

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
 Data File : BG026045.D
 Acq On : 3 Mar 2017 1:13
 Operator : SJ/MA
 Sample : I2056-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11B-20

Quant Time: Mar 03 02:27:22 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

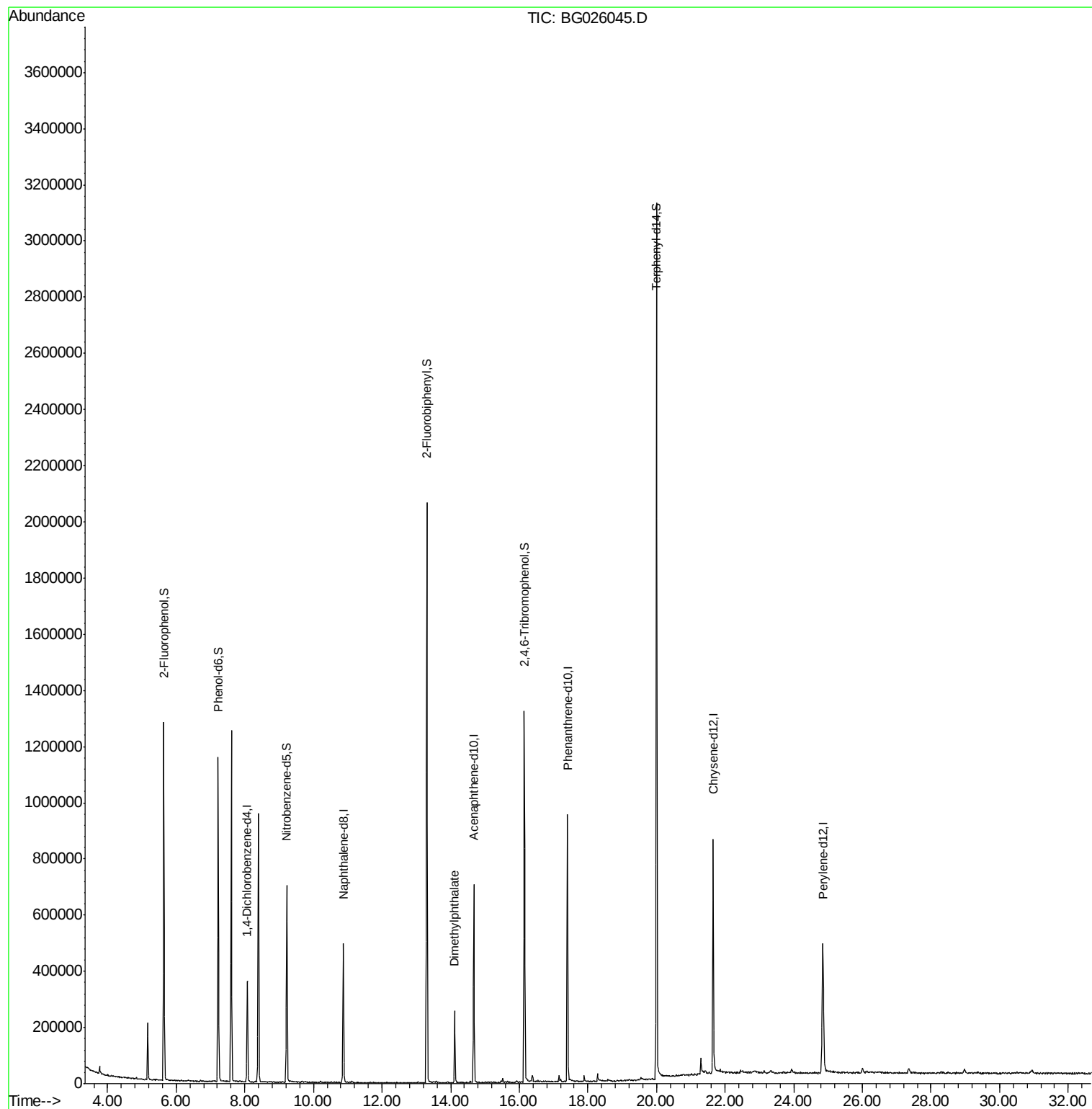
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	111542	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	454432	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	250732	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	579722	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	548402	20.00	ng	-0.03
86) Perylene-d12	24.85	264	506272	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	598168	93.37	ng	-0.01
7) Phenol-d6	7.23	99	803265	84.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	441293	61.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	247736	106.94	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1086846	75.74	ng	-0.02
78) Terphenyl-d14	20.00	244	1433113	63.56	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	186589	10.85	ng	Qvalue # 95

