

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
 Data File : BG018666.D
 Acq On : 14 Sep 2015 17:43
 Operator : UM/IZ
 Sample : PB85519BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BL

Quant Time: Sep 15 02:22:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57073	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	228911	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	155176	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	473191	20.00	ng	0.00
75) Chrysene-d12	21.62	240	524264	20.00	ng	0.00
86) Perylene-d12	24.81	264	512255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	210624	63.75	ng	0.00
7) Phenol-d6	7.16	99	285373	60.24	ng	0.00
23) Nitrobenzene-d5	9.16	82	236217	57.74	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	130524	62.47	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	630414	56.40	ng	0.00
78) Terphenyl-d14	19.98	244	1182797	59.24	ng	0.00

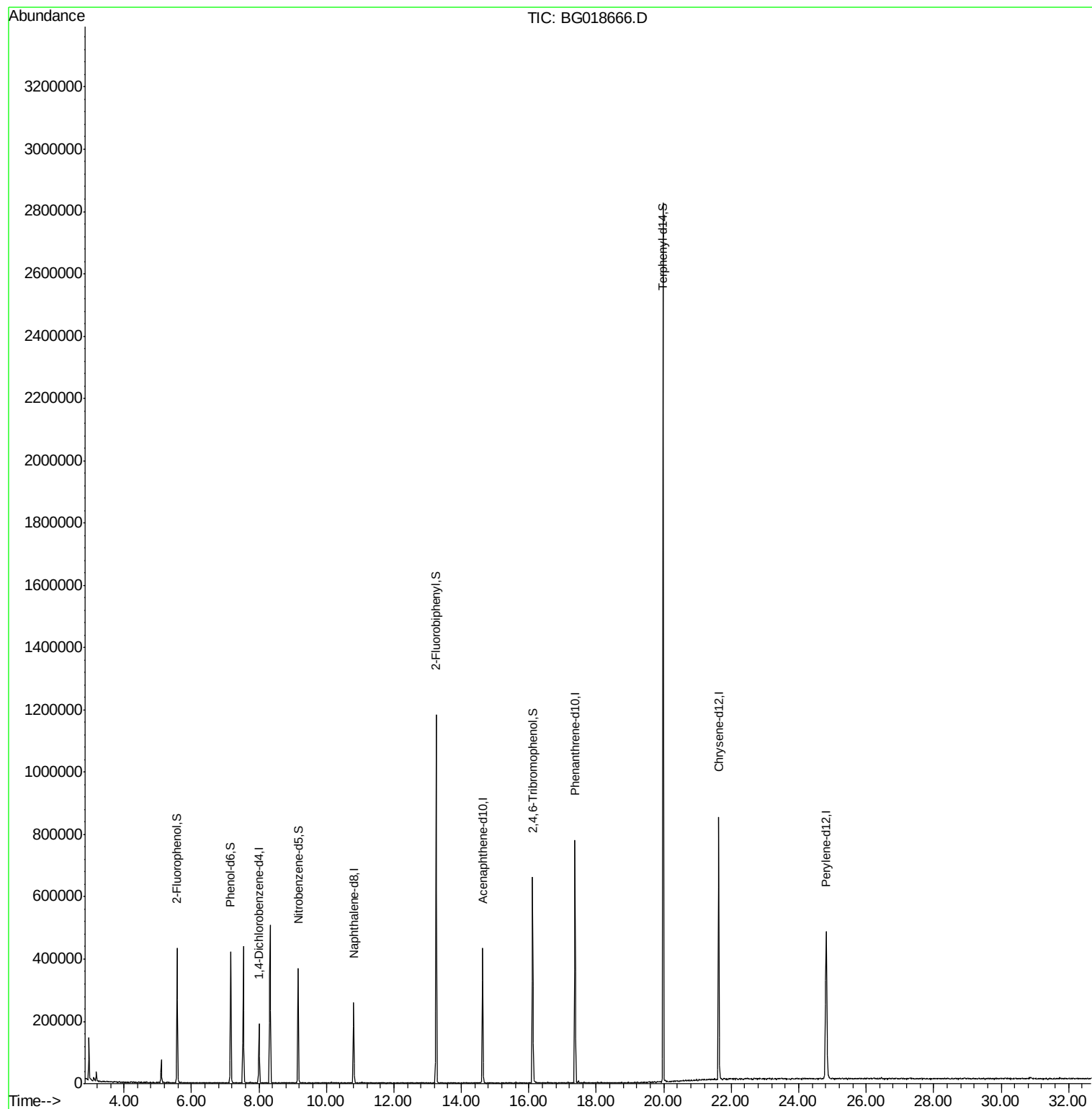
Target Compounds	Qvalue
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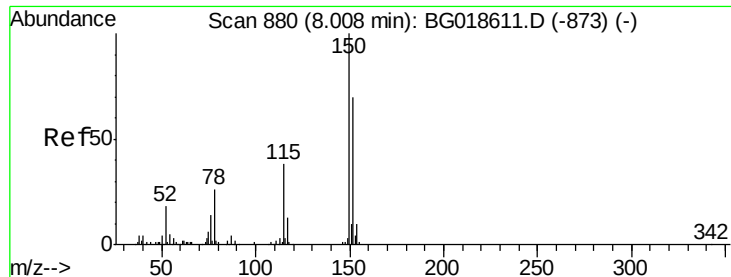
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG018666.D

