

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
 Data File : BG018662.D
 Acq On : 14 Sep 2015 15:11
 Operator : UM/IZ
 Sample : PB85471BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

Quant Time: Sep 15 01:49:18 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	59511	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	237225	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	160732	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	480826	20.00	ng	0.00
75) Chrysene-d12	21.63	240	532706	20.00	ng	0.00
86) Perylene-d12	24.82	264	542443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	436797	126.79	ng	0.00
7) Phenol-d6	7.16	99	592143	119.88	ng	0.00
23) Nitrobenzene-d5	9.16	82	328525	77.49	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	285490	131.91	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	880349	76.03	ng	0.00
78) Terphenyl-d14	19.98	244	1621209	79.92	ng	0.00

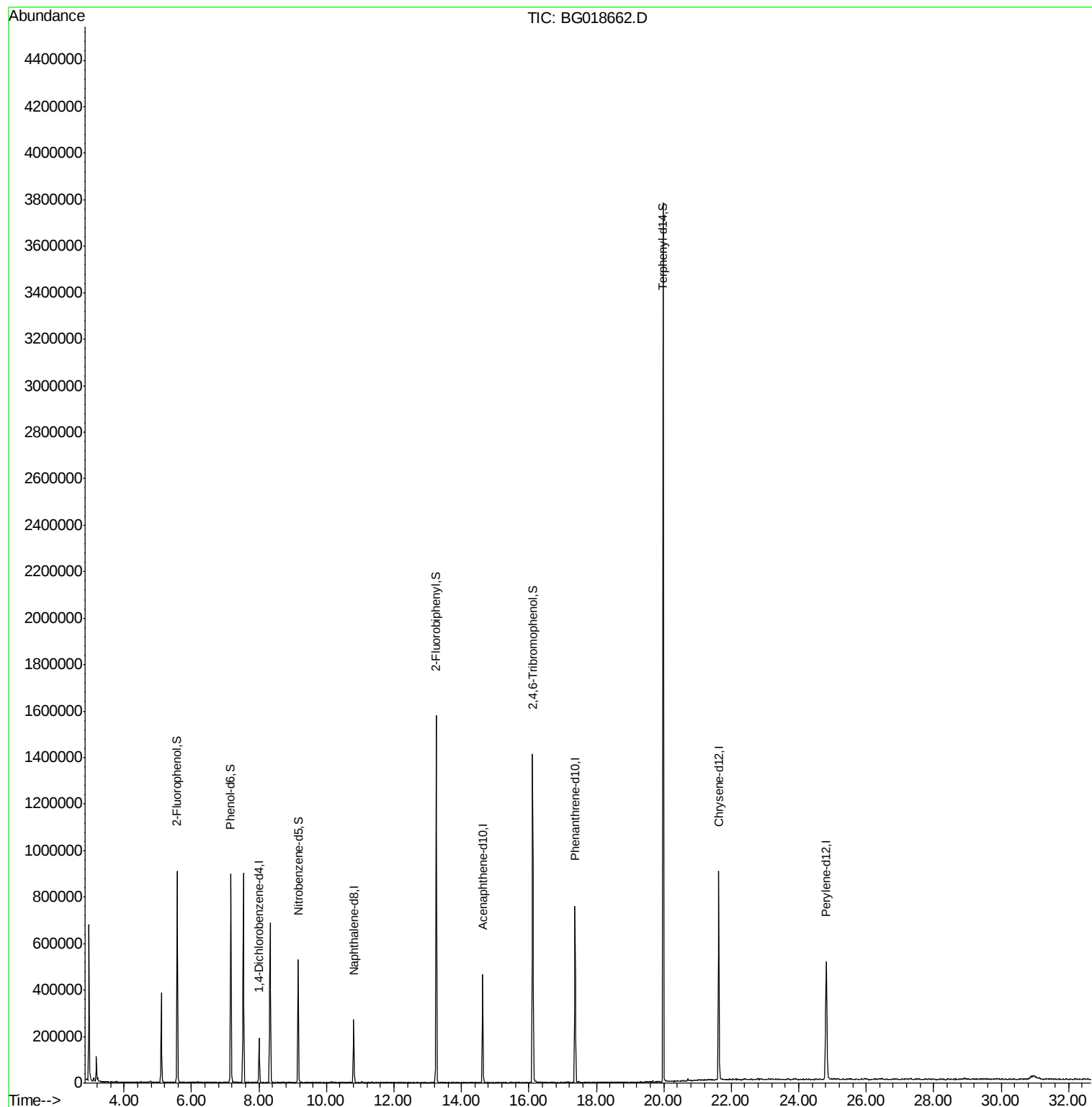
Target Compounds	Qvalue
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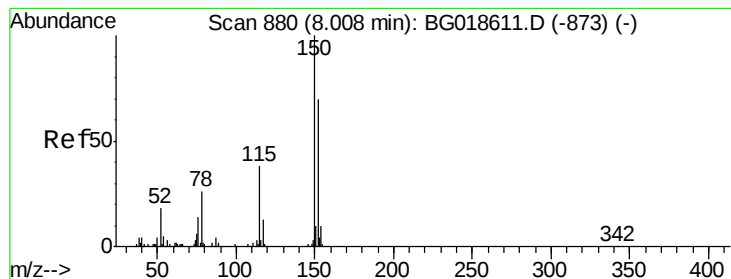
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

