

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
 Data File : BG020051.D
 Acq On : 9 Dec 2015 19:56
 Operator : UM/SJ
 Sample : G4659-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-2C

Quant Time: Dec 10 00:52:12 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

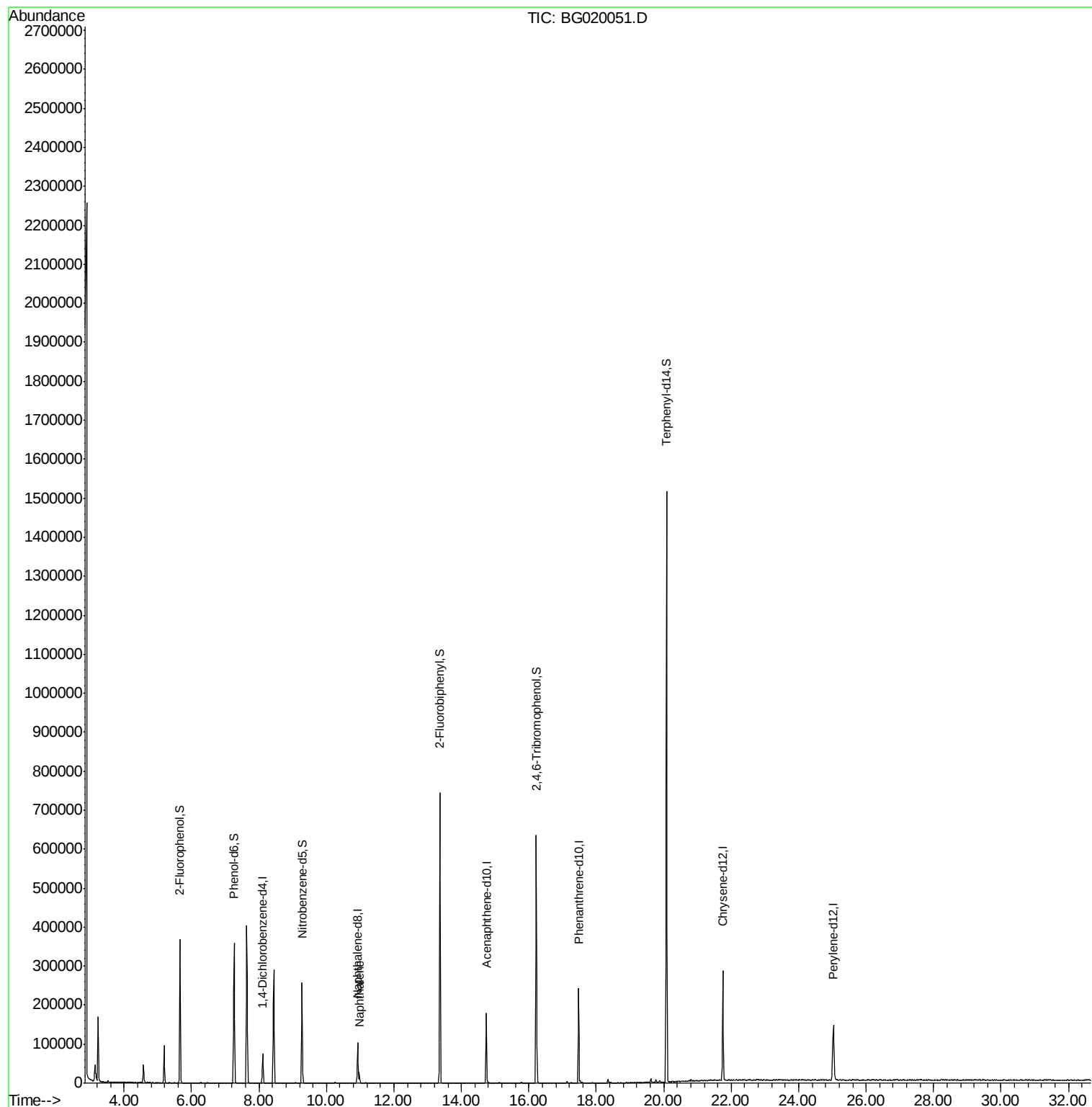
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20468	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	88001	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	60872	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	148165	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	179788	20.00	ng	-0.04
86) Perylene-d12	25.03	264	162275	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	149025	131.59	ng	-0.01
7) Phenol-d6	7.26	99	199712	116.80	ng	-0.01
23) Nitrobenzene-d5	9.28	82	158202	91.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	119684	128.50	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	388591	87.16	ng	-0.02
78) Terphenyl-d14	20.08	244	671689	91.13	ng	-0.03
Target Compounds						
31) Naphthalene	10.98	128	24521	5.20	ng	Qvalue 98

