

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018747.D
 Acq On : 17 Sep 2015 21:05
 Operator : TP
 Sample : G3663-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-1

Quant Time: Sep 18 02:50:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

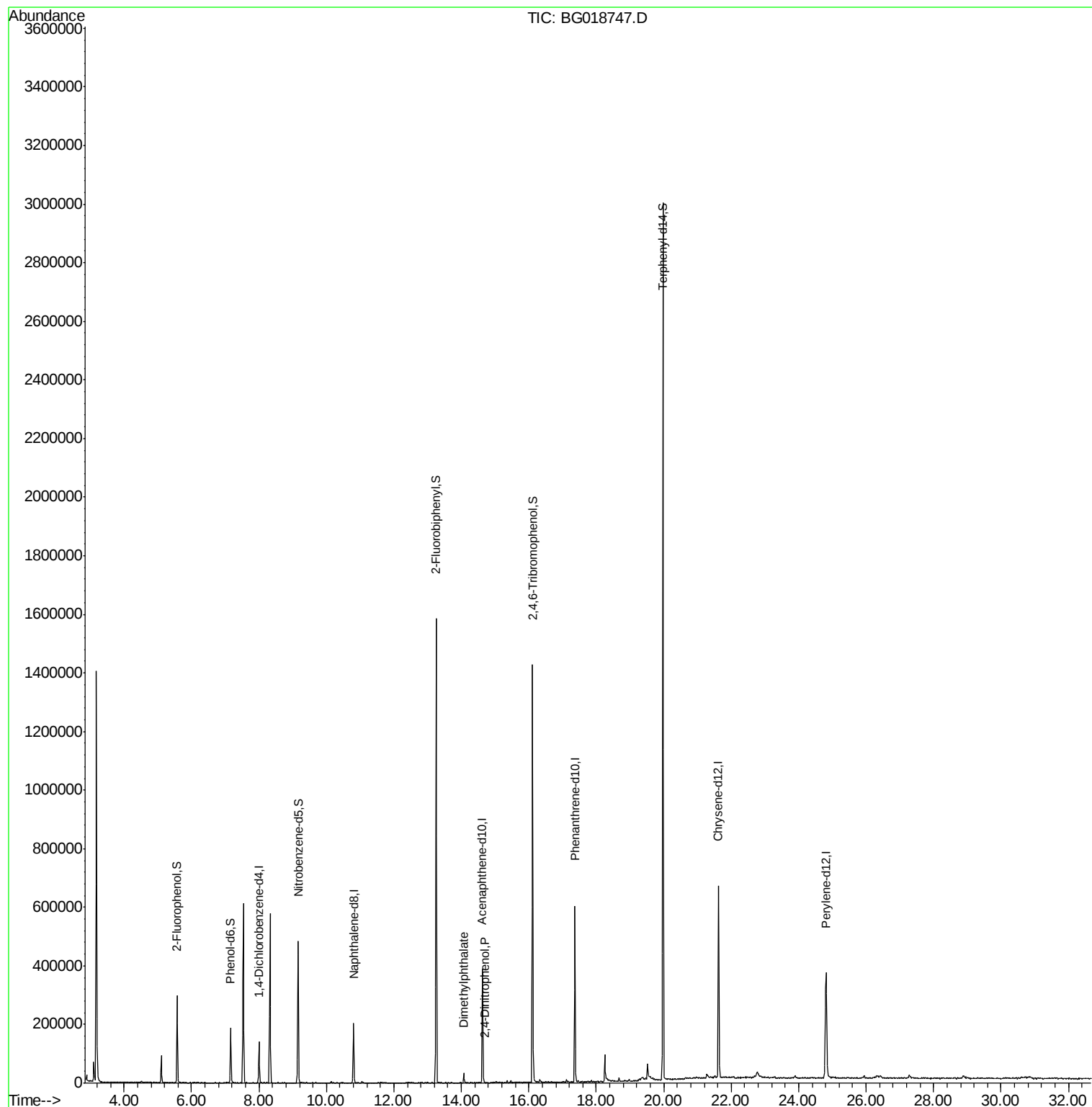
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	44350	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	184372	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	134706	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	374914	20.00	ng	0.00
75) Chrysene-d12	21.62	240	405412	20.00	ng	-0.01
86) Perylene-d12	24.81	264	397533	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	148236	57.74	ng	0.00
7) Phenol-d6	7.16	99	127153	34.54	ng	0.00
23) Nitrobenzene-d5	9.16	82	303123	92.00	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	285455	157.38	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	849524	87.55	ng	0.00
78) Terphenyl-d14	19.98	244	1302070	84.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.07	163	24136	2.16	ng	# 98
53) 2,4-Dinitrophenol	14.68	184	58	7.69	ng	# 19

(#) = 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. -0.01 min

Lab File: BG018747.D

Acq: 17 Sep 2015 21:05

Instrument :

BNA_G

ClientSampleId :

