

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
 Data File : BG018677.D
 Acq On : 15 Sep 2015 00:41
 Operator : UM/IZ
 Sample : G3649-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWD-1(3RD-QUART)

Quant Time: Sep 15 01:33:18 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

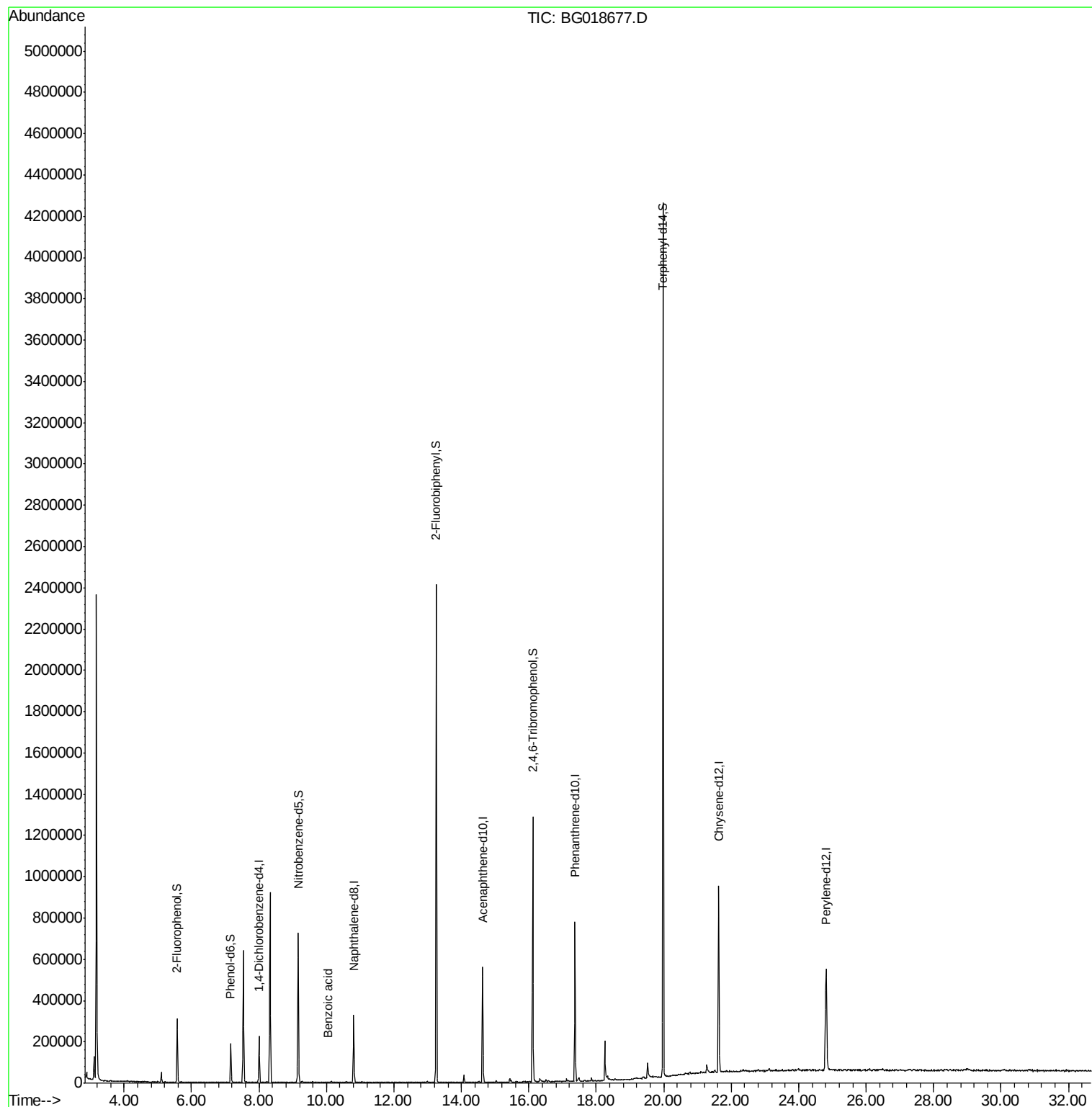
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	64432	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	283055	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	192410	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	503559	20.00	ng	0.00
75) Chrysene-d12	21.63	240	530635	20.00	ng	0.00
86) Perylene-d12	24.82	264	541630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	149478	40.08	ng	0.00
7) Phenol-d6	7.16	99	125448	23.46	ng	0.00
23) Nitrobenzene-d5	9.16	82	465442	92.01	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	263676	101.77	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1282474	92.53	ng	0.00
78) Terphenyl-d14	19.98	244	1798841	89.02	ng	0.00
Target Compounds						
32) Benzoic acid	10.06	122	93	7.95	ng	Qvalue # 36

