150.75	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	310113	89.01	ng	0.00
78) Terphenyl-d14	19.61	244	938206	90.43	ng	0.00
Target Compounds						
70) Phenanthrene	17.00	178	25033	3.11	ng	96
74) Fluoranthene	19.03	202	24040	2.09	ng	95
77) Pyrene	19.40	202	29255	2.39	ng	97

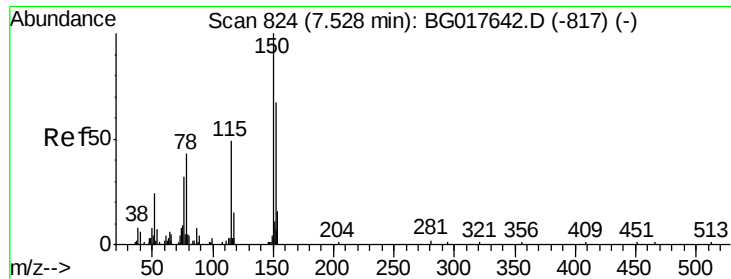
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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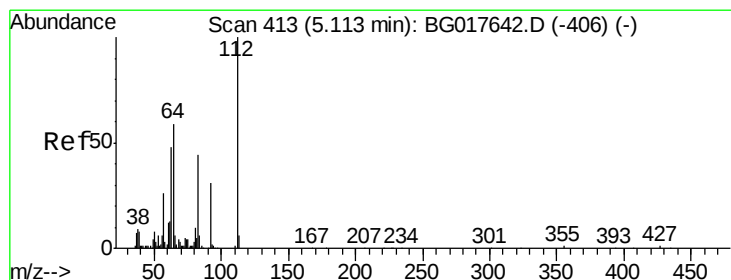
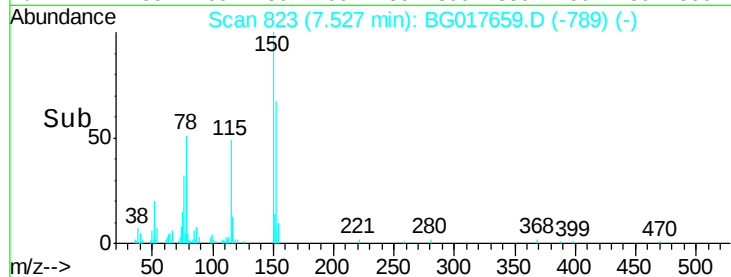
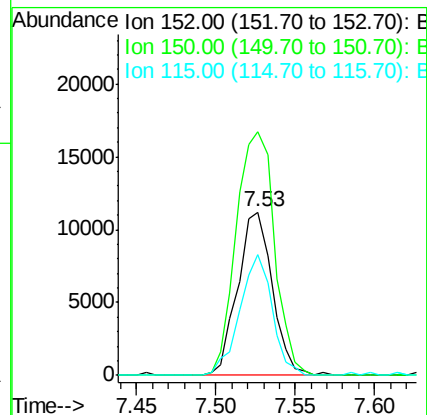
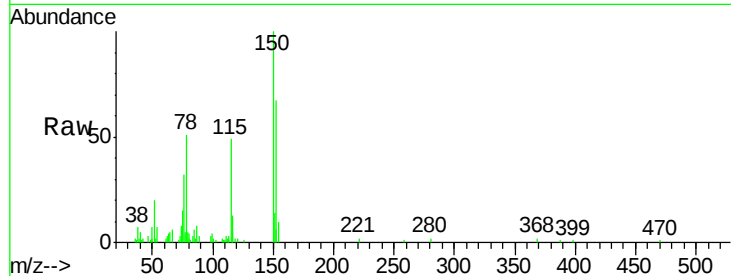


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

Instrument :
BNA_G
ClientSampled :
MW-30

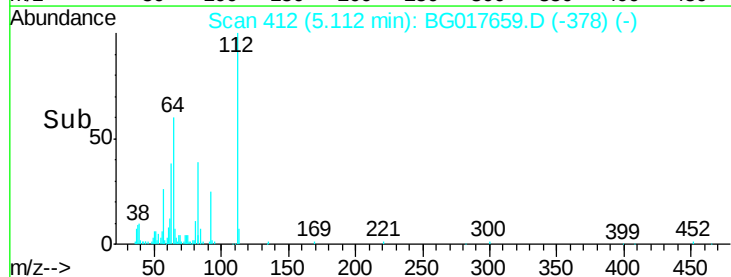
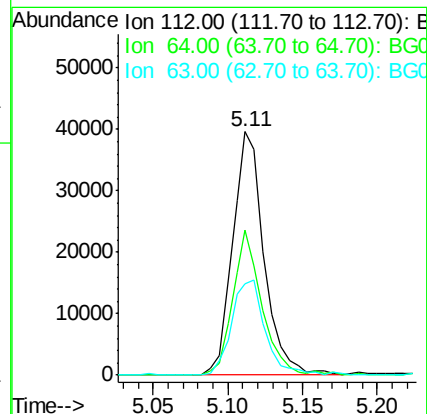
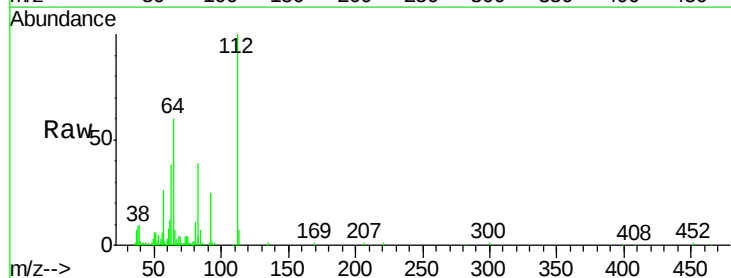
Tgt Ion:152 Resp: 17010
Ion Ratio Lower Upper
152 100
150 149.3 119.4 179.0
115 73.7 58.2 87.2

