

Data File : BG025969.D
Acq On : 27 Feb 2017 18:32
Operator : SJ/MA
Sample : PB97196BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97196BL

Quant Time: Feb 27 23:59:22 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	79046	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	367520	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	247800	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	720564	20.00	ng	0.00
75) Chrysene-d12	21.66	240	781849	20.00	ng	-0.02
86) Perylene-d12	24.85	264	751970	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	738166	162.58	ng	0.00
7) Phenol-d6	7.23	99	1028902	153.14	ng	0.00
23) Nitrobenzene-d5	9.23	82	552255	94.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	480464	209.86	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1503881	106.05	ng	-0.02
78) Terphenyl-d14	20.01	244	2563458	79.74	ng	-0.02

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

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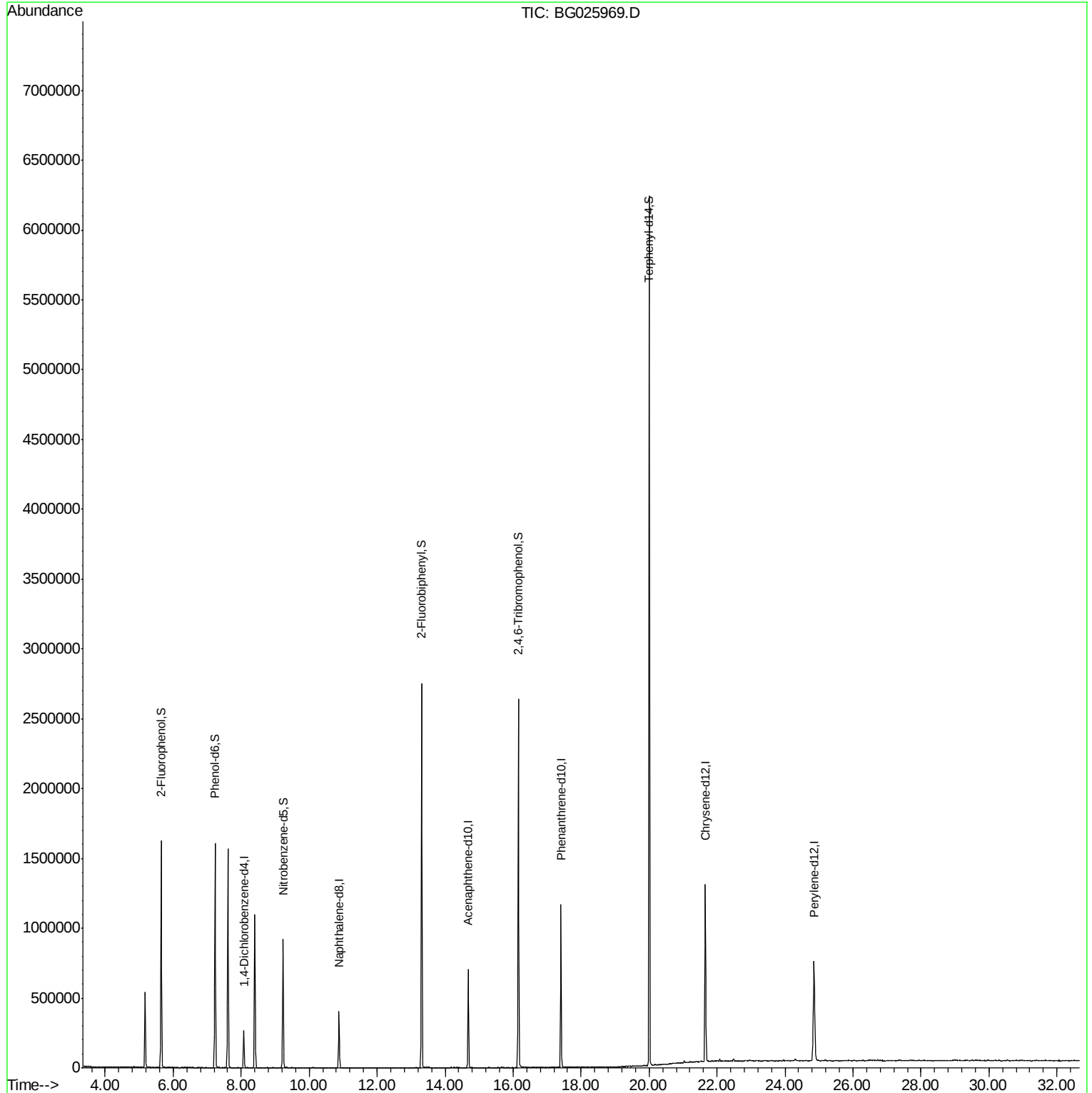
Quant Time: Feb 27 23:59:22 2017

