

Data File : BG025938.D
Acq On : 24 Feb 2017 18:59
Operator : SJ/MA
Sample : PB97159BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97159BL

Quant Time: Feb 24 22:40:17 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	8.08	152	82779	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	373956	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	243796	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	692010	20.00	ng	0.00
75) Chrysene-d12	21.66	240	775052	20.00	ng	-0.02
86) Perylene-d12	24.87	264	750069	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	707038	148.70	ng	0.00
7) Phenol-d6	7.24	99	973800	138.40	ng	0.00
23) Nitrobenzene-d5	9.23	82	522096	88.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	455090	202.05	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1436887	102.99	ng	-0.01
78) Terphenyl-d14	20.01	244	2496648	78.35	ng	-0.01

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

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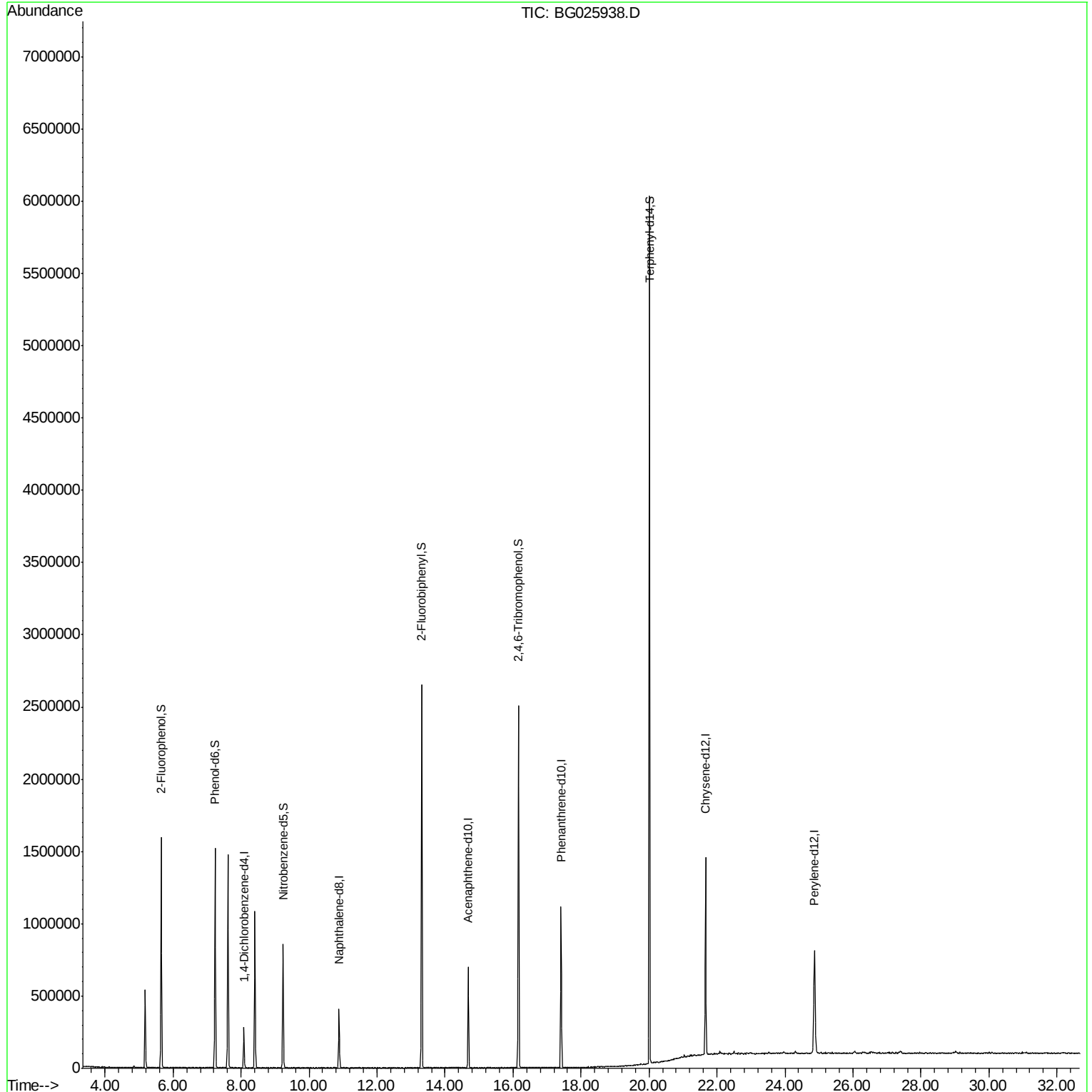
Quant Time: Feb 24 22:40:17 2017

