

Data File : BG025863.D
Acq On : 17 Feb 2017 17:39
Operator : SJ/MA
Sample : PB97017BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97017BL

Quant Time: Feb 17 22:27:16 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	93521	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	437859	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	310476	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	728272	20.00	ng	0.00
75) Chrysene-d12	21.67	240	773215	20.00	ng	0.00
86) Perylene-d12	24.88	264	742245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	419753	78.14	ng	0.00
7) Phenol-d6	7.23	99	575996	72.46	ng	0.00
23) Nitrobenzene-d5	9.24	82	453779	65.40	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	208719	72.76	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1232636	69.37	ng	0.00
78) Terphenyl-d14	20.02	244	1954175	61.47	ng	0.00

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

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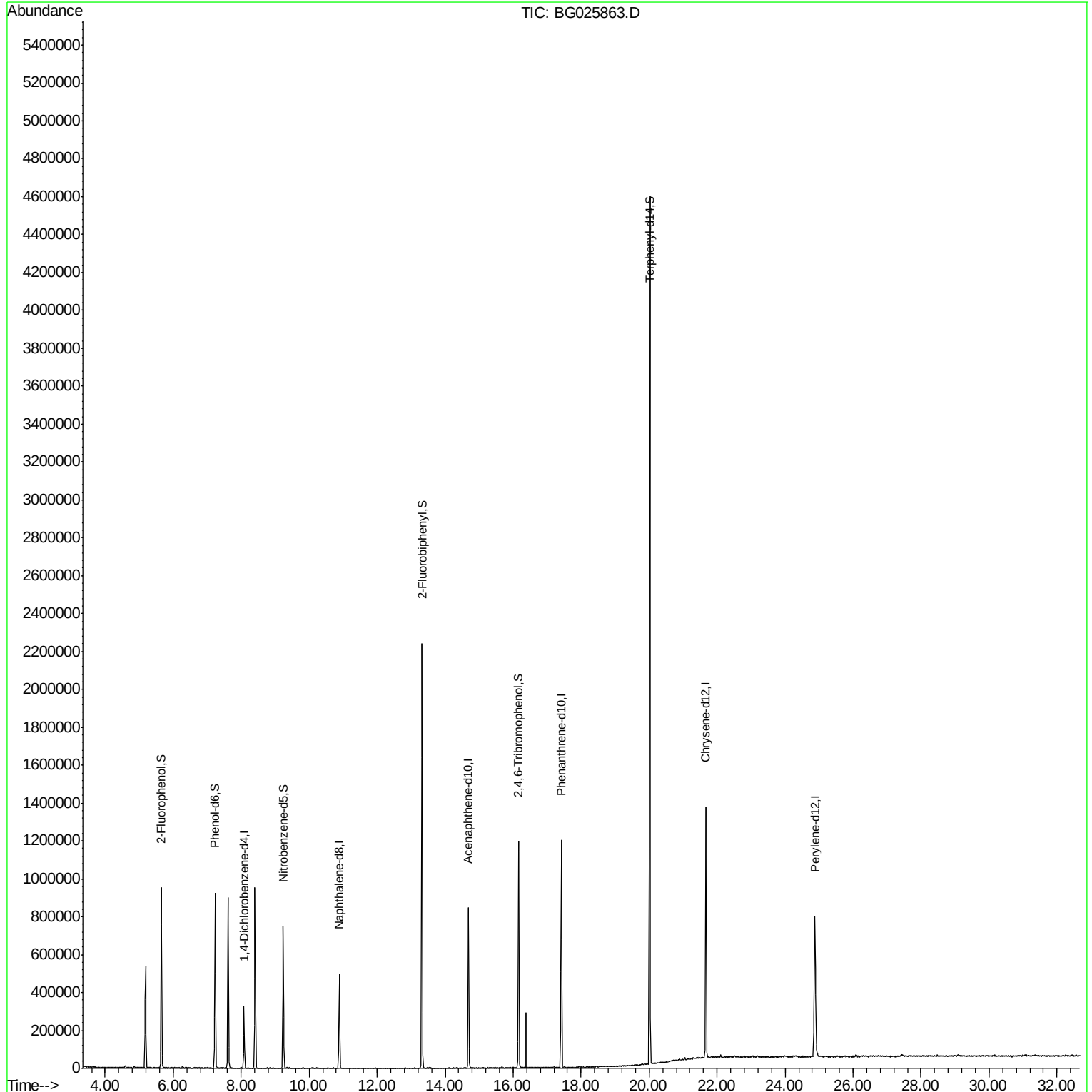
Quant Time: Feb 17 22:27:16 2017

