

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091715\
 Data File : BG018727.D
 Acq On : 17 Sep 2015 4:31
 Operator : TP
 Sample : PB85576BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85576BL

Quant Time: Sep 17 06:51:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 06:49:56 2015
 Response via : Initial Calibration

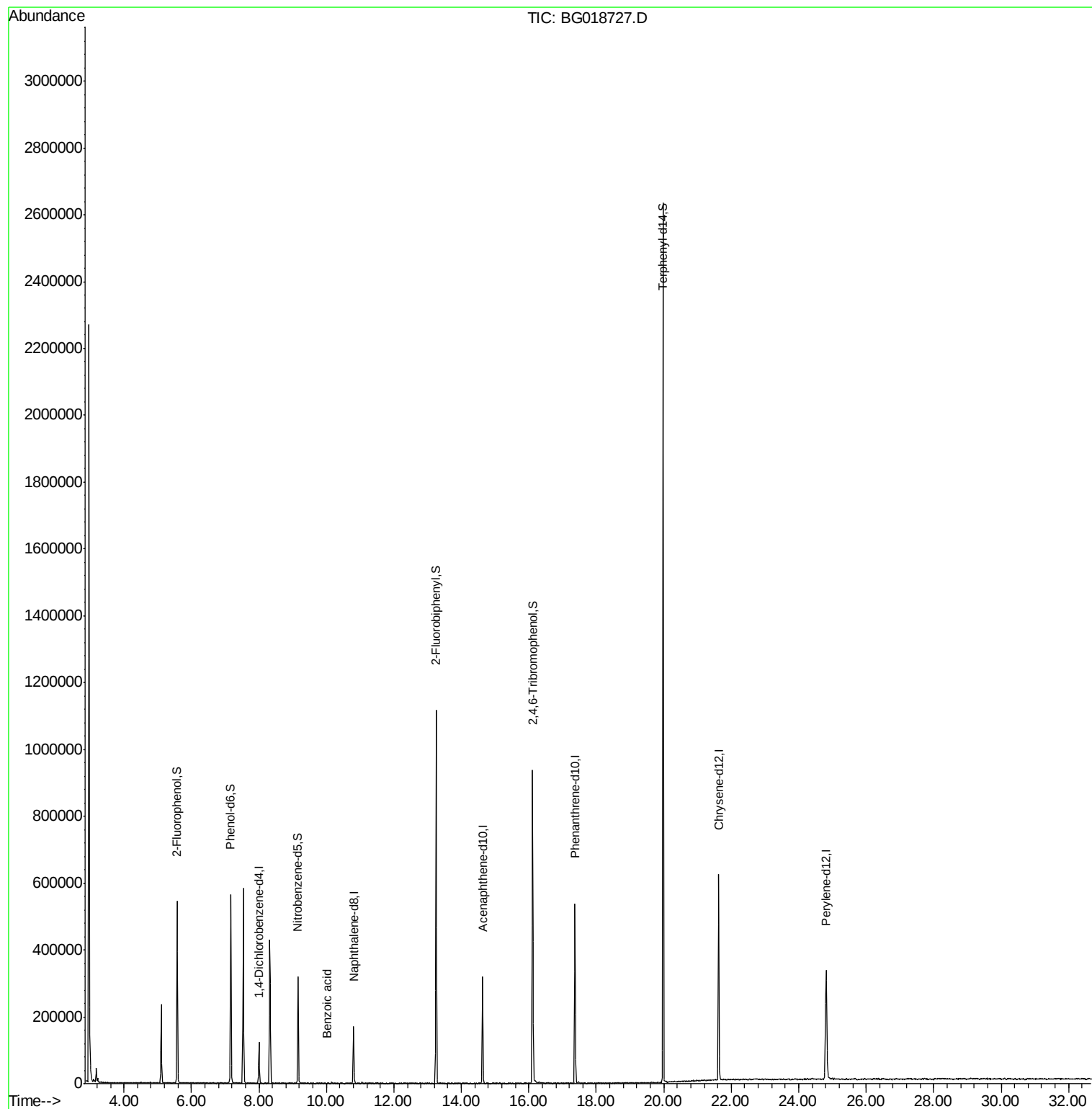
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37484	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	156946	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	112837	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	340172	20.00	ng	0.00
75) Chrysene-d12	21.62	240	373281	20.00	ng	0.00
86) Perylene-d12	24.81	264	364266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	272380	125.53	ng	0.00
7) Phenol-d6	7.16	99	376397	120.98	ng	0.00
23) Nitrobenzene-d5	9.16	82	207244	73.89	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	191651	126.14	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	594440	73.13	ng	0.00
78) Terphenyl-d14	19.98	244	1128618	79.40	ng	0.00
Target Compounds						
32) Benzoic acid	10.04	122	60	7.96	ng	Qvalue # 1

