

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030417\
 Data File : BG026076.D
 Acq On : 3 Mar 2017 23:05
 Operator : SJ/MA
 Sample : I2089-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B65-B66-001

Quant Time: Mar 04 00:45:50 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

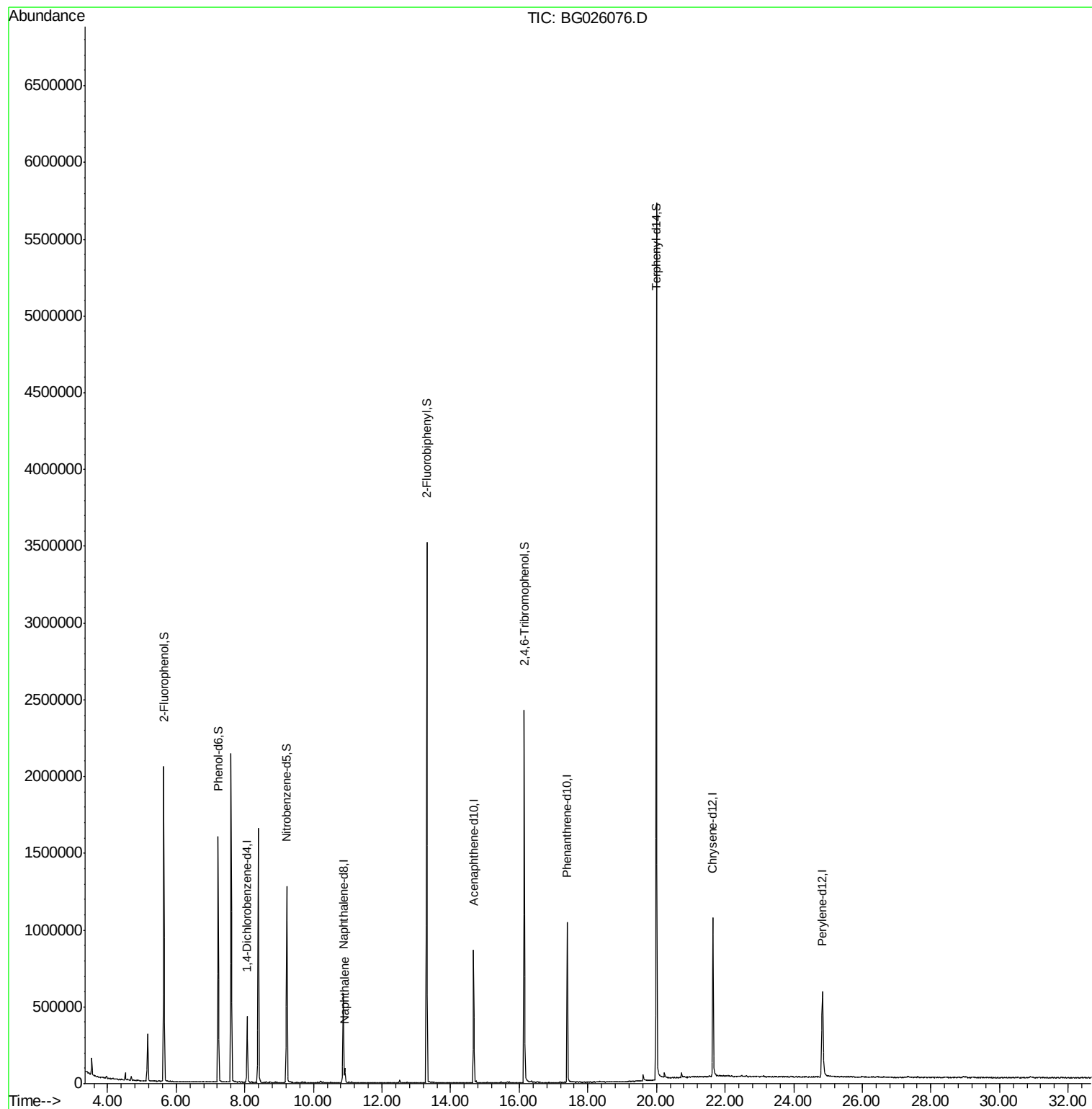
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	128910	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	532172	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	295731	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	697061	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	682108	20.00	ng	-0.03
86) Perylene-d12	24.84	264	627445	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	975227	131.71	ng	-0.01
7) Phenol-d6	7.22	99	1136025	103.68	ng	-0.01
23) Nitrobenzene-d5	9.23	82	808520	95.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	479812	175.61	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1905361	112.58	ng	-0.02
78) Terphenyl-d14	20.00	244	2591773	92.41	ng	-0.02
Target Compounds						
31) Naphthalene	10.92	128	84673	3.08	ng	Qvalue # 96

