

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091915\
 Data File : BG018761.D
 Acq On : 18 Sep 2015 10:13
 Operator : TP
 Sample : PB85606BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85606BL

Quant Time: Sep 19 00:06:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 23:51:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37090	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	153134	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	114156	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	328411	20.00	ng	0.00
75) Chrysene-d12	21.63	240	353983	20.00	ng	0.00
86) Perylene-d12	24.82	264	342646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	291018	135.54	ng	0.00
7) Phenol-d6	7.16	99	407444	132.35	ng	0.00
23) Nitrobenzene-d5	9.16	82	224507	82.04	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	219976	143.11	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	635455	77.27	ng	0.00
78) Terphenyl-d14	19.98	244	1188183	88.14	ng	0.00

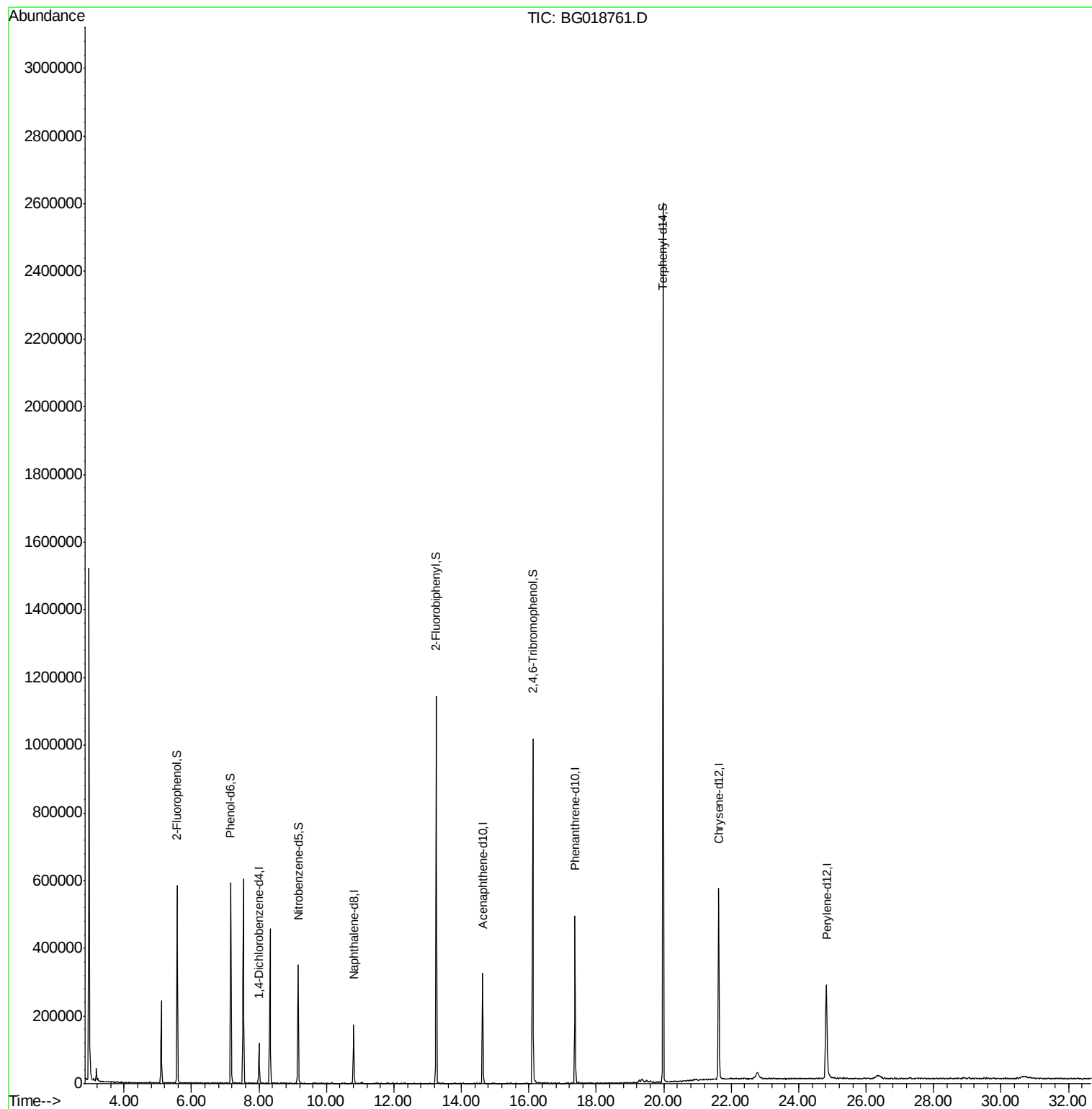
Target Compounds	Qvalue
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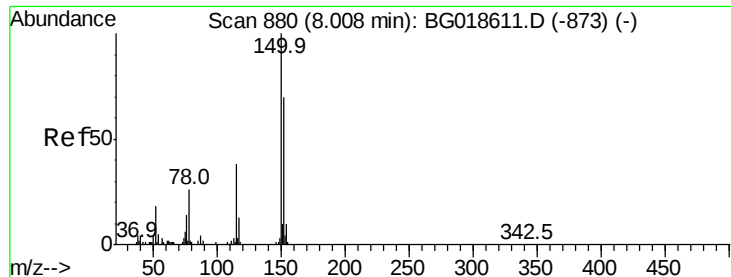
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 23:51:57 2015
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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: BG018761.D