GW-1

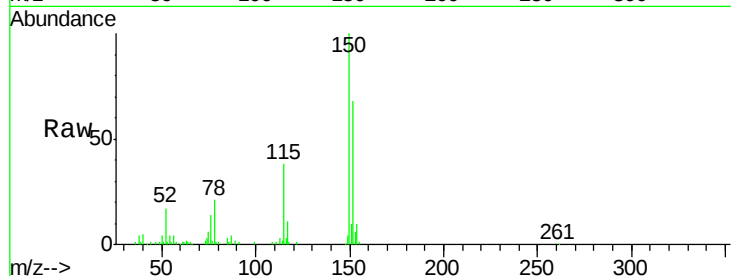
Tot Ion:152 Resp: 44350

Ion Ratio Lower Upper

152 100

150 146.5 115.0 172.4

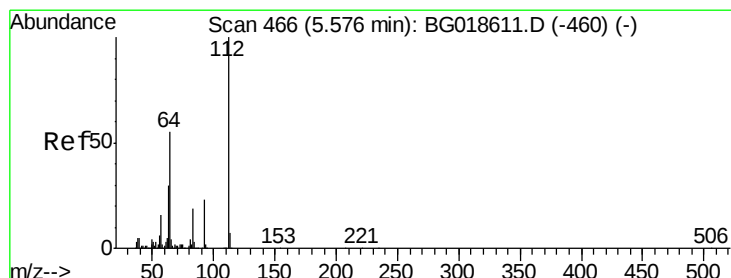
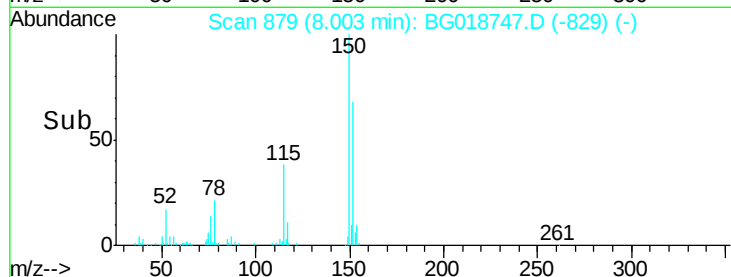
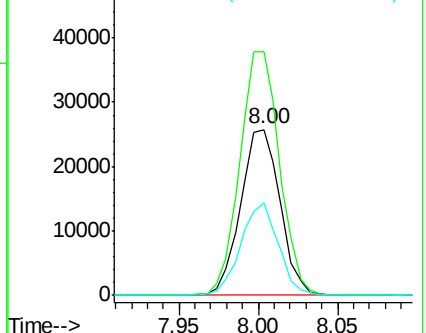
115 55.5 43.9 65.9



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: 57.74 ng

RT: 5.57 min Scan# 465

Delta R.T. -0.01 min

Lab File: BG018747.D

Acq: 17 Sep 2015 21:05

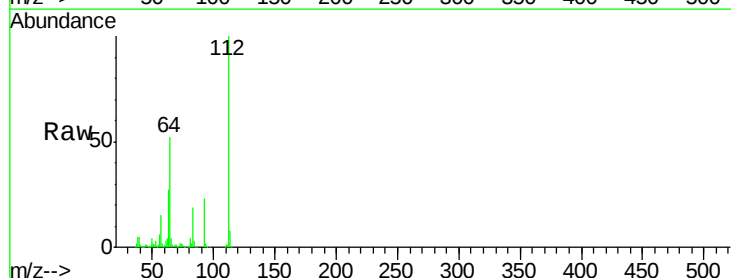
Tgt Ion:112 Resp: 148236

Ion Ratio Lower Upper

112 100

64 51.7 43.7 65.5

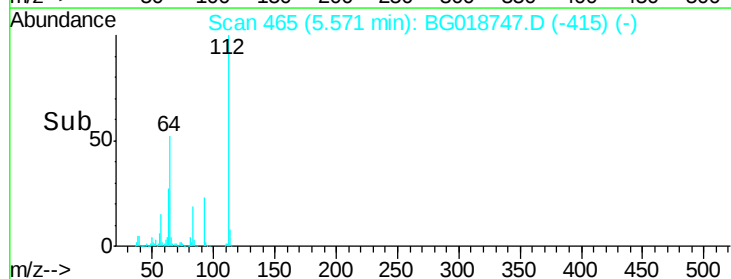
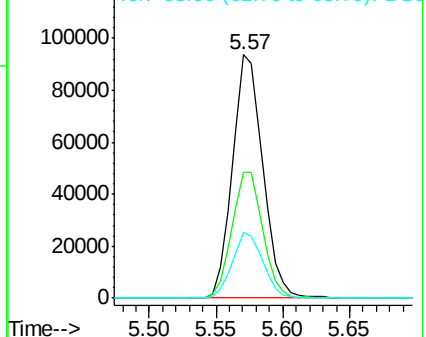
63 26.8 24.0 36.0

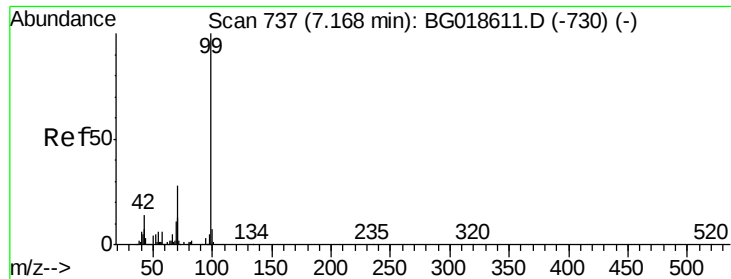


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.54 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018747.D

