

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
 Data File : BG018671.D
 Acq On : 14 Sep 2015 20:53
 Operator : UM/IZ
 Sample : PB85529BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85529BL

Quant Time: Sep 15 02:30:25 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	53951	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	219216	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	147261	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	436564	20.00	ng	0.00
75) Chrysene-d12	21.63	240	483665	20.00	ng	0.00
86) Perylene-d12	24.81	264	475750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	285125	91.29	ng	0.00
7) Phenol-d6	7.16	99	391273	87.38	ng	0.00
23) Nitrobenzene-d5	9.16	82	324837	82.92	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	186233	93.92	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	863165	81.37	ng	0.00
78) Terphenyl-d14	19.98	244	1537594	83.48	ng	0.00

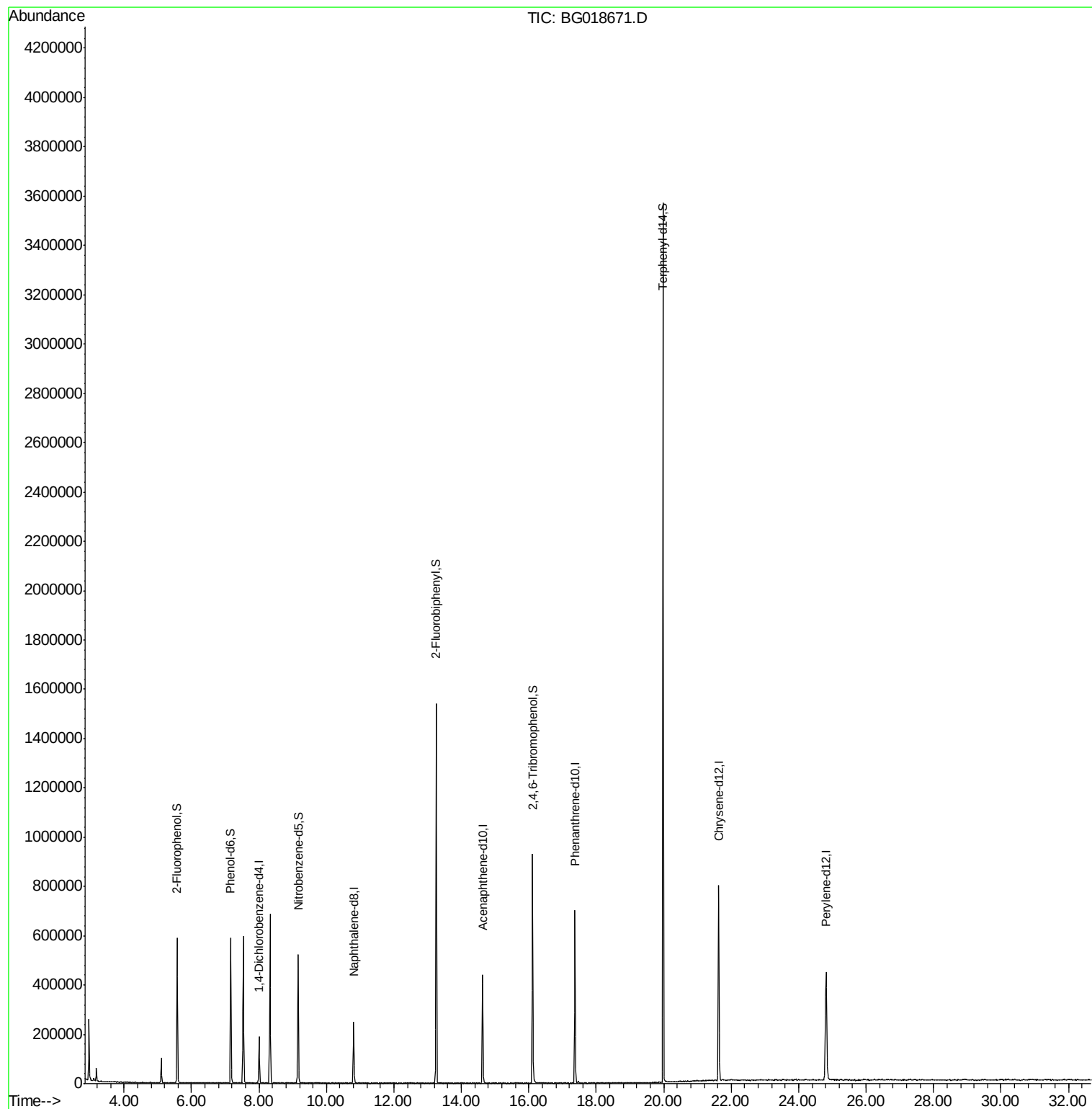
Target Compounds	Qvalue
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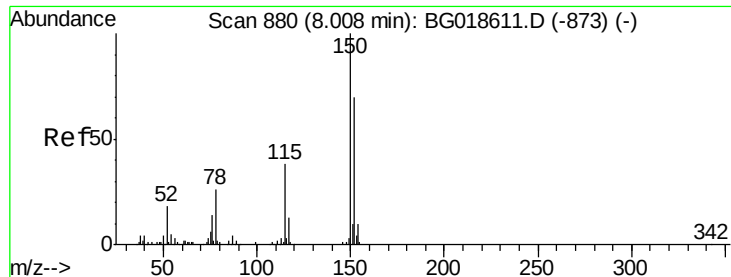
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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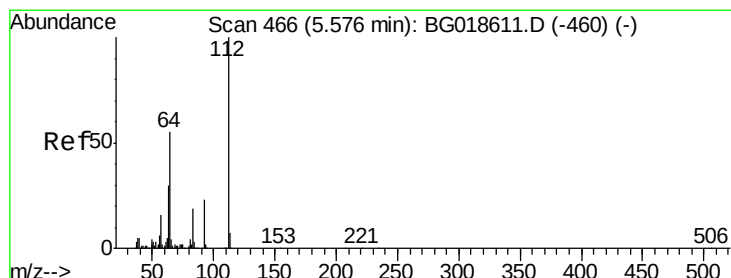
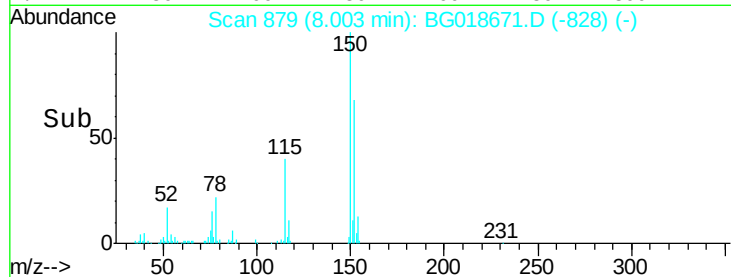
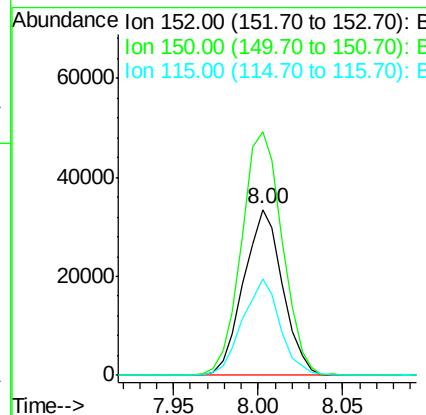
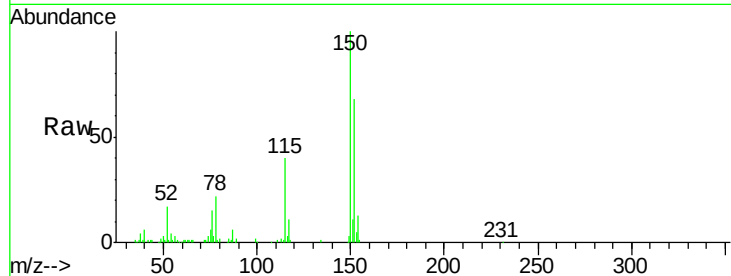