Acq: 18 Sep 2015 10:13

Instrument :

BNA_G

ClientSampleId :

PB85606BL

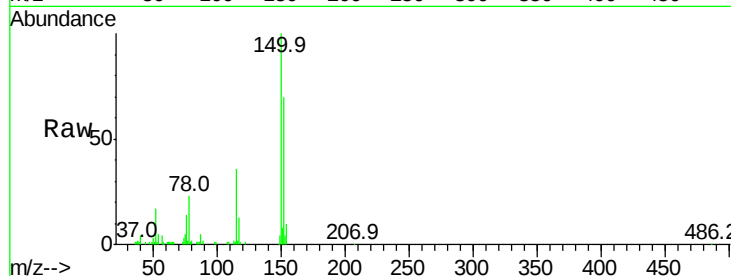
Tgt Ion:152 Resp: 37090

Ion Ratio Lower Upper

152 100

150 142.9 115.0 172.4

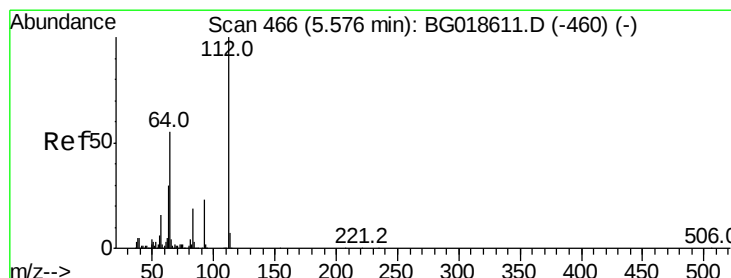
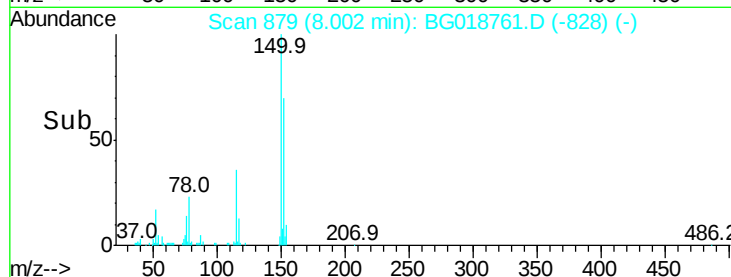
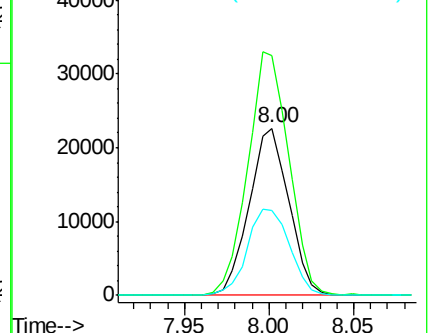
115 50.9 43.9 65.9



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: 135.54 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018761.D