Acq: 14 Sep 2015 17:43

Instrument :

BNA_G

ClientSampleId :

PB85519BL

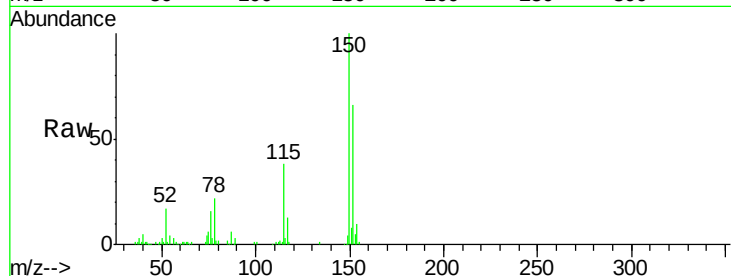
Tgt Ion:152 Resp: 57073

Ion Ratio Lower Upper

152 100

150 151.3 115.0 172.4

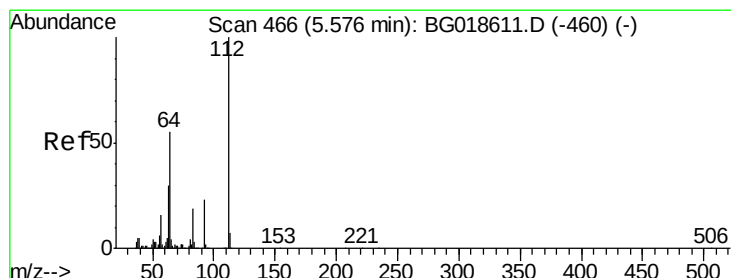
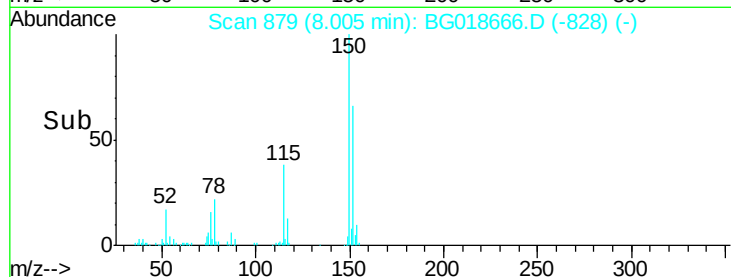
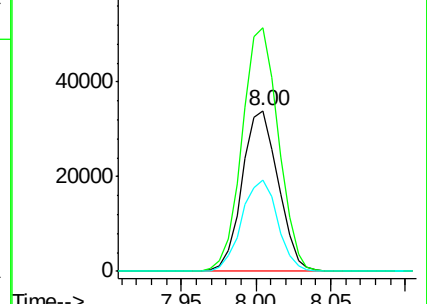
115 56.8 43.9 65.9



