

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
 Data File : BG018651.D
 Acq On : 11 Sep 2015 22:37
 Operator : UM/IZ
 Sample : G3558-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3WS

Quant Time: Sep 12 01:02:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69574	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	281351	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	187233	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	565246	20.00	ng	0.00
75) Chrysene-d12	21.63	240	648153	20.00	ng	0.00
86) Perylene-d12	24.82	264	647047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	272188	67.58	ng	0.00
7) Phenol-d6	7.16	99	373472	64.67	ng	0.00
23) Nitrobenzene-d5	9.16	82	235525	46.84	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	161538	64.08	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	619074	45.90	ng	0.00
78) Terphenyl-d14	19.98	244	1322902	53.60	ng	0.00

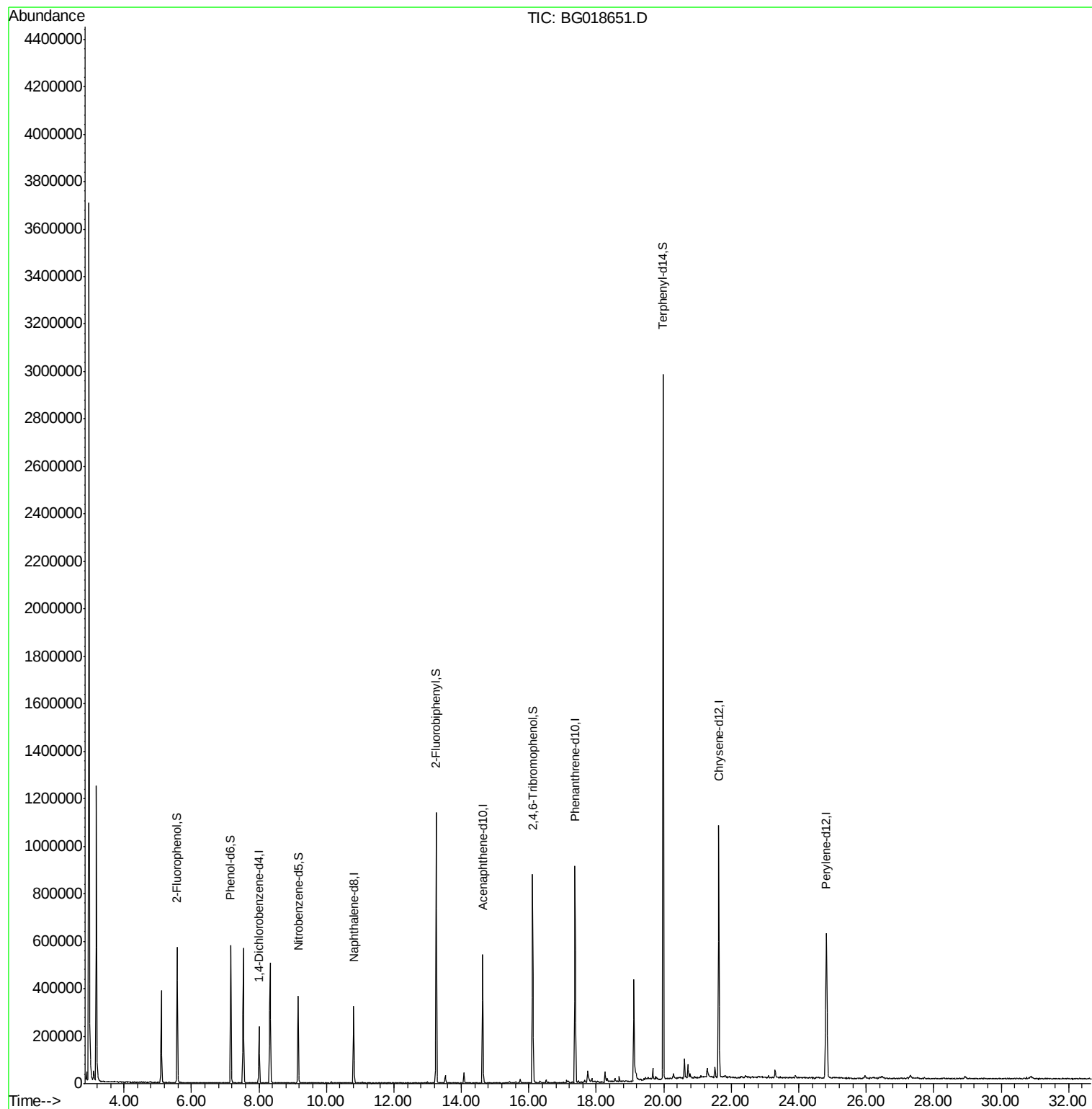
Target Compounds	Qvalue
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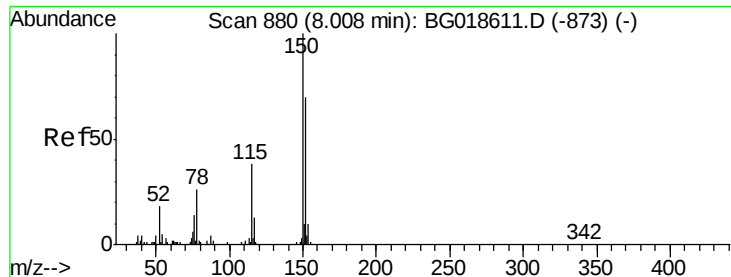
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG018651.D