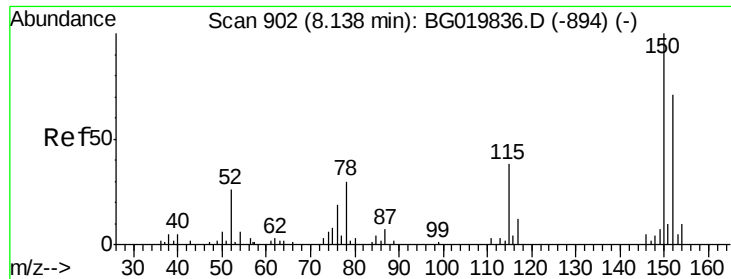
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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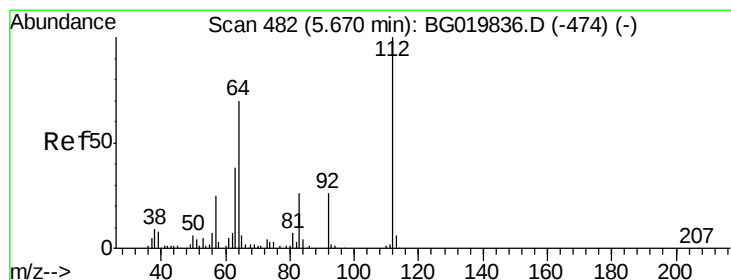
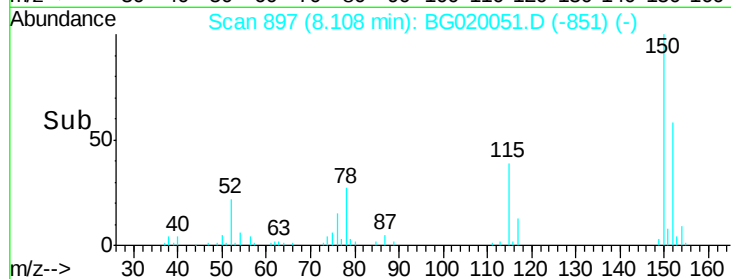
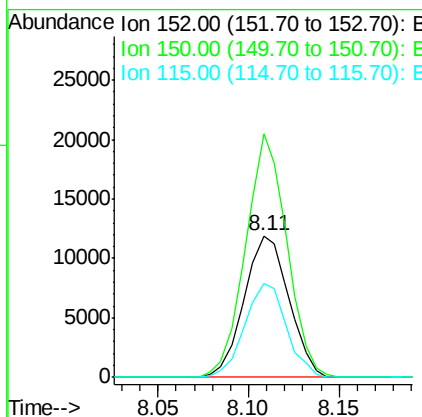
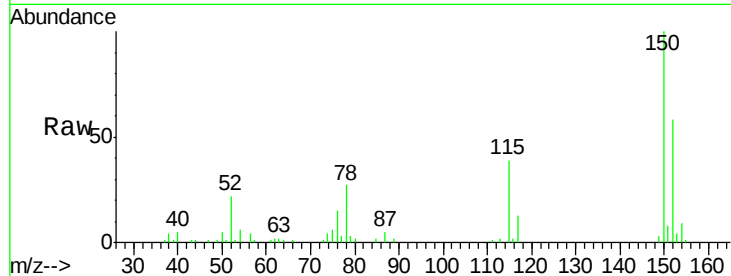




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020051.D
 Acq: 9 Dec 2015 19:56

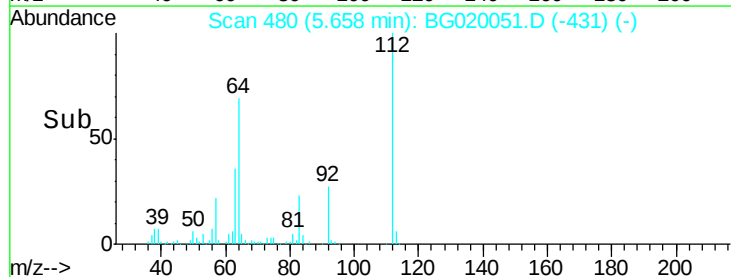
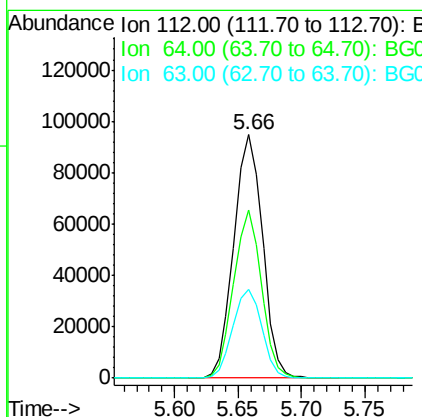
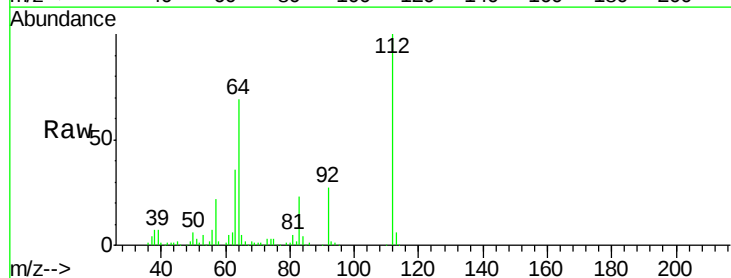
Instrument :
 BNA_G
 ClientSampled :
 A8-2C