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018671.D
Acq: 14 Sep 2015 20:53

Instrument :
BNA_G
ClientSampleId :
PB85529BL

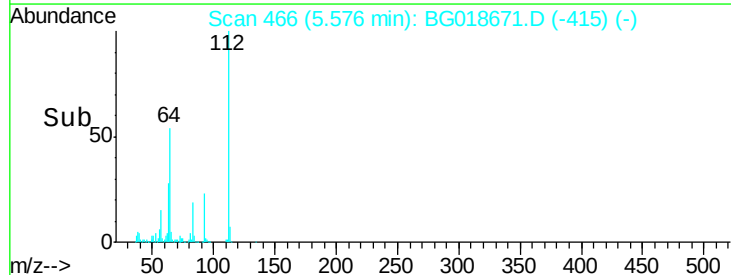
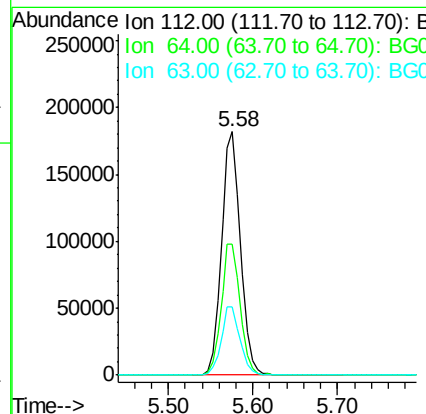
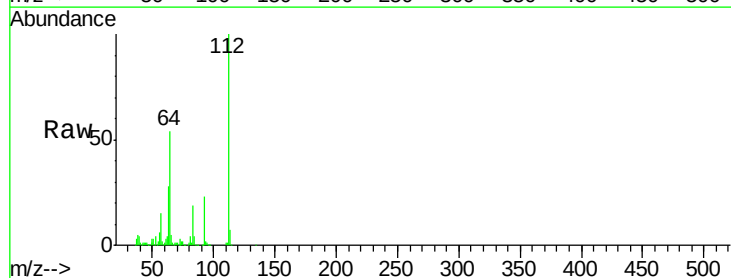
Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.8	115.0	172.4
115	58.0	43.9	65.9