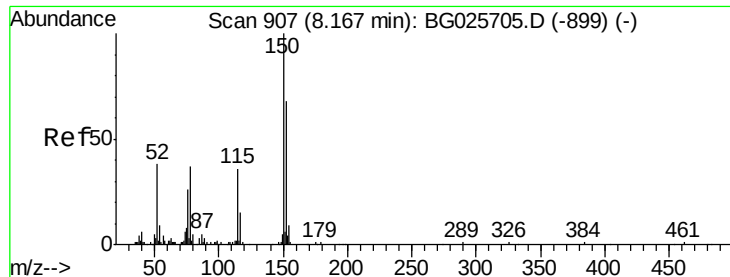
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 15:48:21 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 808

Delta R.T. -0.00 min

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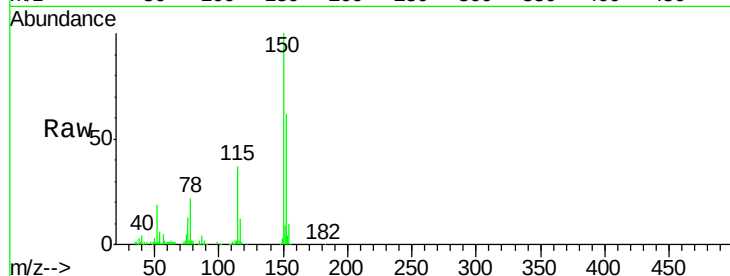
Tgt Ion:152 Resp: 93521

Ion Ratio Lower Upper

152 100

150 160.6 114.0 171.0

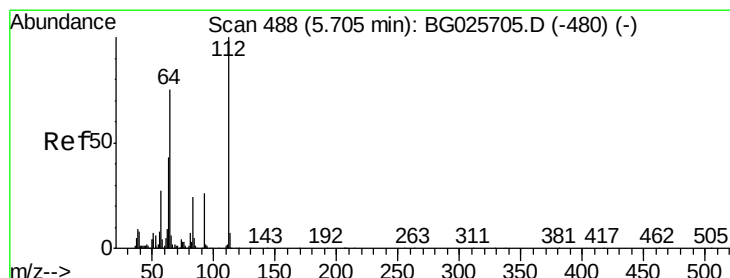
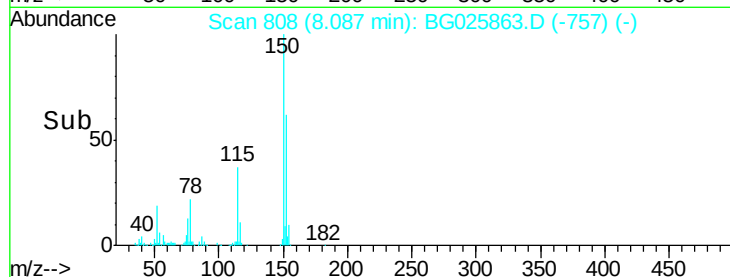
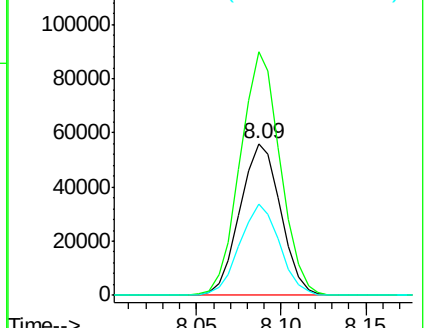
115 59.9 48.1 72.1