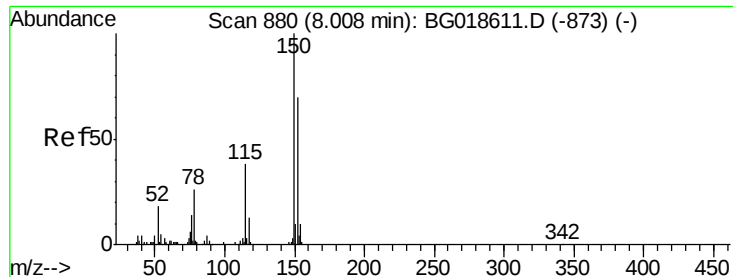
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG018727.D

Acq: 17 Sep 2015 4:31

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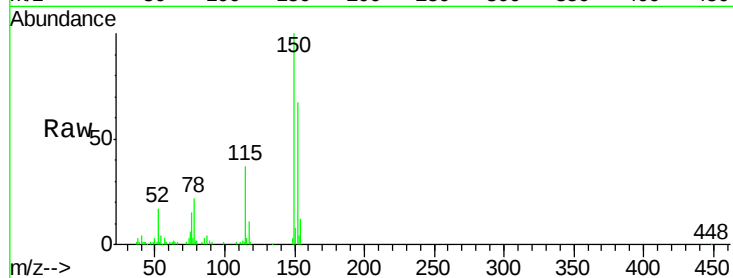
Tot Ion:152 Resp: 37484

Ion Ratio Lower Upper

152 100

150 149.6 115.0 172.4

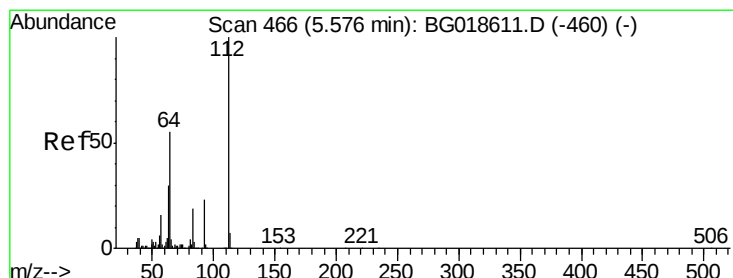
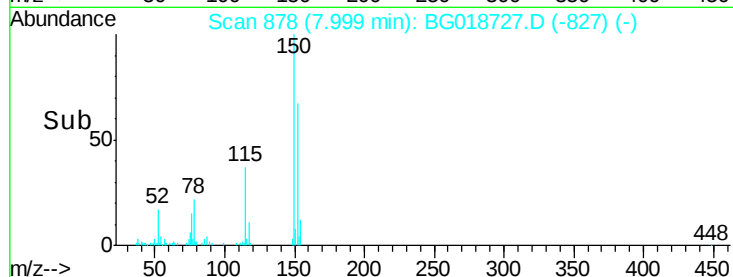
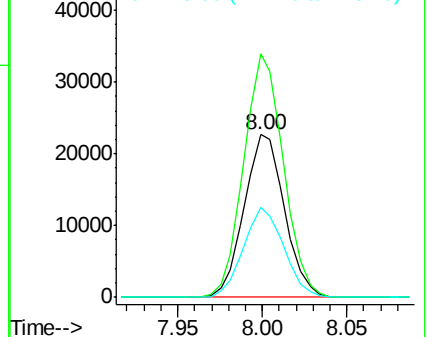
115 55.5 43.9 65.9



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: 125.53 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018727.D