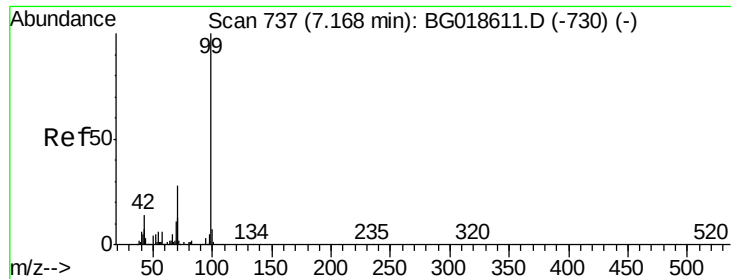


#5

2-Fluorophenol
Concen: 91.29 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018671.D
Acq: 14 Sep 2015 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.7	65.5
63	27.9	24.0	36.0





#7

Phenol-d6

Concen: 87.38 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018671.D

Acq: 14 Sep 2015 20:53

Instrument :

BNA_G

ClientSampleId :

PB85529BL

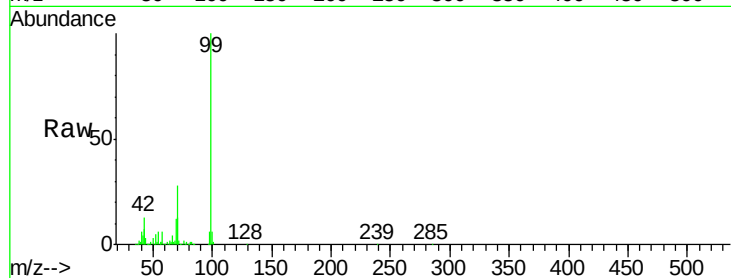
Tgt Ion: 99 Resp: 391273

Ion Ratio Lower Upper

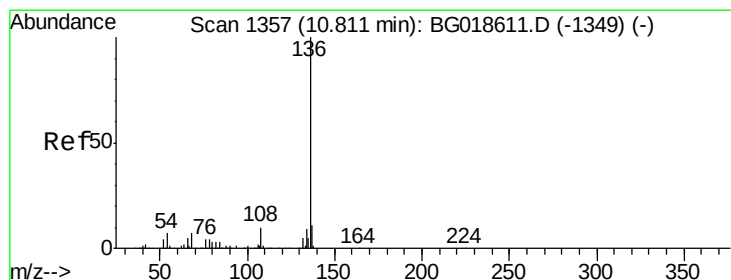
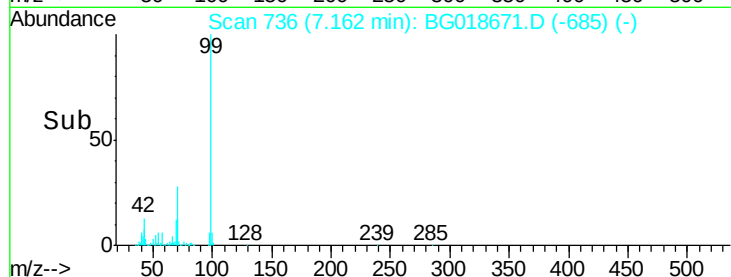
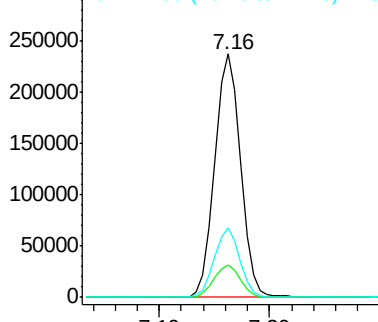
99 100

