

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026002.D
 Acq On : 28 Feb 2017 18:19
 Operator : SJ/MA
 Sample : I2006-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013051

Quant Time: Mar 01 01:18:53 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

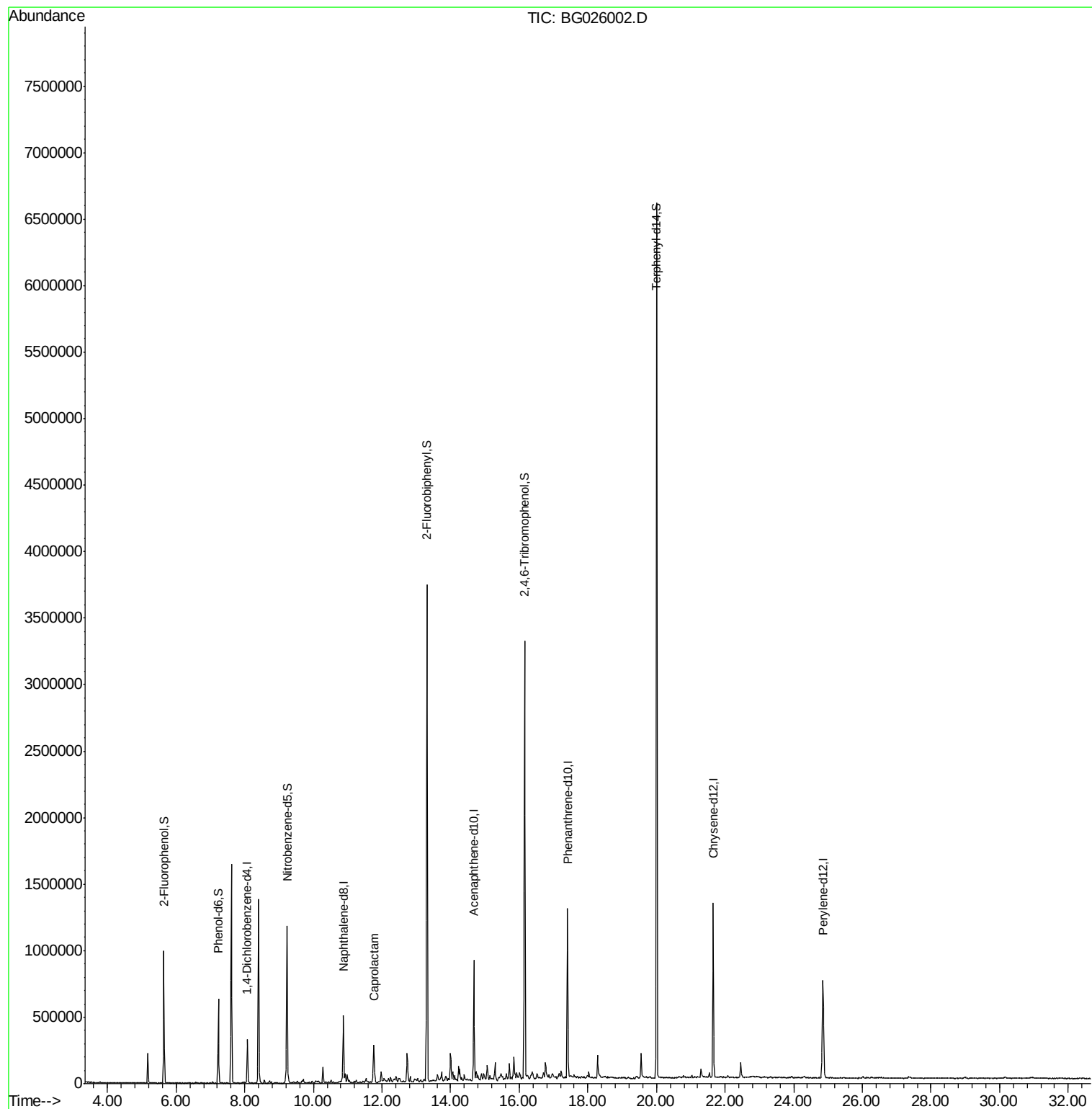
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	94535	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	441617	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	300159	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	779262	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	785864	20.00	ng	-0.02
86) Perylene-d12	24.86	264	754279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	447610	82.43	ng	-0.01
7) Phenol-d6	7.23	99	407839	50.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	739926	105.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	588839	212.34	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1919590	111.75	ng	-0.01
78) Terphenyl-d14	20.00	244	2805171	86.82	ng	-0.02
Target Compounds						
35) Caprolactam	11.76	113	62349	24.49	ng	Qvalue # 74

