

Data File : BG025968.D
Acq On : 27 Feb 2017 17:52
Operator : SJ/MA
Sample : I1978-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Quant Time: Feb 27 23:59:06 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	79756	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	387305	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	265427	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	755533	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	791123	20.00	ng	-0.02
86) Perylene-d12	24.86	264	764472	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	326695	71.31	ng	-0.01
7) Phenol-d6	7.23	99	292403	43.13	ng	0.00
23) Nitrobenzene-d5	9.23	82	569512	92.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	520337	212.19	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1552979	102.24	ng	-0.01
78) Terphenyl-d14	20.01	244	2714112	83.44	ng	-0.01

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

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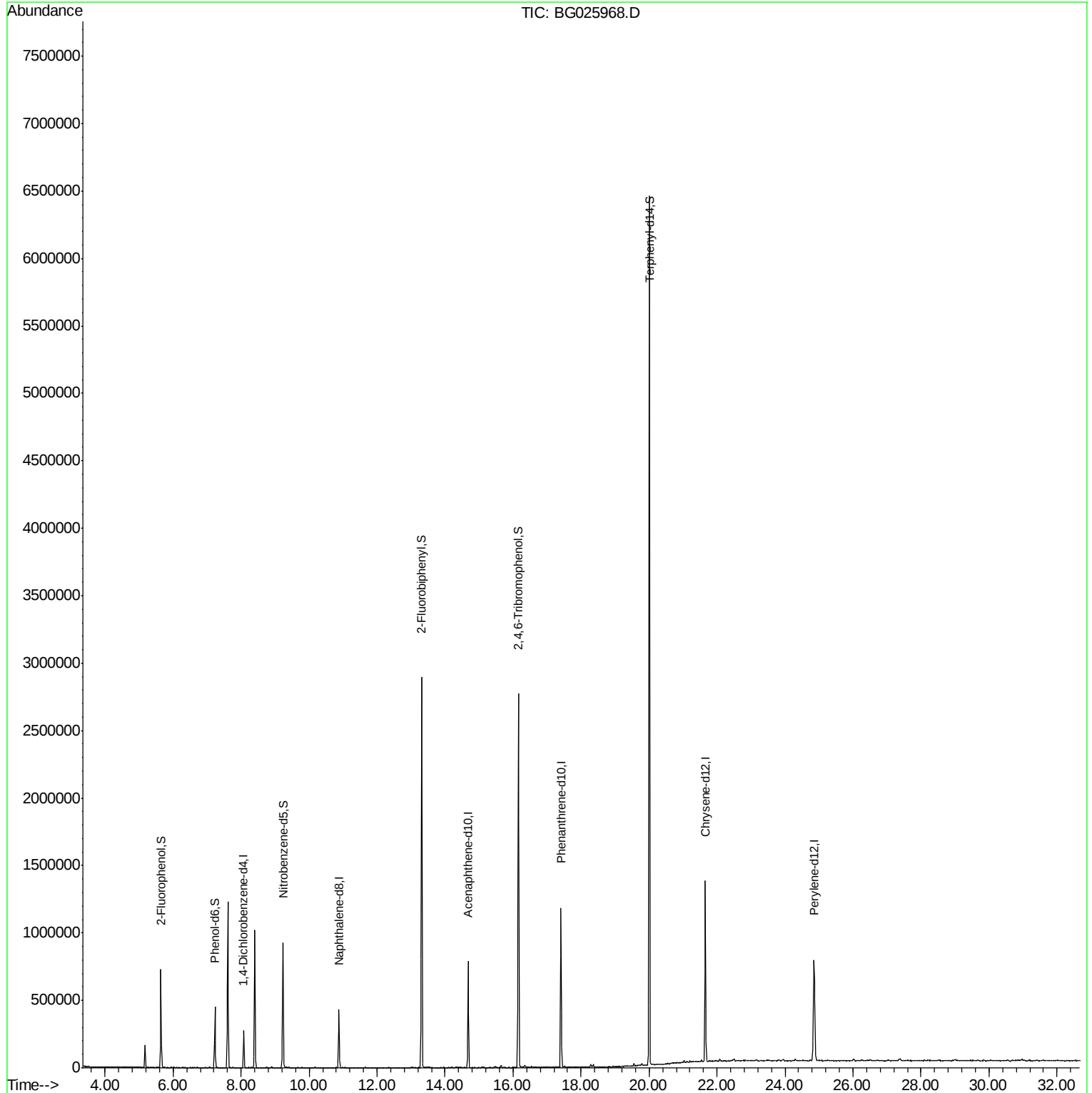
Quant Time: Feb 27 23:59:06 2017