Acq: 18 Sep 2015 10:13

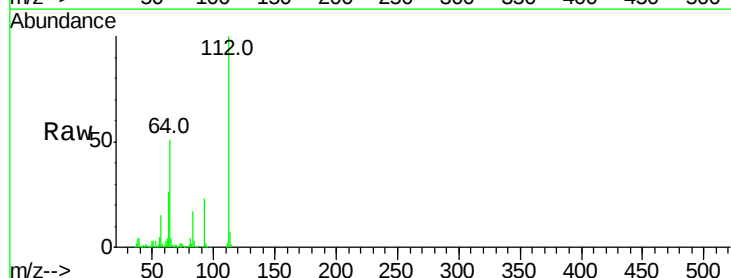
Tgt Ion:112 Resp: 291018

Ion Ratio Lower Upper

112 100

64 50.6 43.7 65.5

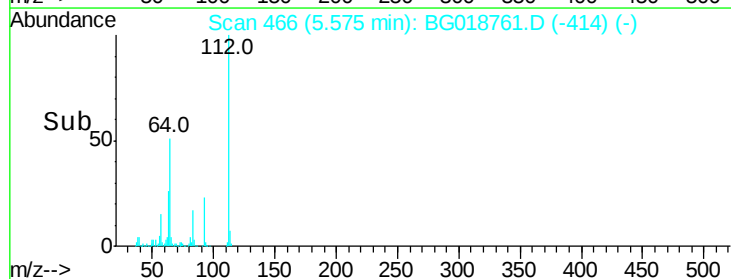
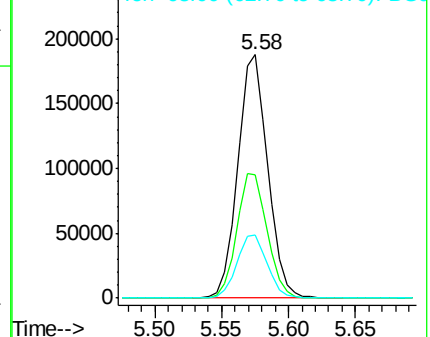
63 26.0 24.0 36.0

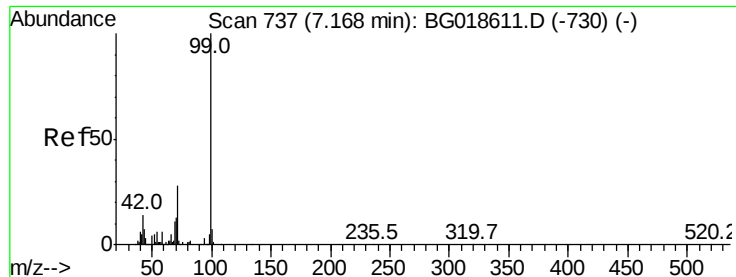


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.35 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG018761.D

Acq: 18 Sep 2015 10:13

Instrument :

BNA_G

ClientSampleId :

PB85606BL

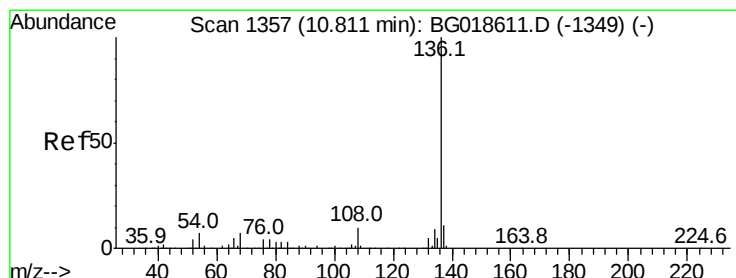
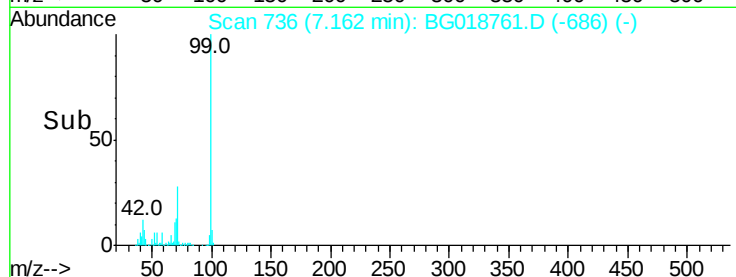
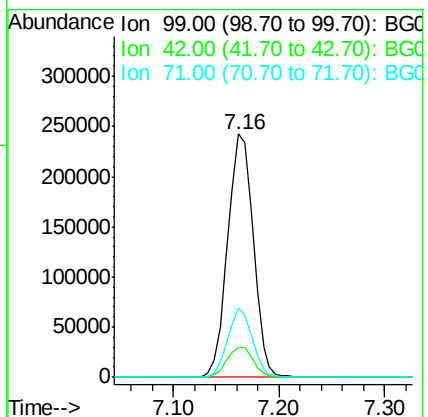
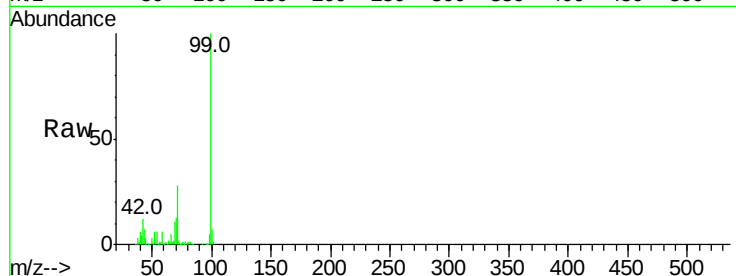
Tgt Ion: 99 Resp: 407444