Acq: 11 Sep 2015 22:37

Instrument :

BNA_G

ClientSampleId :

SB-3WS

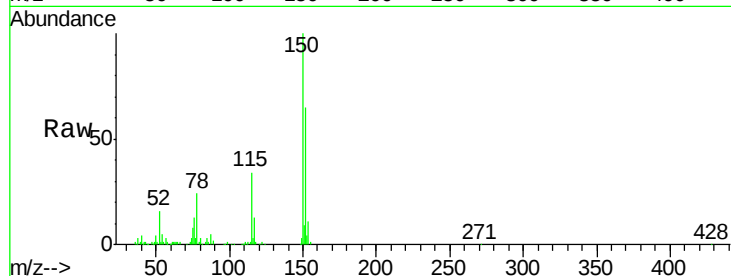
Tgt Ion:152 Resp: 69574

Ion Ratio Lower Upper

152 100

150 154.9 115.0 172.4

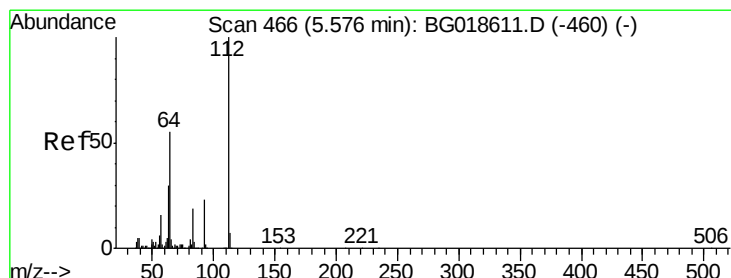
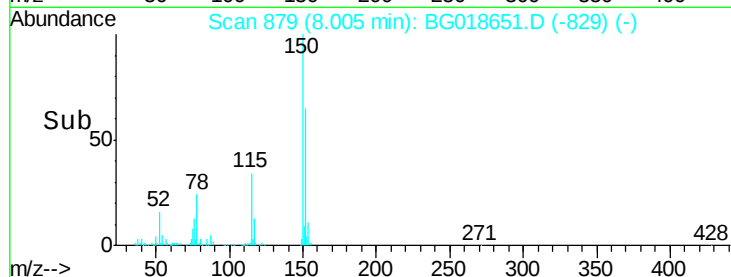
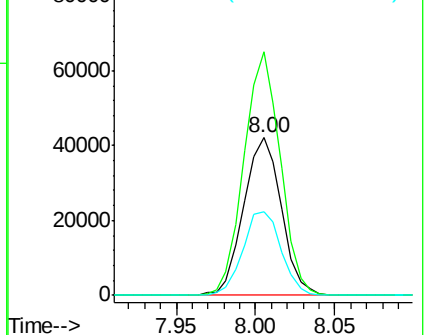
115 53.2 43.9 65.9



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: 67.58 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