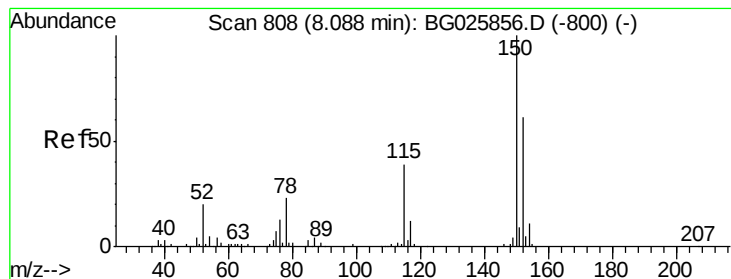
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026045.D

Acq: 3 Mar 2017 1:13

Instrument :

BNA_G

ClientSampleId :

11B-20

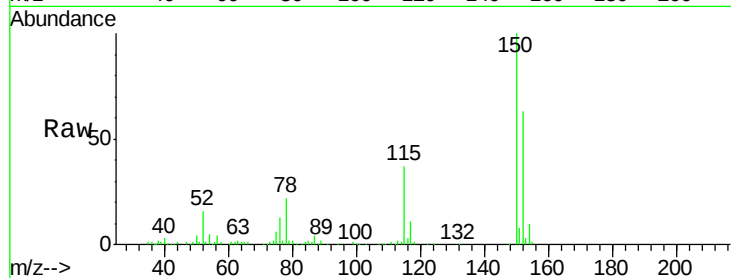
Tgt Ion:152 Resp: 111542

Ion Ratio Lower Upper

152 100

150 159.9 114.0 171.0

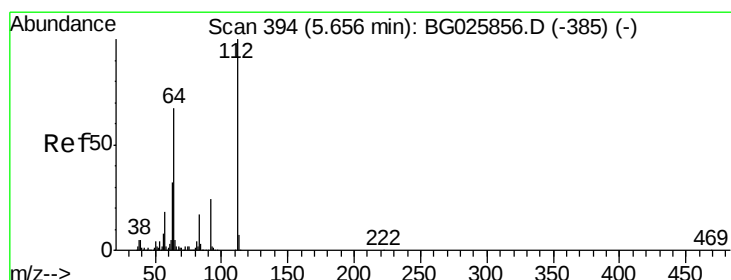
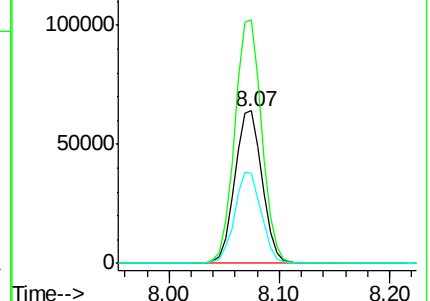
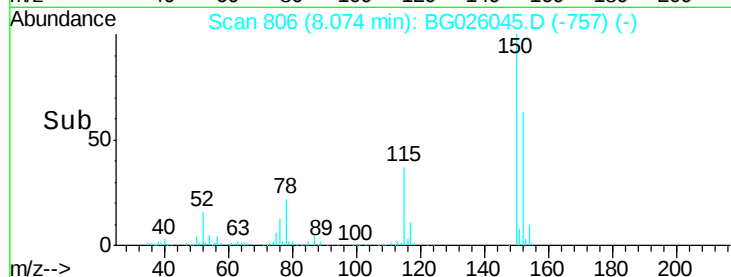
115 59.0 48.1 72.1



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: 93.37 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026045.D

Acq: 3 Mar 2017 1:13

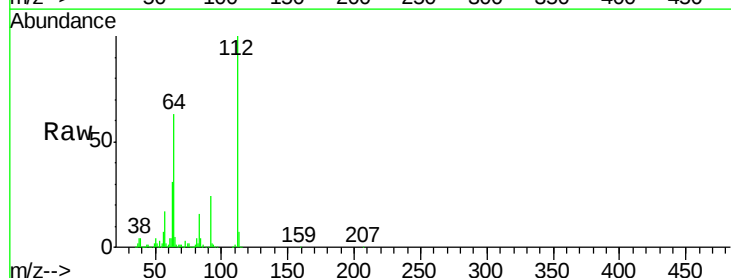
Tgt Ion:112 Resp: 598168

Ion Ratio Lower Upper

112 100

64 63.2 61.8 92.6

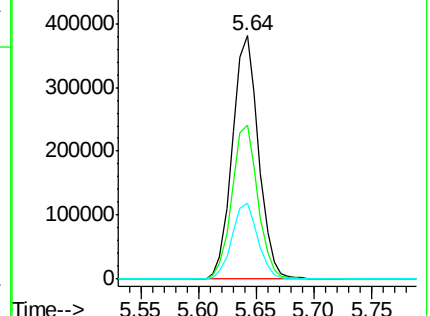
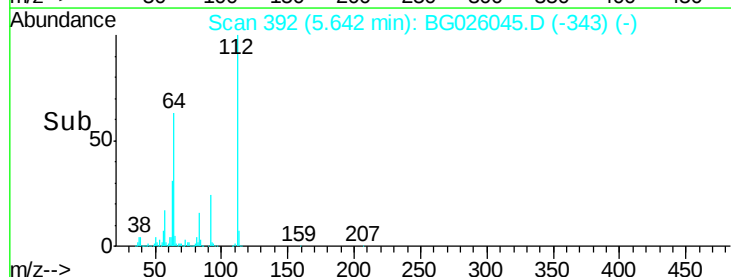
63 31.0 37.2 55.8#