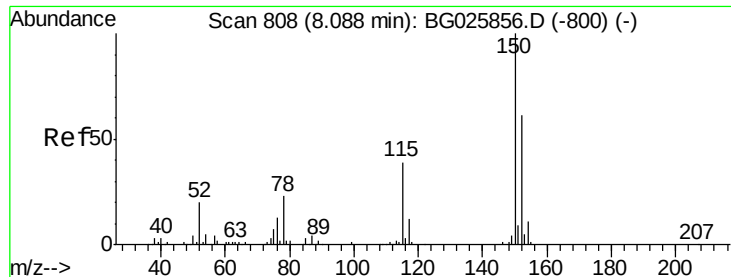
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_G

ClientSampleId :

C19013051

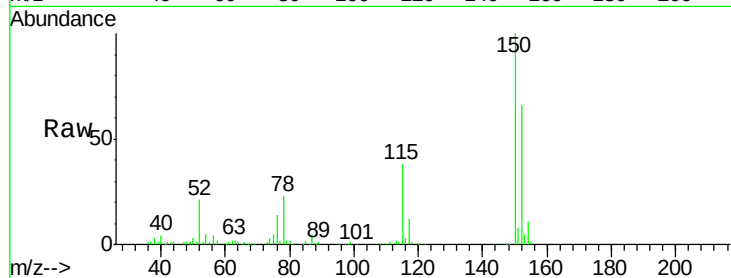
Tgt Ion:152 Resp: 94535

Ion Ratio Lower Upper

152 100

150 151.9 114.0 171.0

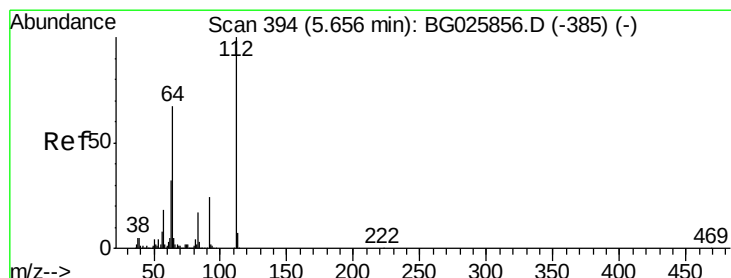
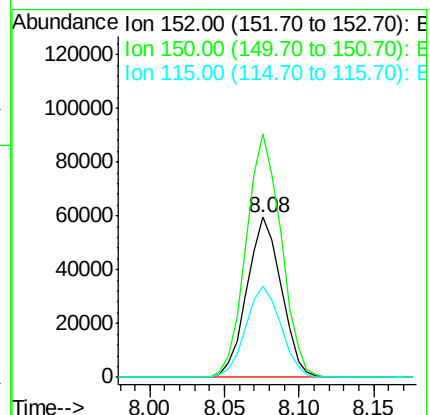
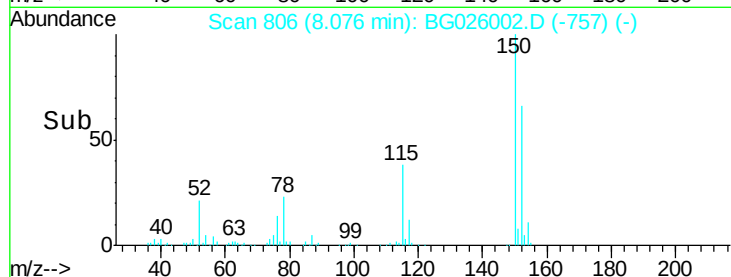
115 57.3 48.1 72.1



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: 82.43 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

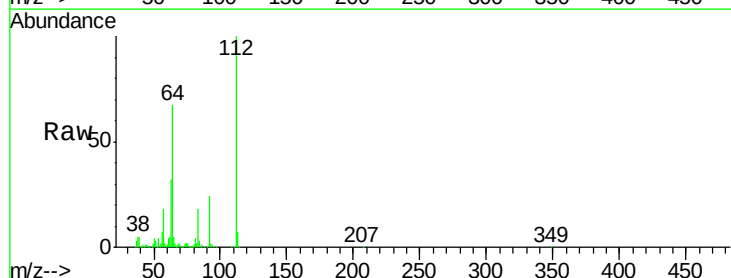
Tgt Ion:112 Resp: 447610

Ion Ratio Lower Upper

112 100

64 66.7 61.8 92.6

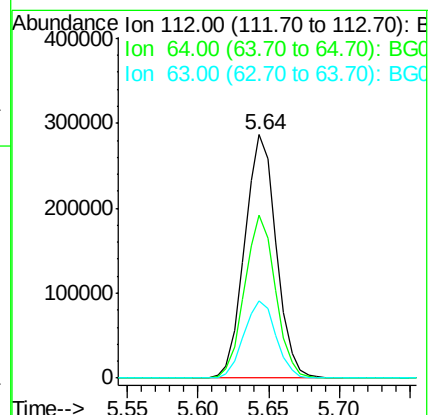
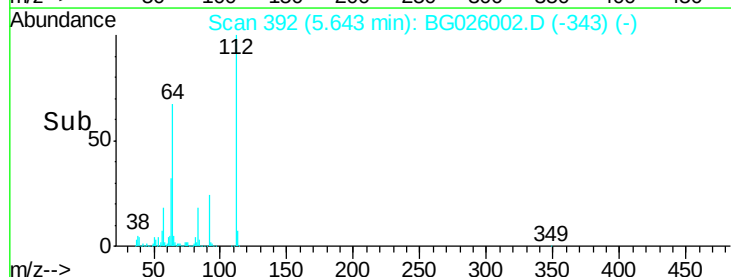
63 31.7 37.2 55.8#