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# 806

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

FIELDBLANK

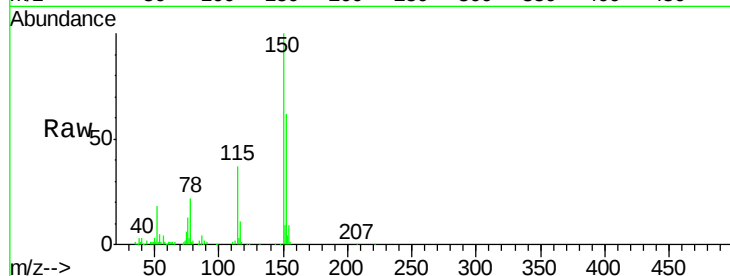
Tgt Ion:152 Resp: 79756

Ion Ratio Lower Upper

152 100

150 161.4 114.0 171.0

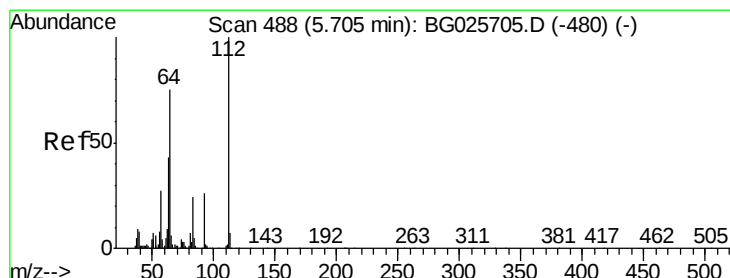
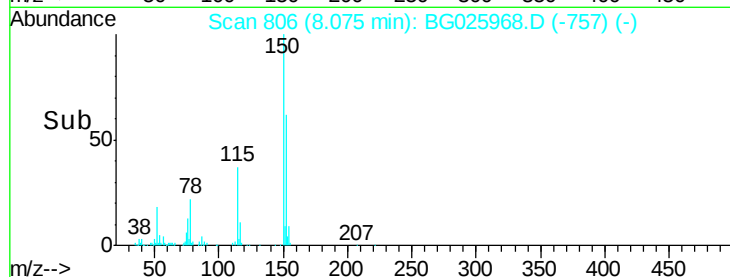
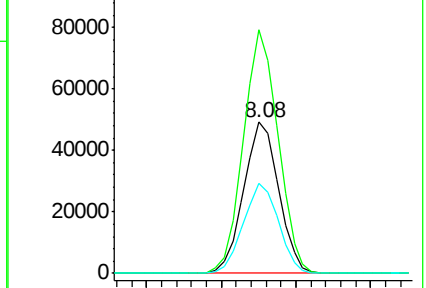
115 59.3 48.1 72.1



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: 71.31 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025968.D