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: 63.75 ng

RT: 5.57 min Scan# 465

Delta R.T. -0.00 min

Lab File: BG018666.D

Acq: 14 Sep 2015 17:43

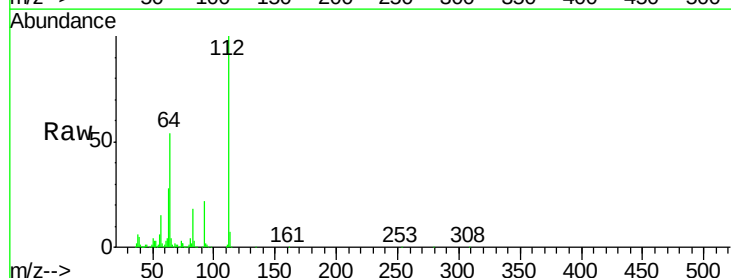
Tgt Ion:112 Resp: 210624

Ion Ratio Lower Upper

112 100

64 53.7 43.7 65.5

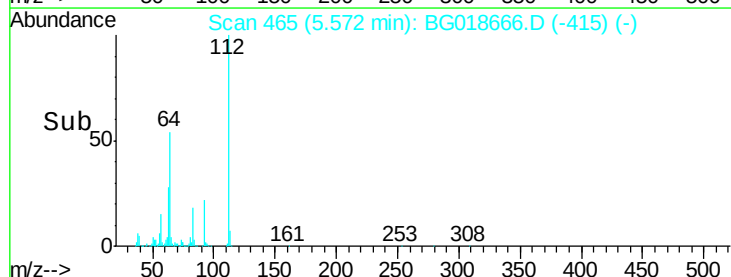
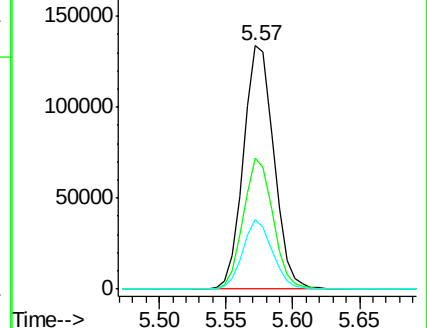
63 28.5 24.0 36.0

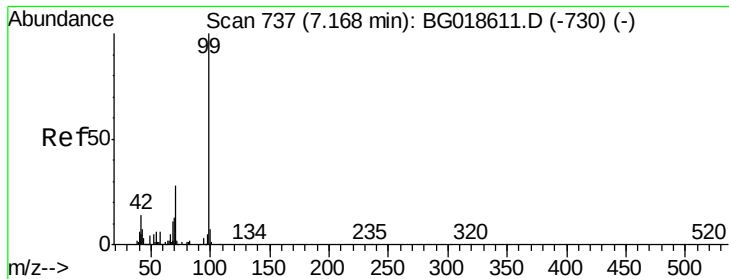


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 60.24 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018666.D

Acq: 14 Sep 2015 17:43

Instrument :

BNA_G

ClientSampleId :

PB85519BL

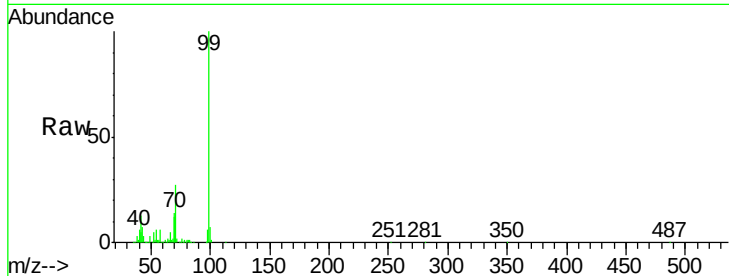
Tgt Ion: 99 Resp: 285373

Ion Ratio Lower Upper

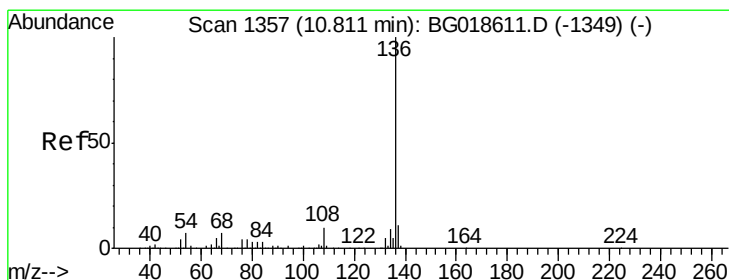
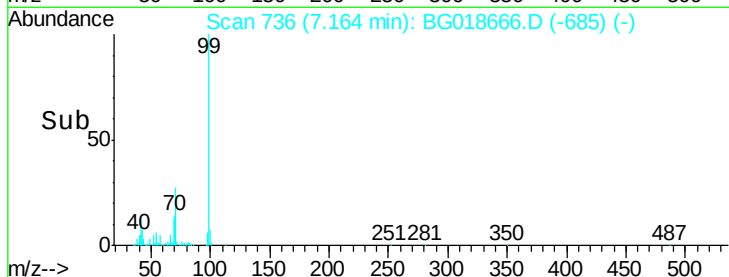
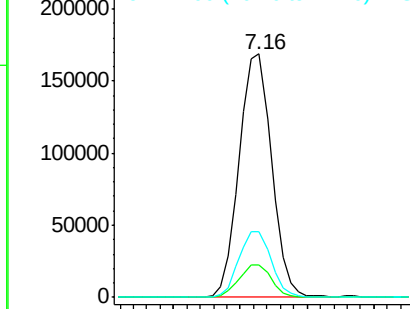
99 100

42 13.5 11.5 17.3

71 26.8 22.6 34.0



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: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018666.D