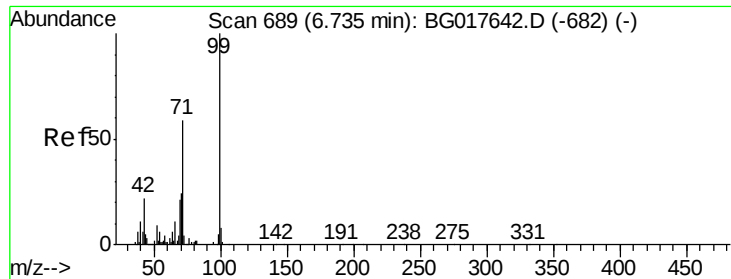


#5

2-Fluorophenol
Concen: 66.38 ng
RT: 5.11 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

Tgt Ion:112 Resp: 58300
Ion Ratio Lower Upper
112 100
64 59.6 47.0 70.6
63 37.5 38.6 58.0#





#7

Phenol-d6

Concen: 38.15 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

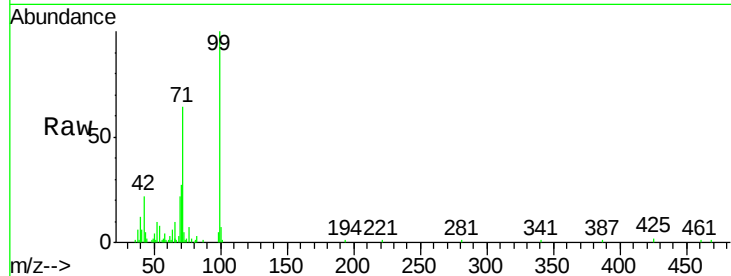
Tgt Ion: 99 Resp: 49095

Ion Ratio Lower Upper

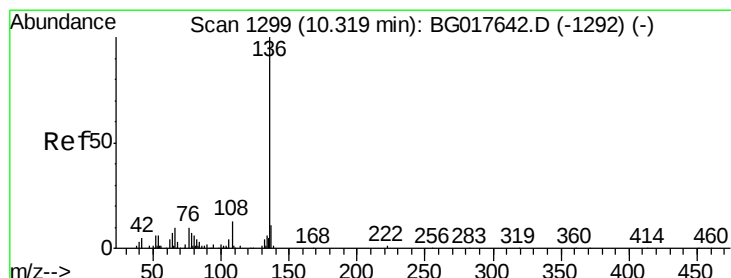
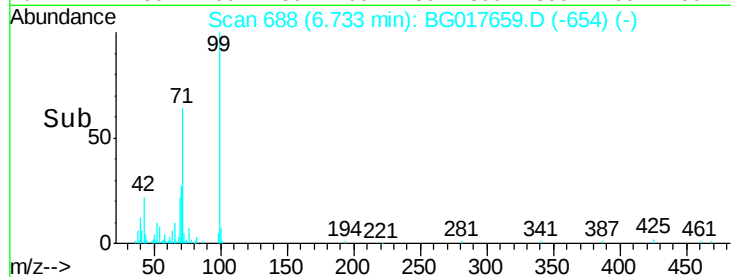
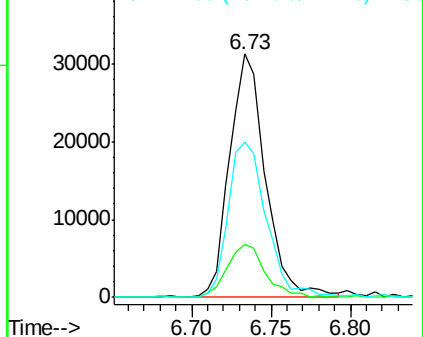
99 100

