

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG025997.D
 Acq On : 28 Feb 2017 14:56
 Operator : SJ/MA
 Sample : PB94232BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94232BL

Quant Time: Mar 01 00:44:25 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	90962	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	420479	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	288570	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	842829	20.00	ng	0.00
75) Chrysene-d12	21.65	240	885305	20.00	ng	-0.03
86) Perylene-d12	24.85	264	863916	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	821753	157.28	ng	0.00
7) Phenol-d6	7.23	99	1116709	144.44	ng	0.00
23) Nitrobenzene-d5	9.23	82	598004	89.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	573840	215.24	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1677138	101.56	ng	-0.02
78) Terphenyl-d14	20.01	244	2822775	77.55	ng	-0.02

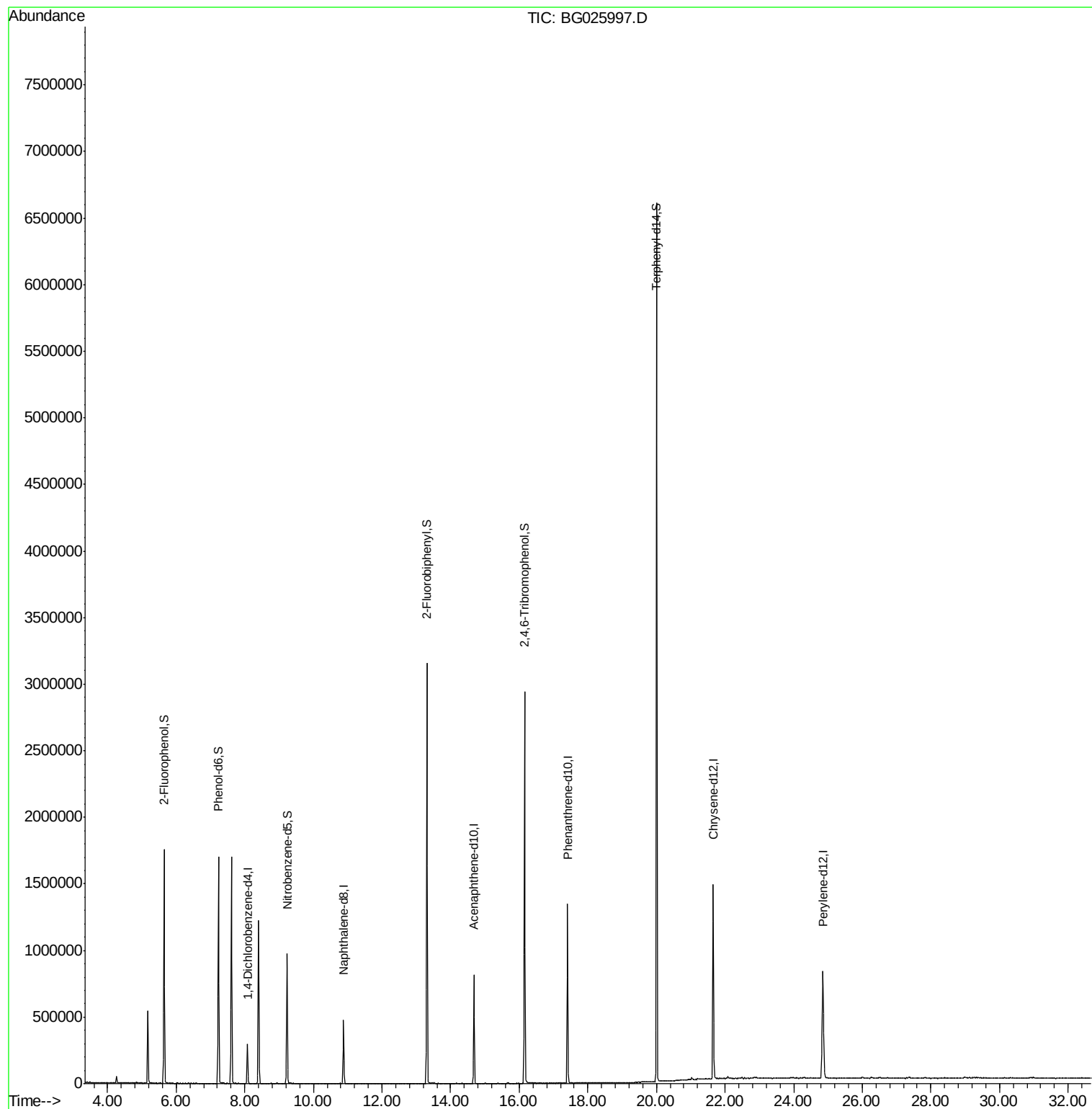
Target Compounds	Qvalue
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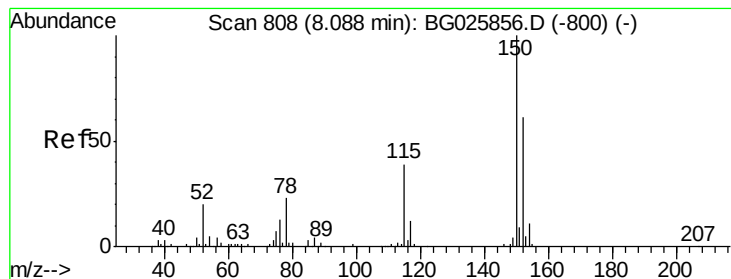
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG025997.D