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

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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

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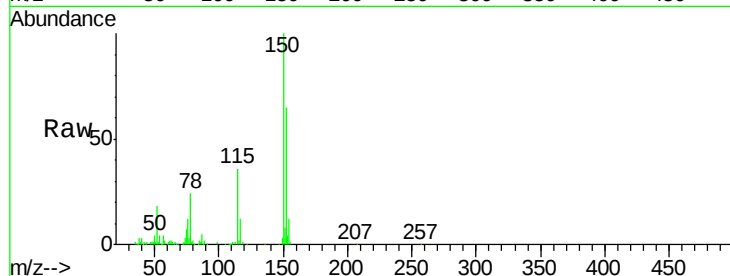
Tgt Ion:152 Resp: 79046

Ion Ratio Lower Upper

152 100

150 152.9 114.0 171.0

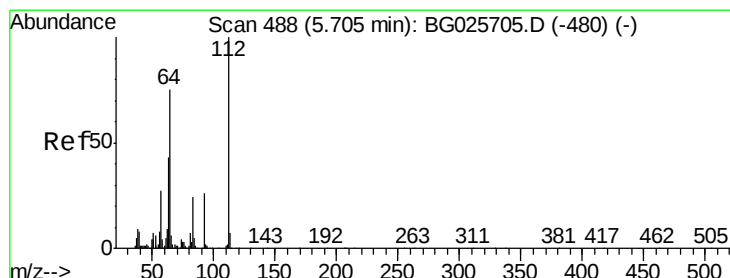
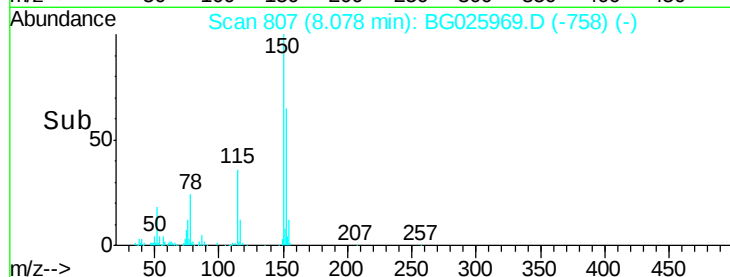
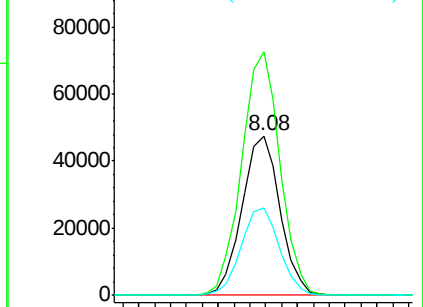
115 54.5 48.1 72.1



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: 162.58 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025969.D