42 21.8 17.4 26.2

71 63.8 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: BG017659.D

Acq: 13 Jun 2015 5:29

Tgt Ion: 136 Resp: 60575

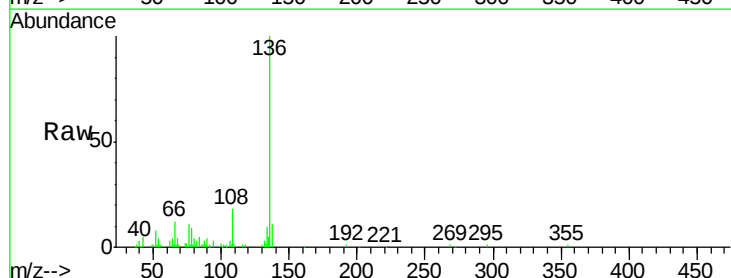
Ion Ratio Lower Upper

136 100

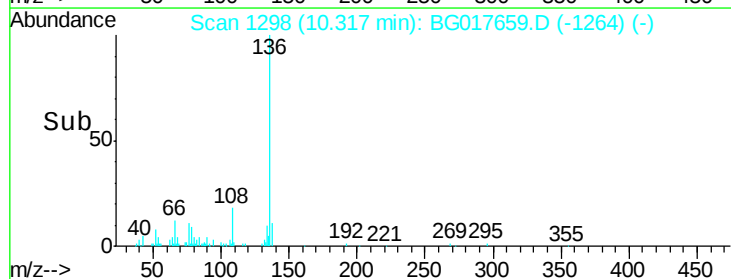
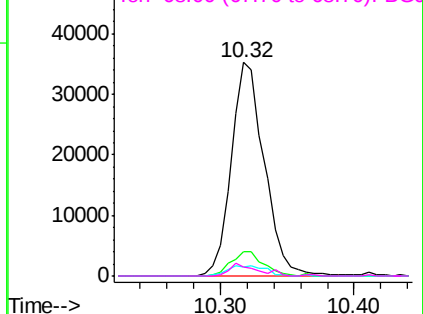
137 11.5 8.7 13.1

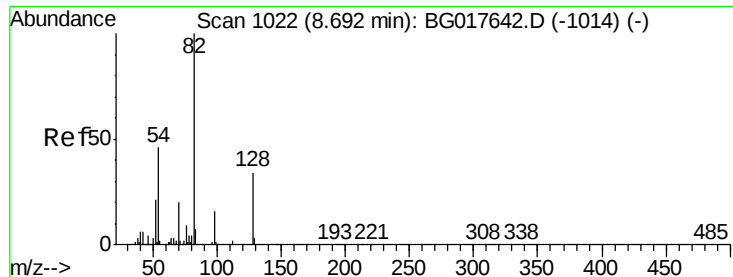
54 4.5 4.7 7.1#

68 4.5 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

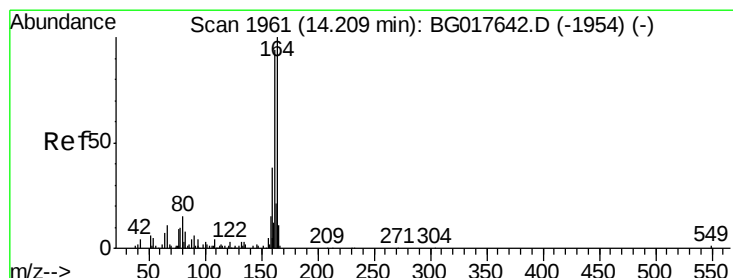
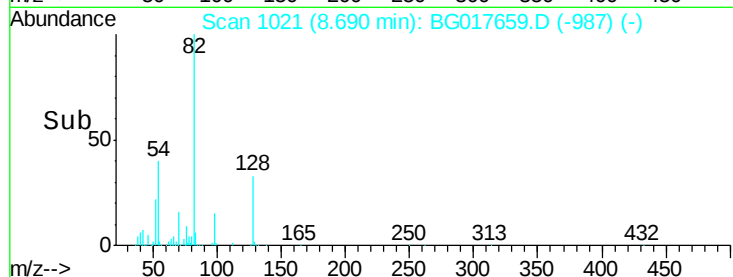
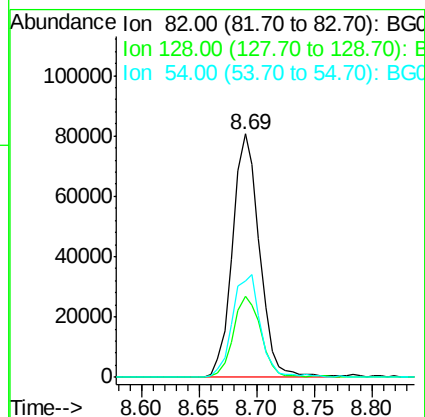
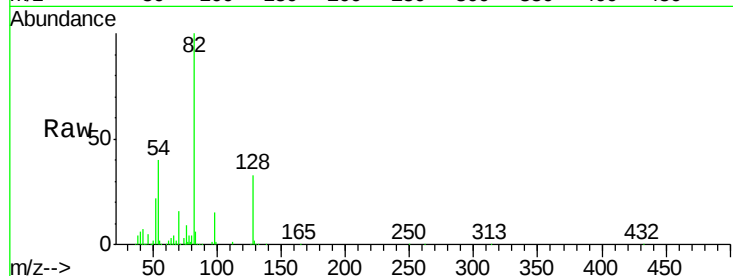