Tgt Ion:152 Resp: 20468
 Ion Ratio Lower Upper
 152 100
 150 171.8 115.0 172.4
 115 66.5 43.9 65.9#



#5
 2-Fluorophenol
 Concen: 131.59 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020051.D
 Acq: 9 Dec 2015 19:56

Tgt Ion:112 Resp: 149025
 Ion Ratio Lower Upper
 112 100
 64 68.9 43.7 65.5#
 63 36.4 24.0 36.0#





#7

Phenol-d6

Concen: 116.80 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020051.D

Acq: 9 Dec 2015 19:56

Instrument :

BNA_G

ClientSampleId :

A8-2C

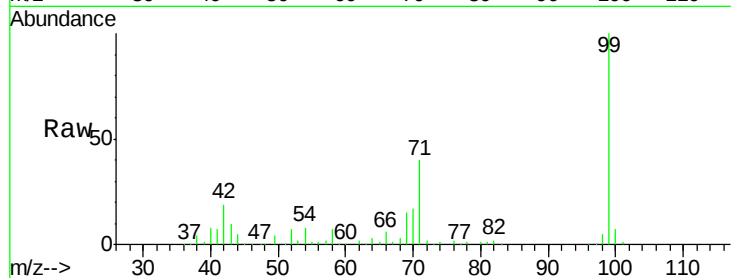
Tgt Ion: 99 Resp: 199712

Ion Ratio Lower Upper

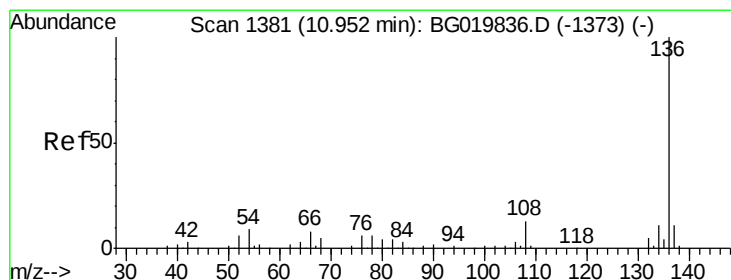
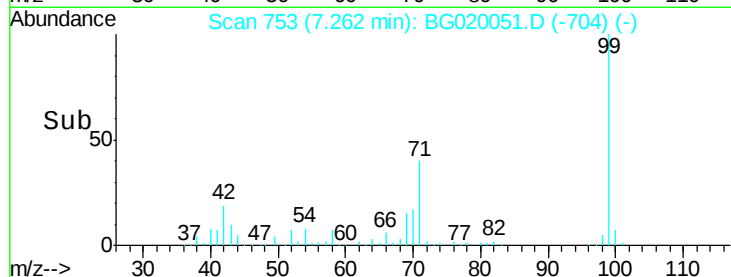
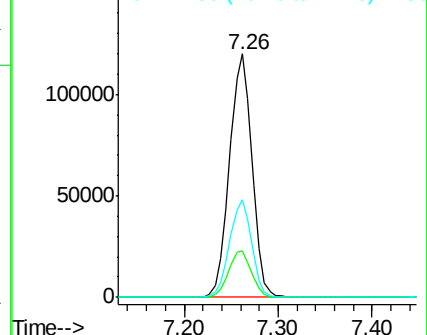
99 100