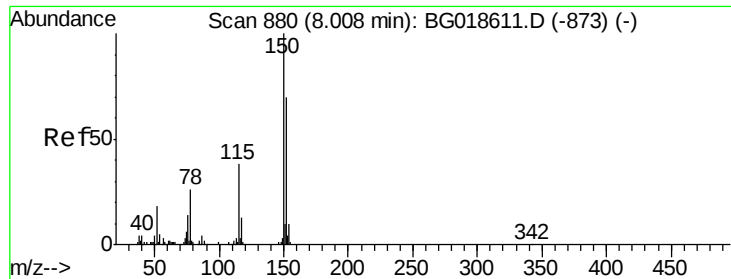
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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: BG018677.D

Acq: 15 Sep 2015 00:41

Instrument :

BNA_G

ClientSampleId :

SWD-1(3RD-QUART)

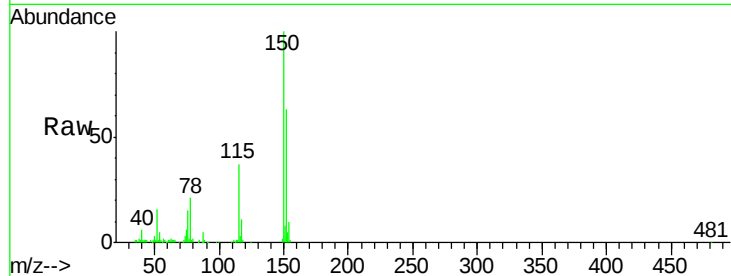
Tot Ion:152 Resp: 64432

Ion Ratio Lower Upper

152 100

150 158.9 115.0 172.4

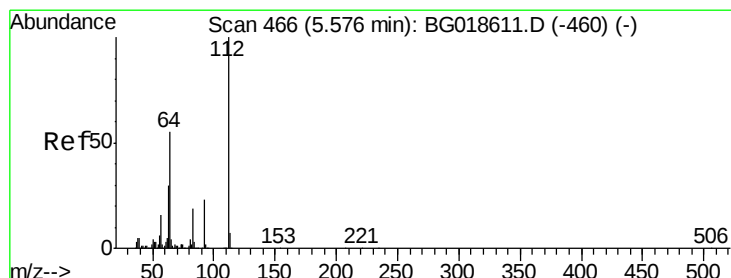
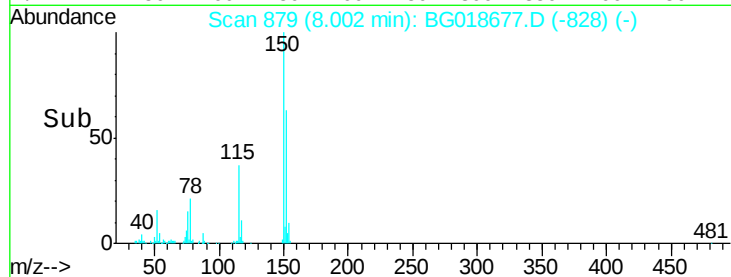
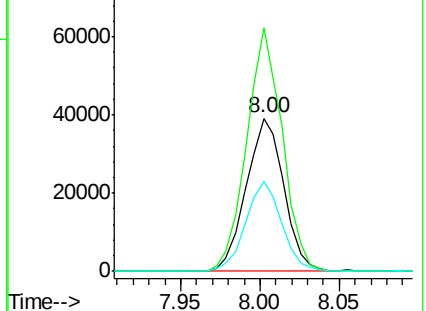
115 59.1 43.9 65.9



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: 40.08 ng

RT: 5.58 min Scan# 466

Delta R.T. -0.00 min

Lab File: BG018677.D

Acq: 15 Sep 2015 00:41

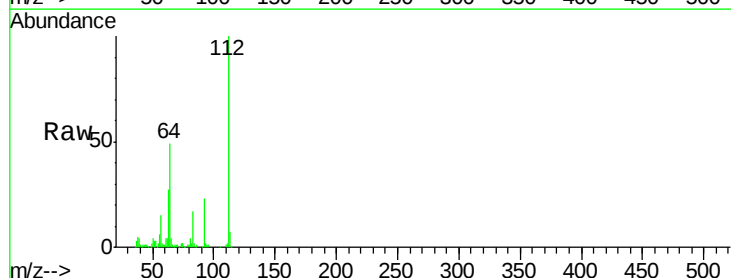
Tgt Ion:112 Resp: 149478

Ion Ratio Lower Upper

112 100

64 48.8 43.7 65.5

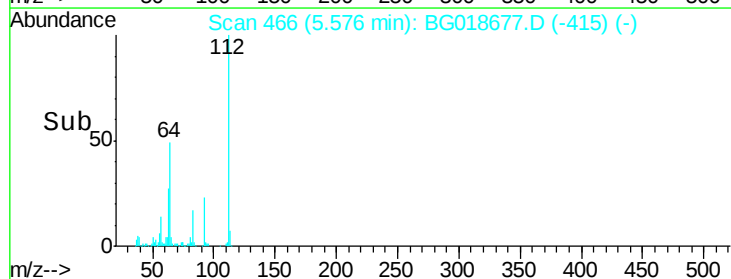
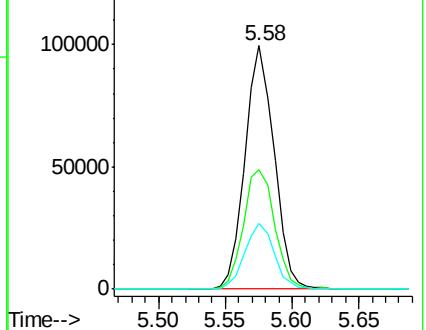
63 27.1 24.0 36.0