Acq: 27 Feb 2017 18:32

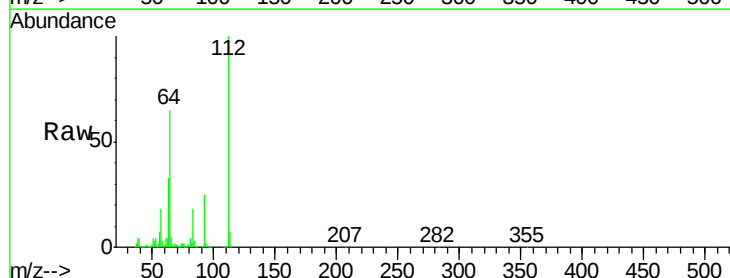
Tgt Ion:112 Resp: 738166

Ion Ratio Lower Upper

112 100

64 64.5 61.8 92.6

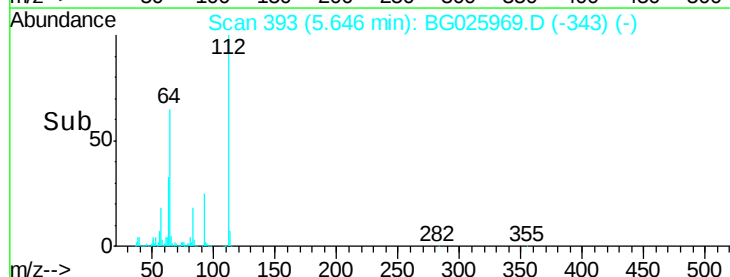
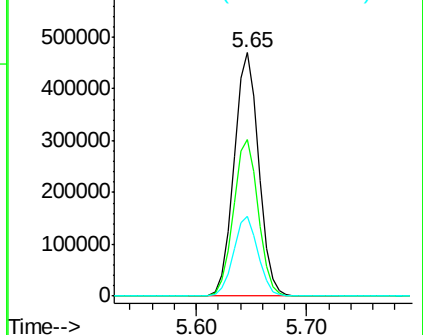
63 32.7 37.2 55.8#



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: 153.14 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025969.D

Acq: 27 Feb 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB97196BL

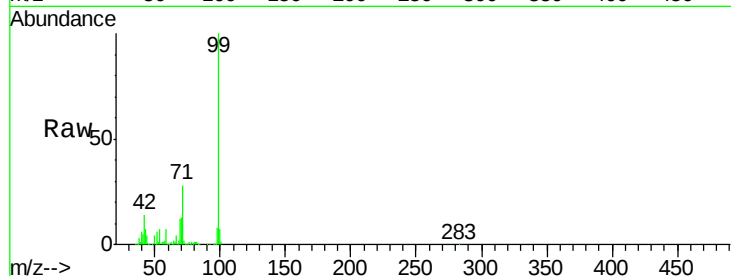
Tgt Ion: 99 Resp: 1028902

Ion Ratio Lower Upper

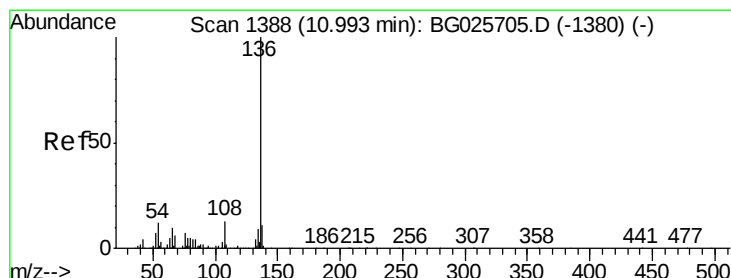
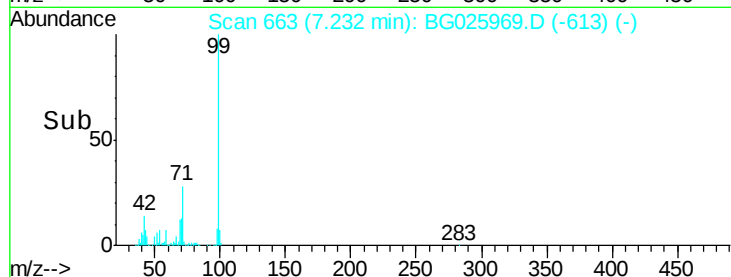
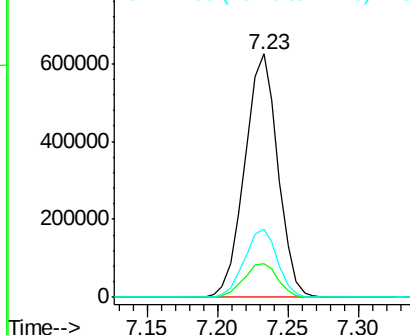
99 100

