

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
 Data File : BG017577.D
 Acq On : 9 Jun 2015 17:20
 Operator : TP/IZ
 Sample : PB83868BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83868BL

Quant Time: Jun 10 05:20:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 05:08:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	10380	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	41353	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	28385	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	69273	20.00	ng	0.00
75) Chrysene-d12	21.20	240	97626	20.00	ng	0.00
86) Perylene-d12	23.41	264	93148	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	83810	142.25	ng	0.00
7) Phenol-d6	6.78	99	106699	132.93	ng	0.00
23) Nitrobenzene-d5	8.73	82	73534	88.77	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	52410	132.94	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	162439	86.33	ng	0.00
78) Terphenyl-d14	19.64	244	388787	82.31	ng	0.00

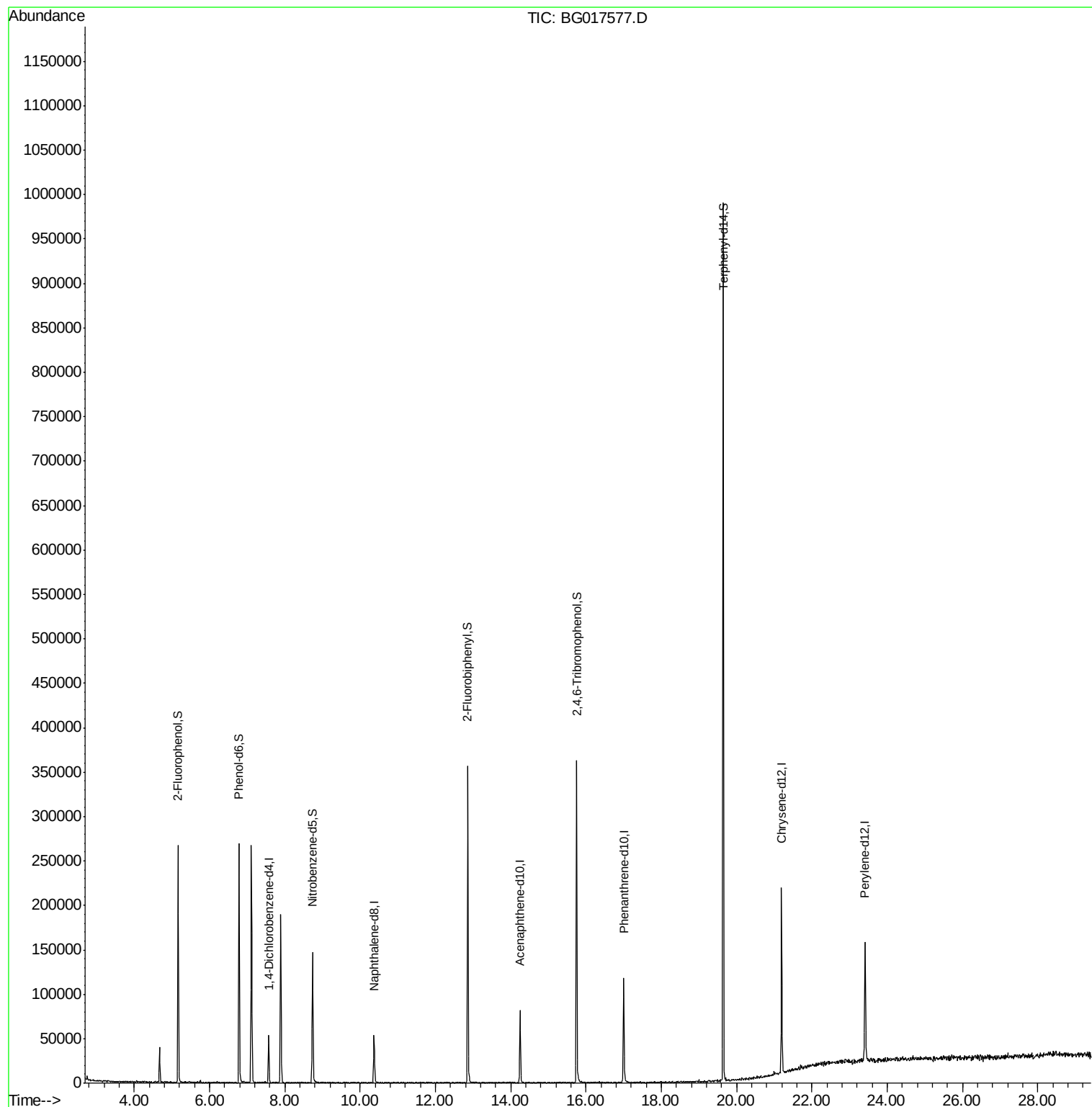
Target Compounds	Qvalue
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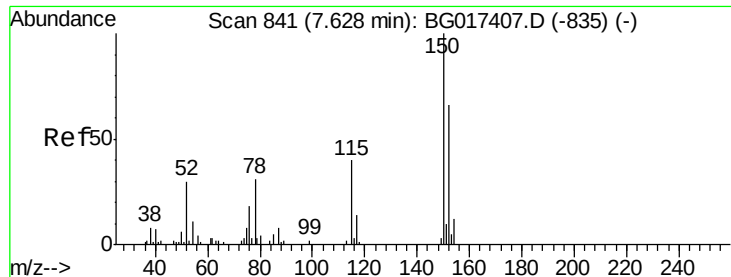
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 05:20:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration



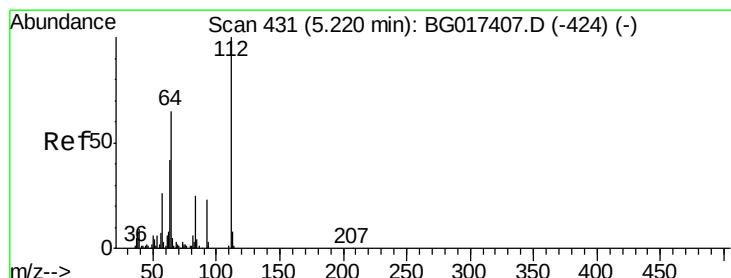
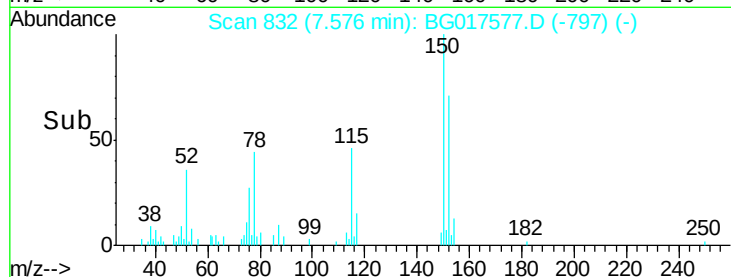
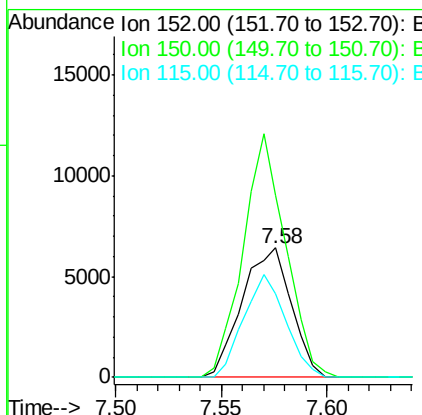
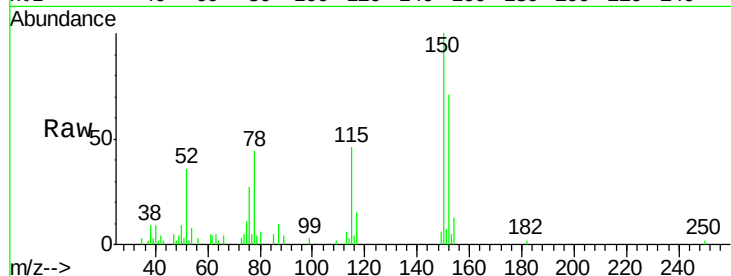


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 832
Delta R.T. 0.01 min
Lab File: BG017577.D
Acq: 9 Jun 2015 17:20

Instrument :
BNA_G
ClientSampleId :
PB83868BL

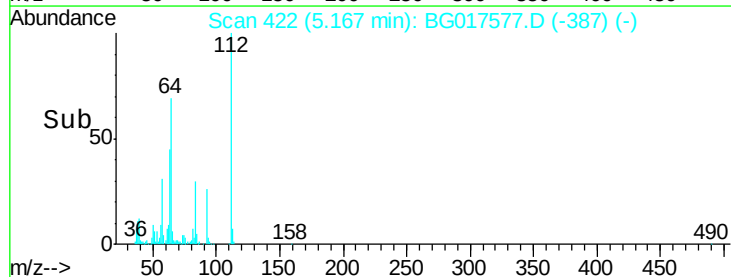
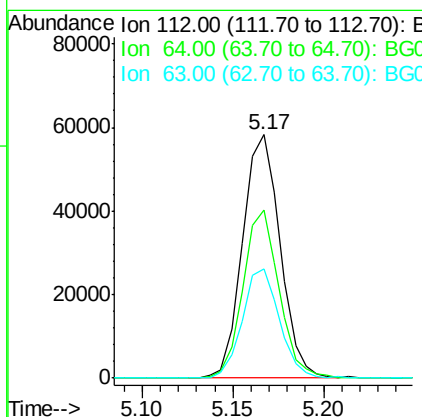
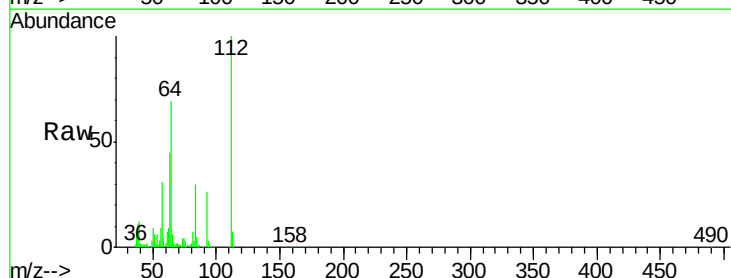
Tgt Ion:152 Resp: 10380
Ion Ratio Lower Upper
152 100
150 141.1 121.7 182.5
115 65.1 48.6 73.0