Acq: 28 Feb 2017 14:56

Instrument :

BNA_G

ClientSampled :

PB94232BL

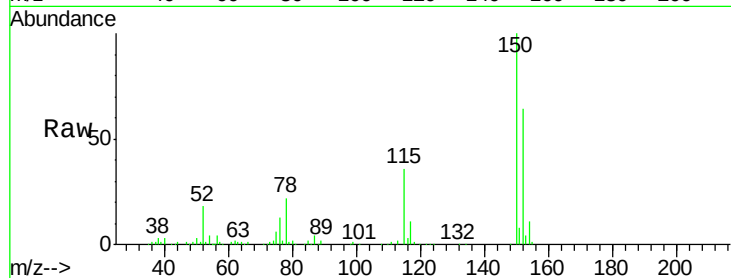
Tgt Ion:152 Resp: 90962

Ion Ratio Lower Upper

152 100

150 156.1 114.0 171.0

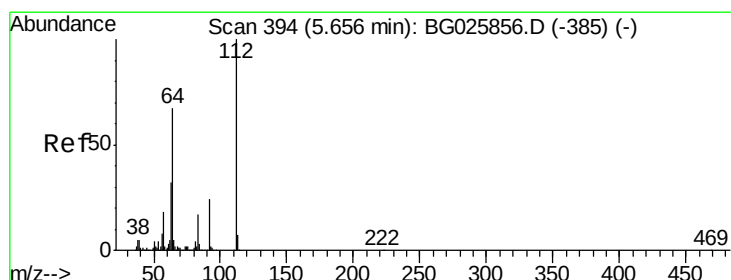
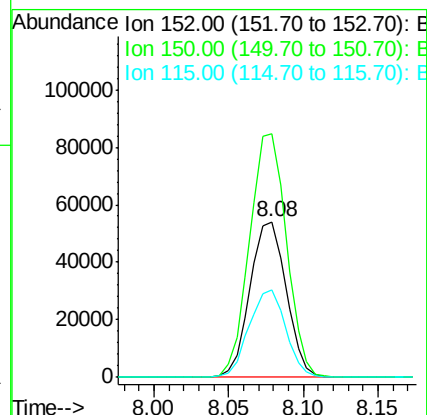
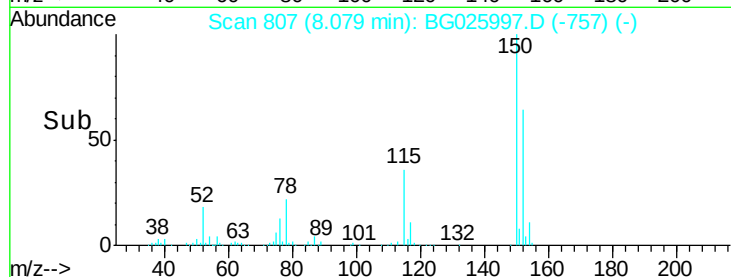
115 55.7 48.1 72.1



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: 157.28 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025997.D

