

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026034.D
 Acq On : 2 Mar 2017 17:58
 Operator : SJ/MA
 Sample : I2056-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3B-15

Quant Time: Mar 03 00:39:52 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

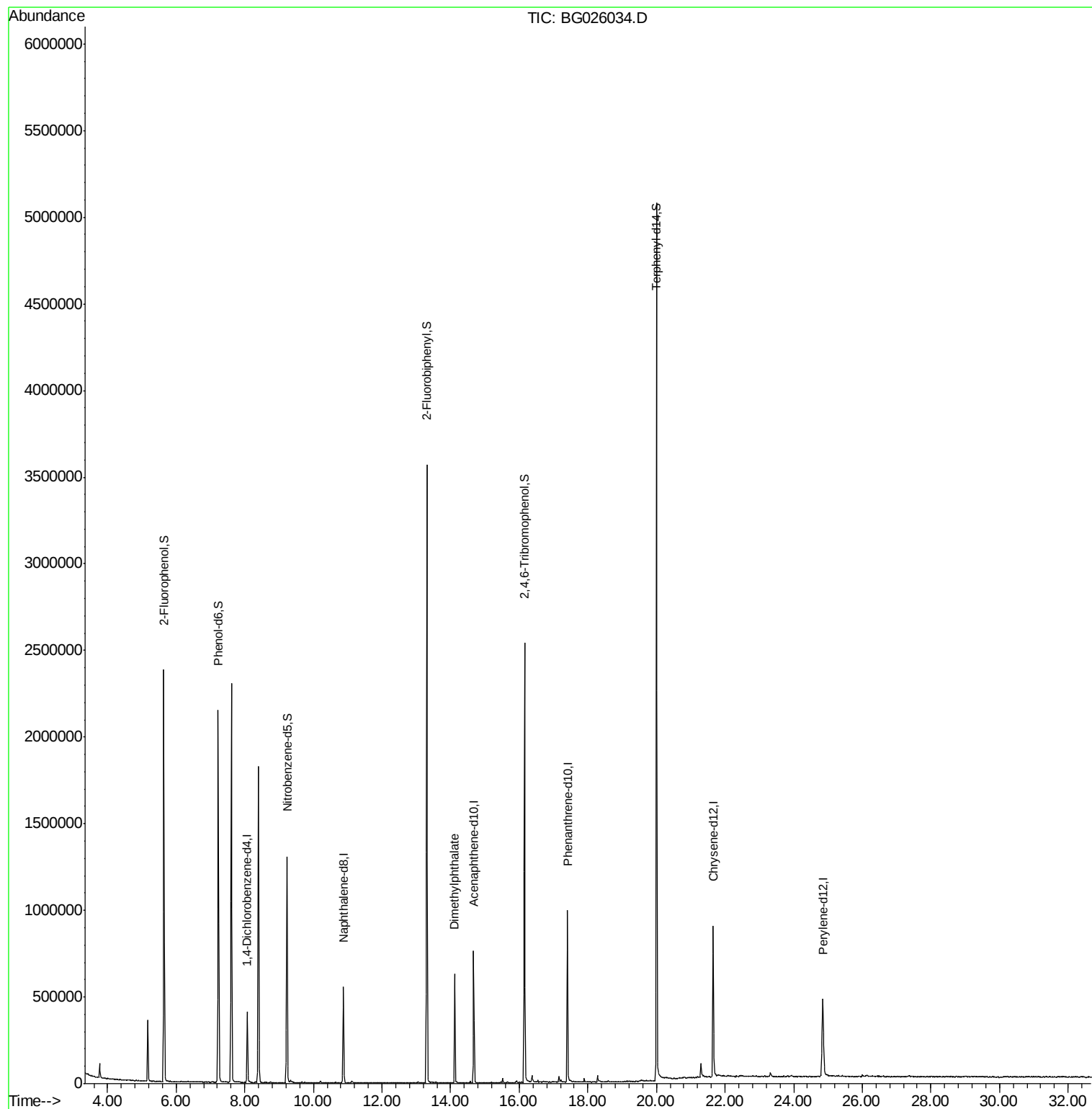
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	127669	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	513427	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	280519	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	624181	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	550451	20.00	ng	-0.03
86) Perylene-d12	24.85	264	510283	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1141985	155.73	ng	0.00
7) Phenol-d6	7.23	99	1509158	139.07	ng	0.00
23) Nitrobenzene-d5	9.23	82	856278	105.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	462168	178.33	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	1929298	120.18	ng	-0.02
78) Terphenyl-d14	20.00	244	2185155	96.55	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	434678	22.59	ng	Qvalue 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

Lab File: BG026034.D

Acq: 2 Mar 2017 17:58

Instrument :

BNA_G

ClientSampleId :

