

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026001.D
 Acq On : 28 Feb 2017 17:39
 Operator : SJ/MA
 Sample : I2017-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-1-20170227

Quant Time: Mar 01 00:46:17 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	92429	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	425245	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	300881	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	832774	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	858771	20.00	ng	-0.03
86) Perylene-d12	24.85	264	824695	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	459358	86.53	ng	-0.01
7) Phenol-d6	7.23	99	408655	52.02	ng	0.00
23) Nitrobenzene-d5	9.23	82	677335	100.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	651161	234.25	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1917811	111.38	ng	-0.01
78) Terphenyl-d14	20.01	244	2970017	84.11	ng	-0.01

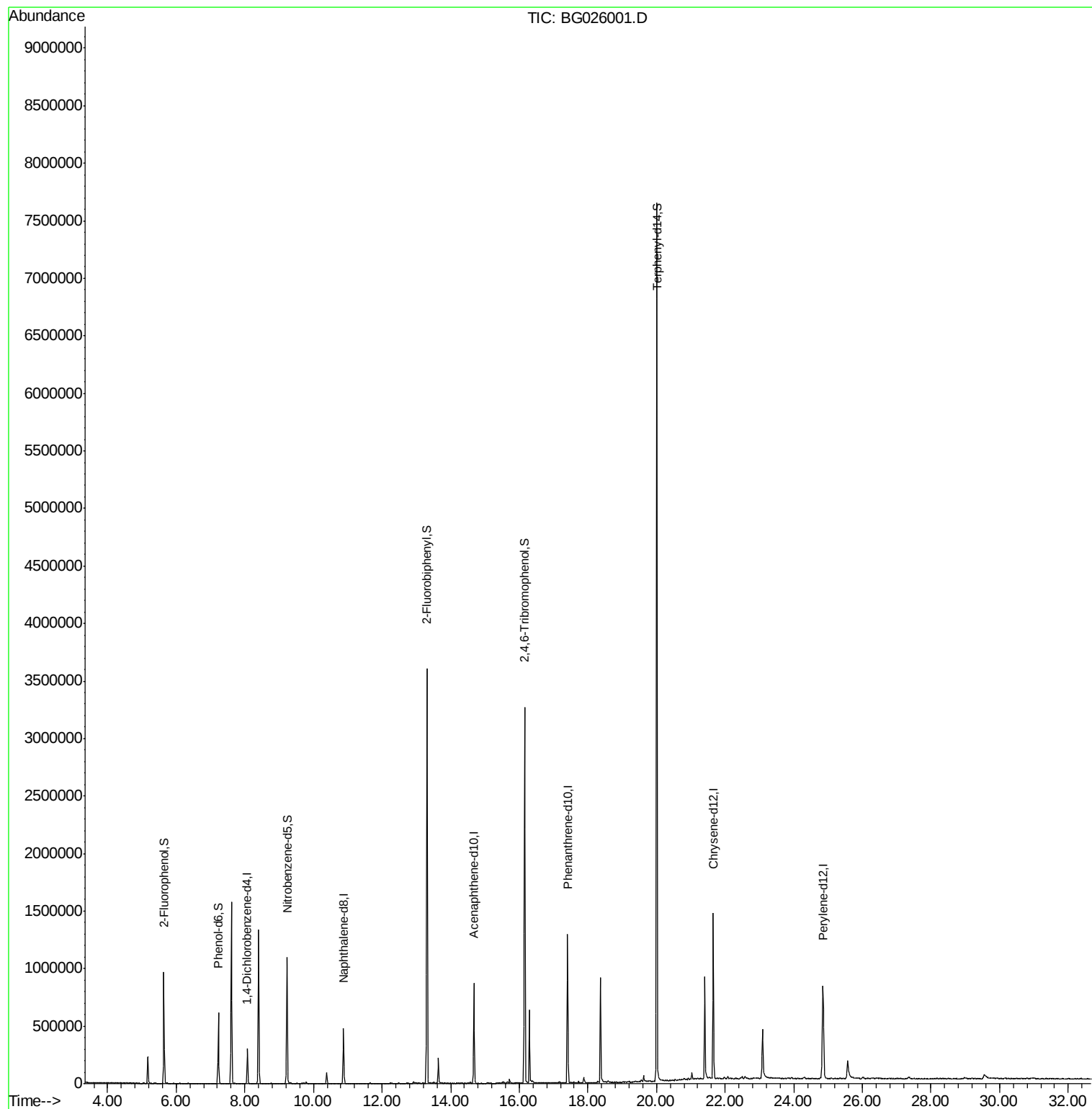
Target Compounds	Qvalue
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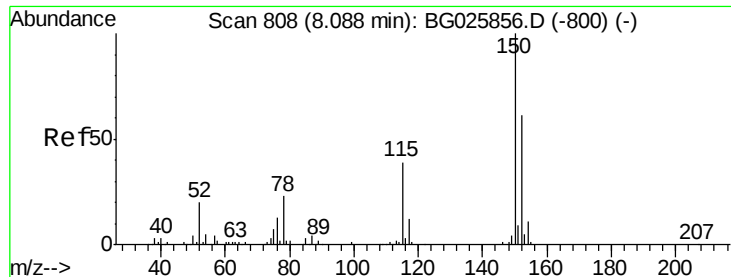
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG026001.D