Acq: 28 Feb 2017 14:56

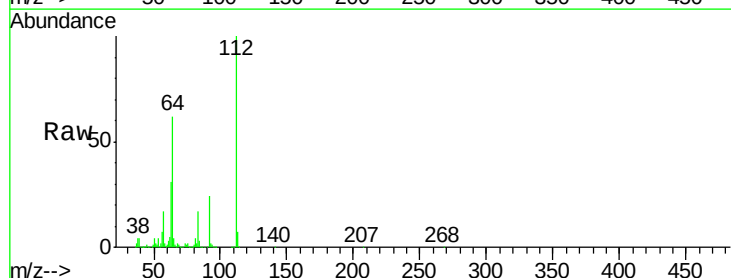
Tgt Ion:112 Resp: 821753

Ion Ratio Lower Upper

112 100

64 62.1 61.8 92.6

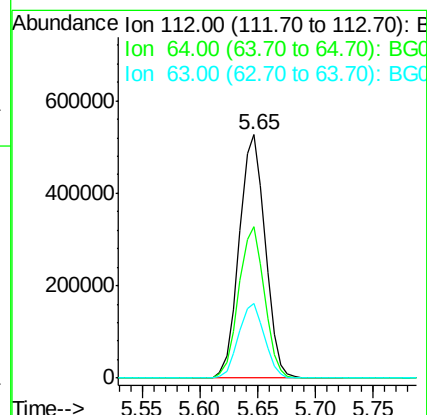
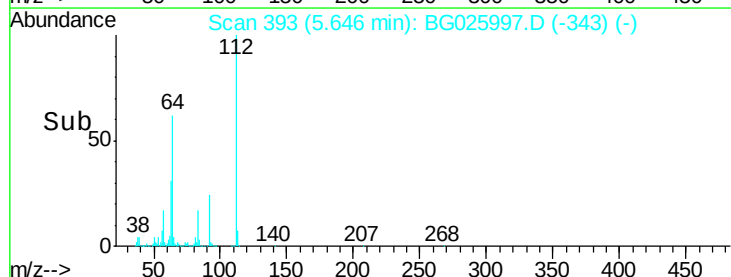
63 30.6 37.2 55.8#

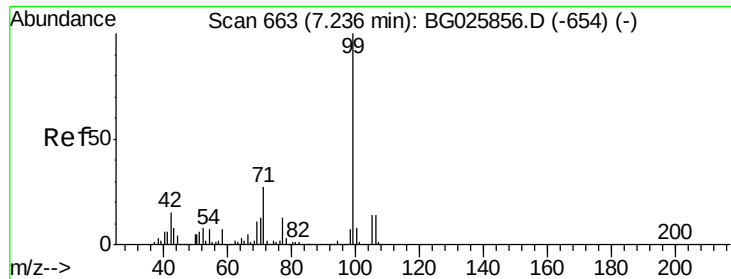


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.44 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025997.D

Acq: 28 Feb 2017 14:56

Instrument :

BNA_G

ClientSampleId :

PB94232BL

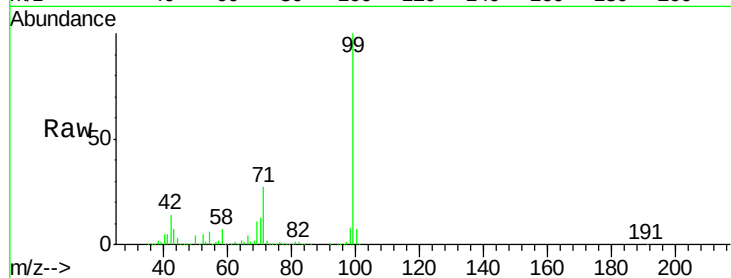
Tgt Ion: 99 Resp: 1116709

Ion Ratio Lower Upper

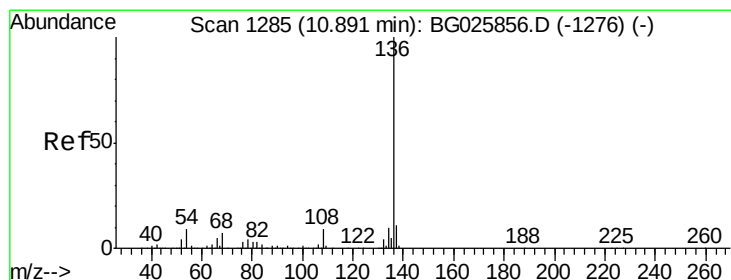
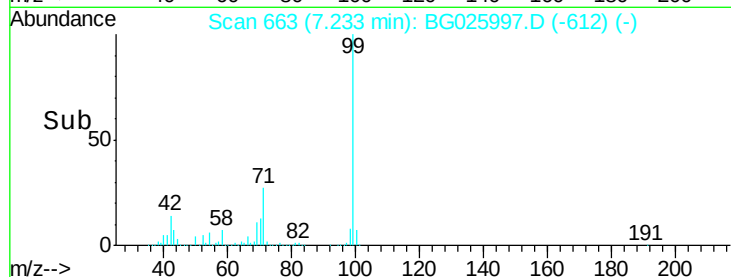
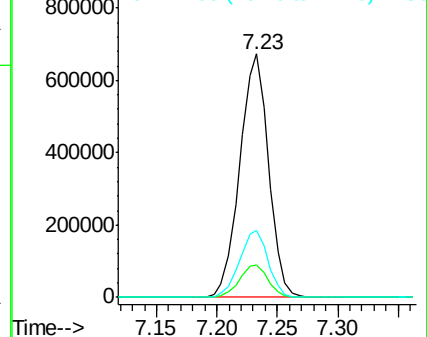
99 100