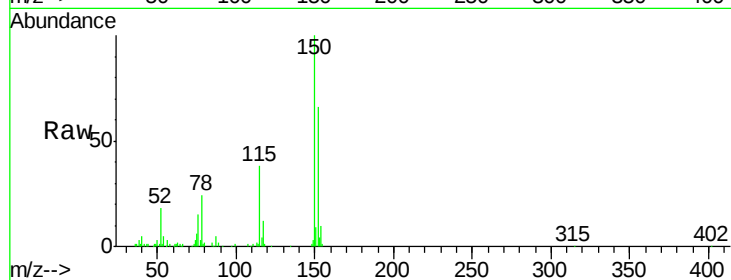
Tgt Ion:152 Resp: 59511

Ion Ratio Lower Upper

152 100

150 150.7 115.0 172.4

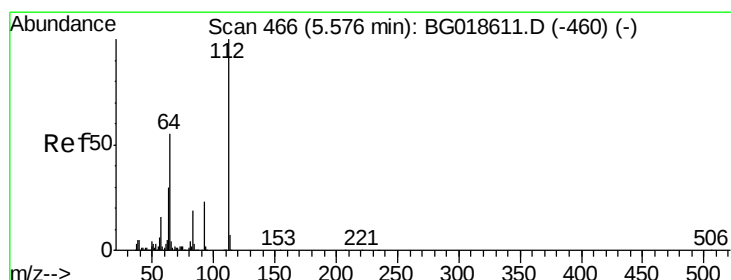
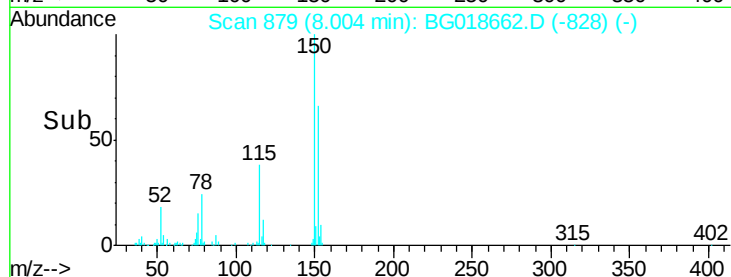
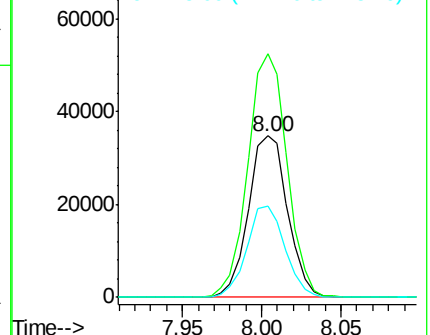
115 56.9 43.9 65.9



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: 126.79 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