Ion Ratio Lower Upper

99 100

42 12.5 11.5 17.3

71 28.4 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018761.D

Acq: 18 Sep 2015 10:13

Tgt Ion: 136 Resp: 153134

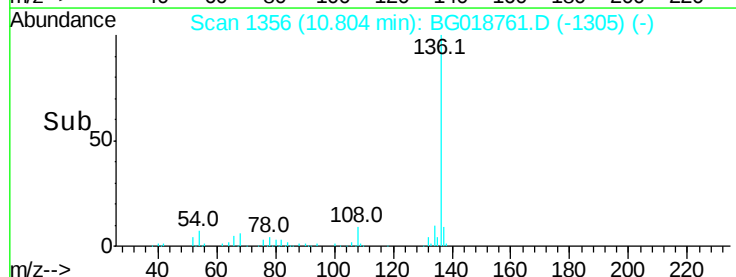
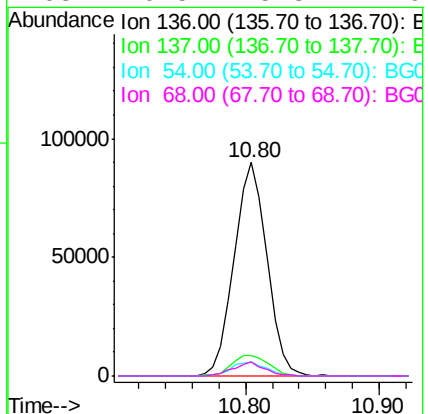
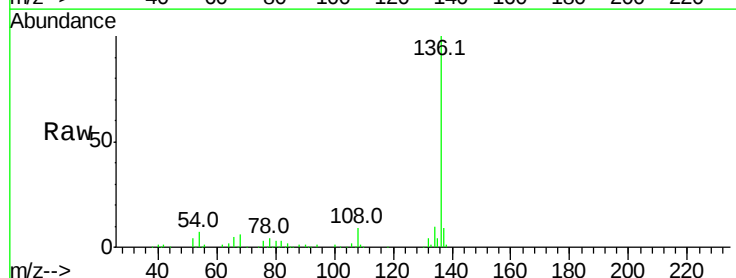
Ion Ratio Lower Upper

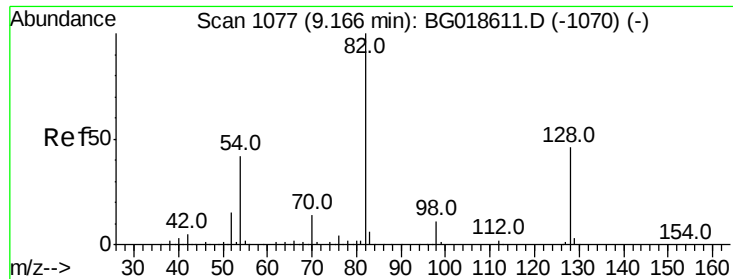
136 100

137 9.5 8.6 12.8

54 6.5 5.4 8.2

68 6.5 5.3 7.9

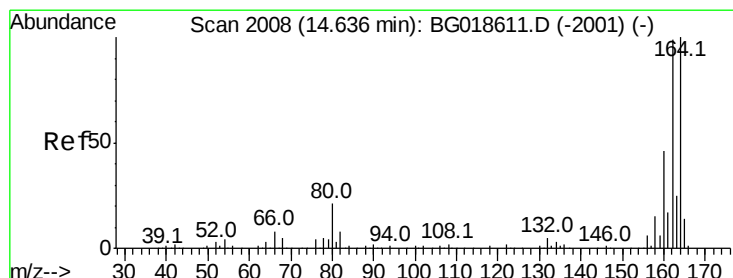
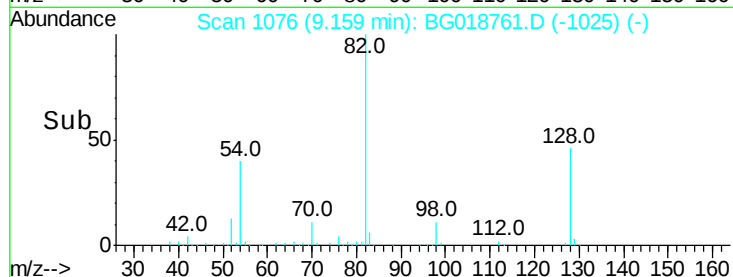
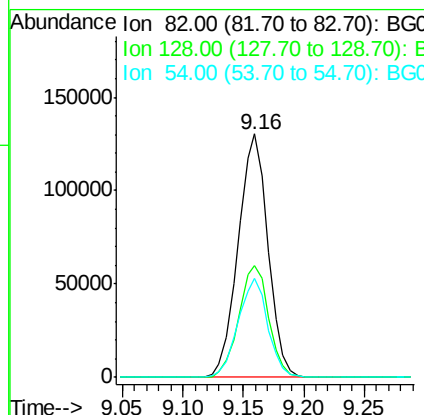
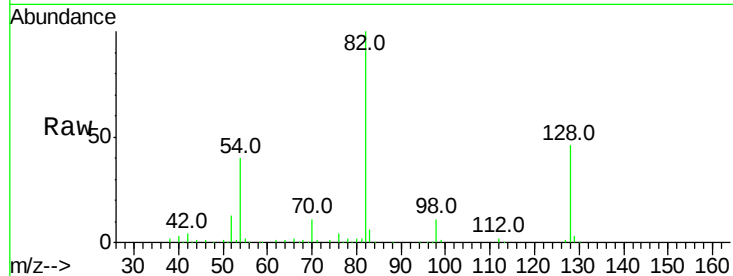