Acq: 17 Sep 2015 4:31

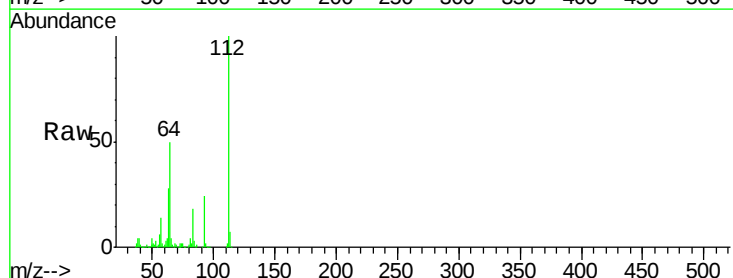
Tgt Ion:112 Resp: 272380

Ion Ratio Lower Upper

112 100

64 50.5 43.7 65.5

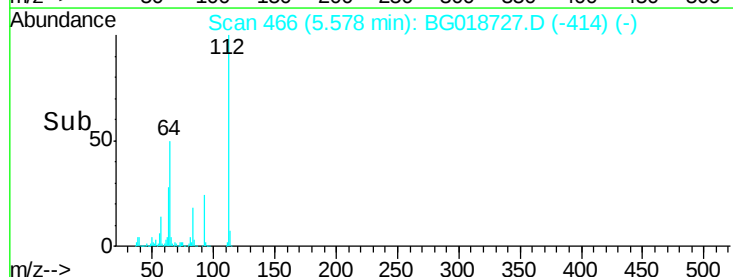
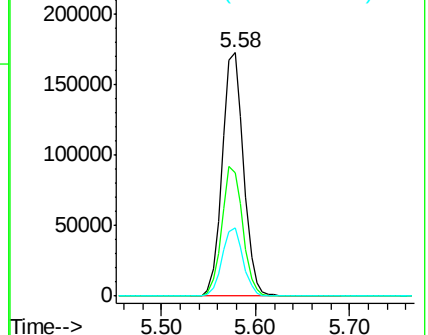
63 28.2 24.0 36.0

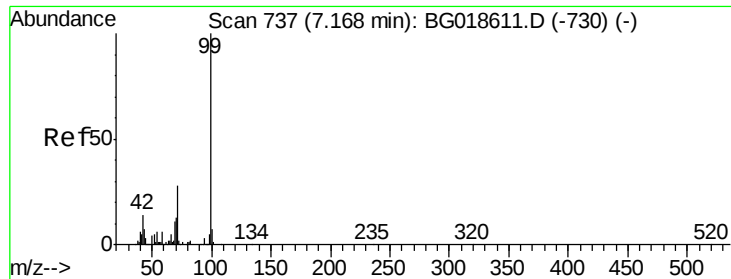


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.98 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018727.D

Acq: 17 Sep 2015 4:31

Instrument :

BNA_G

ClientSampleId :

PB85576BL

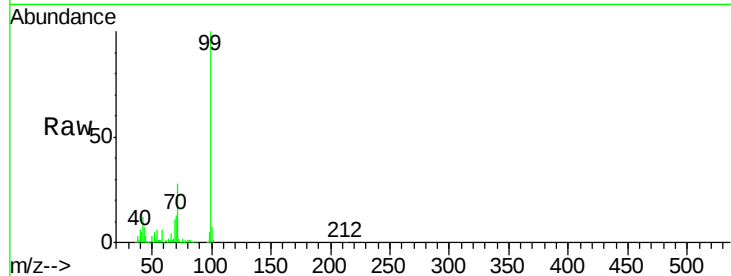
Tot Ion: 99 Resp: 376397

Ion Ratio Lower Upper

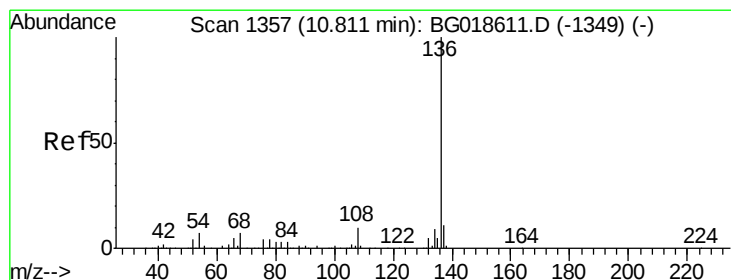
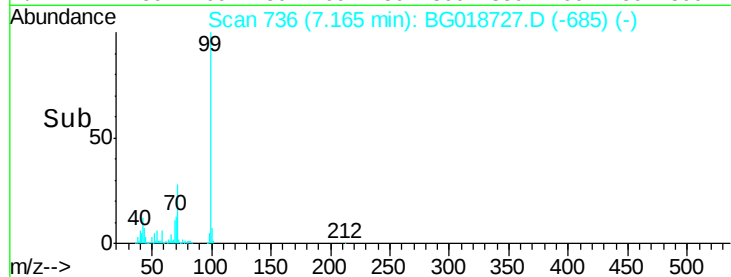
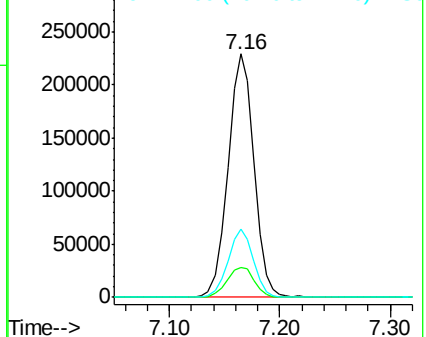
99 100

42 12.5 11.5 17.3

71 27.8 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: 10.80 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BG018727.D