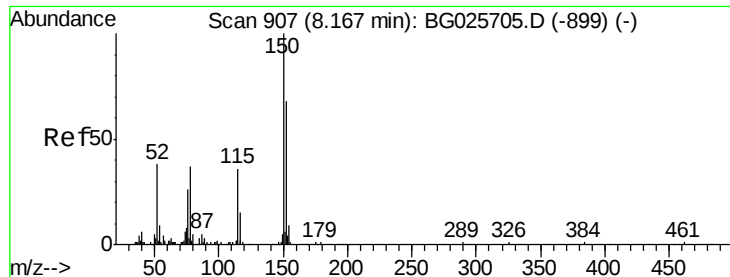
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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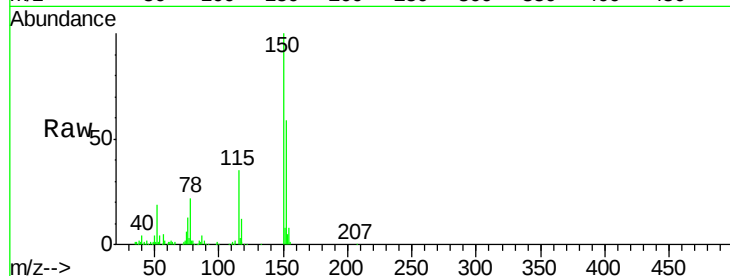


#1

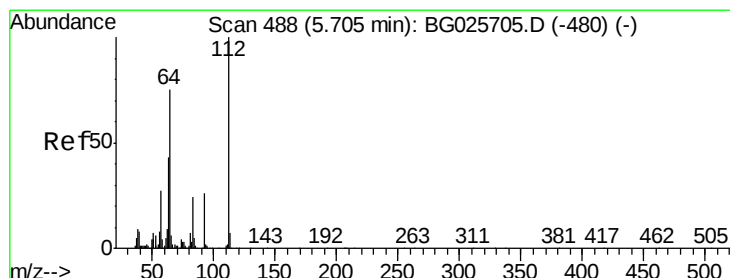
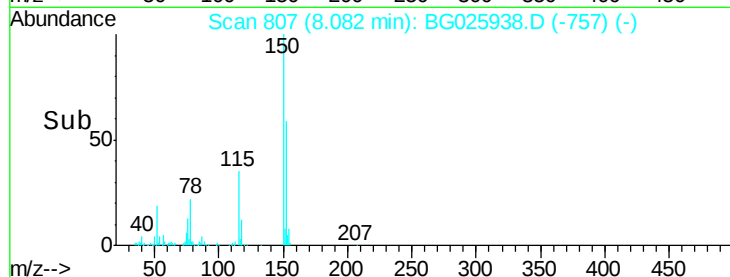
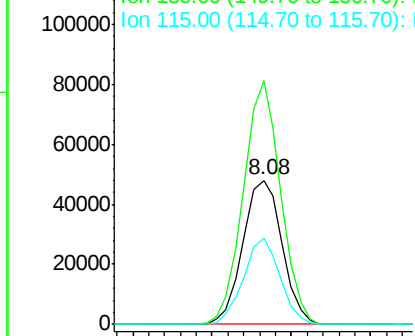
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Instrument :
BNA_G
ClientSampleId :
PB97159BL

Tgt Ion:152 Resp: 82779
Ion Ratio Lower Upper
152 100
150 168.6 114.0 171.0
115 59.6 48.1 72.1



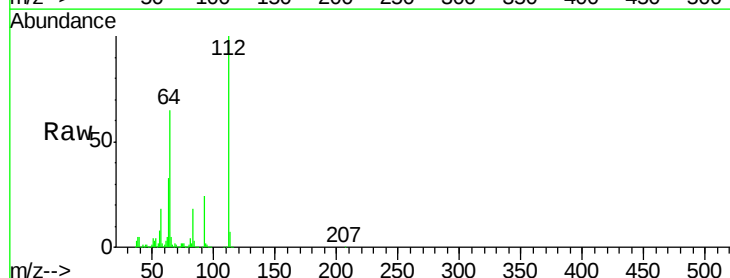
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



