

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020026.D
 Acq On : 9 Dec 2015 3:36
 Operator : UM/SJ
 Sample : PB87151BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87151BL

Quant Time: Dec 09 07:12:52 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	16475	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	75118	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56414	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	139200	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	170810	20.00	ng	-0.04
86) Perylene-d12	25.03	264	159092	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	87161	95.62	ng	-0.01
7) Phenol-d6	7.26	99	132484	96.26	ng	-0.02
23) Nitrobenzene-d5	9.28	82	125158	85.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	67405	78.09	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	327886	79.36	ng	-0.02
78) Terphenyl-d14	20.08	244	598495	85.47	ng	-0.03

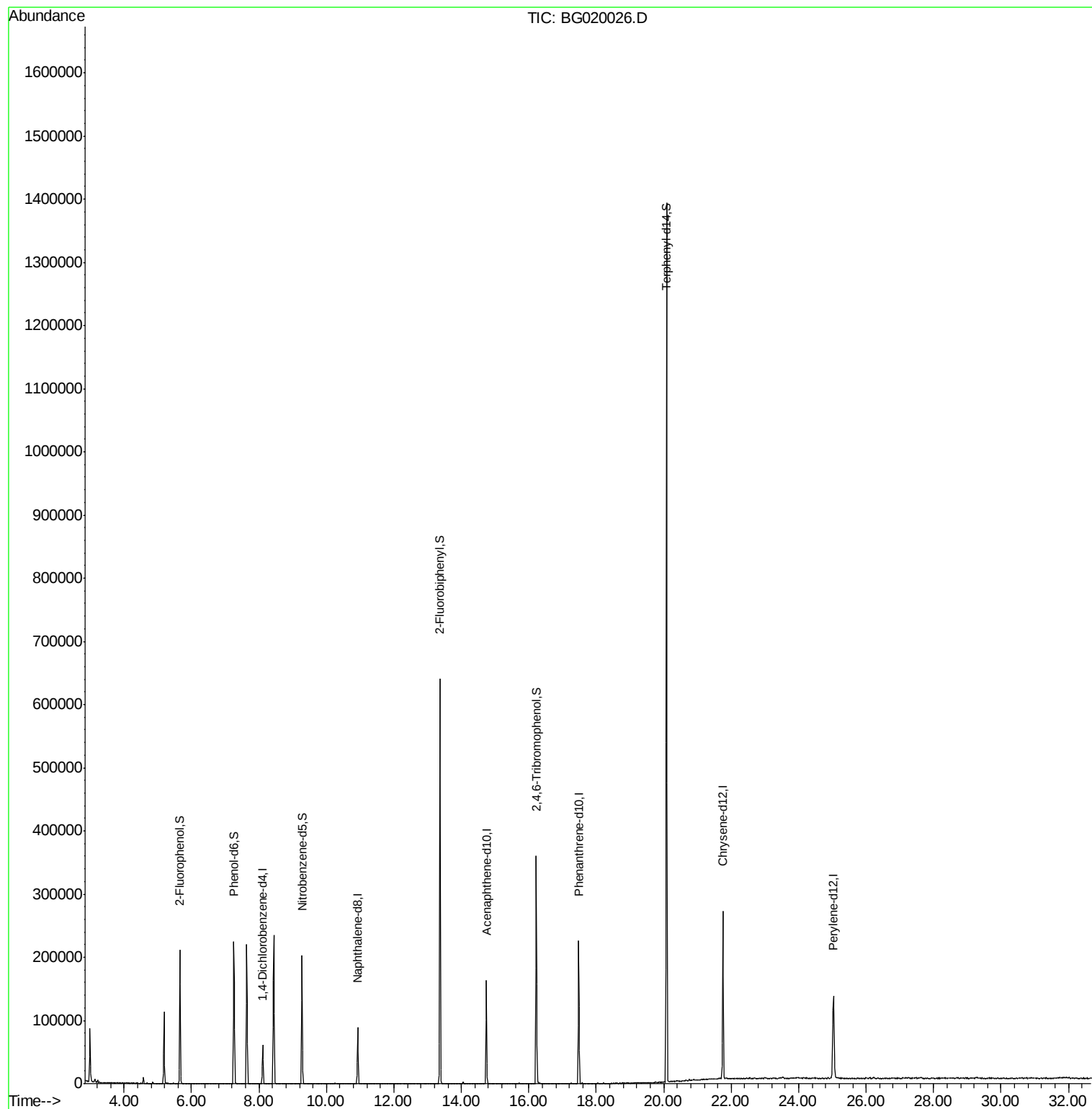
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG020026.D