#23
Nitrobenzene-d5
Concen: 90.96 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

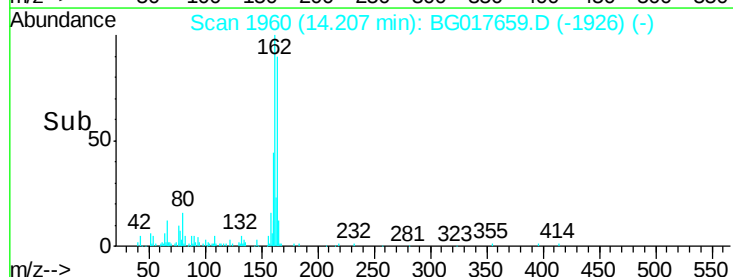
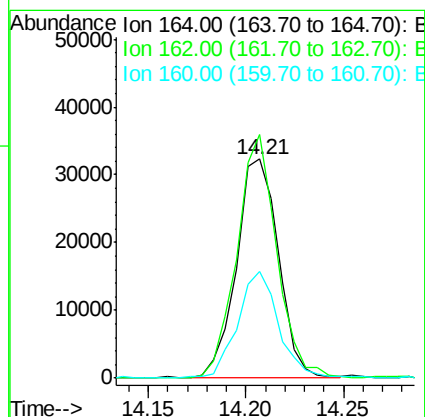
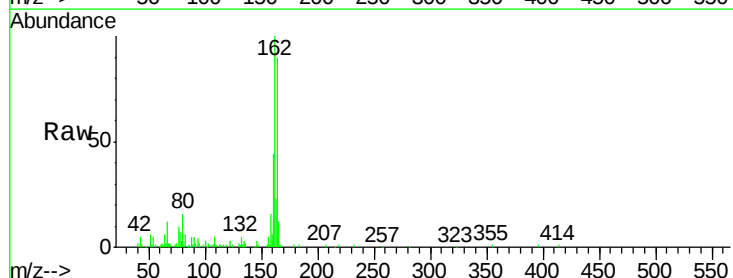
Instrument :
BNA_G
ClientSampleId :
MW-30

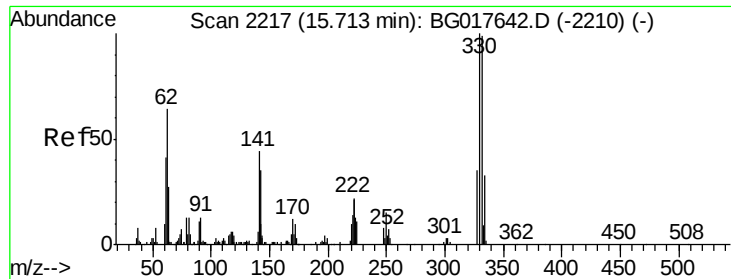
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	27.3	40.9
54	39.5	37.0	55.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.2	75.0	112.4
160	48.6	30.3	45.5

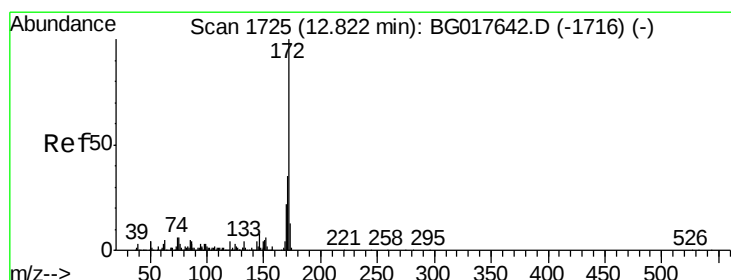
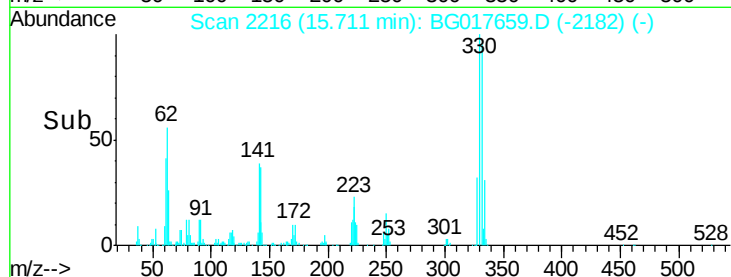
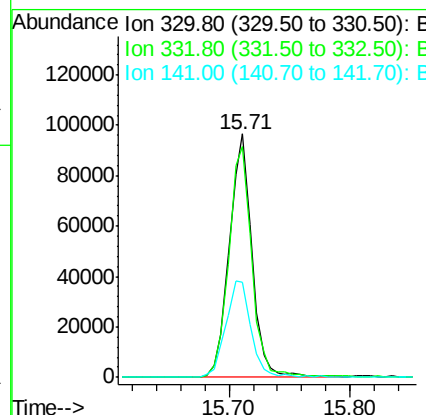
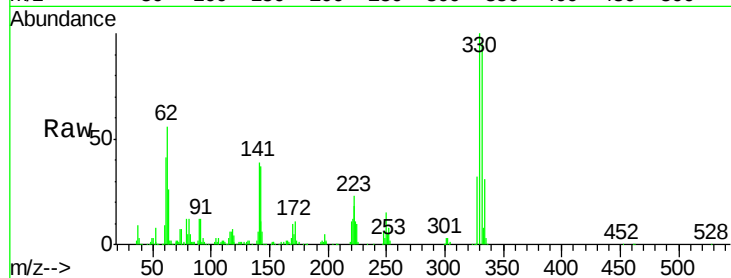




