

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020067.D
 Acq On : 10 Dec 2015 7:29
 Operator : UM/SJ
 Sample : G4683-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5

Quant Time: Dec 10 10:13:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

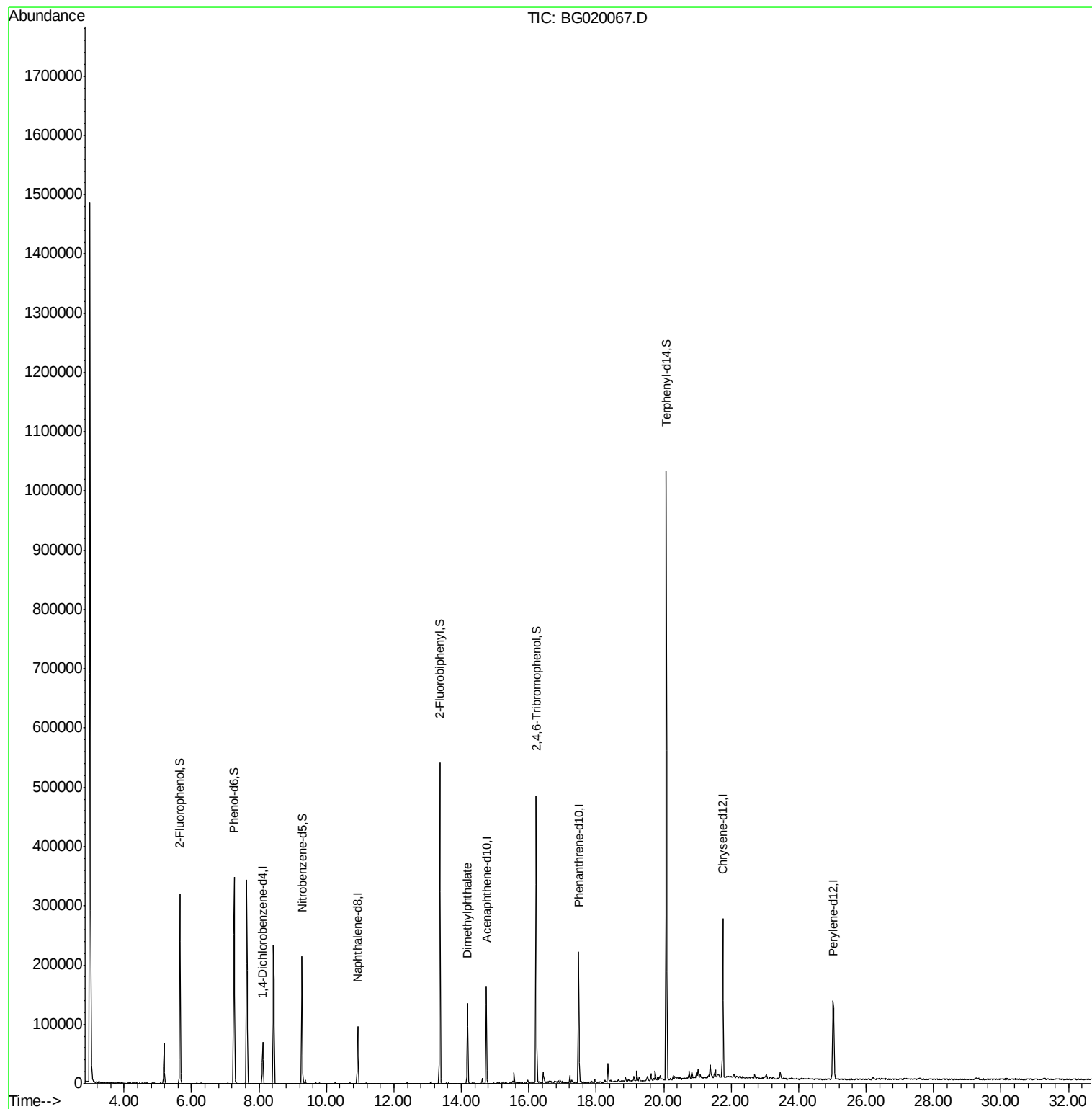
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18490	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	81919	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	57018	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	135970	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	164780	20.00	ng	-0.04
86) Perylene-d12	25.02	264	155358	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	135403	132.35	ng	-0.01
7) Phenol-d6	7.26	99	202289	130.96	ng	-0.01
23) Nitrobenzene-d5	9.28	82	131242	81.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	94846	108.72	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	283477	67.88	ng	-0.03
78) Terphenyl-d14	20.08	244	461384	68.30	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	90048	17.56	ng	98