3B-15

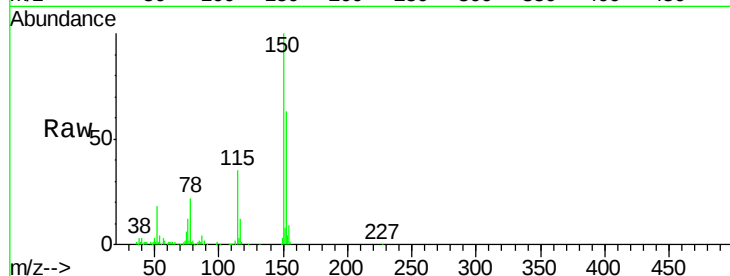
Tgt Ion:152 Resp: 127669

Ion Ratio Lower Upper

152 100

150 157.8 114.0 171.0

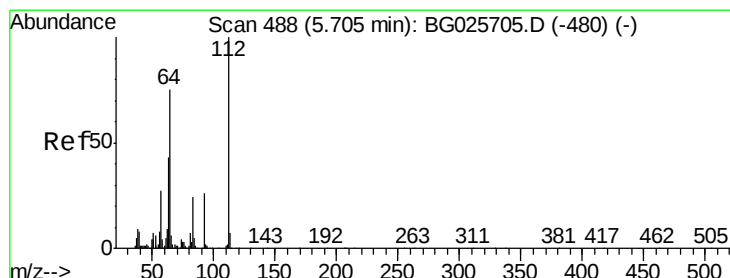
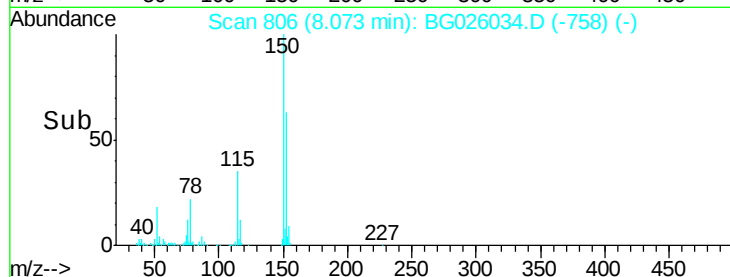
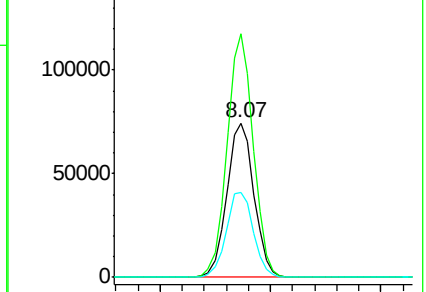
115 55.3 48.1 72.1



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: 155.73 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026034.D

Acq: 2 Mar 2017 17:58

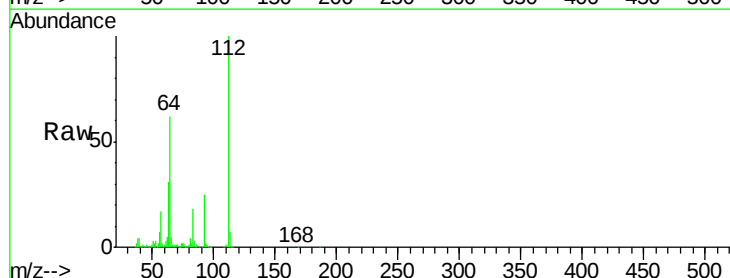
Tgt Ion:112 Resp: 1141985

Ion Ratio Lower Upper

112 100

64 62.1 61.8 92.6

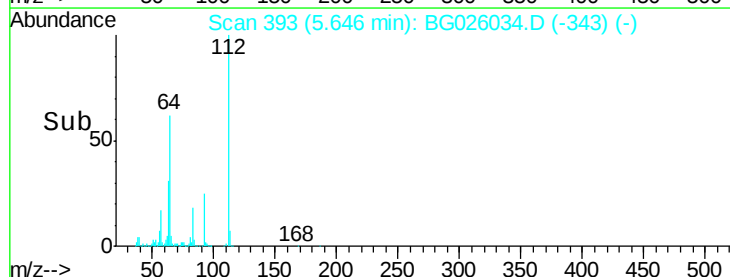
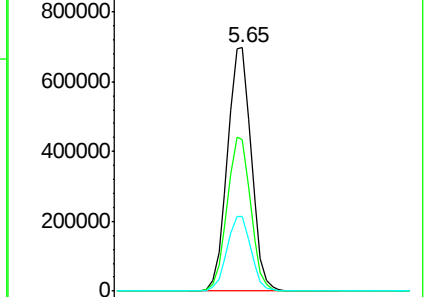
63 30.5 37.2 55.8#

