

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020084.D
 Acq On : 10 Dec 2015 20:33
 Operator : UM/SJ
 Sample : G4683-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S11-15

Quant Time: Dec 11 04:49:02 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

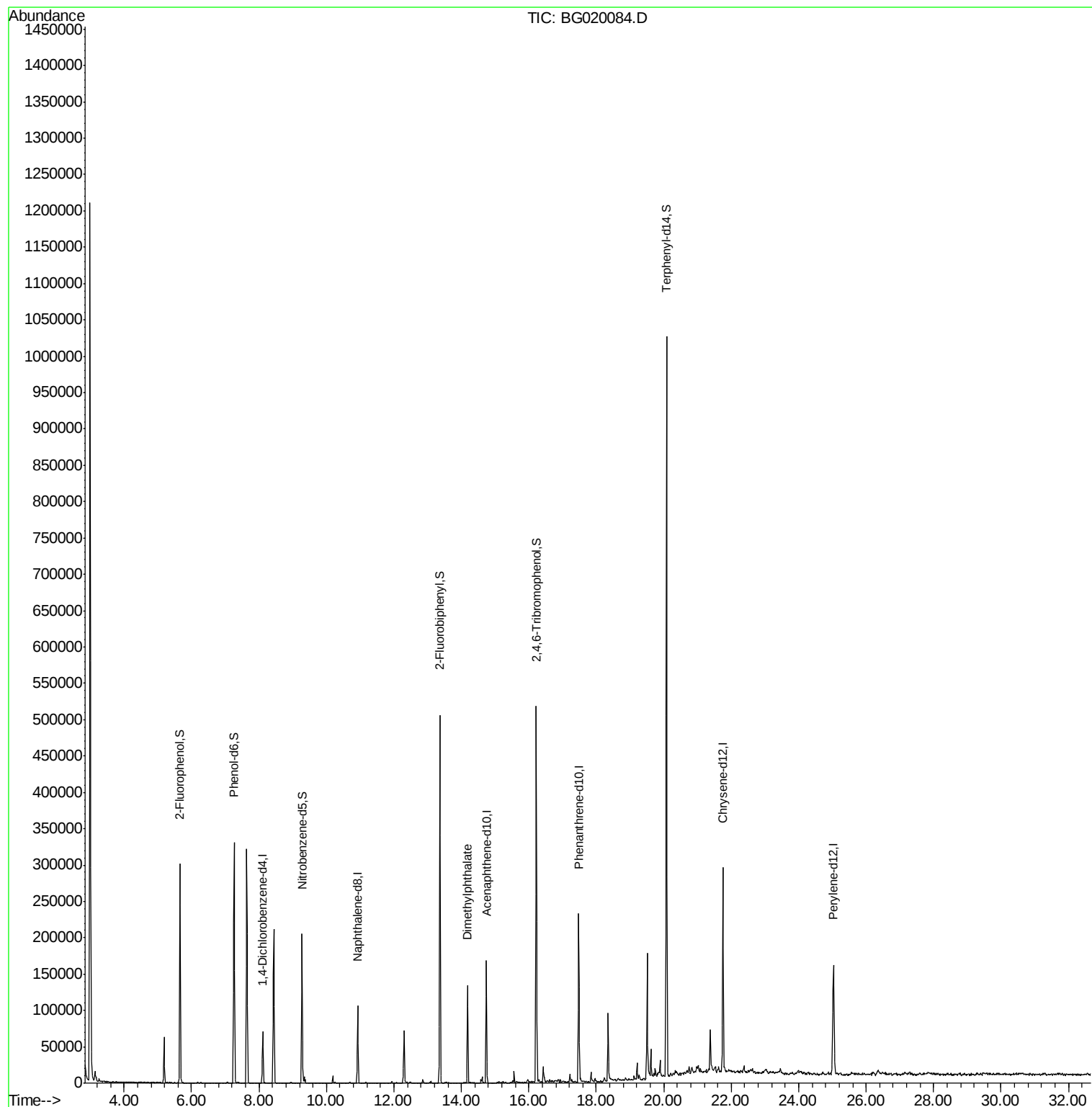
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19861	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	86727	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	58934	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	141453	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	173126	20.00	ng	-0.04
86) Perylene-d12	25.03	264	163708	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	123508	112.39	ng	-0.01
7) Phenol-d6	7.26	99	186570	112.45	ng	-0.01
23) Nitrobenzene-d5	9.28	82	125436	73.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	94721	105.04	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	264718	61.33	ng	-0.02
78) Terphenyl-d14	20.08	244	451191	63.57	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.18	163	84713	15.98	ng	Qvalue 99