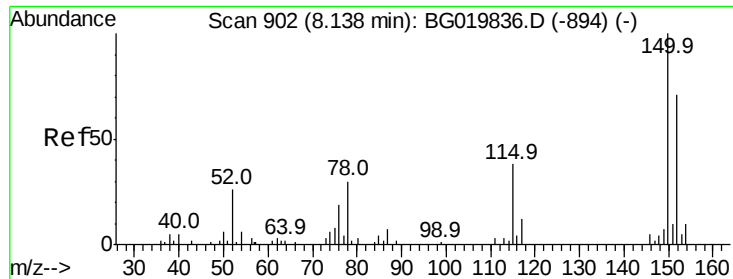
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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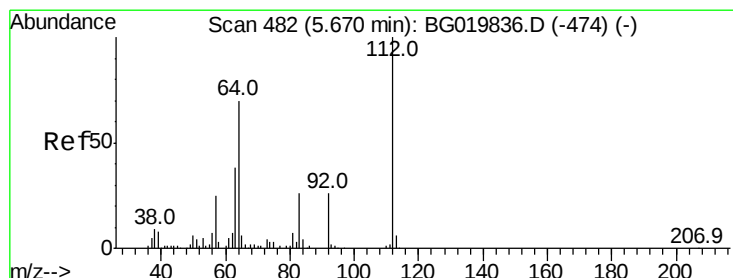
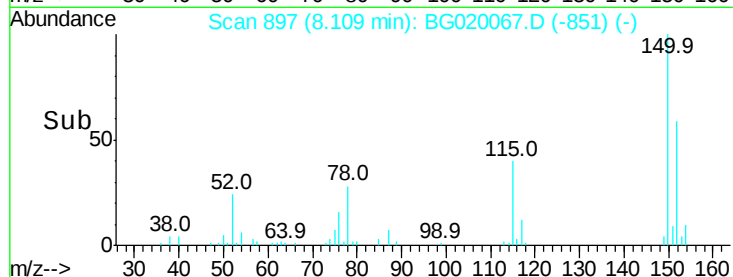
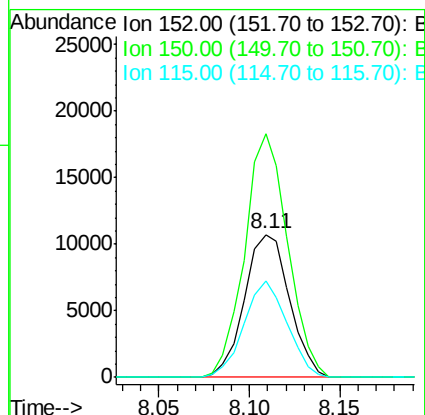
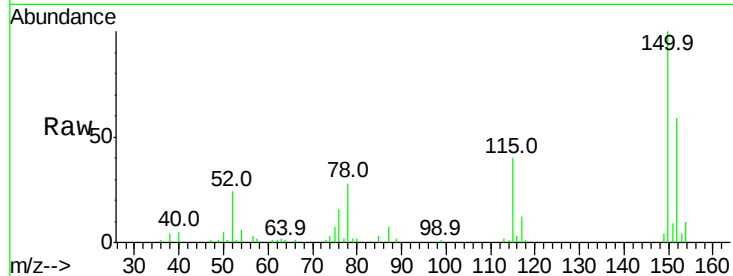


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

Instrument :
BNA_G
ClientSampleId :
S8-14.5

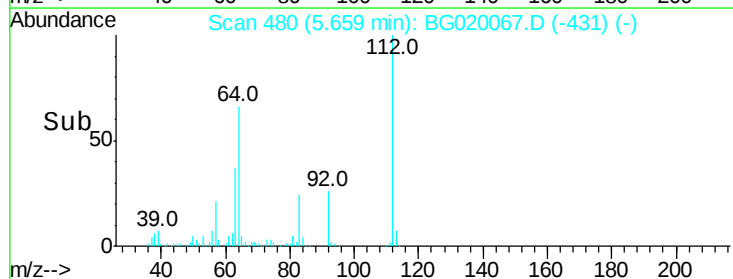
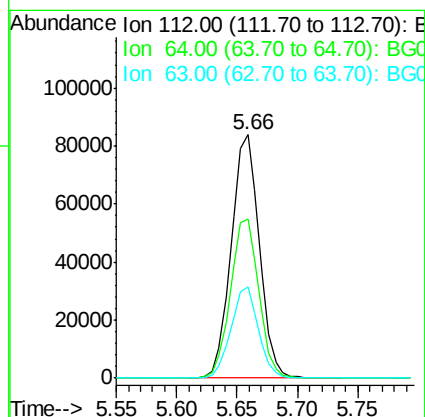
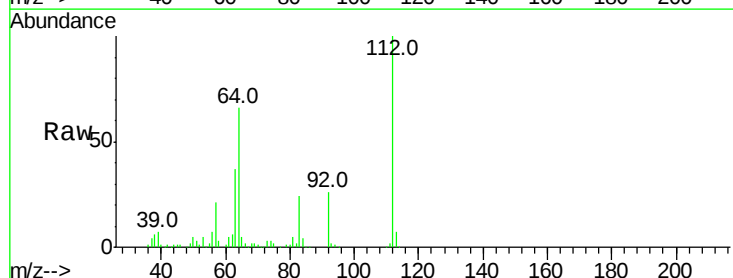
Tot Ion:152 Resp: 18490
Ion Ratio Lower Upper
152 100
150 170.4 115.0 172.4
115 67.5 43.9 65.9#