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: 78.14 ng

RT: 5.65 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG025863.D

Acq: 17 Feb 2017 17:39

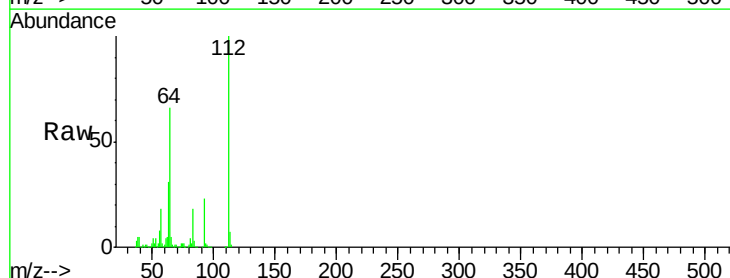
Tgt Ion:112 Resp: 419753

Ion Ratio Lower Upper

112 100

64 65.9 61.8 92.6

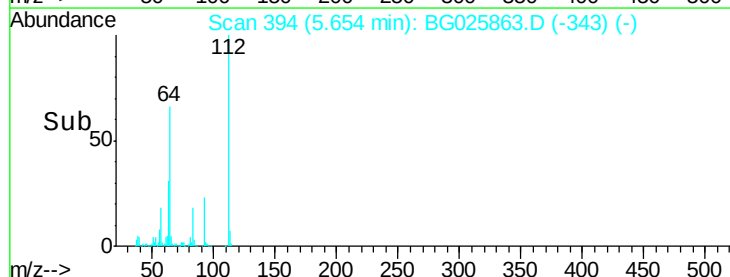
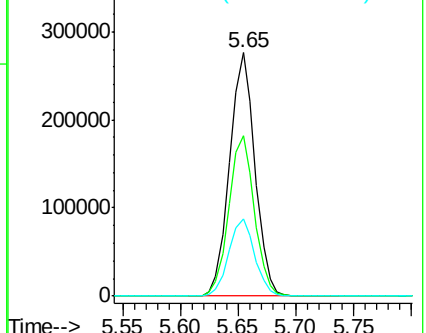
63 31.5 37.2 55.8#

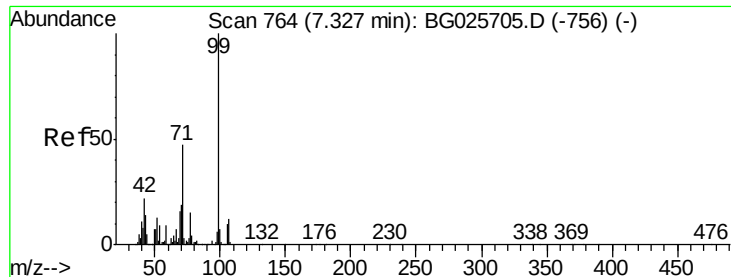


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 72.46 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

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Acq: 17 Feb 2017 17:39

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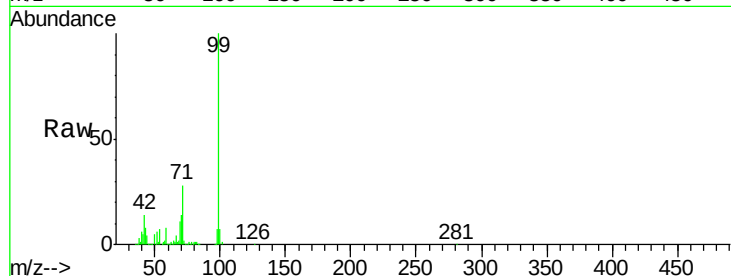
Tgt Ion: 99 Resp: 575996

Ion Ratio Lower Upper

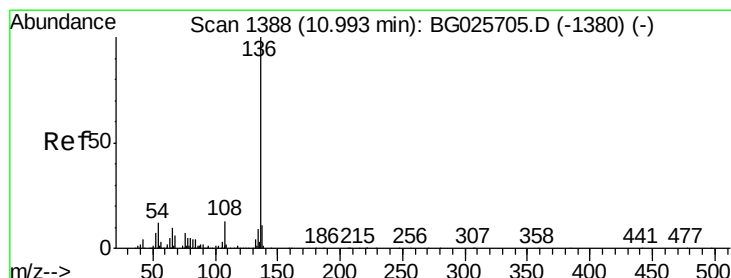
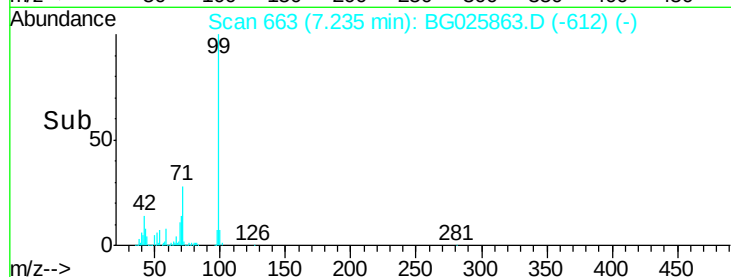
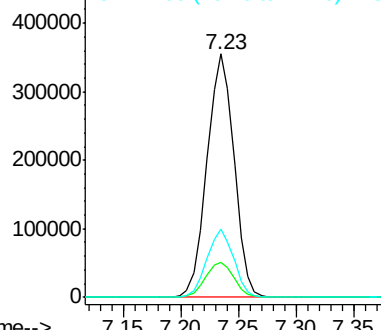
99 100

42 14.4 20.5 30.7#

71 28.1 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: 10.89 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG025863.D