Acq: 14 Sep 2015 17:43

Tgt Ion: 136 Resp: 228911

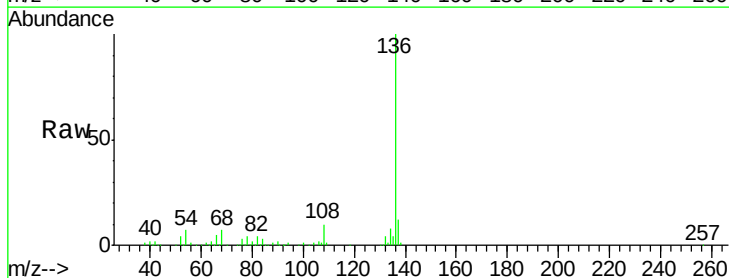
Ion Ratio Lower Upper

136 100

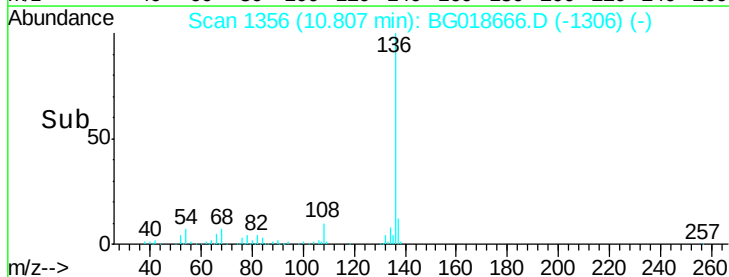
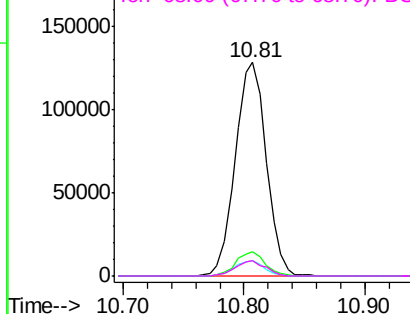
137 11.7 8.6 12.8

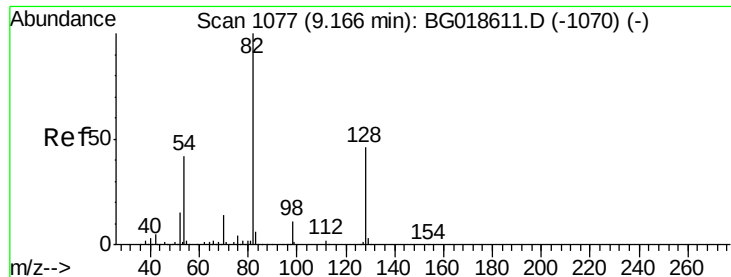
54 7.2 5.4 8.2

68 7.0 5.3 7.9



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

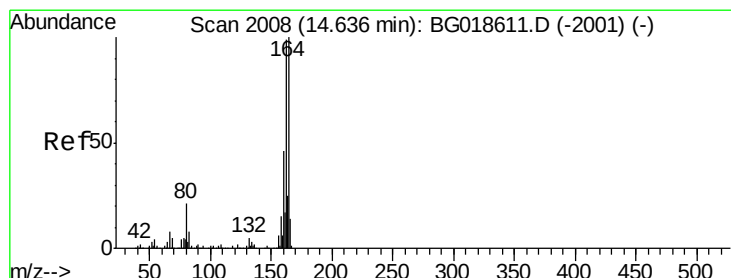
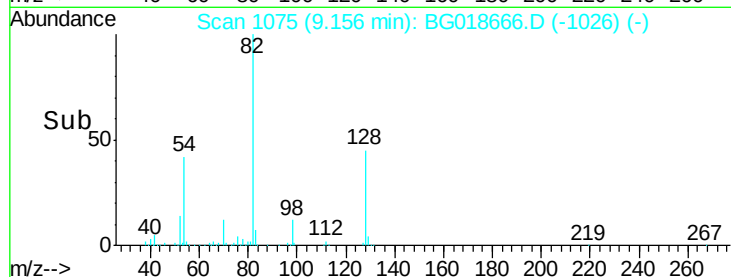
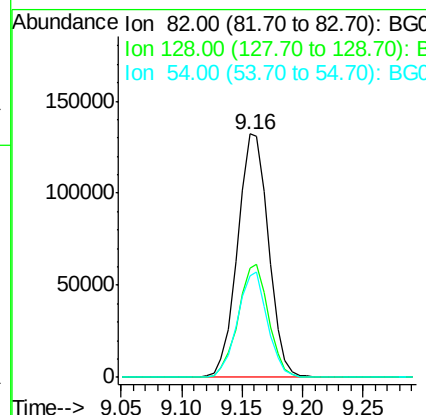
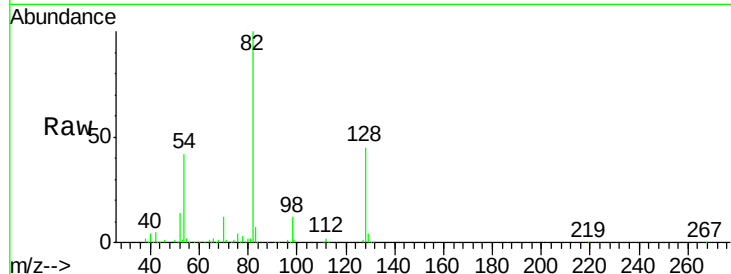