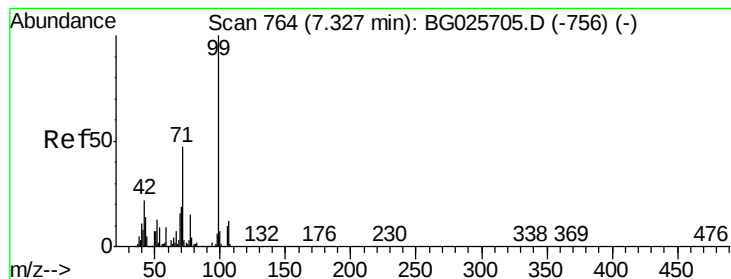


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.07 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG026034.D

Acq: 2 Mar 2017 17:58

Instrument :

BNA_G

ClientSampled :

3B-15

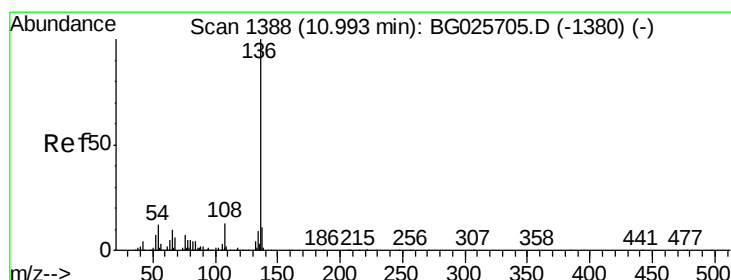
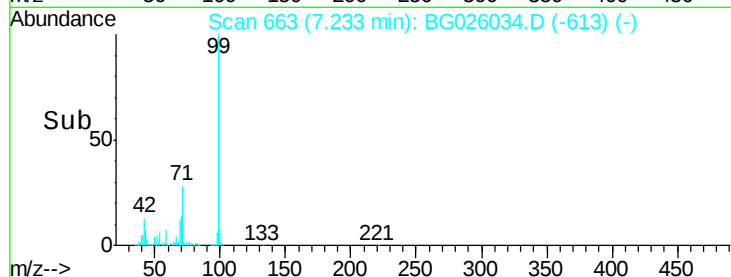
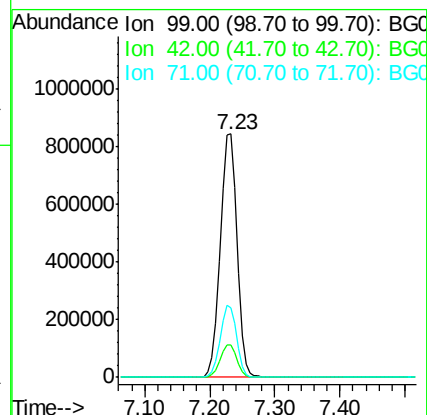
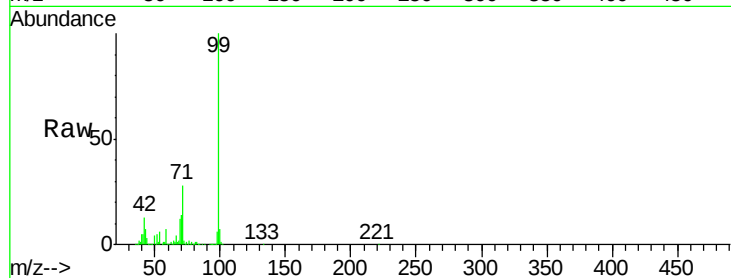
Tgt Ion: 99 Resp: 1509158

Ion Ratio Lower Upper

99 100

42 13.3 20.5 30.7#

71 28.5 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026034.D

Acq: 2 Mar 2017 17:58

Tgt Ion: 136 Resp: 513427

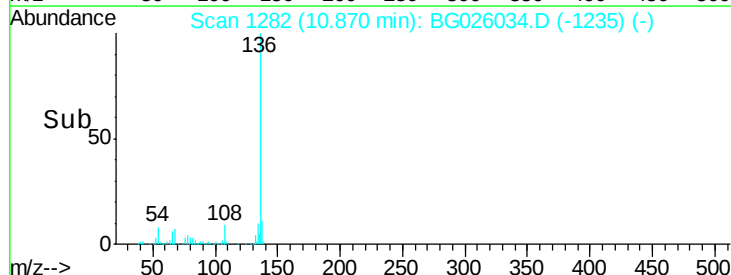
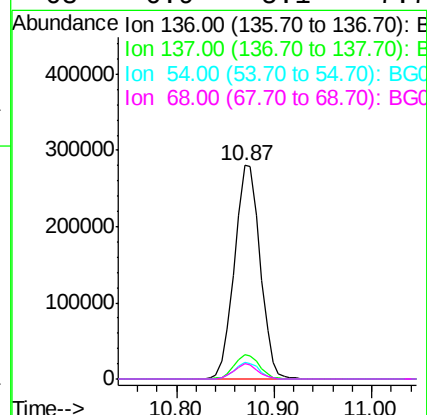
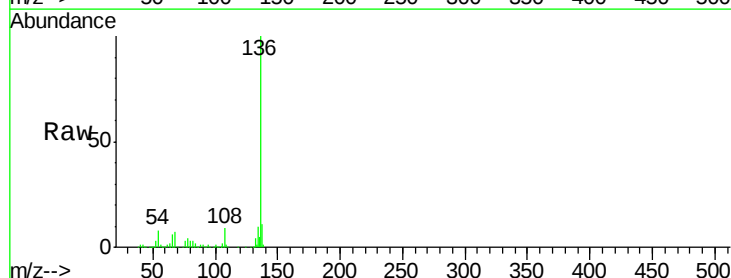
Ion Ratio Lower Upper