Acq: 17 Feb 2017 17:39

Tgt Ion: 136 Resp: 437859

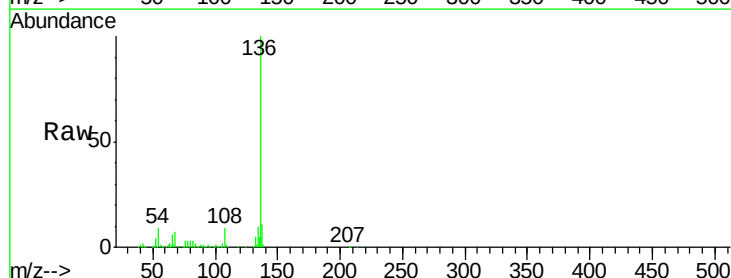
Ion Ratio Lower Upper

136 100

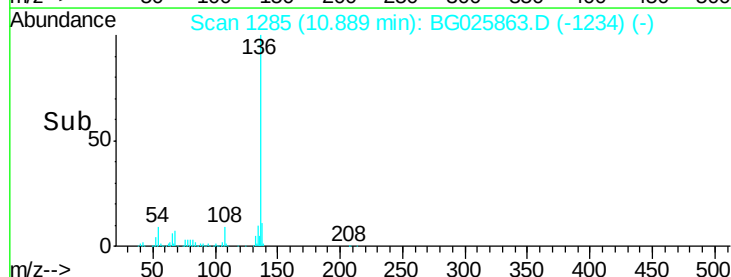
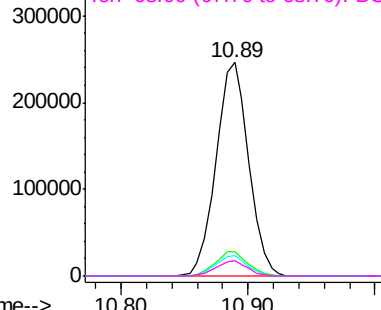
137 11.2 8.9 13.3

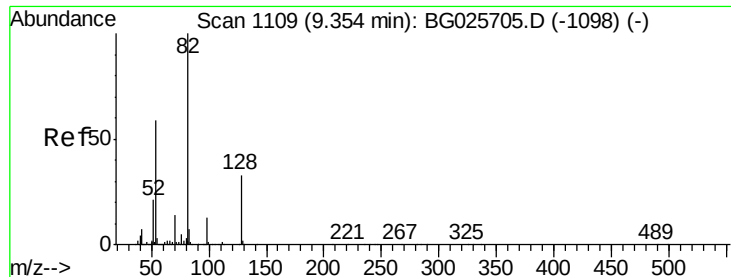
54 9.4 9.3 13.9

68 7.1 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

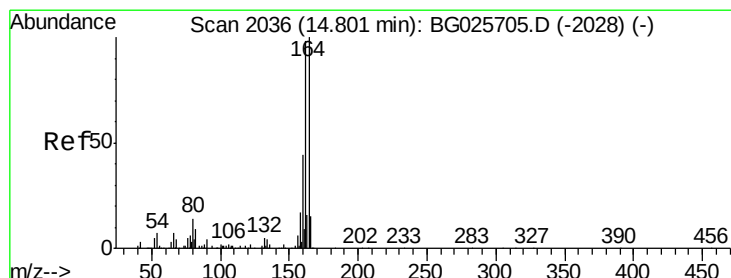
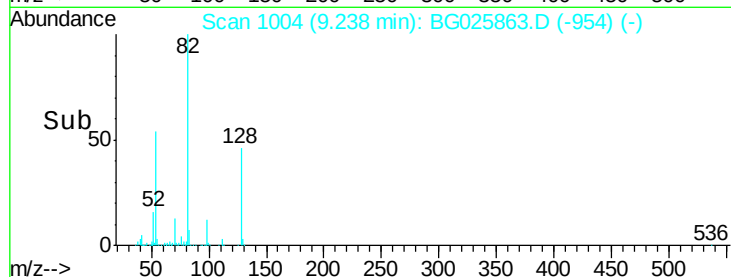
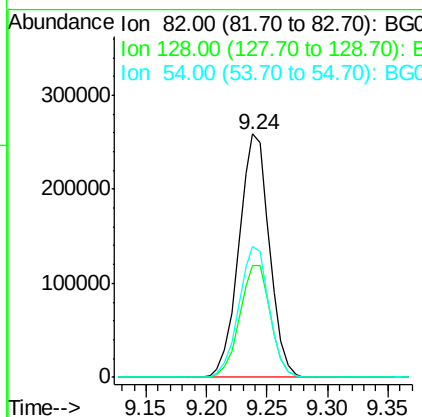
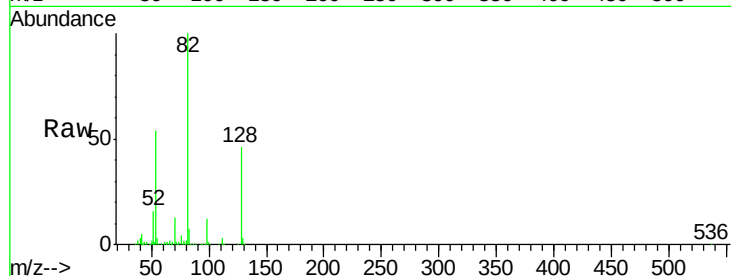