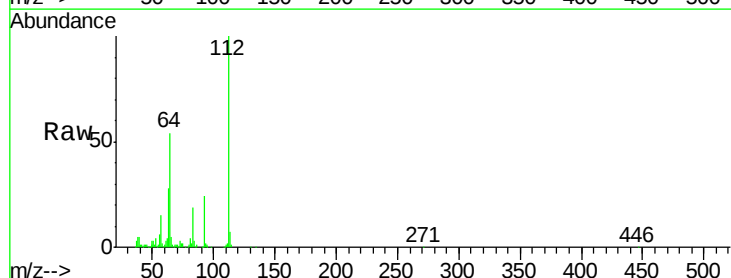
Tgt Ion:112 Resp: 272188

Ion Ratio Lower Upper

112 100

64 54.1 43.7 65.5

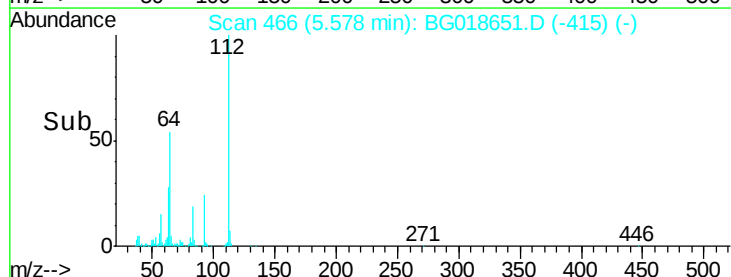
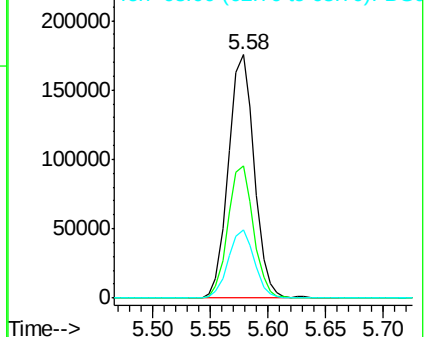
63 28.3 24.0 36.0

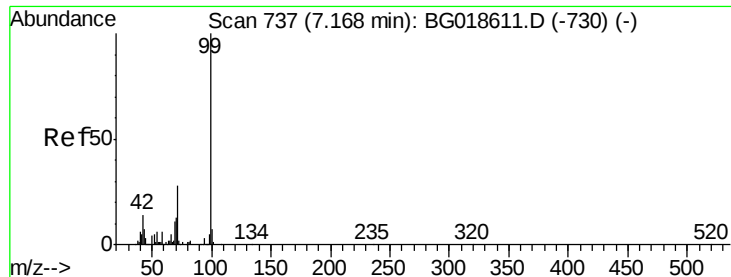


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 64.67 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

Instrument :

BNA_G

ClientSampleId :

SB-3WS

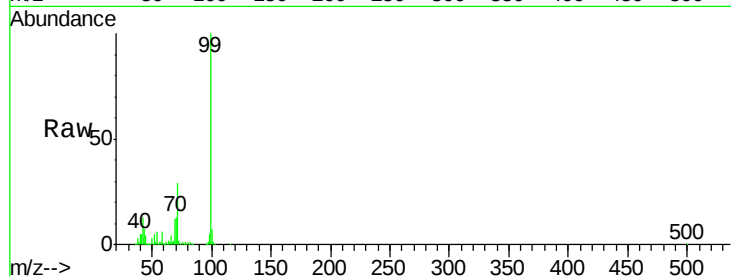
Tgt Ion: 99 Resp: 373472

Ion Ratio Lower Upper

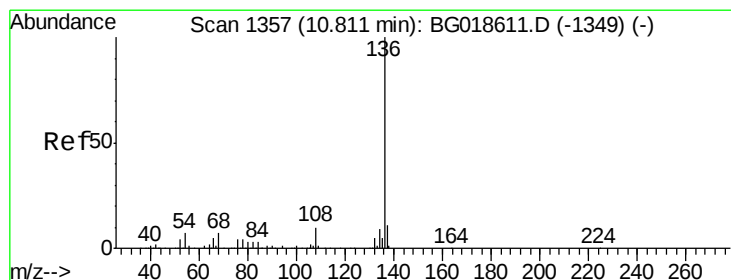
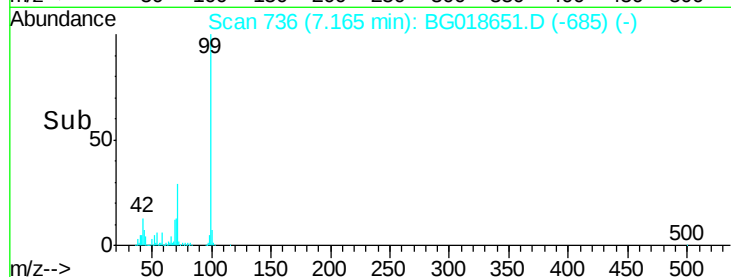
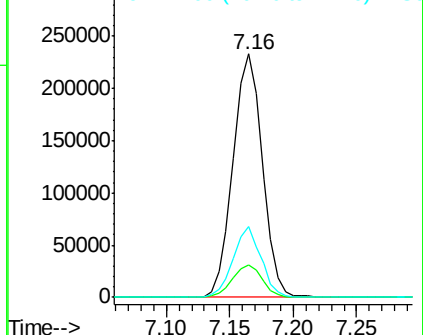
99 100