Acq: 17 Sep 2015 4:31

Tgt Ion: 136 Resp: 156946

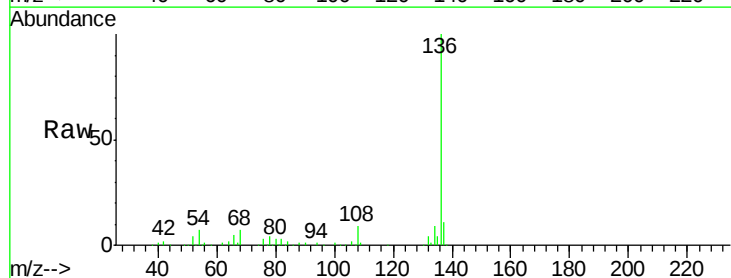
Ion Ratio Lower Upper

136 100

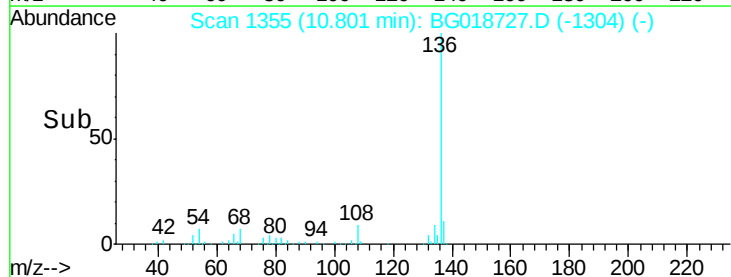
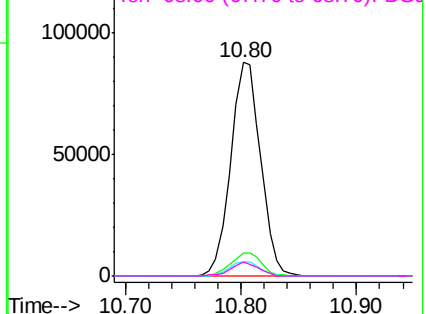
137 10.8 8.6 12.8

54 6.9 5.4 8.2

68 6.9 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

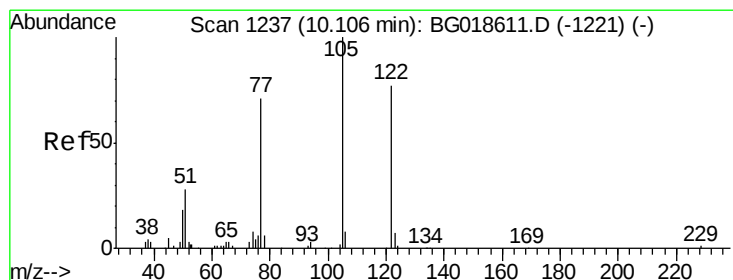
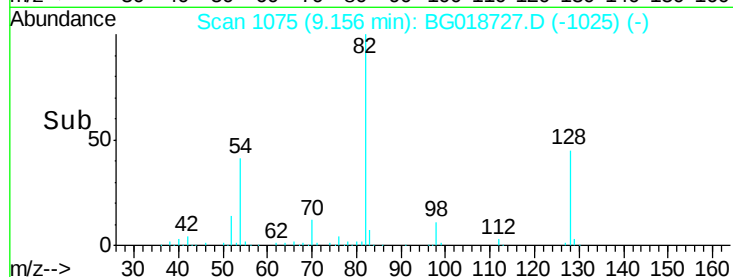
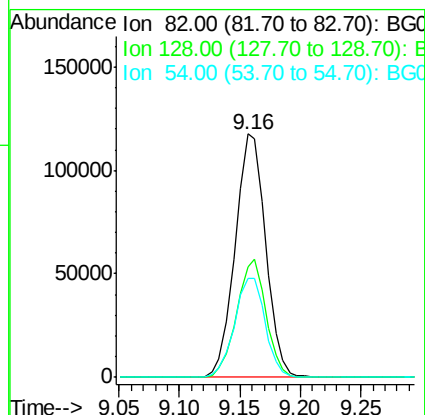
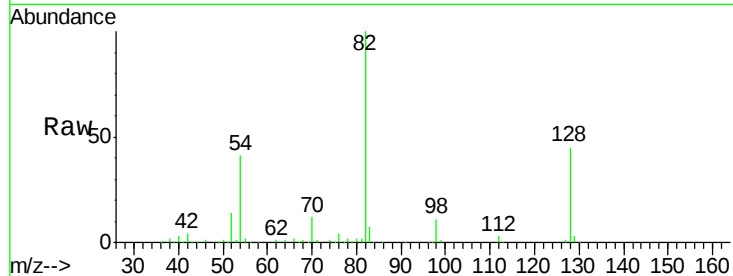




#23
 Nitrobenzene-d5
 Concen: 73.89 ng
 RT: 9.16 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BG018727.D
 Acq: 17 Sep 2015 4:31