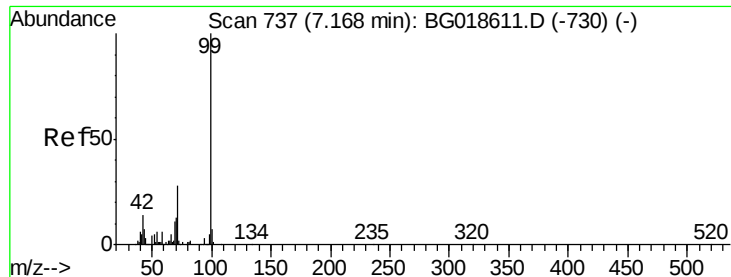


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.46 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018677.D

Acq: 15 Sep 2015 00:41

Instrument :

BNA_G

ClientSampleId :

SWD-1(3RD-QUART)

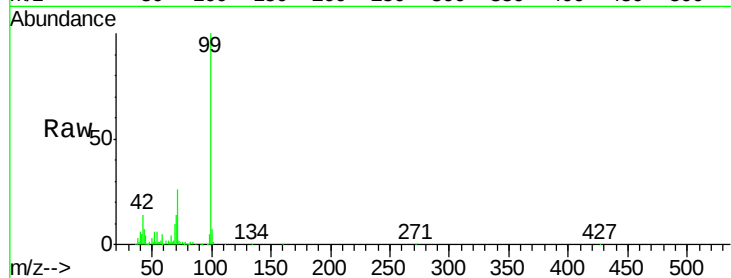
Tot Ion: 99 Resp: 125448

Ion Ratio Lower Upper

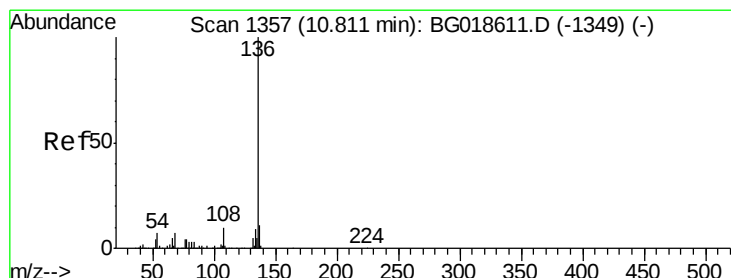
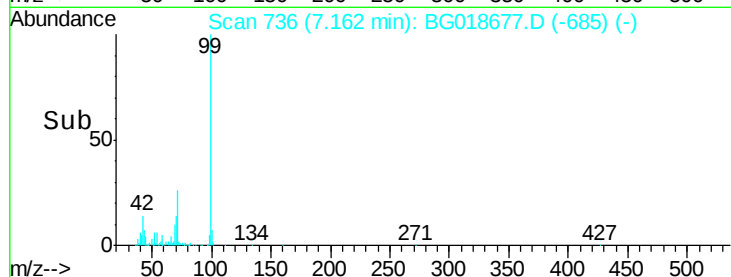
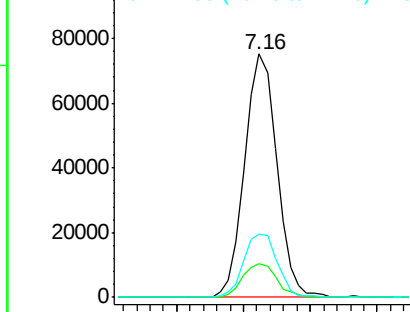
99 100