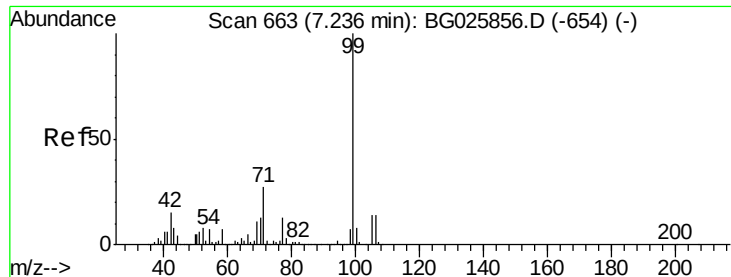


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.76 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_G

ClientSampleId :

C19013051

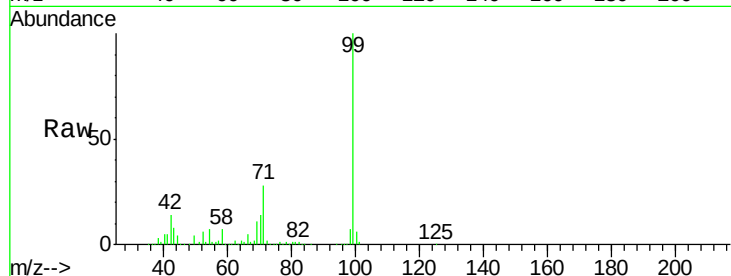
Tgt Ion: 99 Resp: 407839

Ion Ratio Lower Upper

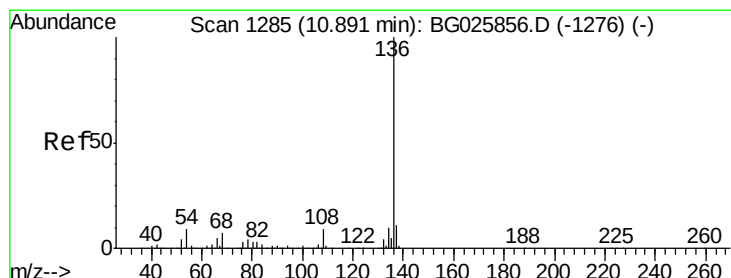
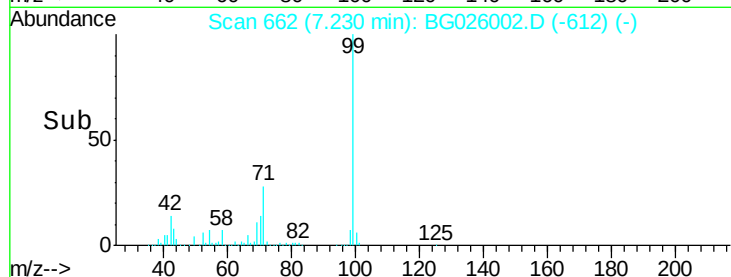
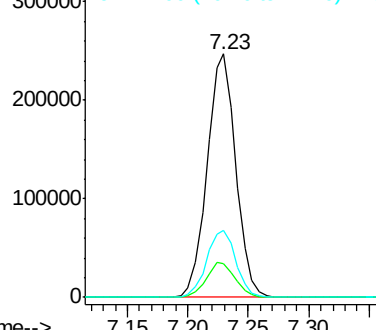
99 100

42 14.0 20.5 30.7#

71 27.7 37.6 56.4#



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: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