Acq: 9 Dec 2015 3:36

Instrument :

BNA_G

ClientSampleId :

PB87151BL

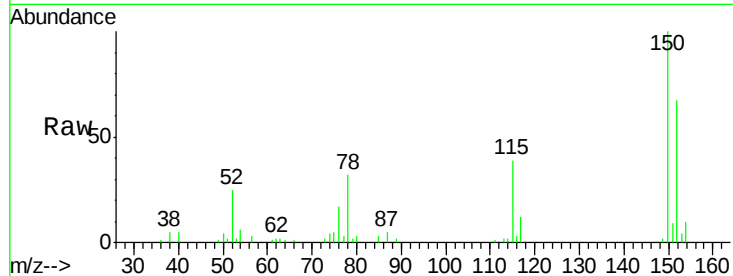
Tgt Ion:152 Resp: 16475

Ion Ratio Lower Upper

152 100

150 148.2 115.0 172.4

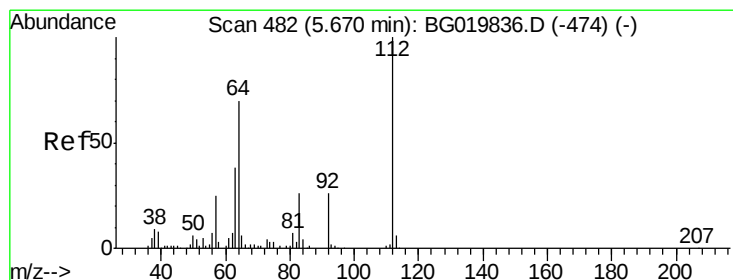
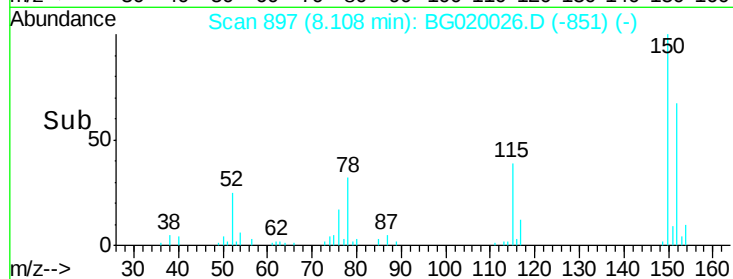
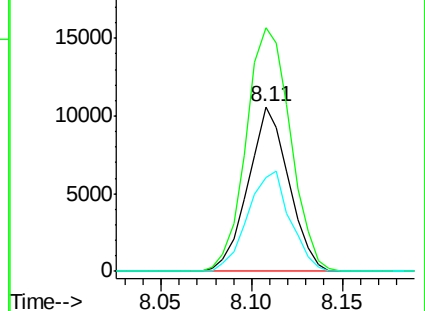
115 57.2 43.9 65.9



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: 95.62 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020026.D