42 14.1 20.5 30.7#

71 28.0 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: BG025969.D

Acq: 27 Feb 2017 18:32

Tgt Ion: 136 Resp: 367520

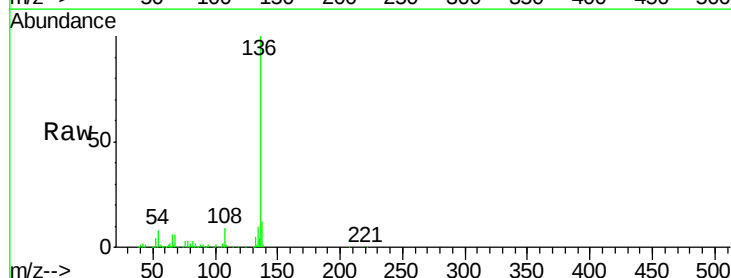
Ion Ratio Lower Upper

136 100

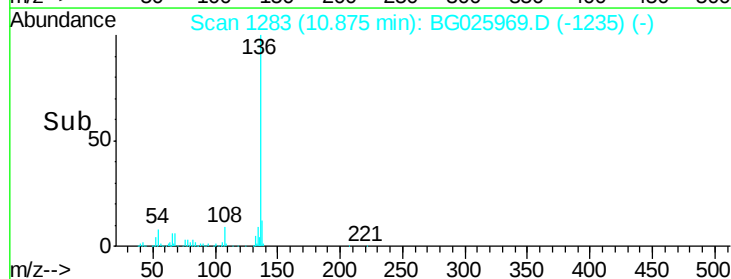
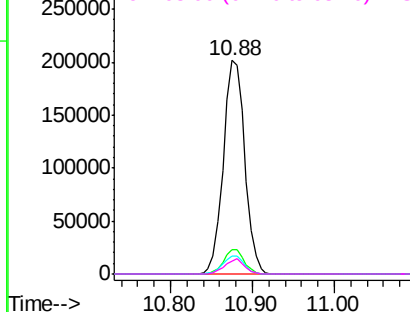
137 11.6 8.9 13.3

54 8.1 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

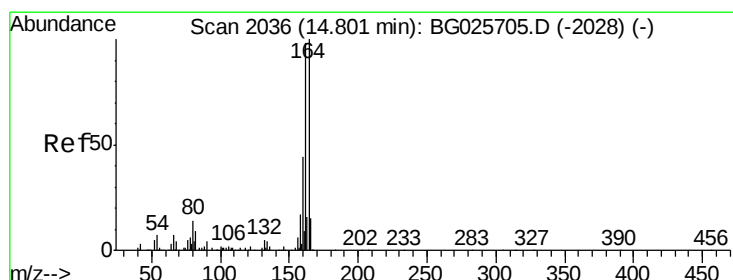
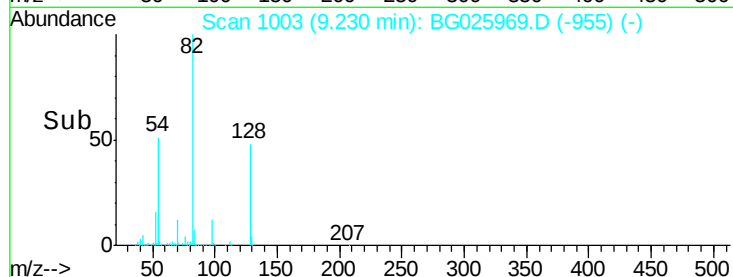
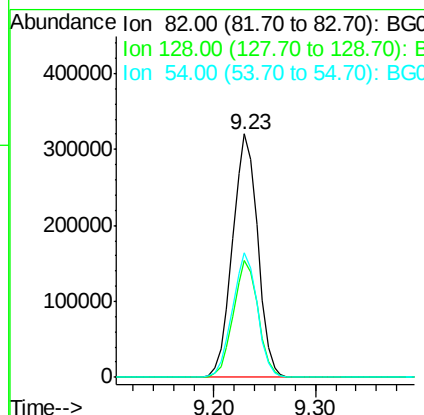
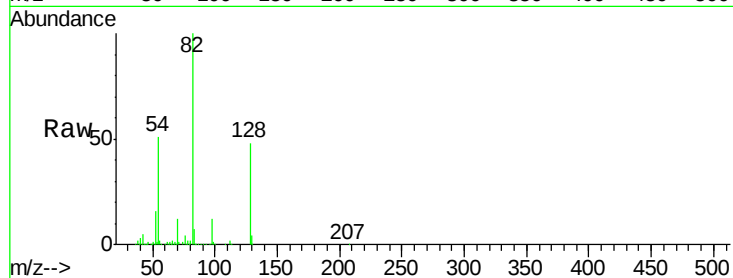




#23
 Nitrobenzene-d5
 Concen: 94.83 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BG025969.D
 Acq: 27 Feb 2017 18:32