#23
 Nitrobenzene-d5
 Concen: 57.74 ng
 RT: 9.16 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BG018666.D
 Acq: 14 Sep 2015 17:43

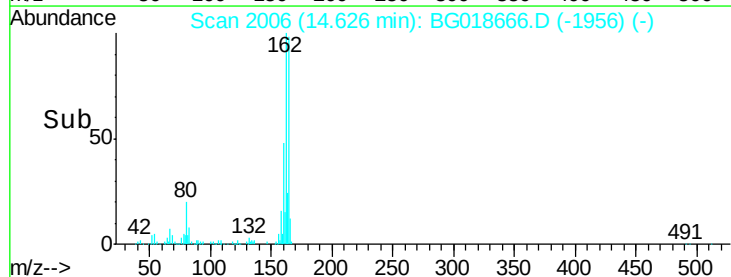
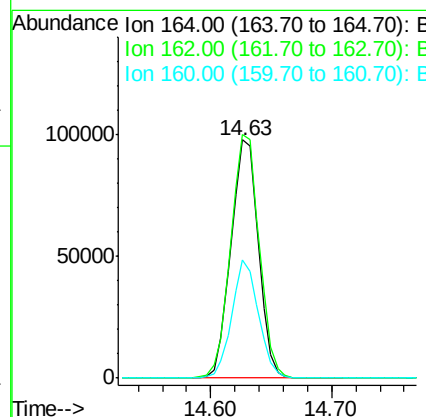
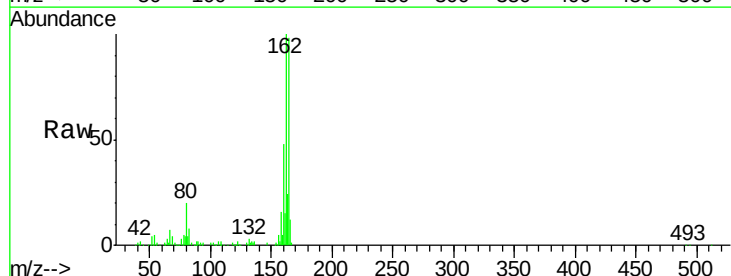
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BL

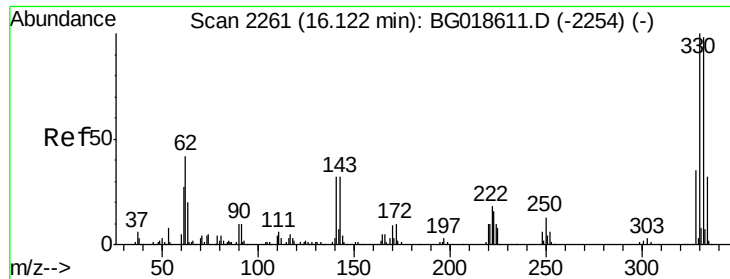
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.7	55.1
54	41.9	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG018666.D
 Acq: 14 Sep 2015 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	49.3	36.4	54.6