42 13.7 11.5 17.3

71 26.1 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# 1356

Delta R.T. -0.01 min

Lab File: BG018677.D

Acq: 15 Sep 2015 00:41

Tgt Ion: 136 Resp: 283055

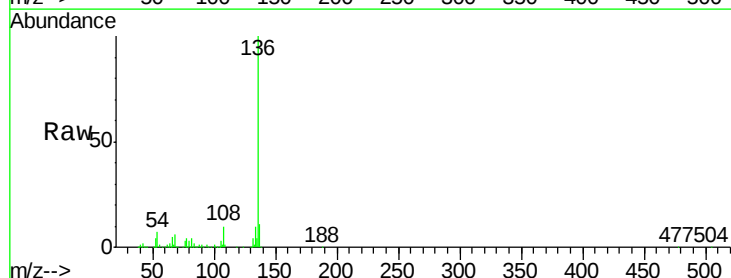
Ion Ratio Lower Upper

136 100

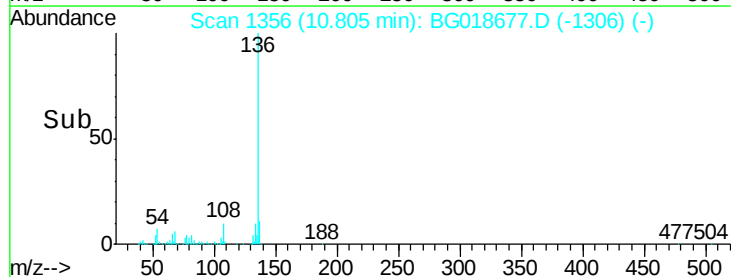
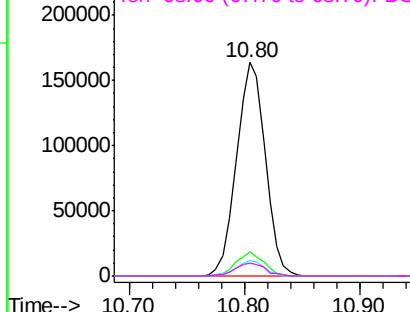
137 11.4 8.6 12.8

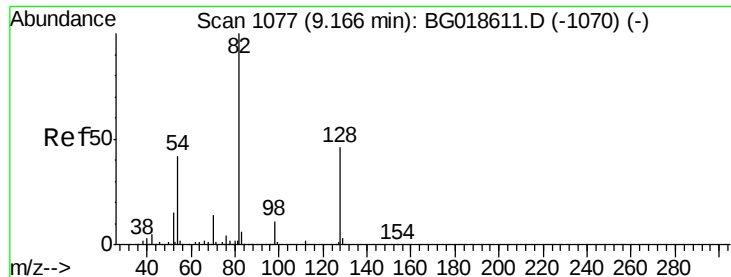
54 7.5 5.4 8.2

68 5.9 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

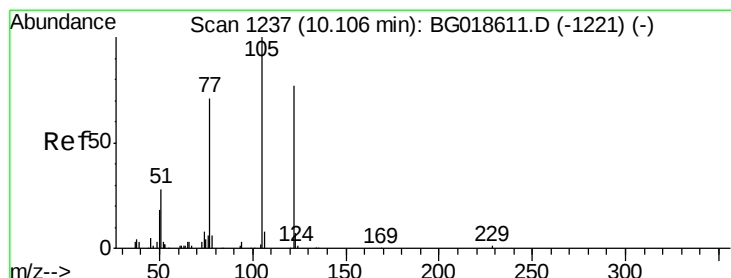
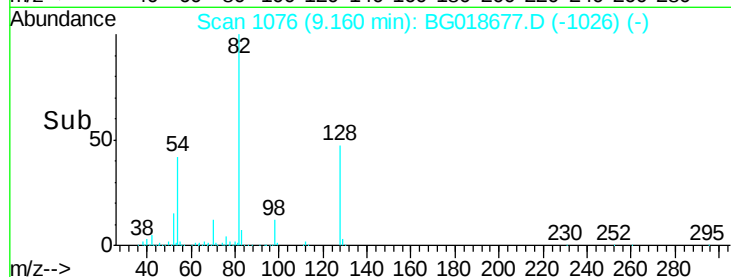
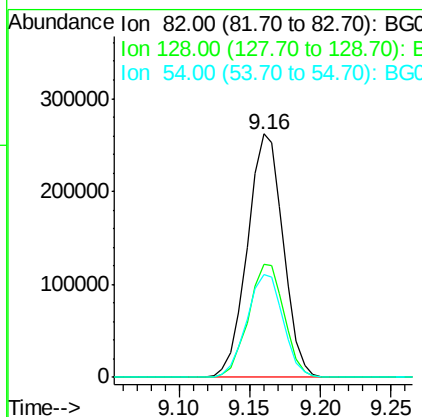
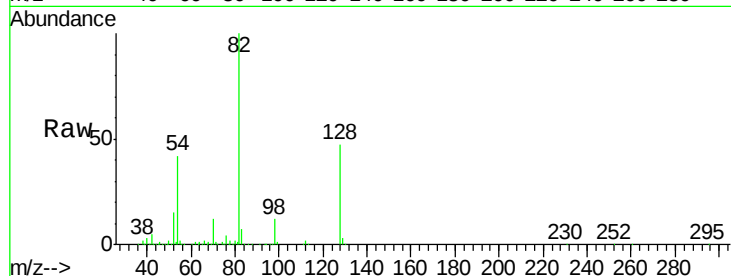




#23
Nitrobenzene-d5
Concen: 92.01 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG018677.D
Acq: 15 Sep 2015 00:41