Acq: 28 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

FB-1-20170227

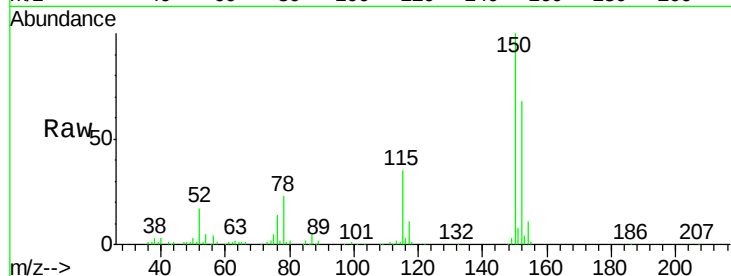
Tgt Ion:152 Resp: 92429

Ion Ratio Lower Upper

152 100

150 146.8 114.0 171.0

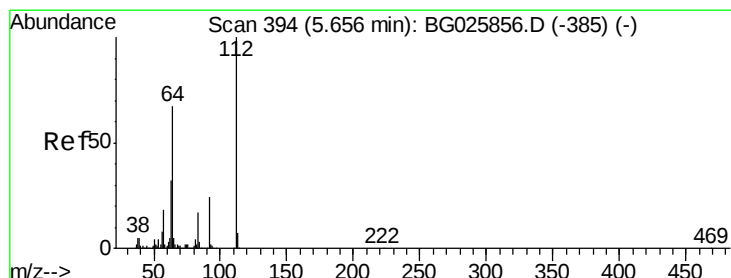
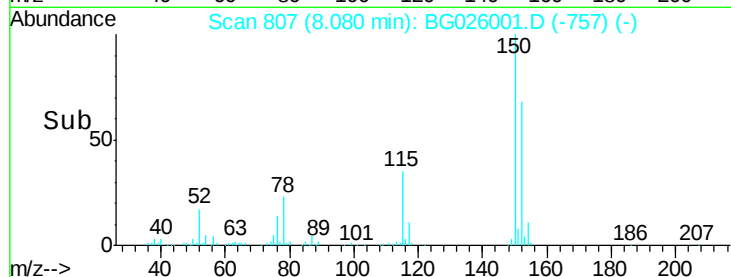
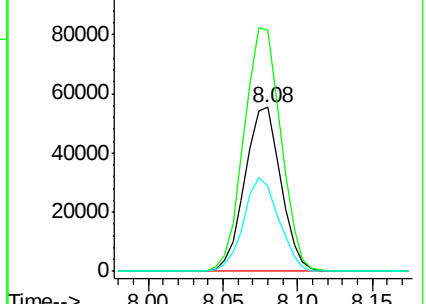
115 51.6 48.1 72.1



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: 86.53 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026001.D