Acq: 17 Sep 2015 21:05

Instrument :

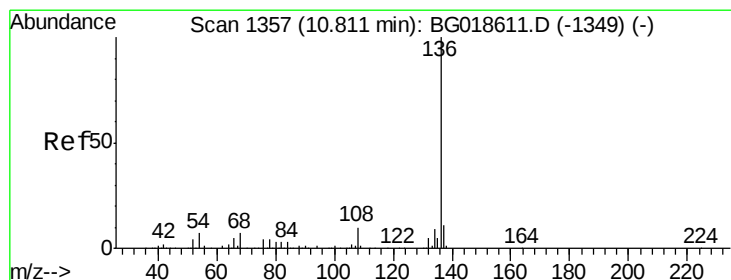
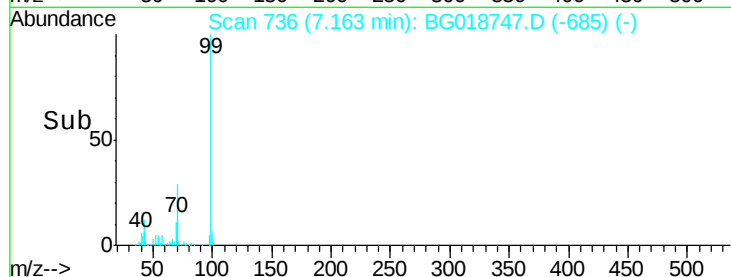
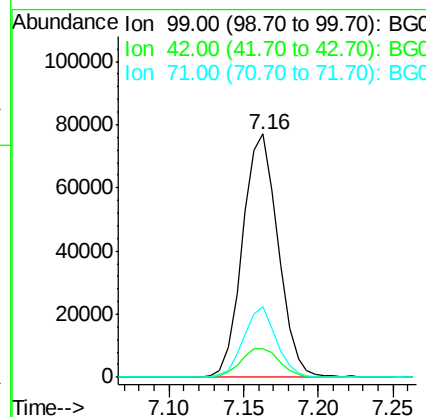
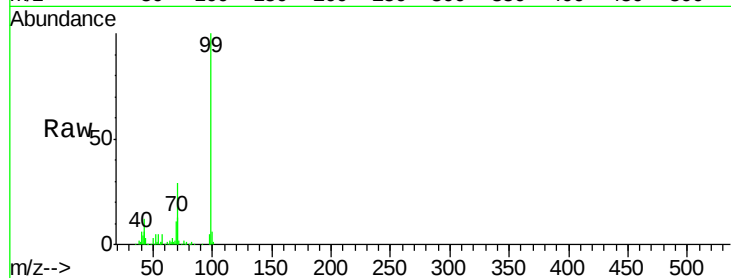
BNA_G

ClientSampleId :

GW-1

Tot Ion: 99 Resp: 127153

Ion	Ratio	Lower	Upper
99	100		
42	11.5	11.5	17.3#
71	29.1	22.6	34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

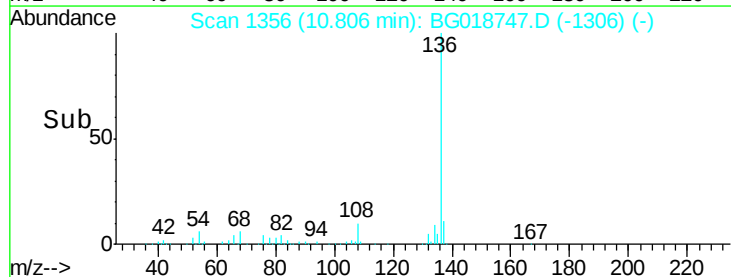
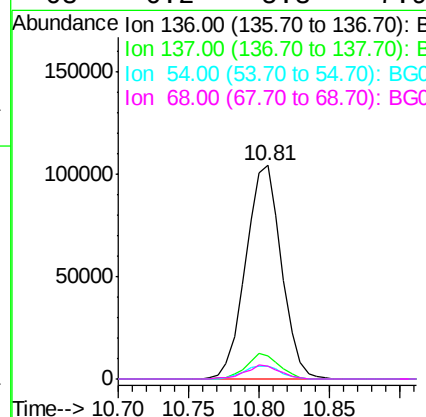
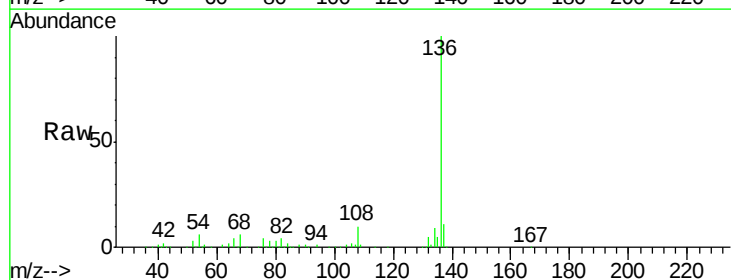
Delta R.T. -0.01 min