42 13.4 11.5 17.3

71 28.3 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. -0.01 min

Lab File: BG018671.D

Acq: 14 Sep 2015 20:53

Tgt Ion: 136 Resp: 219216

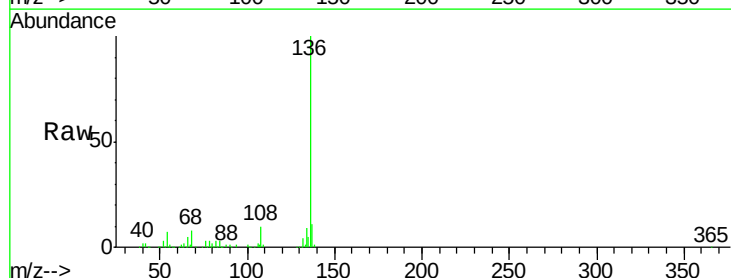
Ion Ratio Lower Upper

136 100

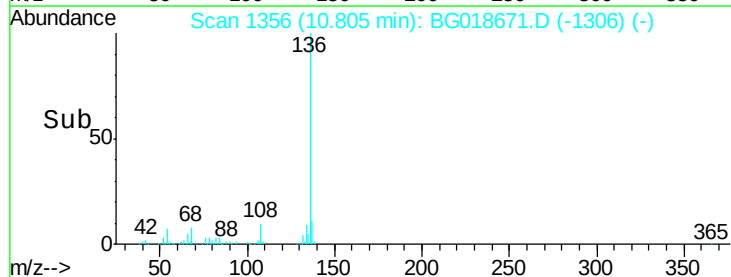
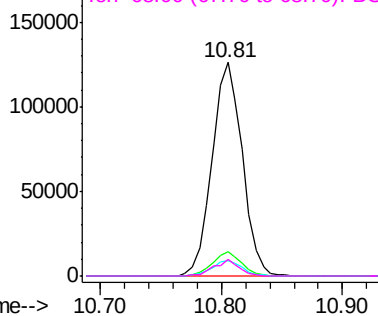
137 11.3 8.6 12.8

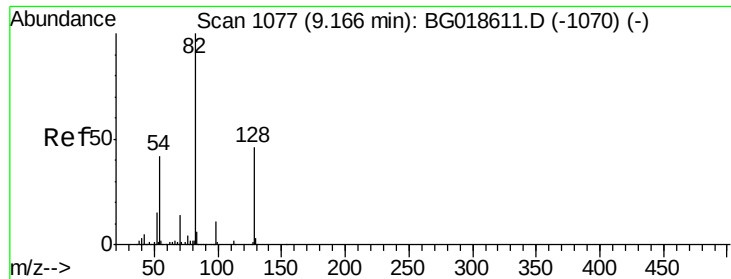
54 7.0 5.4 8.2

68 7.7 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

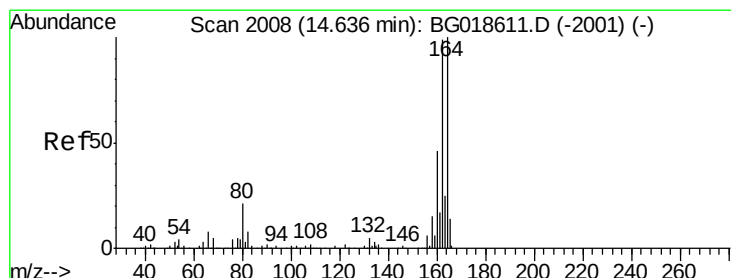
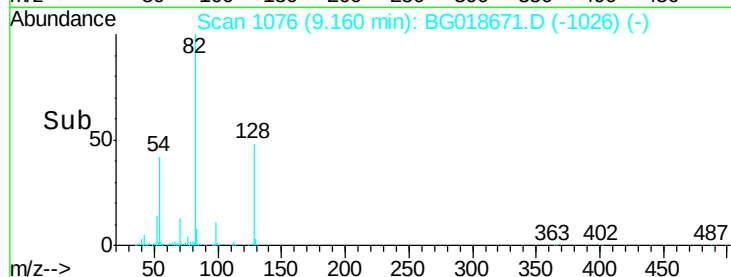
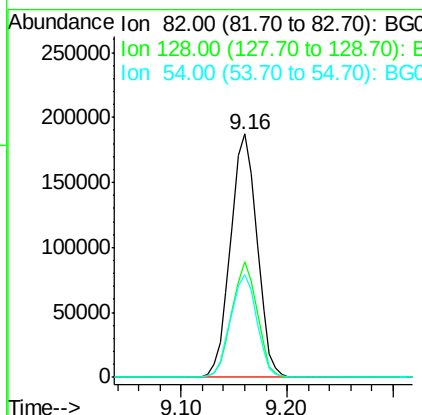
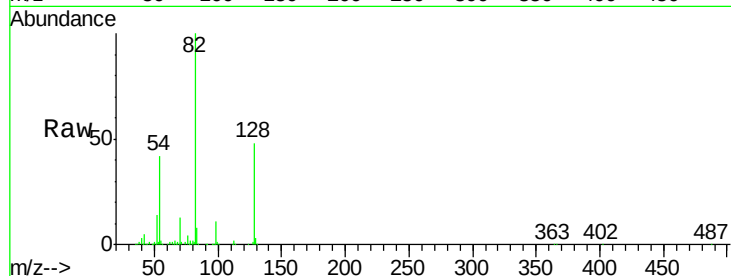