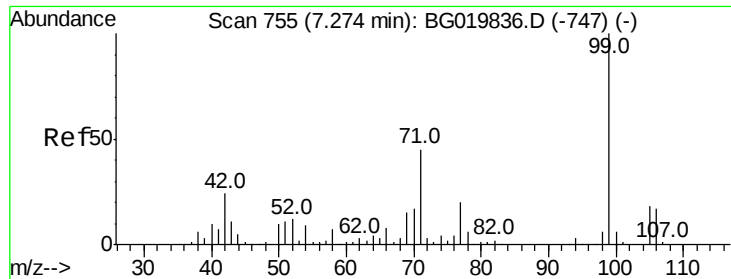


#5

2-Fluorophenol
Concen: 132.35 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

Tgt Ion:112 Resp: 135403
Ion Ratio Lower Upper
112 100
64 65.5 43.7 65.5#
63 37.3 24.0 36.0#





#7

Phenol-d6

Concen: 130.96 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

Instrument :

BNA_G

ClientSampleId :

S8-14.5

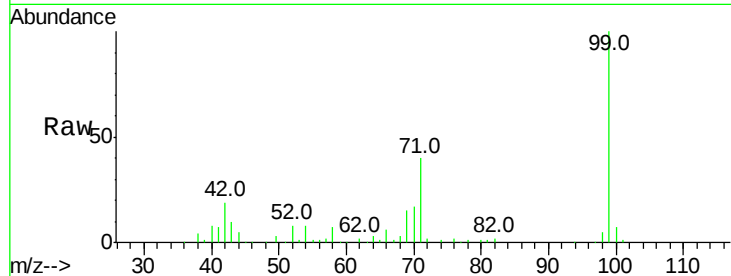
Tot Ion: 99 Resp: 202289

Ion Ratio Lower Upper

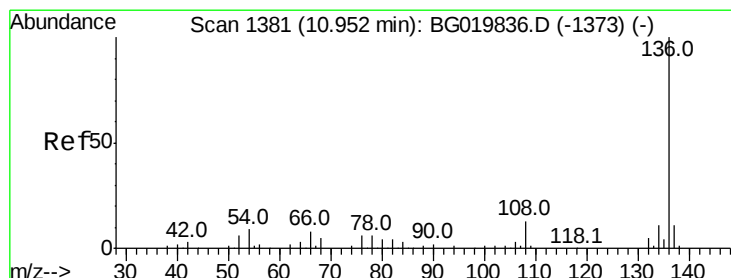
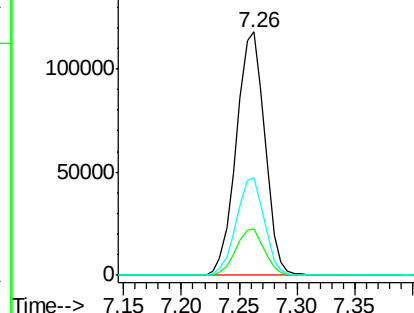
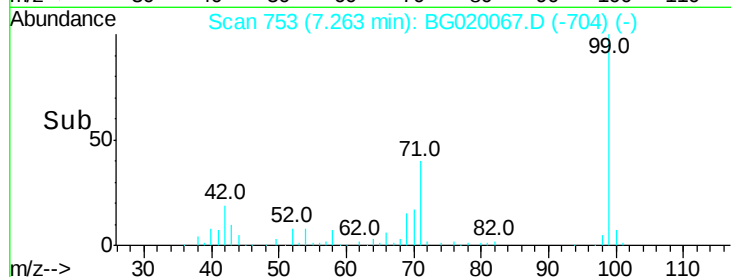
99 100

42 19.3 11.5 17.3#

71 40.0 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: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