#23
 Nitrobenzene-d5
 Concen: 65.40 ng
 RT: 9.24 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG025863.D
 Acq: 17 Feb 2017 17:39

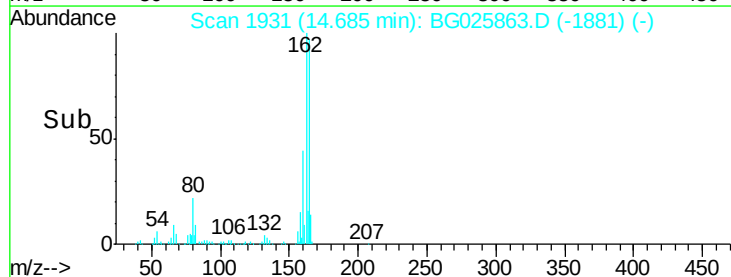
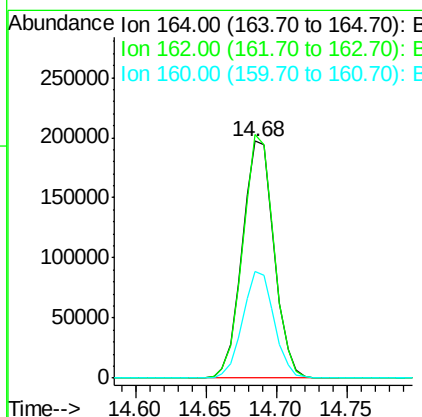
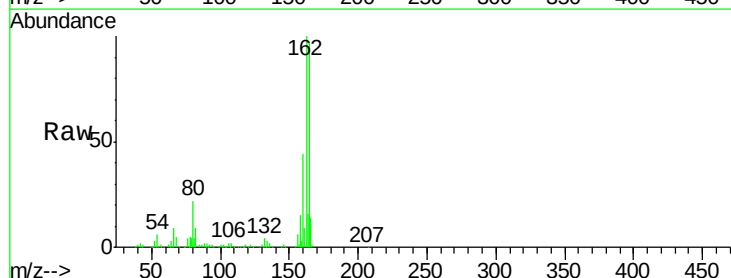
Instrument :
 BNA_G
 ClientSampleId :
 PB97017BL

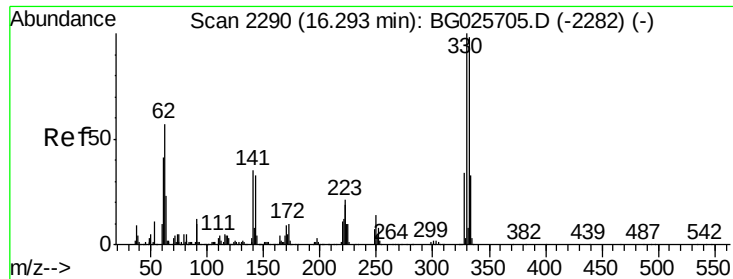
Tgt Ion: 82 Resp: 453779
 Ion Ratio Lower Upper
 82 100
 128 45.9 26.4 39.6#
 54 53.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025863.D
 Acq: 17 Feb 2017 17:39

Tgt Ion: 164 Resp: 310476
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.1 127.7
 160 45.0 34.7 52.1