Acq: 9 Dec 2015 3:36

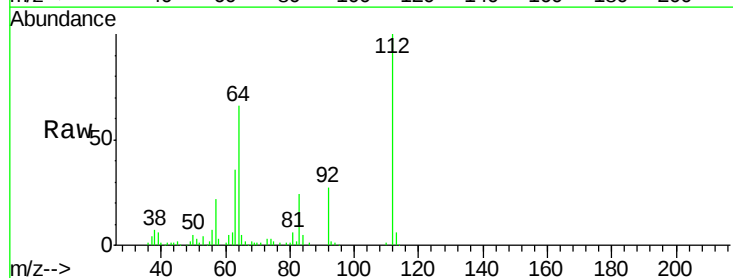
Tgt Ion:112 Resp: 87161

Ion Ratio Lower Upper

112 100

64 66.3 43.7 65.5#

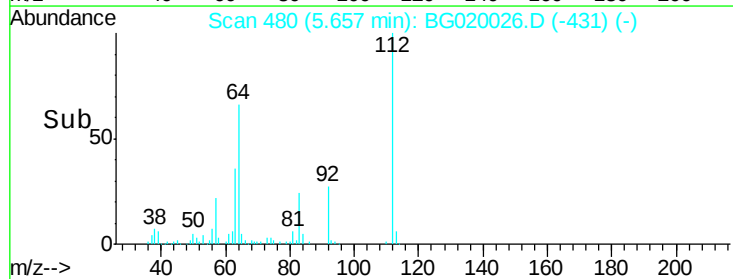
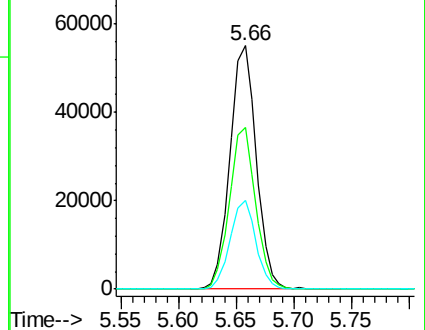
63 36.4 24.0 36.0#



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: 96.26 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020026.D

Acq: 9 Dec 2015 3:36

Instrument :

BNA_G

ClientSampleId :

PB87151BL

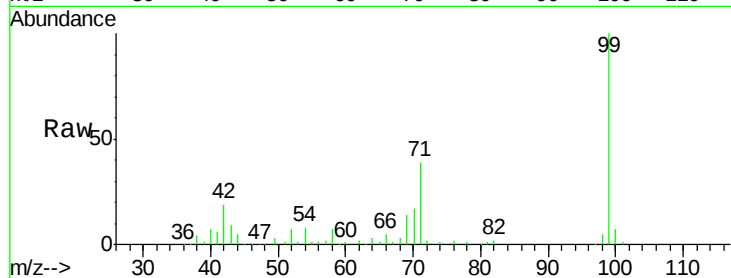
Tgt Ion: 99 Resp: 132484

Ion Ratio Lower Upper

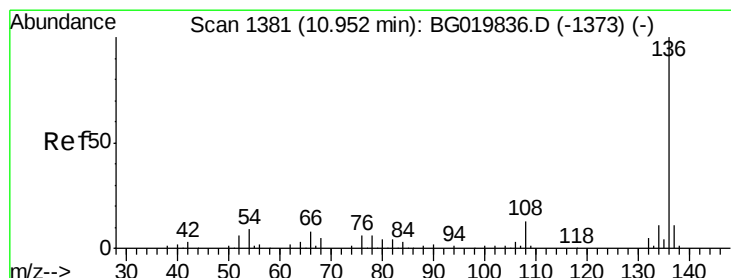
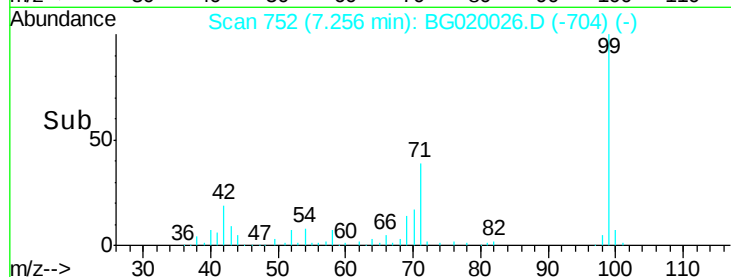
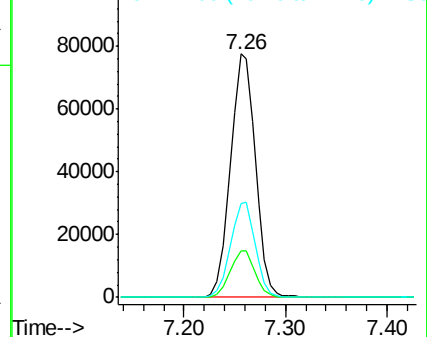
99 100