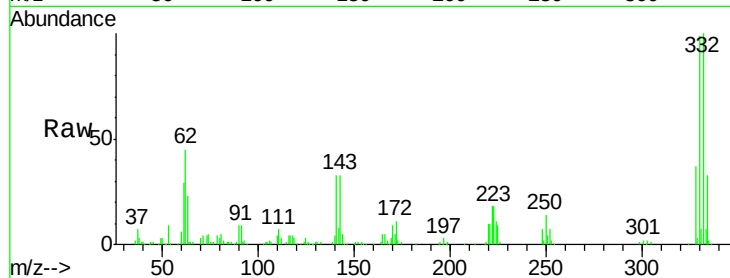




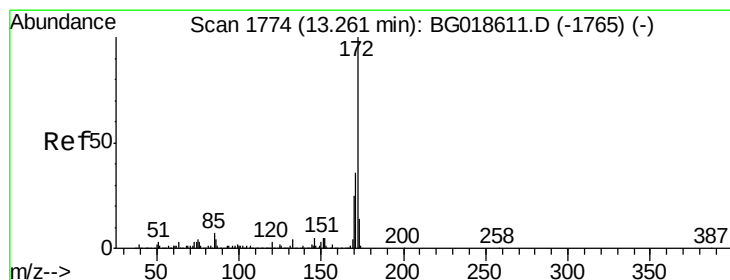
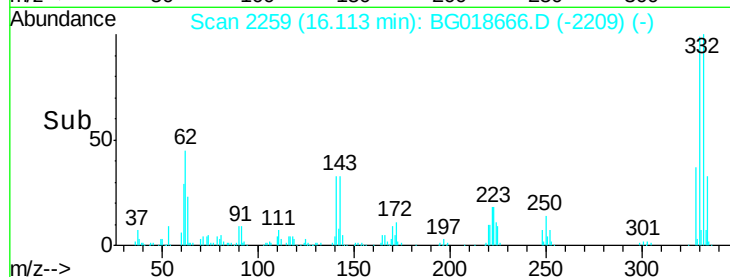
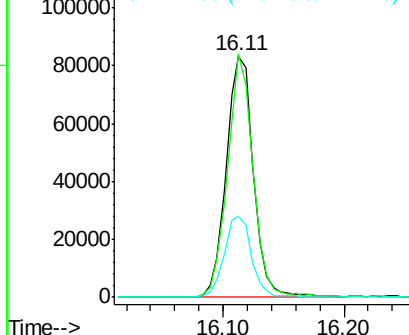
#41
 2,4,6-Tribromophenol
 Concen: 62.47 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BG018666.D
 Acq: 14 Sep 2015 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BL

Tgt Ion:330 Resp: 130524
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.1 117.1
 141 33.8 28.2 42.2

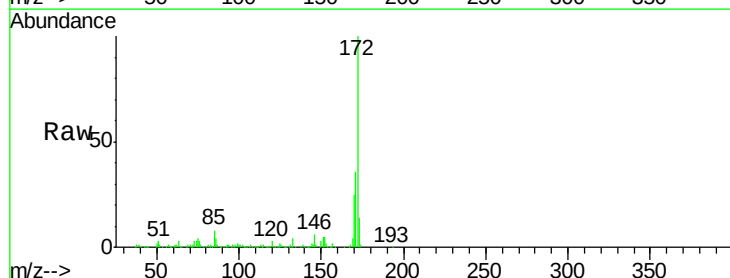


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

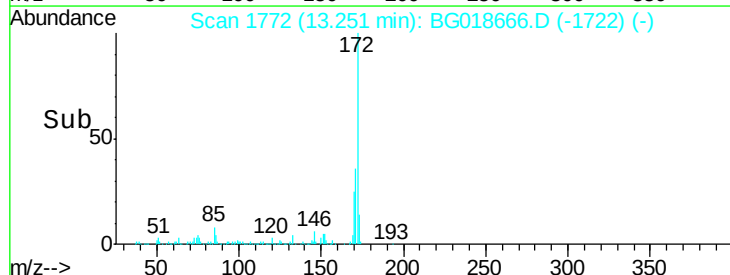
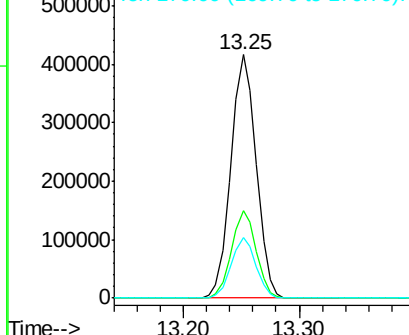


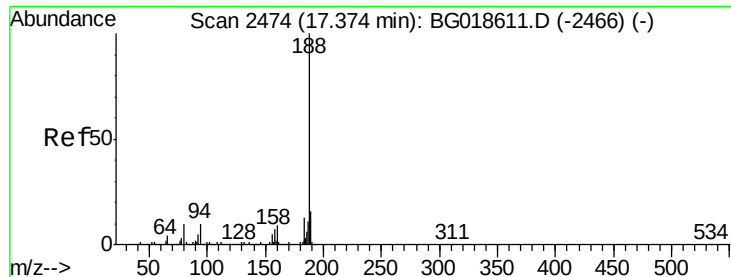
#44
 2-Fluorobiphenyl
 Concen: 56.40 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG018666.D
 Acq: 14 Sep 2015 17:43

Tgt Ion:172 Resp: 630414
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.8 19.9 29.9