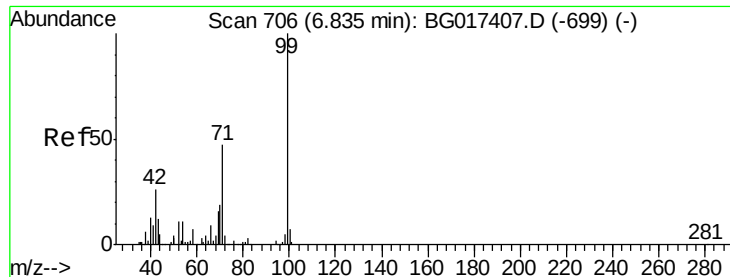


#5

2-Fluorophenol
Concen: 142.25 ng
RT: 5.17 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG017577.D
Acq: 9 Jun 2015 17:20

Tgt Ion:112 Resp: 83810
Ion Ratio Lower Upper
112 100
64 68.8 51.6 77.4
63 44.6 33.3 49.9





#7

Phenol-d6

Concen: 132.93 ng

RT: 6.78 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG017577.D

Acq: 9 Jun 2015 17:20

Instrument :

BNA_G

ClientSampleId :

PB83868BL

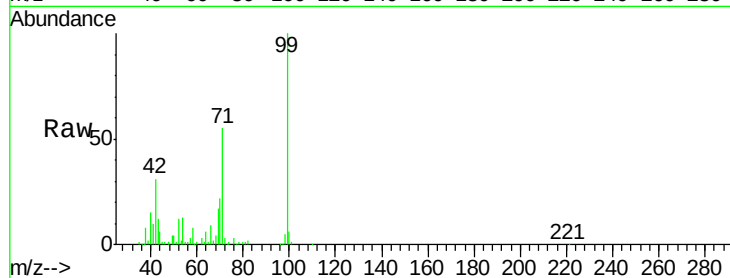
Tgt Ion: 99 Resp: 106699

Ion Ratio Lower Upper

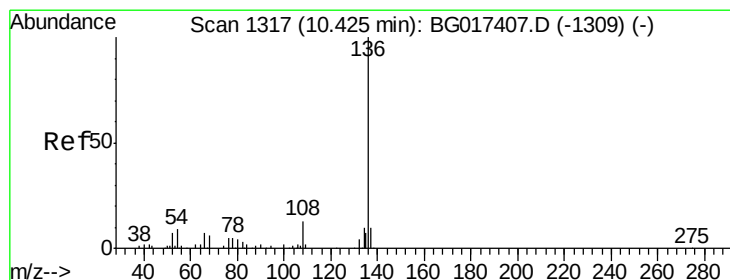
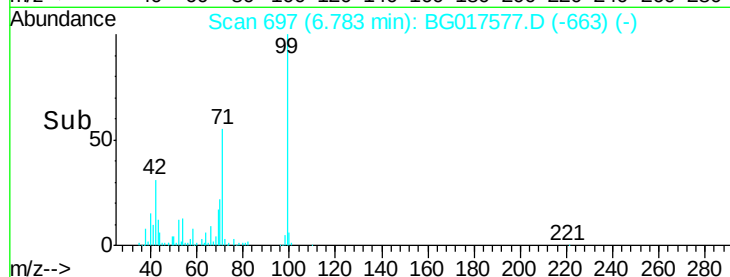
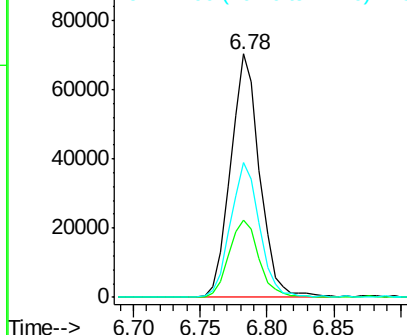
99 100