42 13.5 20.5 30.7#

71 27.4 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. -0.02 min

Lab File: BG025997.D

Acq: 28 Feb 2017 14:56

Tgt Ion: 136 Resp: 420479

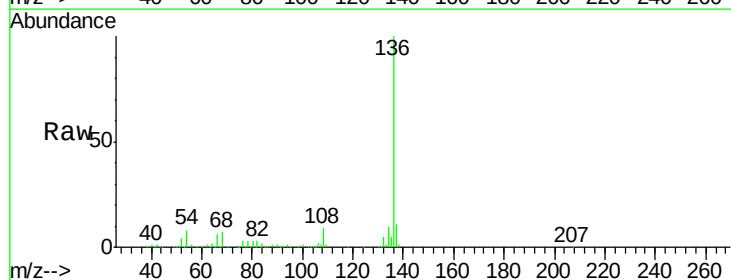
Ion Ratio Lower Upper

136 100

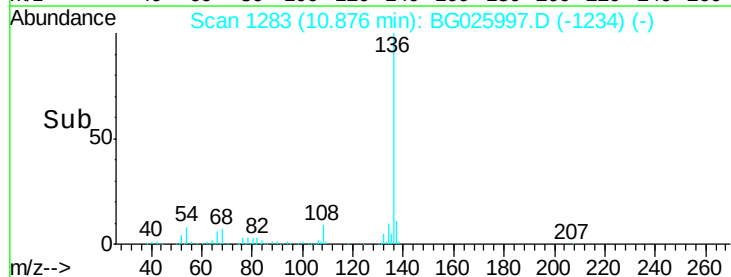
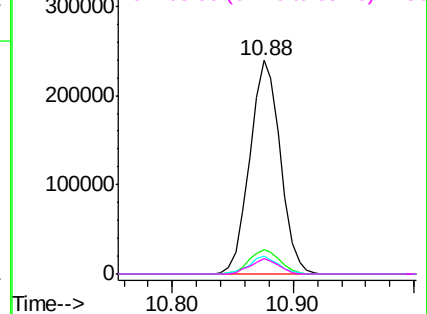
137 11.2 8.9 13.3

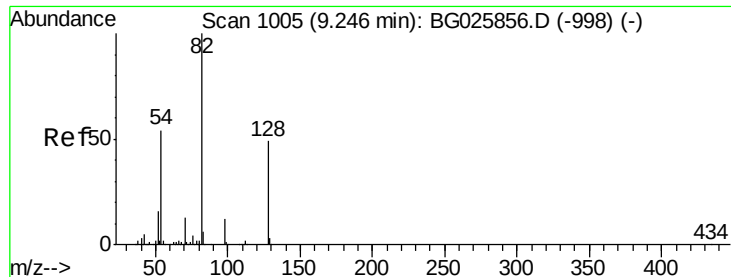
54 8.4 9.3 13.9#

68 6.9 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

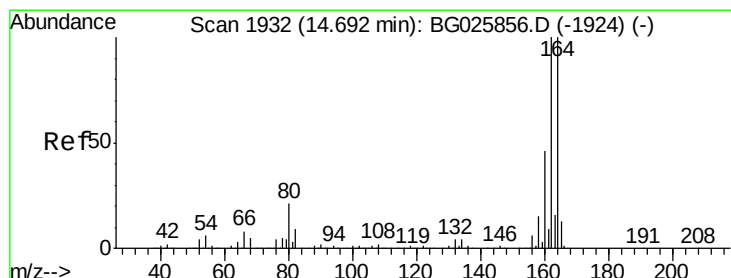
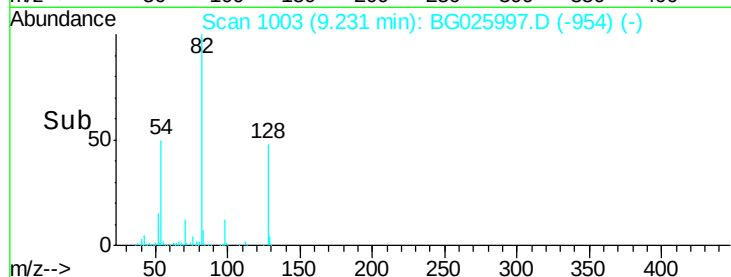
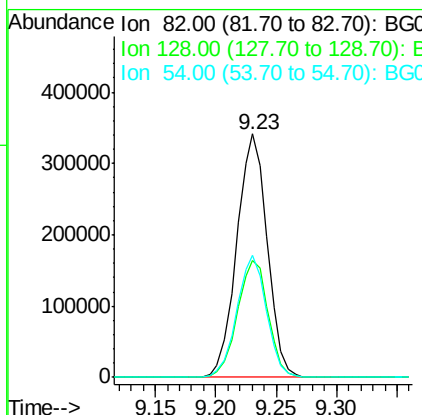
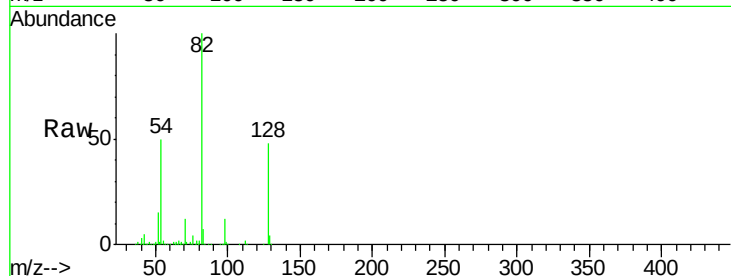