42 19.4 11.5 17.3#

71 40.1 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020051.D

Acq: 9 Dec 2015 19:56

Tgt Ion: 136 Resp: 88001

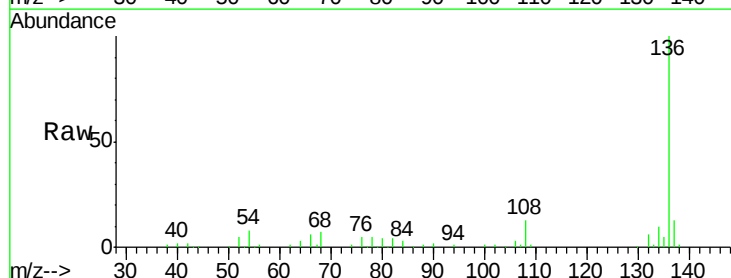
Ion Ratio Lower Upper

136 100

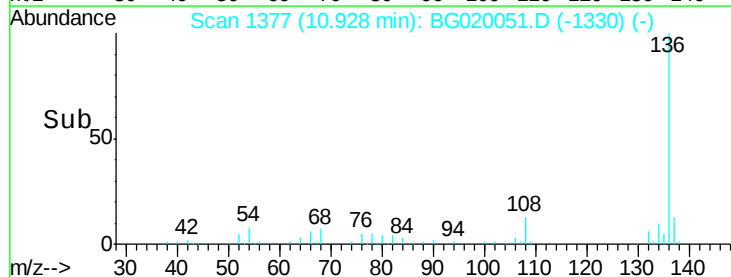
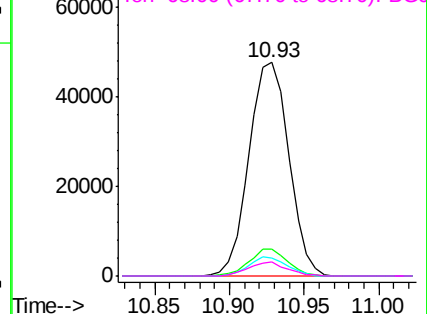
137 12.8 8.6 12.8

54 8.3 5.4 8.2#

68 6.6 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

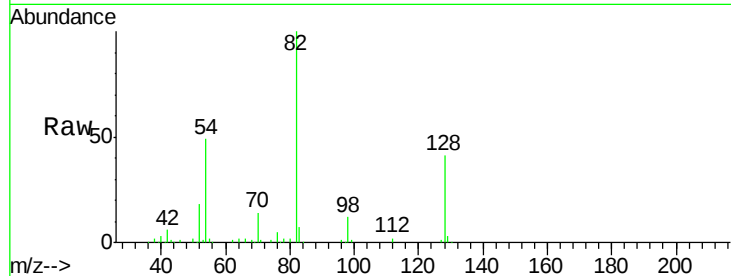




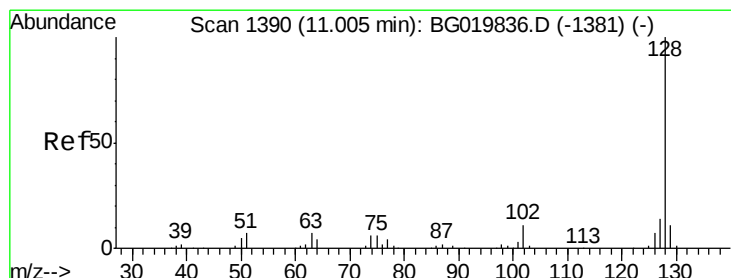
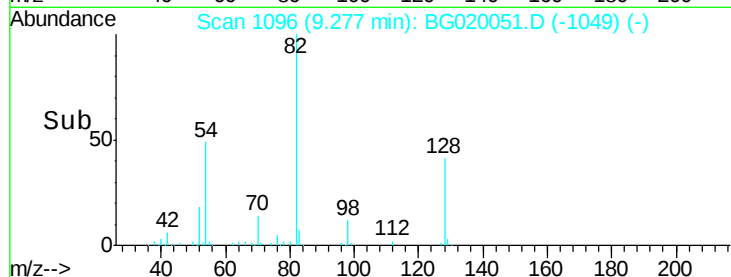
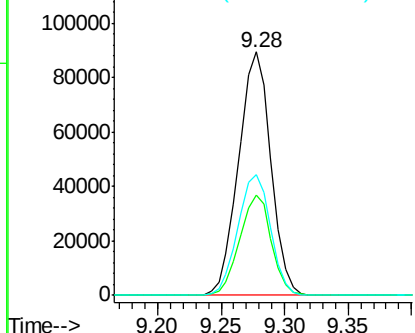
#23
Nitrobenzene-d5
Concen: 91.75 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020051.D
Acq: 9 Dec 2015 19:56