#23
 Nitrobenzene-d5
 Concen: 82.04 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018761.D
 Acq: 18 Sep 2015 10:13

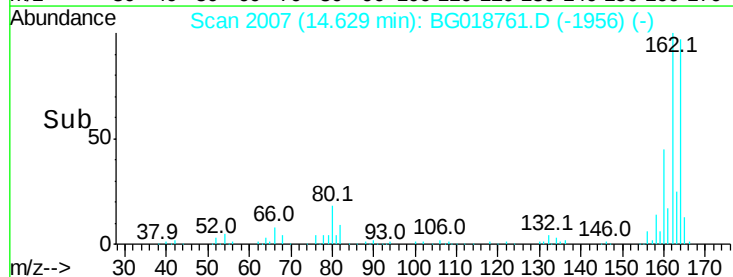
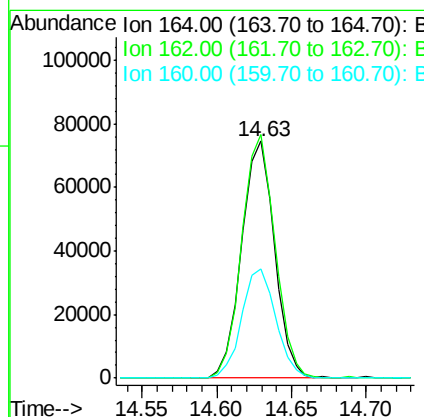
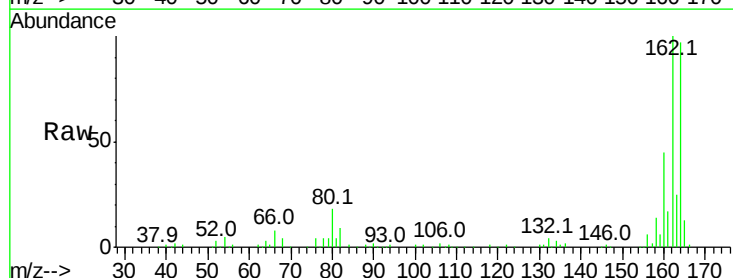
Instrument :
 BNA_G
 ClientSampleId :
 PB85606BL

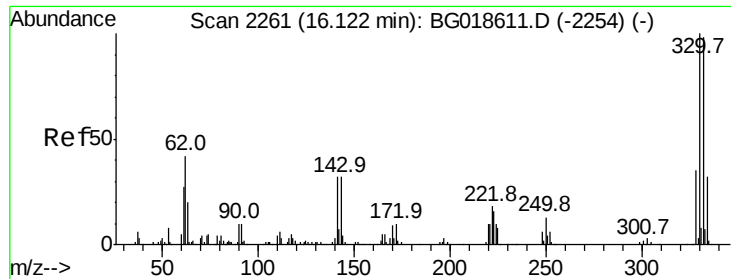
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.7	55.1
54	40.4	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG018761.D
 Acq: 18 Sep 2015 10:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	45.9	36.4	54.6