#23
 Nitrobenzene-d5
 Concen: 82.92 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG018671.D
 Acq: 14 Sep 2015 20:53

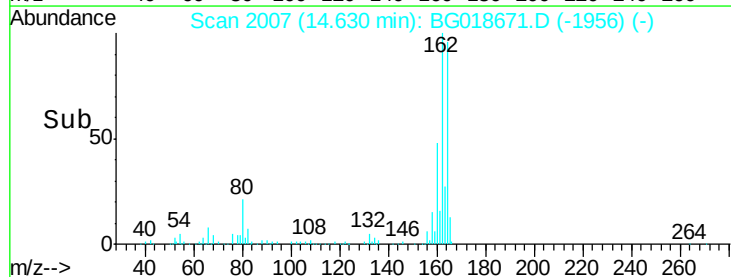
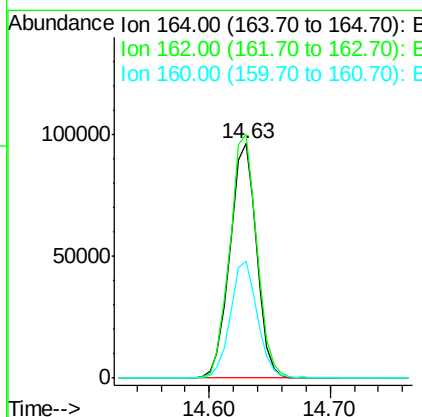
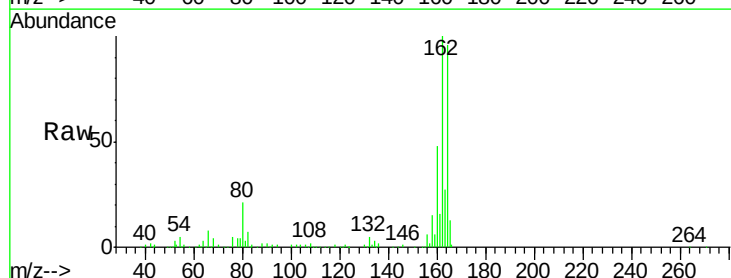
Instrument :
 BNA_G
 ClientSampleId :
 PB85529BL

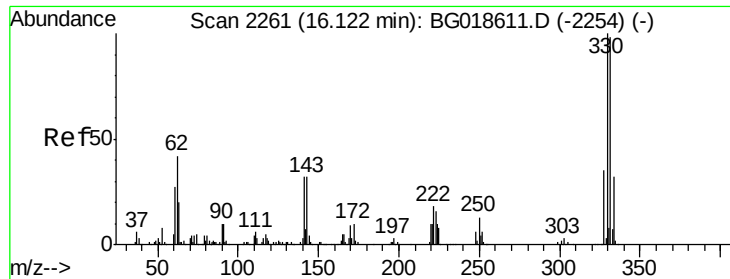
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.7	55.1
54	42.5	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG018671.D
 Acq: 14 Sep 2015 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	49.7	36.4	54.6