#23
 Nitrobenzene-d5
 Concen: 89.75 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG025997.D
 Acq: 28 Feb 2017 14:56

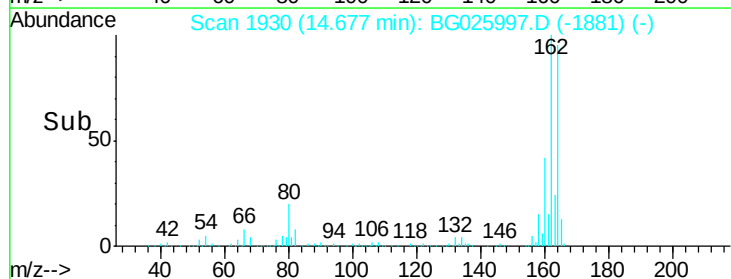
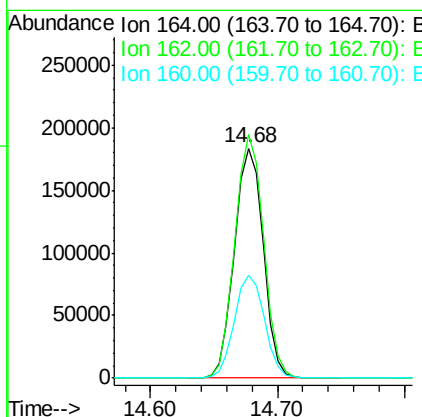
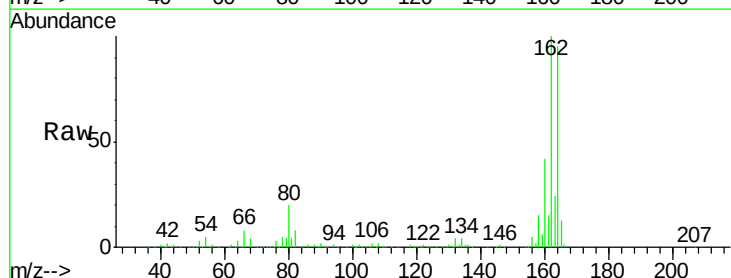
Instrument :
 BNA_G
 ClientSampleId :
 PB94232BL

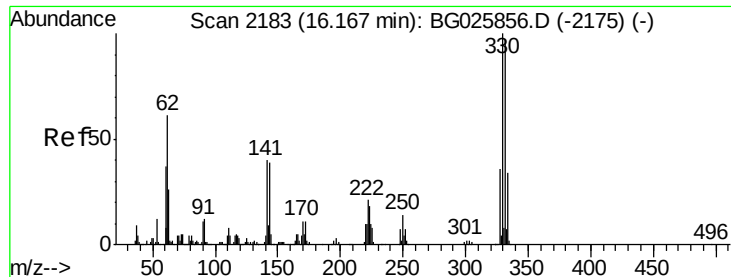
Tgt Ion: 82 Resp: 598004
 Ion Ratio Lower Upper
 82 100
 128 48.2 26.4 39.6#
 54 50.2 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG025997.D
 Acq: 28 Feb 2017 14:56

Tgt Ion: 164 Resp: 288570
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.1 127.7
 160 44.7 34.7 52.1