42 13.5 11.5 17.3

71 29.1 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: BG018651.D

Acq: 11 Sep 2015 22:37

Tgt Ion: 136 Resp: 281351

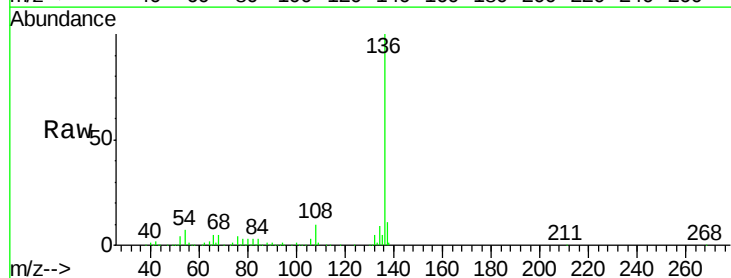
Ion Ratio Lower Upper

136 100

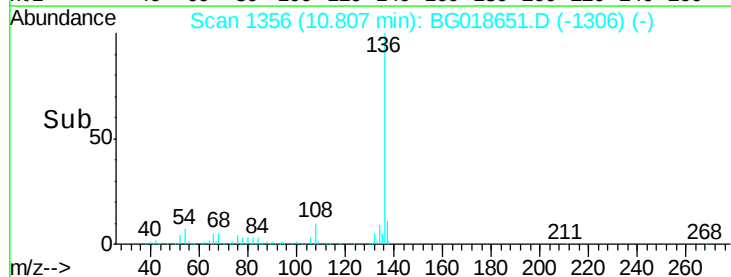
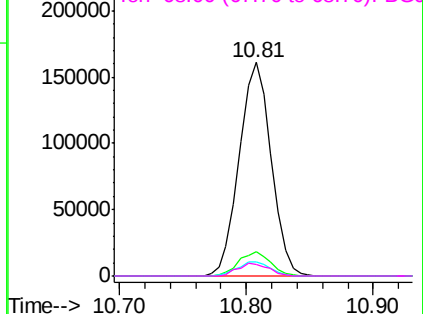
137 11.2 8.6 12.8

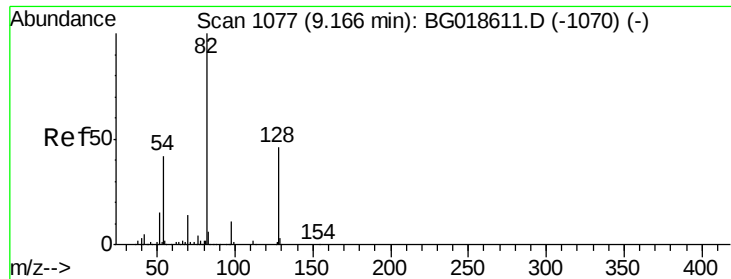
54 6.8 5.4 8.2

68 5.4 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

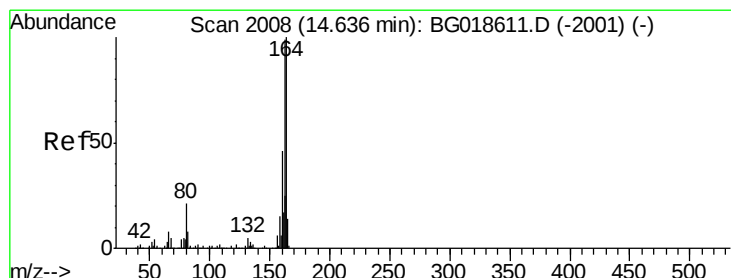
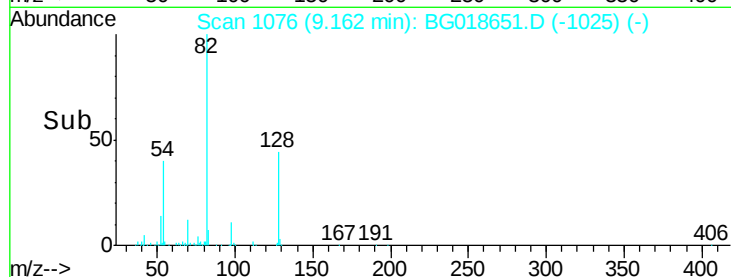
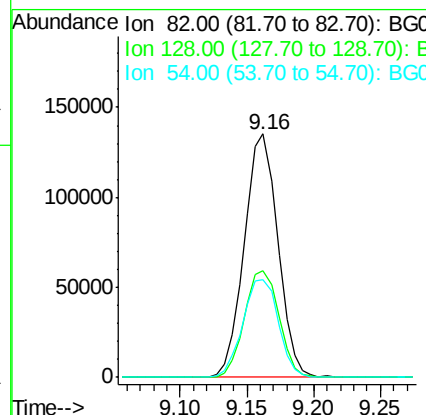
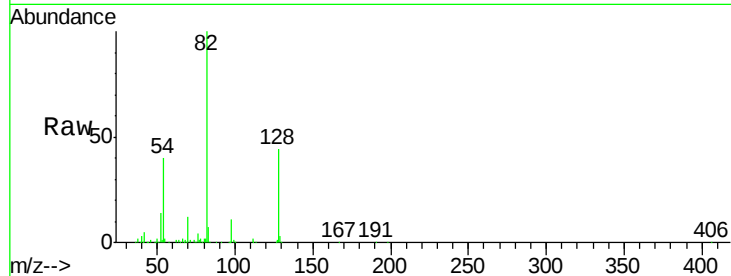