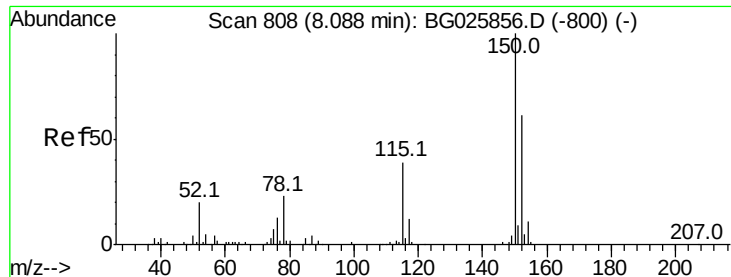
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

Instrument :

BNA_G

ClientSampleId :

WC-B65-B66-001

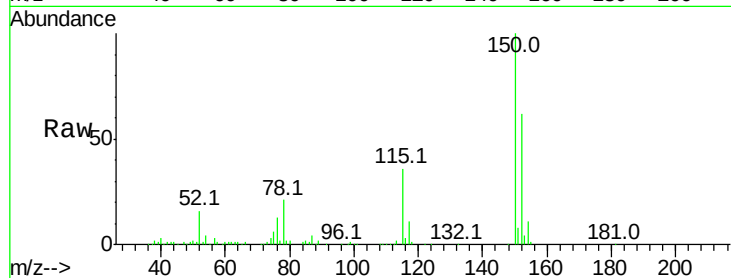
Tot Ion:152 Resp: 128910

Ion Ratio Lower Upper

152 100

150 162.2 114.0 171.0

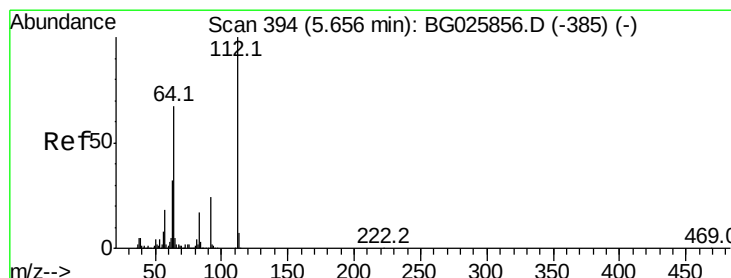
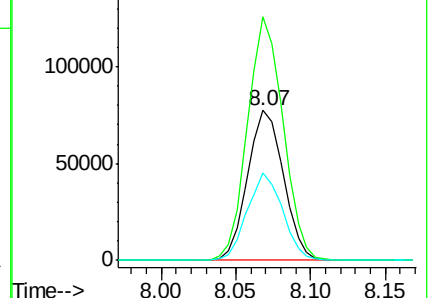
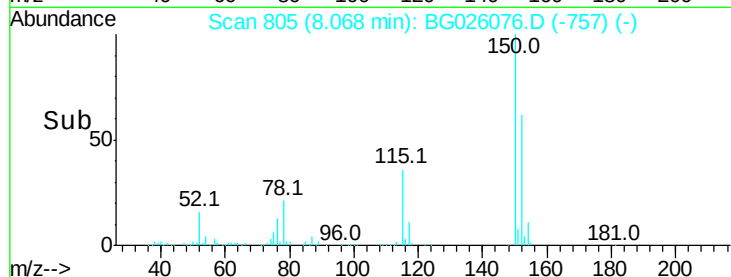
115 58.5 48.1 72.1



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: 131.71 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