Tgt Ion: 136 Resp: 81919

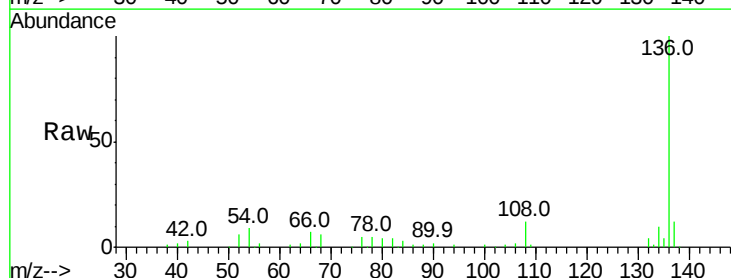
Ion Ratio Lower Upper

136 100

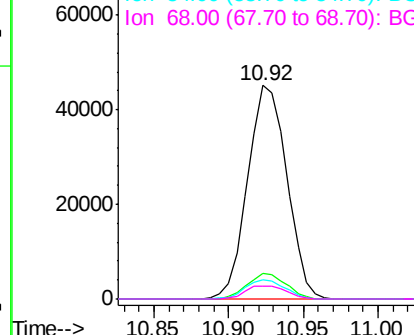
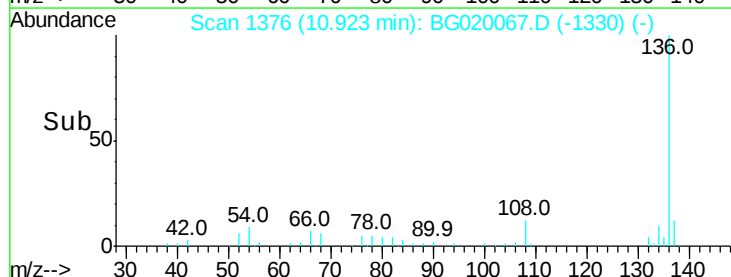
137 12.0 8.6 12.8

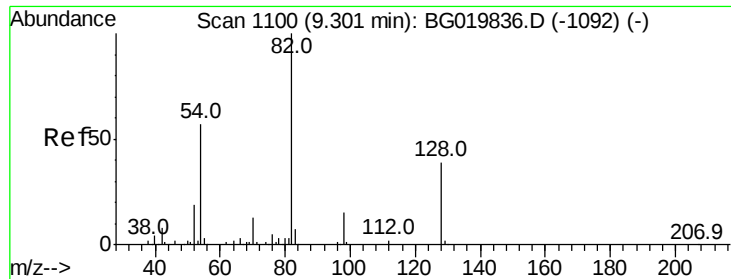
54 8.8 5.4 8.2#

68 6.2 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

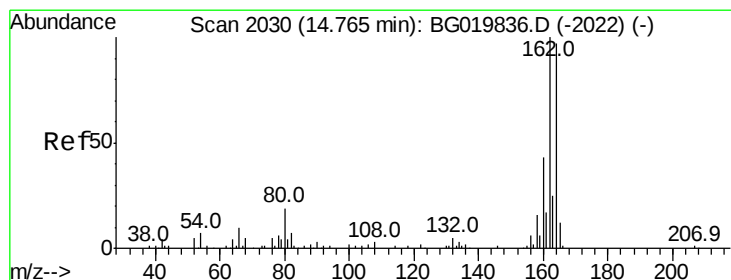
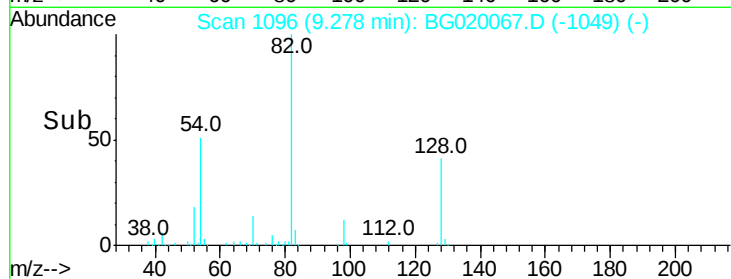
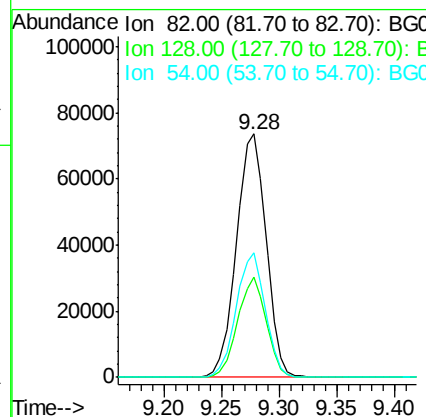
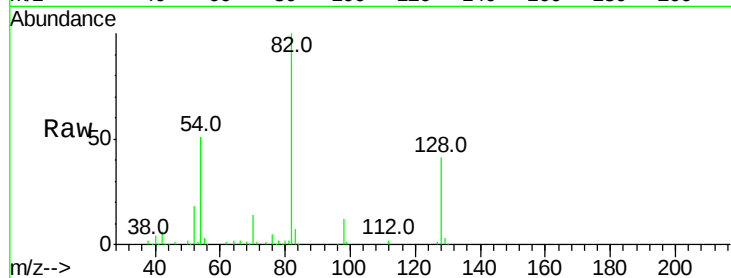