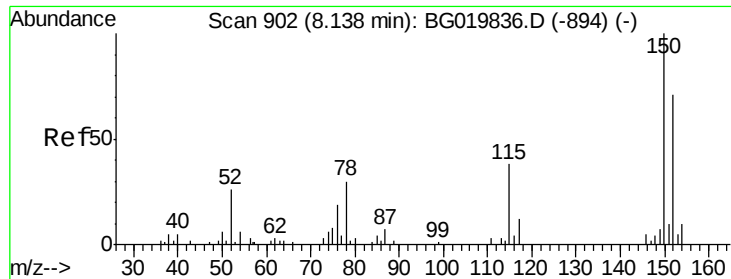
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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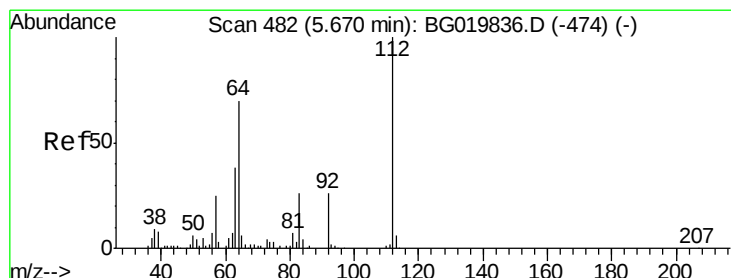
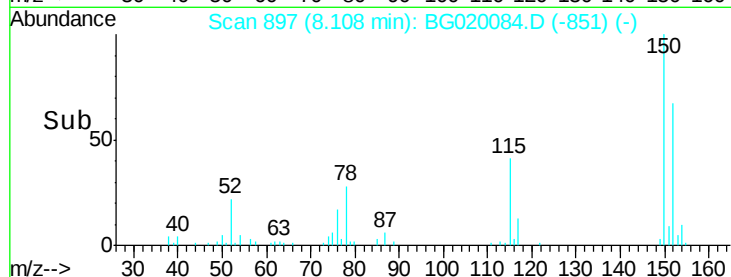
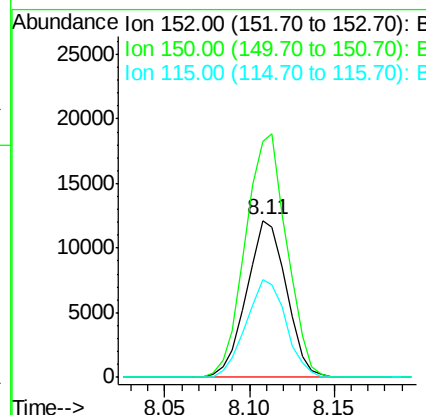
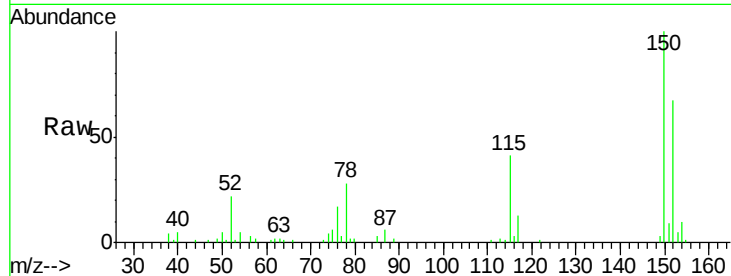




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020084.D
 Acq: 10 Dec 2015 20:33

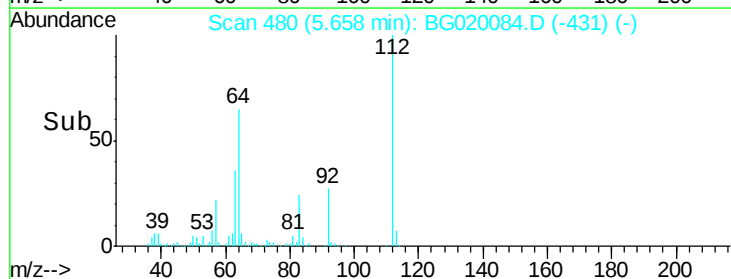
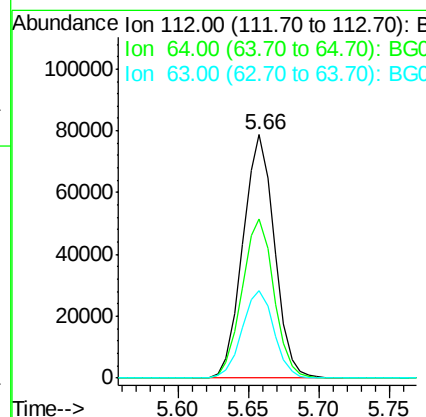
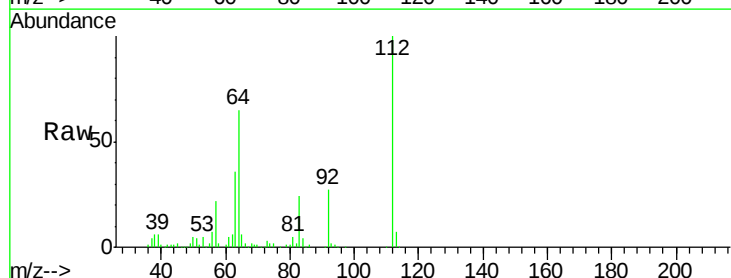
Instrument :
 BNA_G
 ClientSampleId :
 S11-15