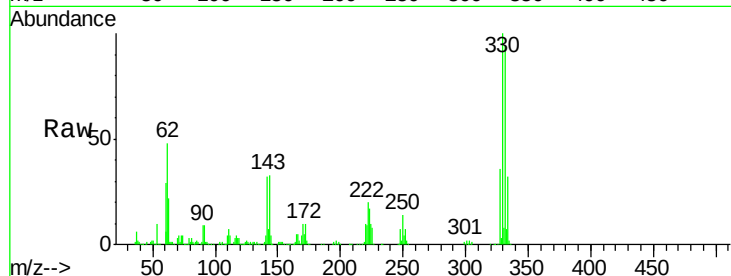




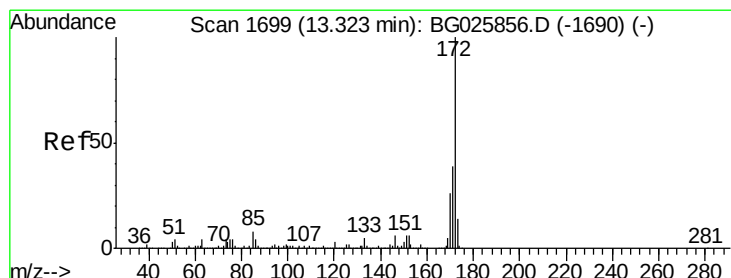
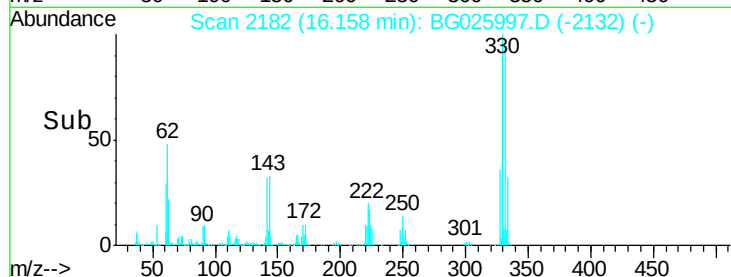
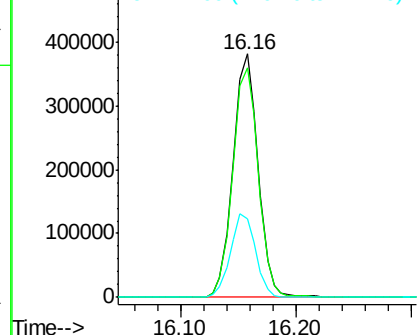
#41
2,4,6-Tribromophenol
Concen: 215.24 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025997.D
Acq: 28 Feb 2017 14:56

Instrument :
BNA_G
ClientSampleId :
PB94232BL

Tgt Ion:330 Resp: 573840
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.7 32.1 48.1

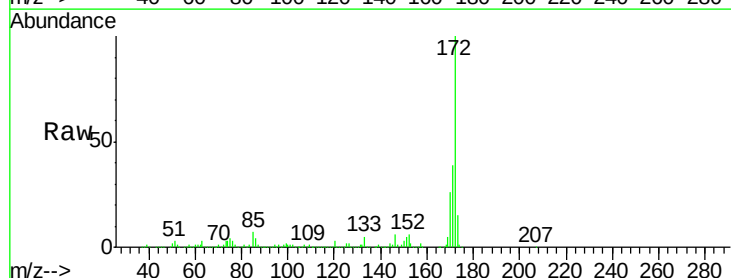


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

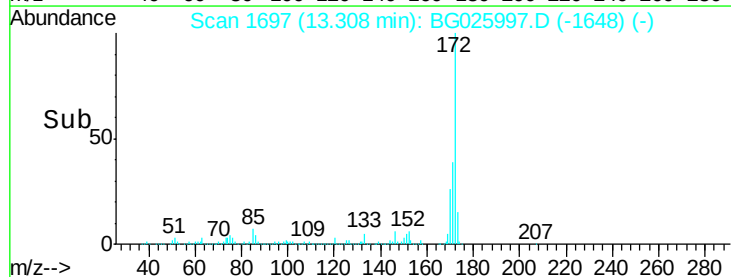
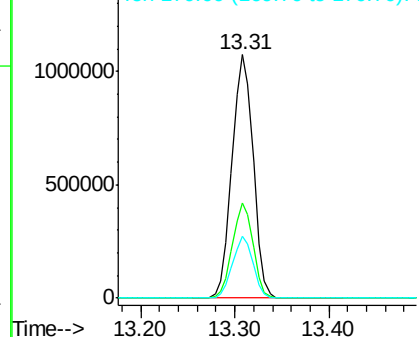


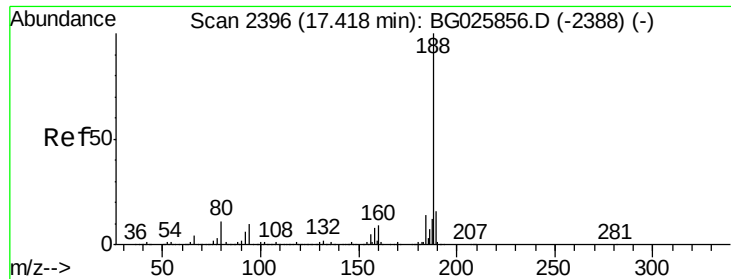
#44
2-Fluorobiphenyl
Concen: 101.56 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG025997.D
Acq: 28 Feb 2017 14:56