42 31.5 21.0 31.6

71 55.5 37.2 55.8



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: 10.37 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG017577.D

Acq: 9 Jun 2015 17:20

Tgt Ion: 136 Resp: 41353

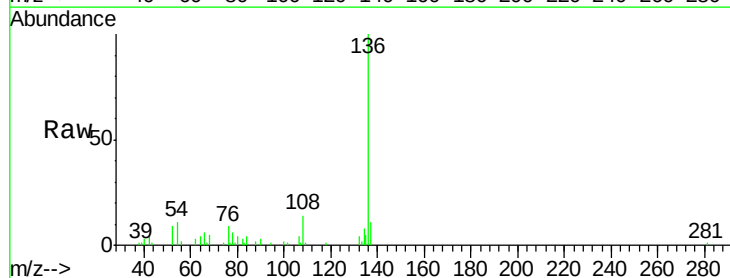
Ion Ratio Lower Upper

136 100

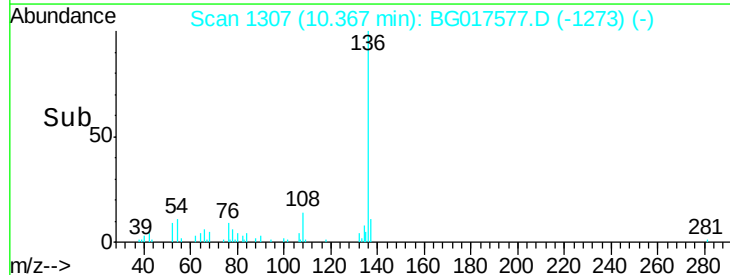
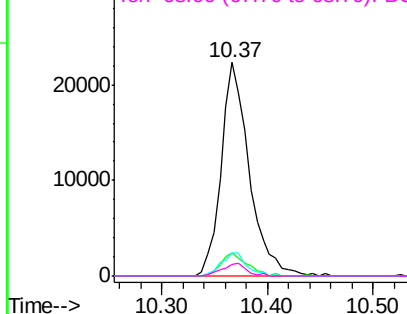
137 11.0 7.9 11.9

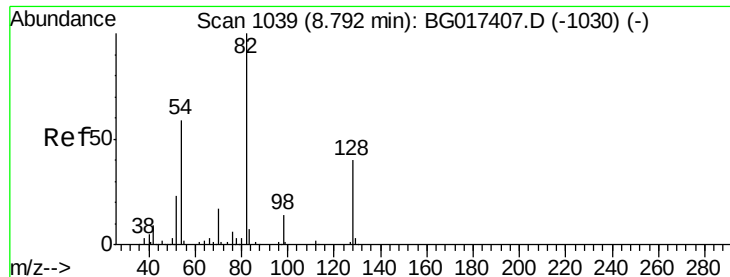
54 10.7 7.2 10.8

68 5.4 4.5 6.7



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

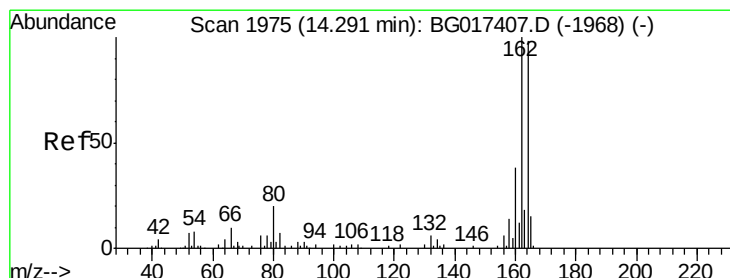
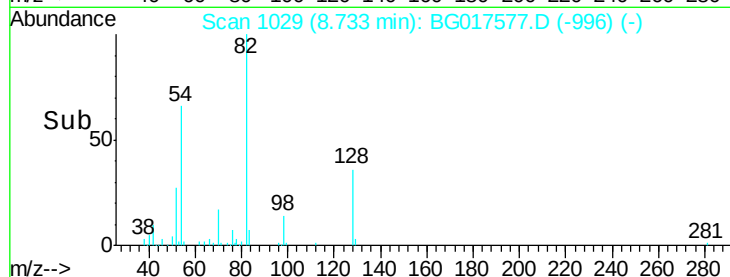
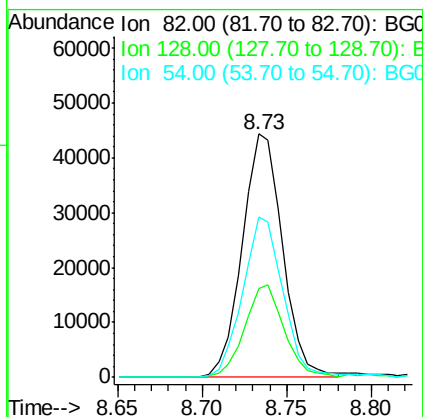
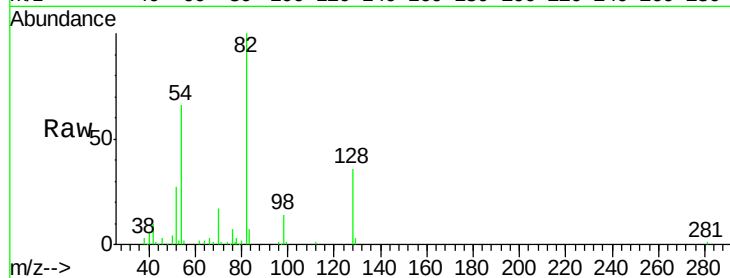