#23
Nitrobenzene-d5
Concen: 81.76 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

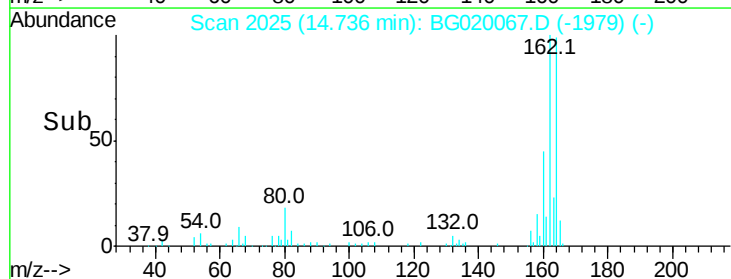
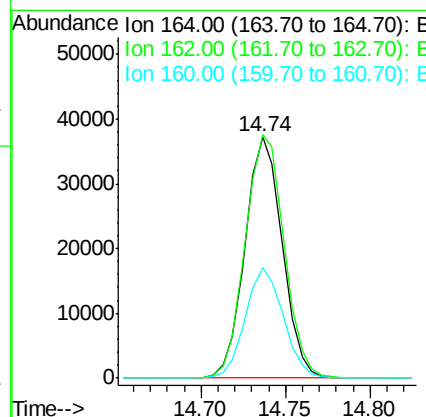
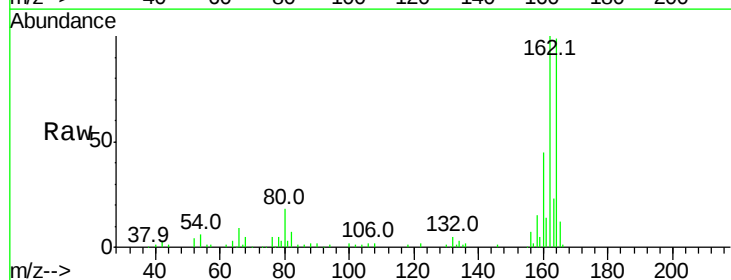
Instrument :
BNA_G
ClientSampleId :
S8-14.5

Tot Ion: 82 Resp: 131242
Ion Ratio Lower Upper
82 100
128 41.3 36.7 55.1
54 51.3 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020067.D
Acq: 10 Dec 2015 7:29

Tgt Ion:164 Resp: 57018
Ion Ratio Lower Upper
164 100
162 100.8 78.8 118.2
160 45.5 36.4 54.6

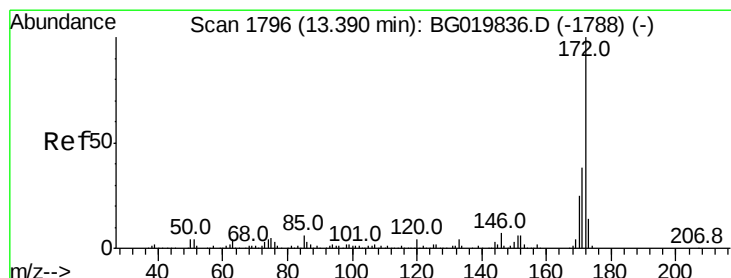
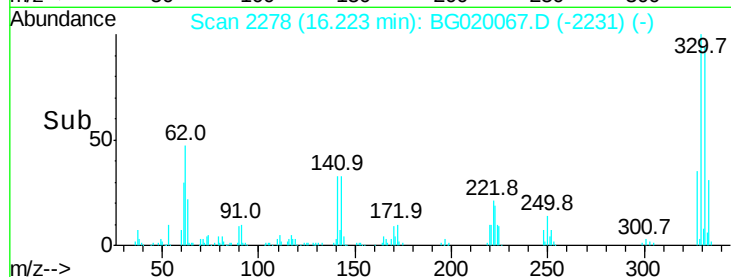
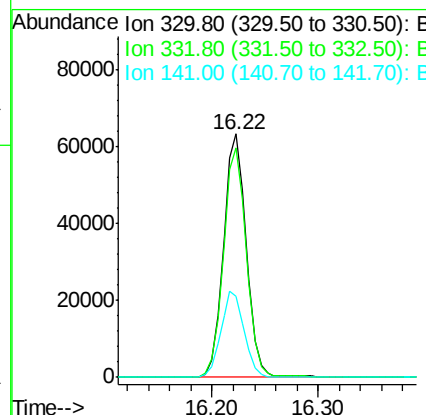
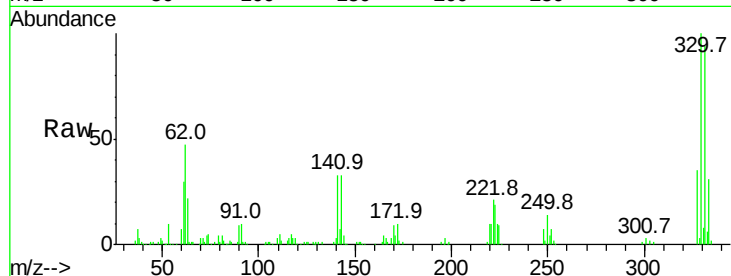