Acq: 28 Feb 2017 17:39

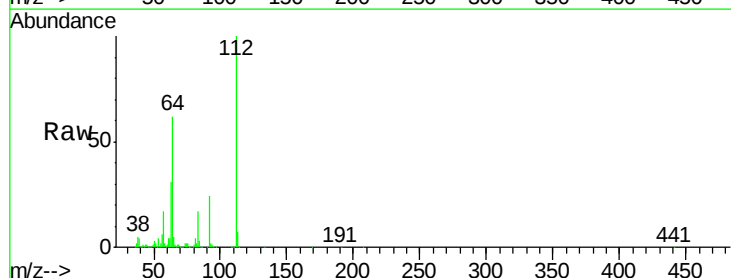
Tgt Ion:112 Resp: 459358

Ion Ratio Lower Upper

112 100

64 62.0 61.8 92.6

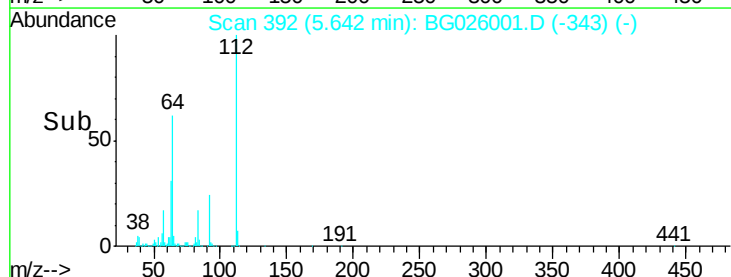
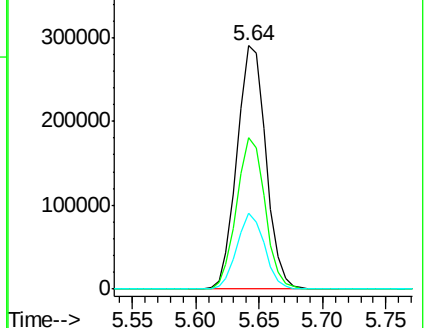
63 31.2 37.2 55.8#

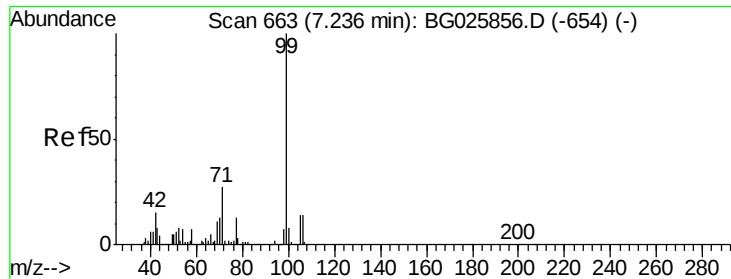


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 52.02 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026001.D

Acq: 28 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

FB-1-20170227

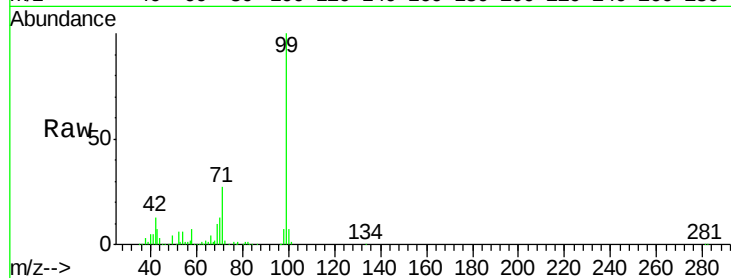
Tgt Ion: 99 Resp: 408655

Ion Ratio Lower Upper

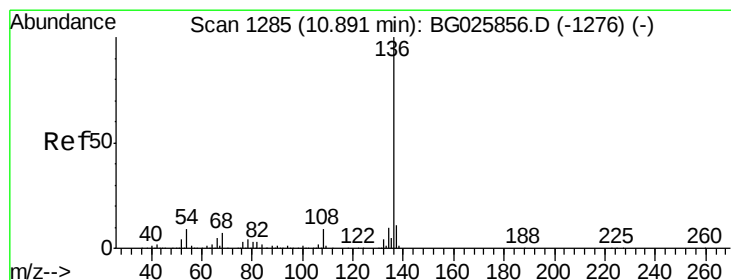
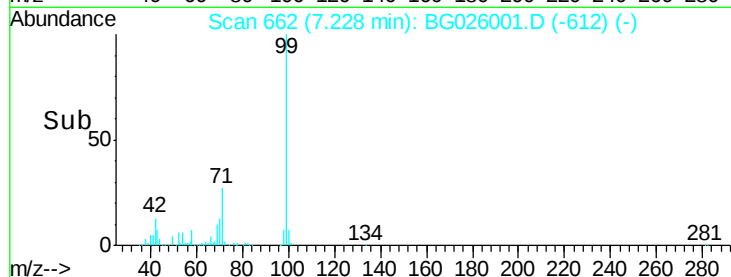
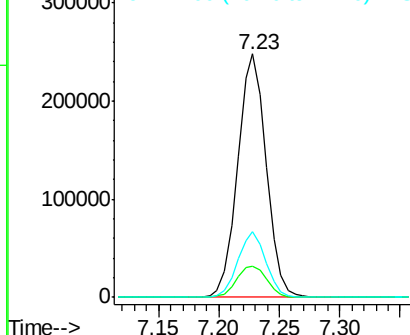
99 100