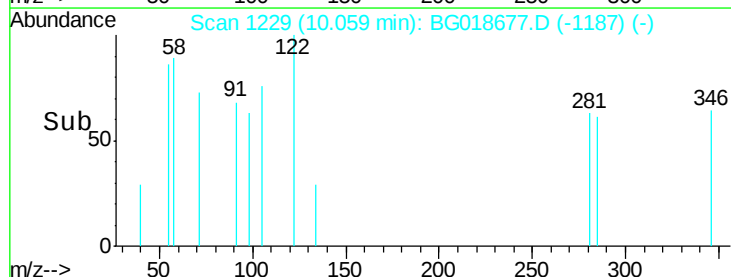
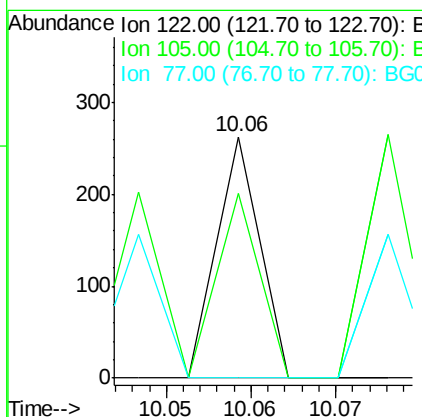
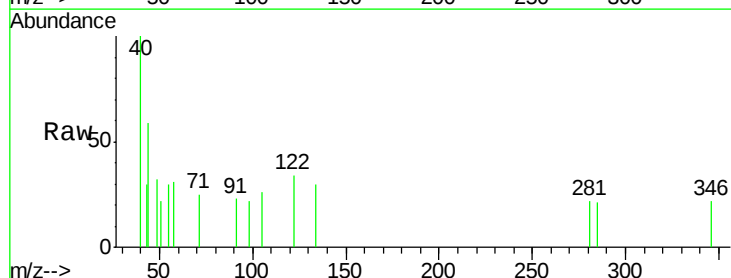
Instrument :
BNA_G
ClientSampleId :
SWD-1(3RD-QUART)

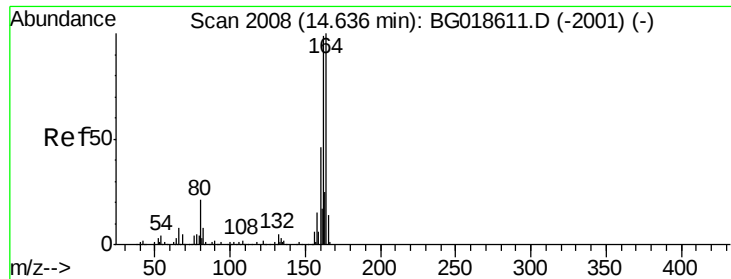
Tot Ion: 82 Resp: 465442
Ion Ratio Lower Upper
82 100
128 46.6 36.7 55.1
54 42.5 33.8 50.8



#32
Benzoic acid
Concen: 7.95 ng
RT: 10.06 min Scan# 1229
Delta R.T. -0.05 min
Lab File: BG018677.D
Acq: 15 Sep 2015 00:41

Tgt Ion: 122 Resp: 93
Ion Ratio Lower Upper
122 100
105 76.4 103.8 143.8#
77 0.0 68.8 108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG018677.D

Acq: 15 Sep 2015 00:41

Instrument :

BNA_G

ClientSampleId :

SWD-1(3RD-QUART)