#41
 2,4,6-Tribromophenol
 Concen: 108.72 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020067.D
 Acq: 10 Dec 2015 7:29

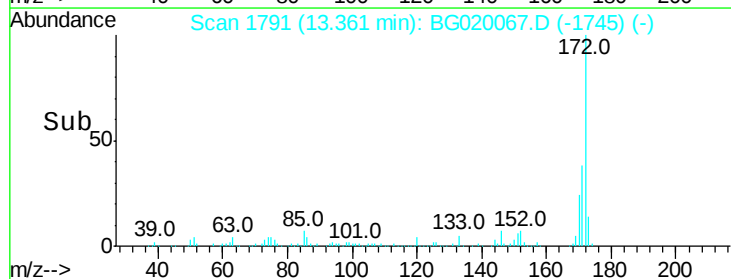
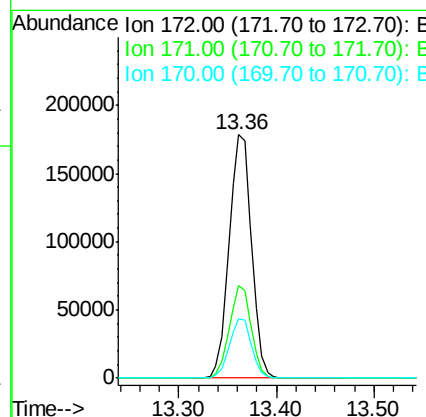
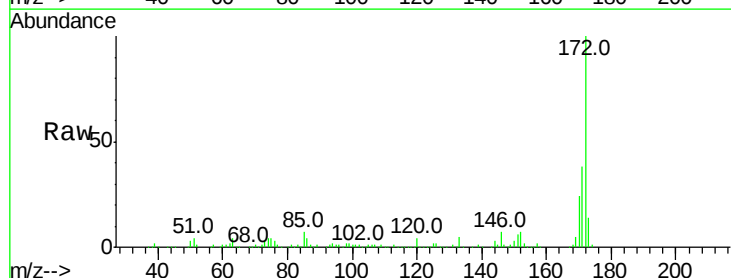
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5

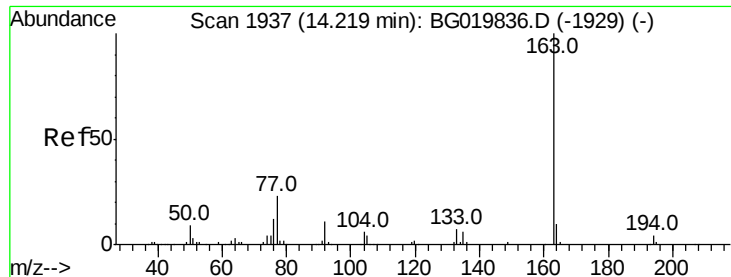
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	35.9	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 67.88 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020067.D
 Acq: 10 Dec 2015 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	24.4	19.9	29.9





#49

Dimethylphthalate

Concen: 17.56 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

Instrument :

BNA_G

ClientSampleId :