42 12.5 20.5 30.7#

71 26.9 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: BG026001.D

Acq: 28 Feb 2017 17:39

Tgt Ion: 136 Resp: 425245

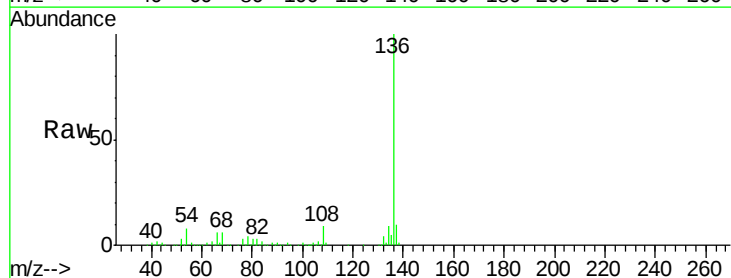
Ion Ratio Lower Upper

136 100

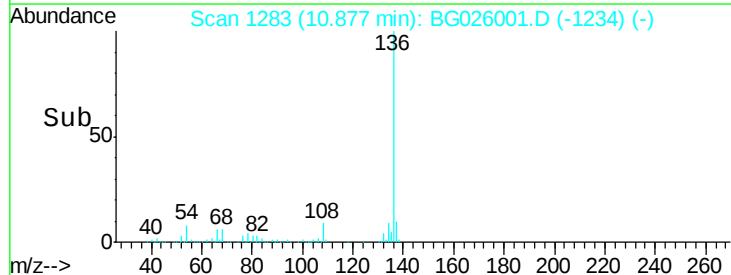
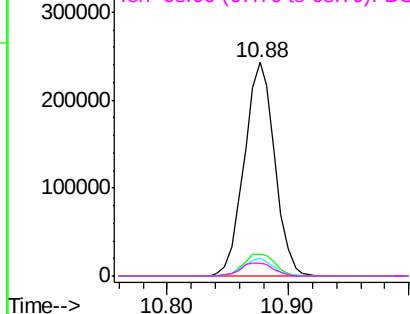
137 10.4 8.9 13.3

54 8.2 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

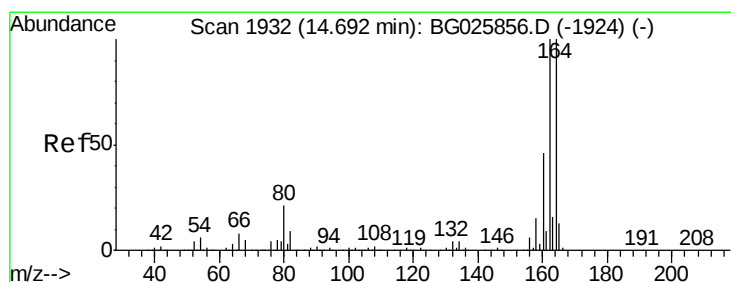
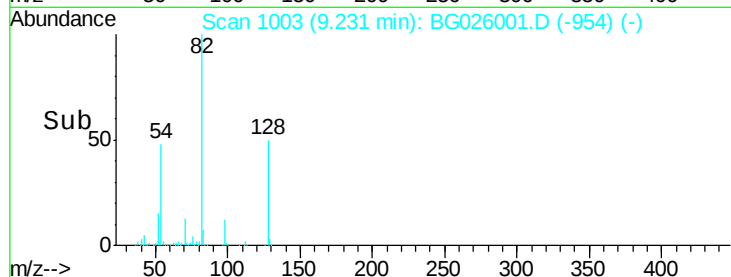
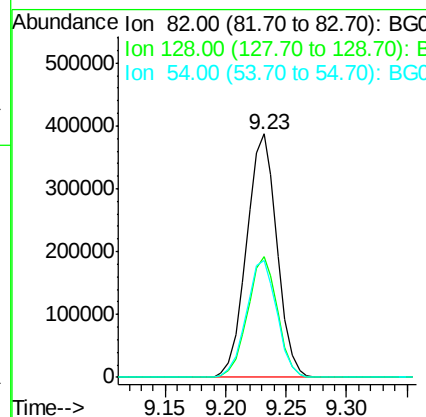
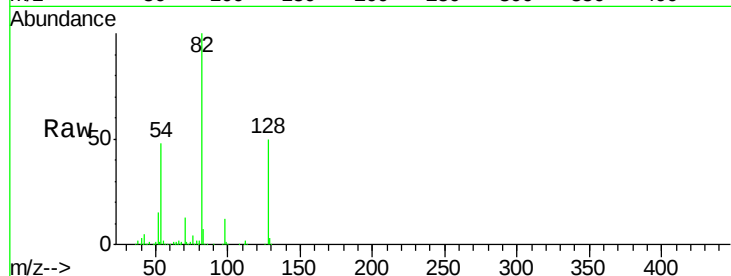