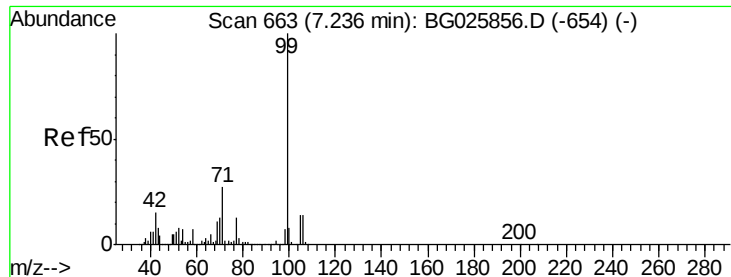


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 84.73 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026045.D

Acq: 3 Mar 2017 1:13

Instrument :

BNA_G

ClientSampleId :

11B-20

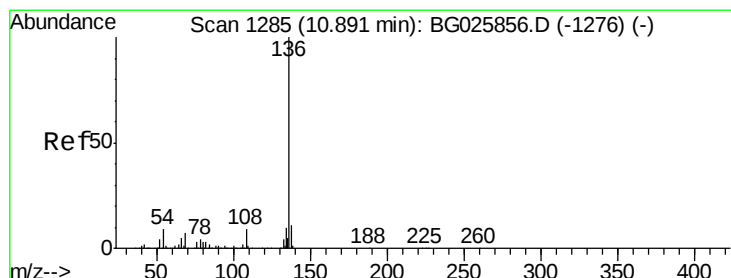
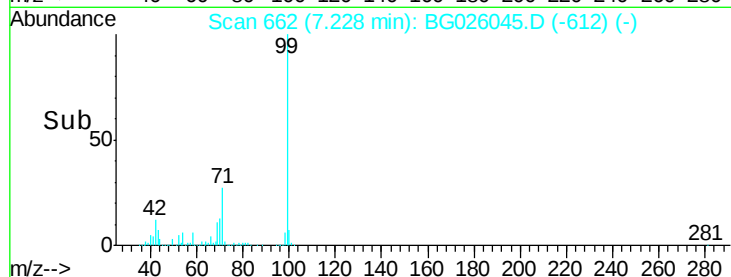
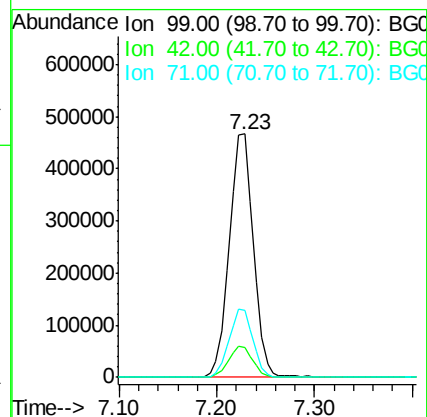
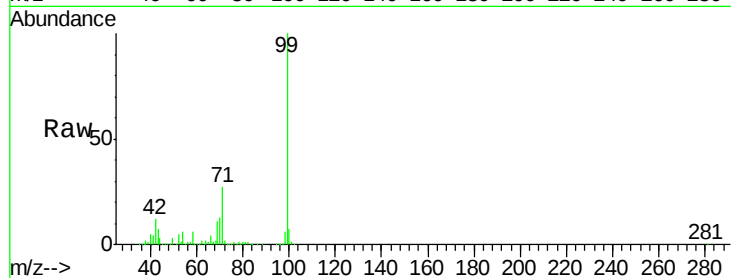
Tgt Ion: 99 Resp: 803265