S8-14.5

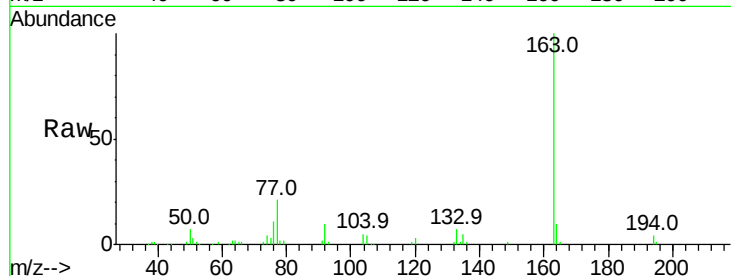
Tot Ion:163 Resp: 90048

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

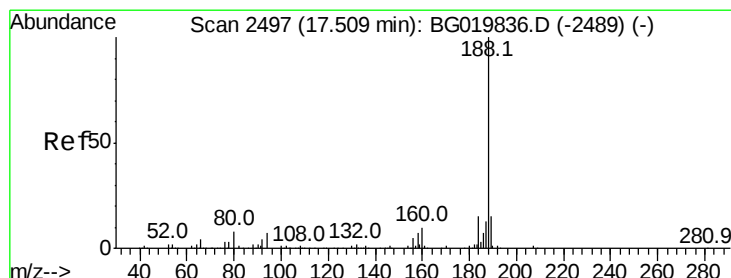
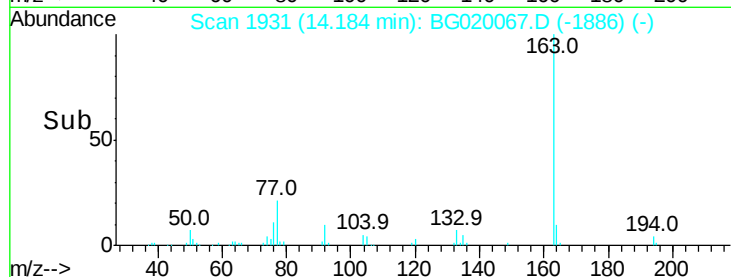
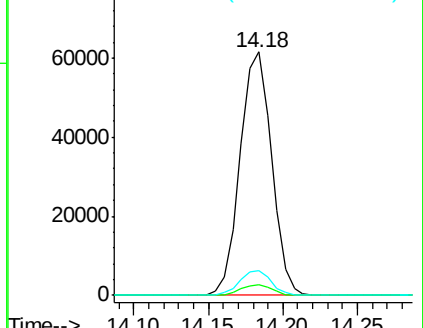
164 10.0 8.8 13.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

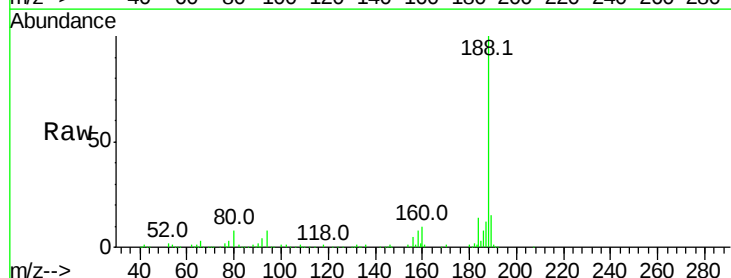
Tgt Ion:188 Resp: 135970

Ion Ratio Lower Upper

188 100

94 7.6 7.7 11.5#

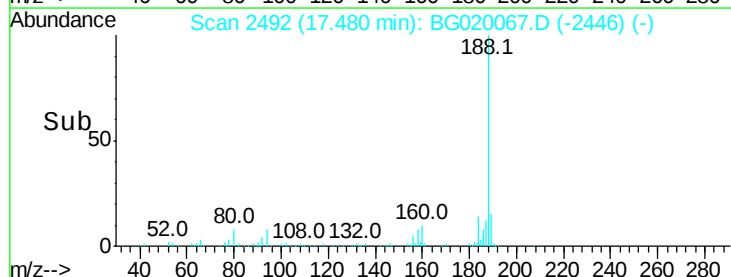
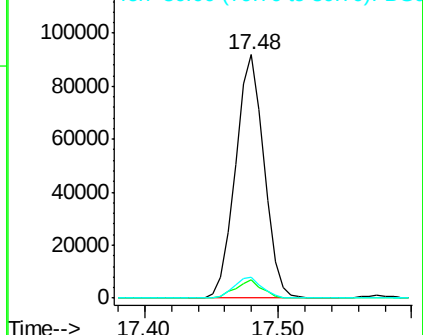
80 8.5 7.8 11.8

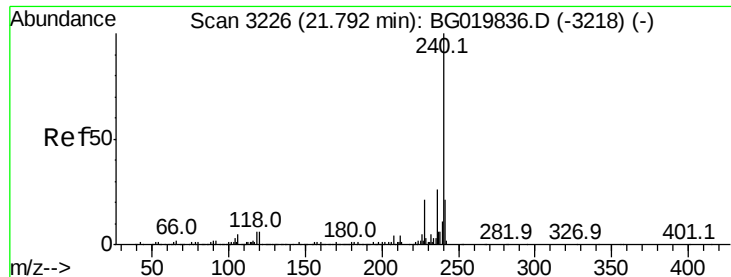


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

Instrument :

BNA_G

ClientSampled :