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

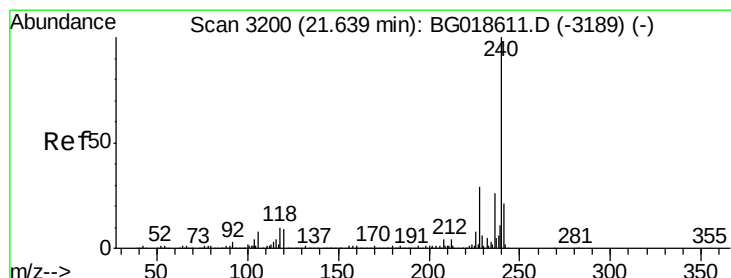
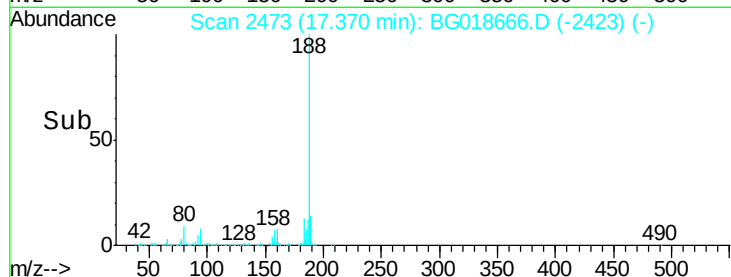
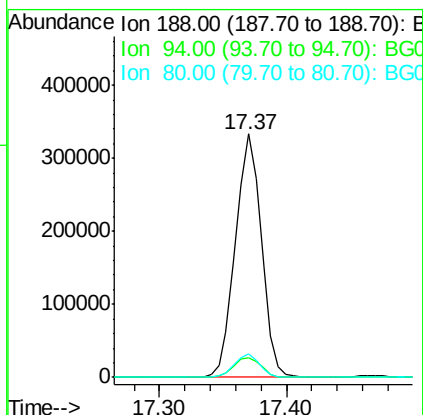
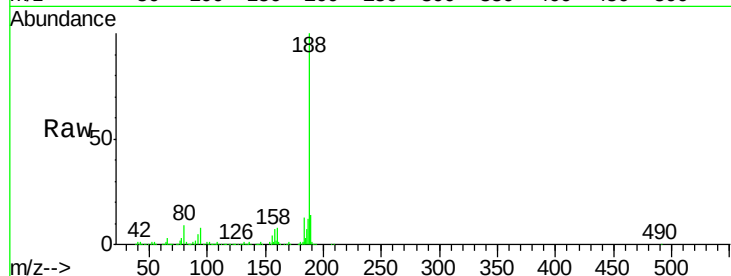




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018666.D
Acq: 14 Sep 2015 17:43

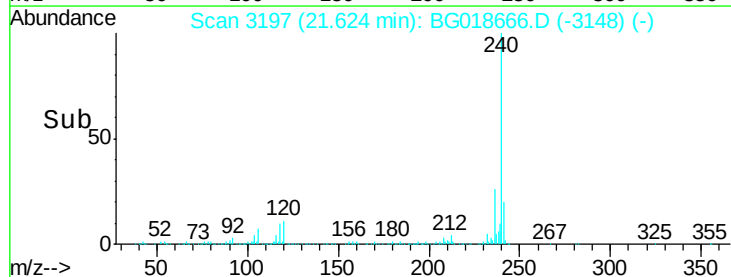
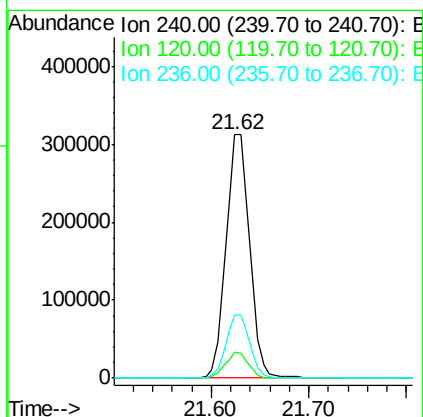
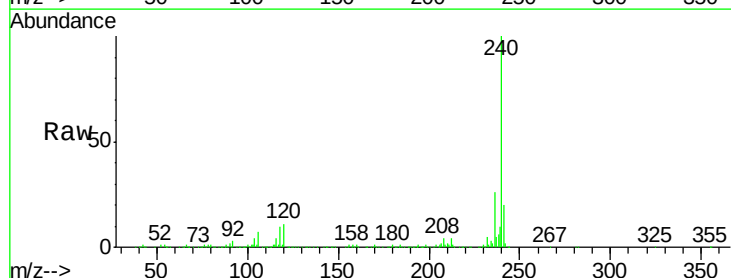
Instrument :
BNA_G
ClientSampleId :
PB85519BL