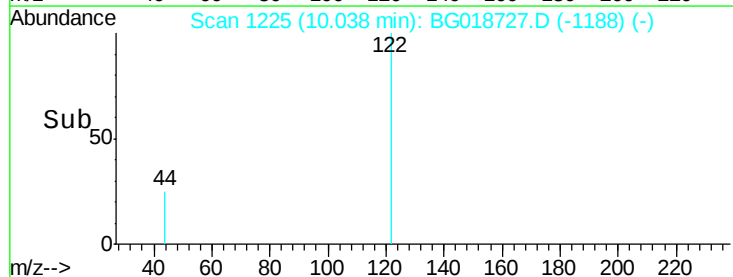
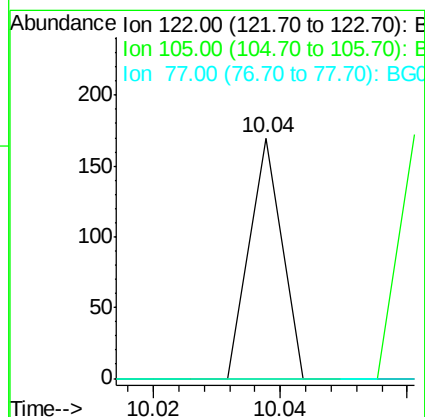
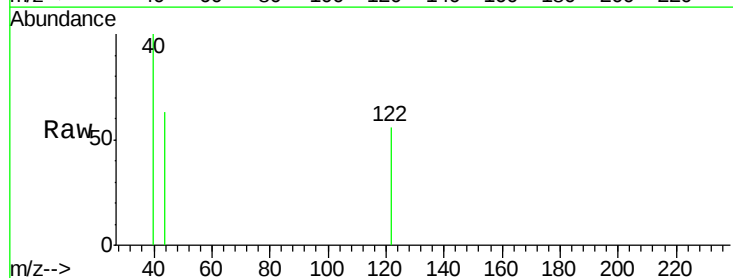
Instrument :
 BNA_G
 ClientSampleId :
 PB85576BL

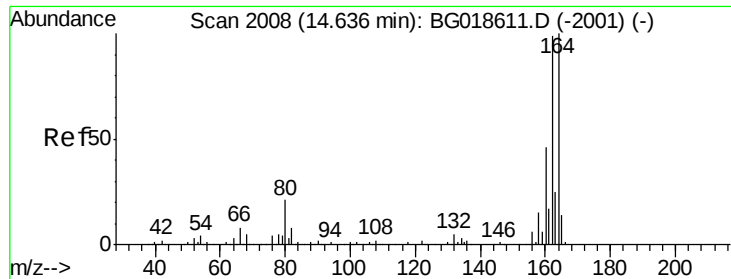
Tot Ion	82	Resp	207244
Ion Ratio	100	Lower	Upper
128	45.2	36.7	55.1
54	40.7	33.8	50.8



#32
 Benzoic acid
 Concen: 7.96 ng
 RT: 10.04 min Scan# 1225
 Delta R.T. -0.08 min
 Lab File: BG018727.D
 Acq: 17 Sep 2015 4:31

Tgt Ion	122	Resp	60
Ion Ratio	100	Lower	Upper
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#

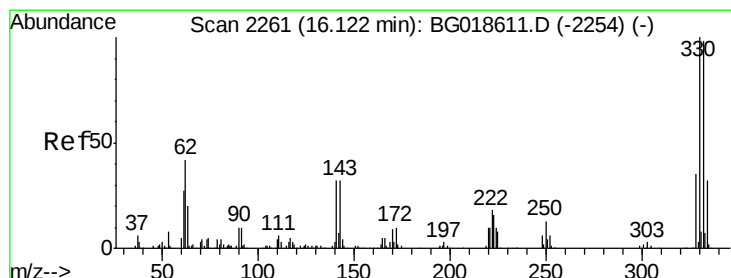
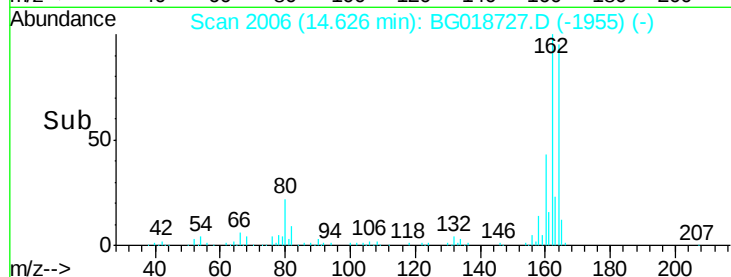
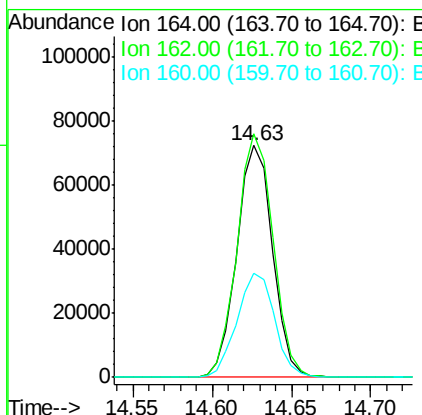
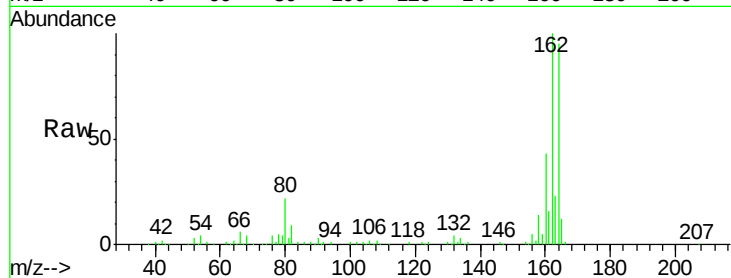