Lab File: BG018747.D

Acq: 17 Sep 2015 21:05

Tgt Ion: 136 Resp: 184372

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	5.8	5.4	8.2
68	6.2	5.3	7.9

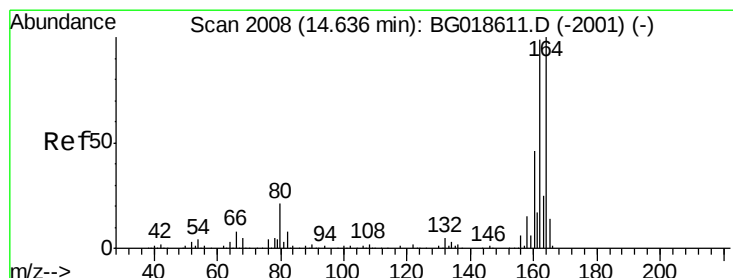
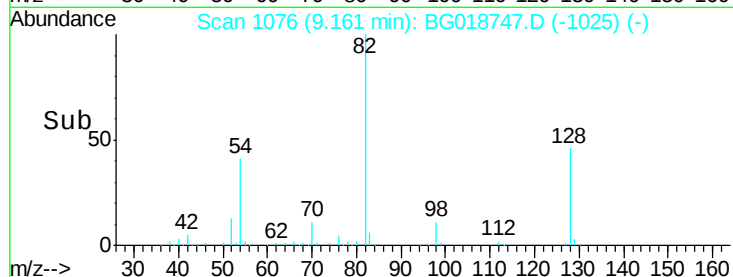
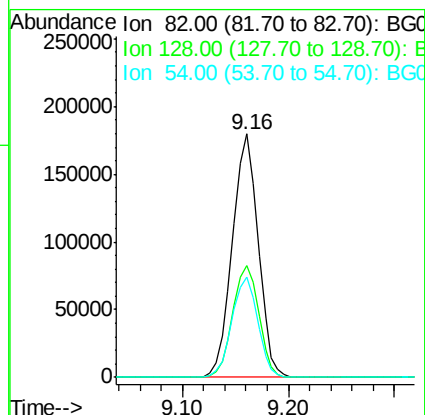
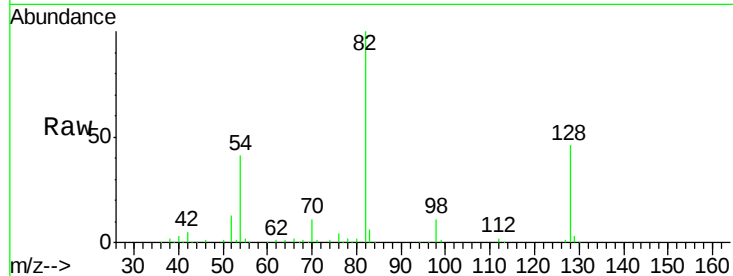




#23
Nitrobenzene-d5
Concen: 92.00 ng
RT: 9.16 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BG018747.D
Acq: 17 Sep 2015 21:05

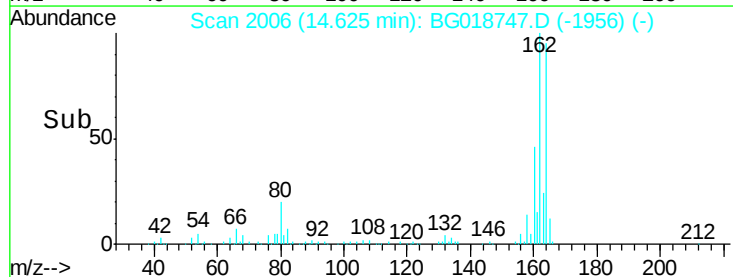
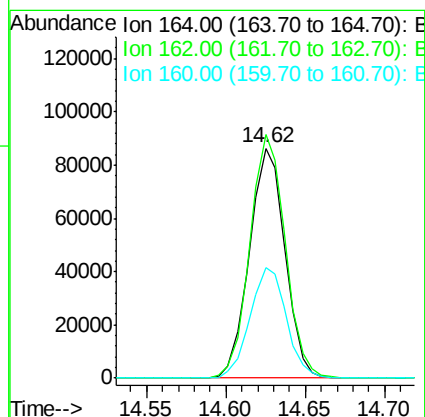
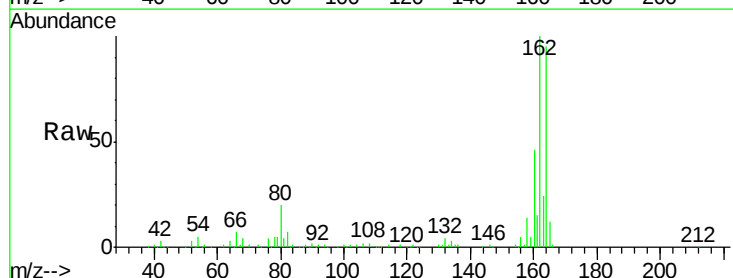
Instrument :
BNA_G
ClientSampled :
GW-1

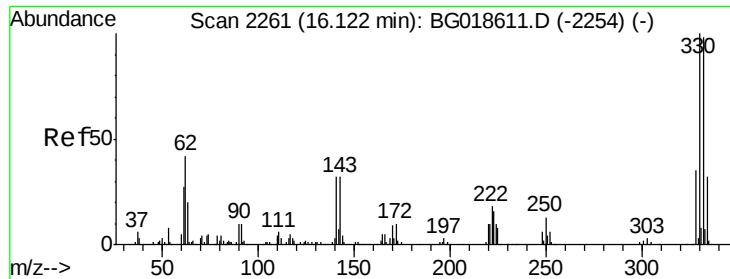
Tot Ion	82	Resp	303123
Ion Ratio	100	Lower	Upper
128	45.8	36.7	55.1
54	41.3	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG018747.D
Acq: 17 Sep 2015 21:05