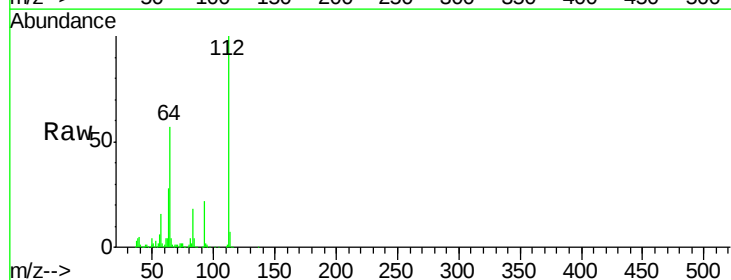
Tgt Ion:112 Resp: 436797

Ion Ratio Lower Upper

112 100

64 56.8 43.7 65.5

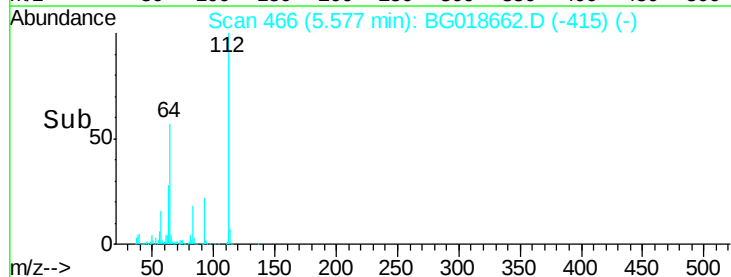
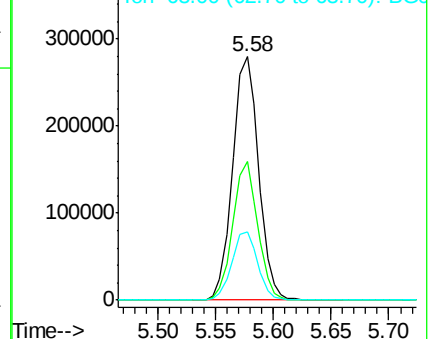
63 28.0 24.0 36.0

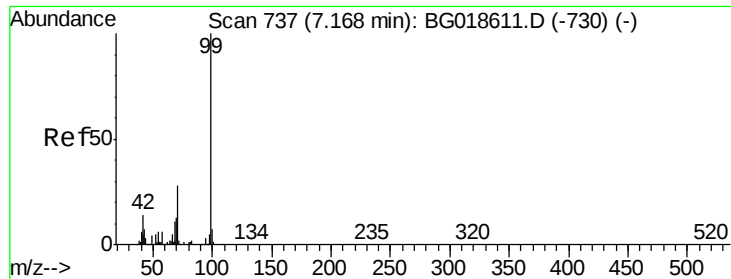


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.88 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

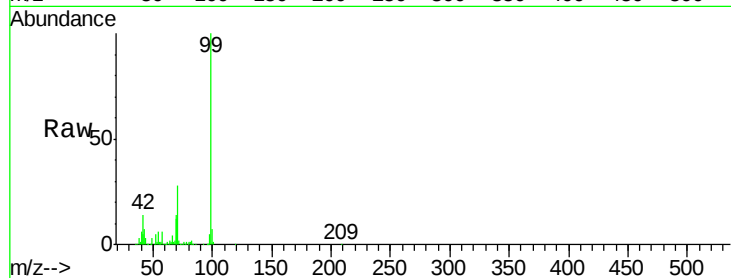
Tgt Ion: 99 Resp: 592143

Ion Ratio Lower Upper

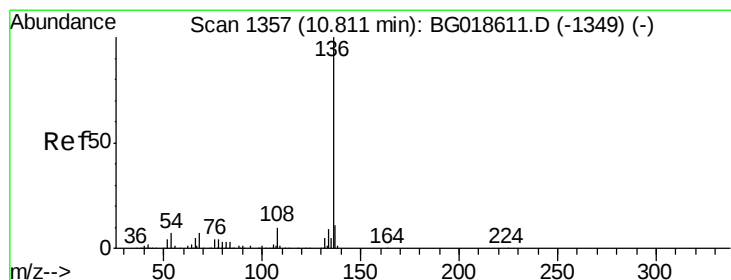
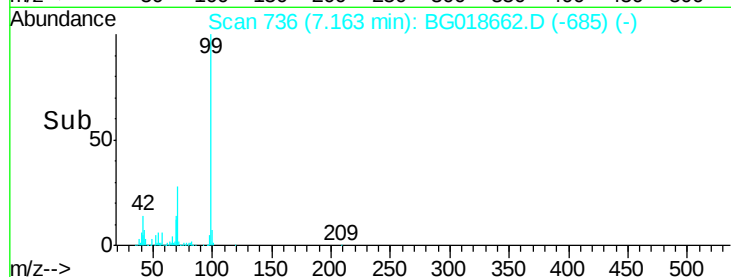
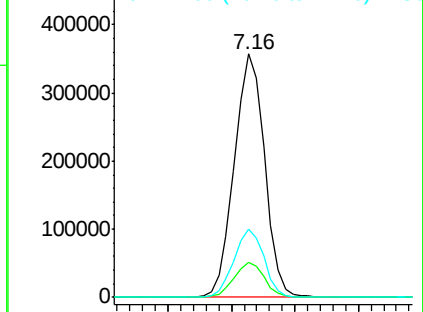
99 100