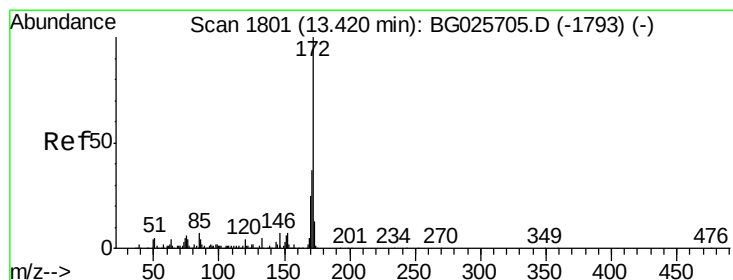
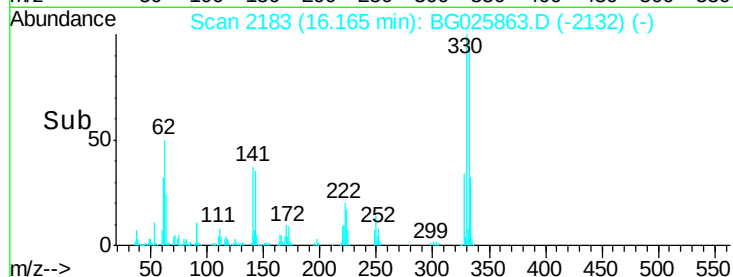
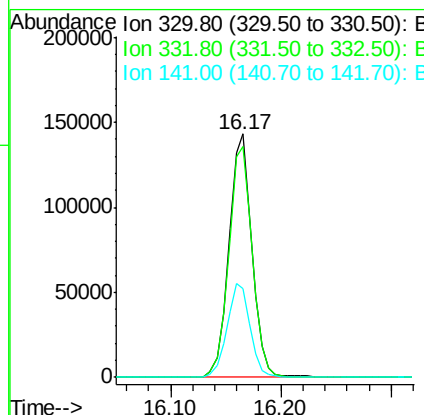
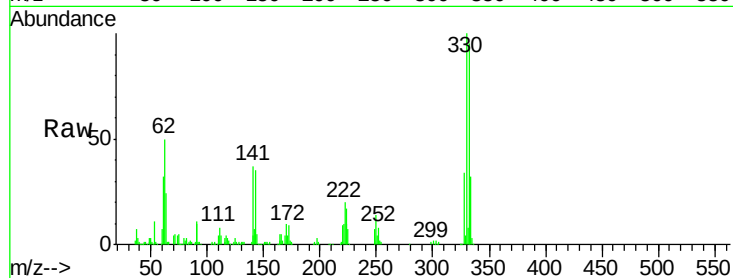




#41
 2,4,6-Tribromophenol
 Concen: 72.76 ng
 RT: 16.17 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG025863.D
 Acq: 17 Feb 2017 17:39

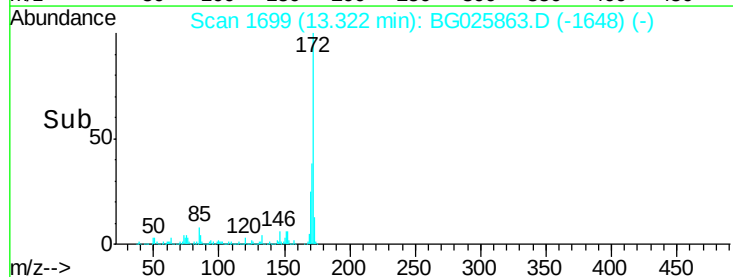
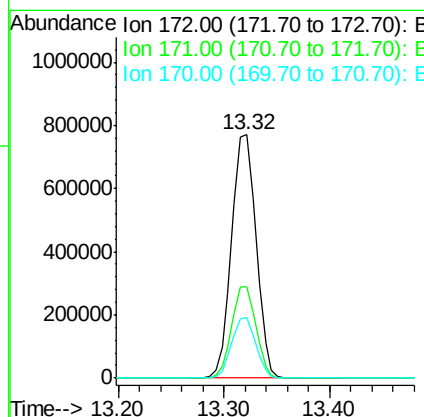
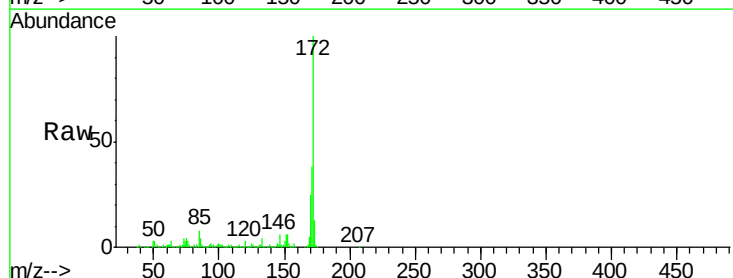
Instrument :
 BNA_G
 ClientSampleId :
 PB97017BL

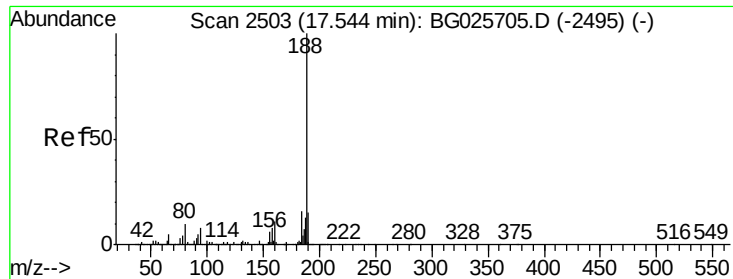
Tgt Ion: 330 Resp: 208719
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 38.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 69.37 ng
 RT: 13.32 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG025863.D
 Acq: 17 Feb 2017 17:39

Tgt Ion: 172 Resp: 1232636
 Ion Ratio Lower Upper
 172 100
 171 37.5 32.2 48.2
 170 24.8 21.8 32.6