Tgt Ion	164	Resp	134706
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.8	78.8	118.2
160	48.2	36.4	54.6

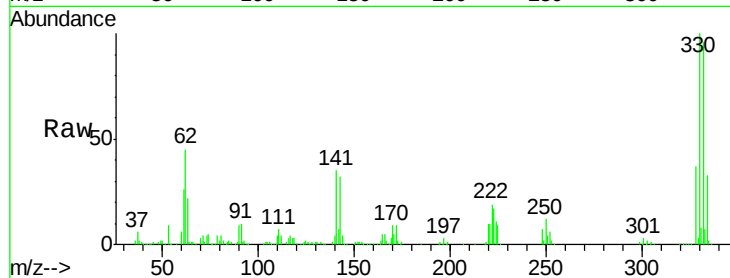




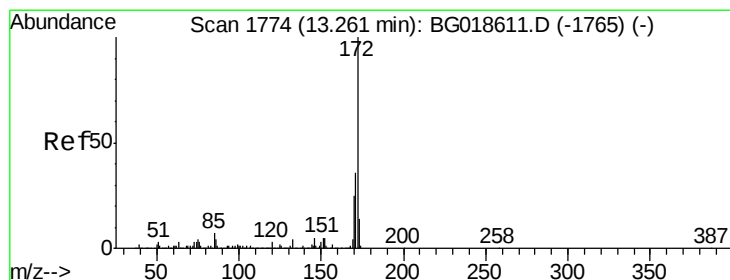
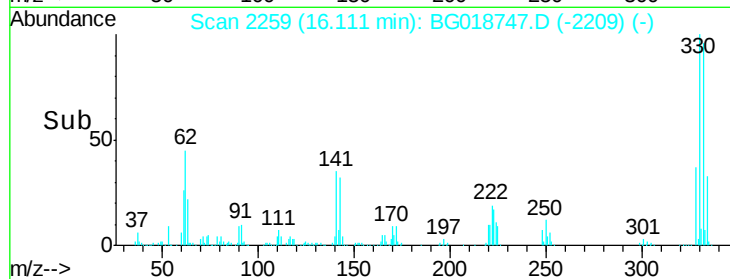
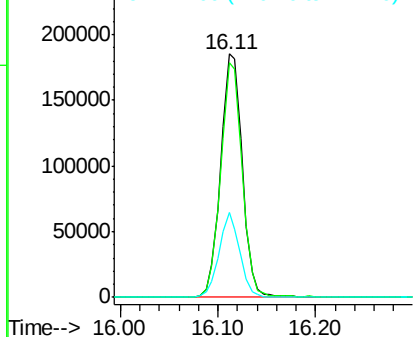
#41
 2,4,6-Tribromophenol
 Concen: 157.38 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BG018747.D
 Acq: 17 Sep 2015 21:05

Instrument :
 BNA_G
 ClientSampled :
 GW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.1	117.1
141	33.1	28.2	42.2

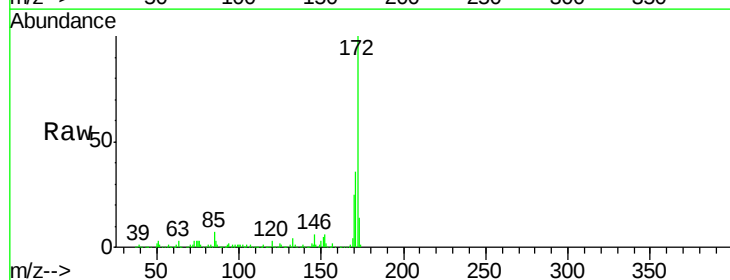


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

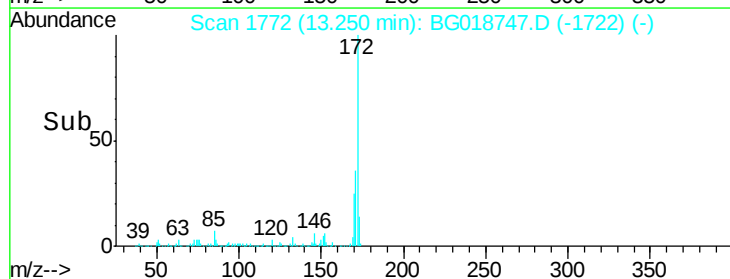
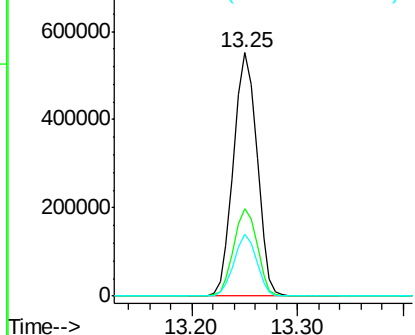