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.7	55.1
54	49.4	33.8	50.8

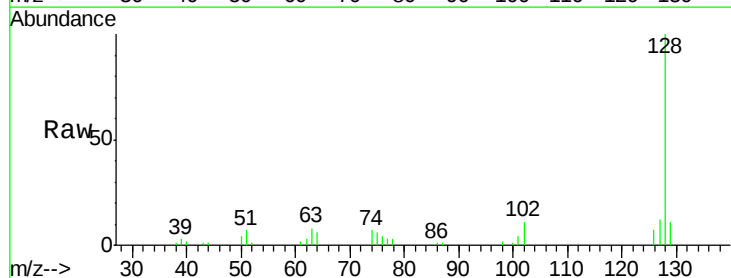


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

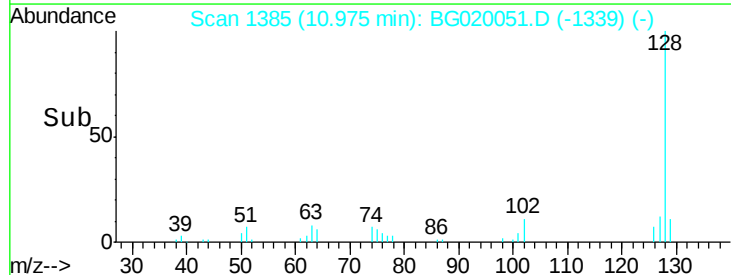
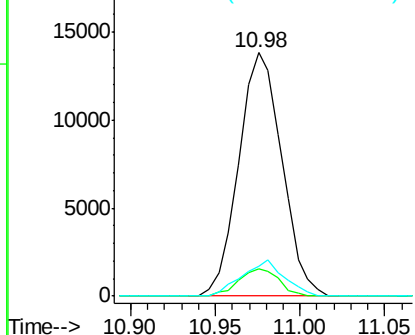


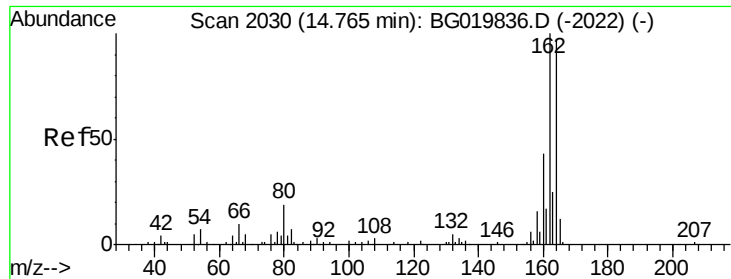
#31
Naphthalene
Concen: 5.20 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020051.D
Acq: 9 Dec 2015 19:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	12.4	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG020051.D

Acq: 9 Dec 2015 19:56

Instrument :

BNA_G

ClientSampleId :

A8-2C

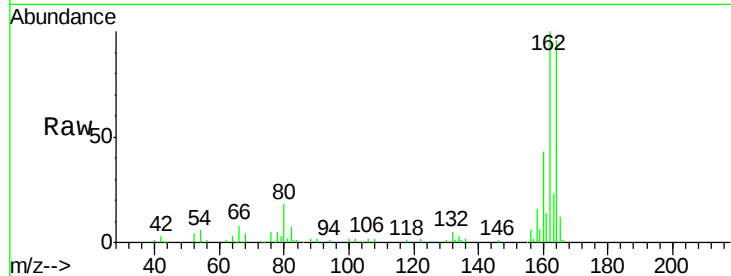
Tgt Ion:164 Resp: 60872

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

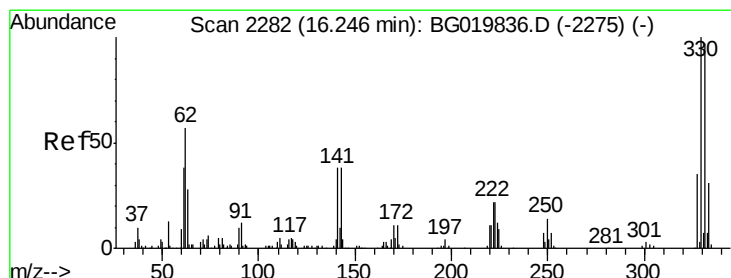
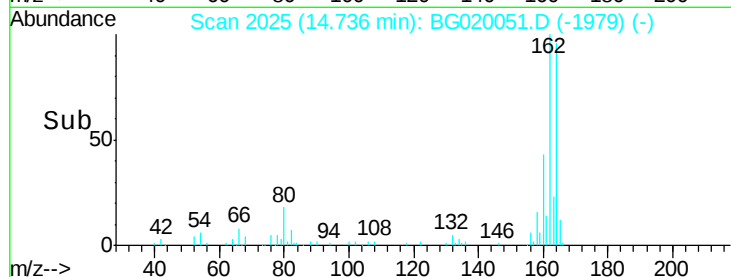
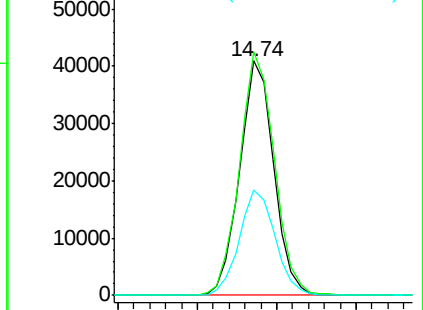
160 44.7 36.4 54.6