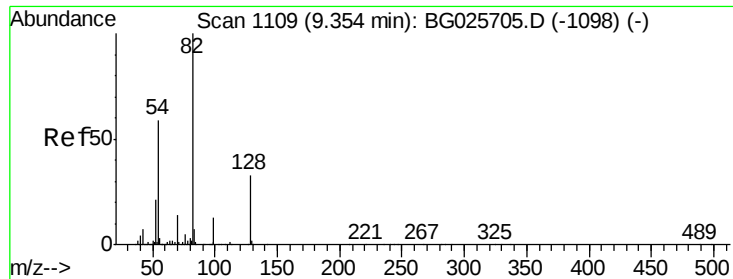
136 100

137 11.3 8.9 13.3

54 7.6 9.3 13.9#

68 6.9 5.1 7.7

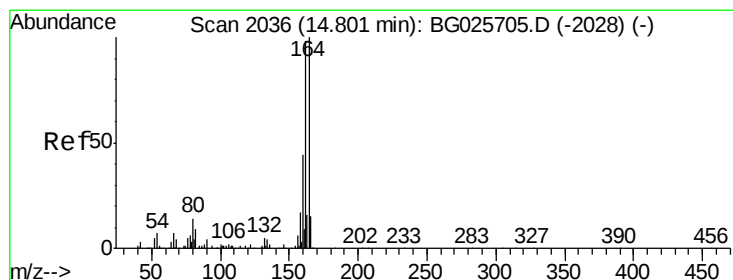
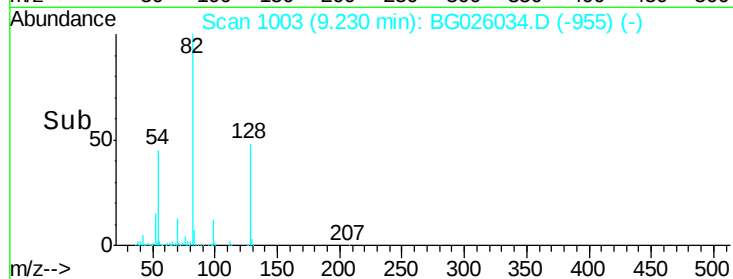
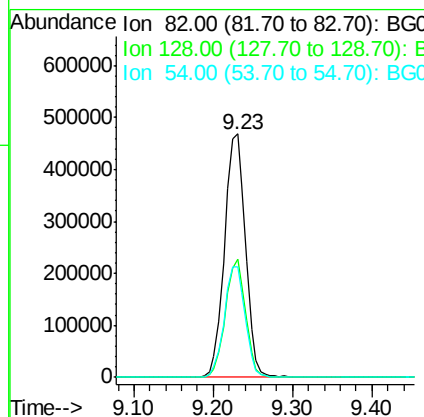
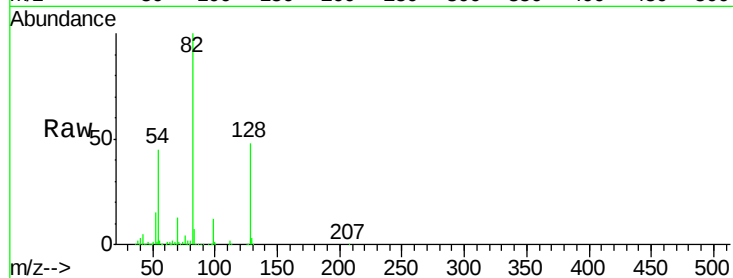




#23
 Nitrobenzene-d5
 Concen: 105.25 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG026034.D
 Acq: 2 Mar 2017 17:58