42 18.9 11.5 17.3#

71 38.7 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: BG020026.D

Acq: 9 Dec 2015 3:36

Tgt Ion: 136 Resp: 75118

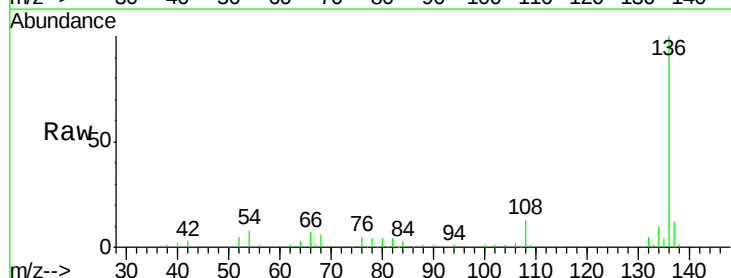
Ion Ratio Lower Upper

136 100

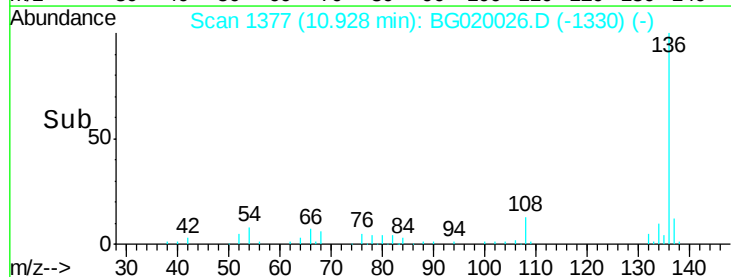
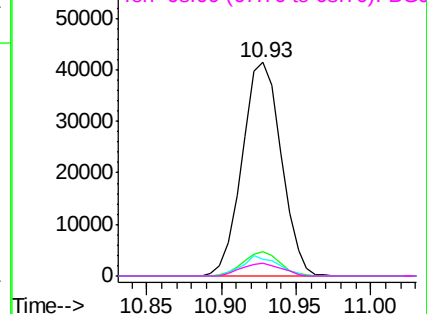
137 11.6 8.6 12.8

54 7.7 5.4 8.2

68 6.1 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

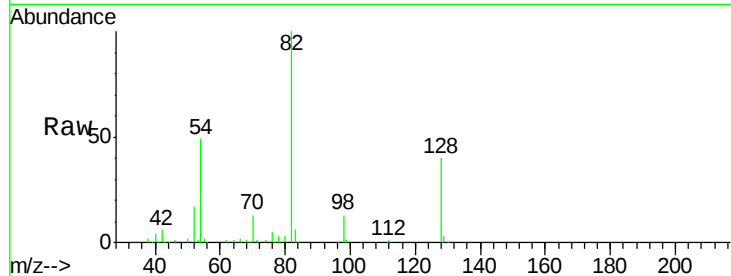




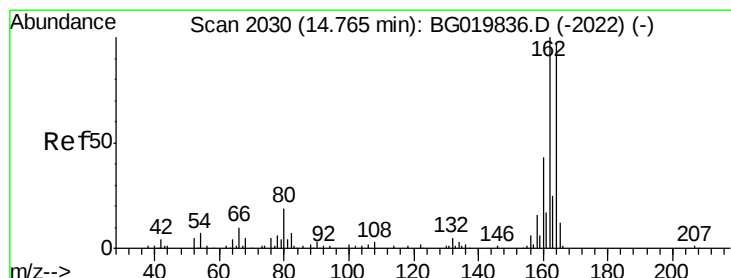
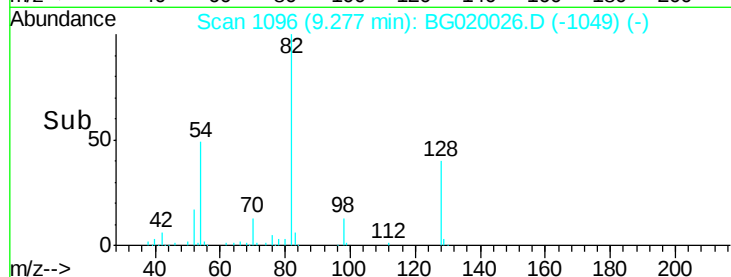
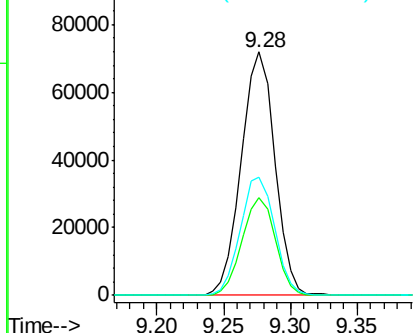
#23
Nitrobenzene-d5
Concen: 85.03 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020026.D
Acq: 9 Dec 2015 3:36