#41
 2,4,6-Tribromophenol
 Concen: 150.75 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017659.D
 Acq: 13 Jun 2015 5:29

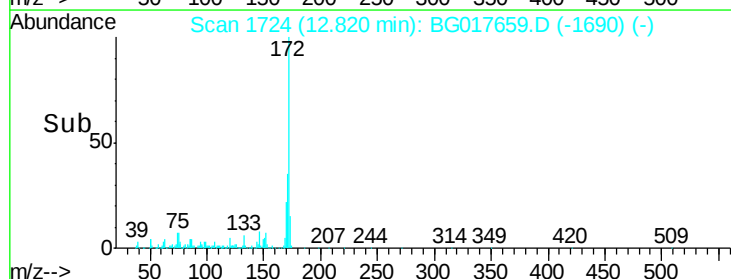
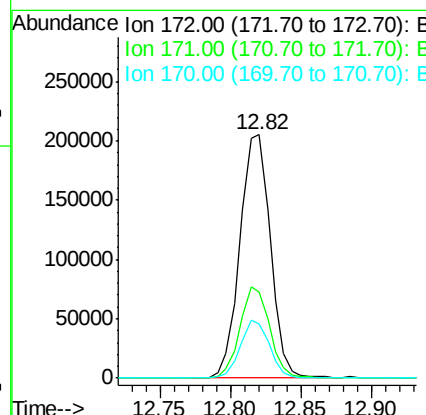
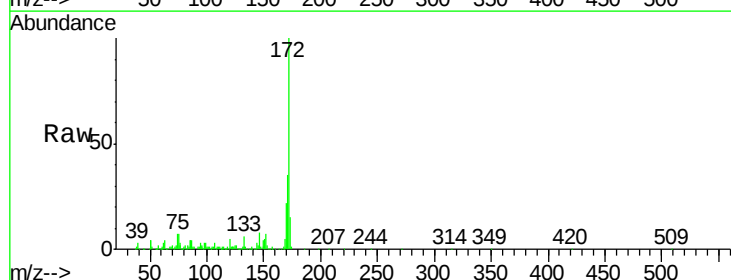
Instrument :
 BNA_G
 ClientSampleId :
 MW-30

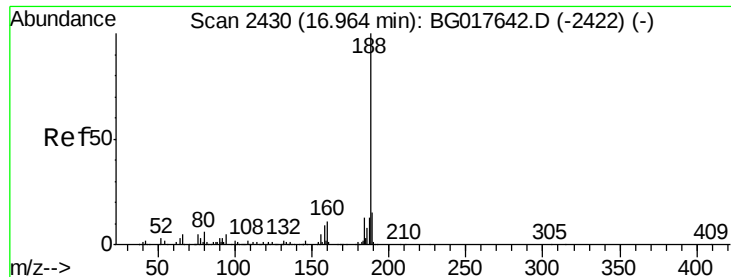
Tgt Ion:330 Resp: 125391
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 43.8 34.6 51.8



#44
 2-Fluorobiphenyl
 Concen: 89.01 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017659.D
 Acq: 13 Jun 2015 5:29

Tgt Ion:172 Resp: 310113
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.2
 170 22.1 17.4 26.2

