

Data File : BG025998.D
Acq On : 28 Feb 2017 15:38
Operator : SJ/MA
Sample : PB97196BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97196BL

Quant Time: Mar 01 00:44:38 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	109728	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	510924	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	357902	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	1020004	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	1059662	20.00	ng	-0.02
86) Perylene-d12	24.85	264	1030405	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	832906	132.15	ng	-0.01
7) Phenol-d6	7.23	99	1139770	122.21	ng	0.00
23) Nitrobenzene-d5	9.23	82	608841	75.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	581812	175.95	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1723231	84.13	ng	-0.01
78) Terphenyl-d14	20.00	244	2857051	65.58	ng	-0.02

Target Compounds	Qvalue

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

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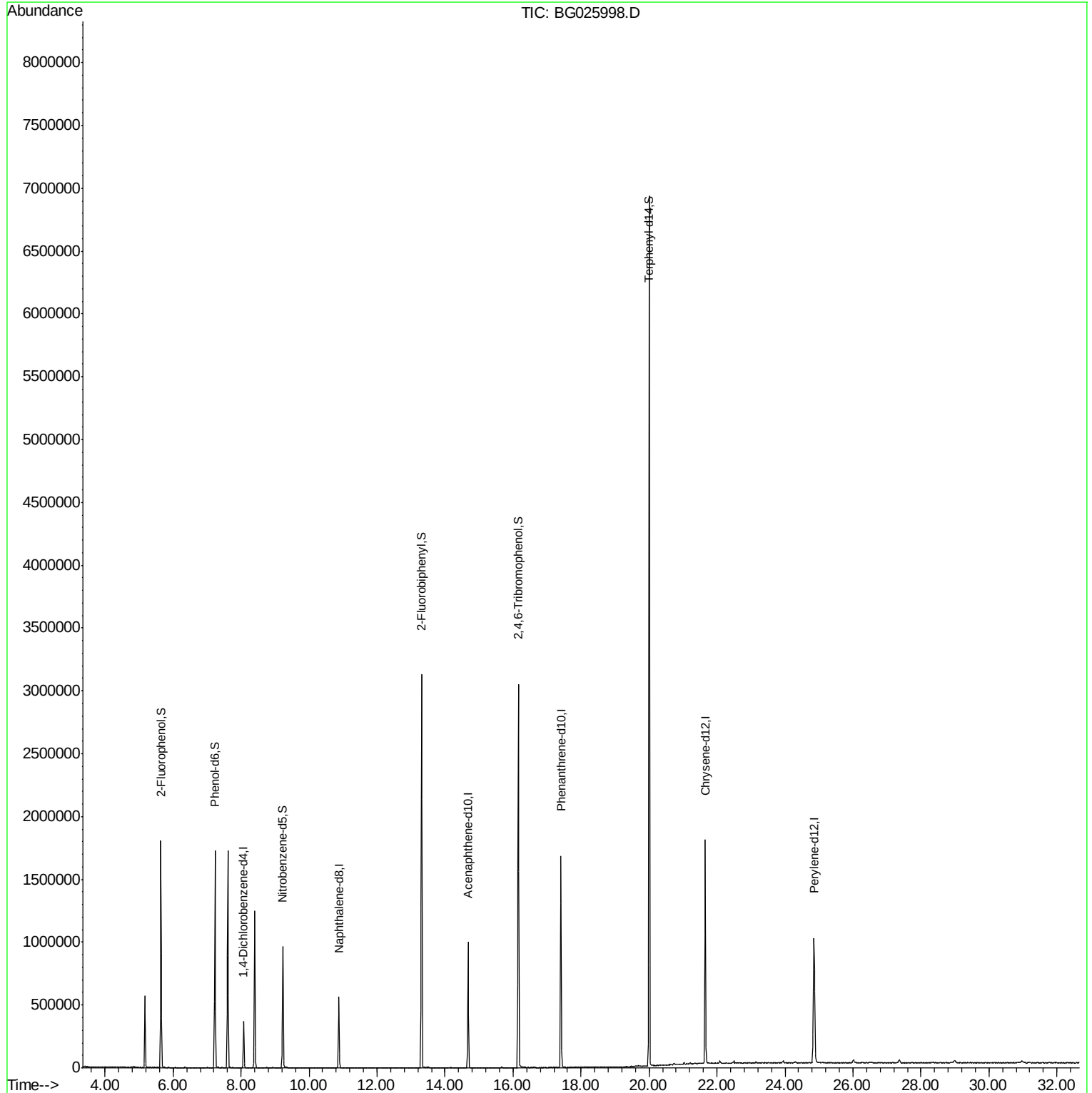
Quant Time: Mar 01 00:44:38 2017