#23
Nitrobenzene-d5
Concen: 100.52 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG026001.D
Acq: 28 Feb 2017 17:39

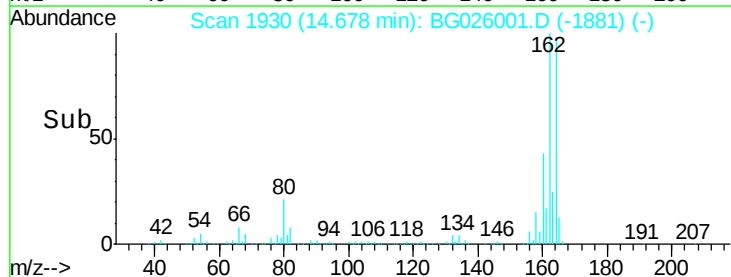
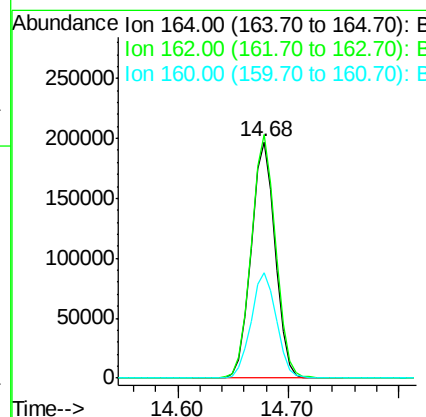
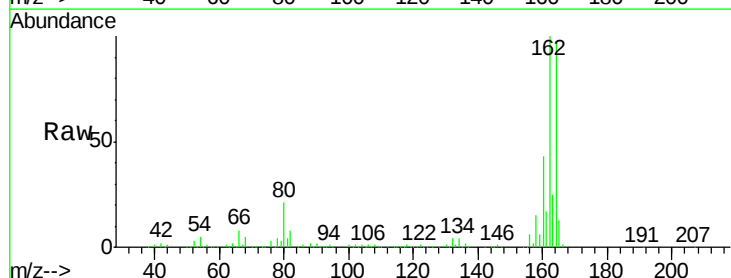
Instrument :
BNA_G
ClientSampleId :
FB-1-20170227

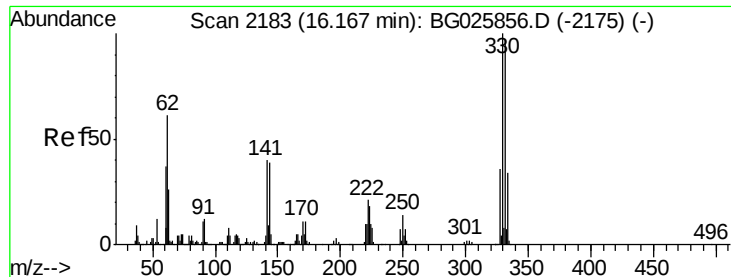
Tgt Ion: 82 Resp: 677335
Ion Ratio Lower Upper
82 100
128 49.7 26.4 39.6#
54 48.2 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG026001.D
Acq: 28 Feb 2017 17:39

Tgt Ion: 164 Resp: 300881
Ion Ratio Lower Upper
164 100
162 103.1 85.1 127.7
160 44.6 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 234.25 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG026001.D

Acq: 28 Feb 2017 17:39

Instrument :

BNA_G

ClientSampled :