Acq: 27 Feb 2017 17:52

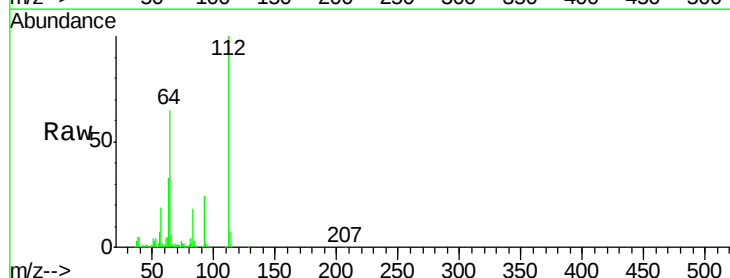
Tgt Ion:112 Resp: 326695

Ion Ratio Lower Upper

112 100

64 64.9 61.8 92.6

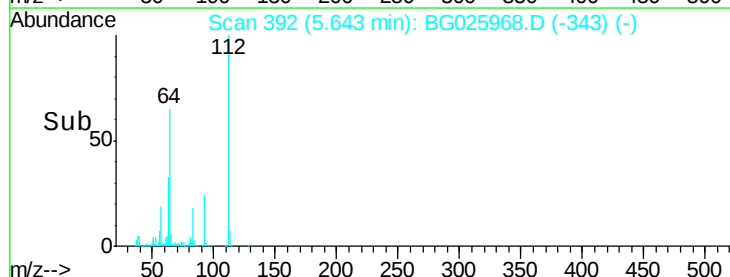
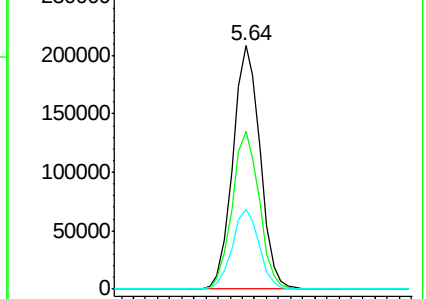
63 33.0 37.2 55.8#



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: 43.13 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025968.D

Acq: 27 Feb 2017 17:52

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

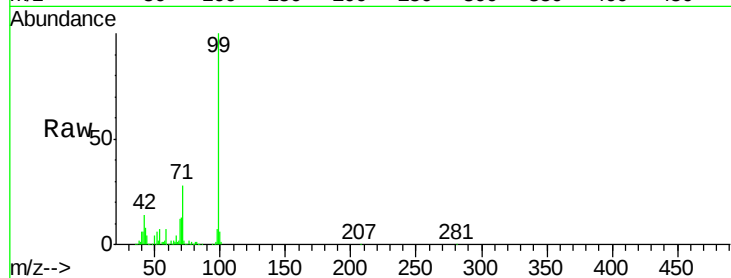
Tgt Ion: 99 Resp: 292403

Ion Ratio Lower Upper

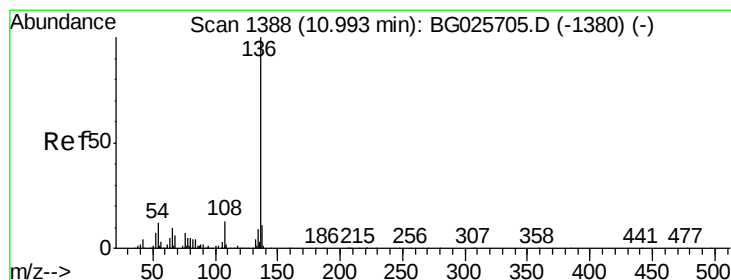
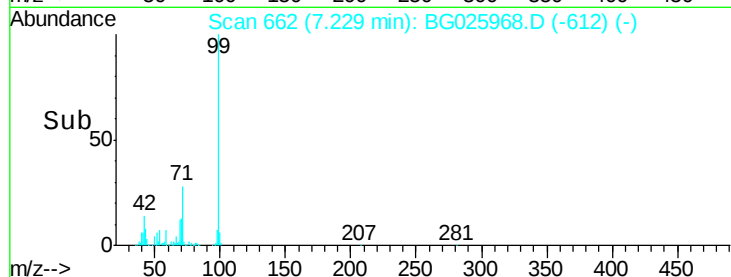
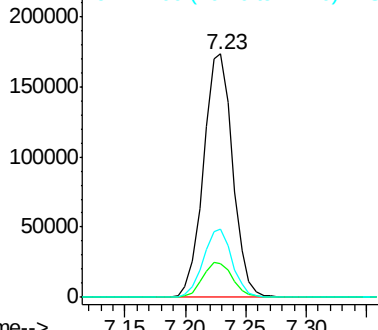
99 100