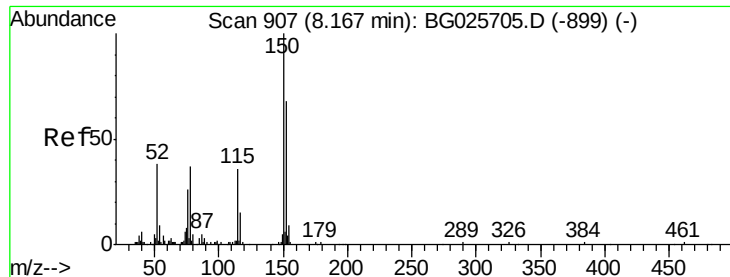
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 28 15:36:56 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

PB97196BL

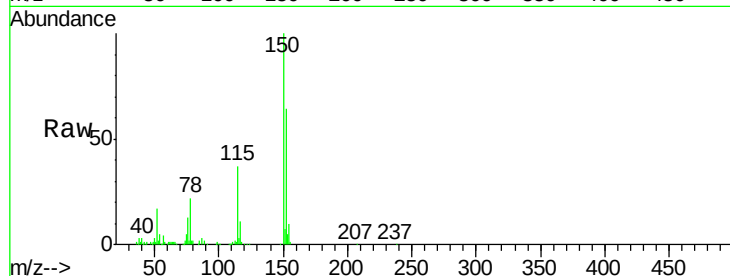
Tgt Ion:152 Resp: 109728

Ion Ratio Lower Upper

152 100

150 155.1 114.0 171.0

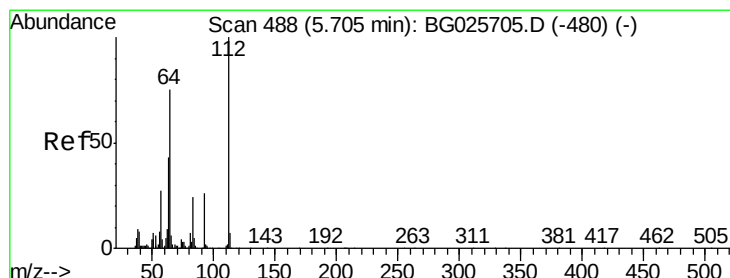
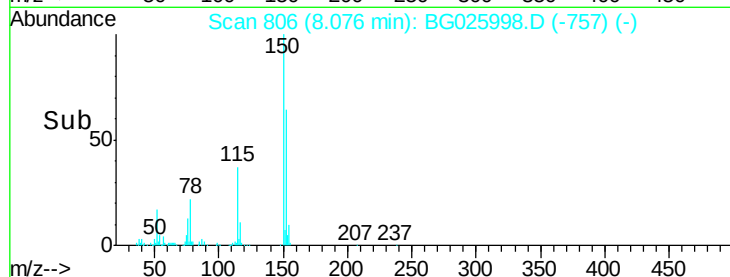
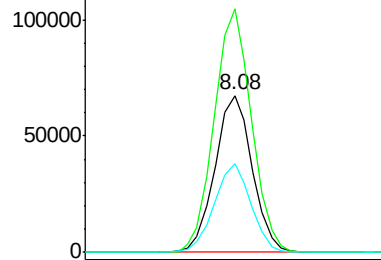
115 56.7 48.1 72.1



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: 132.15 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025998.D