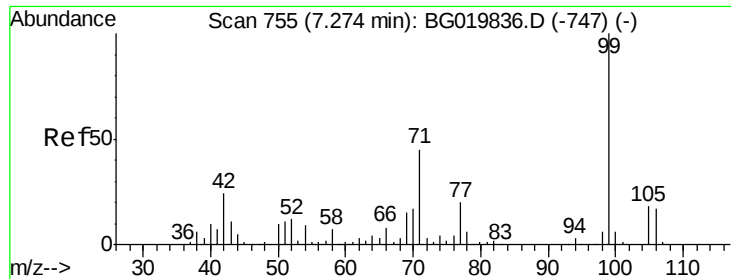
Tot Ion:152 Resp: 19861
 Ion Ratio Lower Upper
 152 100
 150 150.3 115.0 172.4
 115 61.9 43.9 65.9



#5
 2-Fluorophenol
 Concen: 112.39 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020084.D
 Acq: 10 Dec 2015 20:33

Tgt Ion:112 Resp: 123508
 Ion Ratio Lower Upper
 112 100
 64 65.3 43.7 65.5
 63 35.8 24.0 36.0





#7

Phenol-d6

Concen: 112.45 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020084.D

Acq: 10 Dec 2015 20:33

Instrument :

BNA_G

ClientSampled :

S11-15

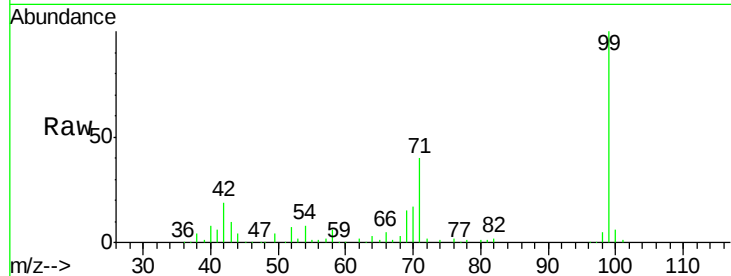
Tot Ion: 99 Resp: 186570

Ion Ratio Lower Upper

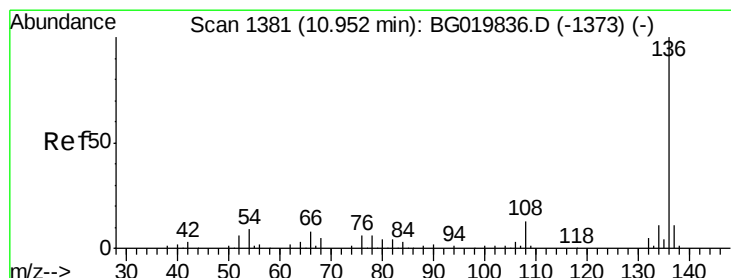
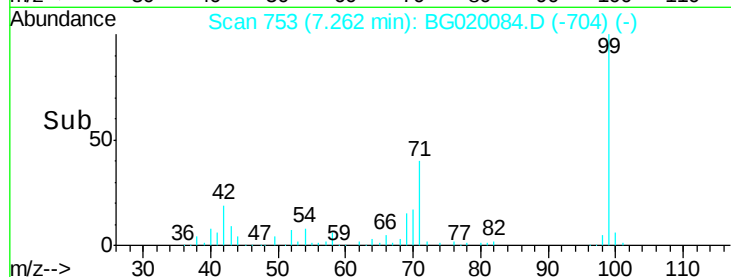
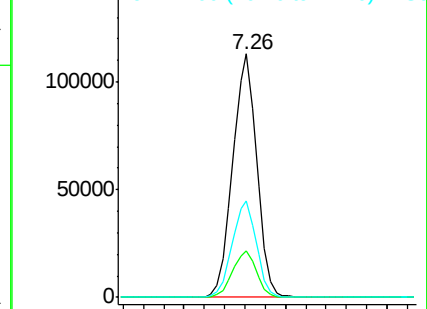
99 100