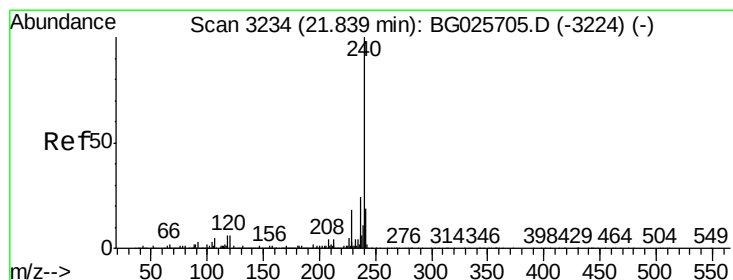
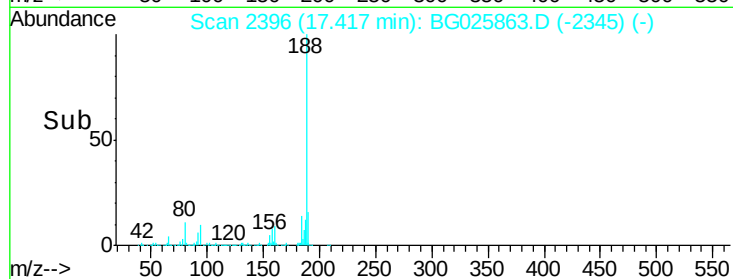
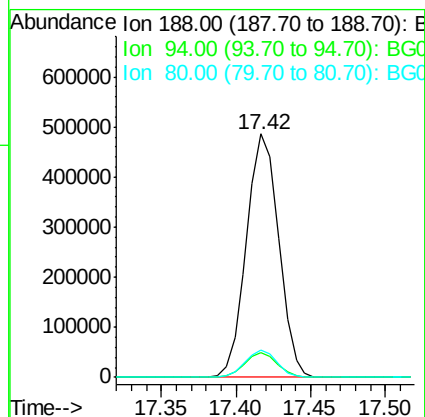
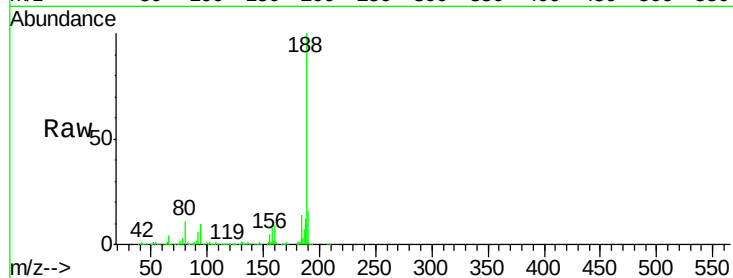




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BG025863.D
Acq: 17 Feb 2017 17:39

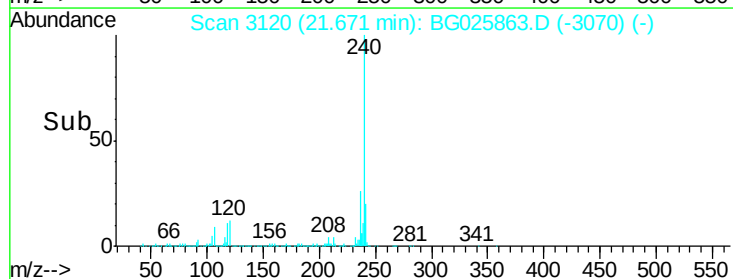
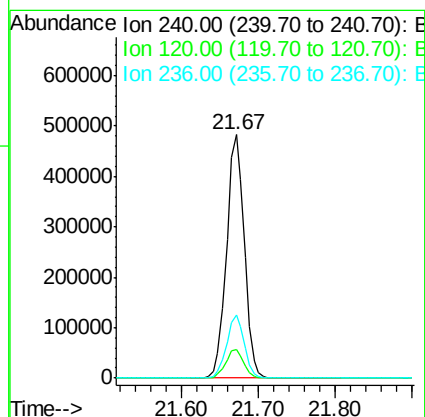
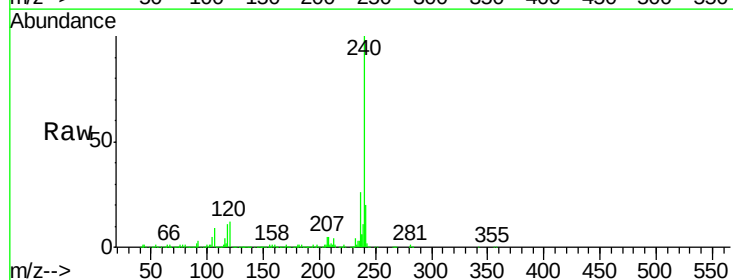
Instrument :
BNA_G
ClientSampleId :
PB97017BL