Ion Ratio Lower Upper

99 100

42 12.5 20.5 30.7#

71 27.4 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: BG026045.D

Acq: 3 Mar 2017 1:13

Tgt Ion: 136 Resp: 454432

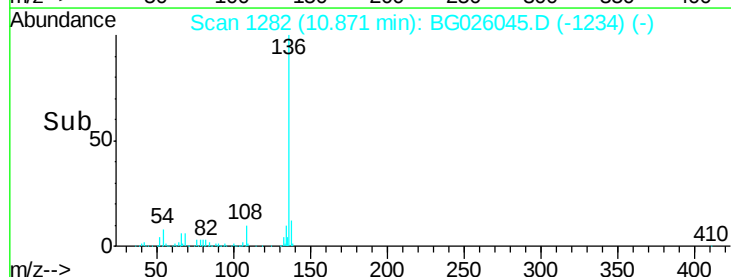
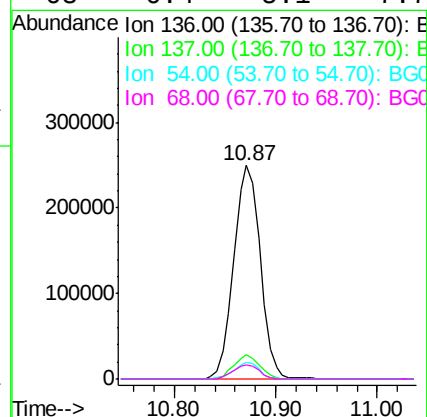
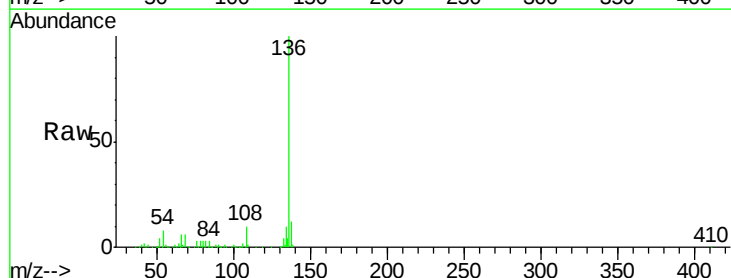
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 7.6 9.3 13.9#

68 6.4 5.1 7.7

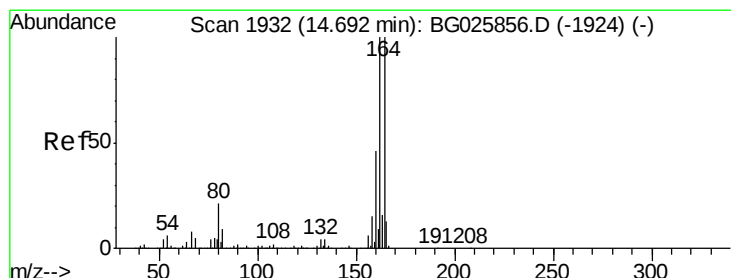
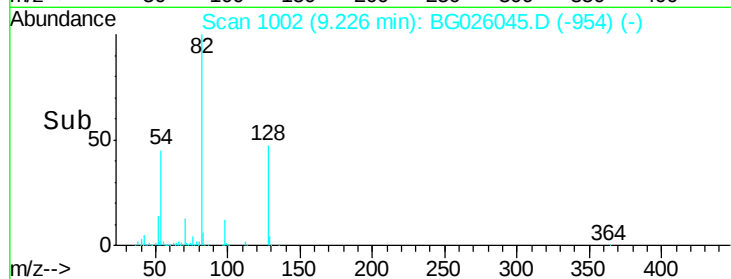
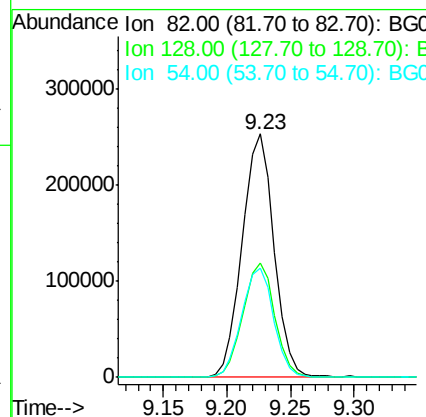
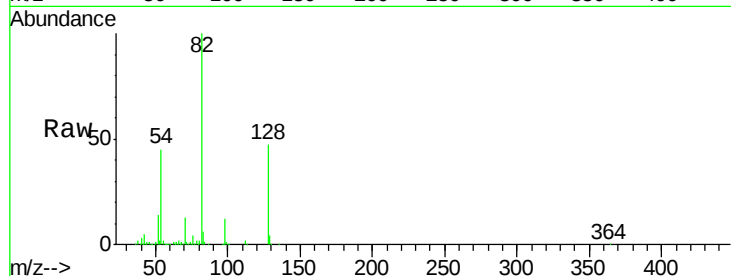




#23
 Nitrobenzene-d5
 Concen: 61.28 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026045.D
 Acq: 3 Mar 2017 1:13