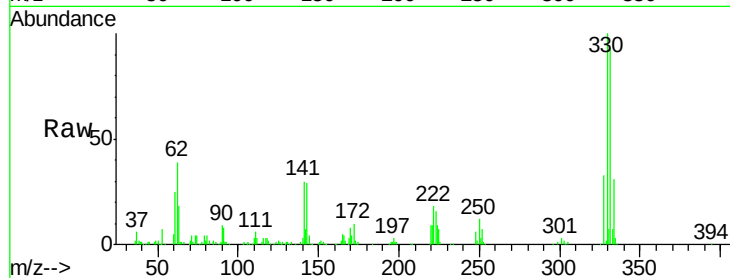




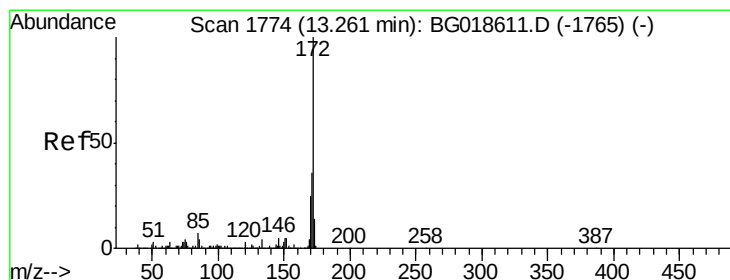
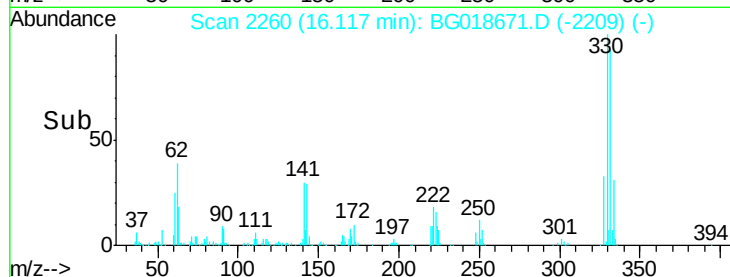
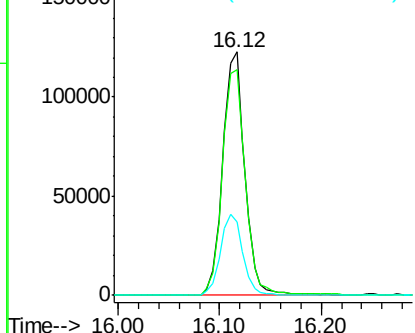
#41
2,4,6-Tribromophenol
Concen: 93.92 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG018671.D
Acq: 14 Sep 2015 20:53

Instrument :
BNA_G
ClientSampleId :
PB85529BL

Tgt Ion:330 Resp: 186233
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 33.7 28.2 42.2

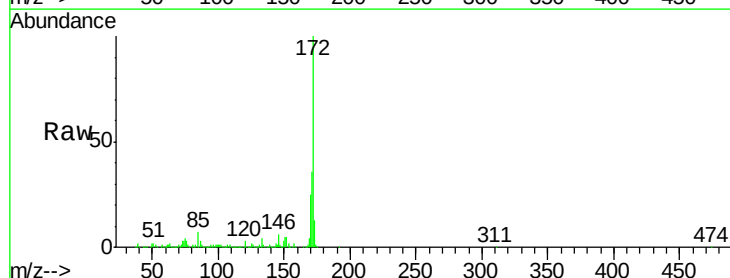


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

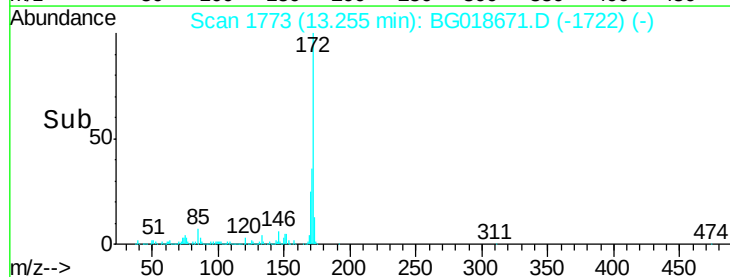
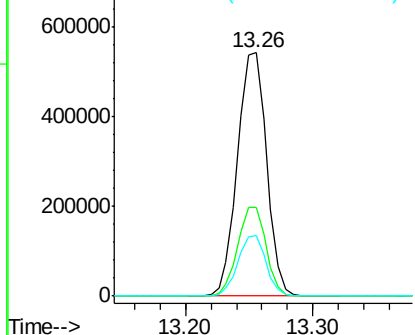


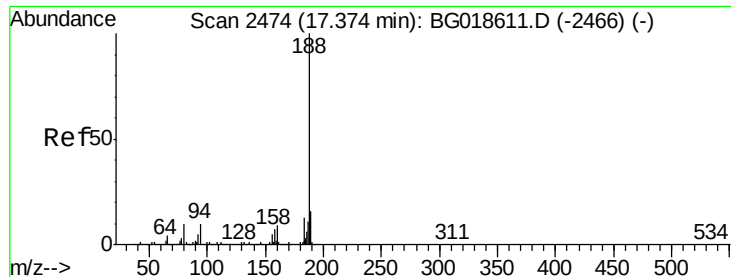
#44
2-Fluorobiphenyl
Concen: 81.37 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018671.D
Acq: 14 Sep 2015 20:53