#23
 Nitrobenzene-d5
 Concen: 88.77 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG017577.D
 Acq: 9 Jun 2015 17:20

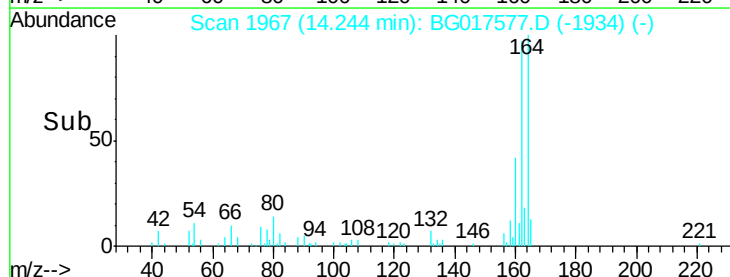
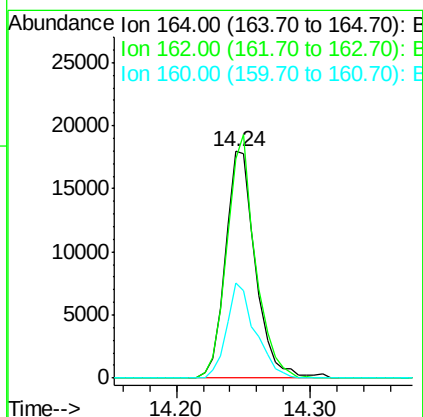
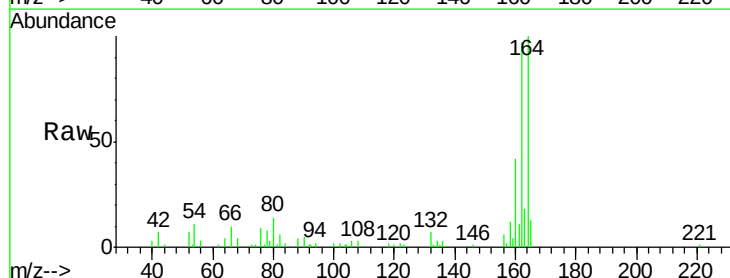
Instrument :
 BNA_G
 ClientSampleId :
 PB83868BL

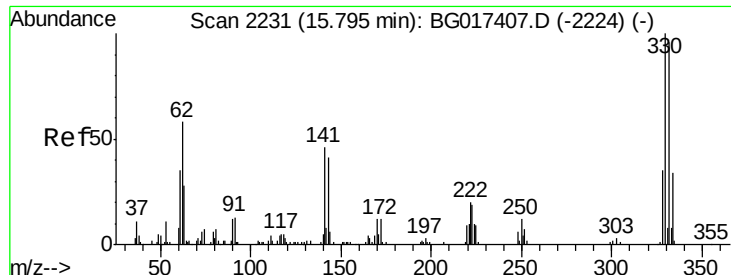
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.2	48.4
54	66.0	47.4	71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG017577.D
 Acq: 9 Jun 2015 17:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	81.8	122.6
160	42.1	31.0	46.4