Tgt Ion:172 Resp: 1677138
Ion Ratio Lower Upper
172 100
171 39.0 32.2 48.2
170 25.5 21.8 32.6



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: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025997.D

Acq: 28 Feb 2017 14:56

Instrument :

BNA_G

ClientSampleId :

PB94232BL

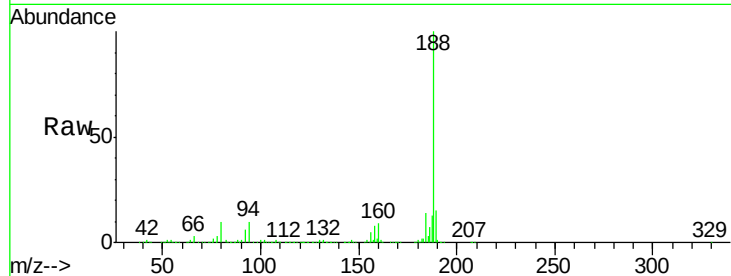
Tgt Ion:188 Resp: 842829

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.8#

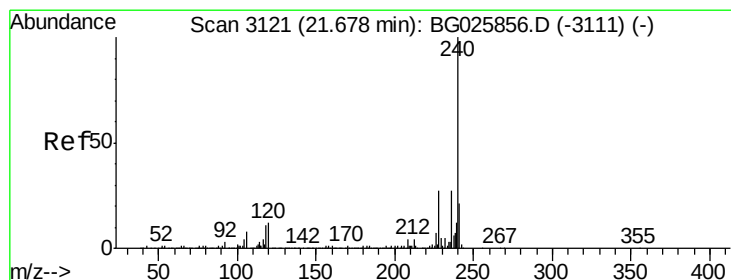
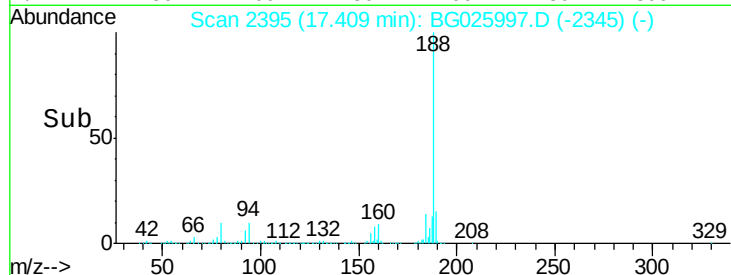
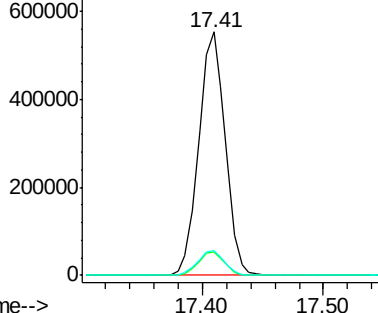
80 10.2 7.5 11.3



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: BG025997.D

Acq: 28 Feb 2017 14:56

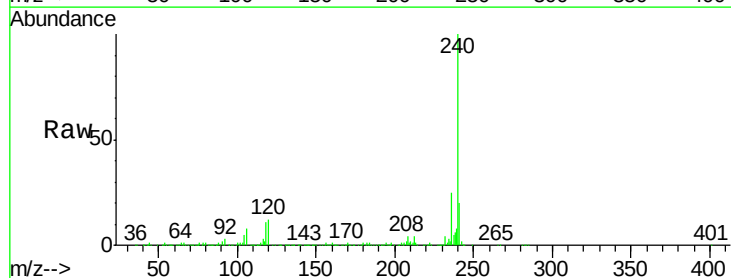
Tgt Ion:240 Resp: 885305

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

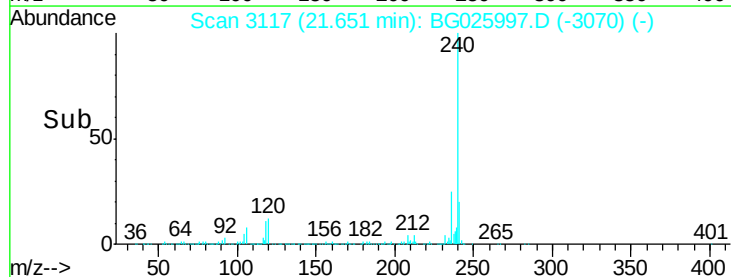
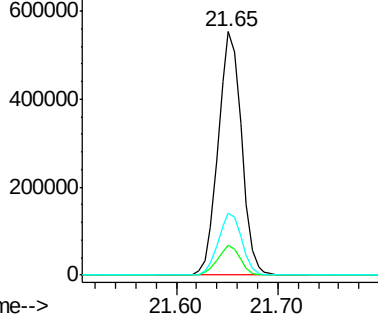
236 25.2 22.2 33.4