42 13.7 20.5 30.7#

71 28.2 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: BG025968.D

Acq: 27 Feb 2017 17:52

Tgt Ion: 136 Resp: 387305

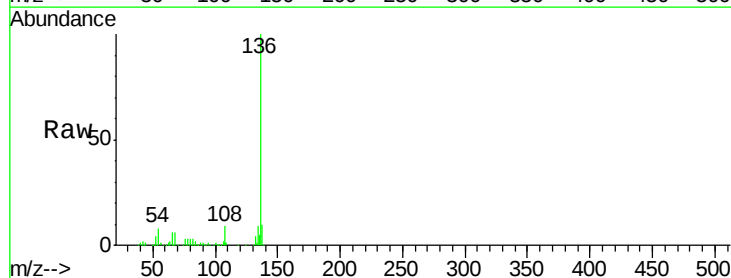
Ion Ratio Lower Upper

136 100

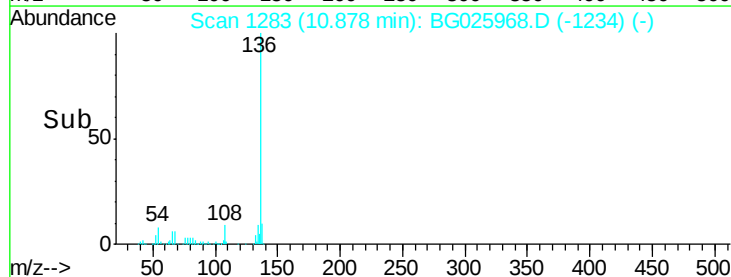
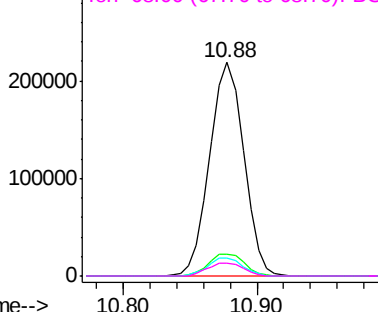
137 10.3 8.9 13.3

54 8.5 9.3 13.9#

68 5.9 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

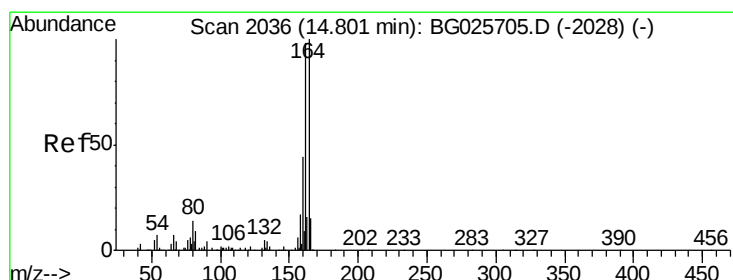
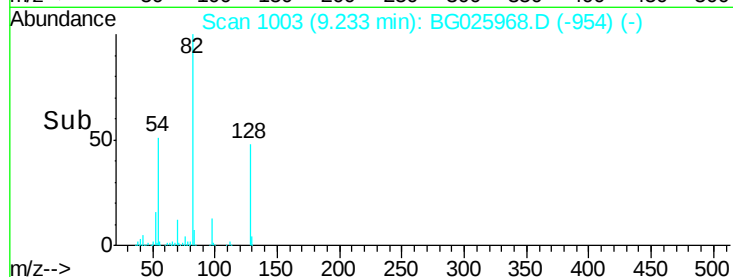
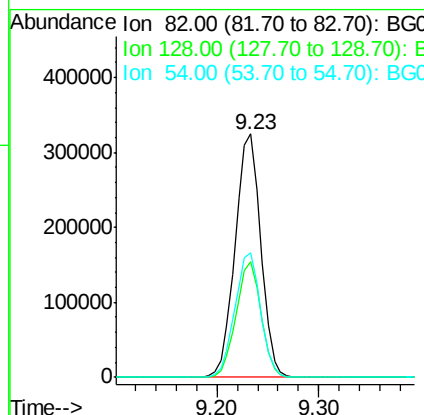
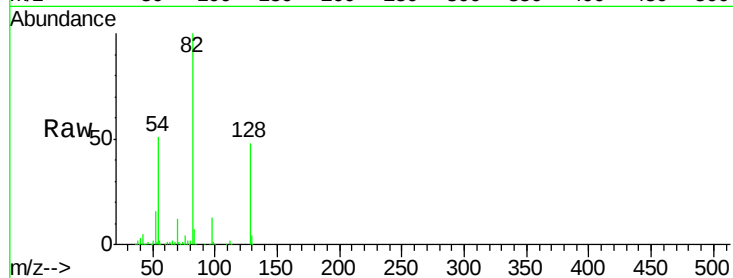




#23
 Nitrobenzene-d5
 Concen: 92.80 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025968.D
 Acq: 27 Feb 2017 17:52