S8-14.5

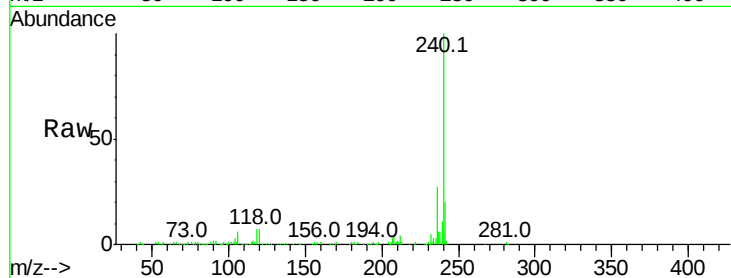
Tot Ion:240 Resp: 164780

Ion Ratio Lower Upper

240 100

120 6.7 7.4 11.0#

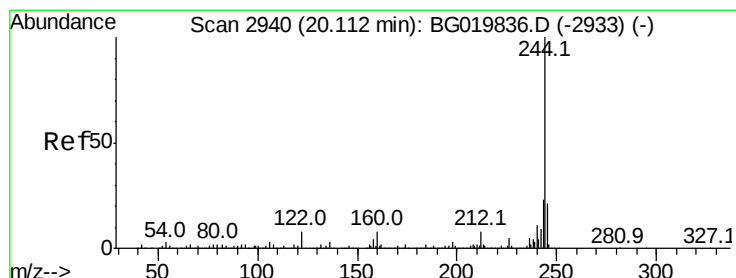
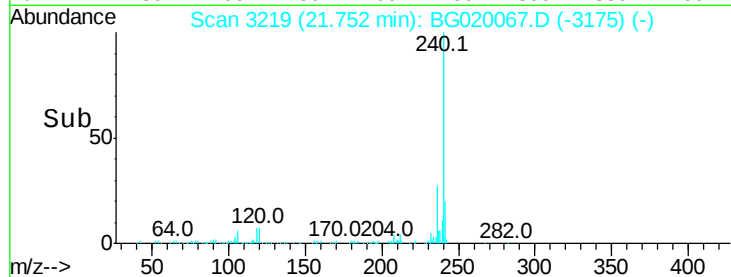
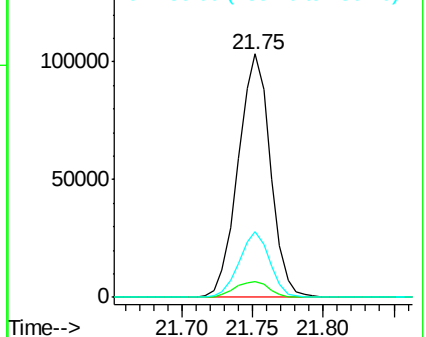
236 26.7 20.7 31.1



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: 68.30 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG020067.D

Acq: 10 Dec 2015 7:29

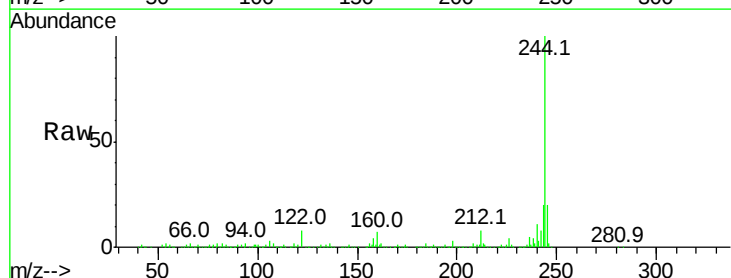
Tgt Ion:244 Resp: 461384

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

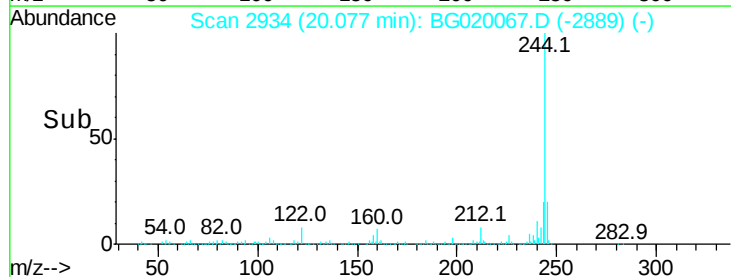
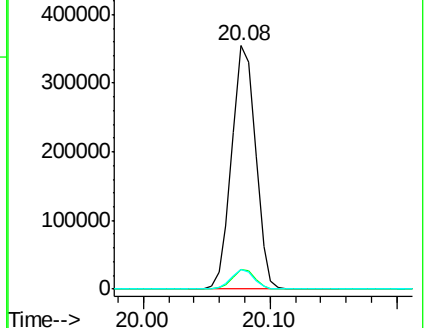
122 7.8 10.2 15.2#

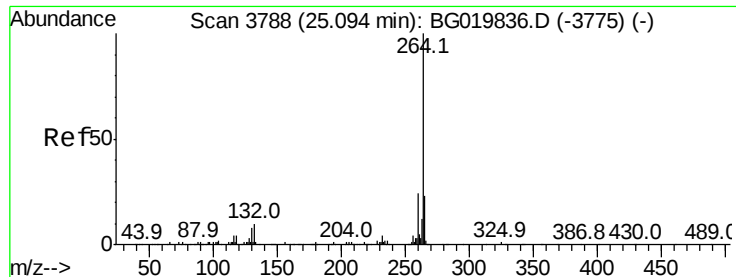


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.02 min Scan# 3776
 Delta R.T. -0.07 min
 Lab File: BG020067.D
 Acq: 10 Dec 2015 7:29

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	22.8	17.2	25.8