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: 128.50 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020051.D

Acq: 9 Dec 2015 19:56

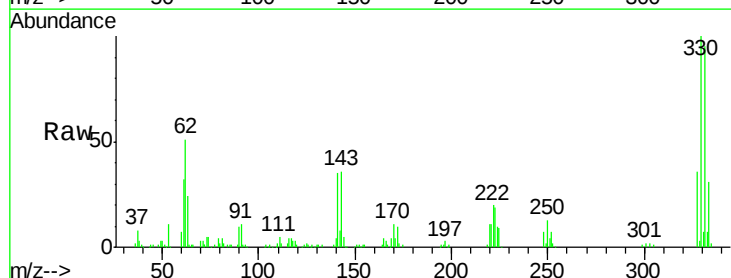
Tgt Ion:330 Resp: 119684

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

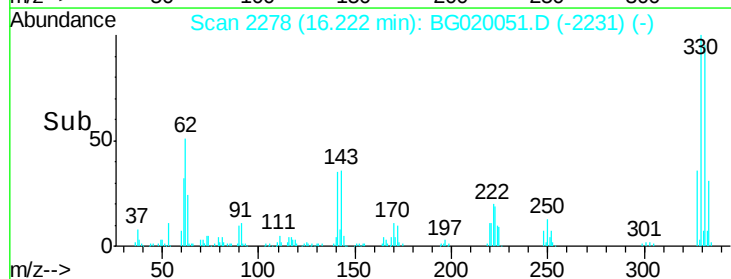
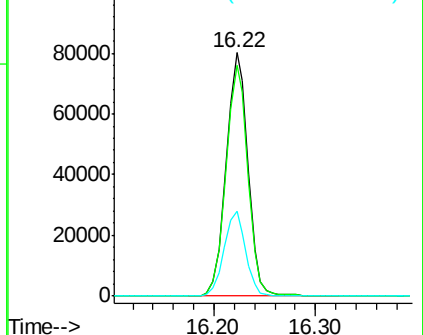
141 34.6 28.2 42.2

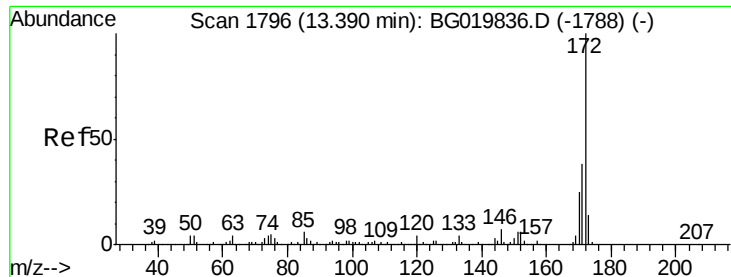


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

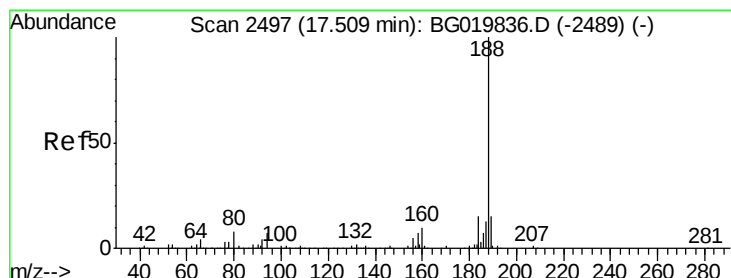
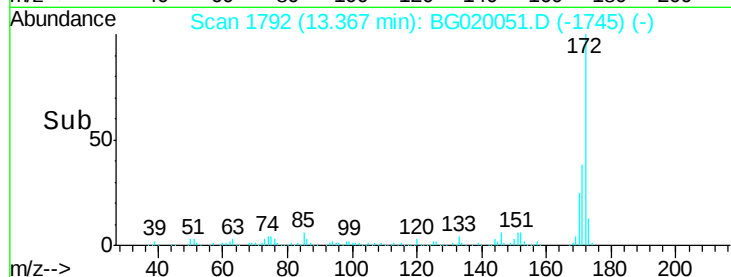
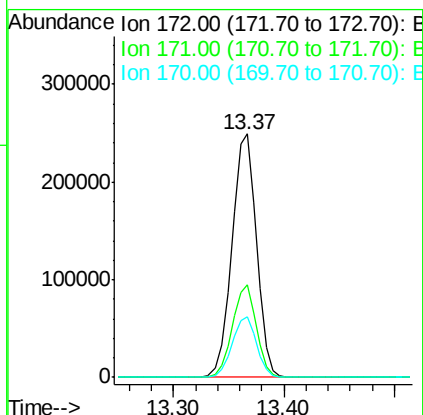
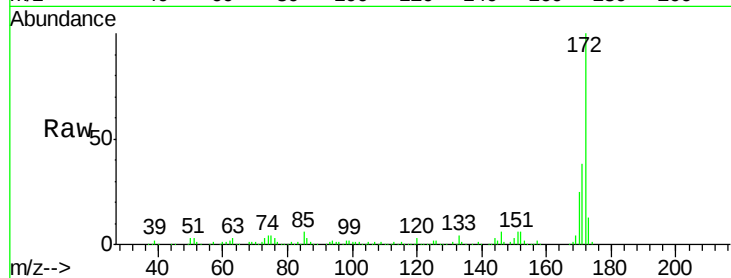