42 19.0 11.5 17.3#

71 39.5 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020084.D

Acq: 10 Dec 2015 20:33

Tgt Ion: 136 Resp: 86727

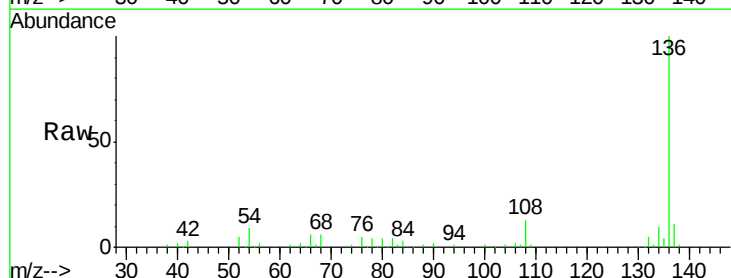
Ion Ratio Lower Upper

136 100

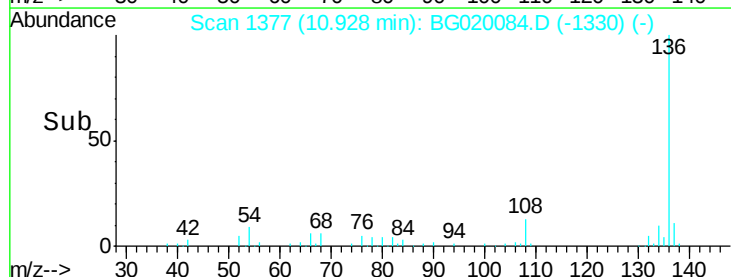
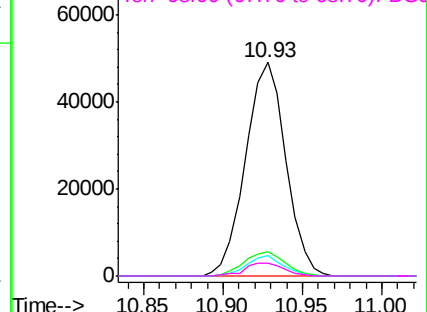
137 11.3 8.6 12.8

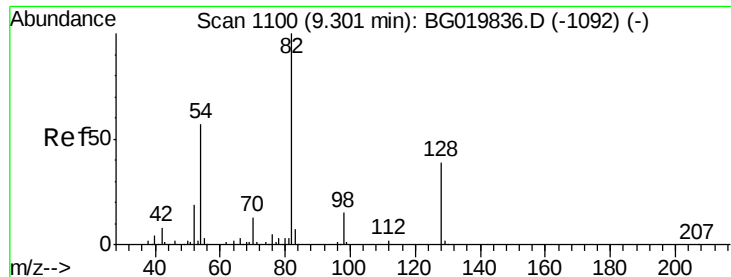
54 9.3 5.4 8.2#

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

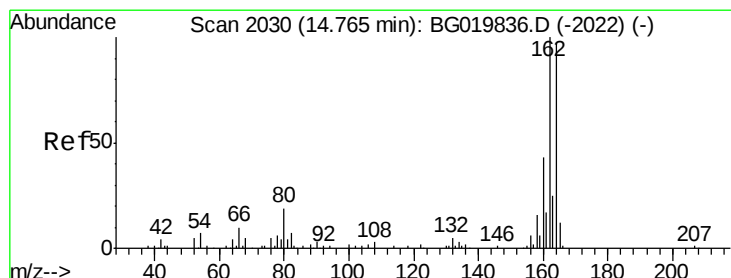
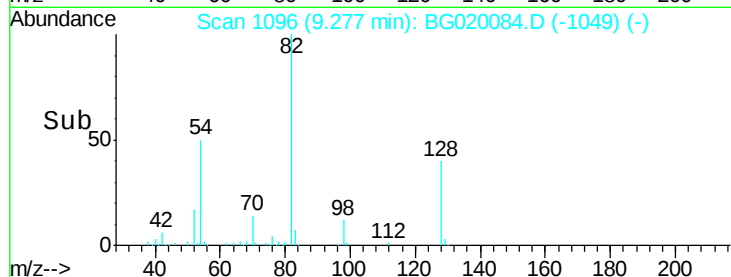
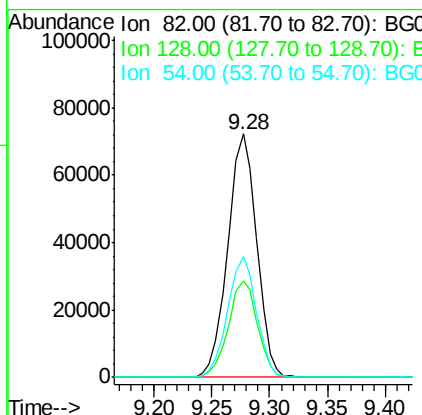
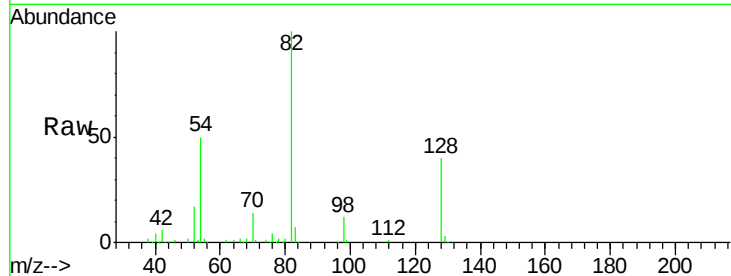




#23
Nitrobenzene-d5
Concen: 73.81 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020084.D
Acq: 10 Dec 2015 20:33