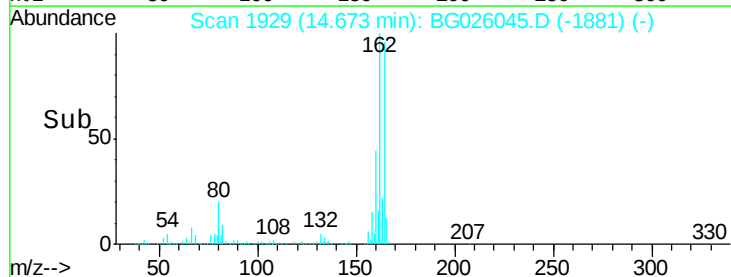
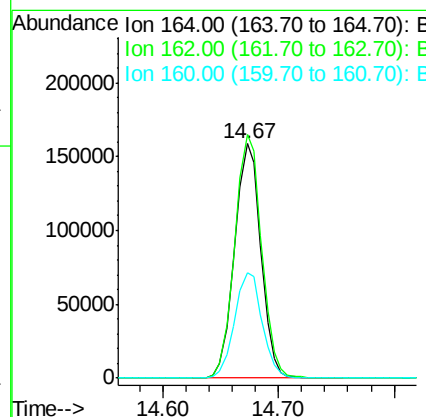
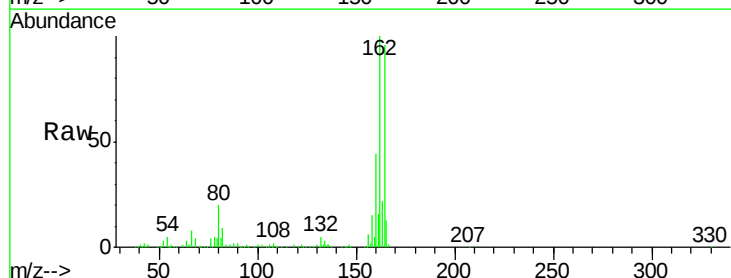
Instrument :
 BNA_G
 ClientSampleId :
 11B-20

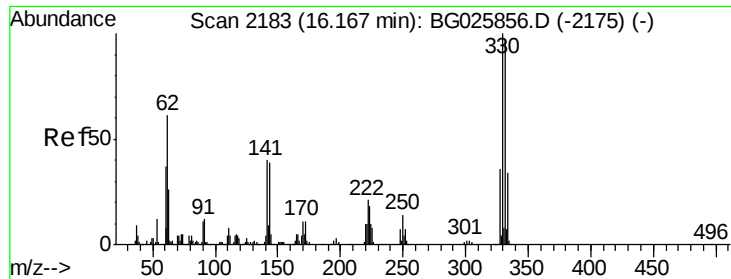
Tgt Ion: 82 Resp: 441293
 Ion Ratio Lower Upper
 82 100
 128 46.7 26.4 39.6#
 54 44.8 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026045.D
 Acq: 3 Mar 2017 1:13

Tgt Ion: 164 Resp: 250732
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 45.2 34.7 52.1

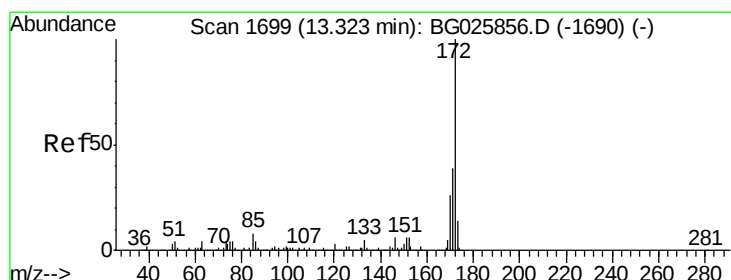
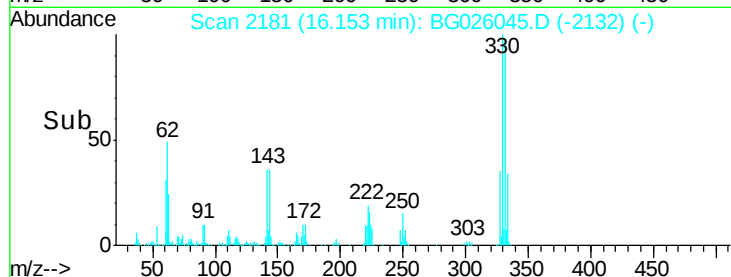
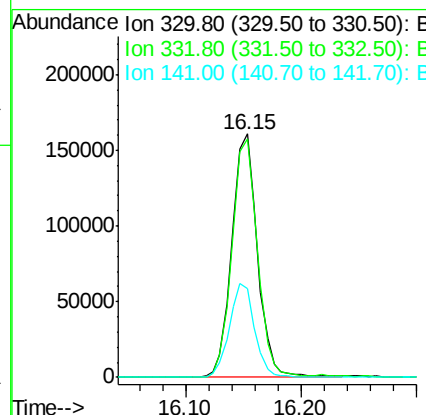
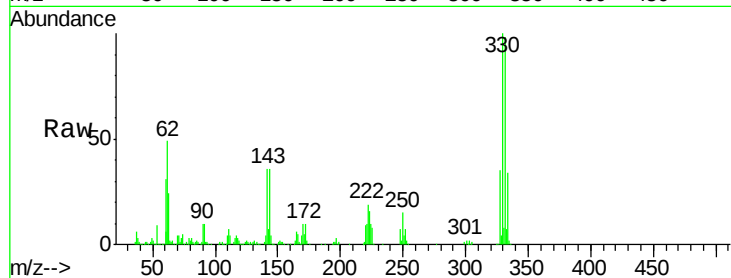