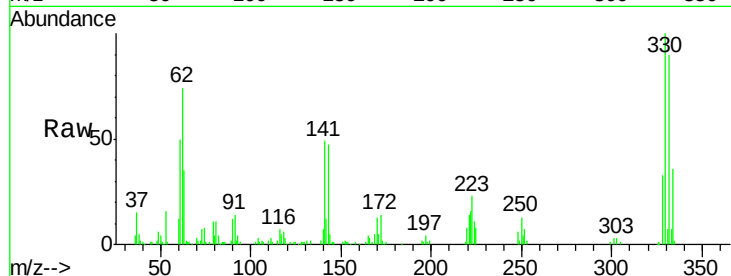




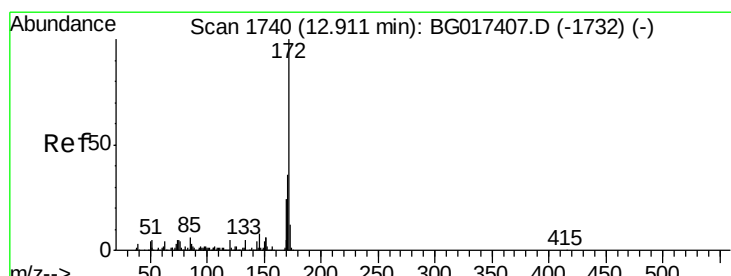
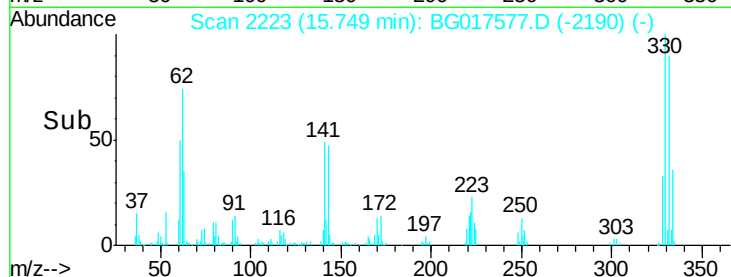
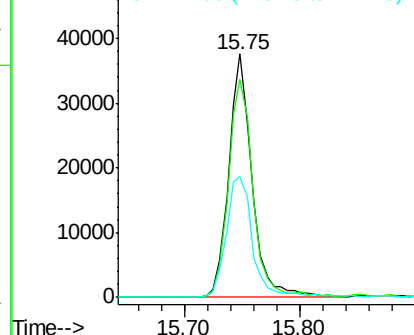
#41
 2,4,6-Tribromophenol
 Concen: 132.94 ng
 RT: 15.75 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG017577.D
 Acq: 9 Jun 2015 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB83868BL

Tgt Ion:330 Resp: 52410
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.9 113.9
 141 55.6 40.2 60.4

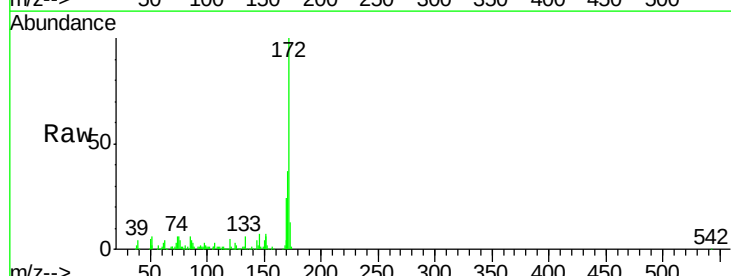


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

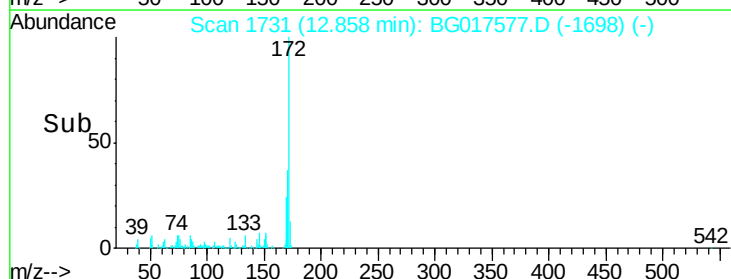
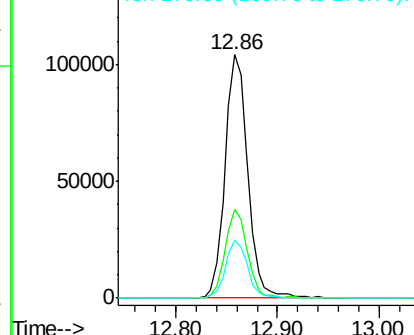


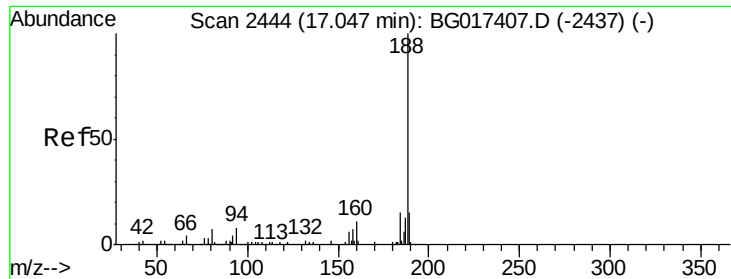
#44
 2-Fluorobiphenyl
 Concen: 86.33 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG017577.D
 Acq: 9 Jun 2015 17:20