Acq: 28 Feb 2017 15:38

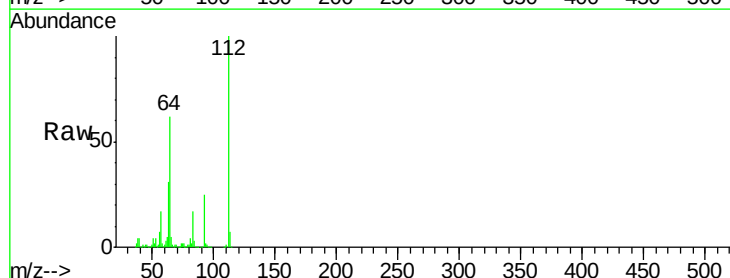
Tgt Ion:112 Resp: 832906

Ion Ratio Lower Upper

112 100

64 61.5 61.8 92.6#

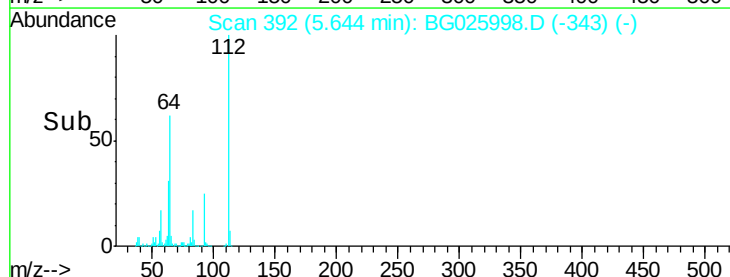
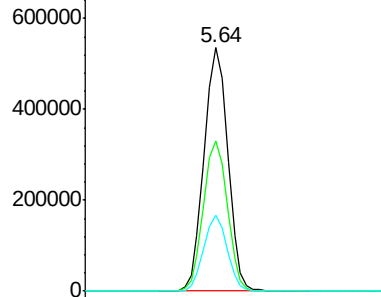
63 31.2 37.2 55.8#

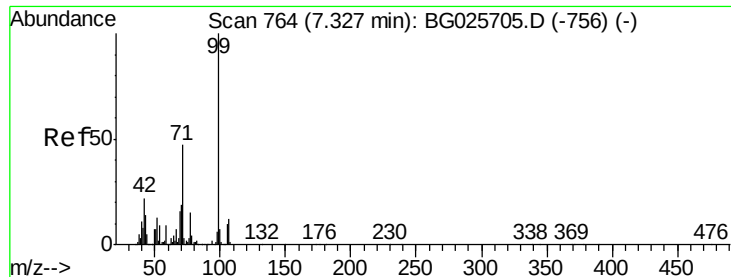


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.21 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

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Acq: 28 Feb 2017 15:38

Instrument :

BNA_G

ClientSampleId :

PB97196BL

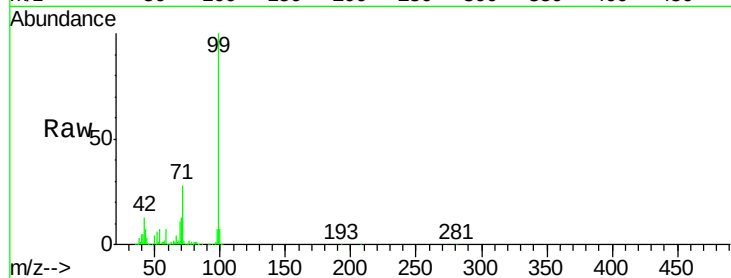
Tgt Ion: 99 Resp: 1139770

Ion Ratio Lower Upper

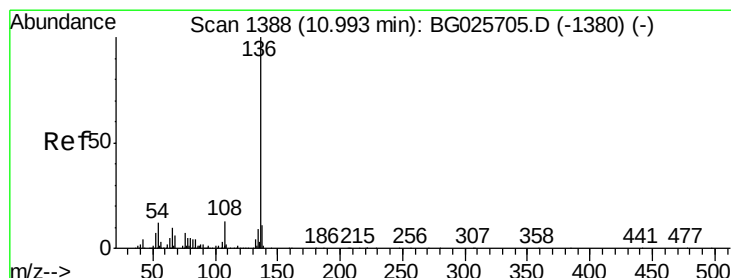
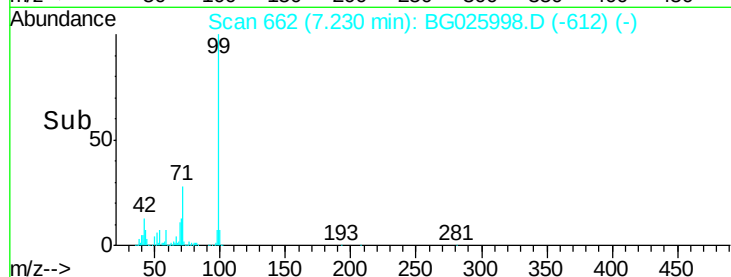
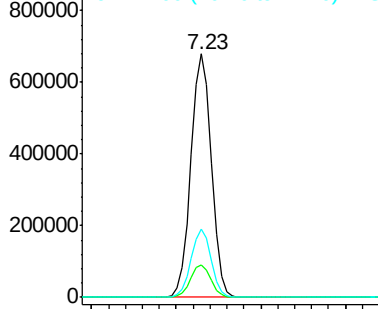
99 100