FB-1-20170227

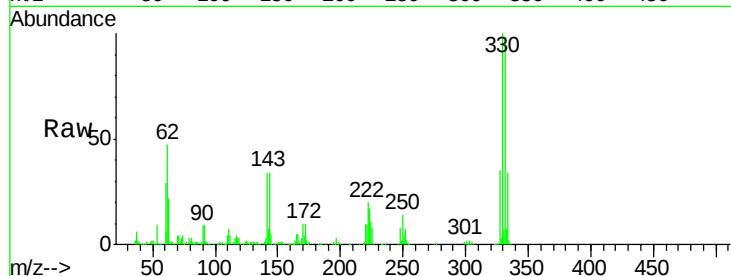
Tgt Ion:330 Resp: 651161

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

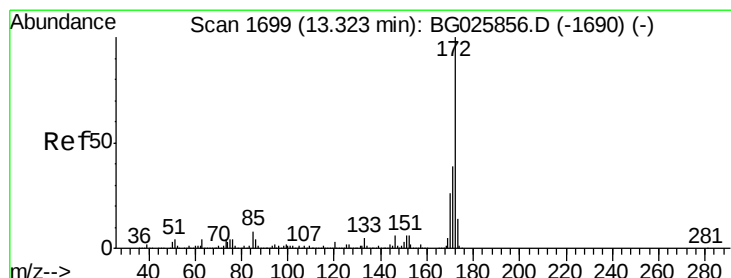
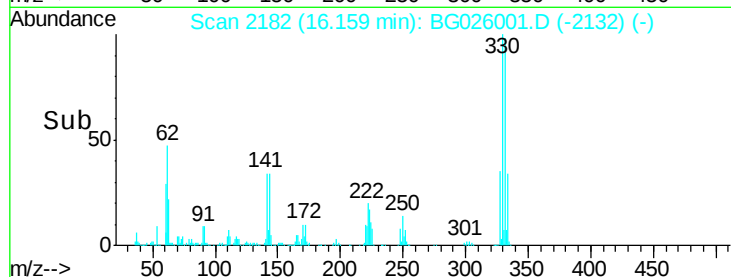
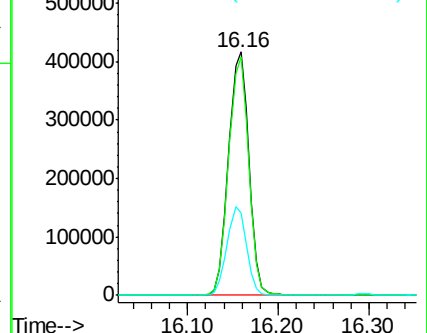
141 35.2 32.1 48.1



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: 111.38 ng

RT: 13.31 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG026001.D

Acq: 28 Feb 2017 17:39

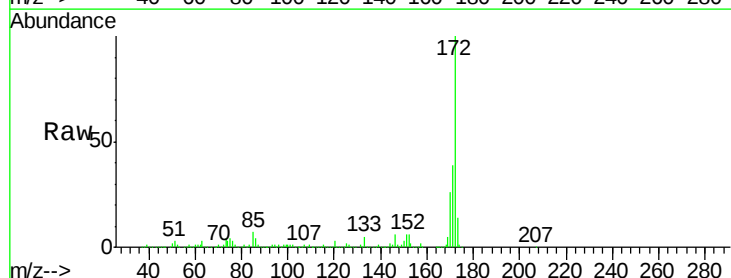
Tgt Ion:172 Resp: 1917811

Ion Ratio Lower Upper

172 100

171 38.9 32.2 48.2

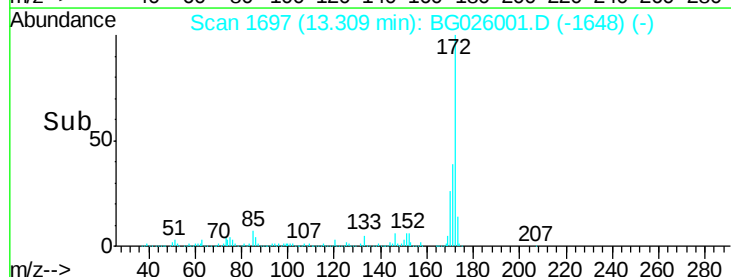
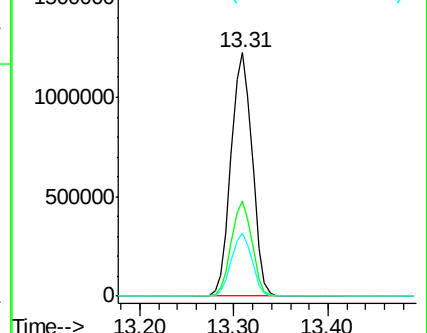
170 25.7 21.8 32.6