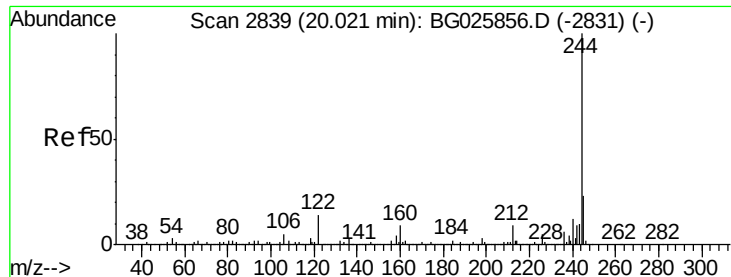


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.55 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG025997.D

Acq: 28 Feb 2017 14:56

Instrument :

BNA_G

ClientSampleId :

PB94232BL

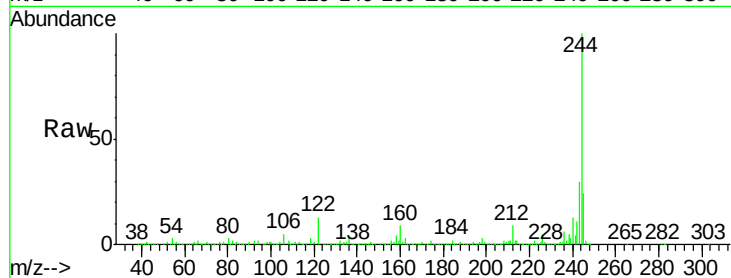
Tgt Ion:244 Resp: 2822775

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

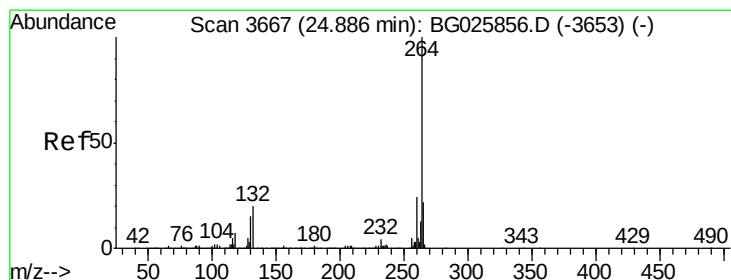
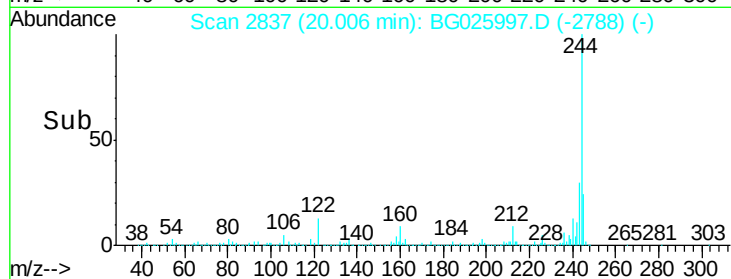
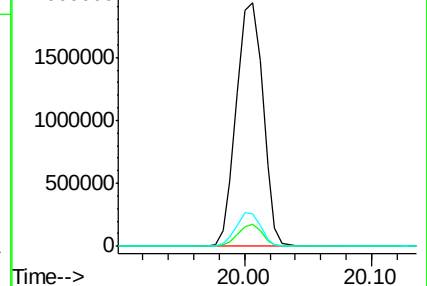
122 13.4 8.6 12.8#



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# 3662

Delta R.T. -0.03 min

Lab File: BG025997.D

Acq: 28 Feb 2017 14:56

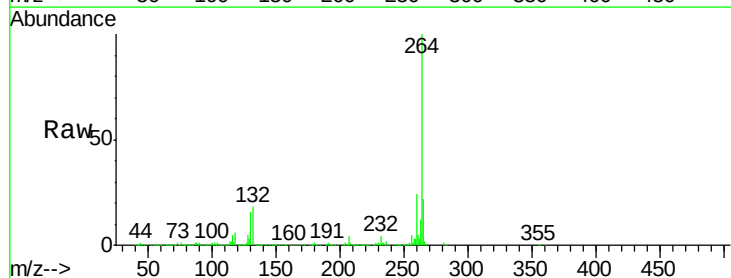
Tgt Ion:264 Resp: 863916

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 22.2 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