Tgt Ion:172 Resp: 162439
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 23.8 18.9 28.3



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: 17.00 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG017577.D

Acq: 9 Jun 2015 17:20

Instrument :

BNA_G

ClientSampleId :

PB83868BL

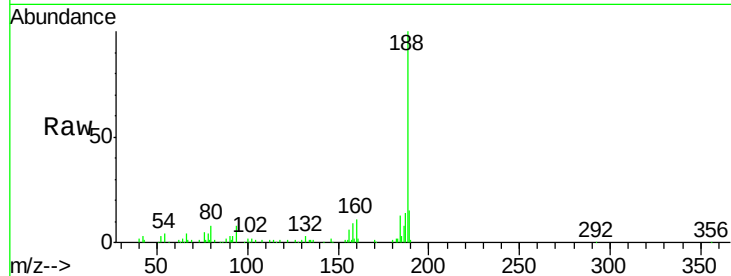
Tgt Ion:188 Resp: 69273

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

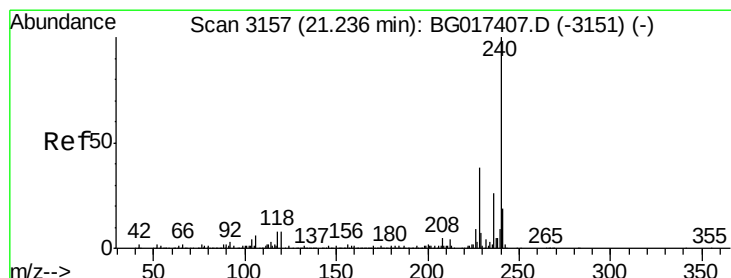
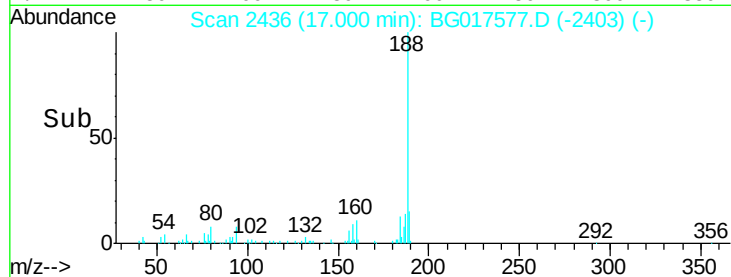
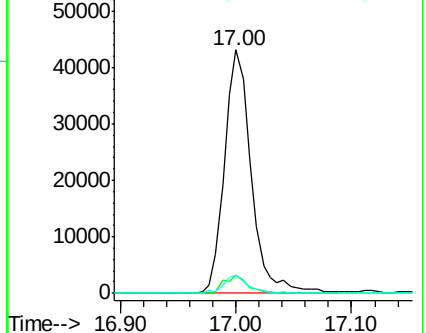
80 7.8 5.2 7.8



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: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017577.D

Acq: 9 Jun 2015 17:20

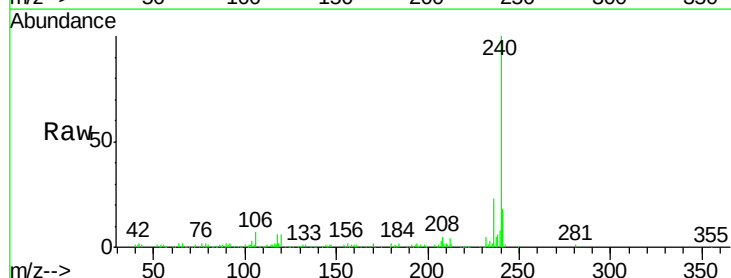
Tgt Ion:240 Resp: 97626

Ion Ratio Lower Upper

240 100

120 6.3 6.5 9.7#

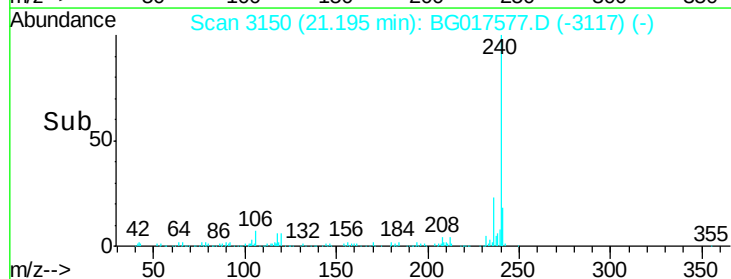
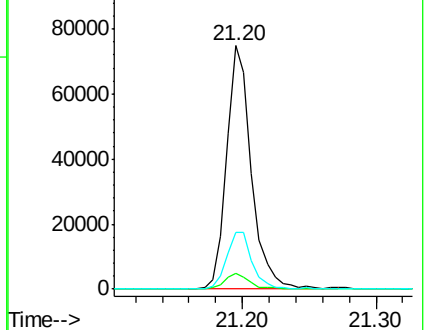
236 23.4 20.8 31.2