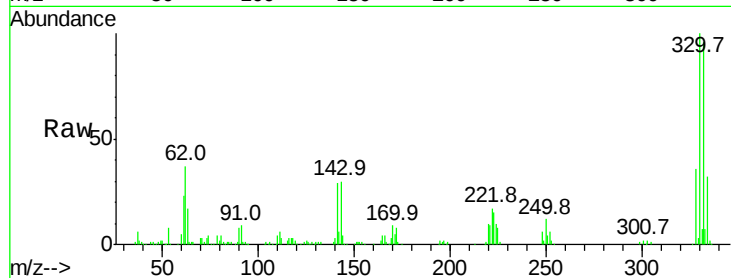




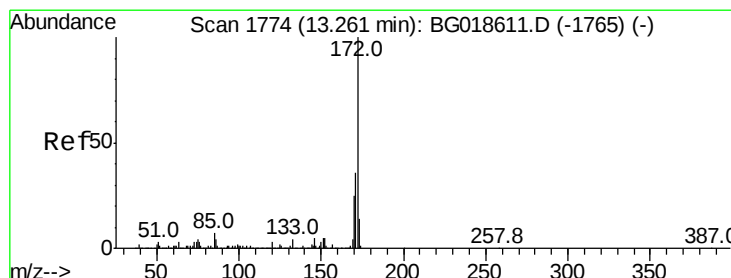
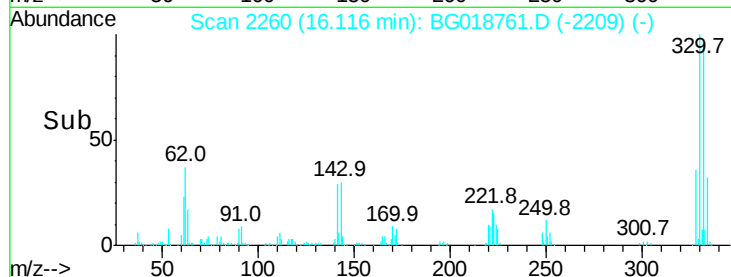
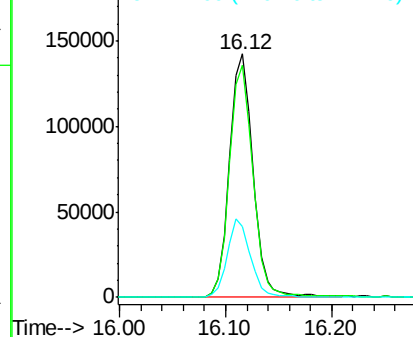
#41
 2,4,6-Tribromophenol
 Concen: 143.11 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG018761.D
 Acq: 18 Sep 2015 10:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85606BL

Tgt Ion:330 Resp: 219976
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.1 117.1
 141 32.1 28.2 42.2

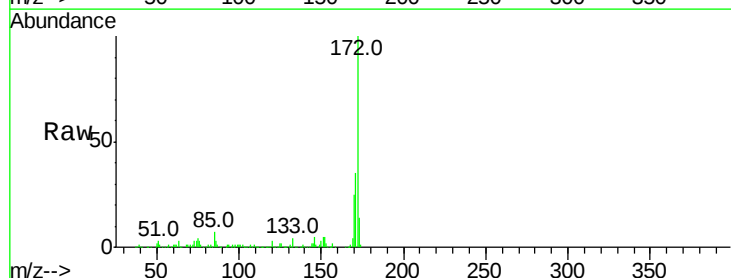


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

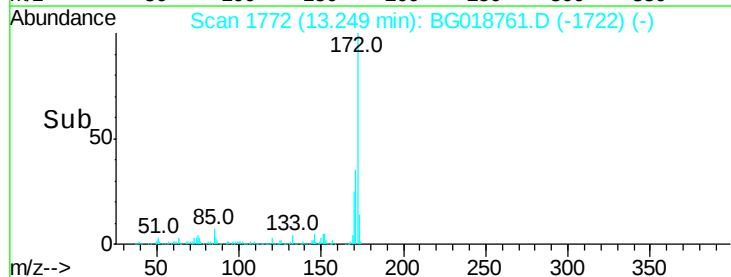
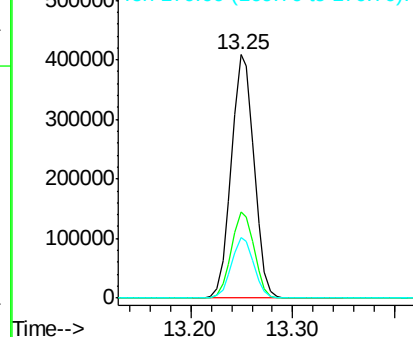


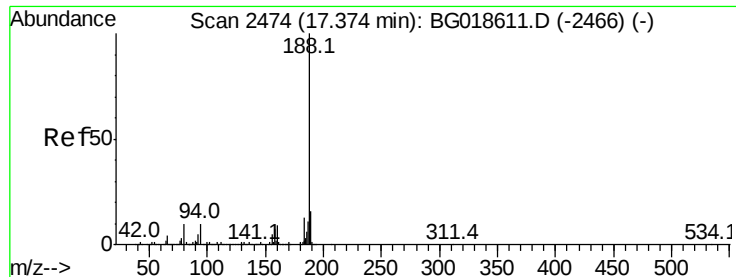
#44
 2-Fluorobiphenyl
 Concen: 77.27 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018761.D
 Acq: 18 Sep 2015 10:13

Tgt Ion:172 Resp: 635455
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 25.0 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