Instrument :
BNA_G
ClientSampleId :
PB87151BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.7	55.1
54	48.6	33.8	50.8

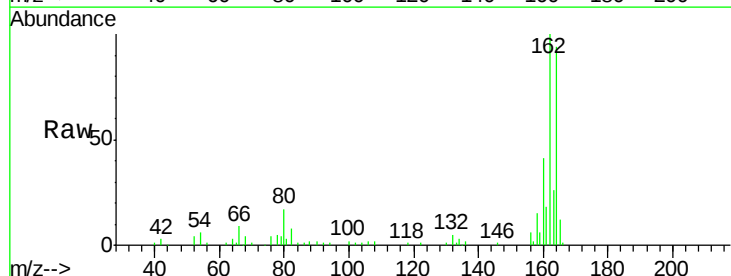


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

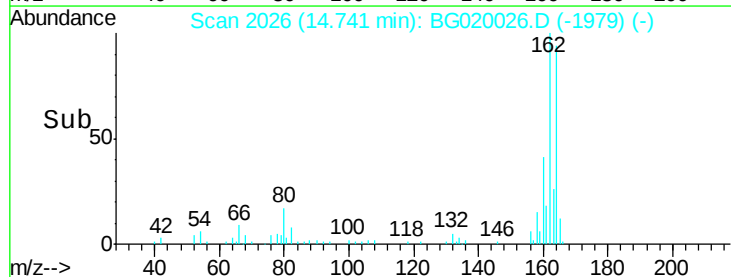
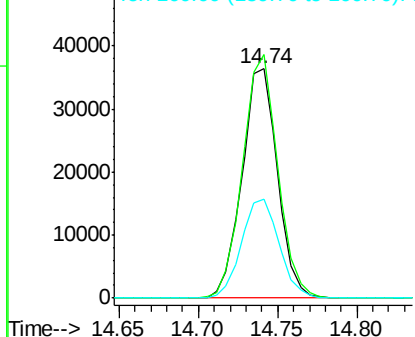


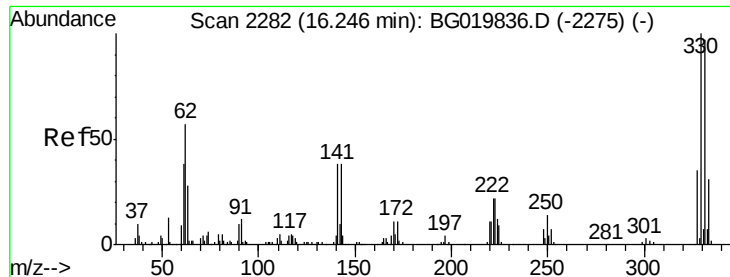
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020026.D
Acq: 9 Dec 2015 3:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	43.4	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