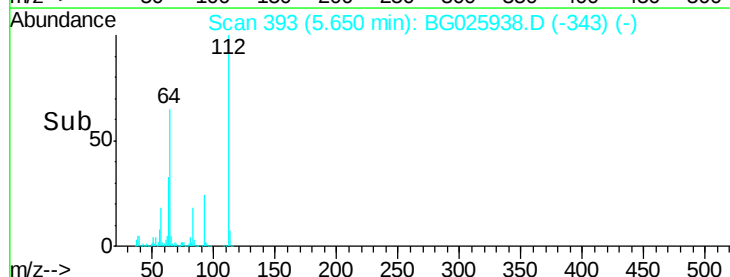
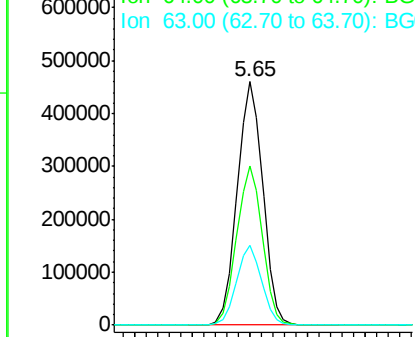
#5

2-Fluorophenol
Concen: 148.70 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Tgt Ion:112 Resp: 707038
Ion Ratio Lower Upper
112 100
64 65.3 61.8 92.6
63 33.0 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: 138.40 ng

RT: 7.24 min Scan# 663

Delta R.T. 0.00 min

Lab File: BG025938.D

Acq: 24 Feb 2017 18:59

Instrument :

BNA_G

ClientSampleId :

PB97159BL

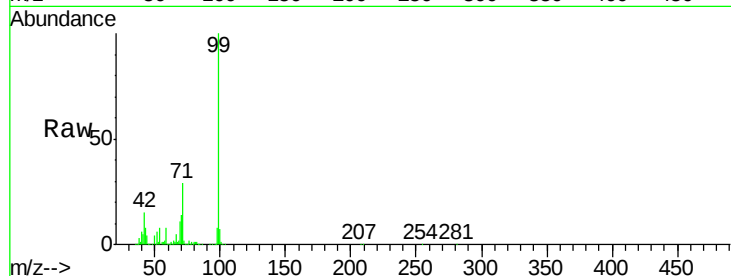
Tgt Ion: 99 Resp: 973800

Ion Ratio Lower Upper

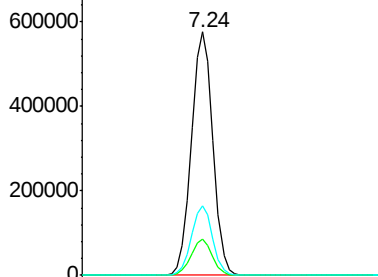
99 100

42 14.7 20.5 30.7#

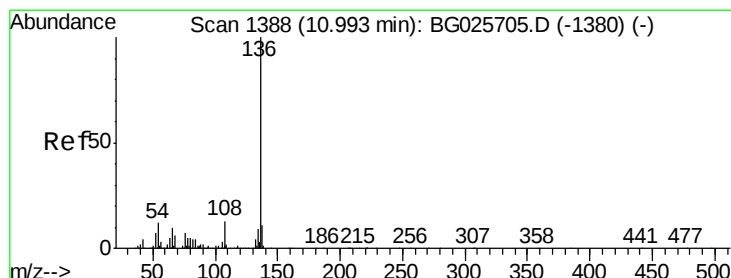
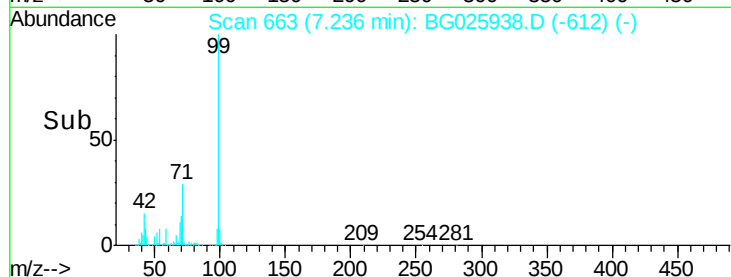
71 28.8 37.6 56.4#



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



Time--> 7.10 7.20 7.30 7.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025938.D