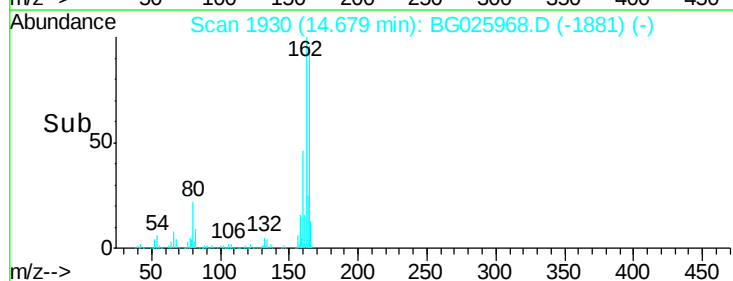
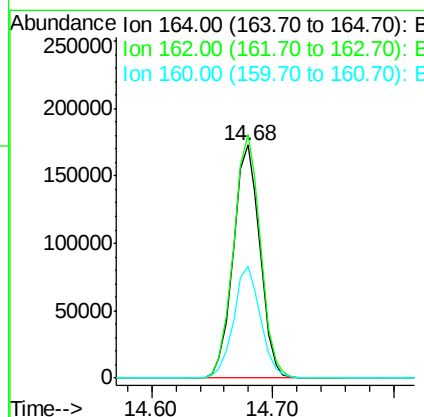
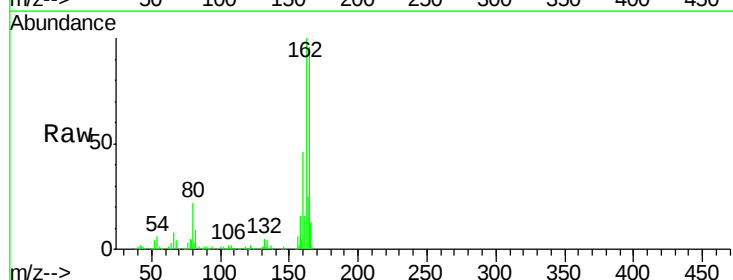
Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK

Tgt Ion: 82 Resp: 569512
 Ion Ratio Lower Upper
 82 100
 128 47.7 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. -0.01 min
 Lab File: BG025968.D
 Acq: 27 Feb 2017 17:52

Tgt Ion: 164 Resp: 265427
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 47.8 34.7 52.1

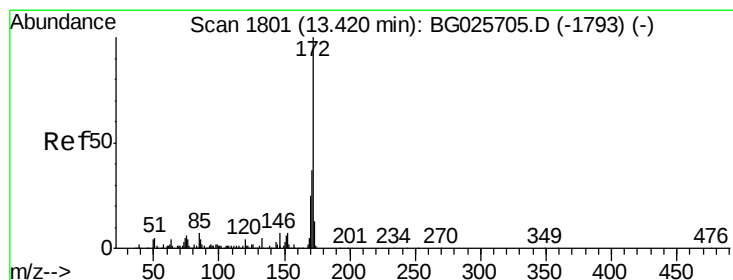
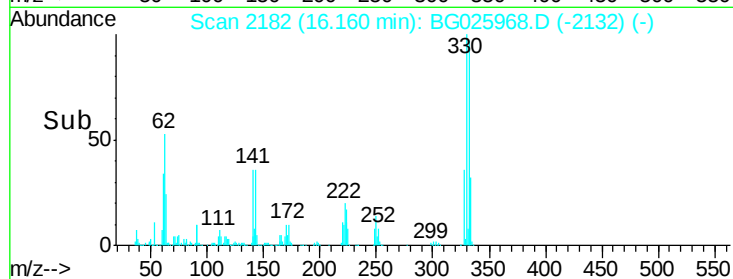
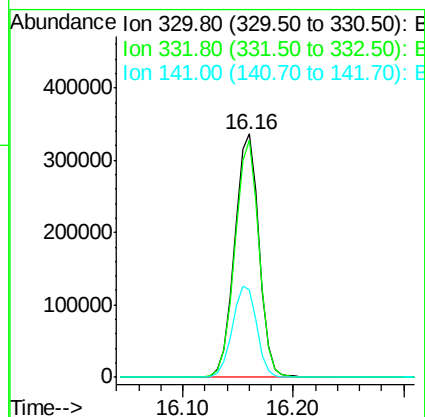
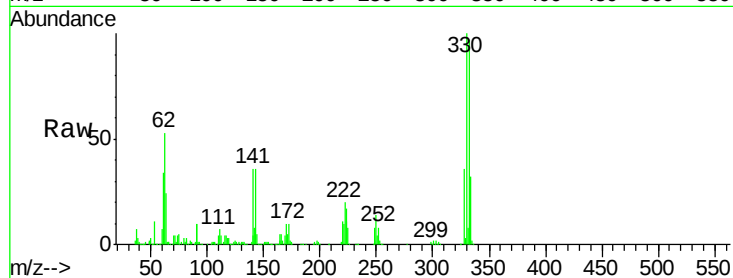