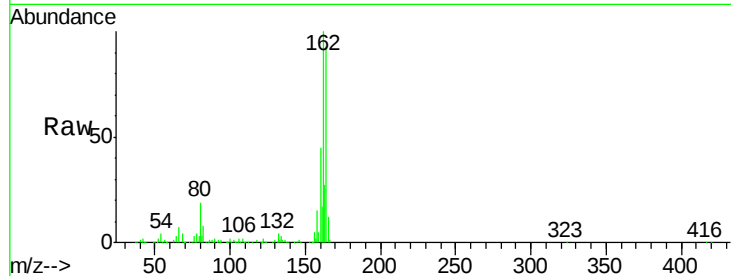
Tot Ion:164 Resp: 192410

Ion Ratio Lower Upper

164 100

162 107.5 78.8 118.2

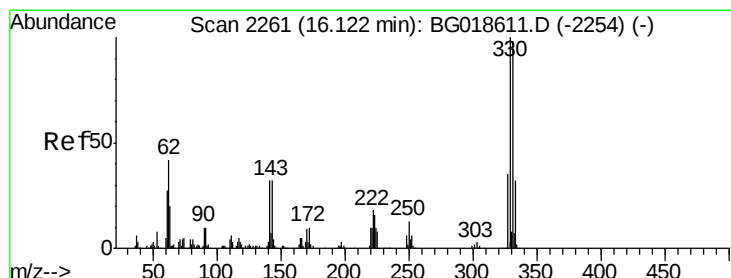
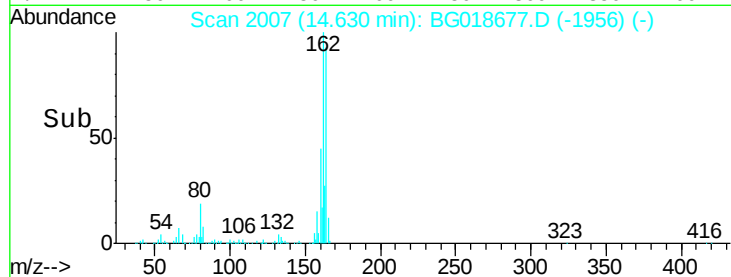
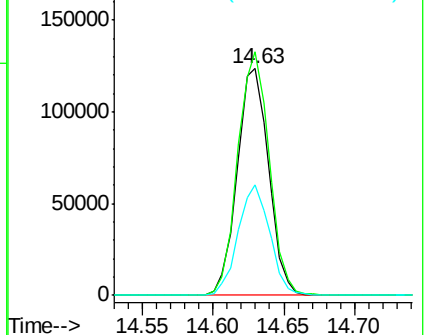
160 48.9 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 101.77 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG018677.D

Acq: 15 Sep 2015 00:41

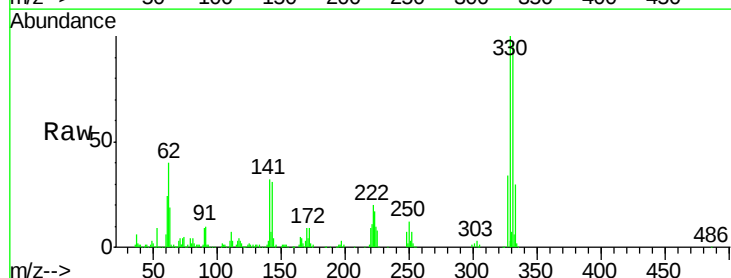
Tgt Ion:330 Resp: 263676

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

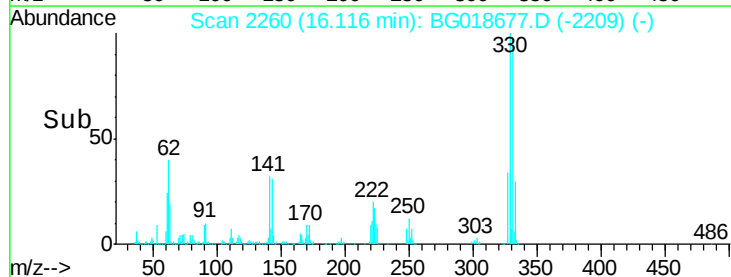
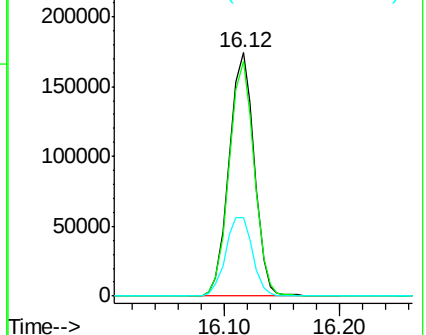
141 34.3 28.2 42.2



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



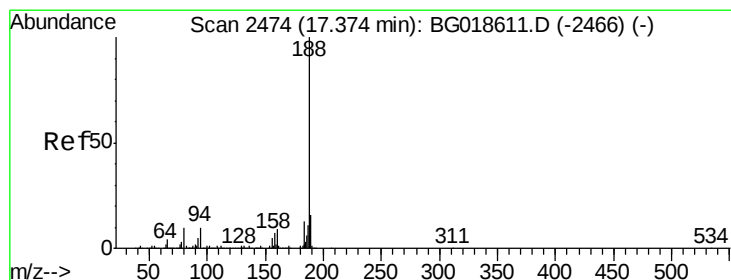
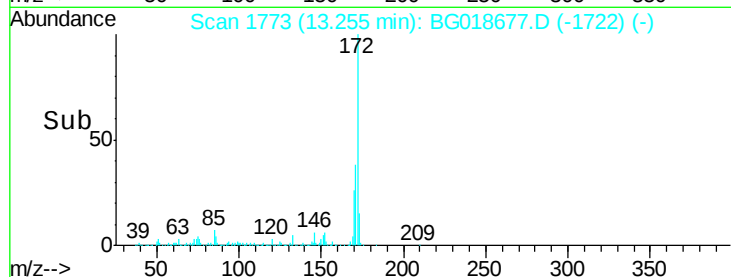
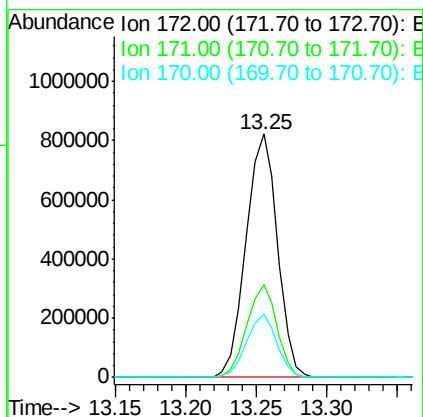
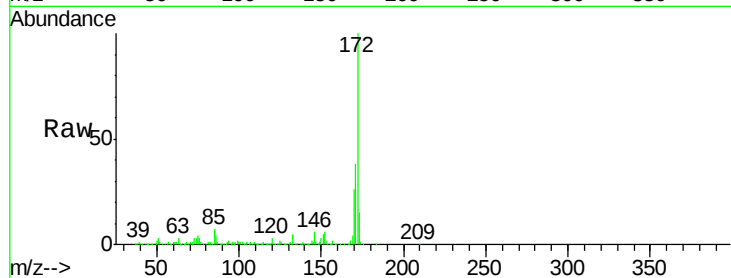