Acq: 24 Feb 2017 18:59

Tgt Ion: 136 Resp: 373956

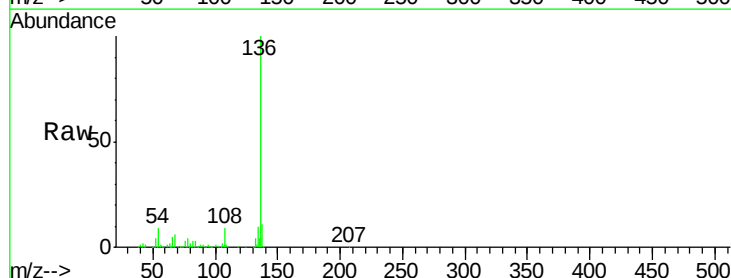
Ion Ratio Lower Upper

136 100

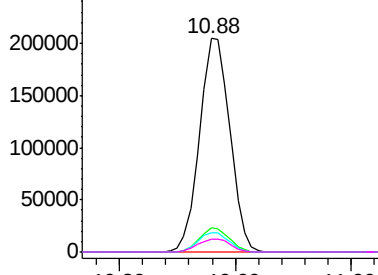
137 11.3 8.9 13.3

54 9.3 9.3 13.9

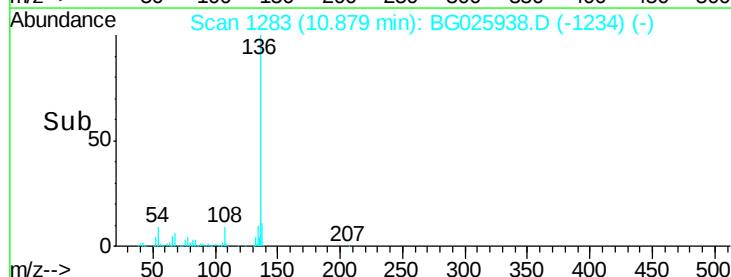
68 6.1 5.1 7.7

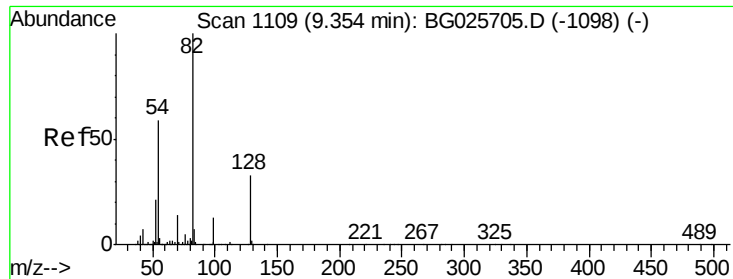


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.80 10.90 11.00

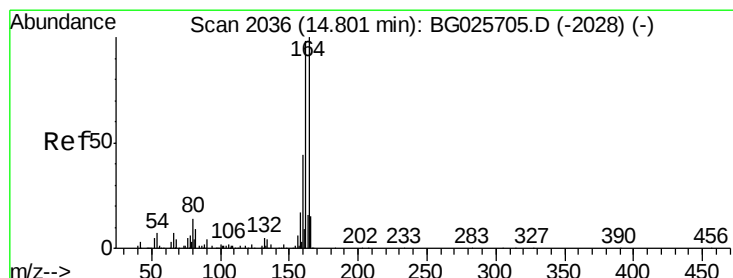
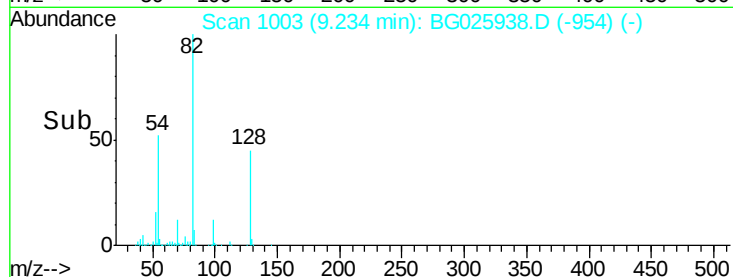
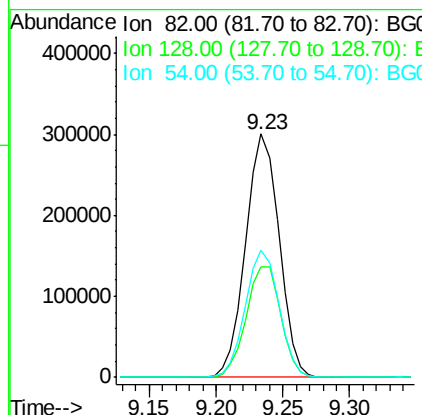
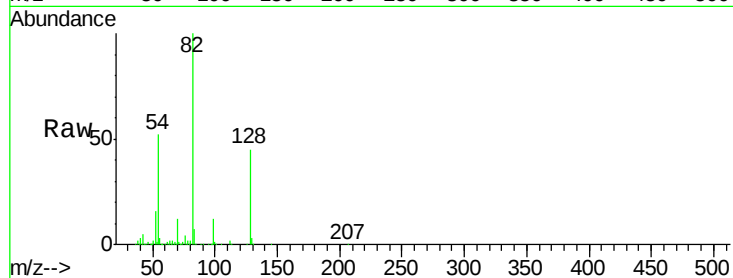