Tgt Ion:172 Resp: 863165
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 25.1 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. -0.01 min

Lab File: BG018671.D

Acq: 14 Sep 2015 20:53

Instrument :

BNA_G

ClientSampleId :

PB85529BL

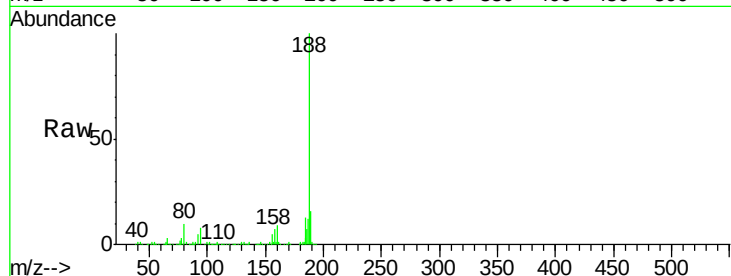
Tgt Ion:188 Resp: 436564

Ion Ratio Lower Upper

188 100

94 8.2 7.7 11.5

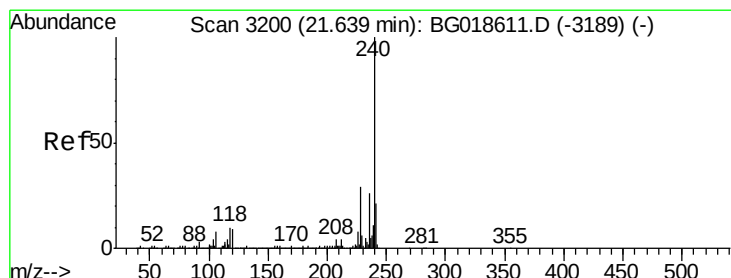
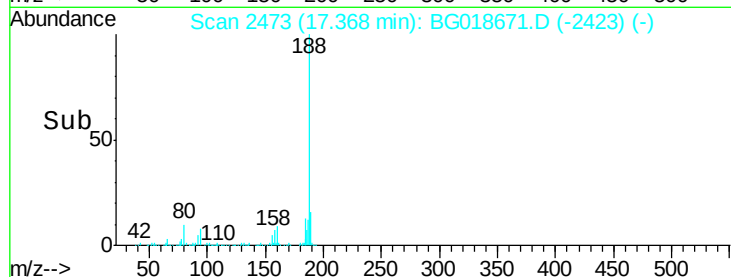
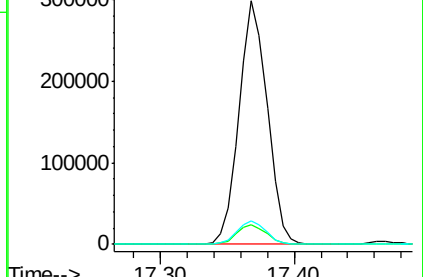
80 9.8 7.8 11.8



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. -0.01 min

Lab File: BG018671.D

Acq: 14 Sep 2015 20:53

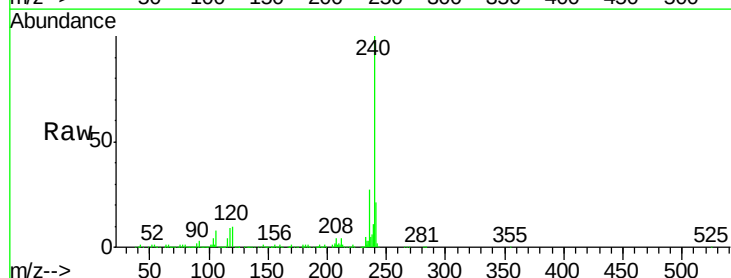
Tgt Ion:240 Resp: 483665

Ion Ratio Lower Upper

240 100

120 10.1 7.4 11.0

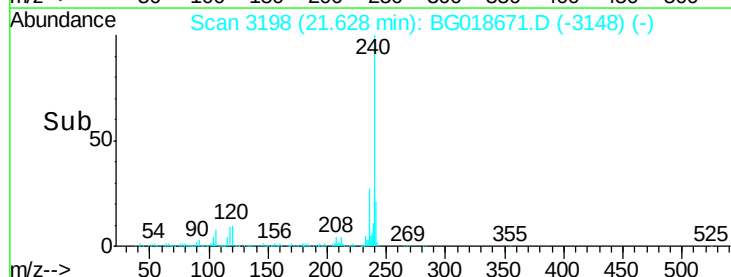
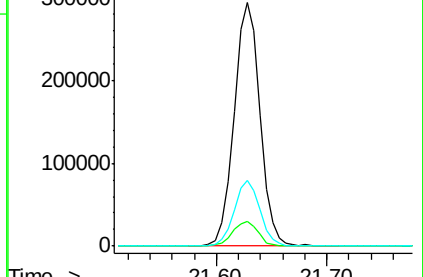
236 27.2 20.7 31.1