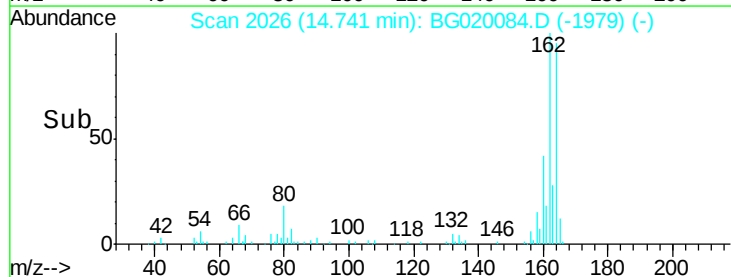
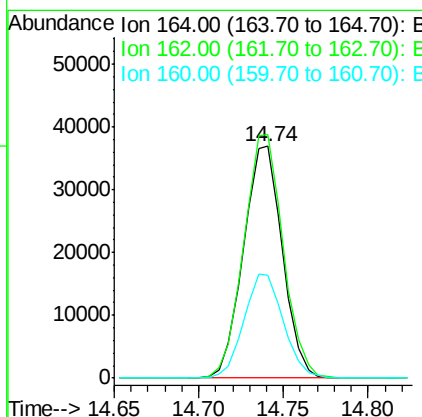
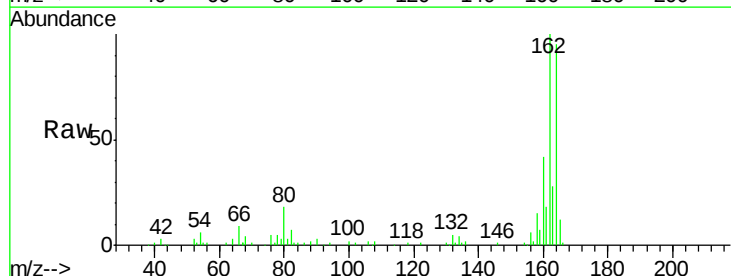
Instrument :
BNA_G
ClientSampleId :
S11-15

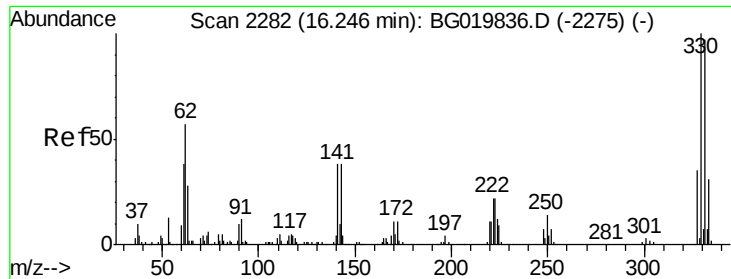
Tot Ion	82	Resp	125436
Ion Ratio	Lower	Upper	
82	100		
128	39.7	36.7	55.1
54	49.8	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020084.D
Acq: 10 Dec 2015 20:33

Tgt Ion	164	Resp	58934
Ion Ratio	Lower	Upper	
164	100		
162	105.1	78.8	118.2
160	44.4	36.4	54.6

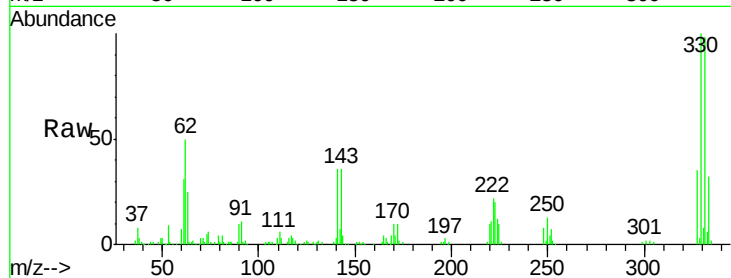




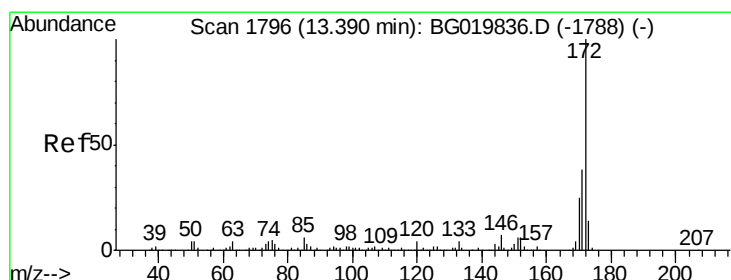
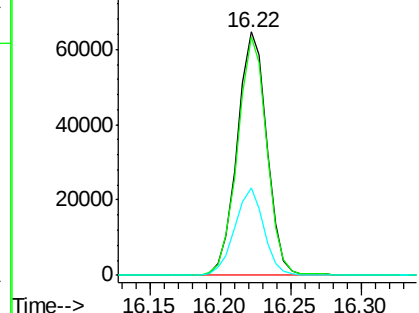
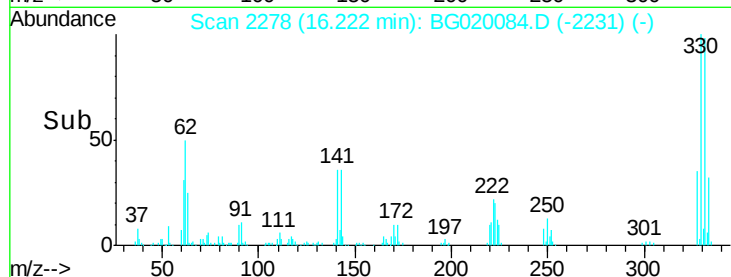
#41
 2,4,6-Tribromophenol
 Concen: 105.04 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020084.D
 Acq: 10 Dec 2015 20:33