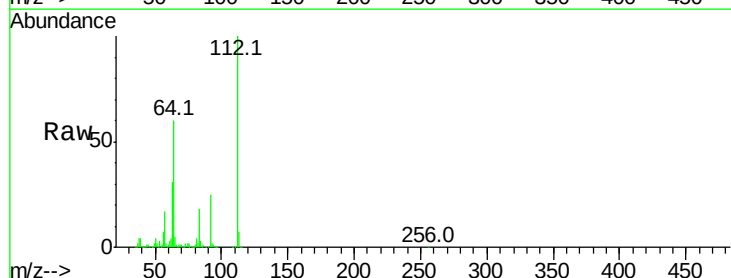
Tgt Ion:112 Resp: 975227

Ion Ratio Lower Upper

112 100

64 60.2 61.8 92.6#

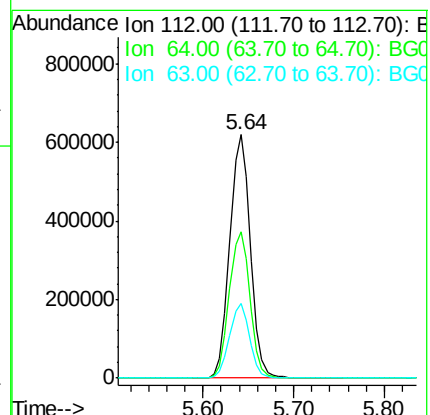
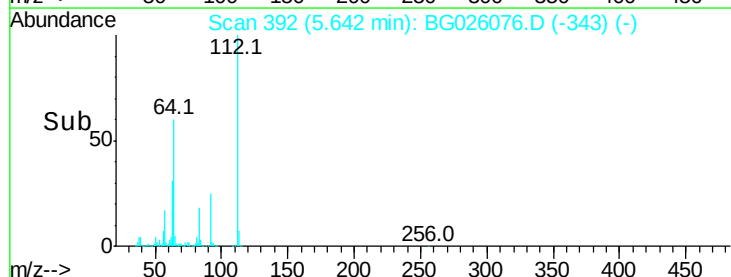
63 30.7 37.2 55.8#

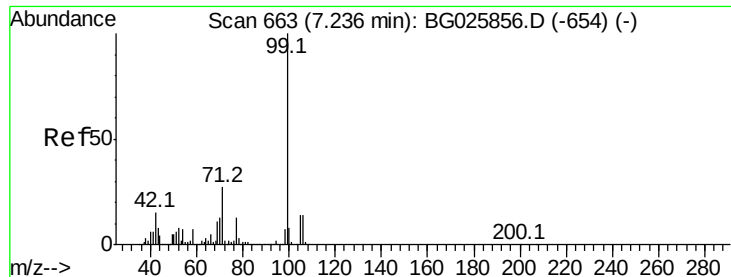


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.68 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

Instrument :

BNA_G

ClientSampleId :

WC-B65-B66-001

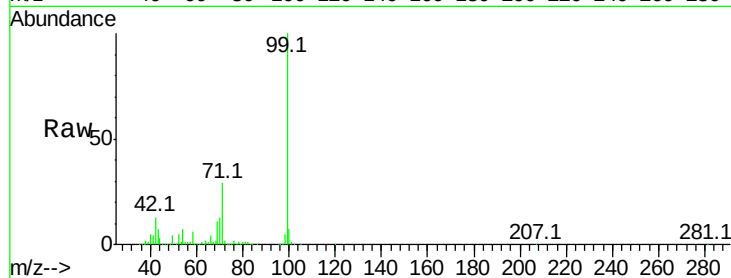
Tot Ion: 99 Resp: 1136025

Ion Ratio Lower Upper

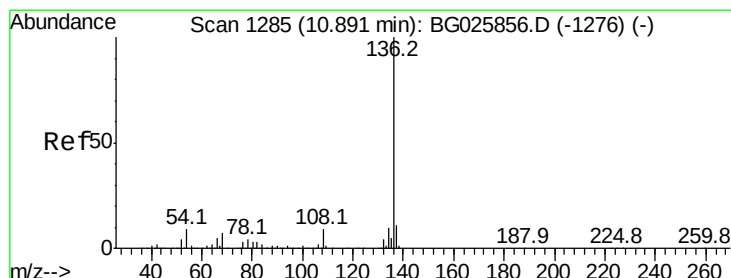
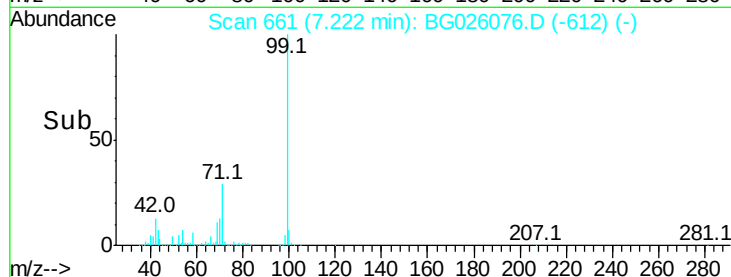
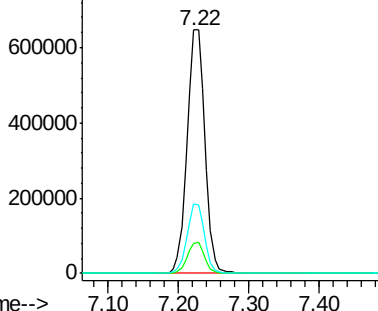
99 100

42 12.5 20.5 30.7#

71 28.6 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: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