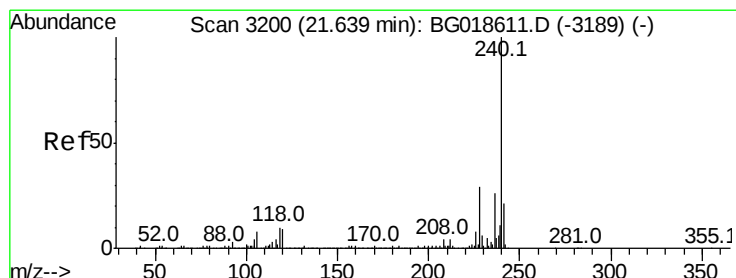
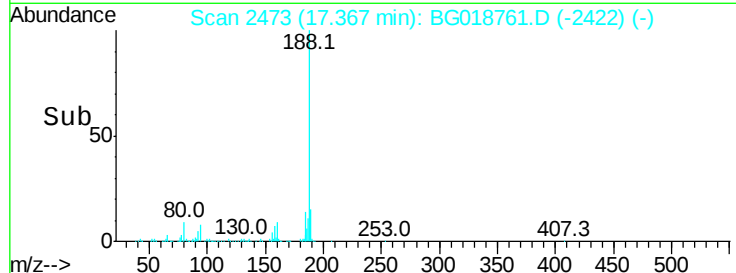
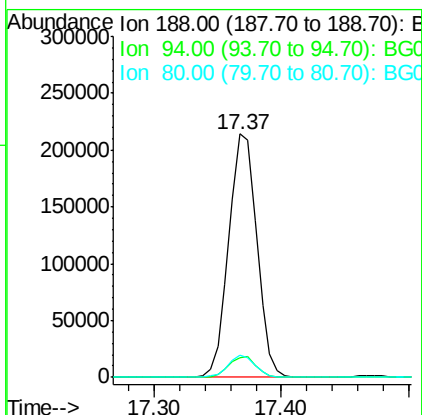
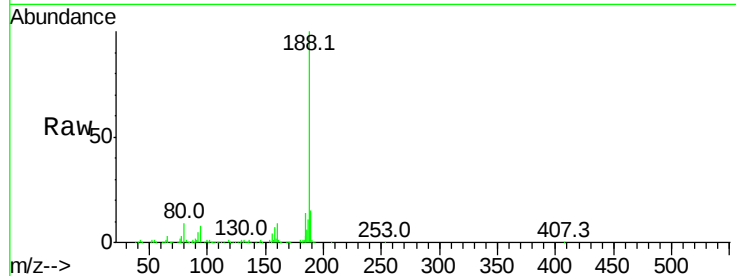




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018761.D
Acq: 18 Sep 2015 10:13

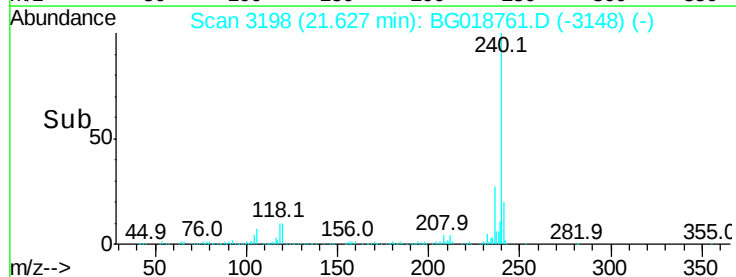
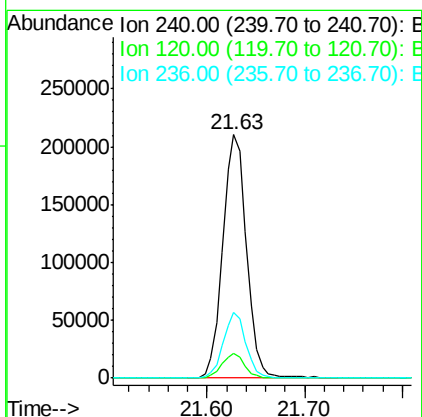
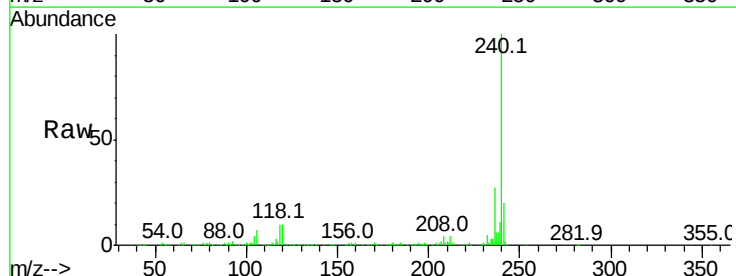
Instrument :
BNA_G
ClientSampleID :
PB85606BL