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

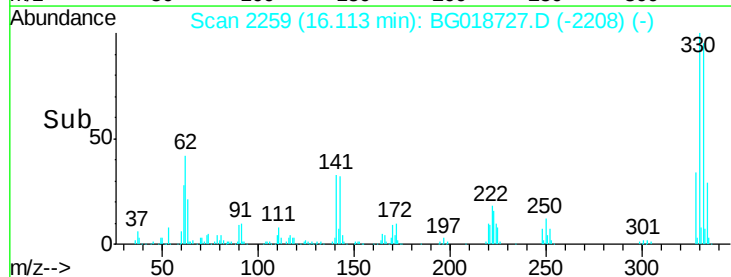
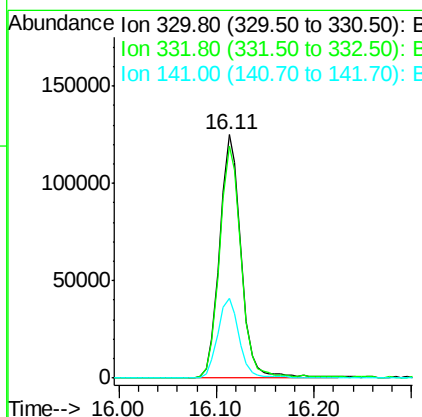
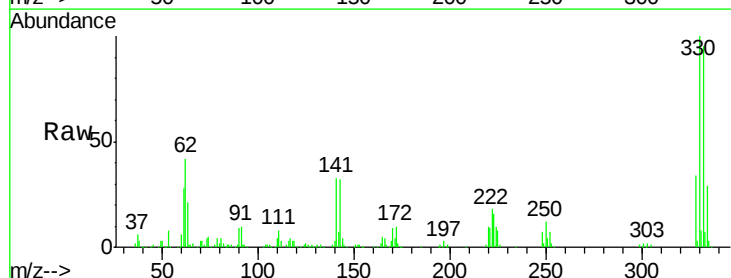
Instrument :
BNA_G
ClientSampleId :
PB85576BL

Tot Ion:164 Resp: 112837
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 44.9 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 126.14 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Tgt Ion:330 Resp: 191651
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 33.3 28.2 42.2

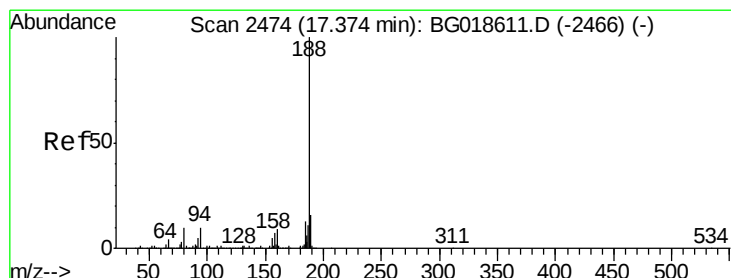
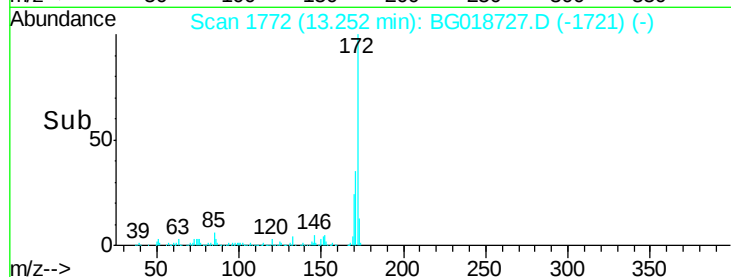
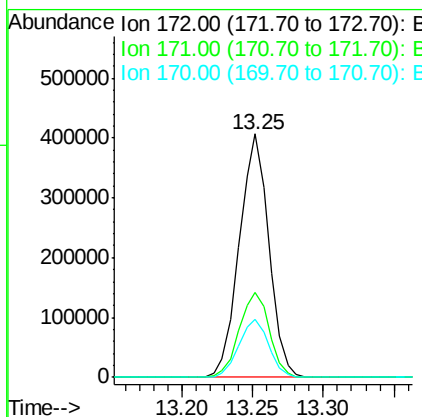
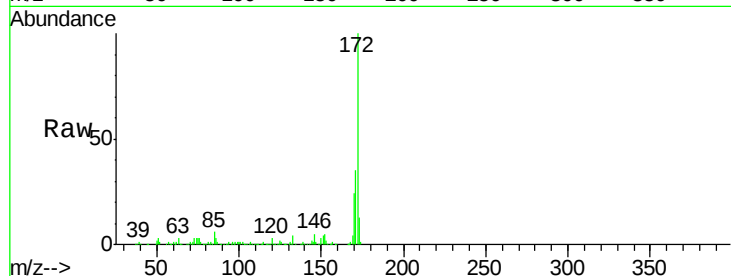