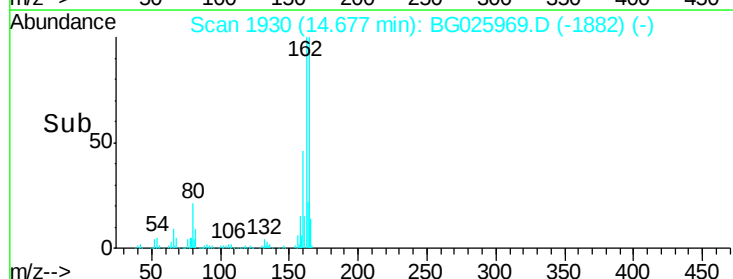
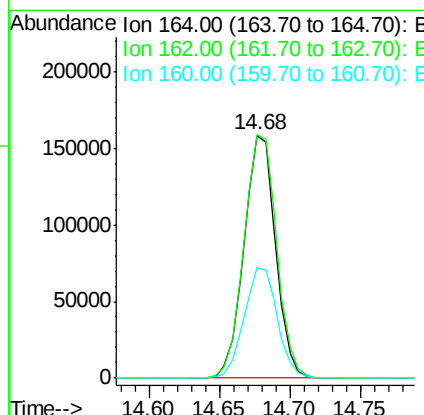
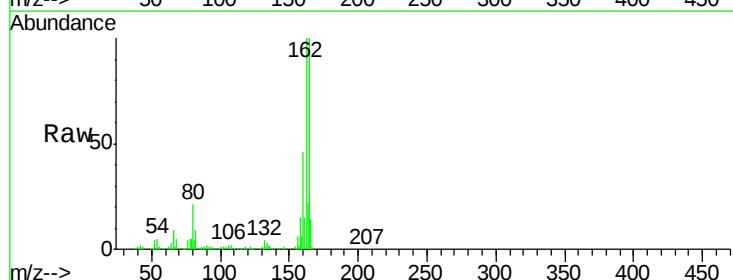
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BL

Tgt Ion: 82 Resp: 552255
 Ion Ratio Lower Upper
 82 100
 128 47.8 26.4 39.6#
 54 51.3 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: BG025969.D
 Acq: 27 Feb 2017 18:32

Tgt Ion: 164 Resp: 247800
 Ion Ratio Lower Upper
 164 100
 162 100.4 85.1 127.7
 160 45.7 34.7 52.1

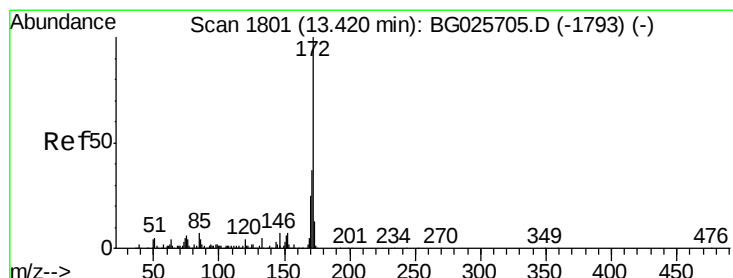
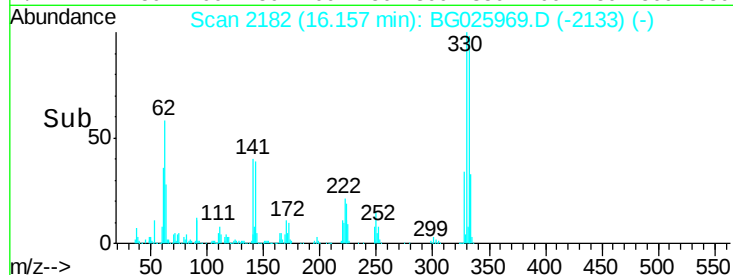
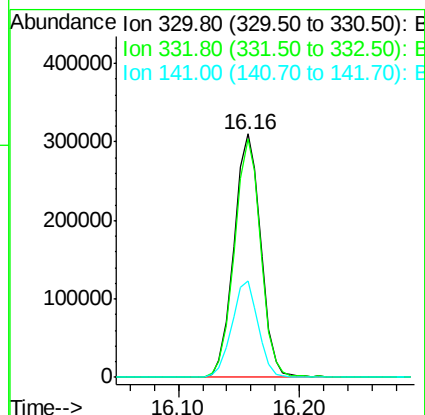
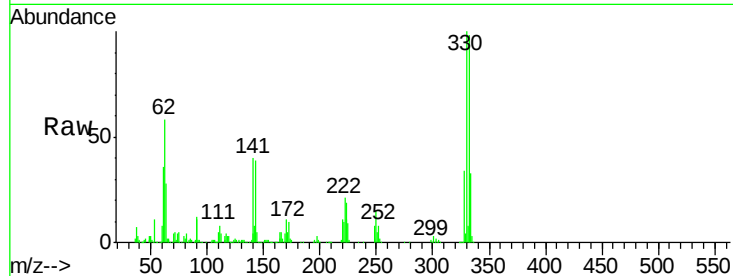