Tgt Ion: 136 Resp: 532172

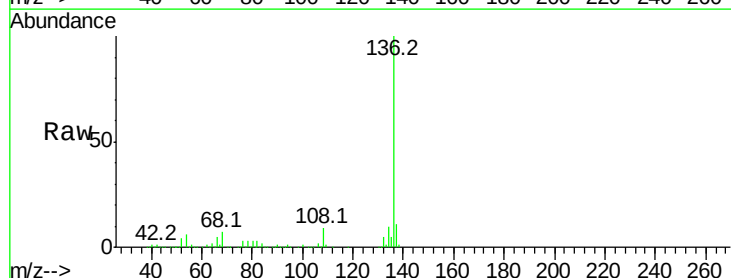
Ion Ratio Lower Upper

136 100

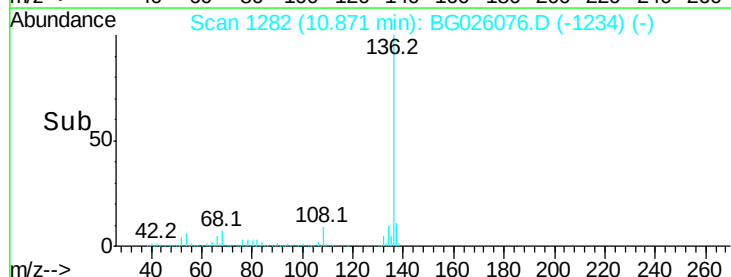
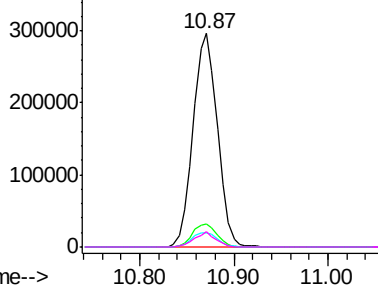
137 11.1 8.9 13.3

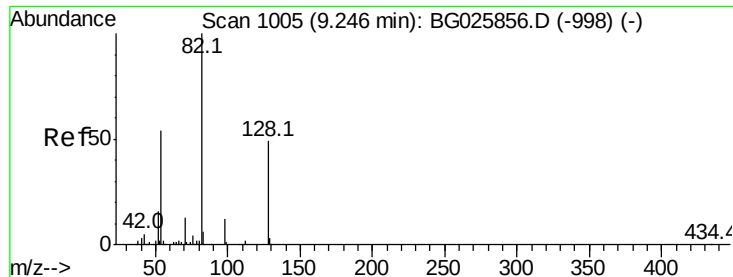
54 6.4 9.3 13.9#

68 6.9 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: 95.88 ng

RT: 9.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

Instrument :

BNA_G

ClientSampleId :

WC-B65-B66-001

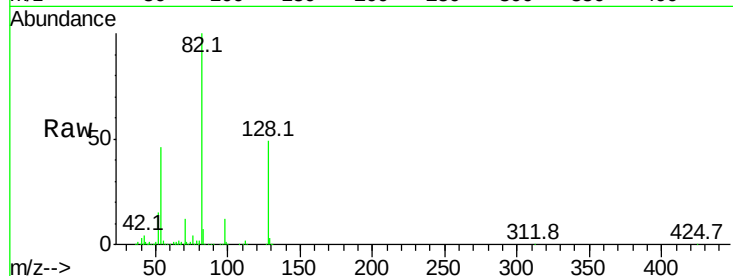
Tot Ion: 82 Resp: 808520

Ion Ratio Lower Upper

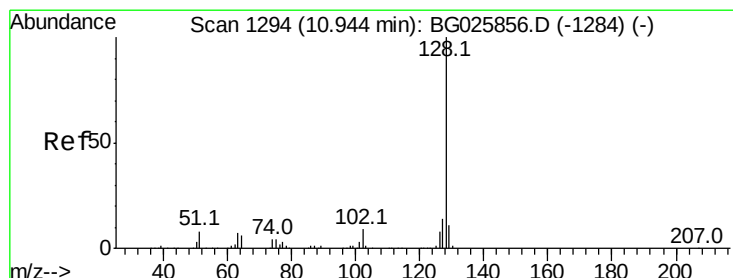
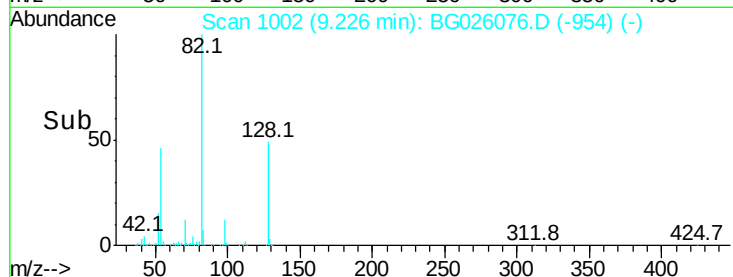
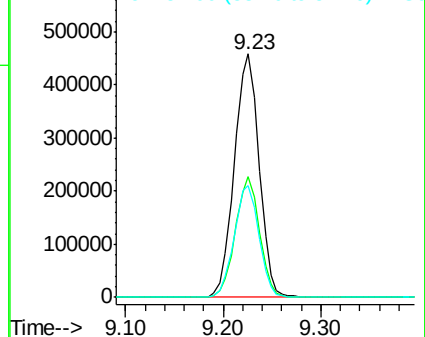
82 100