Tgt Ion: 136 Resp: 441617

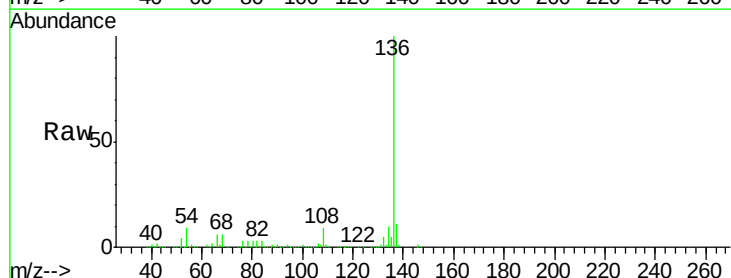
Ion Ratio Lower Upper

136 100

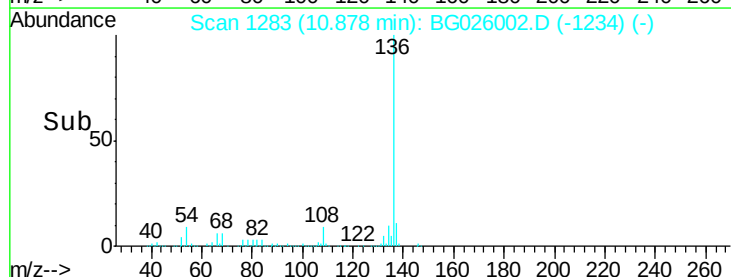
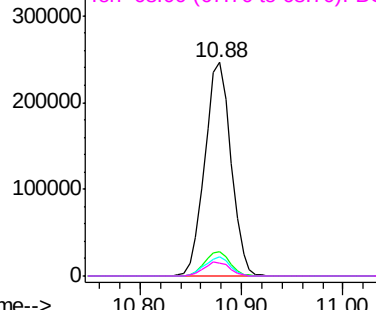
137 11.4 8.9 13.3

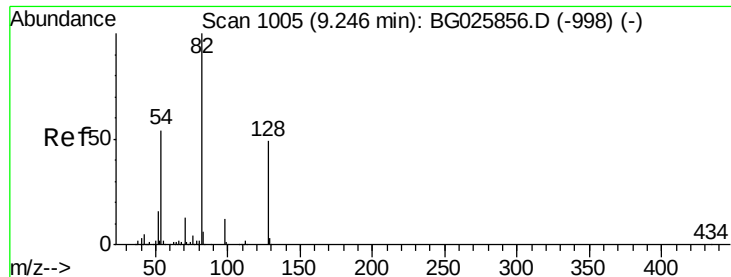
54 8.7 9.3 13.9#

68 6.2 5.1 7.7



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

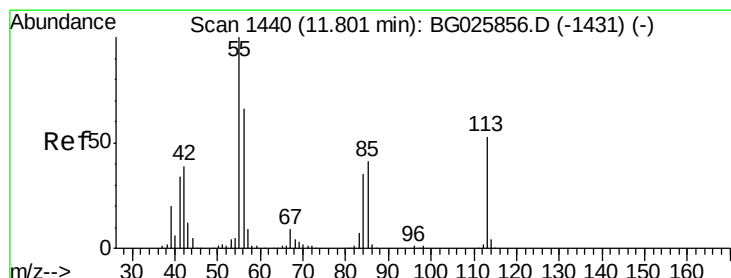
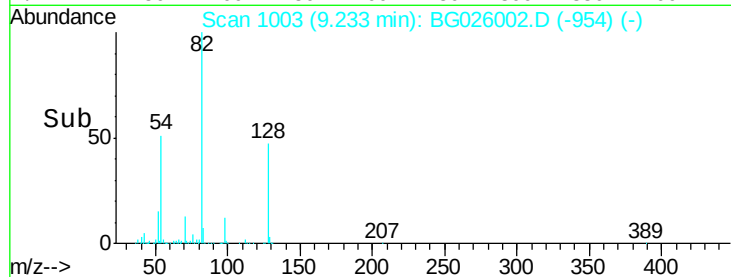
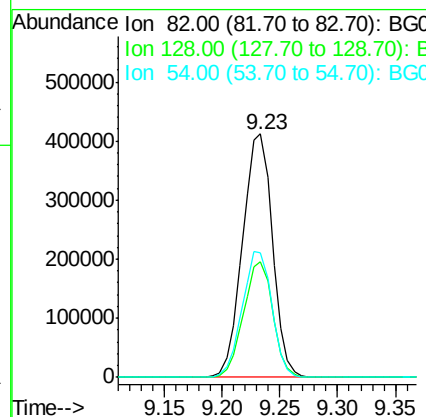
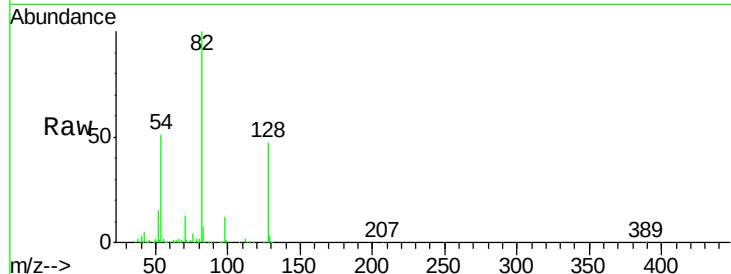




#23
 Nitrobenzene-d5
 Concen: 105.74 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026002.D
 Acq: 28 Feb 2017 18:19