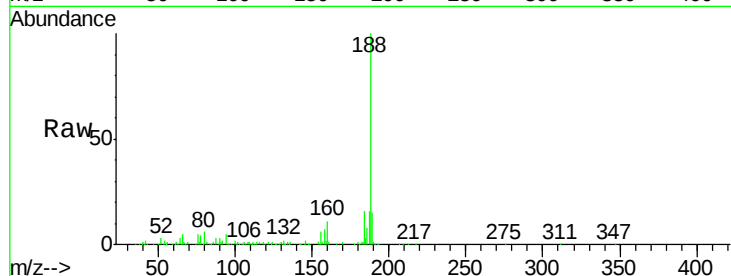




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

Instrument :
BNA_G
ClientSampleId :
MW-30

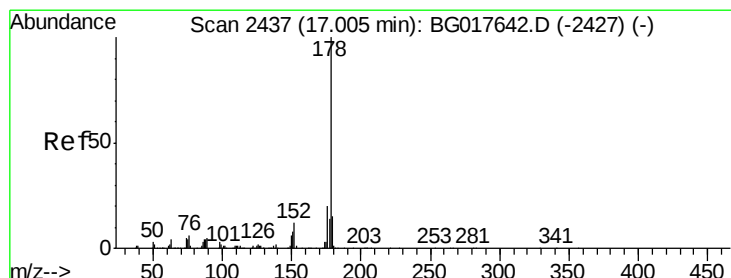
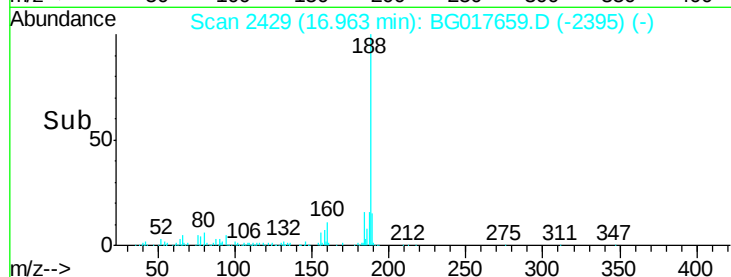
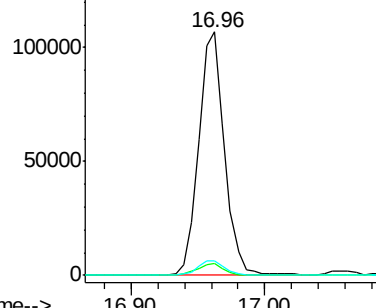
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.9	5.9
80	6.2	5.0	7.6



Abundance Ion 188.00 (187.70 to 188.70): E

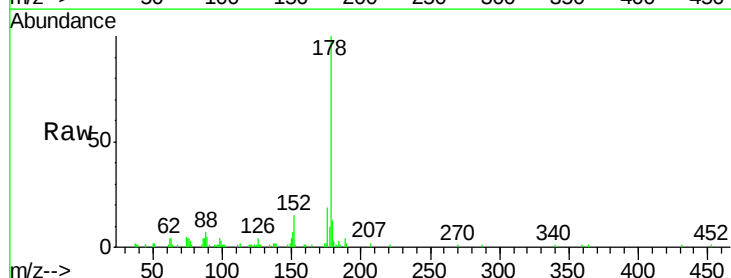
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#70
Phenanthrene
Concen: 3.11 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG017659.D
Acq: 13 Jun 2015 5:29

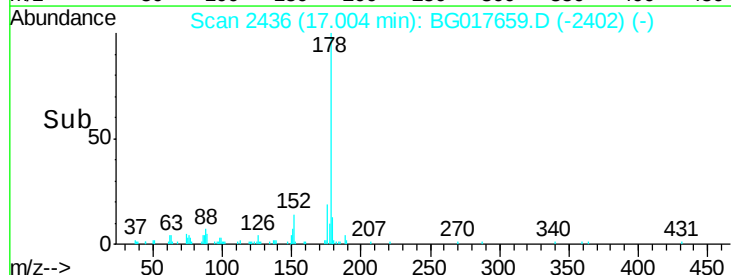
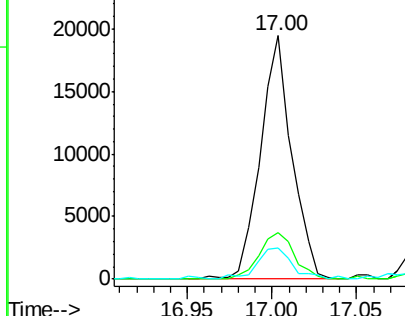
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	12.9	12.3	18.5