#23
 Nitrobenzene-d5
 Concen: 88.11 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025938.D
 Acq: 24 Feb 2017 18:59

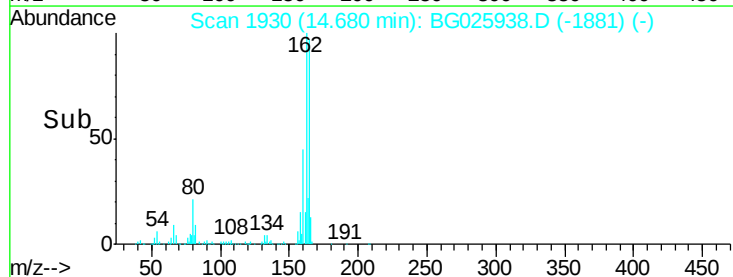
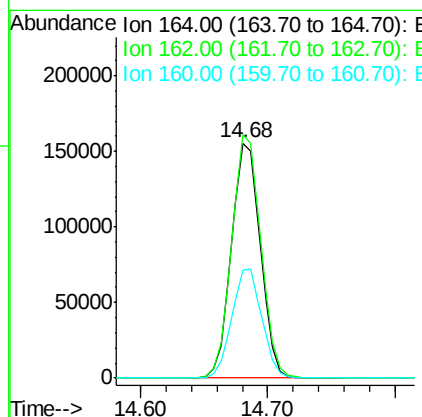
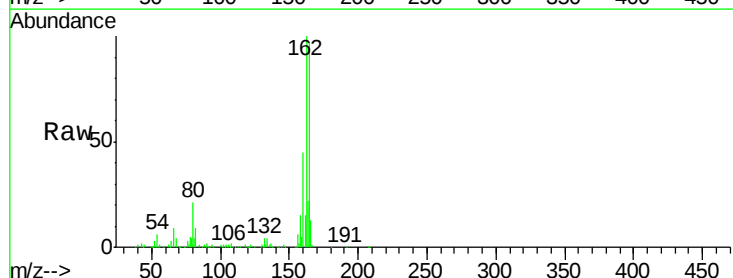
Instrument :
 BNA_G
 ClientSampleId :
 PB97159BL

Tgt Ion: 82 Resp: 522096
 Ion Ratio Lower Upper
 82 100
 128 45.4 26.4 39.6#
 54 52.1 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025938.D
 Acq: 24 Feb 2017 18:59

Tgt Ion: 164 Resp: 243796
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.1 127.7
 160 46.1 34.7 52.1

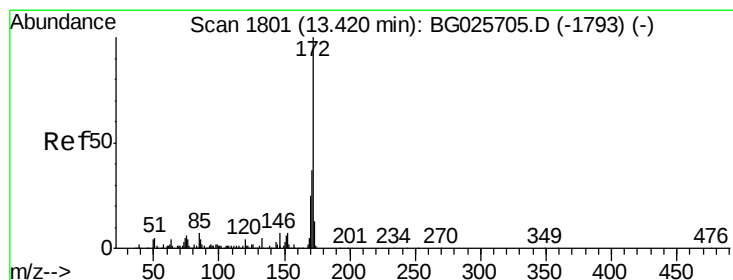
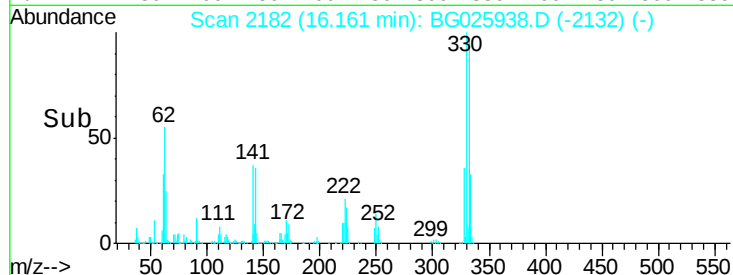
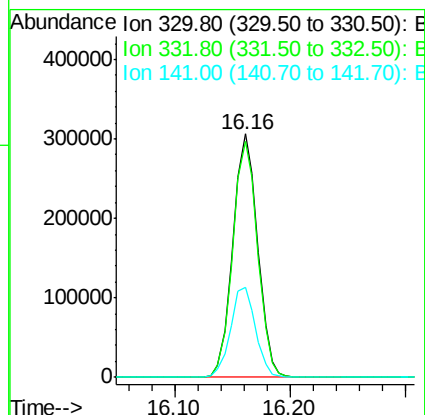
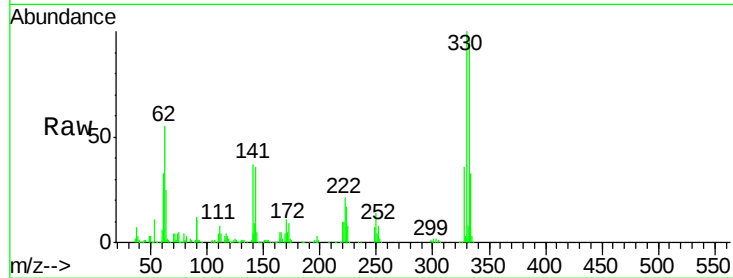