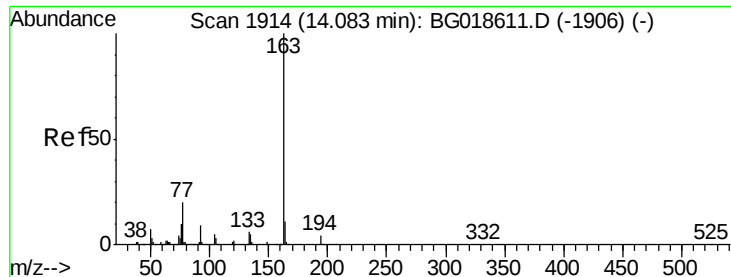
#44
 2-Fluorobiphenyl
 Concen: 87.55 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018747.D
 Acq: 17 Sep 2015 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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





#49

Dimethylphthalate

Concen: 2.16 ng

RT: 14.07 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG018747.D

Acq: 17 Sep 2015 21:05

Instrument :

BNA_G

ClientSampleId :

GW-1

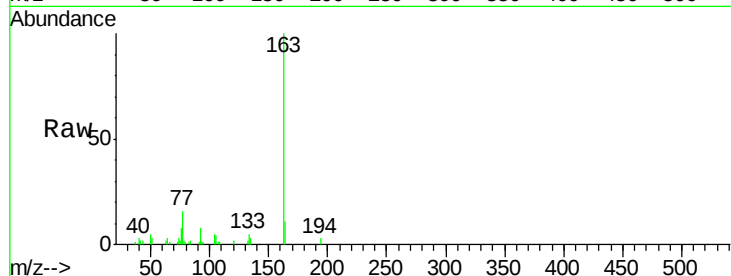
Tot Ion:163 Resp: 24136

Ion Ratio Lower Upper

163 100

194 2.6 3.1 4.7#

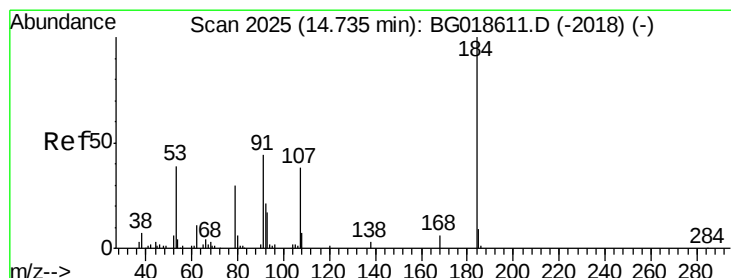
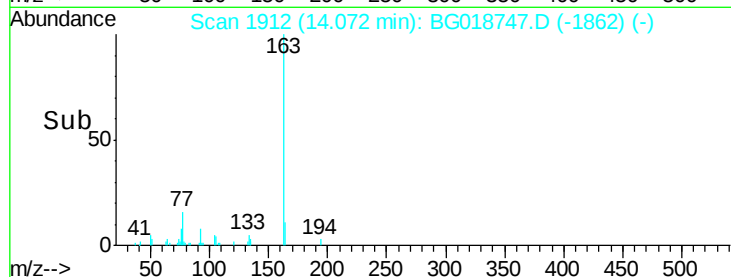
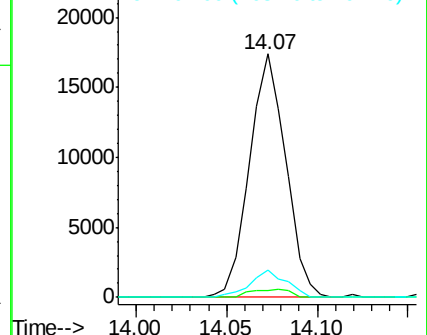
164 11.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 7.69 ng

RT: 14.68 min Scan# 2015

Delta R.T. -0.06 min

Lab File: BG018747.D

Acq: 17 Sep 2015 21:05

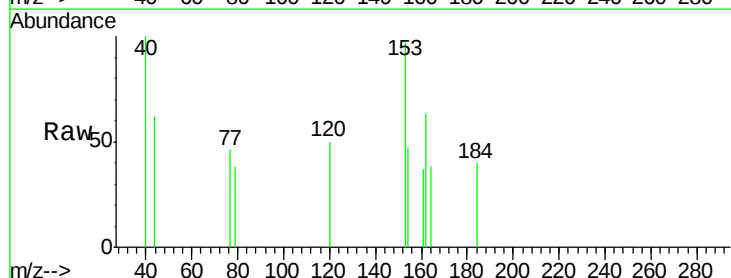
Tgt Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

63 0.0 42.7 64.1#

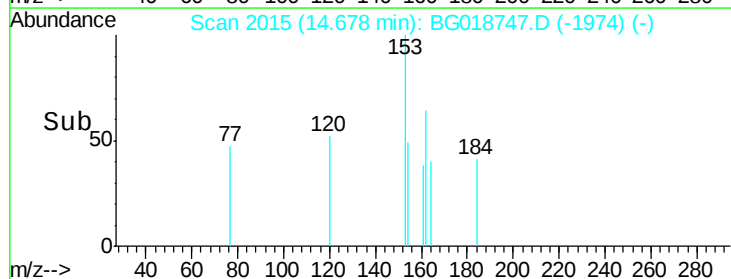
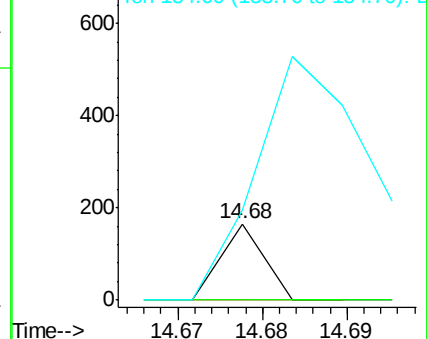
154 118.2 44.3 66.5#