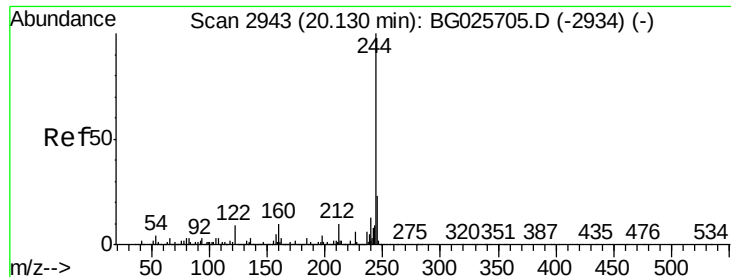
Tgt Ion:188 Resp: 728272
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 11.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG025863.D
Acq: 17 Feb 2017 17:39

Tgt Ion:240 Resp: 773215
Ion Ratio Lower Upper
240 100
120 11.7 5.7 8.5#
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 61.47 ng

RT: 20.02 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG025863.D

Acq: 17 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

PB97017BL

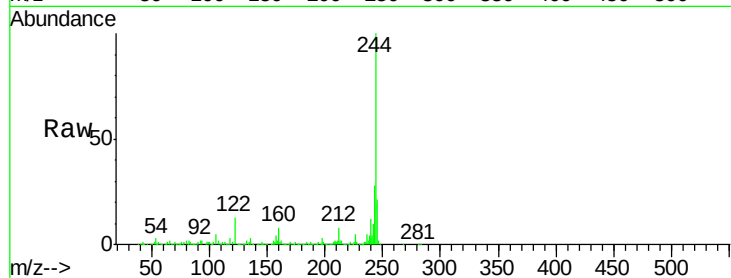
Tgt Ion:244 Resp: 1954175

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

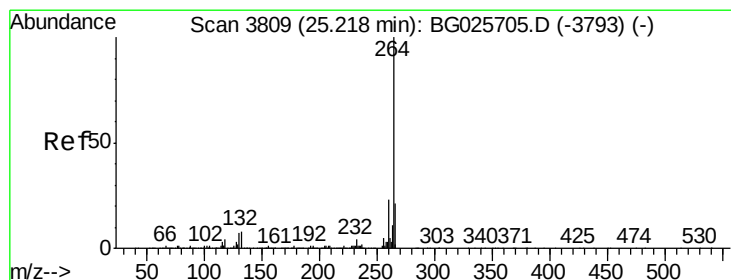
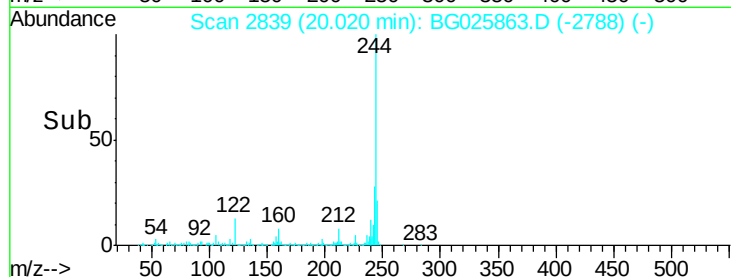
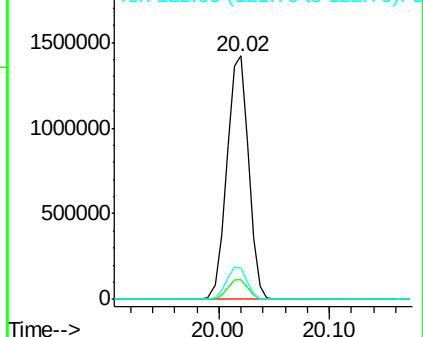
122 12.8 8.6 12.8



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: 24.88 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BG025863.D

Acq: 17 Feb 2017 17:39

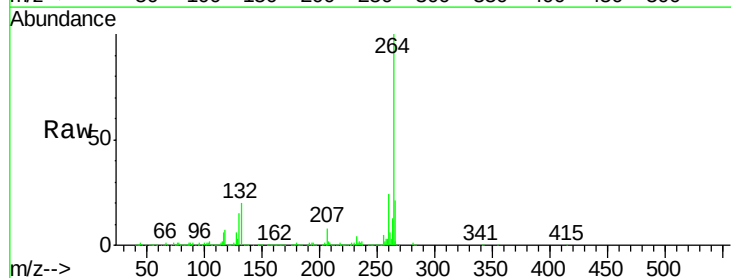
Tgt Ion:264 Resp: 742245

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.1 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