#23
 Nitrobenzene-d5
 Concen: 46.84 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018651.D
 Acq: 11 Sep 2015 22:37

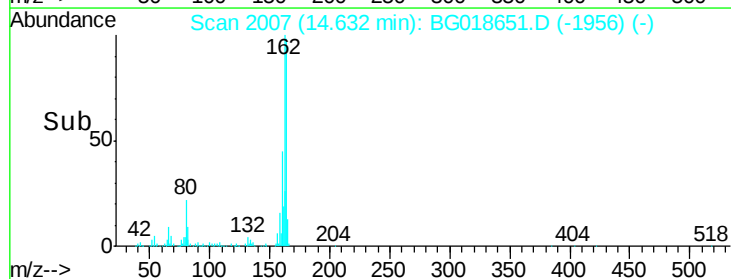
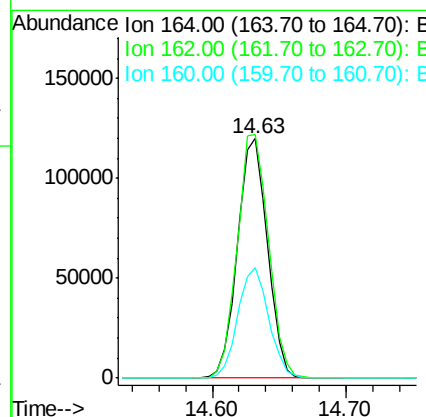
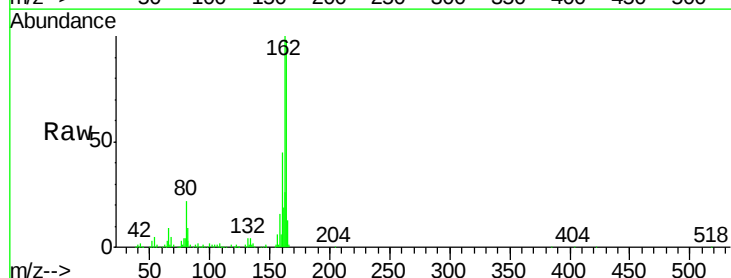
Instrument :
 BNA_G
 ClientSampleId :
 SB-3WS

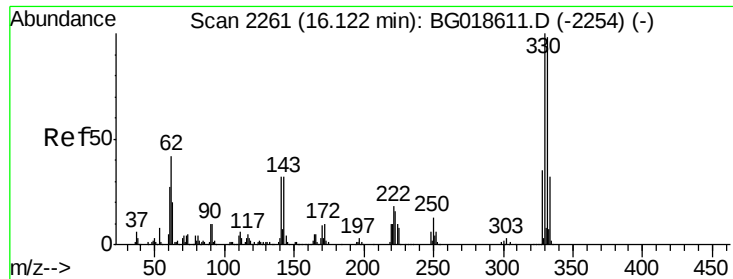
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.7	55.1
54	40.2	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG018651.D
 Acq: 11 Sep 2015 22:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	46.1	36.4	54.6