#41
 2,4,6-Tribromophenol
 Concen: 209.86 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025969.D
 Acq: 27 Feb 2017 18:32

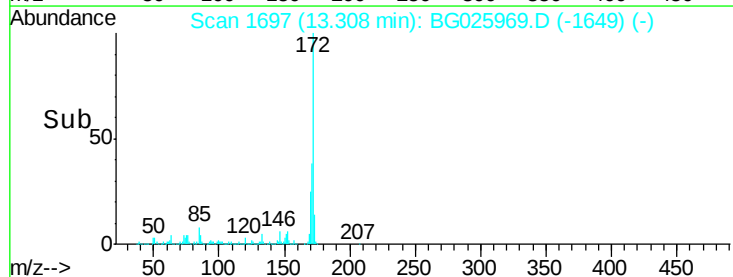
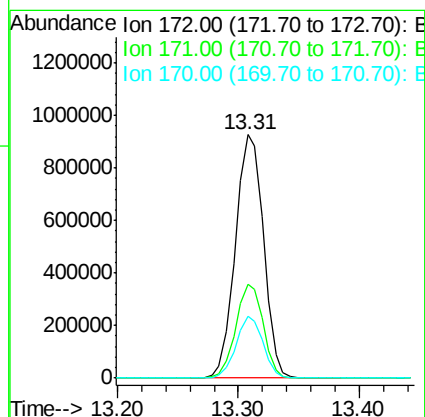
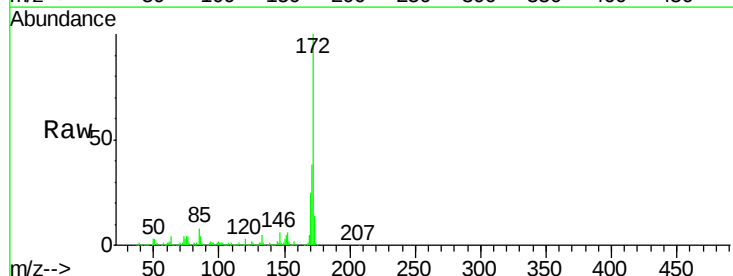
Instrument :
 BNA_G
 ClientSampleId :
 PB97196BL

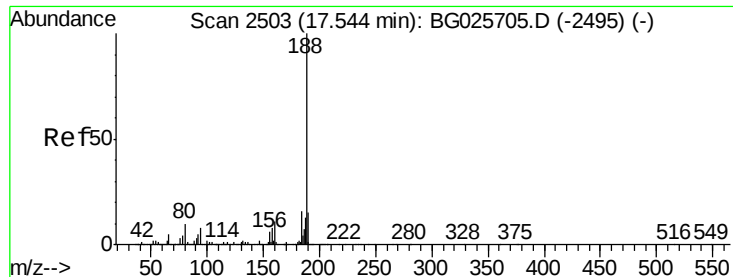
Tgt Ion:330 Resp: 480464
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 38.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 106.05 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG025969.D
 Acq: 27 Feb 2017 18:32

Tgt Ion:172 Resp: 1503881
 Ion Ratio Lower Upper
 172 100
 171 38.4 32.2 48.2
 170 25.4 21.8 32.6