#41
 2,4,6-Tribromophenol
 Concen: 202.05 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025938.D
 Acq: 24 Feb 2017 18:59

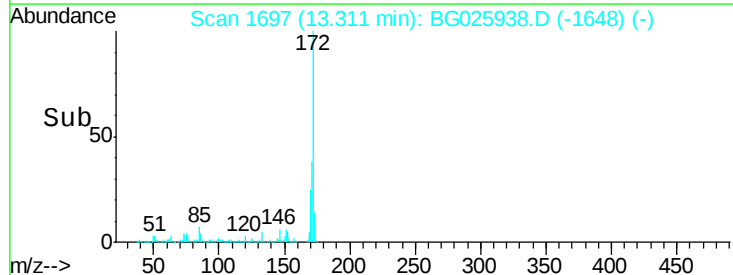
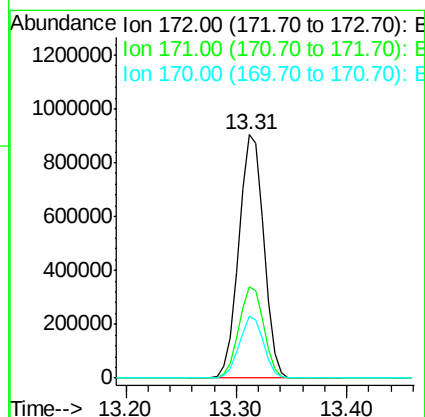
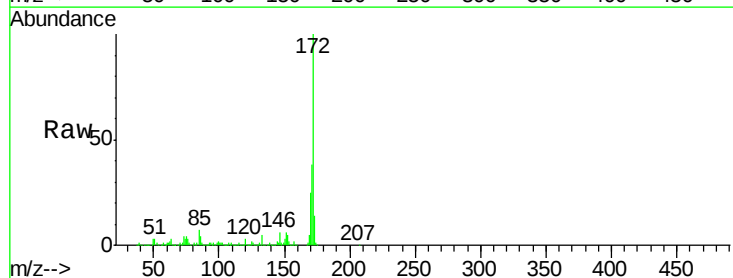
Instrument :
 BNA_G
 ClientSampleId :
 PB97159BL

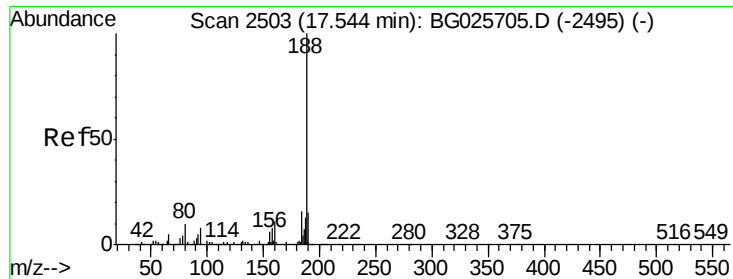
Tgt Ion:330 Resp: 455090
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 37.2 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 102.99 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025938.D
 Acq: 24 Feb 2017 18:59

Tgt Ion:172 Resp: 1436887
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 25.2 21.8 32.6