#44
2-Fluorobiphenyl
Concen: 87.16 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020051.D
Acq: 9 Dec 2015 19:56

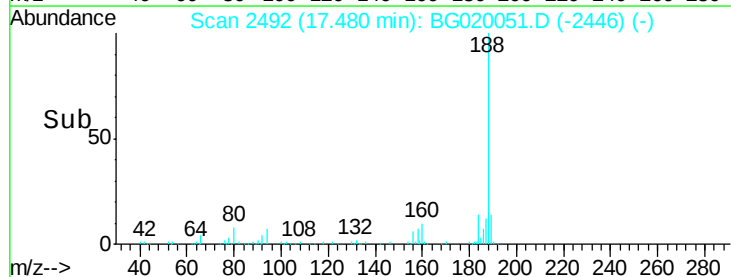
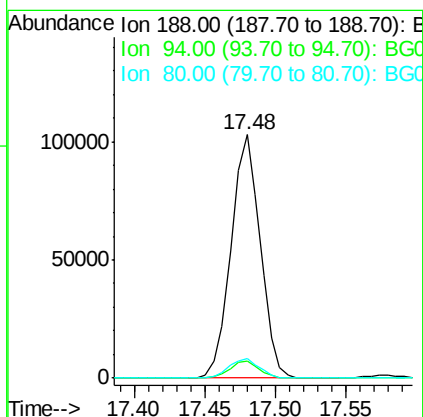
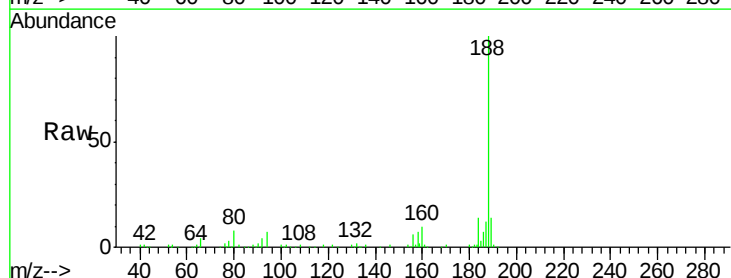
Instrument :
BNA_G
ClientSampleId :
A8-2C

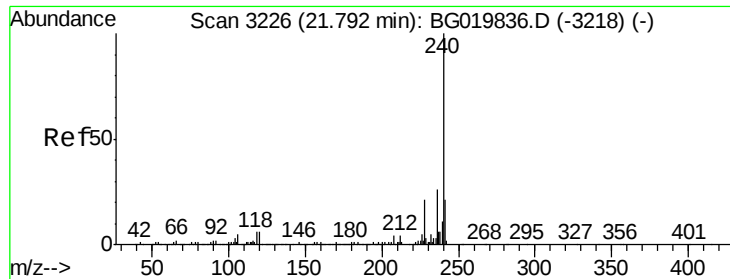
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	25.0	19.9	29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020051.D
Acq: 9 Dec 2015 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.7	11.5#
80	8.0	7.8	11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020051.D

Acq: 9 Dec 2015 19:56

Instrument :

BNA_G

ClientSampled :