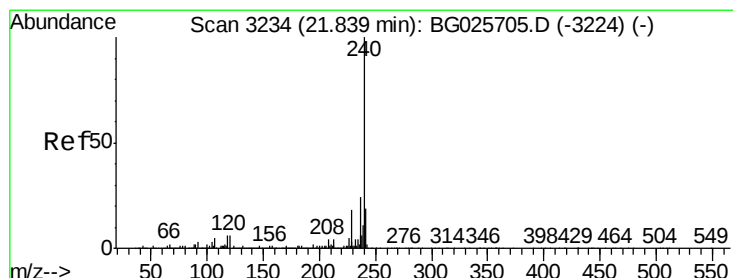
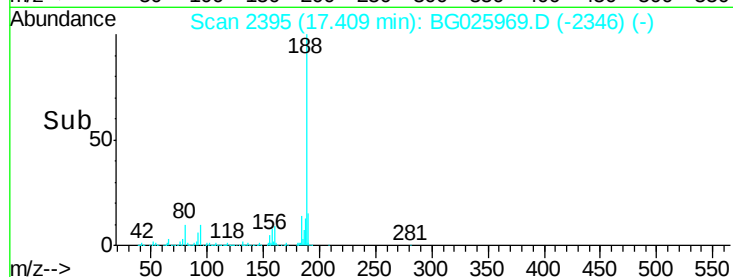
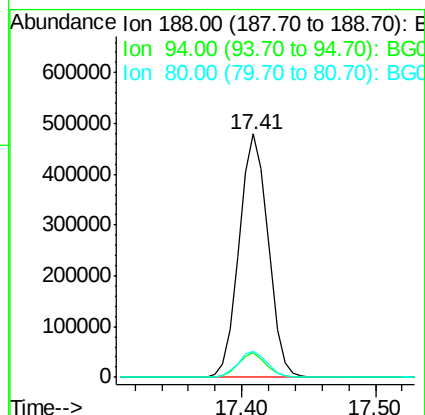
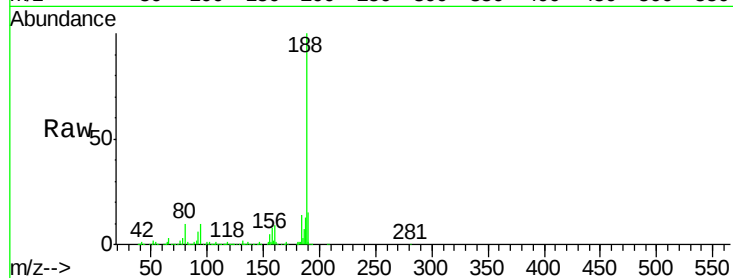




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025969.D
Acq: 27 Feb 2017 18:32

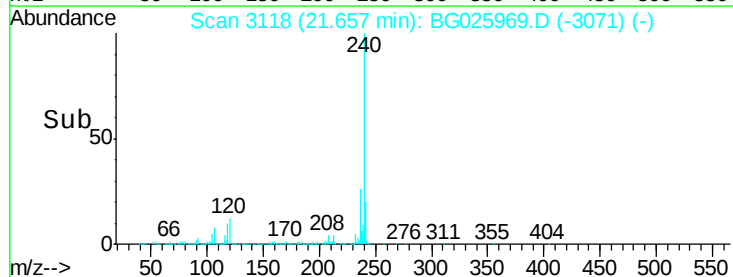
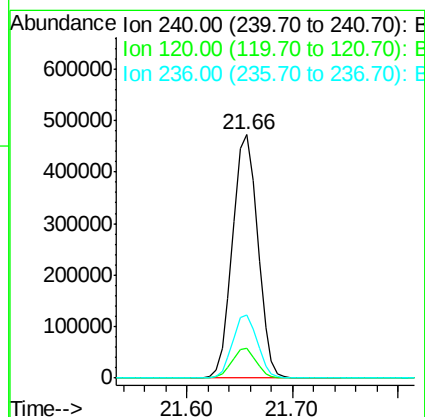
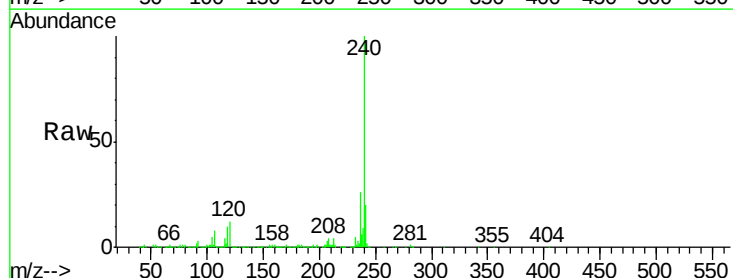
Instrument :
BNA_G
ClientSampleId :
PB97196BL