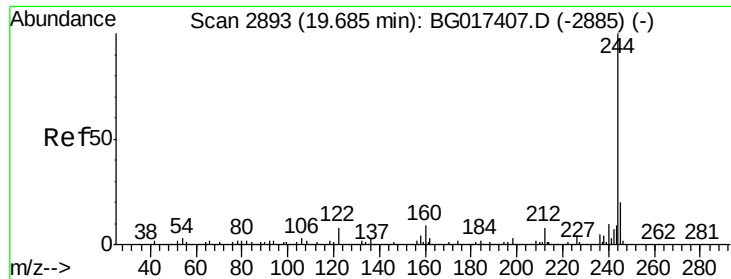


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.31 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017577.D

Acq: 9 Jun 2015 17:20

Instrument :

BNA_G

ClientSampleId :

PB83868BL

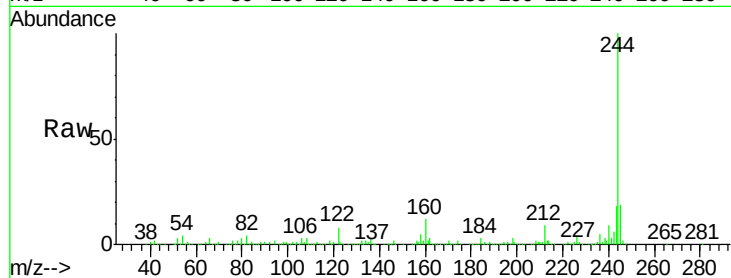
Tgt Ion:244 Resp: 388787

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.4	9.6
122	7.8	6.6	10.0

244 100

212 8.6 6.4 9.6

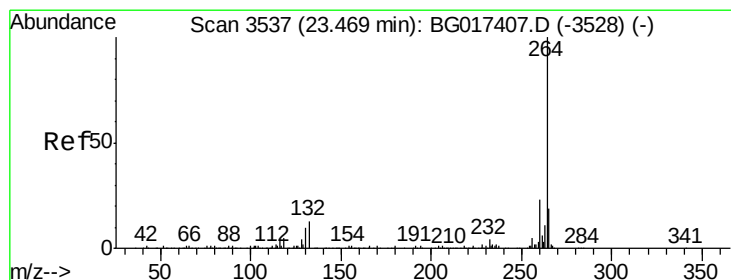
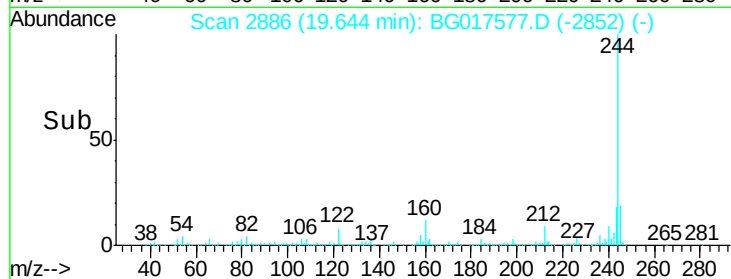
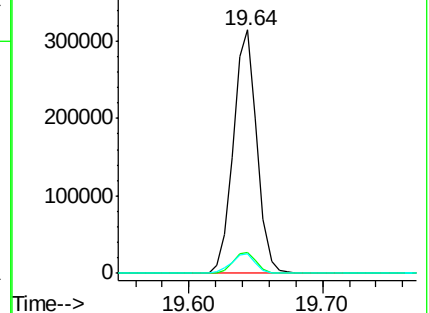
122 7.8 6.6 10.0



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: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017577.D

Acq: 9 Jun 2015 17:20

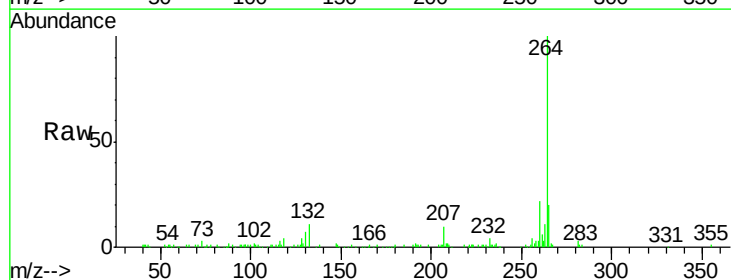
Tgt Ion:264 Resp: 93148

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	19.9	15.8	23.6

264 100

260 21.9 18.2 27.4

265 19.9 15.8 23.6



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