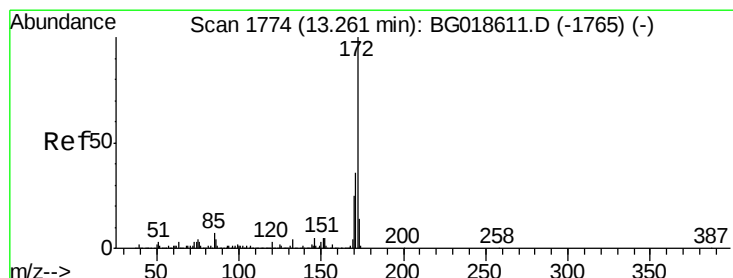
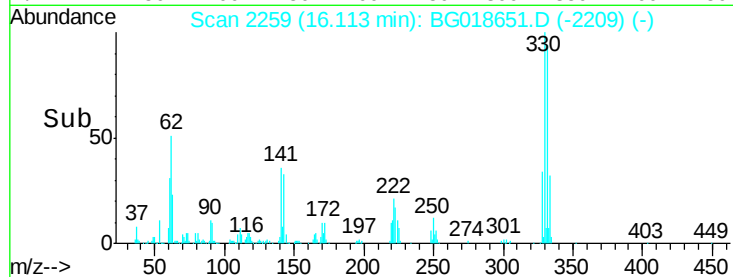
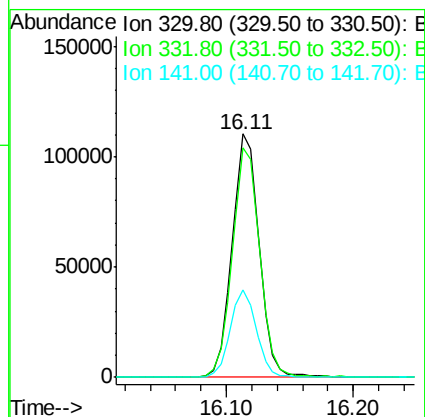
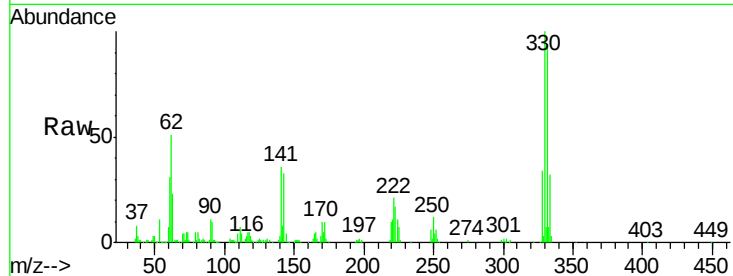




#41
 2,4,6-Tribromophenol
 Concen: 64.08 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BG018651.D
 Acq: 11 Sep 2015 22:37

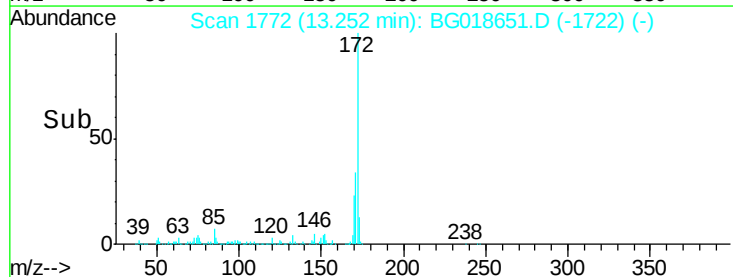
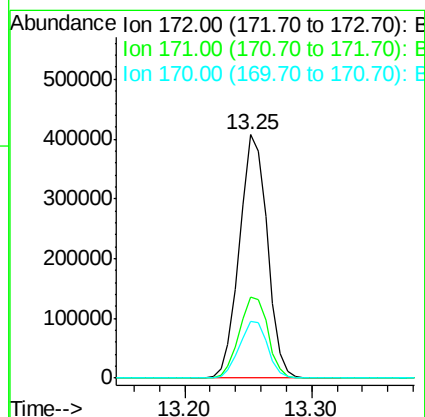
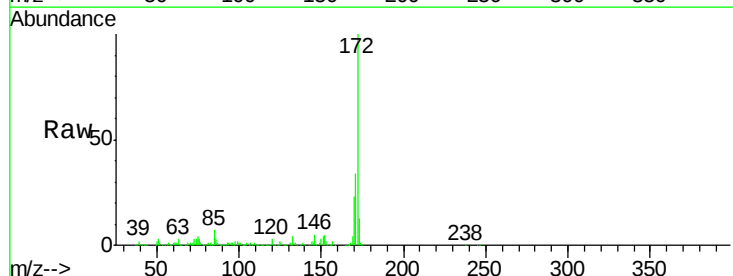
Instrument :
 BNA_G
 ClientSampled :
 SB-3WS

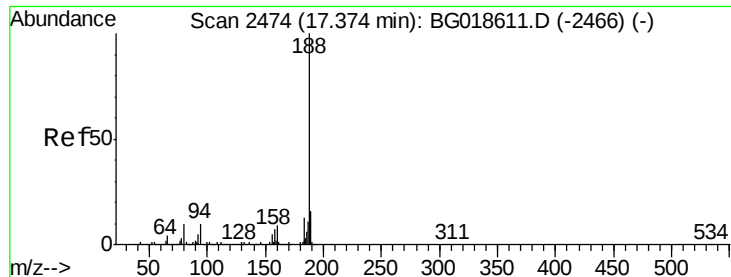
Tgt Ion:330 Resp: 161538
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.1 117.1
 141 35.0 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 45.90 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG018651.D
 Acq: 11 Sep 2015 22:37

Tgt Ion:172 Resp: 619074
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.0 43.6
 170 23.5 19.9 29.9