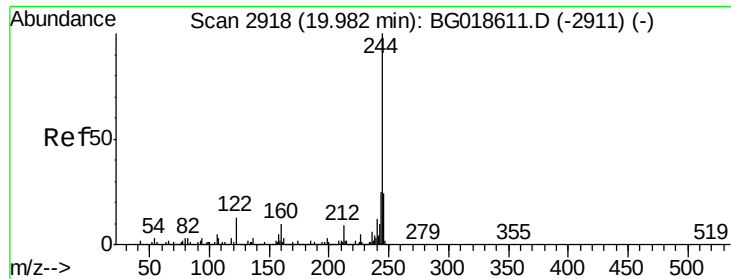
Tgt Ion:188 Resp: 473191
Ion Ratio Lower Upper
188 100
94 8.1 7.7 11.5
80 9.5 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG018666.D
Acq: 14 Sep 2015 17:43

Tgt Ion:240 Resp: 524264
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.0
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 59.24 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018666.D

Acq: 14 Sep 2015 17:43

Instrument :

BNA_G

ClientSampleId :

PB85519BL

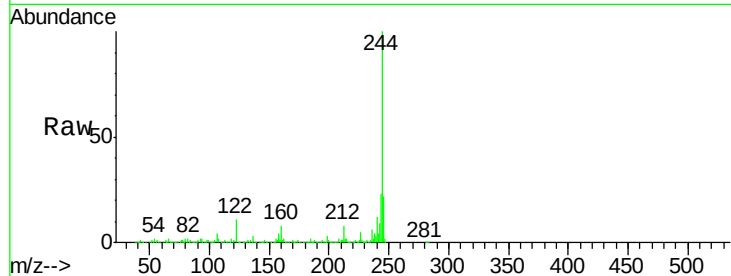
Tgt Ion:244 Resp: 1182797

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

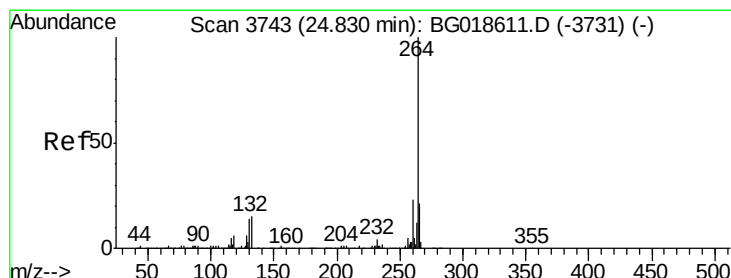
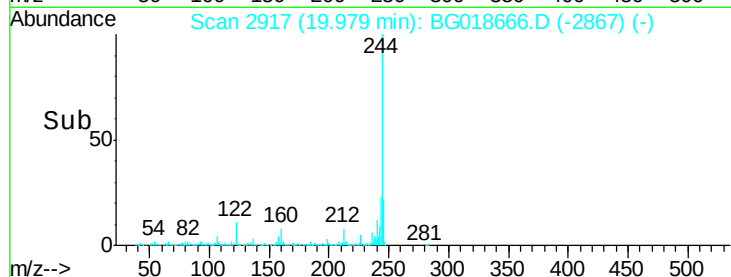
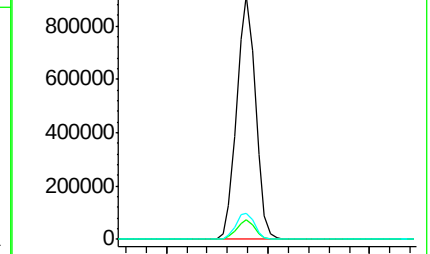
122 10.7 10.2 15.2



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: 24.81 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BG018666.D

Acq: 14 Sep 2015 17:43

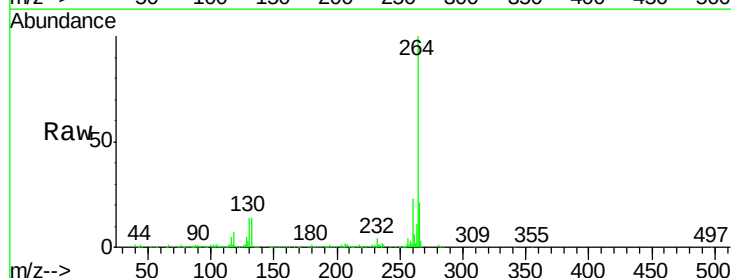
Tgt Ion:264 Resp: 512255

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.2 17.2 25.8



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