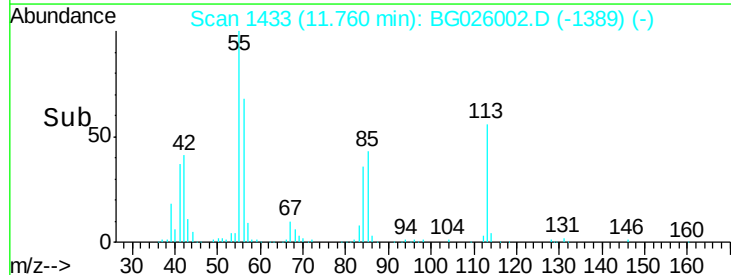
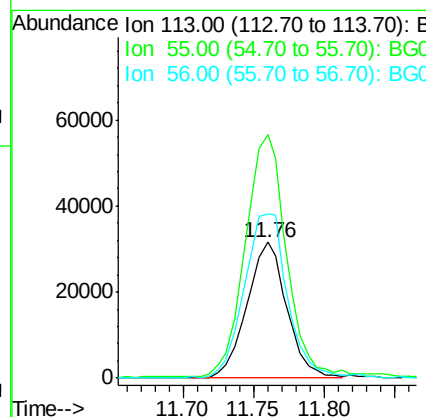
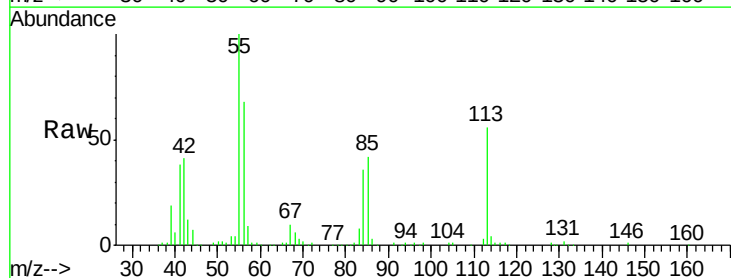
Instrument :
 BNA_G
 ClientSampled :
 C19013051

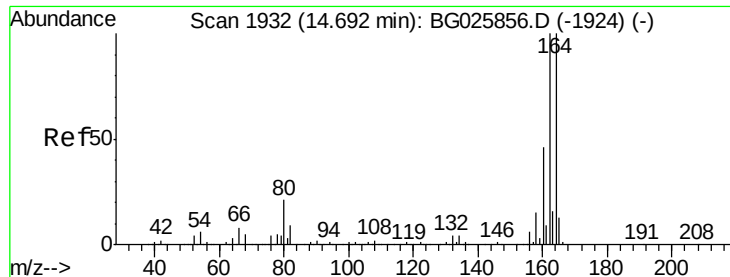
Tgt Ion: 82 Resp: 739926
 Ion Ratio Lower Upper
 82 100
 128 47.5 26.4 39.6#
 54 51.4 49.4 74.2



#35
 Caprolactam
 Concen: 24.49 ng
 RT: 11.76 min Scan# 1433
 Delta R.T. -0.04 min
 Lab File: BG026002.D
 Acq: 28 Feb 2017 18:19

Tgt Ion: 113 Resp: 62349
 Ion Ratio Lower Upper
 113 100
 55 179.7 198.6 238.6#
 56 121.7 140.4 180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_G

ClientSampleId :