#44
 2-Fluorobiphenyl
 Concen: 73.13 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG018727.D
 Acq: 17 Sep 2015 4:31

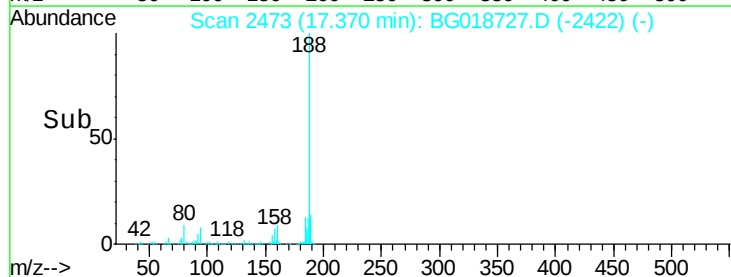
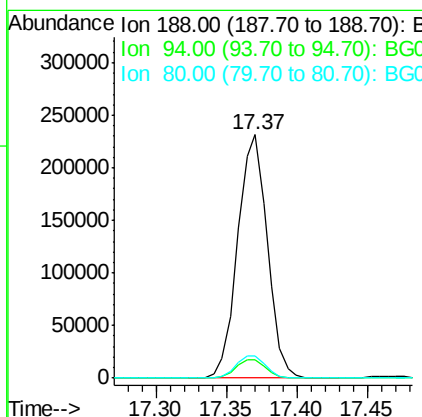
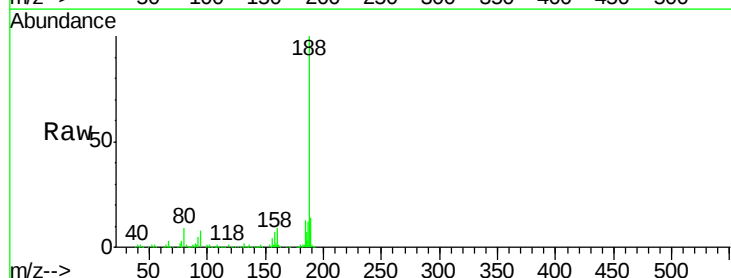
Instrument :
 BNA_G
 ClientSampleId :
 PB85576BL

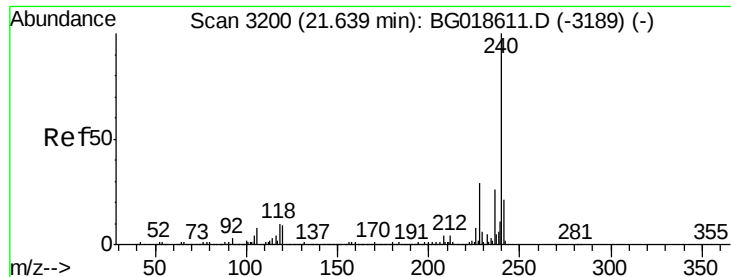
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	24.0	19.9	29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG018727.D
 Acq: 17 Sep 2015 4:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.9	7.8	11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG018727.D

Acq: 17 Sep 2015 4:31

Instrument :

BNA_G

ClientSampleId :