Instrument :
 BNA_G
 ClientSampleId :
 S11-15

Tot Ion:330 Resp: 94721
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.1 117.1
 141 35.2 28.2 42.2

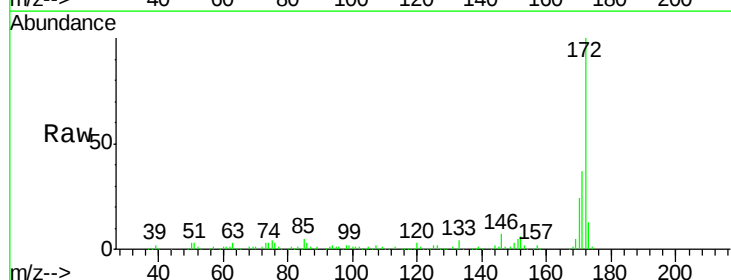


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

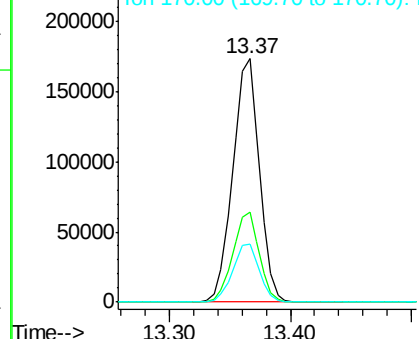
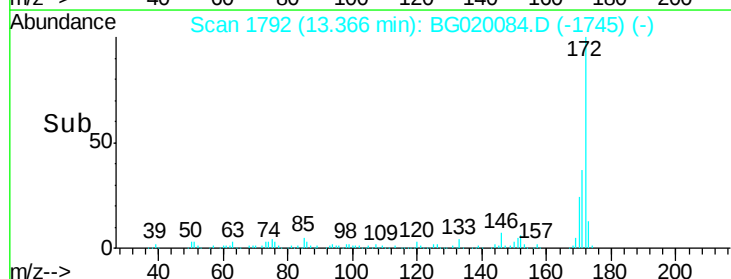


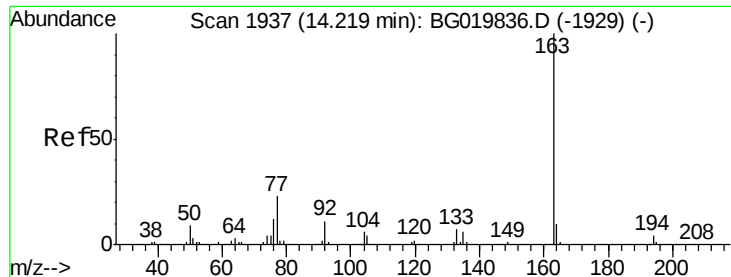
#44
 2-Fluorobiphenyl
 Concen: 61.33 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020084.D
 Acq: 10 Dec 2015 20:33

Tgt Ion:172 Resp: 264718
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 24.0 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: 15.98 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG020084.D

Acq: 10 Dec 2015 20:33

Instrument :

BNA_G

ClientSampleId :

S11-15

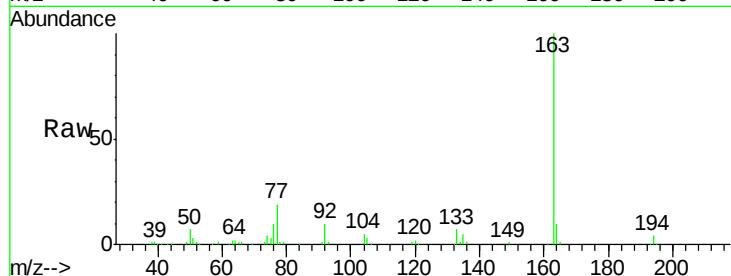
Tot Ion:163 Resp: 84713

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

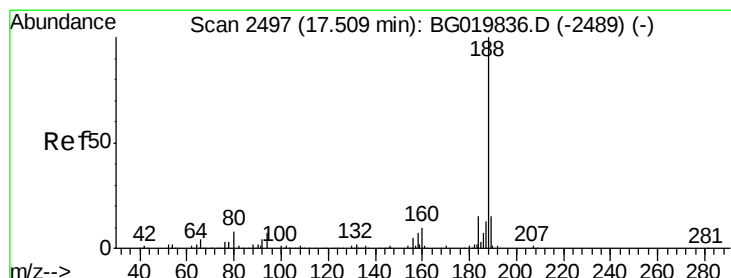
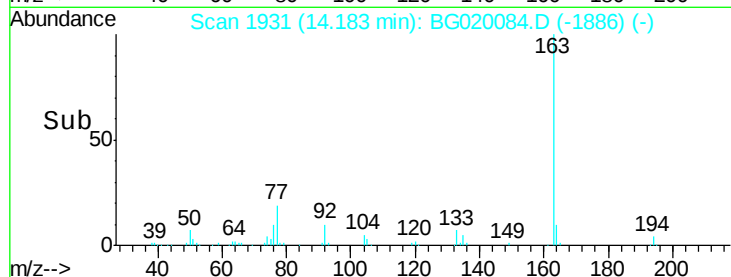
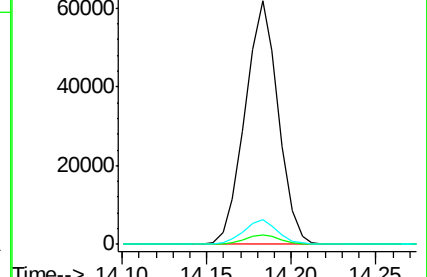
164 10.3 8.8 13.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020084.D