#41
 2,4,6-Tribromophenol
 Concen: 212.19 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025968.D
 Acq: 27 Feb 2017 17:52

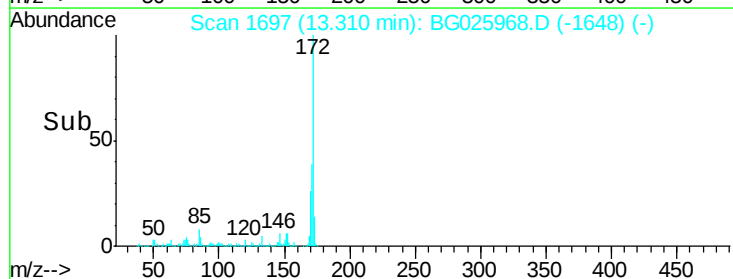
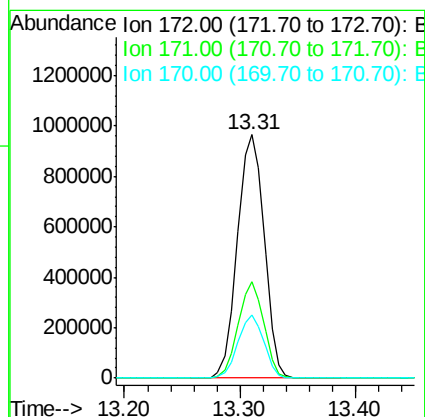
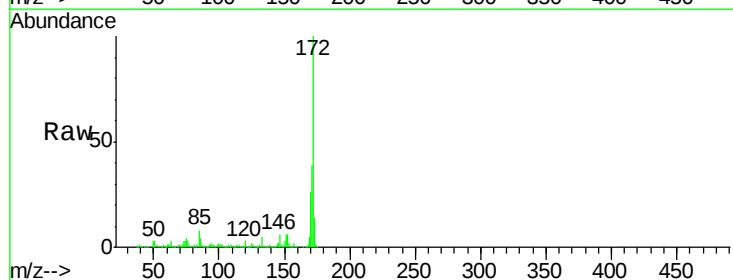
Instrument :
 BNA_G
 ClientSampleId :
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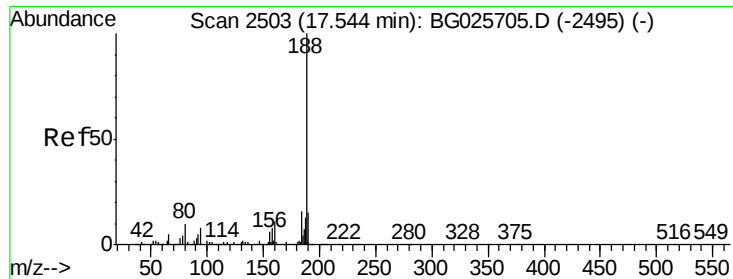
Tgt Ion:	330	Resp:	520337
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	37.8	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 102.24 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025968.D
 Acq: 27 Feb 2017 17:52

Tgt Ion:	172	Resp:	1552979
Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.2	48.2
170	26.1	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: BG025968.D