C19013051

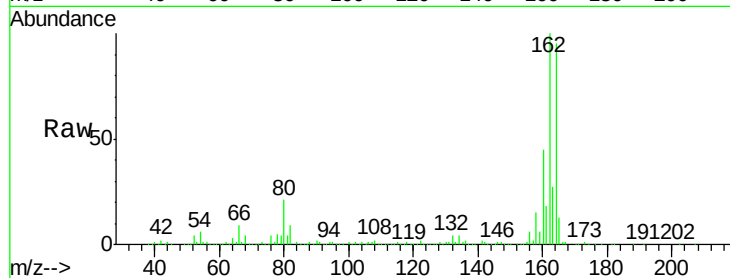
Tgt Ion:164 Resp: 300159

Ion Ratio Lower Upper

164 100

162 105.8 85.1 127.7

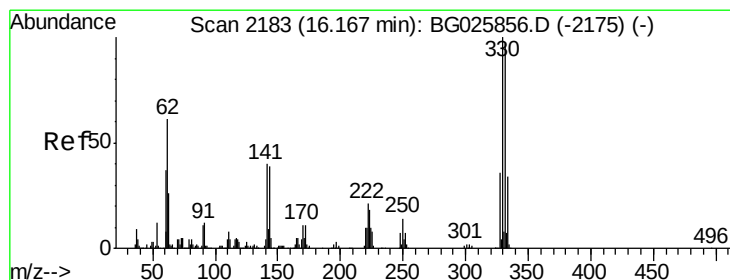
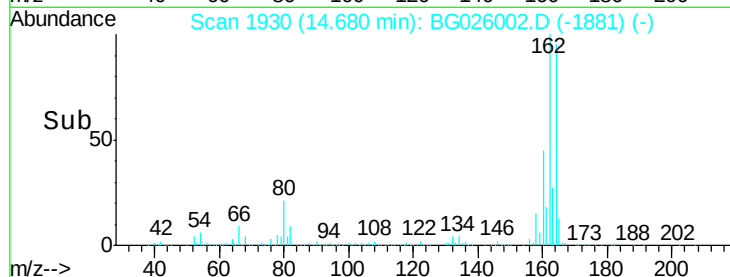
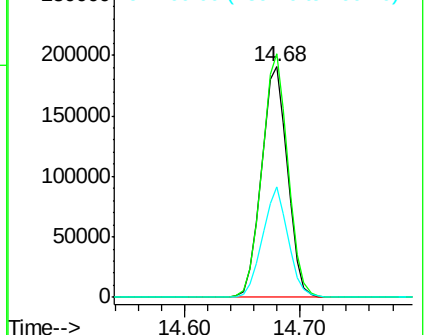
160 47.8 34.7 52.1



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: 212.34 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

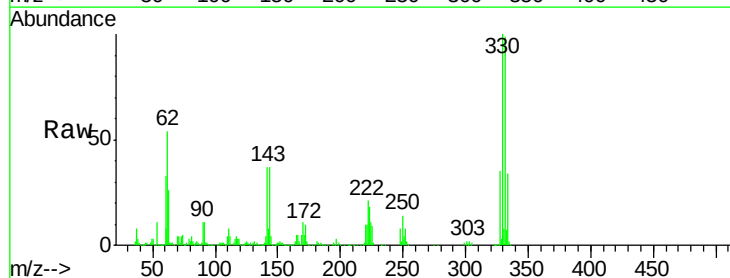
Tgt Ion:330 Resp: 588839

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

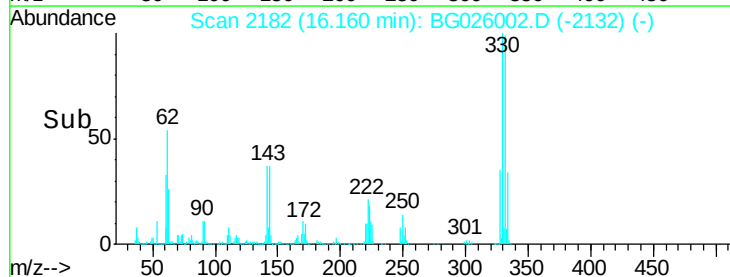
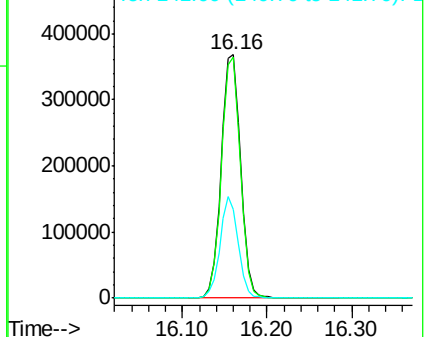
141 38.9 32.1 48.1