42 13.4 20.5 30.7#

71 27.9 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: BG025998.D

Acq: 28 Feb 2017 15:38

Tgt Ion: 136 Resp: 510924

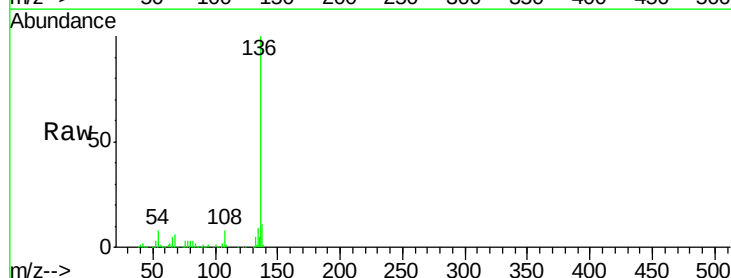
Ion Ratio Lower Upper

136 100

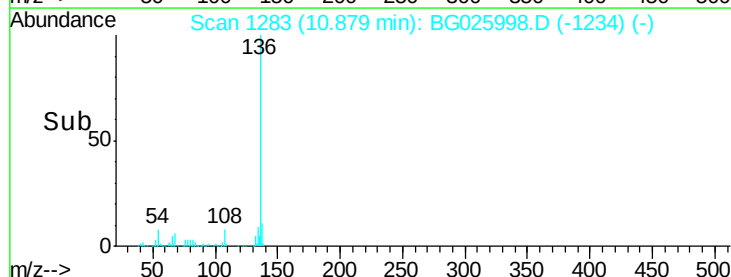
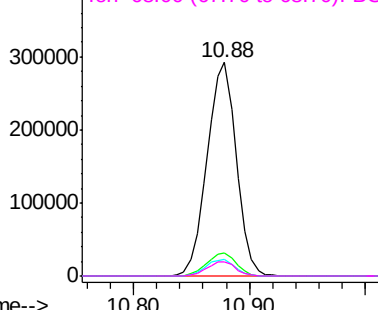
137 10.7 8.9 13.3

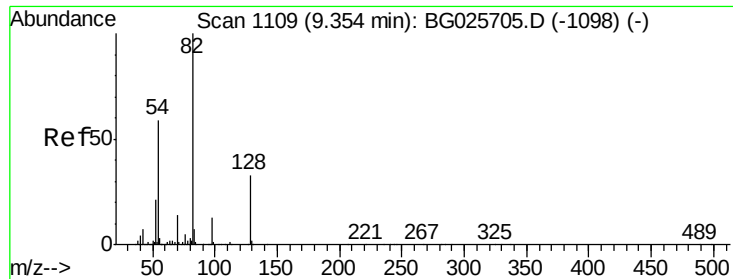
54 7.9 9.3 13.9#

68 6.5 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

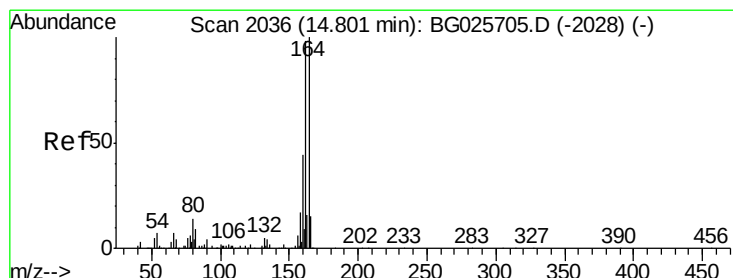
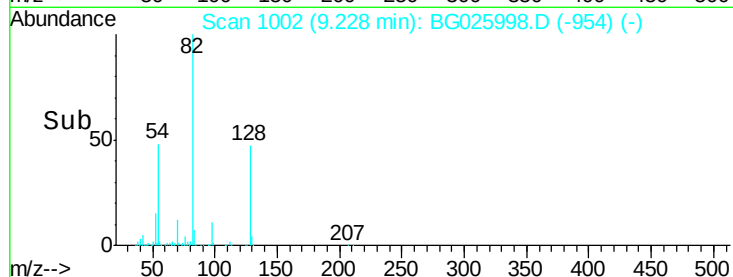
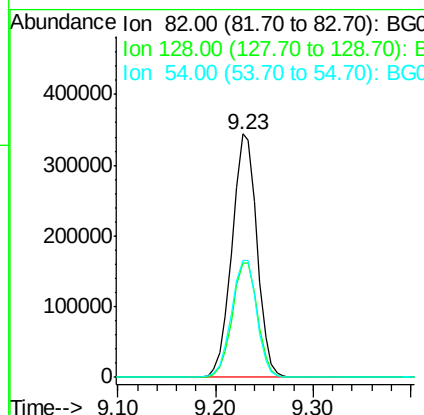
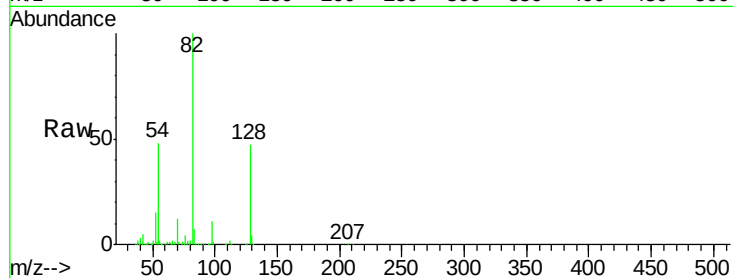