Acq: 27 Feb 2017 17:52

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

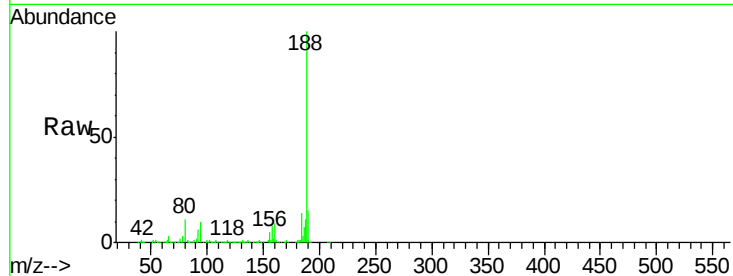
Tgt Ion:188 Resp: 755533

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.8#

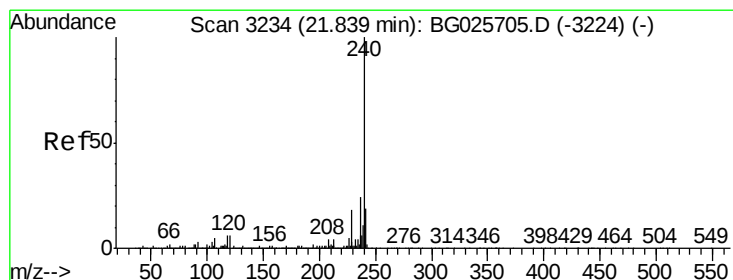
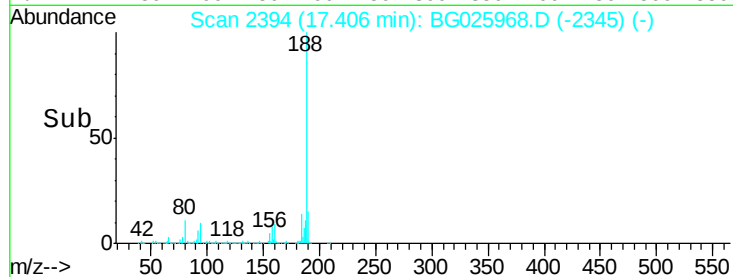
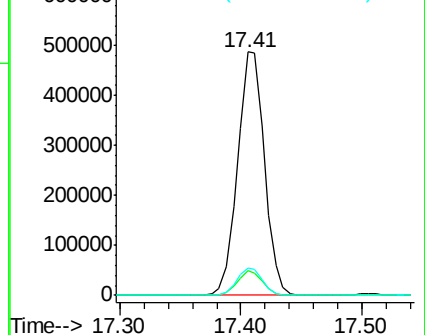
80 11.1 7.5 11.3



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. -0.02 min

Lab File: BG025968.D

Acq: 27 Feb 2017 17:52

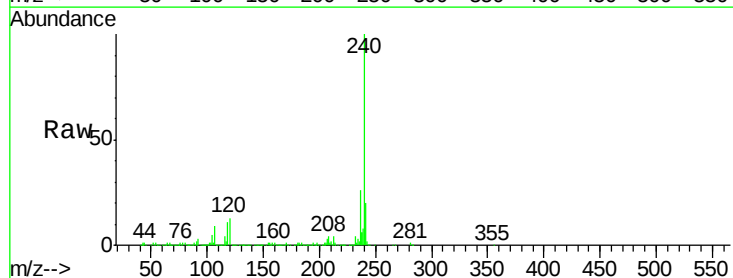
Tgt Ion:240 Resp: 791123

Ion Ratio Lower Upper

240 100

120 12.5 5.7 8.5#

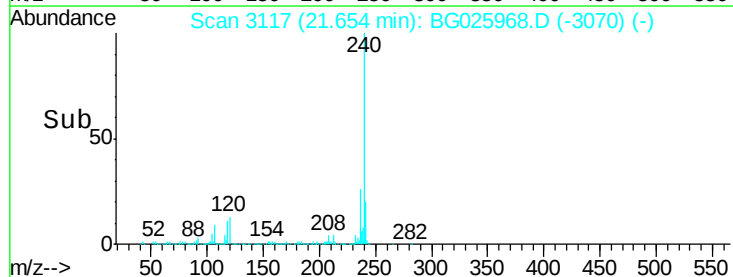
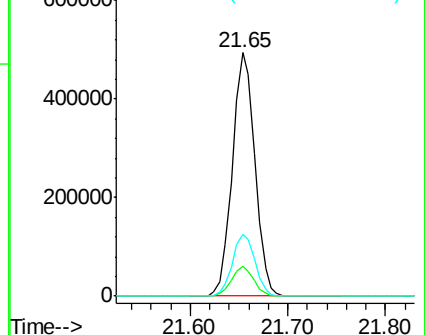
236 25.6 22.2 33.4