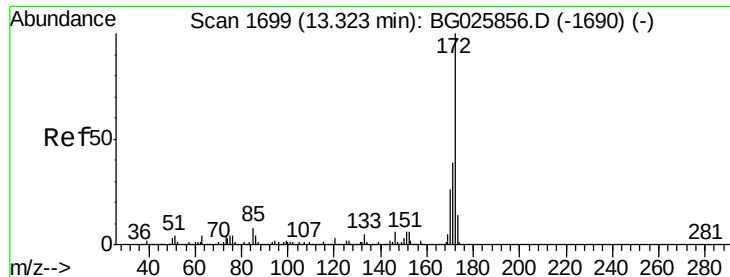


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

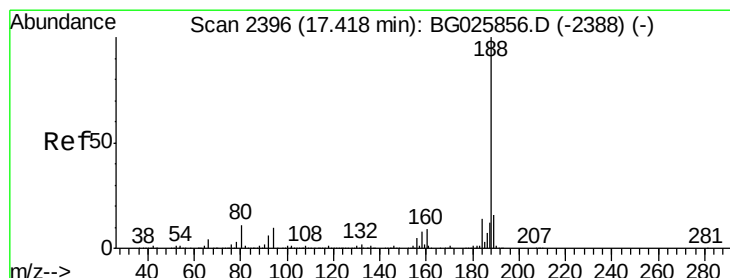
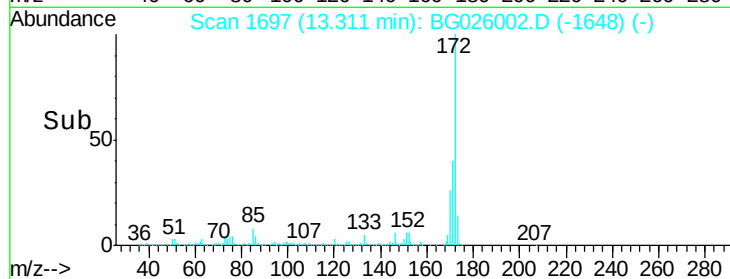
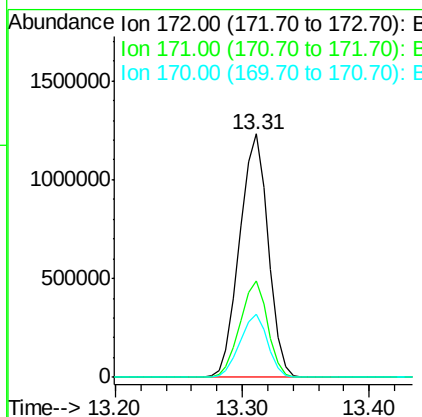
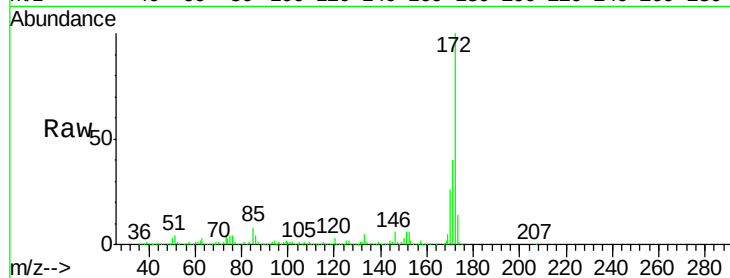




#44
 2-Fluorobiphenyl
 Concen: 111.75 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG026002.D
 Acq: 28 Feb 2017 18:19

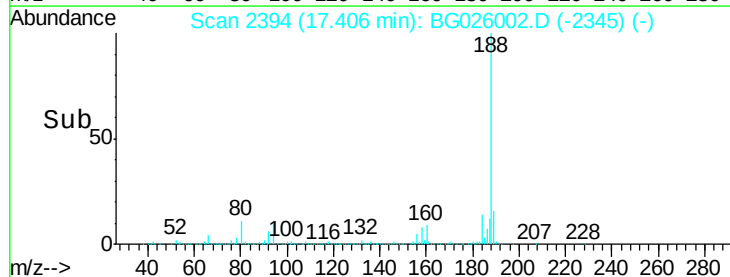
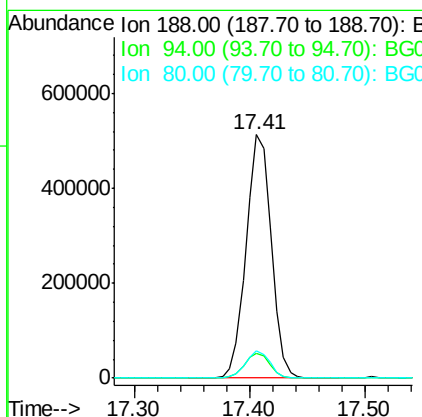
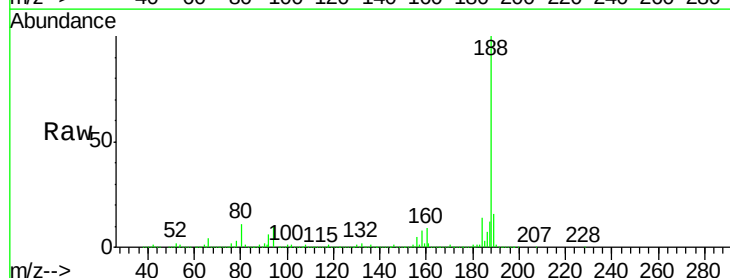
Instrument :
 BNA_G
 ClientSampleId :
 C19013051

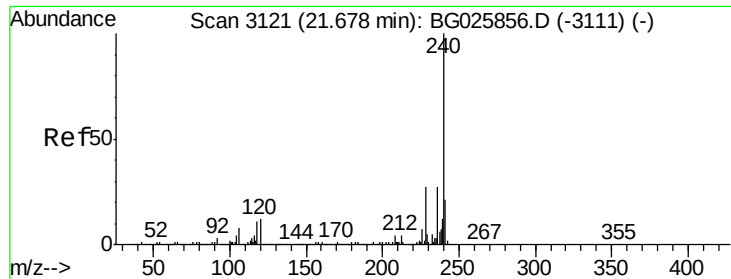
Tgt Ion:172 Resp: 1919590
 Ion Ratio Lower Upper
 172 100
 171 39.7 32.2 48.2
 170 26.2 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.41 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG026002.D
 Acq: 28 Feb 2017 18:19

Tgt Ion:188 Resp: 779262
 Ion Ratio Lower Upper
 188 100
 94 10.0 5.8 8.8#
 80 11.0 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

Instrument :

BNA_G

ClientSampleId :