#23
 Nitrobenzene-d5
 Concen: 75.20 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG025998.D
 Acq: 28 Feb 2017 15:38

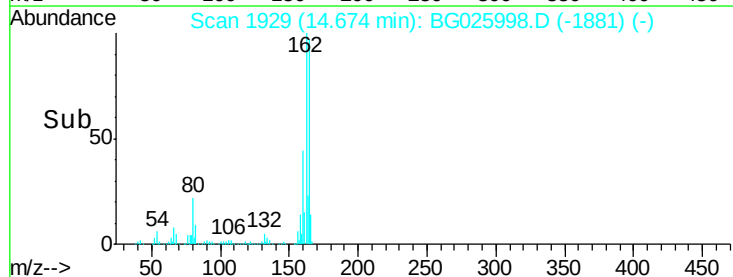
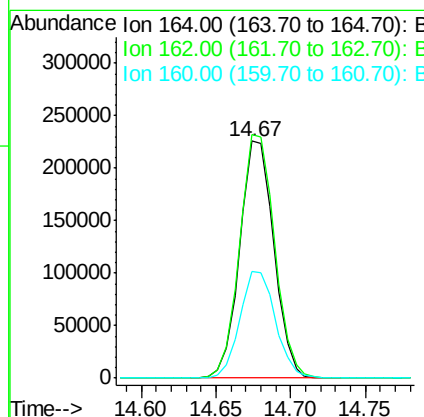
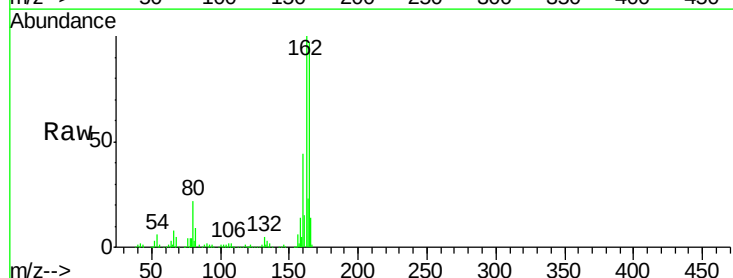
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BL

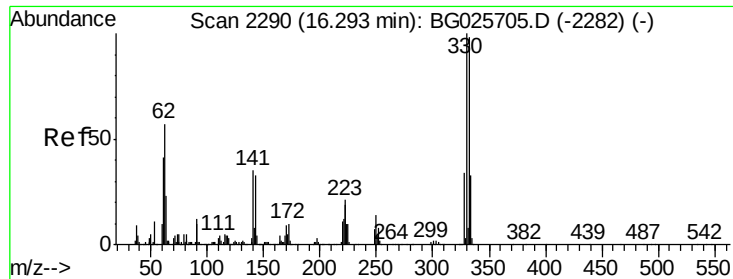
Tgt Ion: 82 Resp: 608841
 Ion Ratio Lower Upper
 82 100
 128 47.2 26.4 39.6#
 54 48.0 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG025998.D
 Acq: 28 Feb 2017 15:38

Tgt Ion: 164 Resp: 357902
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.1 127.7
 160 45.1 34.7 52.1