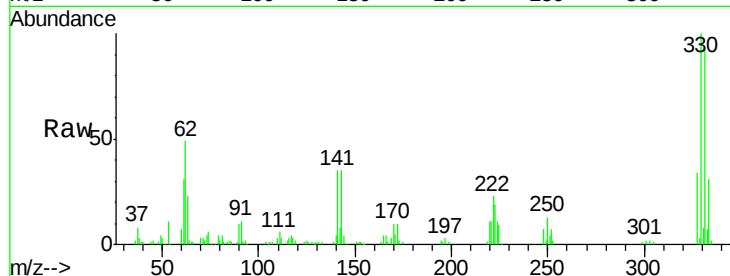




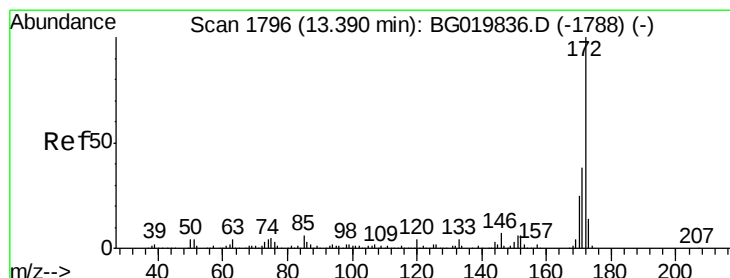
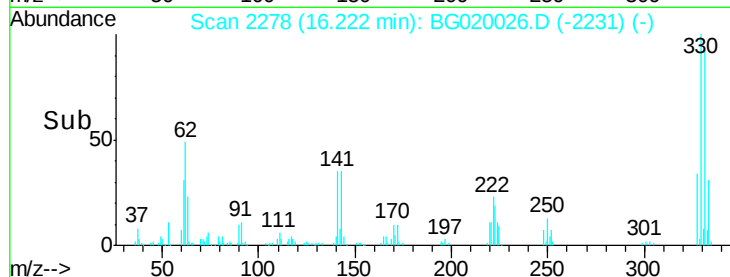
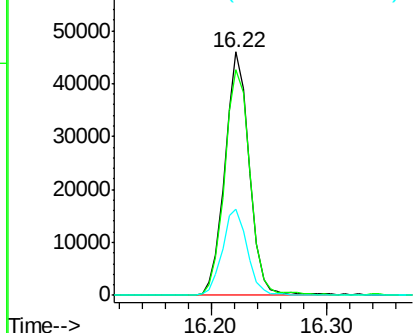
#41
 2,4,6-Tribromophenol
 Concen: 78.09 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020026.D
 Acq: 9 Dec 2015 3:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87151BL

Tgt Ion:330 Resp: 67405
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.1 117.1
 141 35.9 28.2 42.2

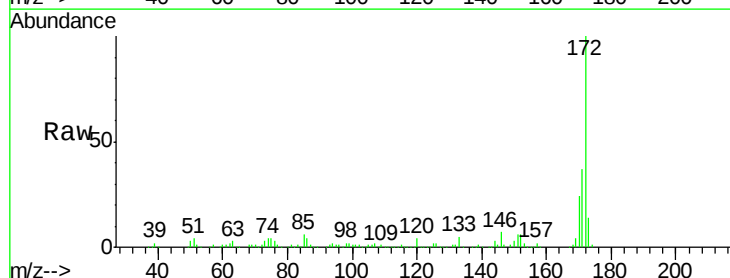


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

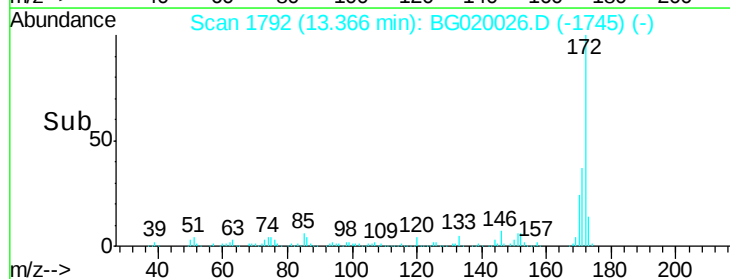
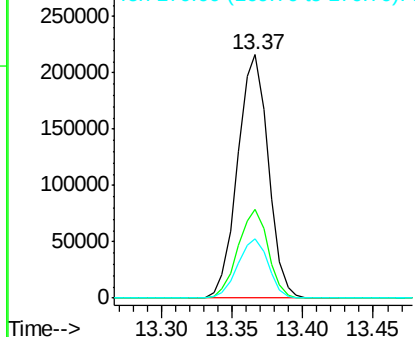


#44
 2-Fluorobiphenyl
 Concen: 79.36 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020026.D
 Acq: 9 Dec 2015 3:36

Tgt Ion:172 Resp: 327886
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.4 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