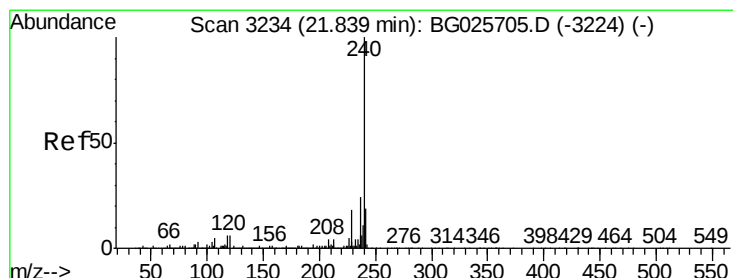
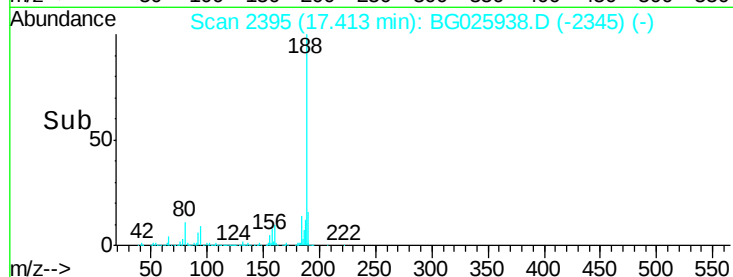
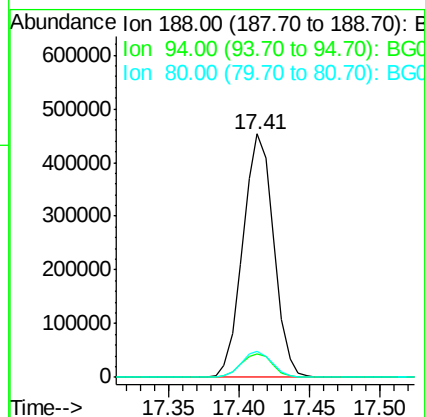
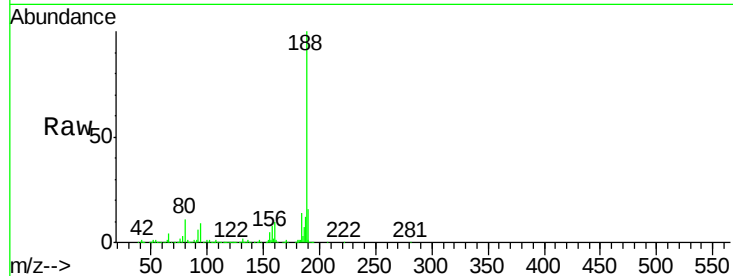




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

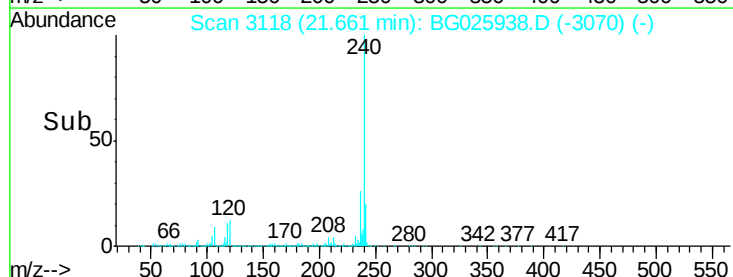
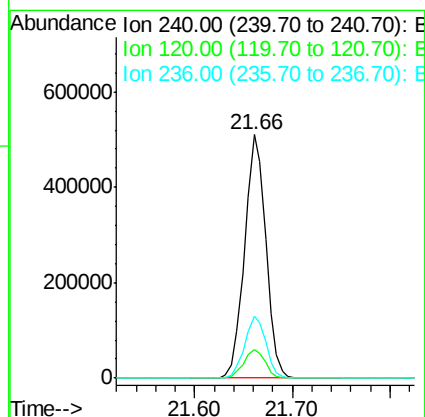
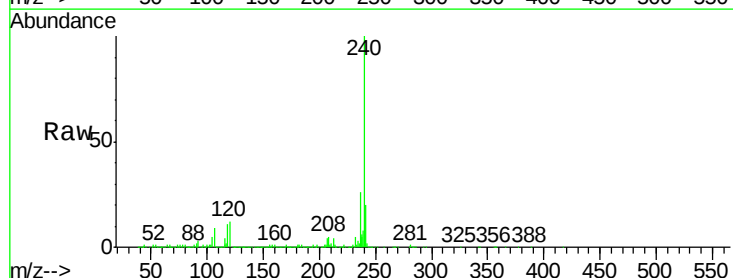
Instrument :
BNA_G
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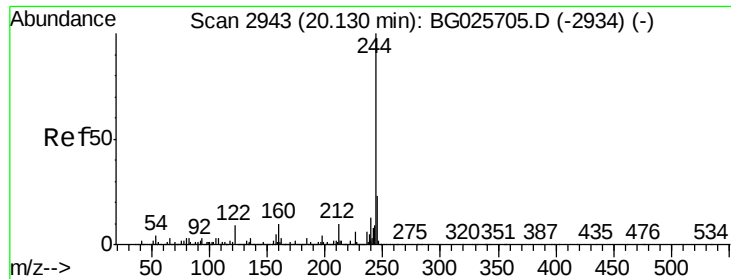
Tgt Ion:188 Resp: 692010
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.8#
80 10.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025938.D
Acq: 24 Feb 2017 18:59