42 14.3 11.5 17.3

71 27.9 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: BG018662.D

Acq: 14 Sep 2015 15:11

Tgt Ion: 136 Resp: 237225

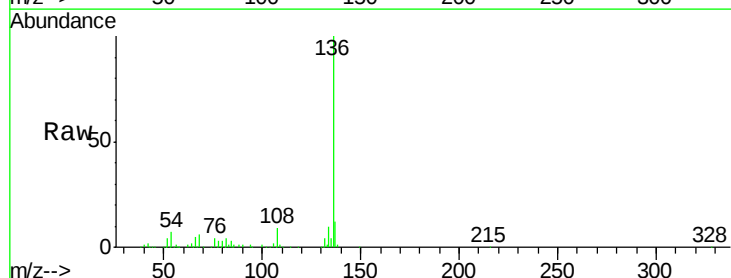
Ion Ratio Lower Upper

136 100

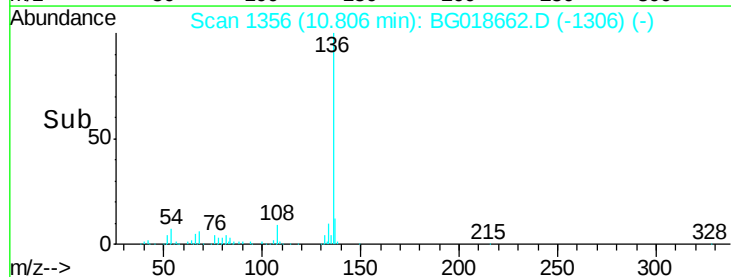
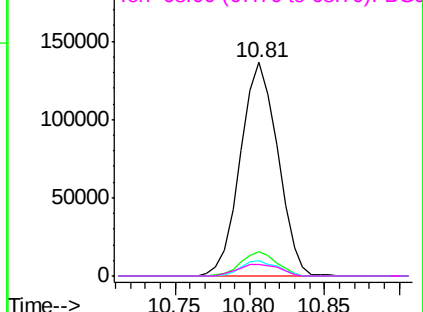
137 11.6 8.6 12.8

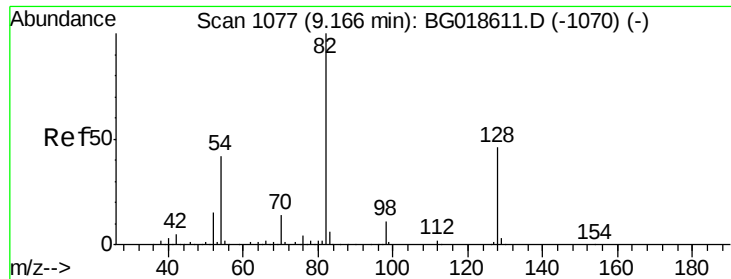
54 7.3 5.4 8.2

68 5.6 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

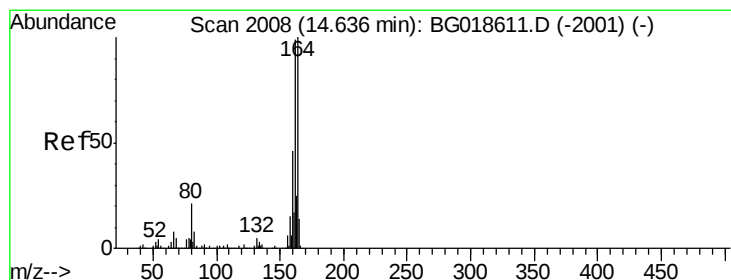
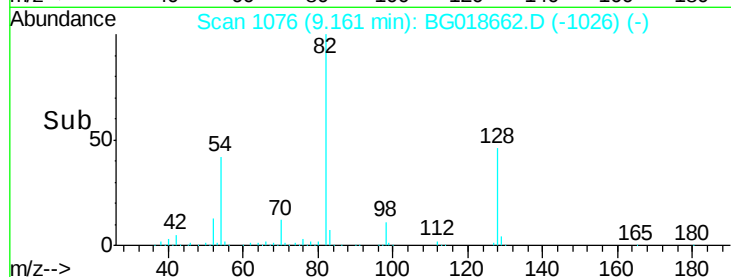
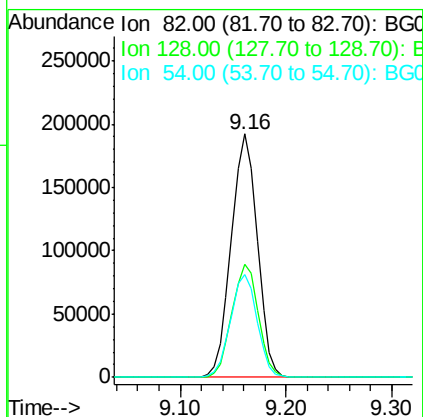
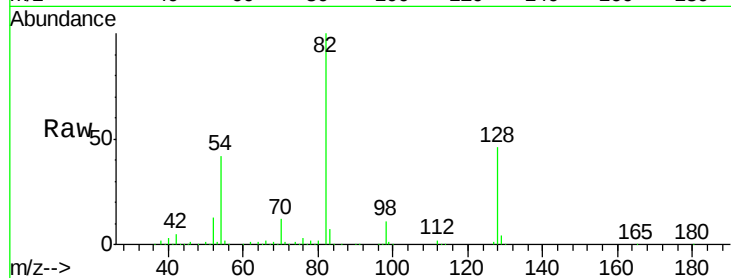