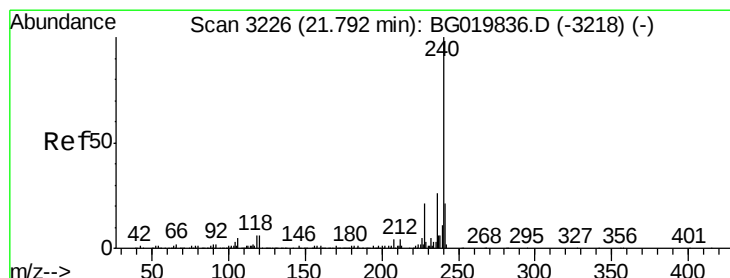
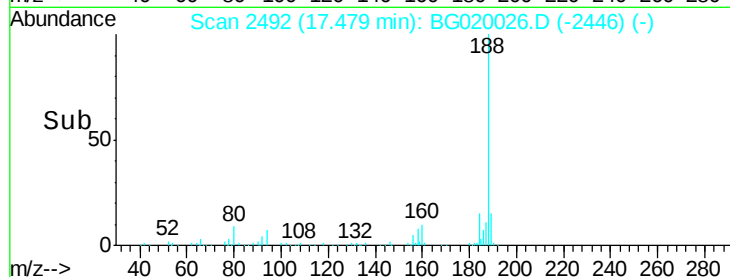
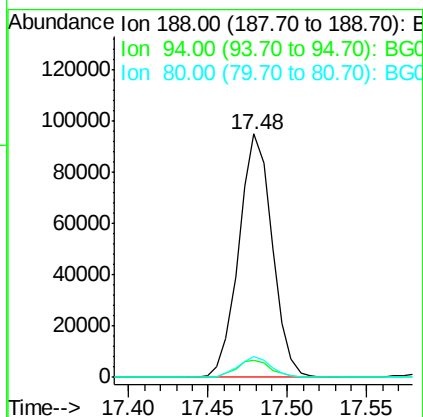
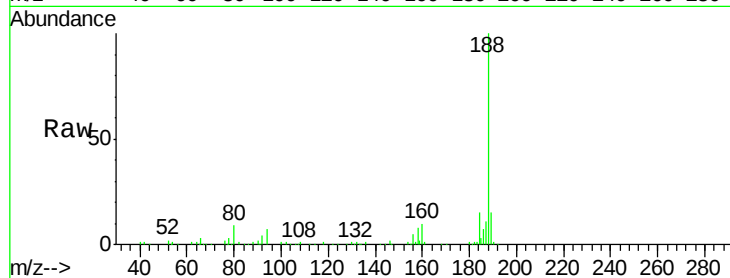




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020026.D
Acq: 9 Dec 2015 3:36

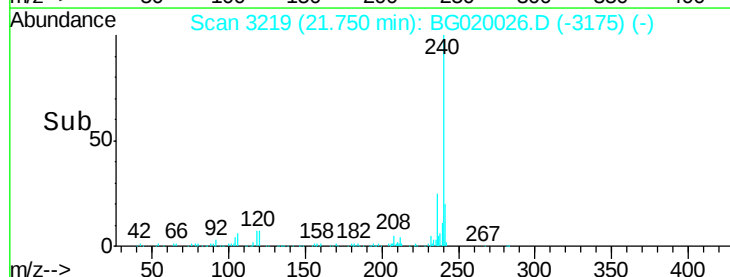
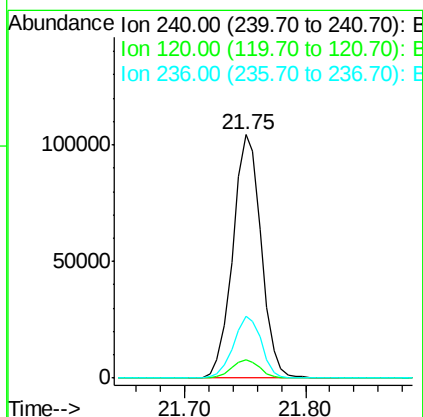
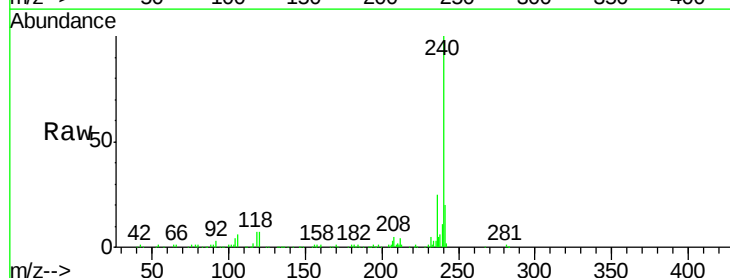
Instrument :
BNA_G
ClientSampleId :
PB87151BL