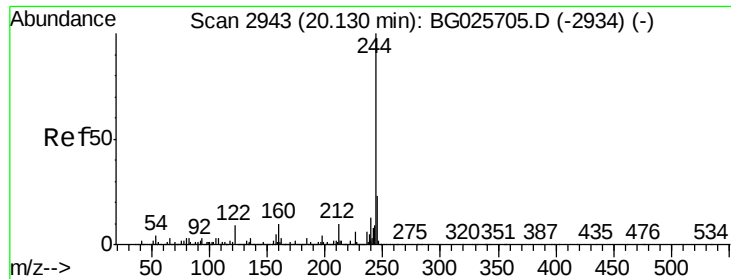


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.44 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025968.D

Acq: 27 Feb 2017 17:52

Instrument :

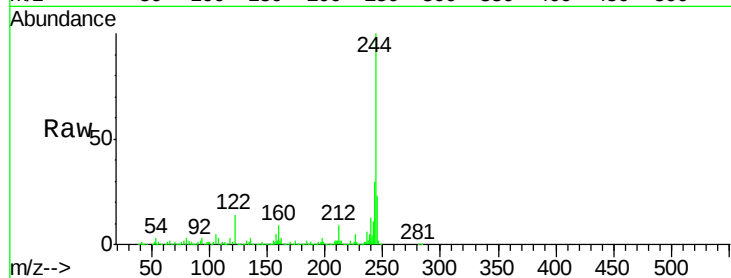
BNA_G

ClientSampleId :

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Tgt Ion:244 Resp: 2714112

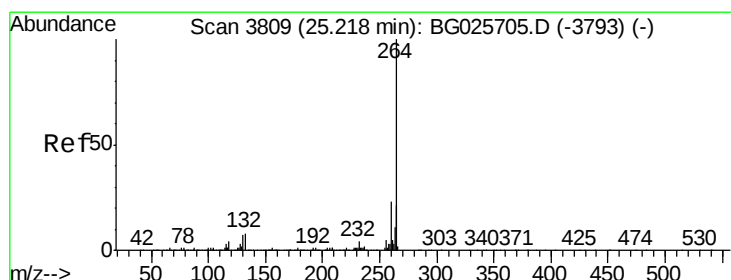
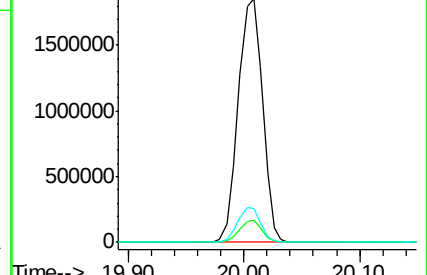
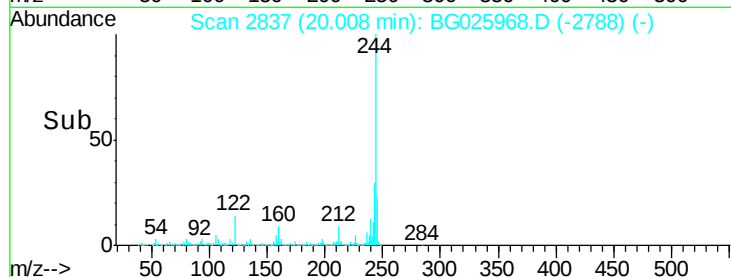
Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	14.0	8.6	12.8#



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: 24.86 min Scan# 3662

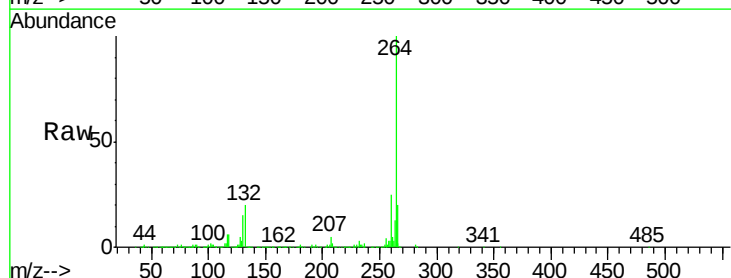
Delta R.T. -0.03 min

Lab File: BG025968.D

Acq: 27 Feb 2017 17:52

Tgt Ion:264 Resp: 764472

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	20.4	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