Acq: 10 Dec 2015 20:33

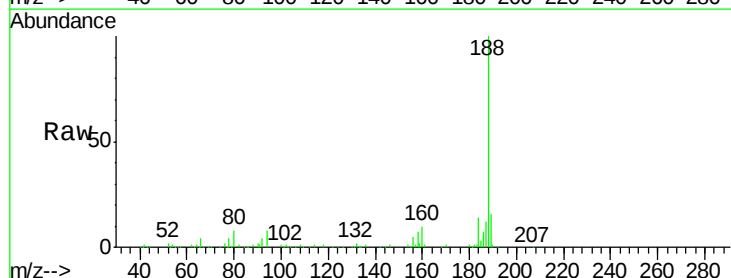
Tgt Ion:188 Resp: 141453

Ion Ratio Lower Upper

188 100

94 7.6 7.7 11.5#

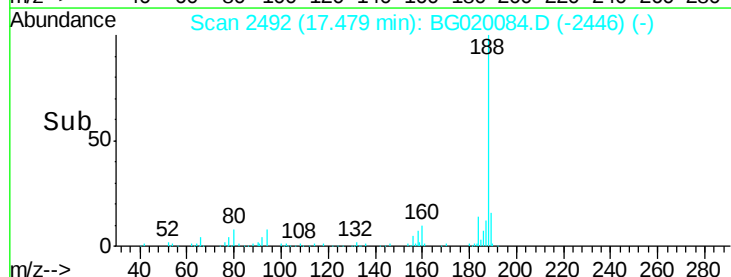
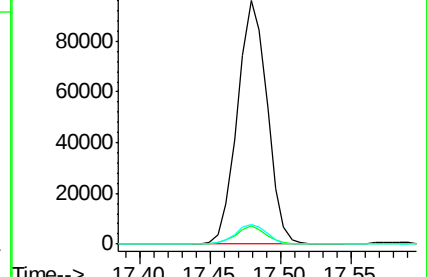
80 7.9 7.8 11.8

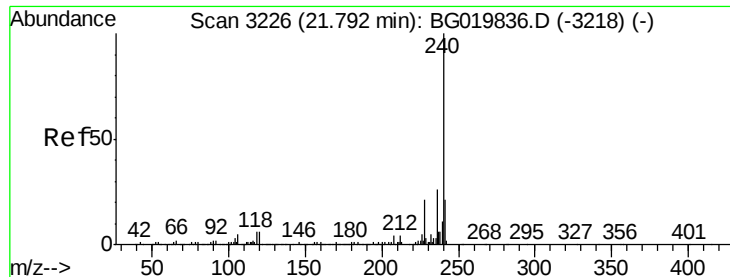


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020084.D

Acq: 10 Dec 2015 20:33

Instrument :

BNA_G

ClientSampleId :