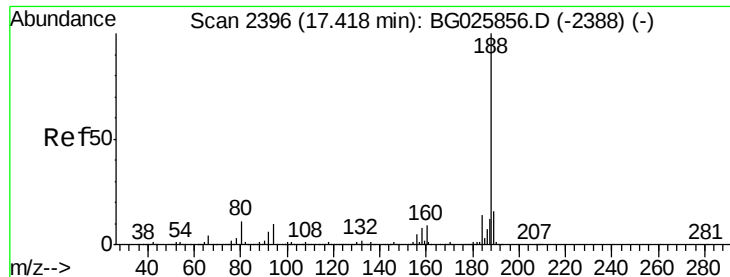


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

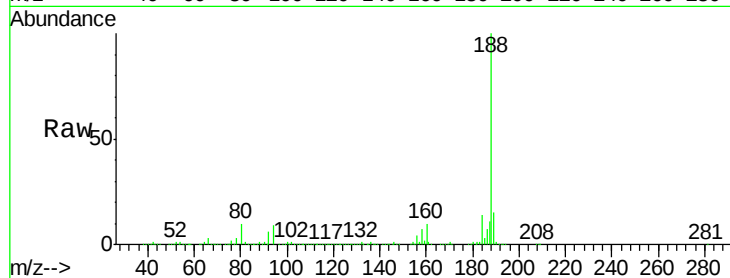




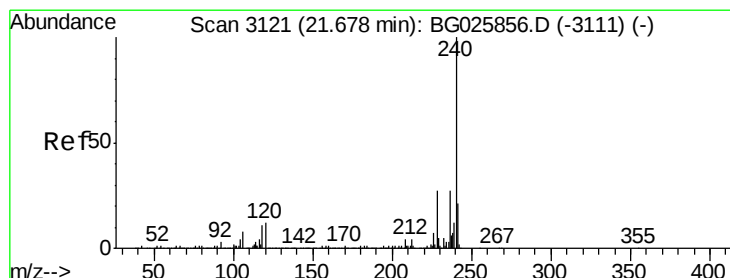
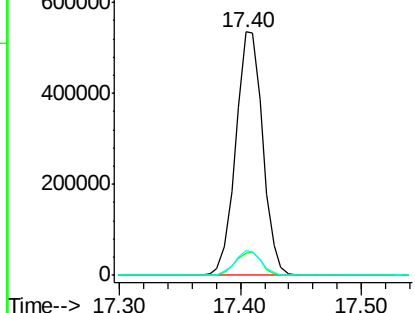
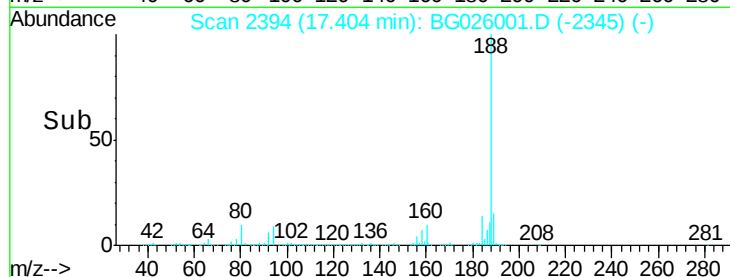
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG026001.D
Acq: 28 Feb 2017 17:39

Instrument :
BNA_G
ClientSampleId :
FB-1-20170227

Tgt Ion:188 Resp: 832774
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.8#
80 10.0 7.5 11.3

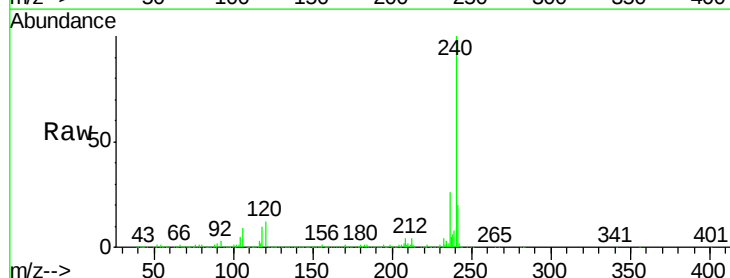


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

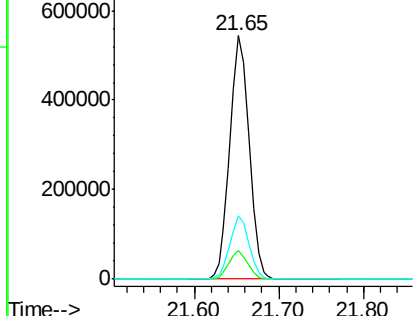
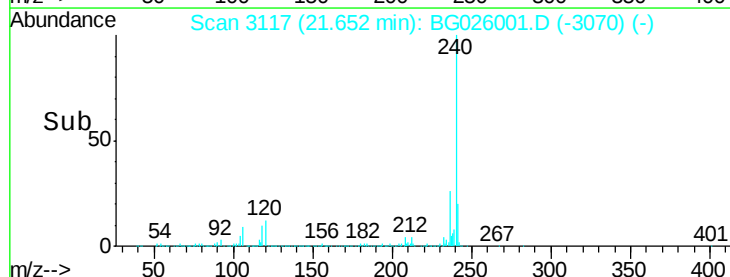