C19013051

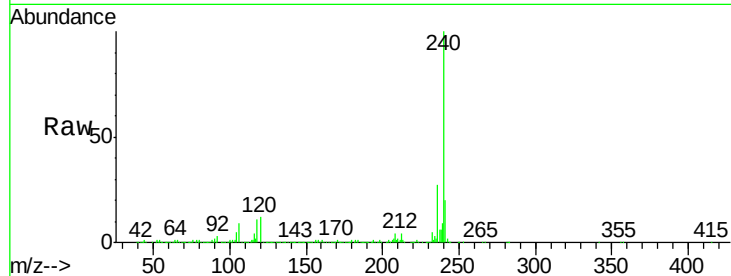
Tgt Ion:240 Resp: 785864

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

236 26.6 22.2 33.4



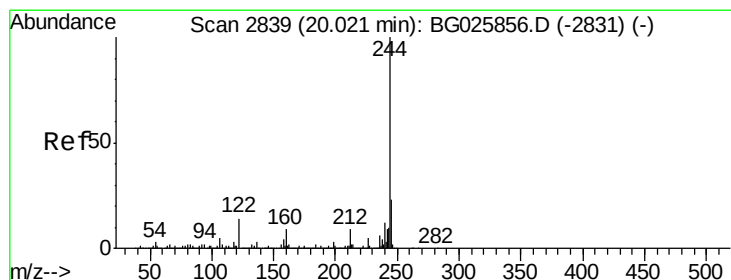
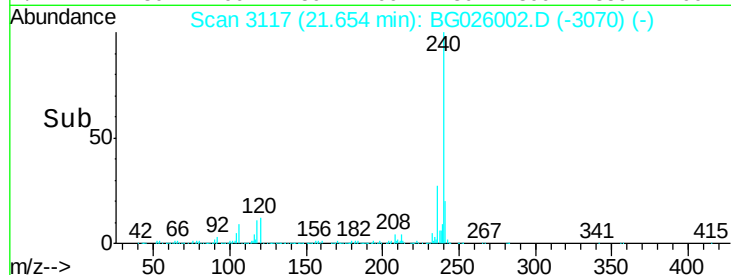
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.65

Time-->



#78

Terphenyl-d14

Concen: 86.82 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026002.D

Acq: 28 Feb 2017 18:19

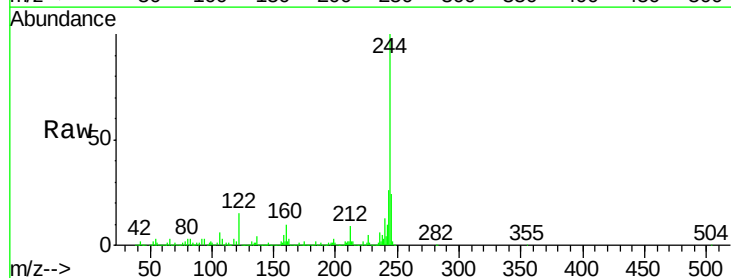
Tgt Ion:244 Resp: 2805171

Ion Ratio Lower Upper

244 100

212 9.4 10.0 15.0#

122 15.0 8.6 12.8#



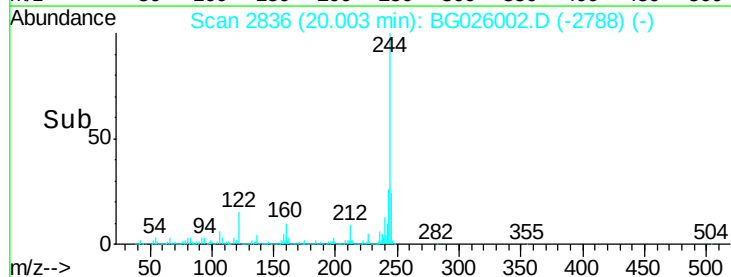
Abundance Ion 244.00 (243.70 to 244.70): E

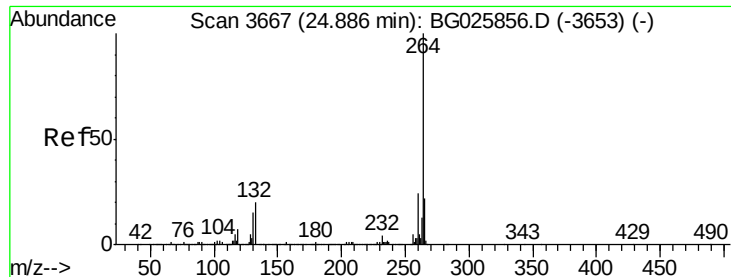
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.00

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.86 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG026002.D
Acq: 28 Feb 2017 18:19

Instrument :
BNA_G
ClientSampleId :
C19013051

Tgt Ion:	264	Resp:	754279
Ion Ratio	Lower	Upper	
264	100		
260	23.9	21.8	32.8
265	22.2	18.2	27.4