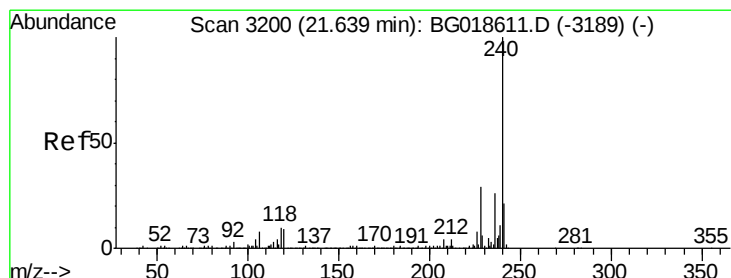
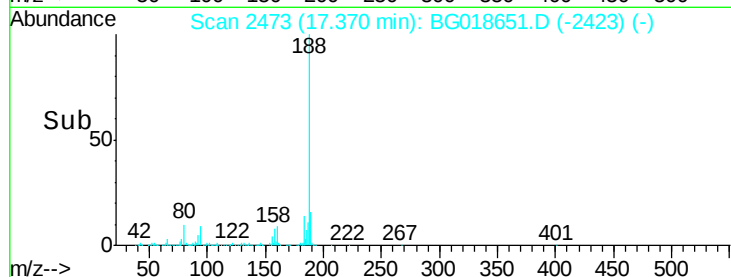
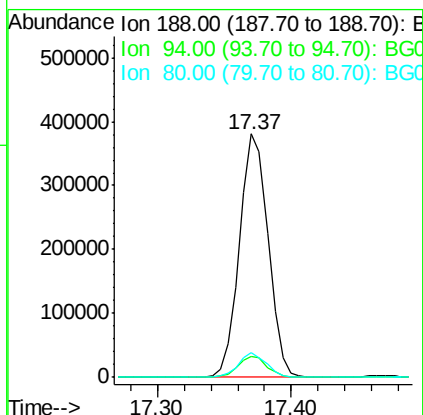
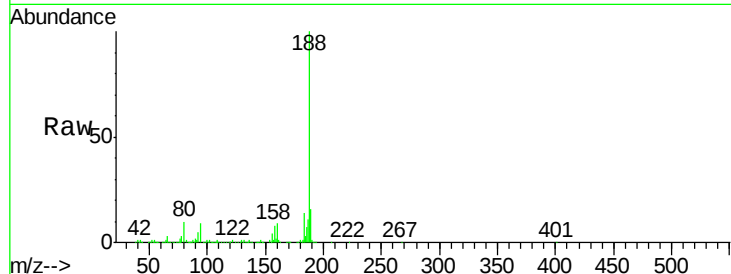




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018651.D
Acq: 11 Sep 2015 22:37

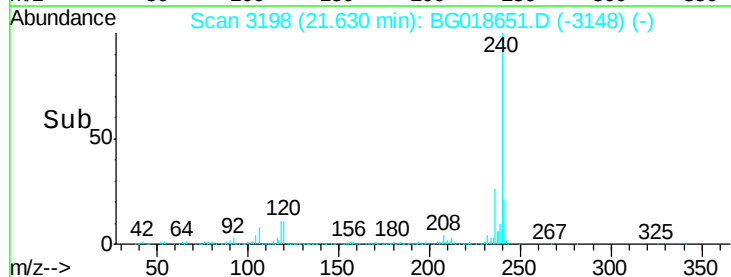
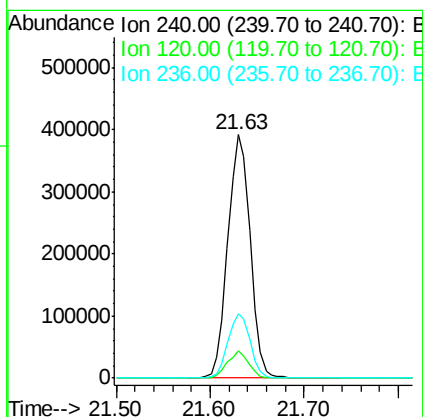
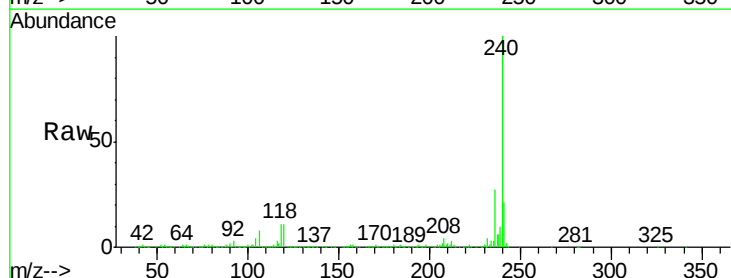
Instrument :
BNA_G
ClientSampleId :
SB-3WS