S11-15

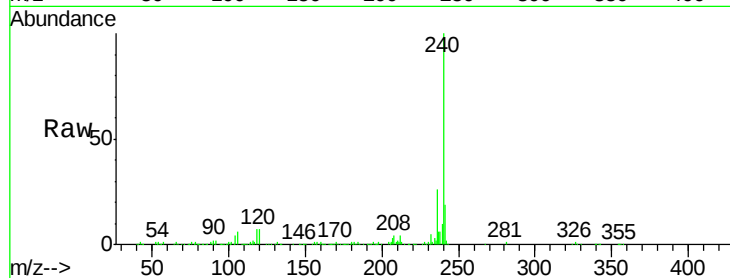
Tot Ion:240 Resp: 173126

Ion Ratio Lower Upper

240 100

120 7.3 7.4 11.0#

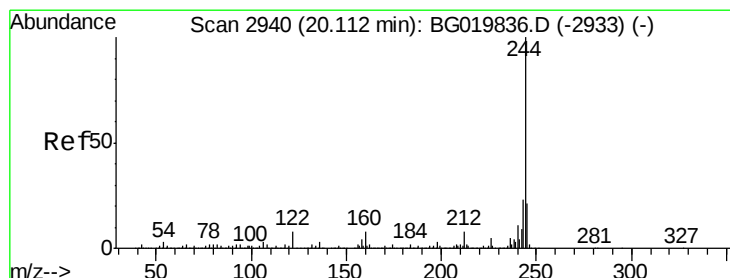
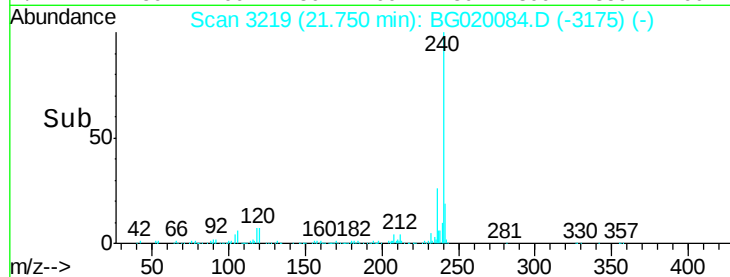
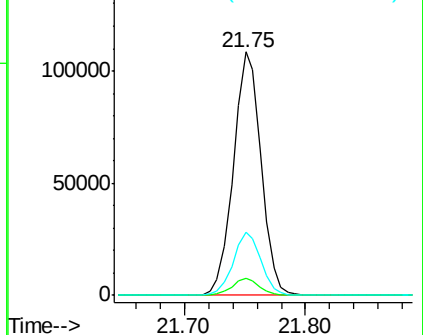
236 25.7 20.7 31.1



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: 63.57 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020084.D

Acq: 10 Dec 2015 20:33

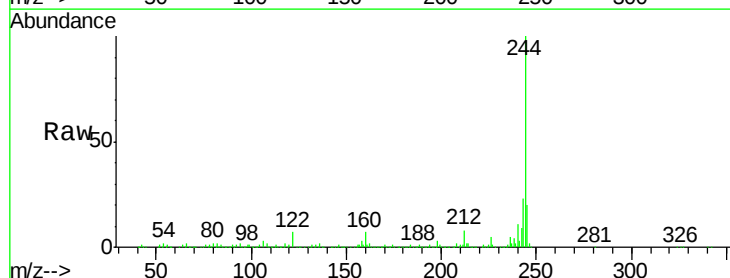
Tgt Ion:244 Resp: 451191

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

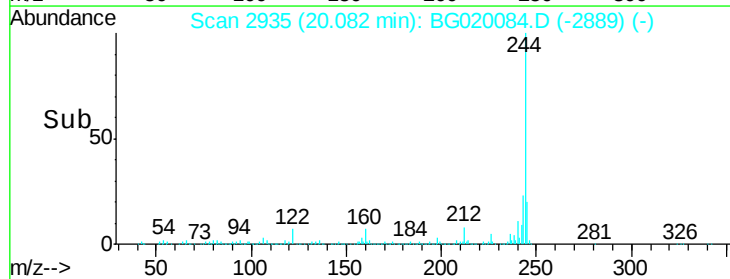
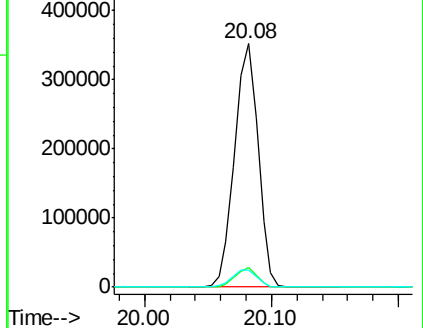
122 7.1 10.2 15.2#

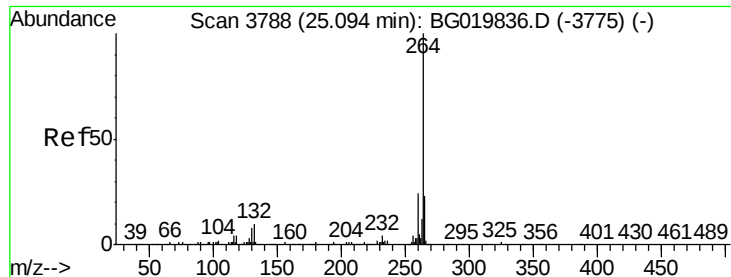


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

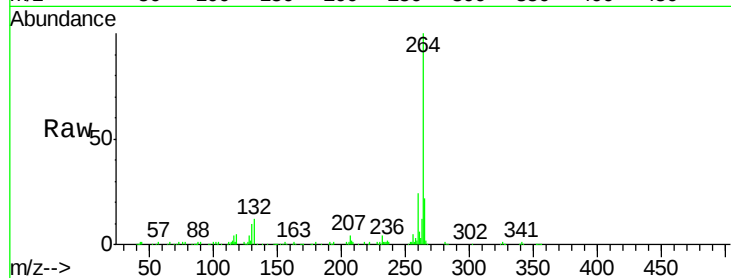




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.07 min
 Lab File: BG020084.D
 Acq: 10 Dec 2015 20:33

Instrument :
 BNA_G
 ClientSampleId :
 S11-15

Tot Ion:	264	Resp:	163708
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.1	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