#44
 2-Fluorobiphenyl
 Concen: 92.53 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG018677.D
 Acq: 15 Sep 2015 00:41

Instrument :
 BNA_G
 ClientSampleId :
 SWD-1(3RD-QUART)

Tot Ion:172 Resp: 1282474

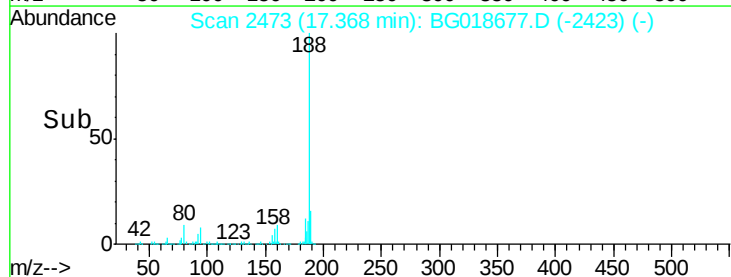
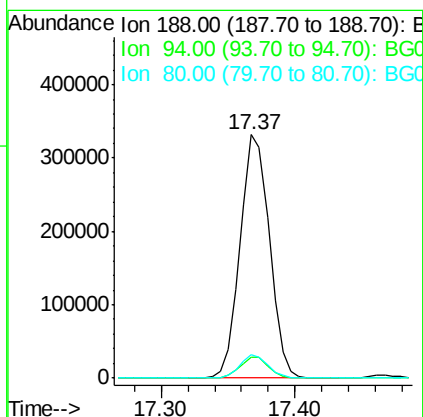
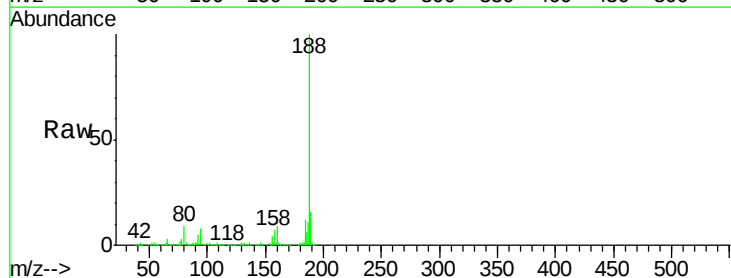
Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	26.0	19.9	29.9

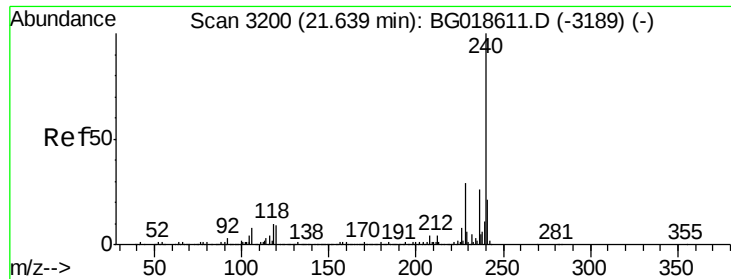


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG018677.D
 Acq: 15 Sep 2015 00:41