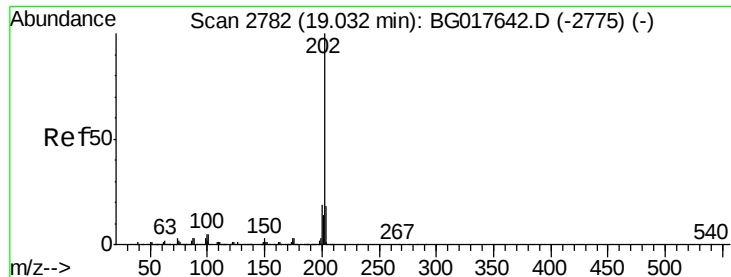


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.09 ng

RT: 19.03 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

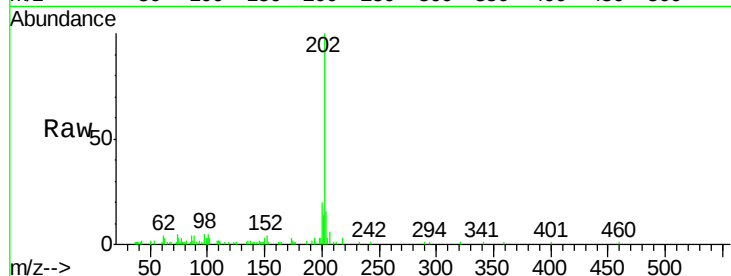
Tgt Ion:202 Resp: 24040

Ion Ratio Lower Upper

202 100

101 8.1 0.0 25.1

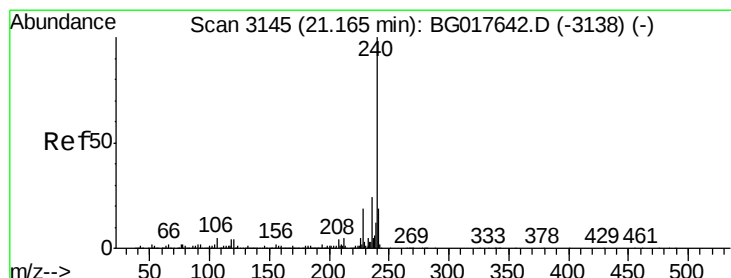
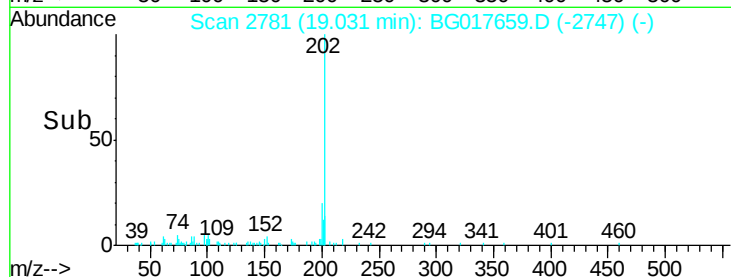
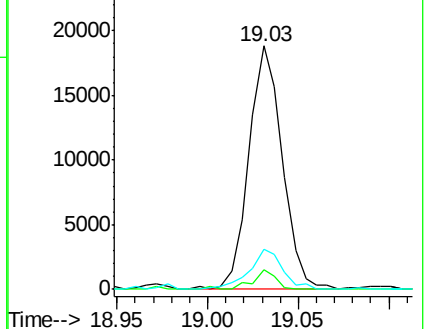
203 16.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

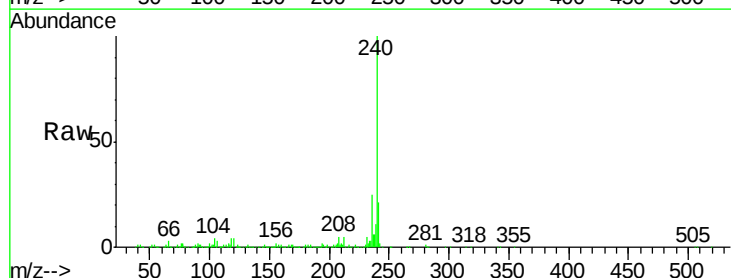
Tgt Ion:240 Resp: 216425

Ion Ratio Lower Upper

240 100

120 4.0 3.5 5.3

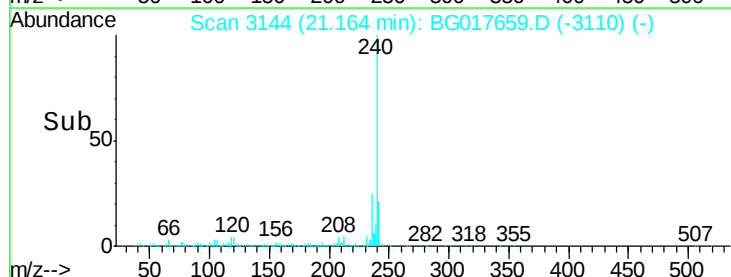
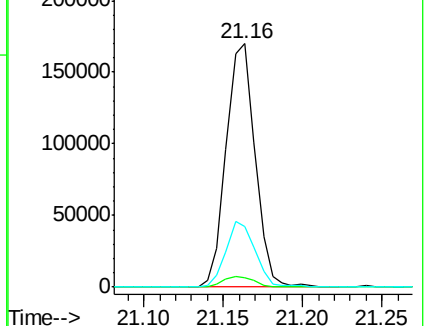
236 24.8 19.5 29.3