128 49.5 26.4 39.6#

54 45.8 49.4 74.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 3.08 ng

RT: 10.92 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

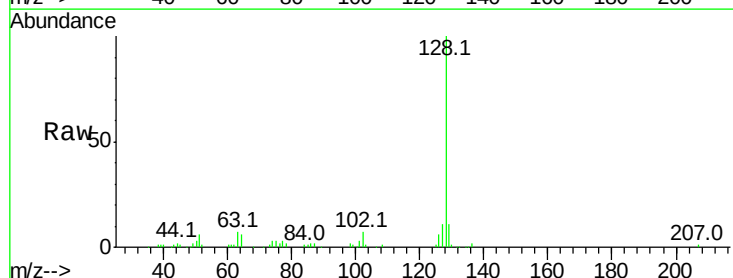
Tgt Ion: 128 Resp: 84673

Ion Ratio Lower Upper

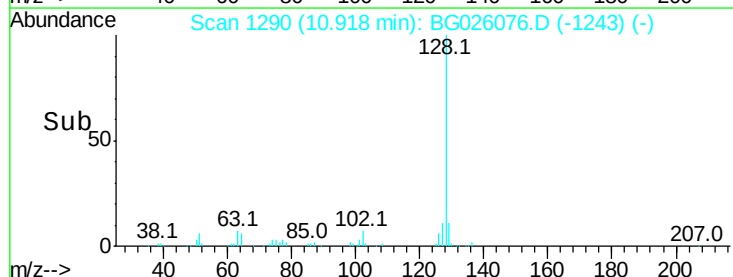
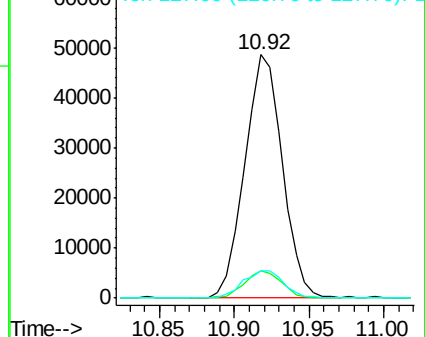
128 100

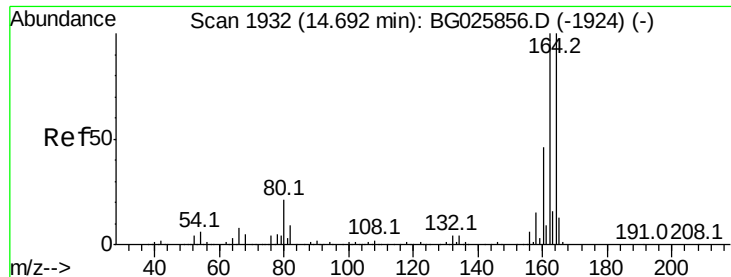
129 11.5 9.3 13.9

127 11.2 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

Instrument :

BNA_G

ClientSampleId :