#23
 Nitrobenzene-d5
 Concen: 77.49 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018662.D
 Acq: 14 Sep 2015 15:11

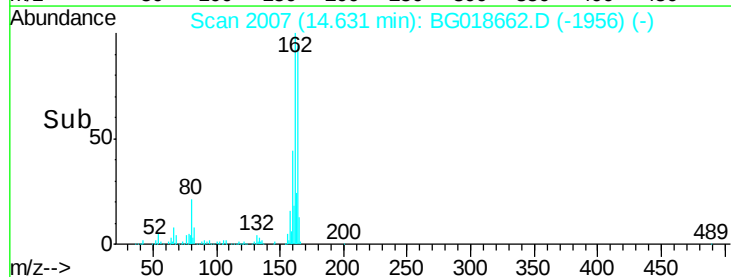
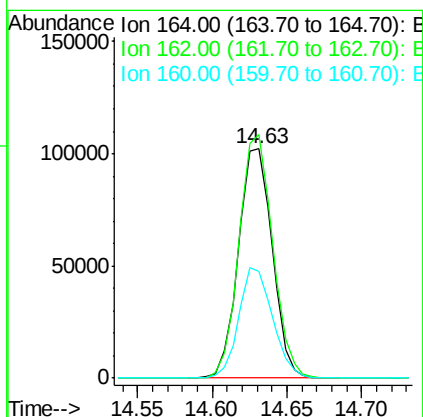
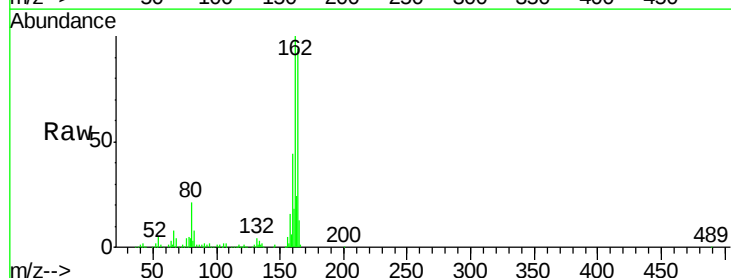
Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

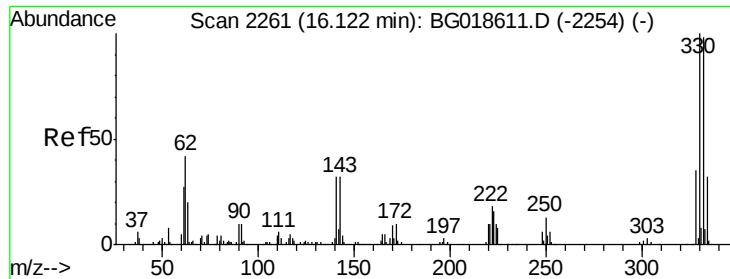
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.7	55.1
54	42.4	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG018662.D
 Acq: 14 Sep 2015 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	46.8	36.4	54.6