Tgt Ion:240 Resp: 775052
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 78.35 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025938.D

Acq: 24 Feb 2017 18:59

Instrument :

BNA_G

ClientSampleId :

PB97159BL

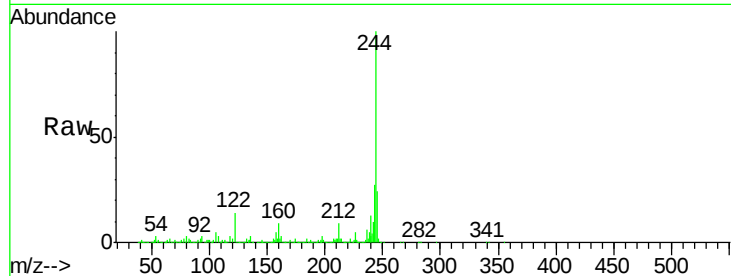
Tgt Ion:244 Resp: 2496648

Ion Ratio Lower Upper

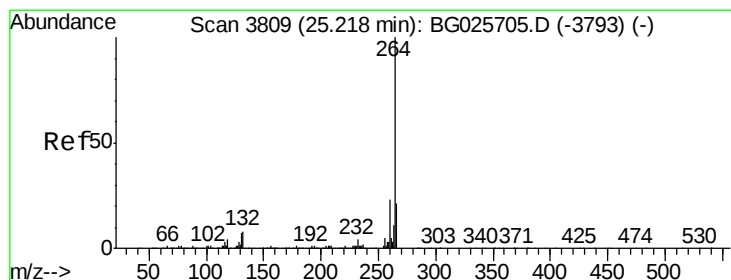
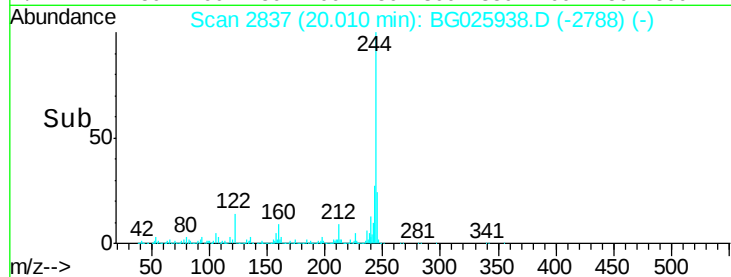
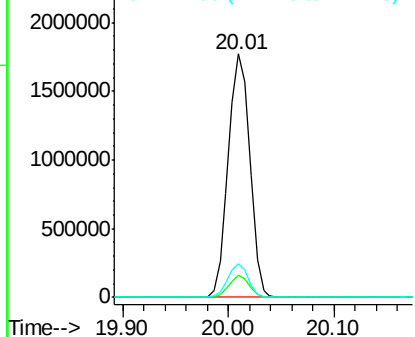
244 100

212 8.9 10.0 15.0#

122 13.7 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: 24.87 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025938.D

Acq: 24 Feb 2017 18:59

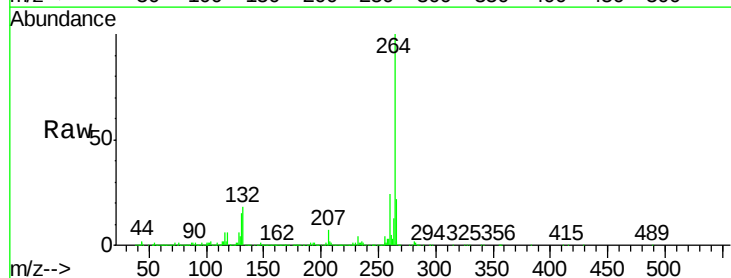
Tgt Ion:264 Resp: 750069

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 22.0 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