WC-B65-B66-001

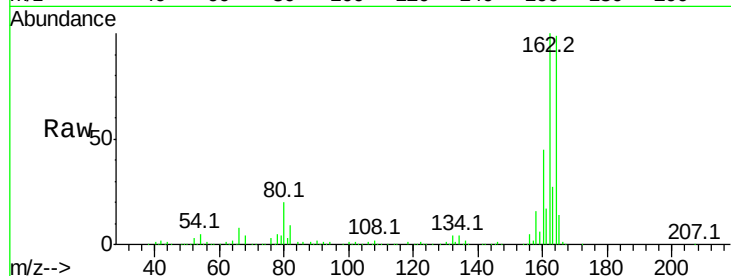
Tot Ion:164 Resp: 295731

Ion Ratio Lower Upper

164 100

162 101.4 85.1 127.7

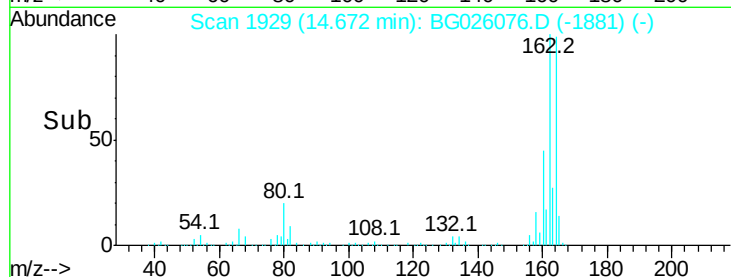
160 45.6 34.7 52.1



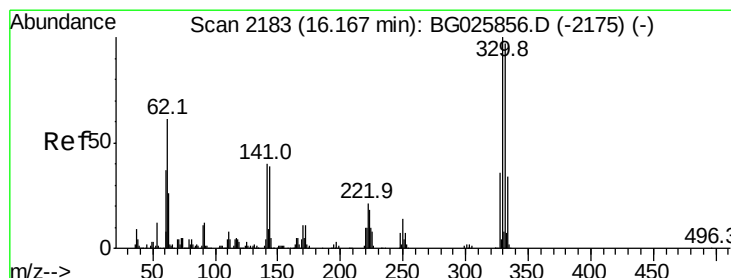
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 175.61 ng

RT: 16.15 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

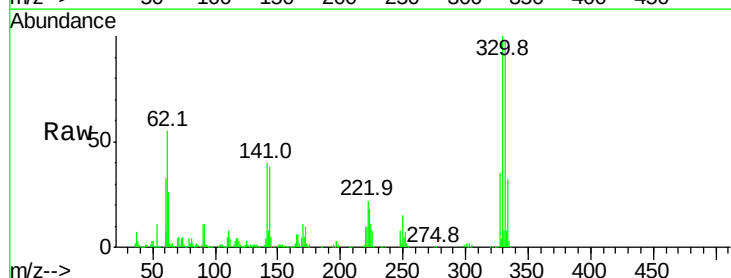
Tgt Ion:330 Resp: 479812

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

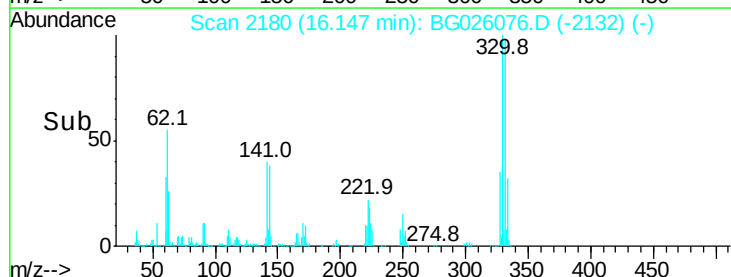
141 37.5 32.1 48.1



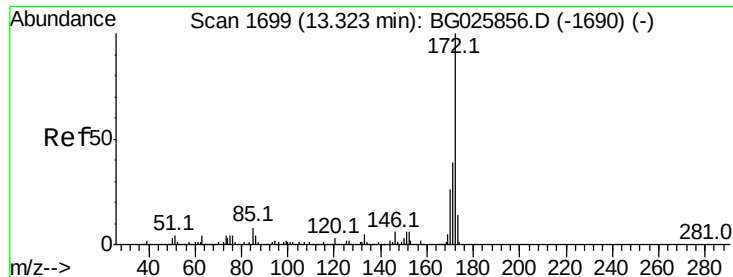
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