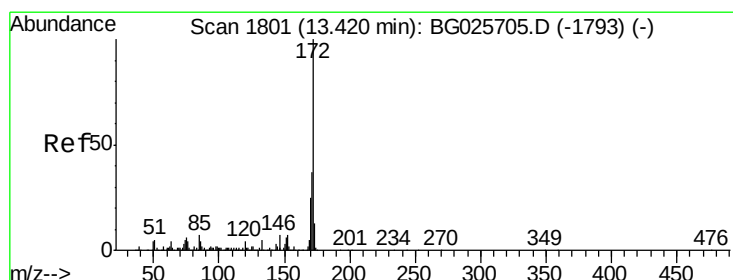
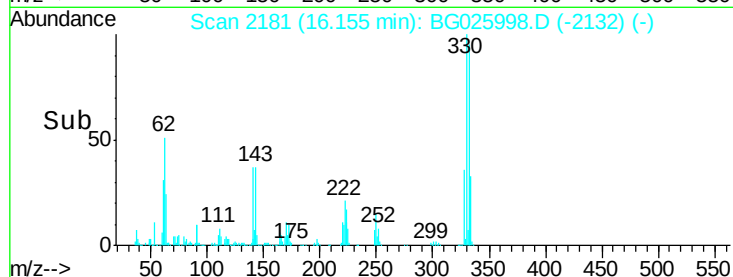
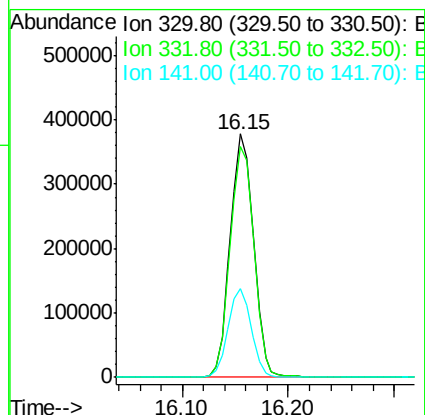
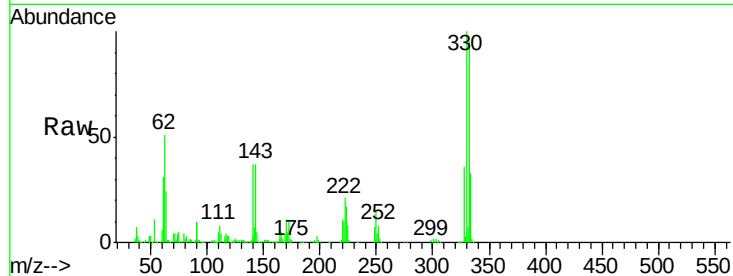




#41
2,4,6-Tribromophenol
Concen: 175.95 ng
RT: 16.15 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG025998.D
Acq: 28 Feb 2017 15:38

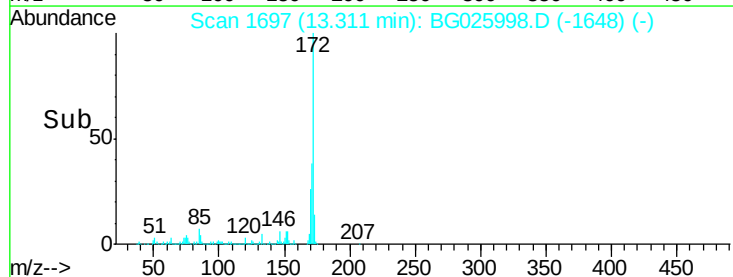
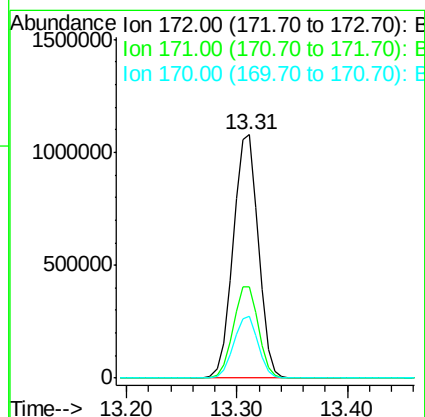
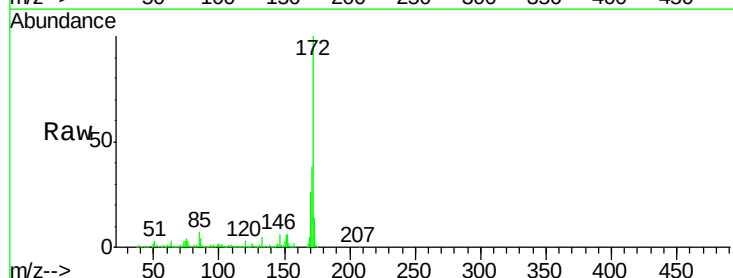
Instrument :
BNA_G
ClientSampleId :
PB97196BL

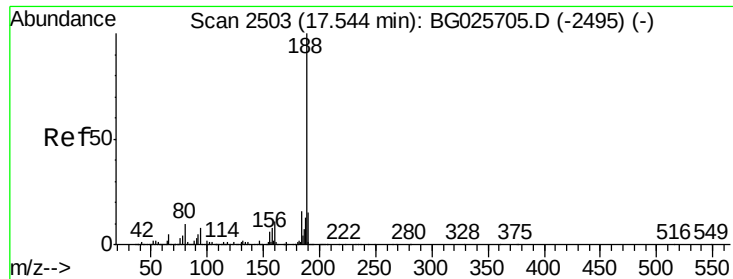
Tgt Ion:330 Resp: 581812
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 35.8 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 84.13 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025998.D
Acq: 28 Feb 2017 15:38