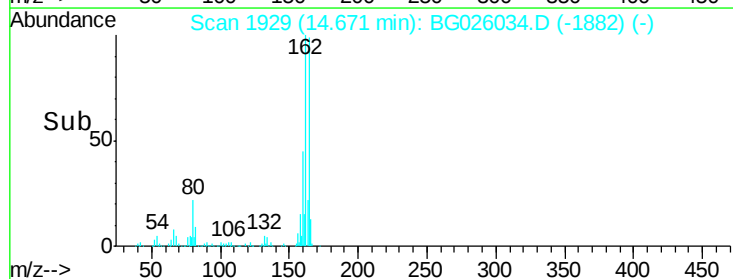
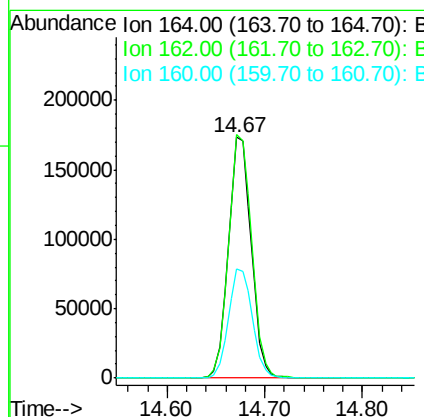
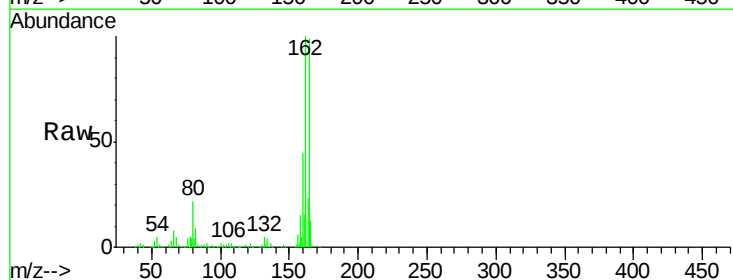
Instrument :
 BNA_G
 ClientSampled :
 3B-15

Tgt Ion: 82 Resp: 856278
 Ion Ratio Lower Upper
 82 100
 128 48.3 26.4 39.6#
 54 45.2 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026034.D
 Acq: 2 Mar 2017 17:58

Tgt Ion: 164 Resp: 280519
 Ion Ratio Lower Upper
 164 100
 162 101.1 85.1 127.7
 160 45.4 34.7 52.1

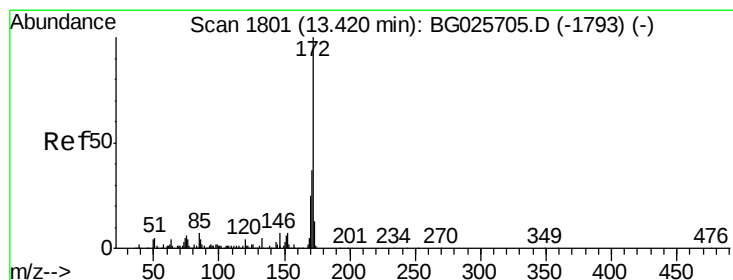
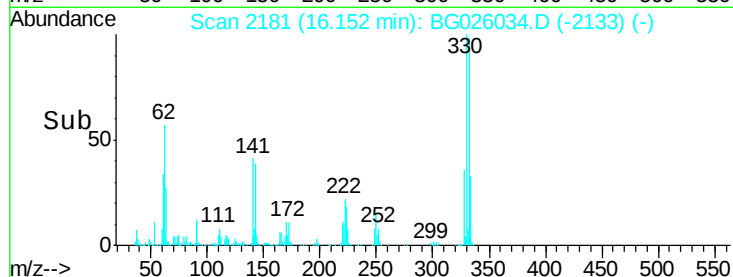
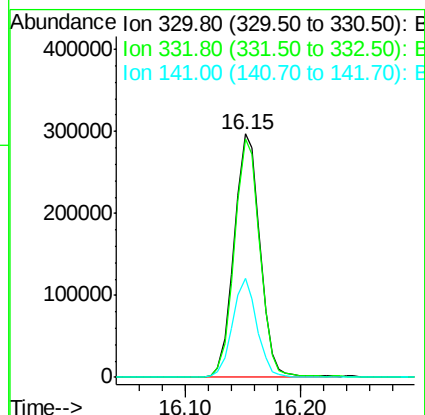
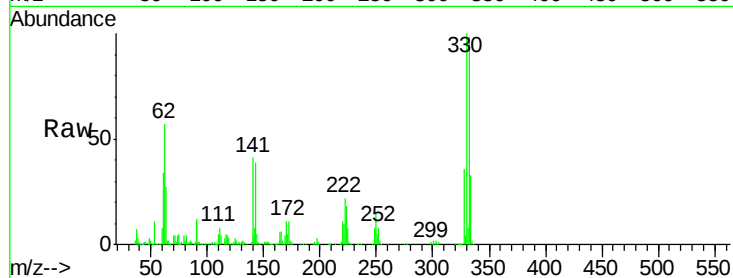




#41
 2,4,6-Tribromophenol
 Concen: 178.33 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BG026034.D
 Acq: 2 Mar 2017 17:58