Tgt Ion:188 Resp: 503559

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.7	11.5
80	9.4	7.8	11.8

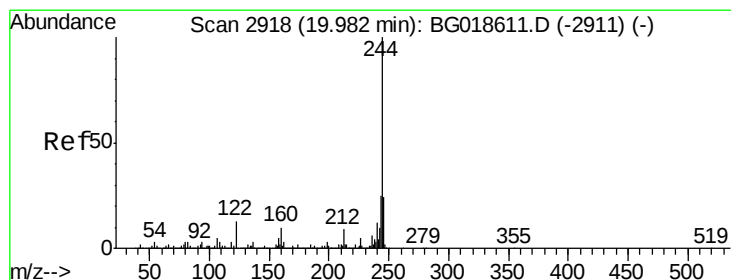
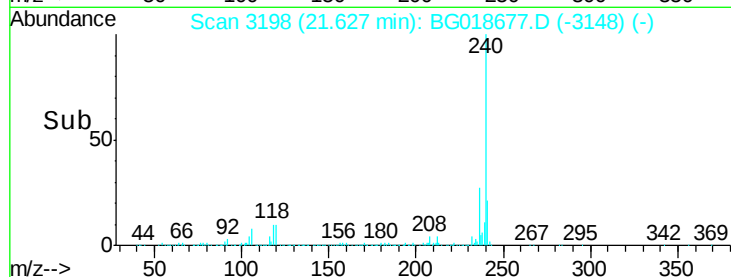
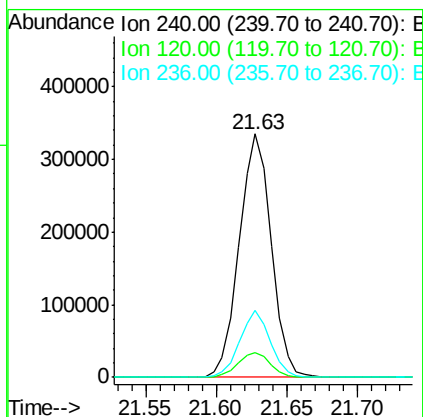
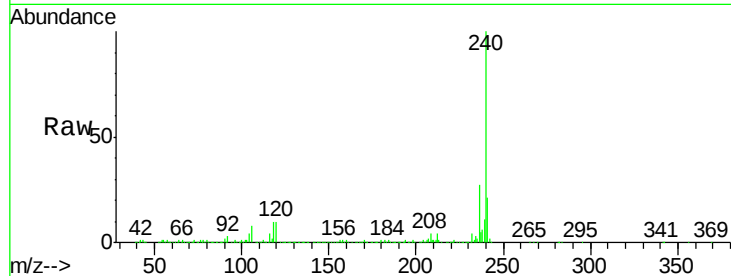




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BG018677.D
Acq: 15 Sep 2015 00:41

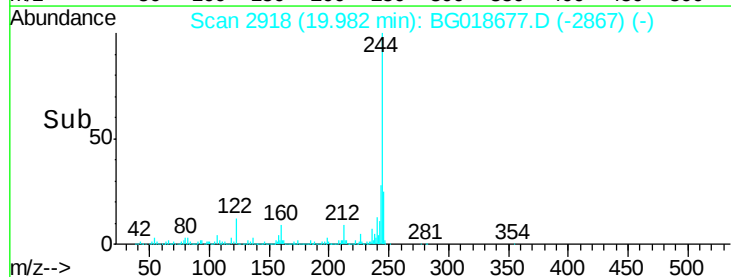
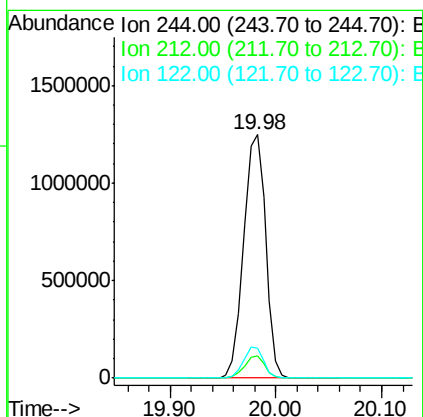
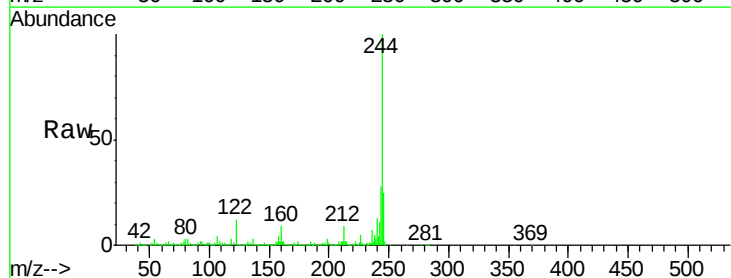
Instrument :
BNA_G
ClientSampleId :
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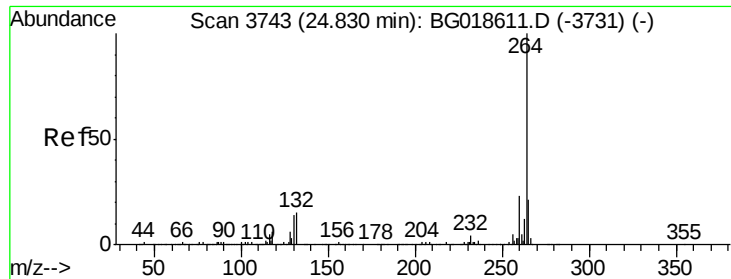
Tot Ion:240 Resp: 530635
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.0
236 27.4 20.7 31.1



#78
Terphenyl-d14
Concen: 89.02 ng
RT: 19.98 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BG018677.D
Acq: 15 Sep 2015 00:41

Tgt Ion:244 Resp: 1798841
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 12.3 10.2 15.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3741
Delta R.T. -0.00 min
Lab File: BG018677.D
Acq: 15 Sep 2015 00:41

Instrument :
BNA_G
ClientSampleId :
SWD-1(3RD-QUART)

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.5	27.7
265	21.0	17.2	25.8