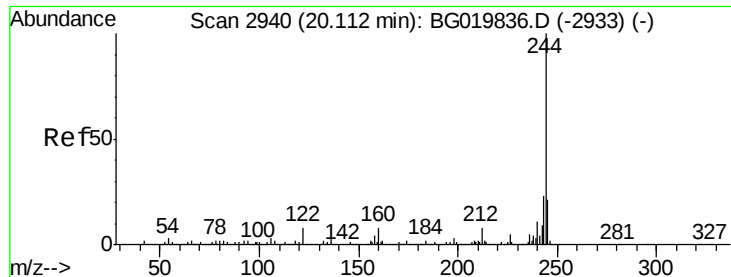
Tgt Ion:188 Resp: 139200
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 8.8 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020026.D
Acq: 9 Dec 2015 3:36

Tgt Ion:240 Resp: 170810
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 85.47 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020026.D

Acq: 9 Dec 2015 3:36

Instrument :

BNA_G

ClientSampleId :

PB87151BL

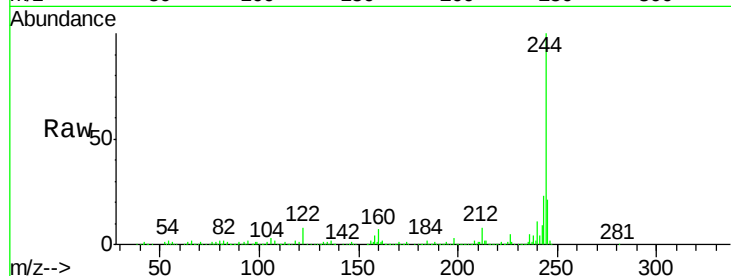
Tgt Ion:244 Resp: 598495

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

122 8.0 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

20.08

400000

300000

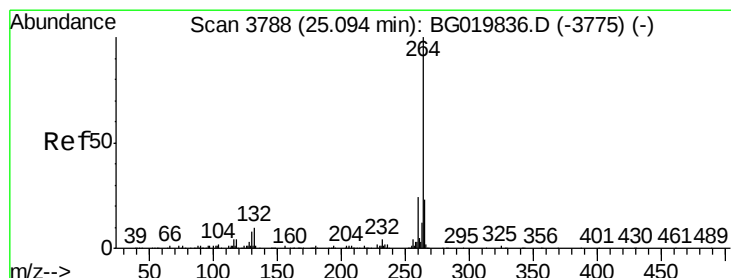
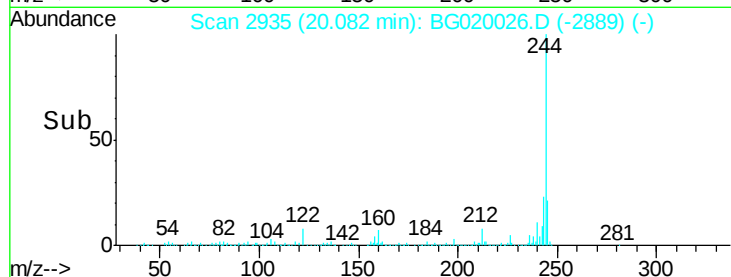
200000

100000

0

20.00 20.10 20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.07 min

Lab File: BG020026.D

Acq: 9 Dec 2015 3:36

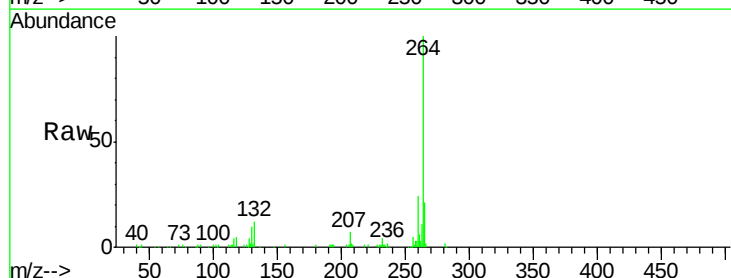
Tgt Ion:264 Resp: 159092

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.2 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

25.03

60000

40000

20000

0

24.90 25.00 25.10 25.20

Time-->