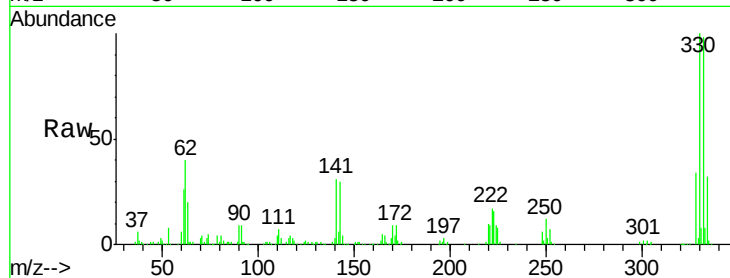




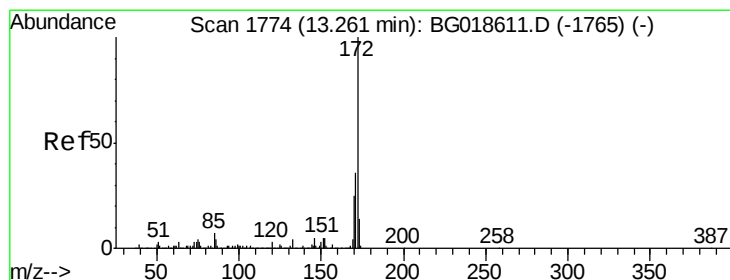
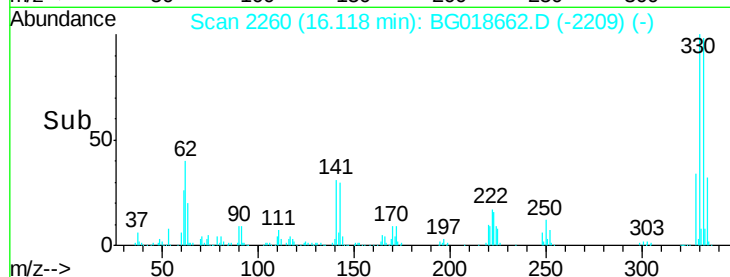
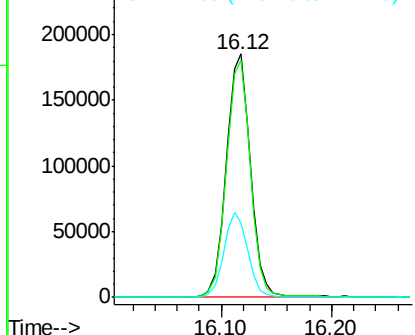
#41
 2,4,6-Tribromophenol
 Concen: 131.91 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG018662.D
 Acq: 14 Sep 2015 15:11

Instrument :
 BNA_G
 ClientSampleId :
 PB85471BL

Tgt Ion:330 Resp: 285490
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.1 117.1
 141 34.5 28.2 42.2

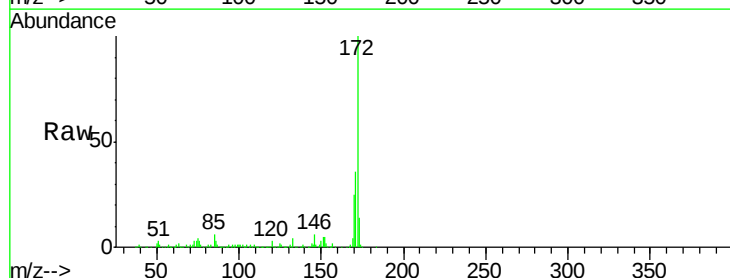


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

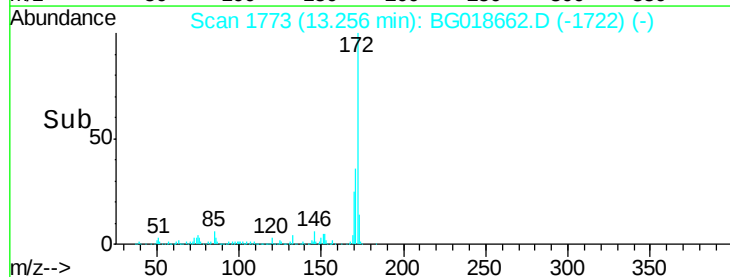
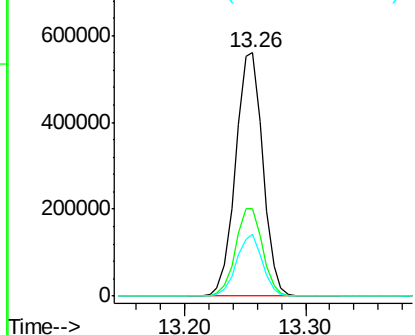


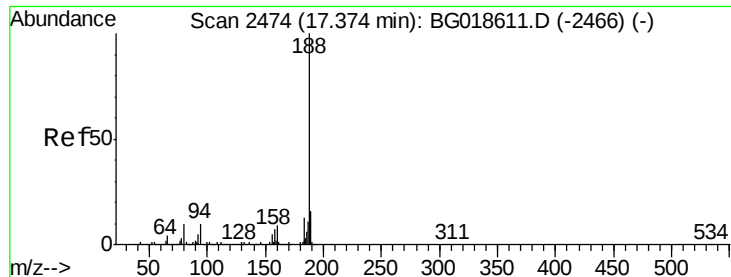
#44
 2-Fluorobiphenyl
 Concen: 76.03 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG018662.D
 Acq: 14 Sep 2015 15:11

Tgt Ion:172 Resp: 880349
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 25.2 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: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