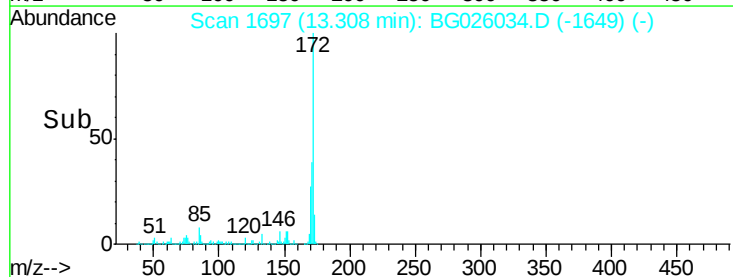
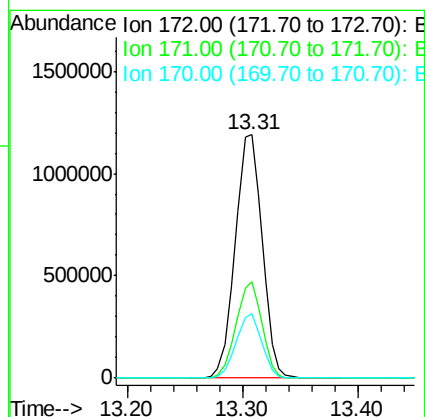
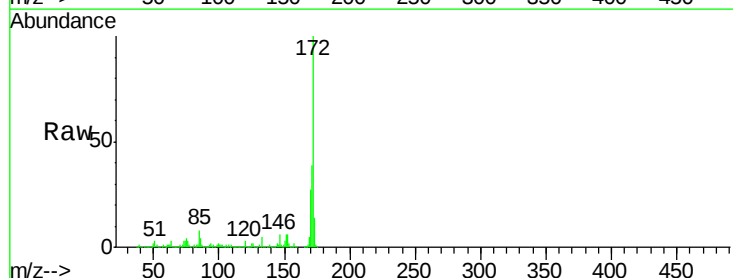
Instrument :
 BNA_G
 ClientSampleId :
 3B-15

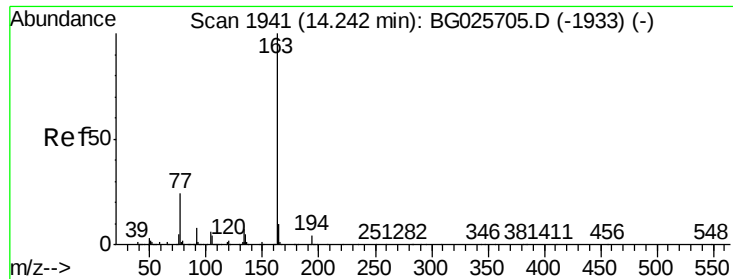
Tgt Ion:330 Resp: 462168
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 38.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 120.18 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG026034.D
 Acq: 2 Mar 2017 17:58

Tgt Ion:172 Resp: 1929298
 Ion Ratio Lower Upper
 172 100
 171 39.4 32.2 48.2
 170 26.5 21.8 32.6





#49

Dimethylphthalate

Concen: 22.59 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026034.D

Acq: 2 Mar 2017 17:58

Instrument :

BNA_G

ClientSampleId :