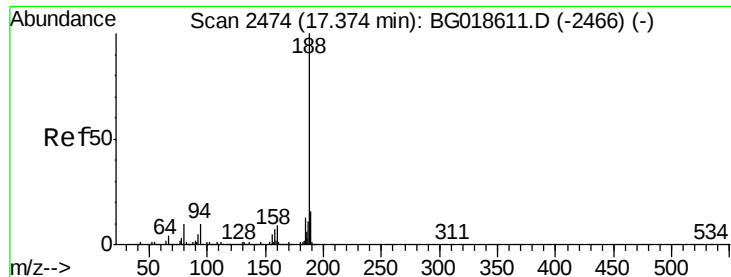


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

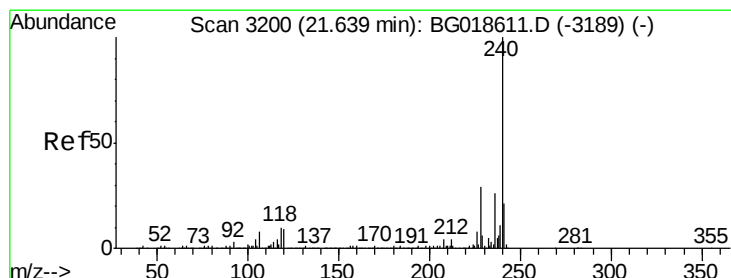
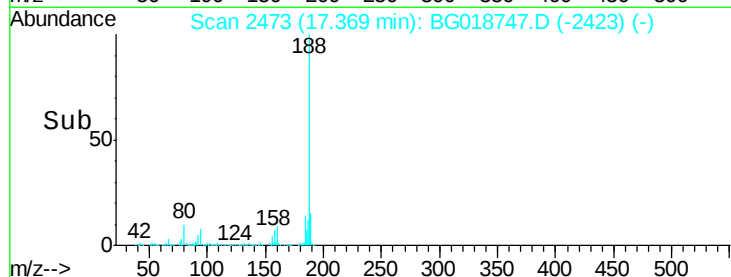
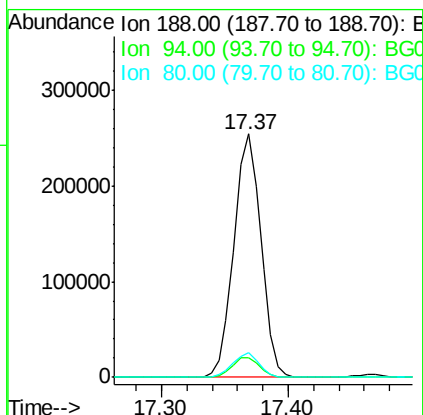
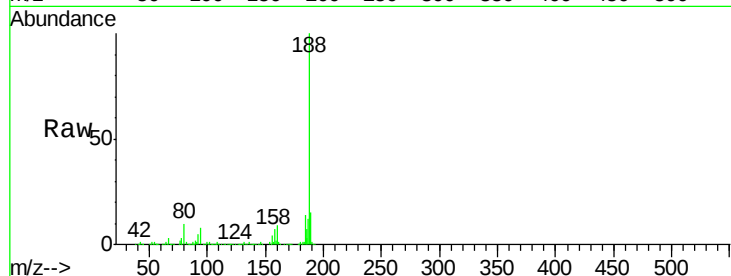




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG018747.D
Acq: 17 Sep 2015 21:05

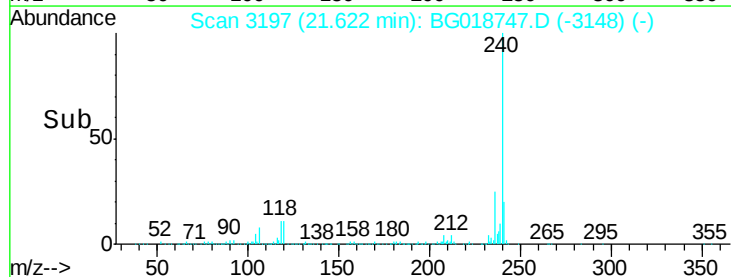
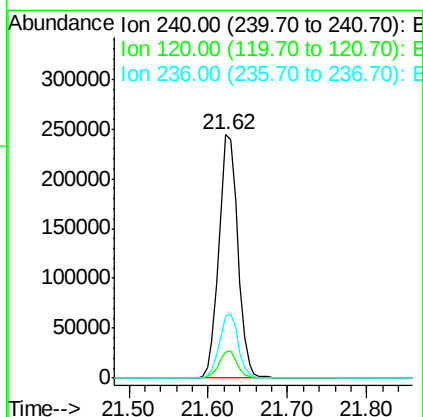
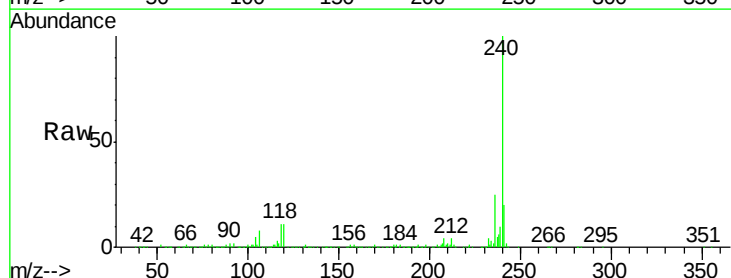
Instrument :
BNA_G
ClientSampleId :
GW-1