Tgt Ion:172 Resp: 1723231
Ion Ratio Lower Upper
172 100
171 37.7 32.2 48.2
170 25.7 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: BG025998.D

Acq: 28 Feb 2017 15:38

Instrument :

BNA_G

ClientSampleId :

PB97196BL

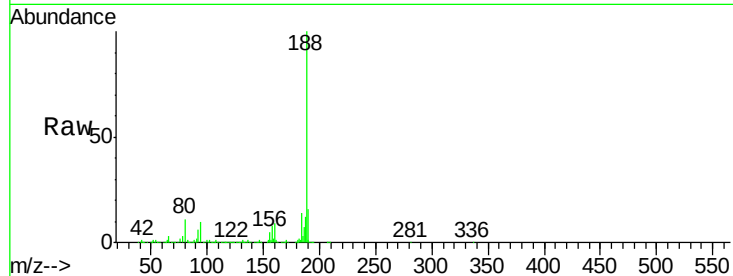
Tgt Ion:188 Resp: 1020004

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

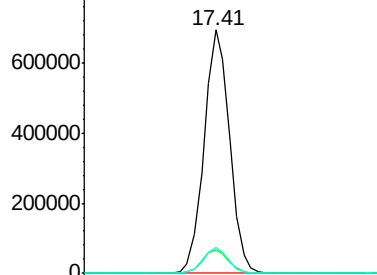
80 10.7 7.5 11.3



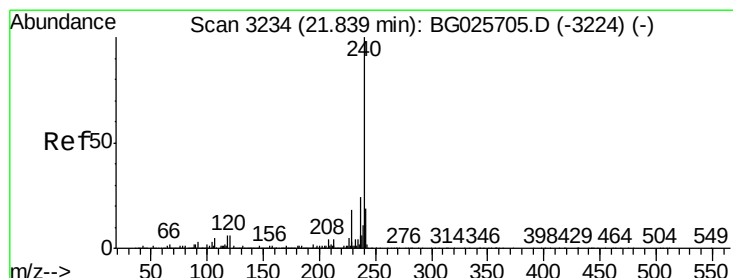
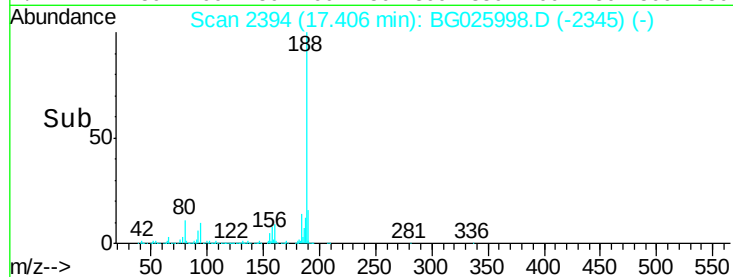
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time--> 17.30 17.40 17.50



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BG025998.D

Acq: 28 Feb 2017 15:38

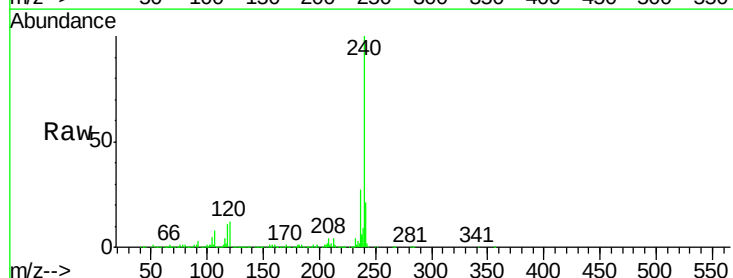
Tgt Ion:240 Resp: 1059662

Ion Ratio Lower Upper

240 100

120 11.9 5.7 8.5#

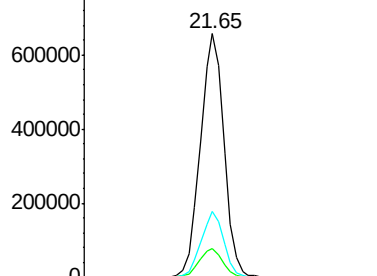
236 26.8 22.2 33.4



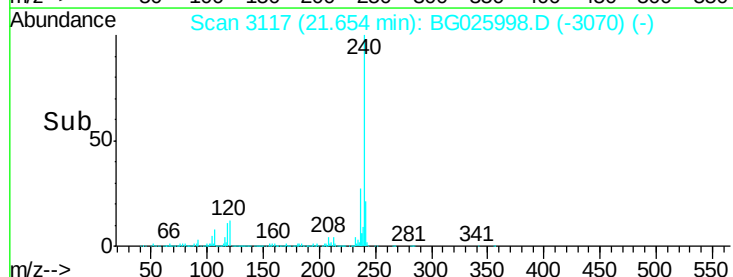
Abundance Ion 240.00 (239.70 to 240.70): E