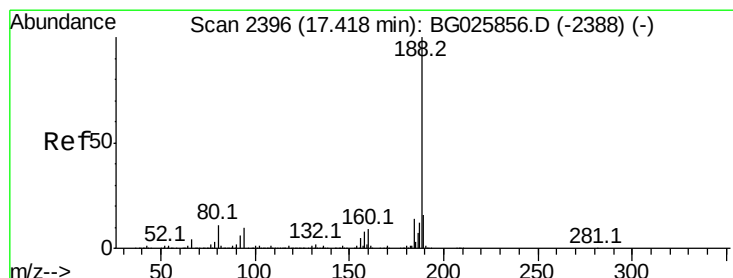
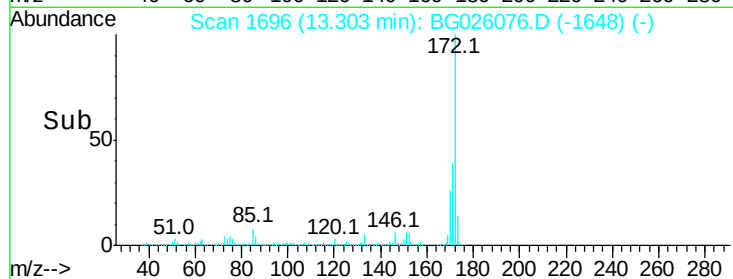
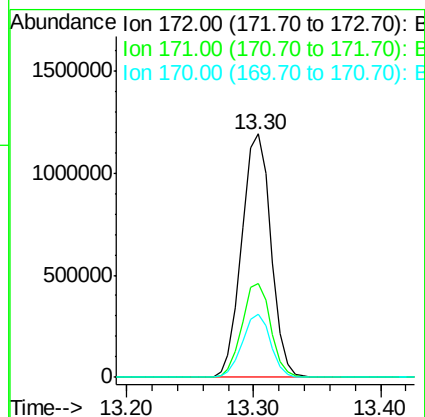
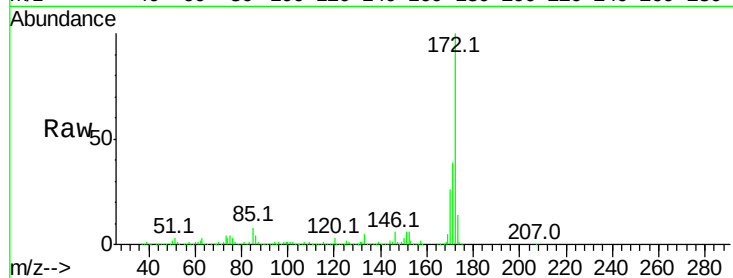
Time-->



#44
2-Fluorobiphenyl
Concen: 112.58 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

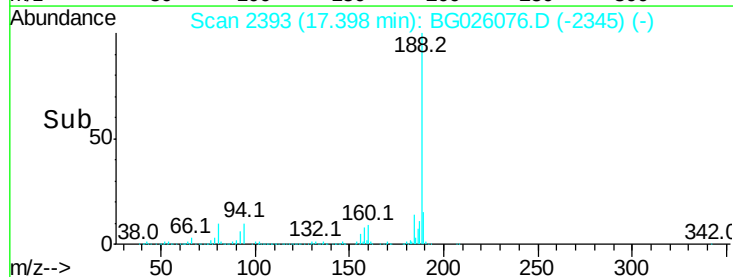
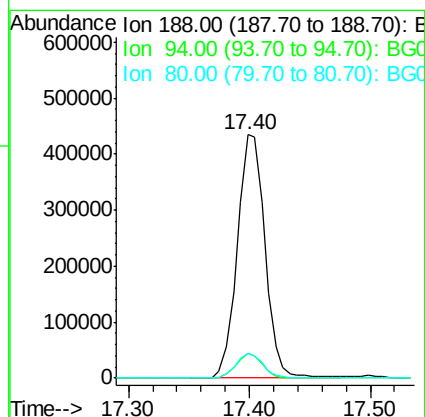
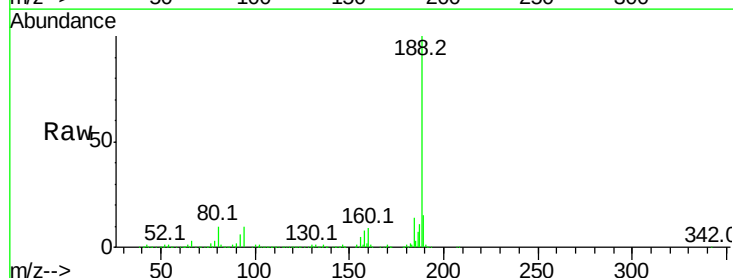
Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

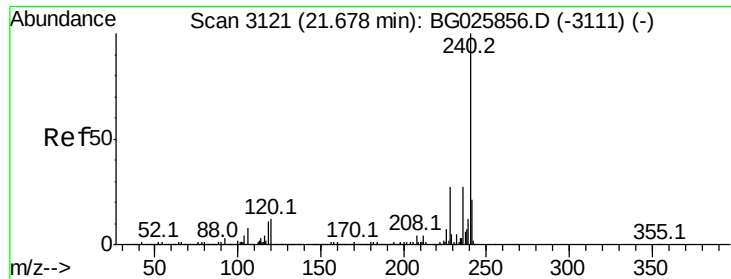
Tot Ion:172 Resp: 1905361
Ion Ratio Lower Upper
172 100
171 38.6 32.2 48.2
170 25.8 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Tgt Ion:188 Resp: 697061
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 10.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3116

Delta R.T. -0.03 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

Instrument :

BNA_G

ClientSampleId :