#41
2,4,6-Tribromophenol
Concen: 106.94 ng
RT: 16.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG026045.D
Acq: 3 Mar 2017 1:13

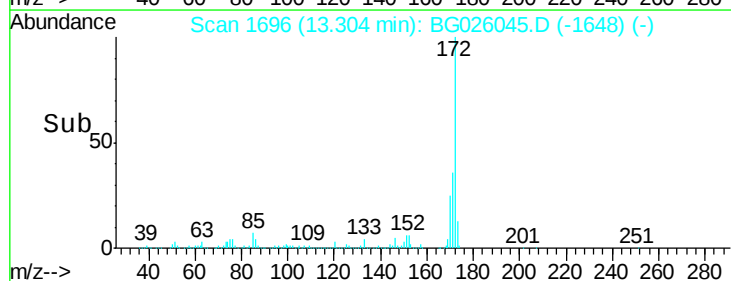
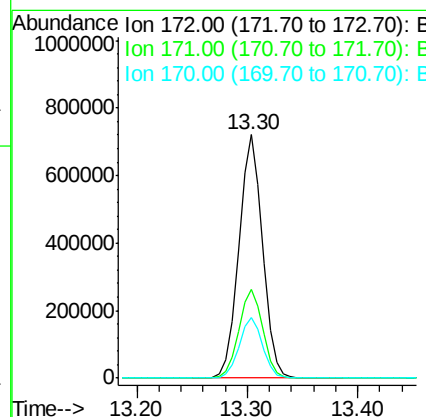
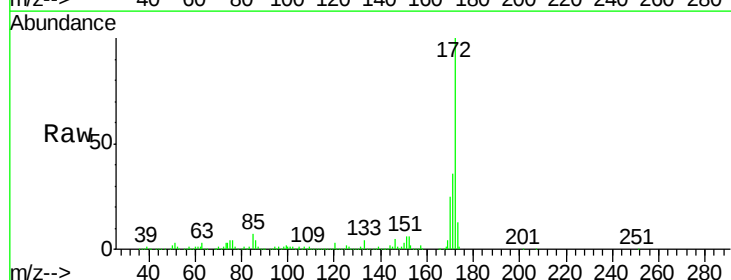
Instrument :
BNA_G
ClientSampled :
11B-20

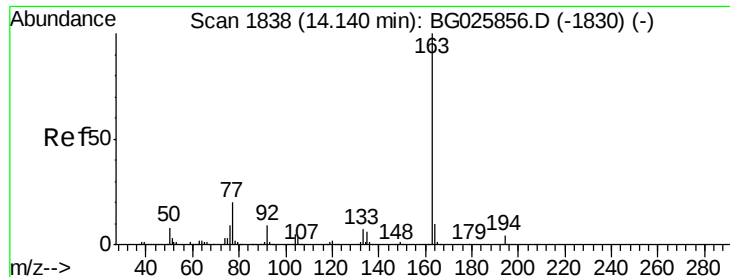
Tgt Ion:330 Resp: 247736
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 37.7 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 75.74 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026045.D
Acq: 3 Mar 2017 1:13

Tgt Ion:172 Resp: 1086846
Ion Ratio Lower Upper
172 100
171 36.5 32.2 48.2
170 24.7 21.8 32.6





#49

Dimethylphthalate

Concen: 10.85 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026045.D

Acq: 3 Mar 2017 1:13

Instrument :

BNA_G

ClientSampleId :