3B-15

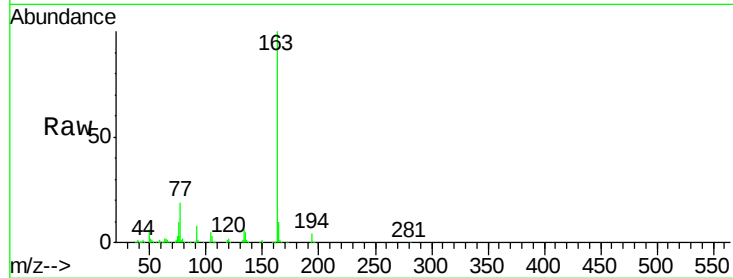
Tgt Ion:163 Resp: 434678

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

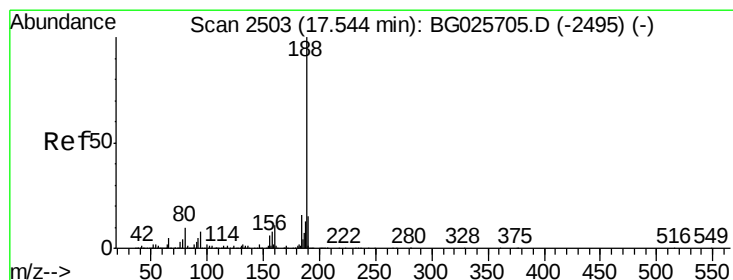
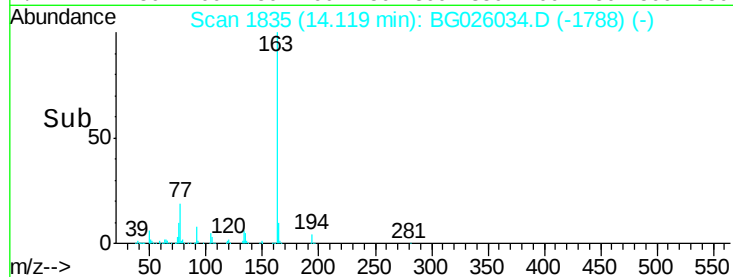
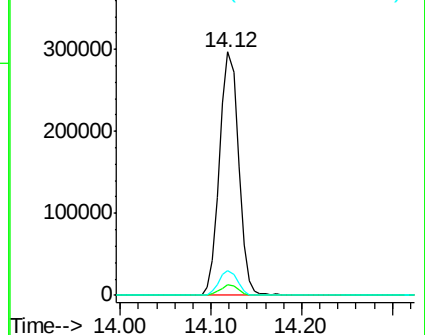
164 10.0 9.3 13.9



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: 17.40 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BG026034.D

Acq: 2 Mar 2017 17:58

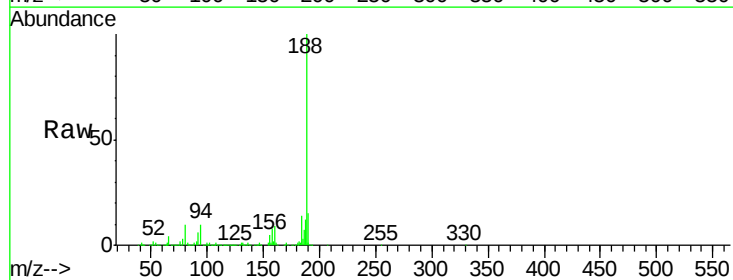
Tgt Ion:188 Resp: 624181

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.8#

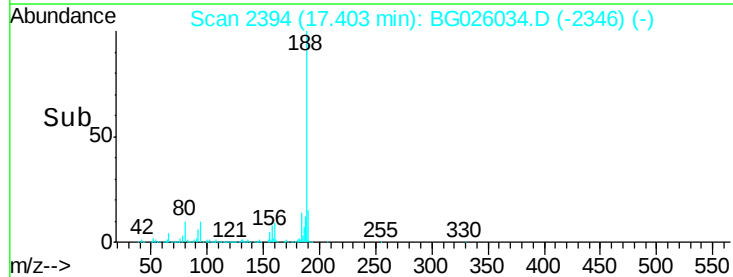
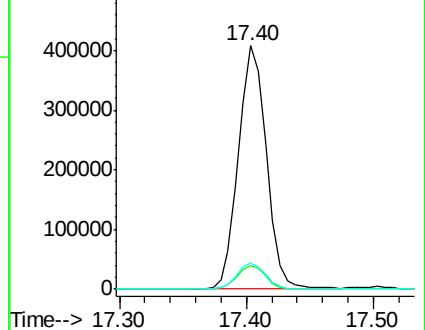
80 10.5 7.5 11.3

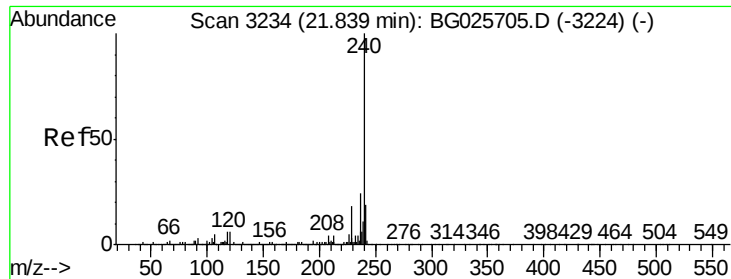


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026034.D

Acq: 2 Mar 2017 17:58

Instrument :

BNA_G

ClientSampleId :