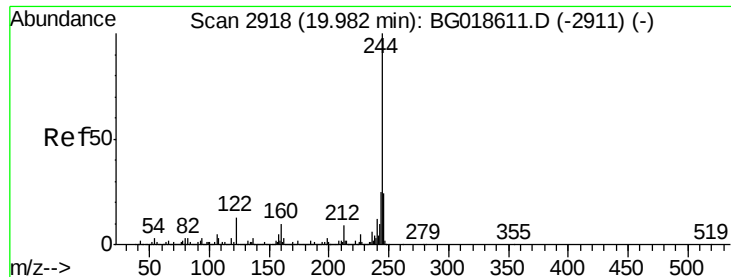
Tgt Ion:188 Resp: 565246
Ion Ratio Lower Upper
188 100
94 8.6 7.7 11.5
80 10.1 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BG018651.D
Acq: 11 Sep 2015 22:37

Tgt Ion:240 Resp: 648153
Ion Ratio Lower Upper
240 100
120 11.1 7.4 11.0#
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 53.60 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

Instrument :

BNA_G

ClientSampleId :

SB-3WS

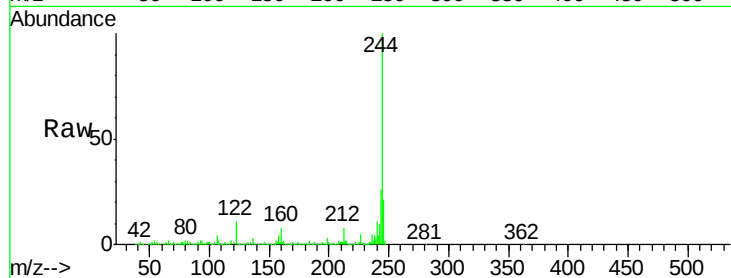
Tgt Ion:244 Resp: 1322902

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

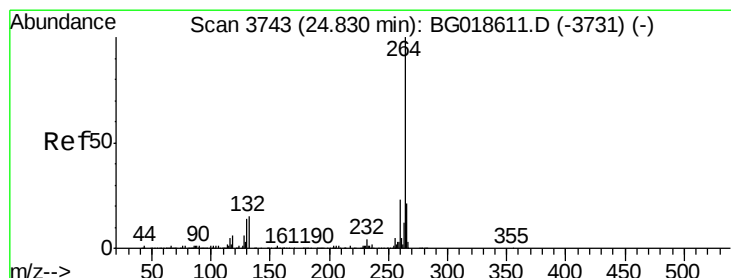
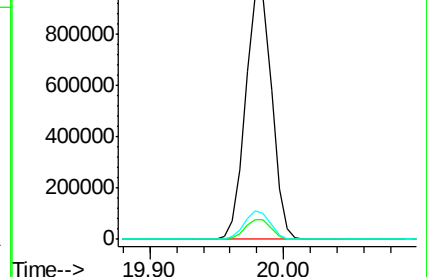
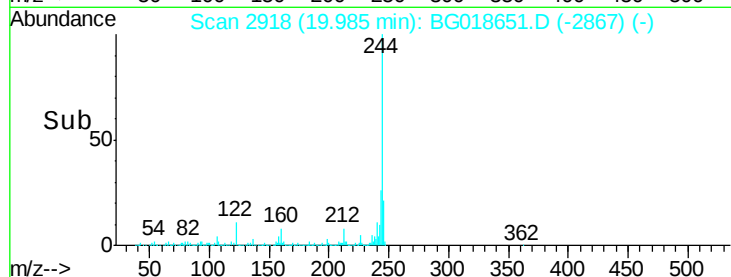
122 10.8 10.2 15.2



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: 24.82 min Scan# 3741

Delta R.T. -0.00 min

Lab File: BG018651.D

Acq: 11 Sep 2015 22:37

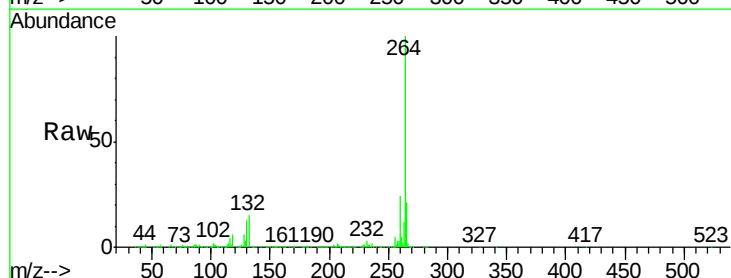
Tgt Ion:264 Resp: 647047

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.3 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