11B-20

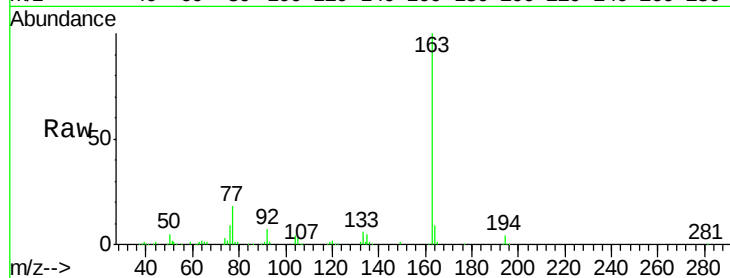
Tgt Ion:163 Resp: 186589

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

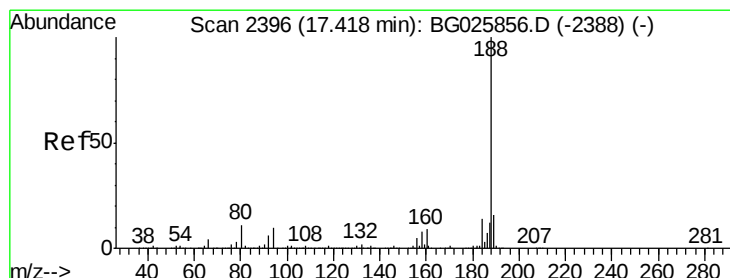
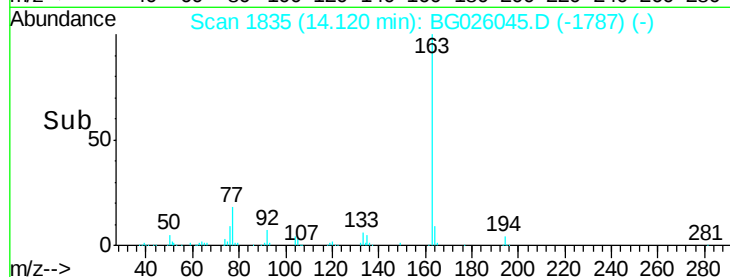
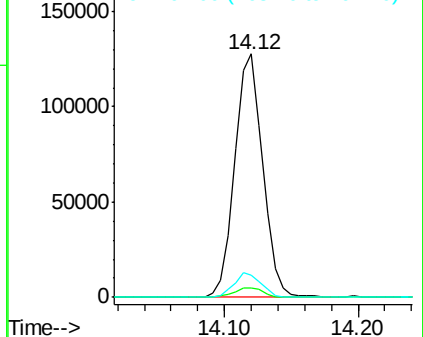
164 9.1 9.3 13.9#



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. -0.01 min

Lab File: BG026045.D

Acq: 3 Mar 2017 1:13

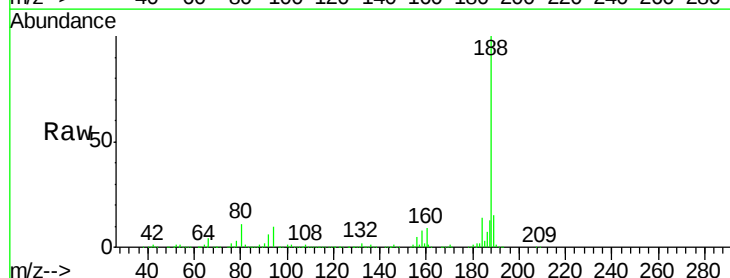
Tgt Ion:188 Resp: 579722

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.8#

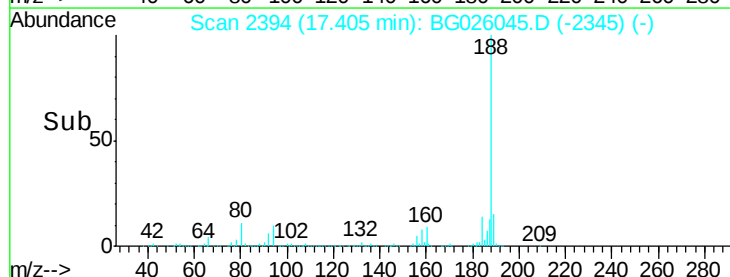
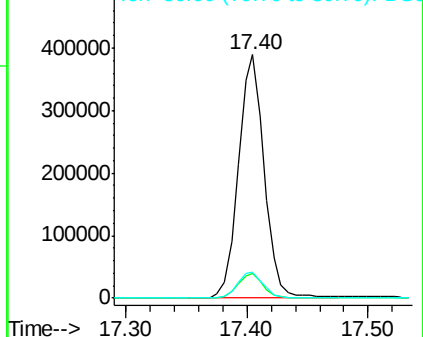
80 10.6 7.5 11.3

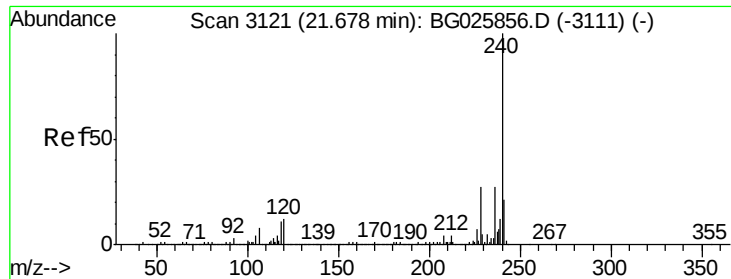


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3116

Delta R.T. -0.03 min

Lab File: BG026045.D

Acq: 3 Mar 2017 1:13

Instrument :

BNA_G

ClientSampleId :