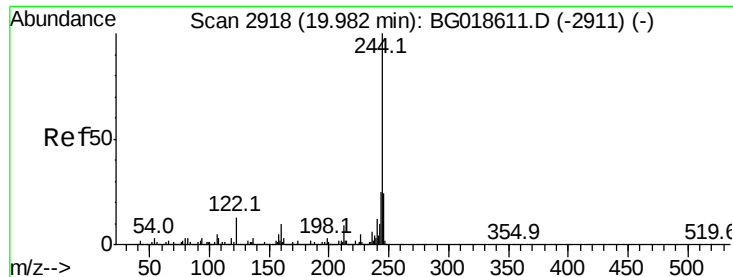
Tgt Ion:188 Resp: 328411
Ion Ratio Lower Upper
188 100
94 7.9 7.7 11.5
80 9.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018761.D
Acq: 18 Sep 2015 10:13

Tgt Ion:240 Resp: 353983
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 26.8 20.7 31.1





#78

Terphenyl-d14

Concen: 88.14 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

Lab File: BG018761.D

Acq: 18 Sep 2015 10:13

Instrument :

BNA_G

ClientSampleId :

PB85606BL

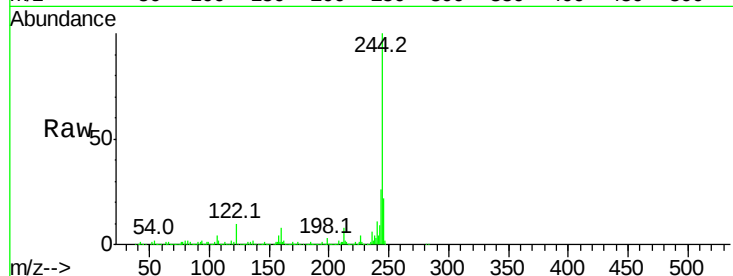
Tgt Ion:244 Resp: 1188183

Ion Ratio Lower Upper

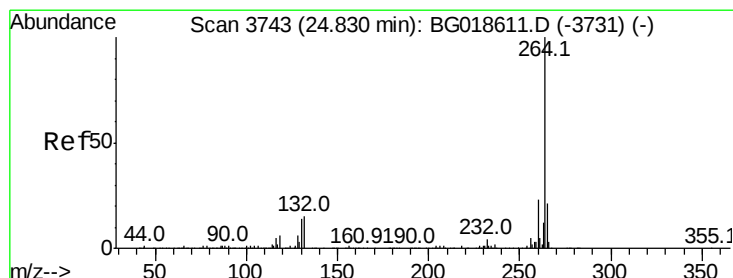
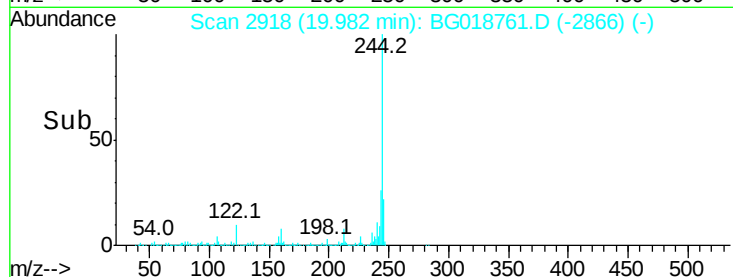
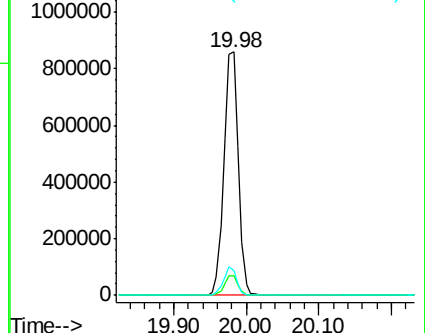
244 100

212 8.0 6.9 10.3

122 10.0 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: BG018761.D

Acq: 18 Sep 2015 10:13

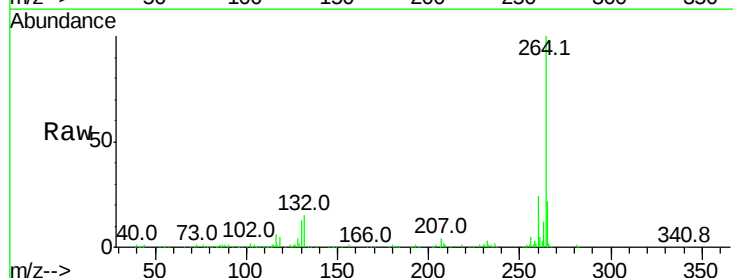
Tgt Ion:264 Resp: 342646

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.5 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