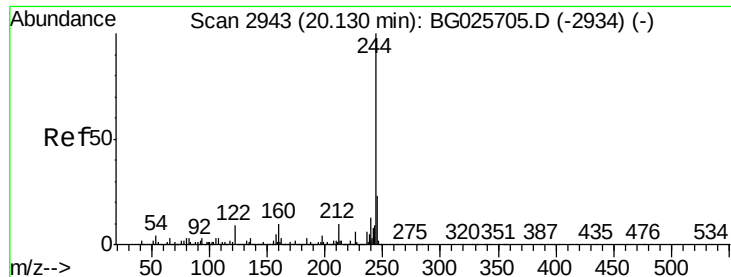
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70





#78

Terphenyl-d14

Concen: 65.58 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG025998.D

Acq: 28 Feb 2017 15:38

Instrument :

BNA_G

ClientSampled :

PB97196BL

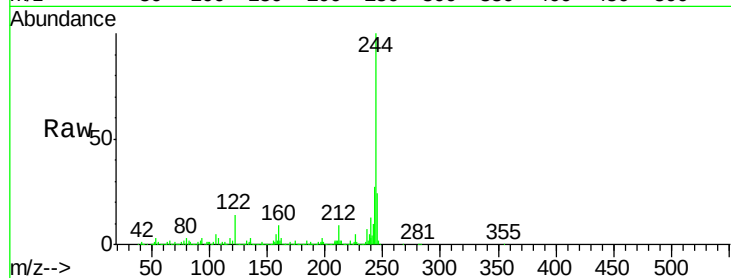
Tgt Ion:244 Resp: 2857051

Ion Ratio Lower Upper

244 100

212 9.2 10.0 15.0#

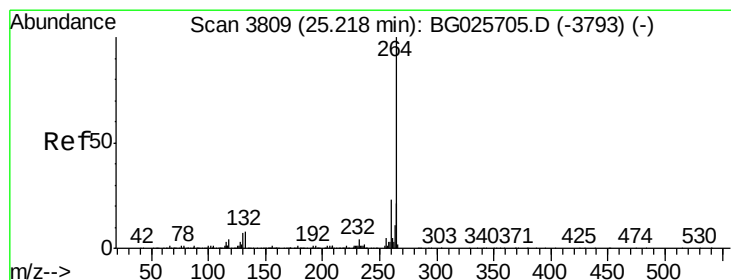
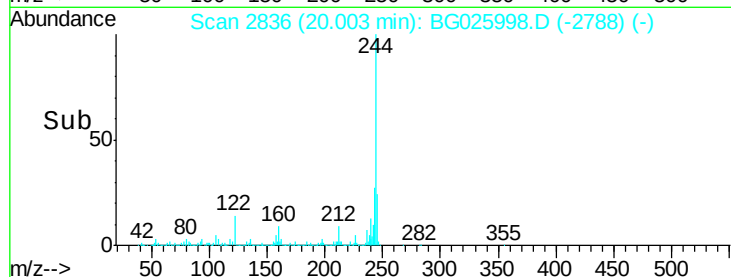
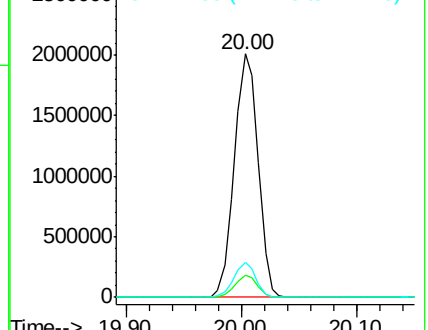
122 14.4 8.6 12.8#



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: BG025998.D

Acq: 28 Feb 2017 15:38

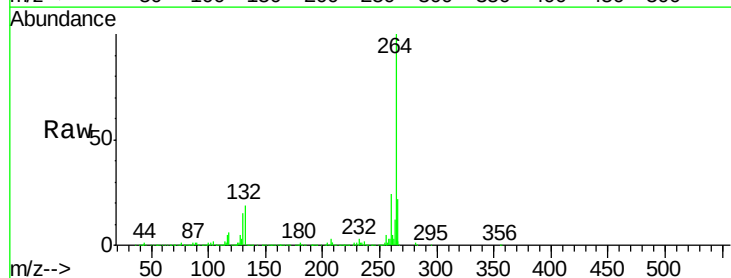
Tgt Ion:264 Resp: 1030405

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.1 18.2 27.4



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