A8-2C

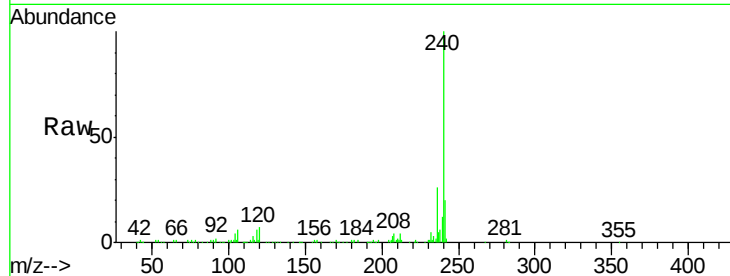
Tgt Ion:240 Resp: 179788

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

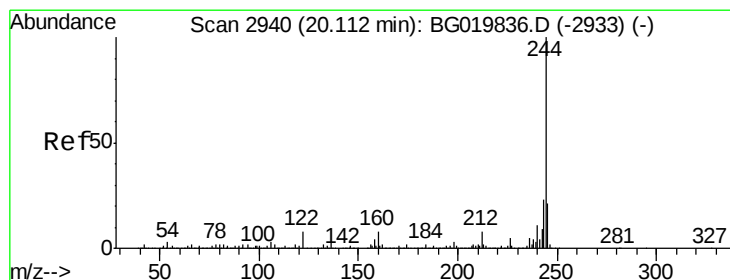
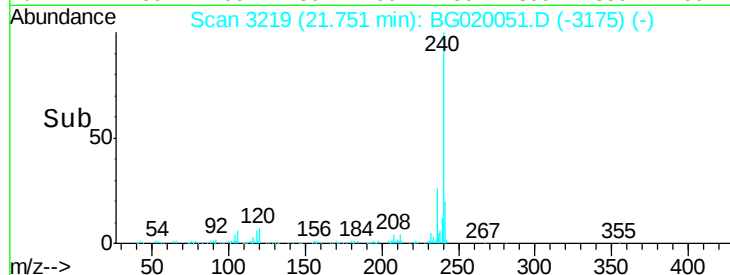
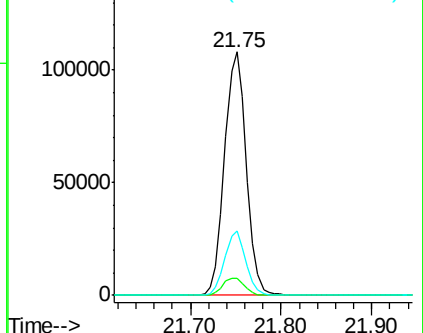
236 26.2 20.7 31.1



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: 91.13 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020051.D

Acq: 9 Dec 2015 19:56

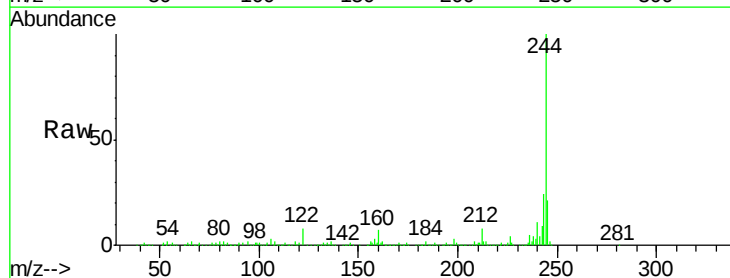
Tgt Ion:244 Resp: 671689

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

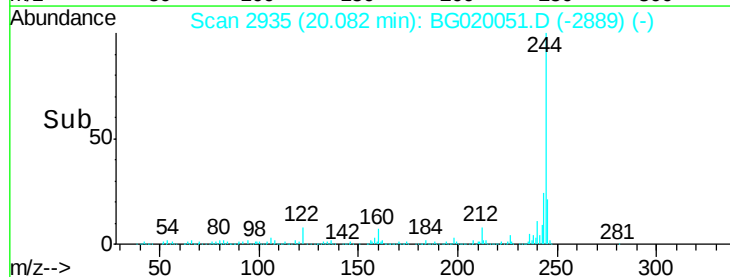
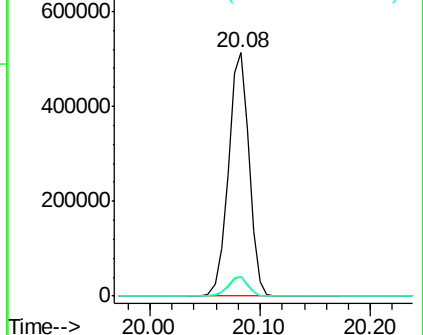
122 7.9 10.2 15.2#

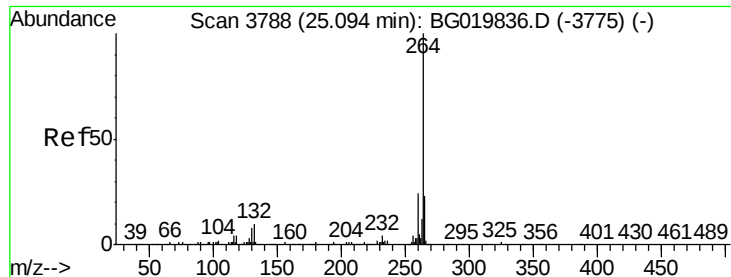


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.03 min Scan# 3777
Delta R.T. -0.06 min
Lab File: BG020051.D
Acq: 9 Dec 2015 19:56

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.7	17.2	25.8