3B-15

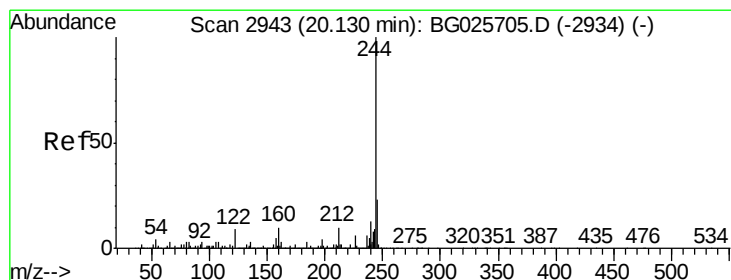
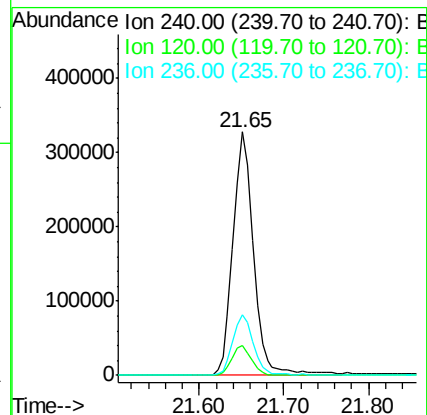
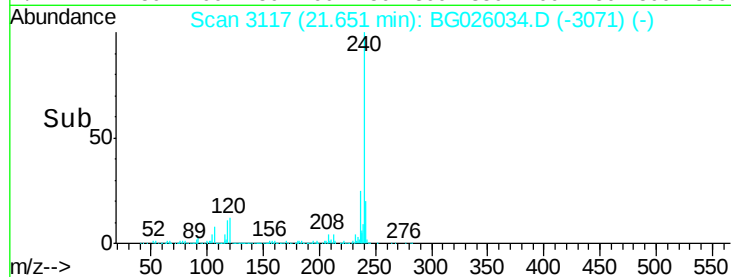
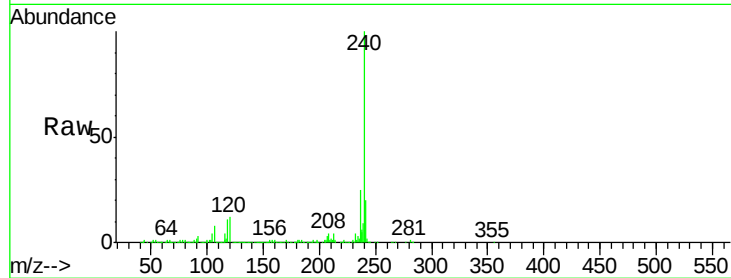
Tgt Ion:240 Resp: 550451

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

236 24.9 22.2 33.4



#78

Terphenyl-d14

Concen: 96.55 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026034.D

Acq: 2 Mar 2017 17:58

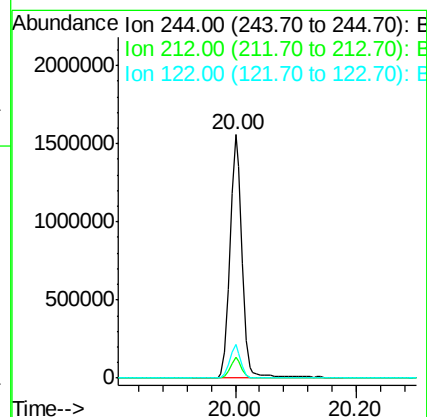
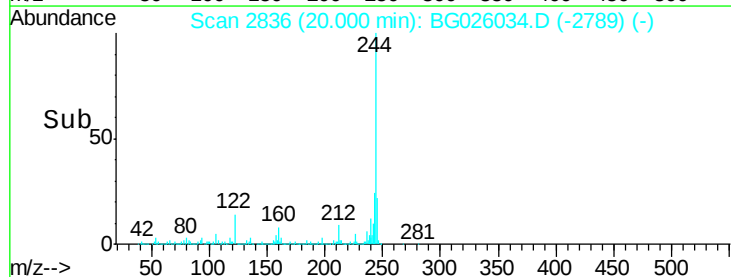
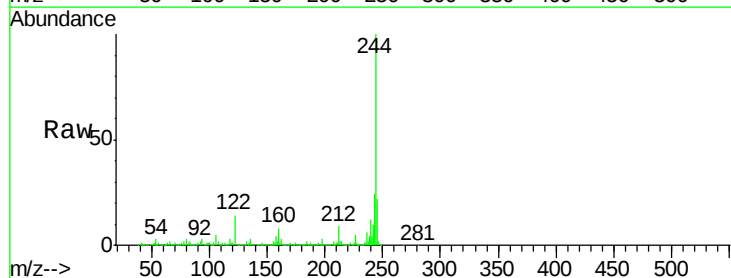
Tgt Ion:244 Resp: 2185155

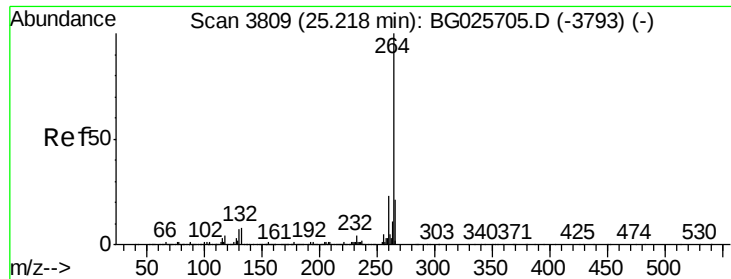
Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

122 13.7 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3661
Delta R.T. -0.04 min
Lab File: BG026034.D
Acq: 2 Mar 2017 17:58

Instrument :
BNA_G
ClientSampleId :
3B-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	21.2	18.2	27.4