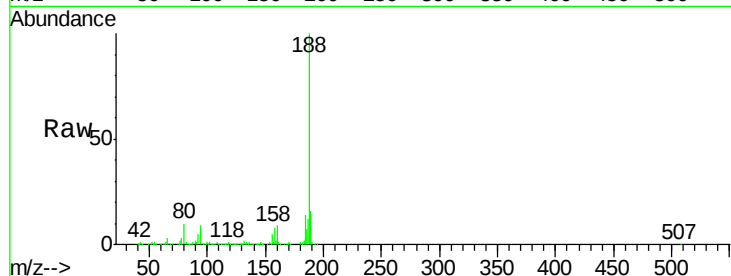
Tgt Ion:188 Resp: 480826

Ion Ratio Lower Upper

188 100

94 9.2 7.7 11.5

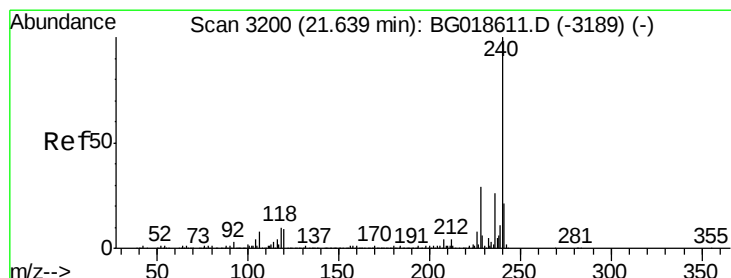
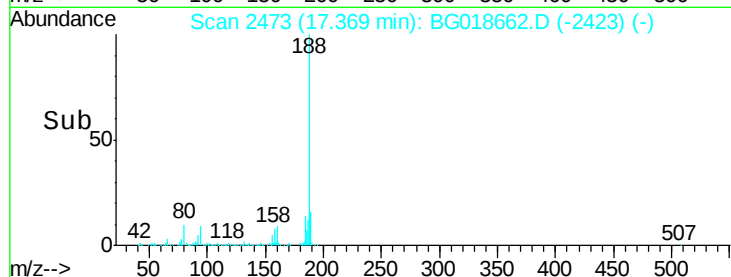
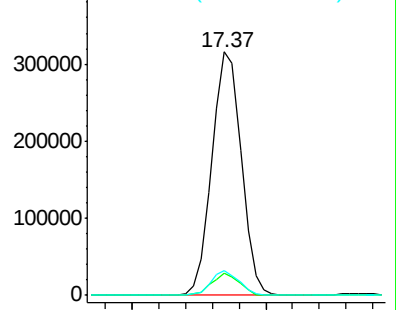
80 9.9 7.8 11.8



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: 21.63 min Scan# 3198

Delta R.T. -0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

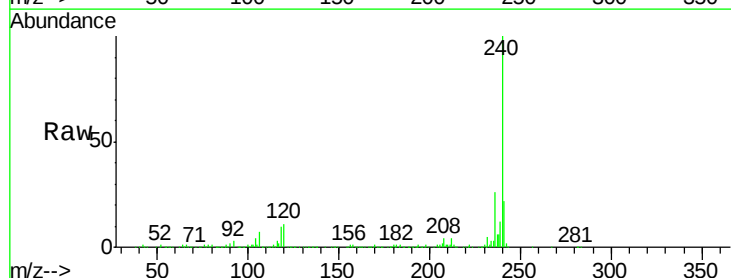
Tgt Ion:240 Resp: 532706

Ion Ratio Lower Upper

240 100

120 11.4 7.4 11.0#

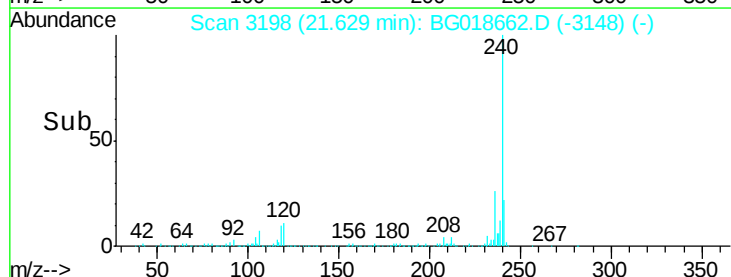
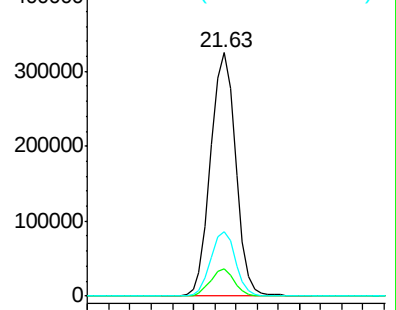
236 26.5 20.7 31.1