PB85576BL

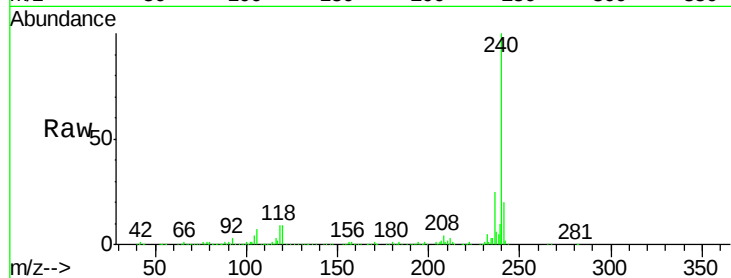
Tot Ion:240 Resp: 373281

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

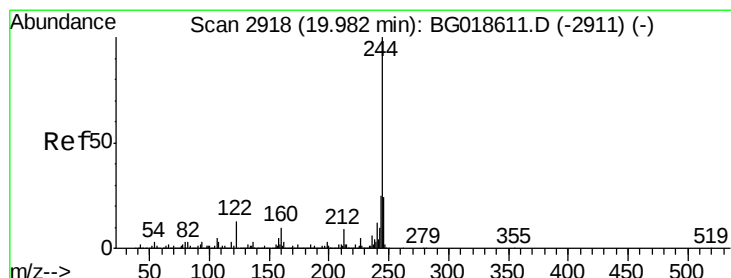
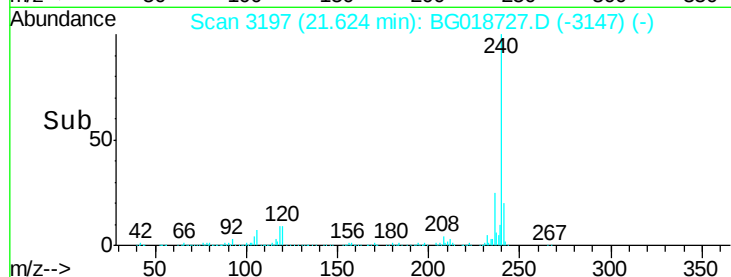
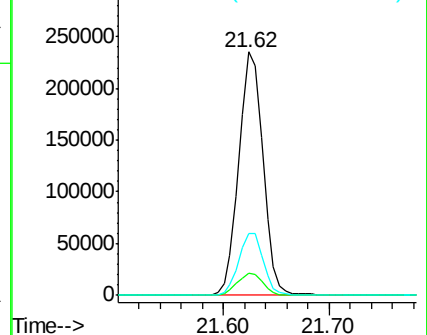
236 25.2 20.7 31.1



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: 79.40 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG018727.D

Acq: 17 Sep 2015 4:31

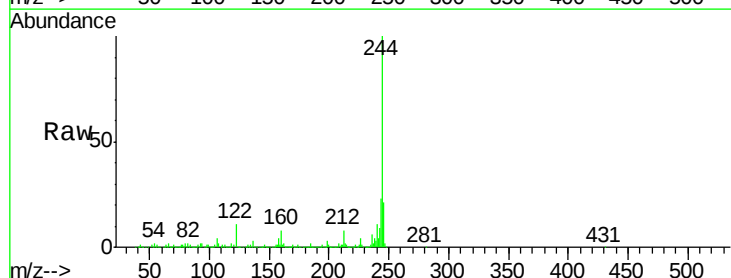
Tgt Ion:244 Resp: 1128618

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

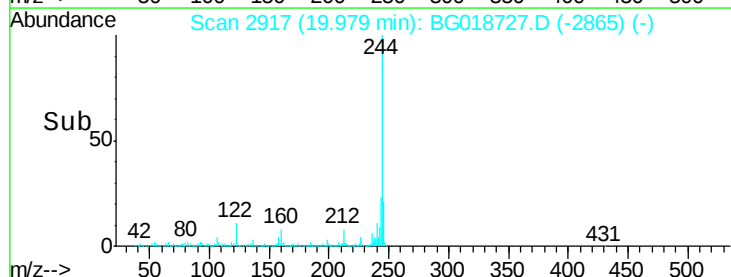
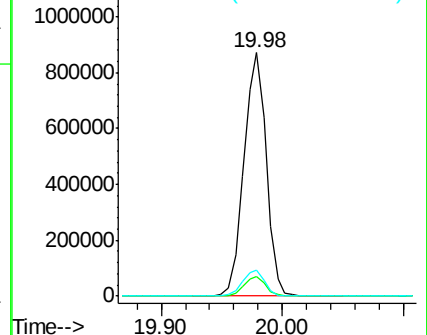
122 10.6 10.2 15.2

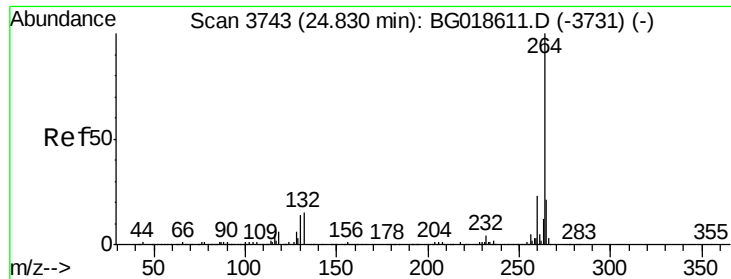


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3739
Delta R.T. -0.01 min
Lab File: BG018727.D
Acq: 17 Sep 2015 4:31

Instrument :
BNA_G
ClientSampleId :
PB85576BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	19.7	17.2	25.8