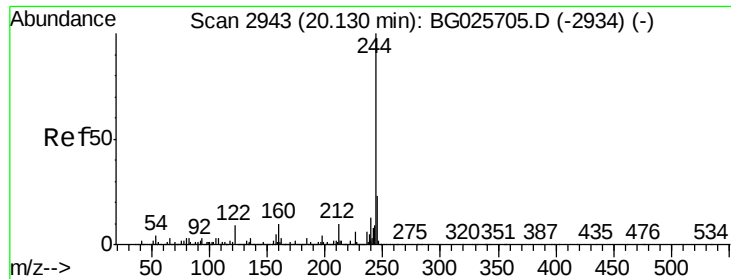
Tgt Ion:188 Resp: 720564
Ion Ratio Lower Upper
188 100
94 10.1 5.8 8.8#
80 10.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025969.D
Acq: 27 Feb 2017 18:32

Tgt Ion:240 Resp: 781849
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 25.8 22.2 33.4





#78

Terphenyl-d14

Concen: 79.74 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG025969.D

Acq: 27 Feb 2017 18:32

Instrument :

BNA_G

ClientSampleId :

PB97196BL

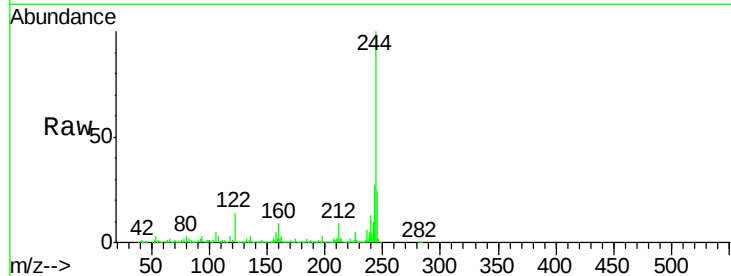
Tgt Ion:244 Resp: 2563458

Ion Ratio Lower Upper

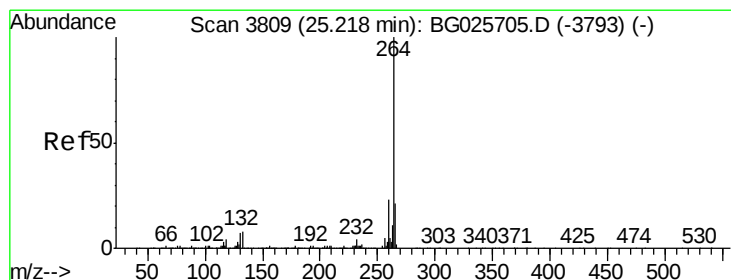
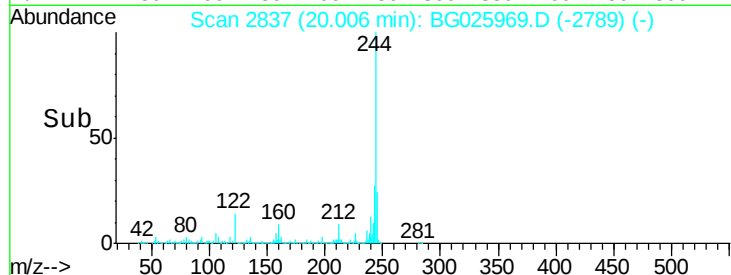
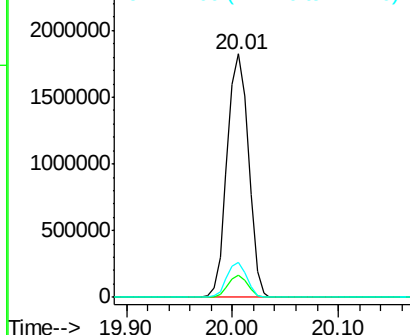
244 100

212 9.2 10.0 15.0#

122 14.3 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: BG025969.D

Acq: 27 Feb 2017 18:32

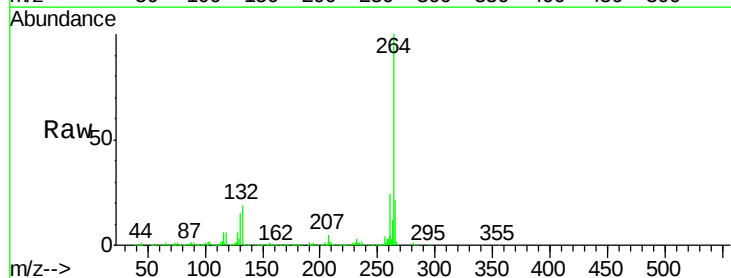
Tgt Ion:264 Resp: 751970

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 20.6 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