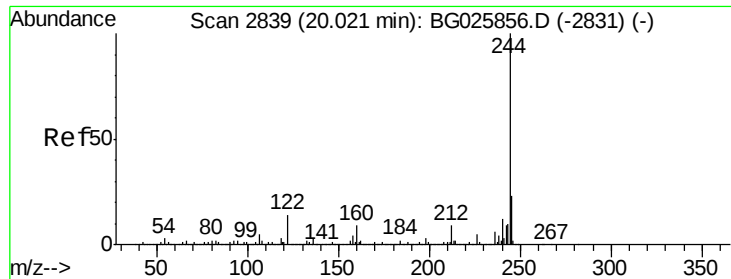
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3117
Delta R.T. -0.03 min
Lab File: BG026001.D
Acq: 28 Feb 2017 17:39

Tgt Ion:240 Resp: 858771
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.7 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: 84.11 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG026001.D

Acq: 28 Feb 2017 17:39

Instrument :

BNA_G

ClientSampleId :

FB-1-20170227

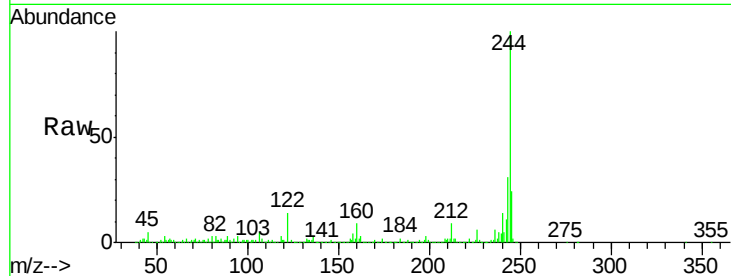
Tgt Ion:244 Resp: 2970017

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

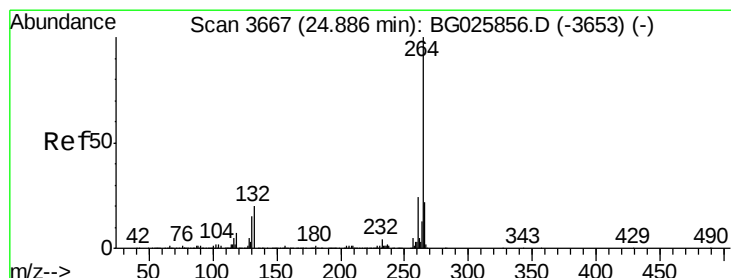
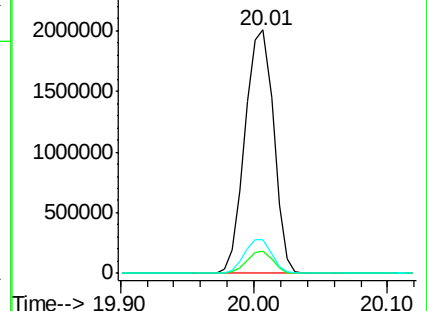
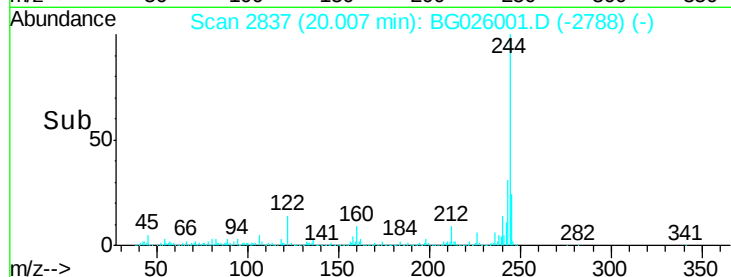
122 13.8 8.6 12.8#



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: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026001.D

Acq: 28 Feb 2017 17:39

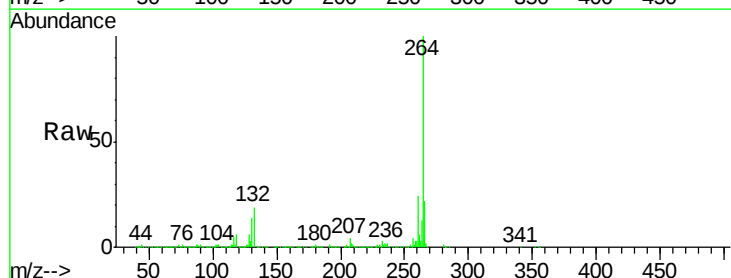
Tgt Ion:264 Resp: 824695

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 22.4 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