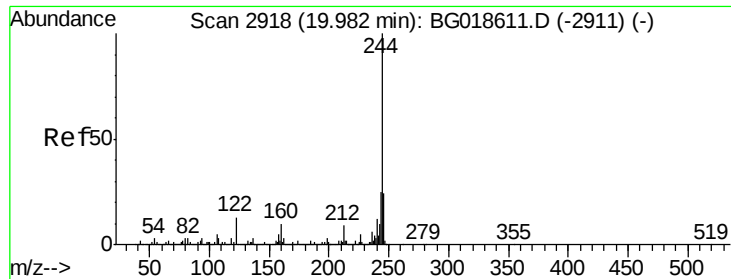
Tot Ion:188 Resp: 374914
Ion Ratio Lower Upper
188 100
94 8.3 7.7 11.5
80 10.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG018747.D
Acq: 17 Sep 2015 21:05

Tgt Ion:240 Resp: 405412
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 84.34 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG018747.D

Acq: 17 Sep 2015 21:05

Instrument :

BNA_G

ClientSampleId :

GW-1

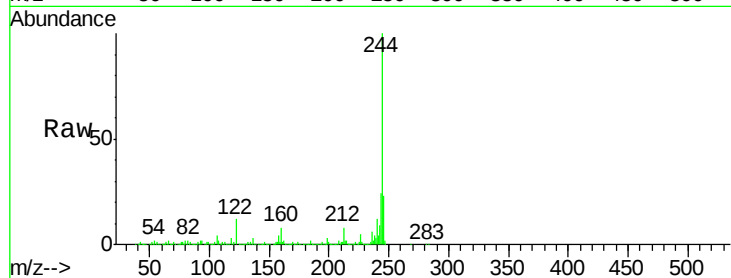
Tot Ion:244 Resp: 1302070

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

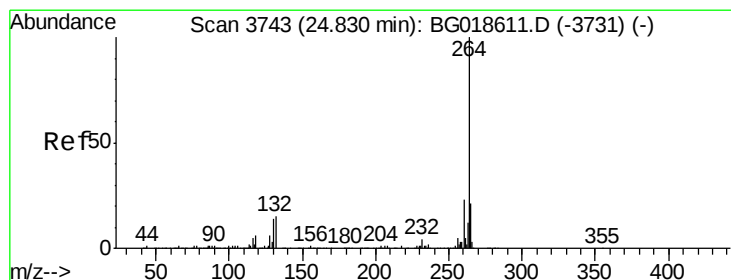
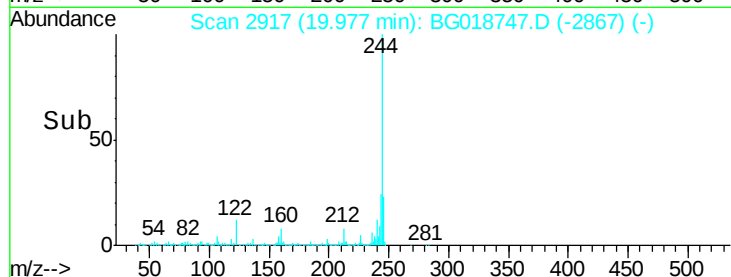
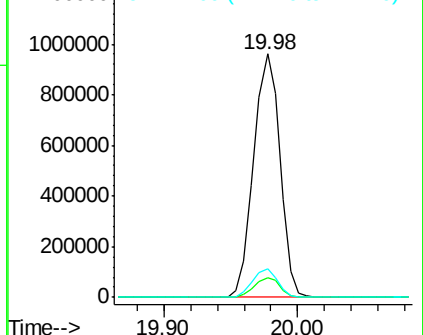
122 11.5 10.2 15.2



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: BG018747.D

Acq: 17 Sep 2015 21:05

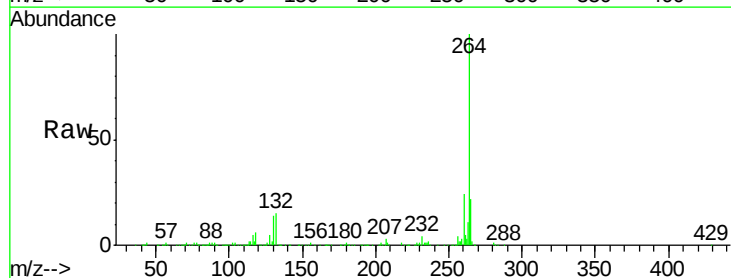
Tgt Ion:264 Resp: 397533

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 22.2 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