11B-20

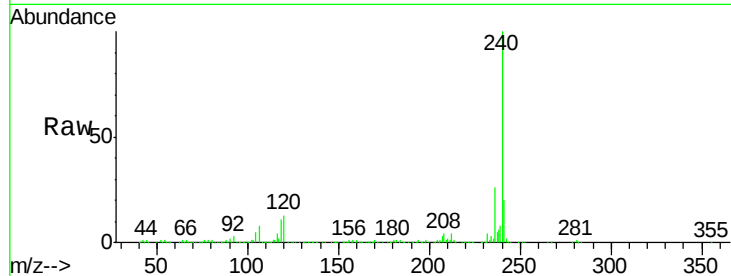
Tgt Ion:240 Resp: 548402

Ion Ratio Lower Upper

240 100

120 12.6 5.7 8.5#

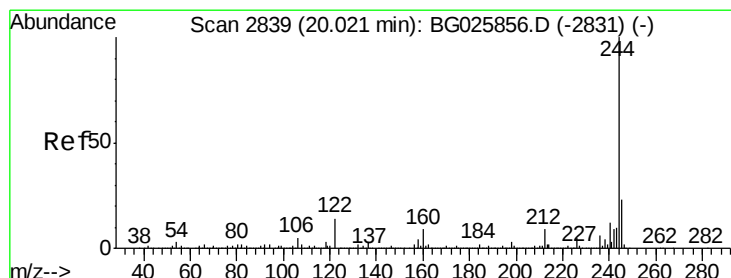
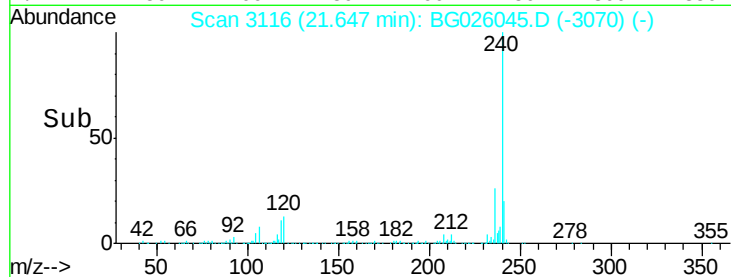
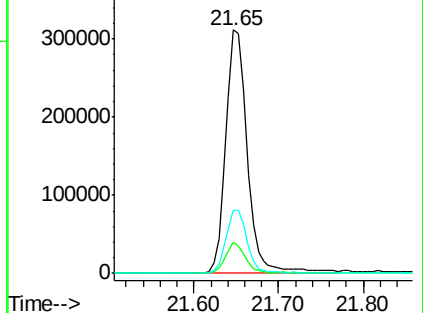
236 25.8 22.2 33.4



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: 63.56 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026045.D

Acq: 3 Mar 2017 1:13

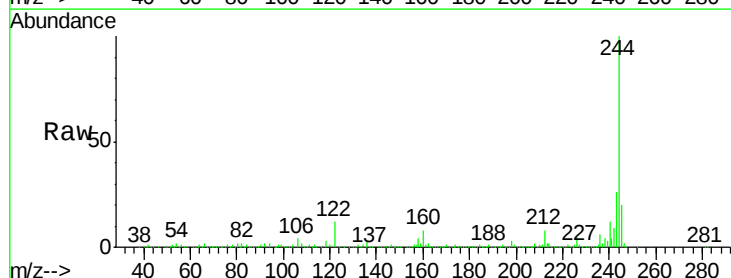
Tgt Ion:244 Resp: 1433113

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

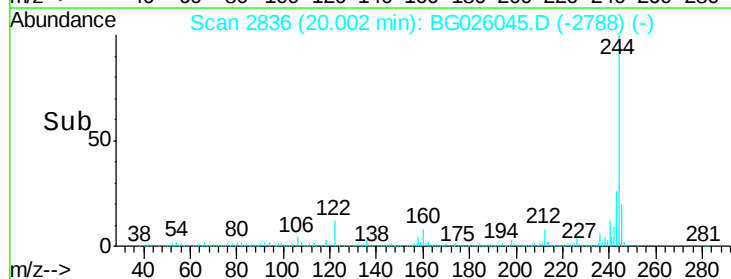
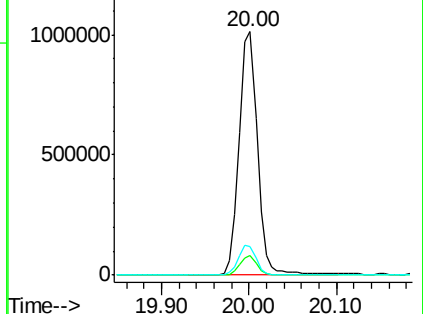
122 11.8 8.6 12.8

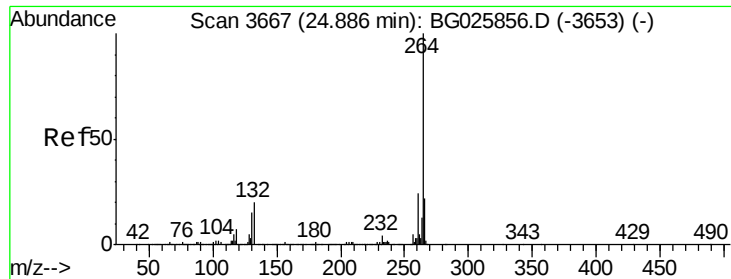


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3661
Delta R.T. -0.04 min
Lab File: BG026045.D
Acq: 3 Mar 2017 1:13

Instrument :
BNA_G
ClientSampleId :
11B-20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	21.9	18.2	27.4