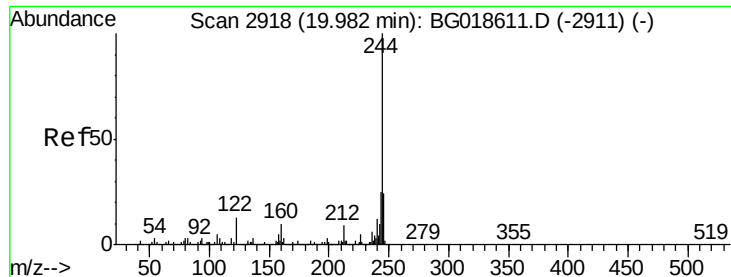


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.48 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG018671.D

Acq: 14 Sep 2015 20:53

Instrument :

BNA_G

ClientSampled :

PB85529BL

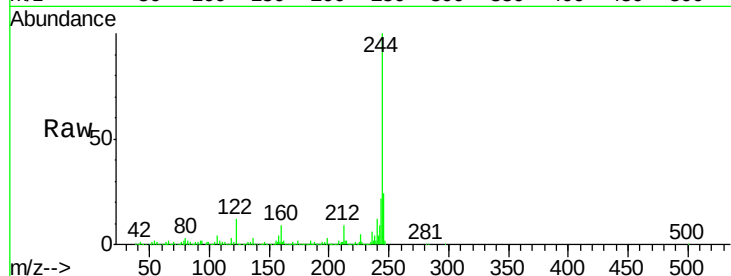
Tgt Ion:244 Resp: 1537594

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

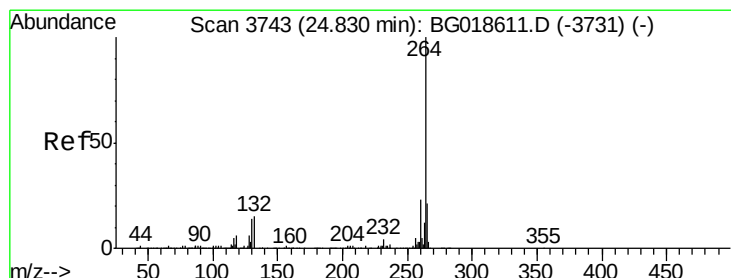
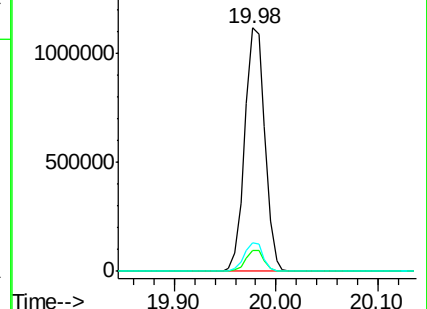
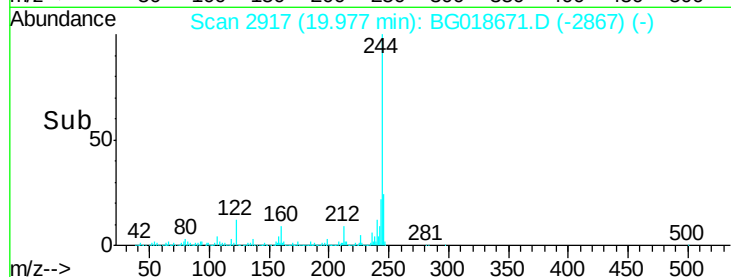
122 11.8 10.2 15.2



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: 24.81 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BG018671.D

Acq: 14 Sep 2015 20:53

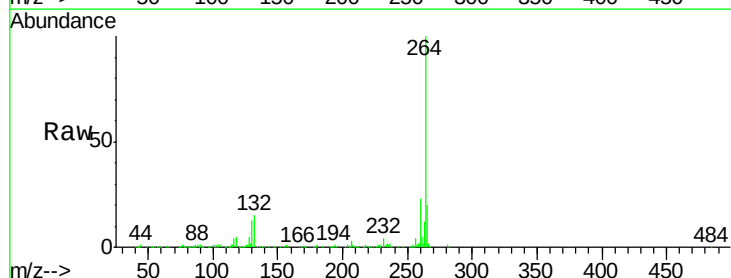
Tgt Ion:264 Resp: 475750

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 19.7 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