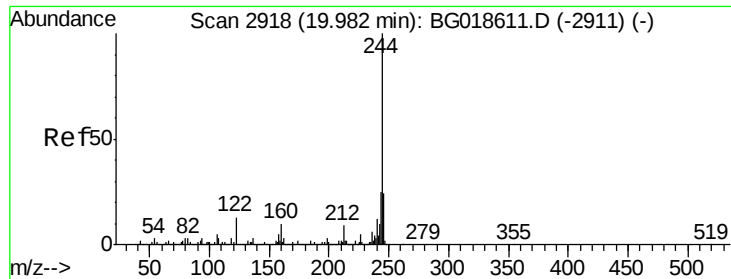


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.92 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018662.D

Acq: 14 Sep 2015 15:11

Instrument :

BNA_G

ClientSampleId :

PB85471BL

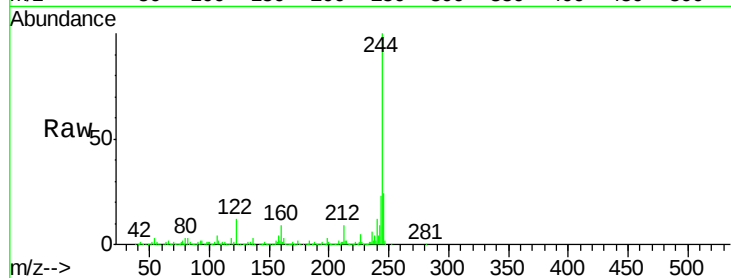
Tgt Ion:244 Resp: 1621209

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	12.3	10.2	15.2

244 100

212 8.8 6.9 10.3

122 12.3 10.2 15.2

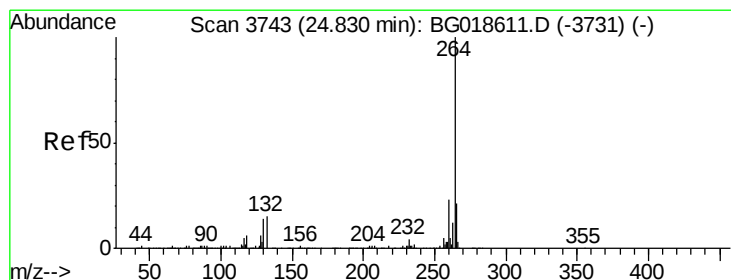
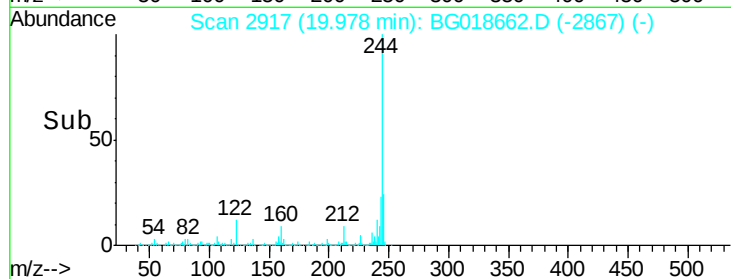
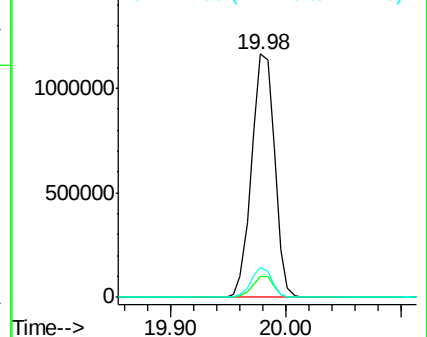


Abundance

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: BG018662.D

Acq: 14 Sep 2015 15:11

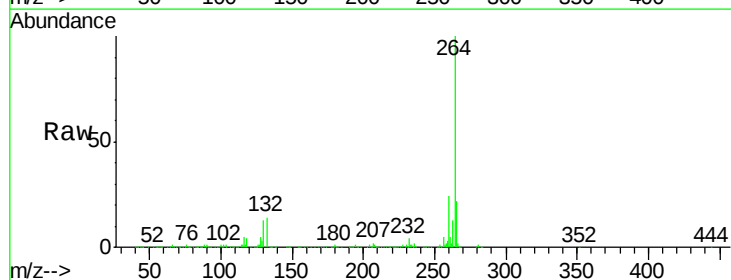
Tgt Ion:264 Resp: 542443

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.6	17.2	25.8

264 100

260 24.0 18.5 27.7

265 21.6 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