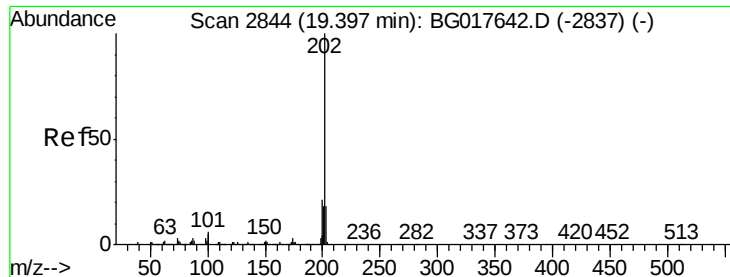


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.39 ng

RT: 19.40 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

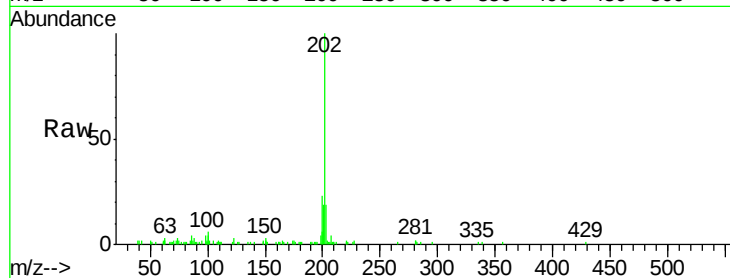
Tgt Ion:202 Resp: 29255

Ion Ratio Lower Upper

202 100

200 23.2 16.8 25.2

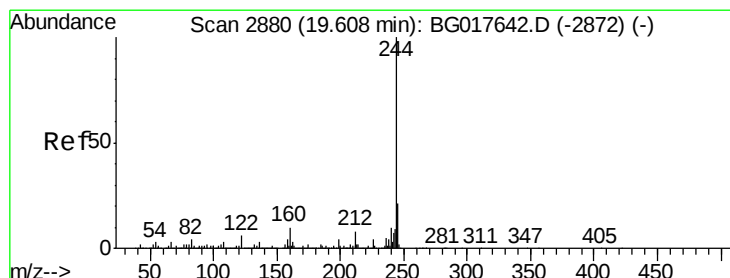
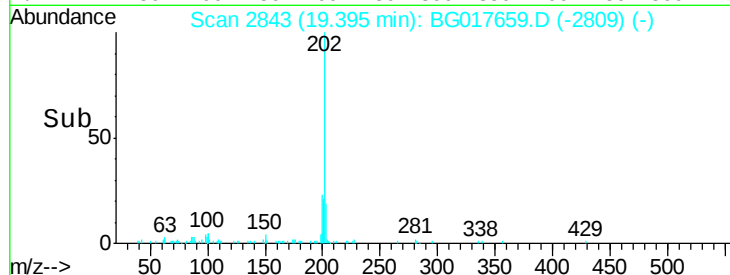
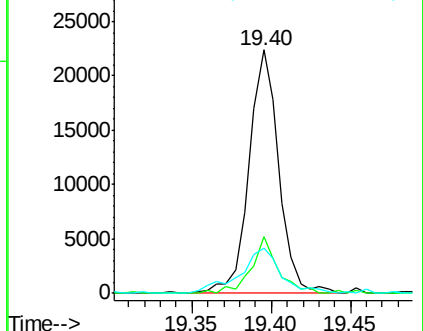
203 18.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.43 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

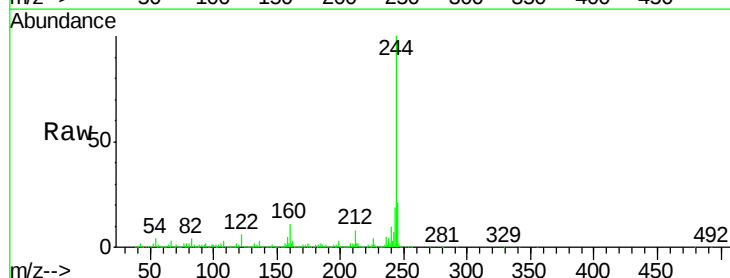
Tgt Ion:244 Resp: 938206

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

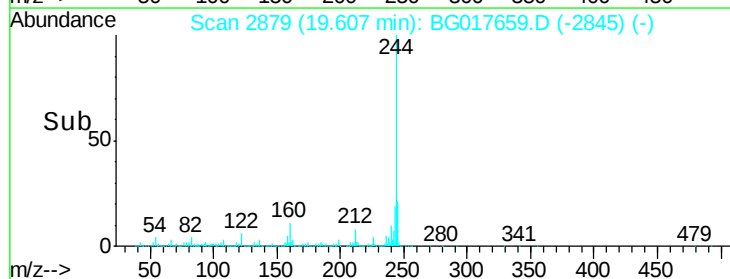
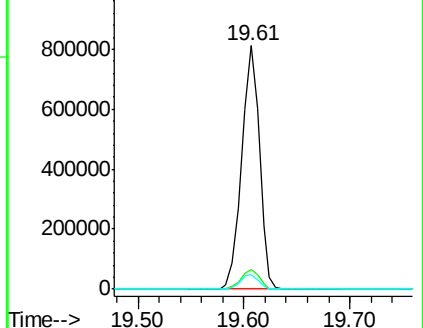
122 6.0 4.6 6.8

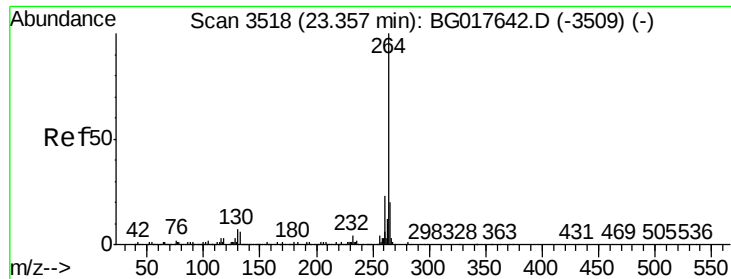


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3517

Delta R.T. -0.00 min

Lab File: BG017659.D

Acq: 13 Jun 2015 5:29

Instrument :

BNA_G

ClientSampleId :

MW-30

Tgt Ion: 264 Resp: 222393

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.7 16.2 24.2