WC-B65-B66-001

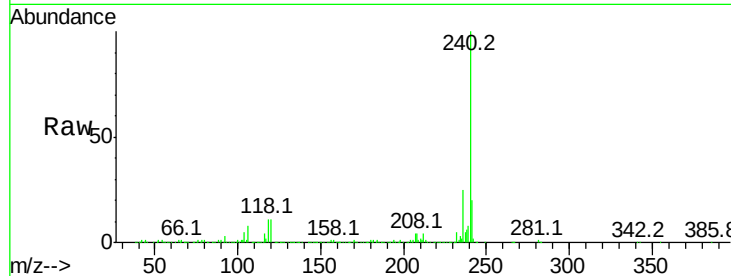
Tot Ion:240 Resp: 682108

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

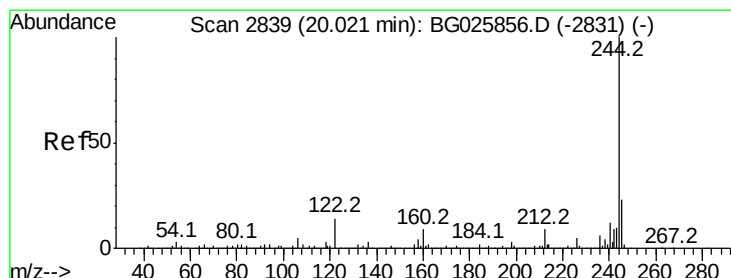
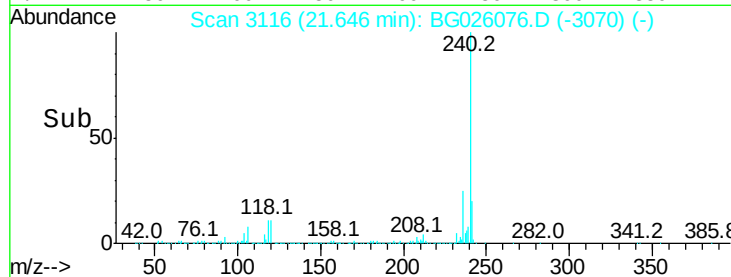
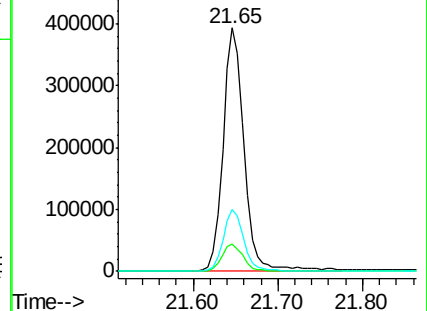
236 25.2 22.2 33.4



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: 92.41 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026076.D

Acq: 3 Mar 2017 23:05

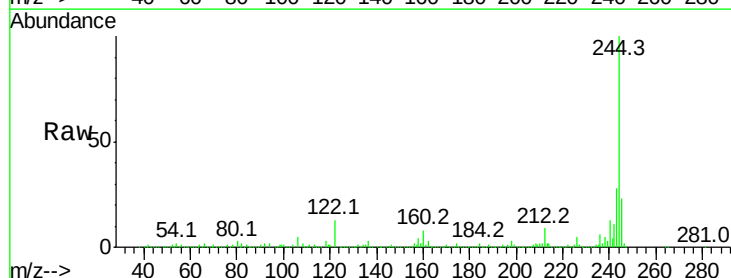
Tgt Ion:244 Resp: 2591773

Ion Ratio Lower Upper

244 100

212 8.6 10.0 15.0#

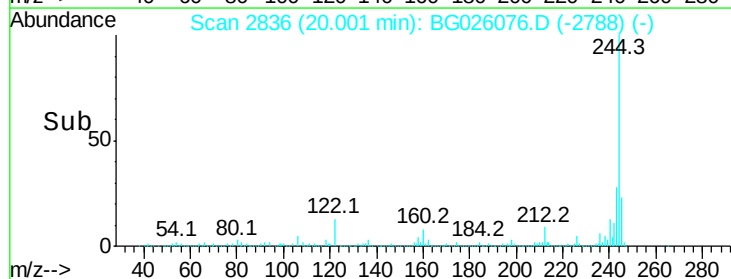
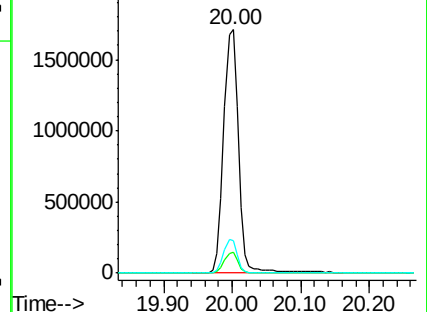
122 13.4 8.6 12.8#

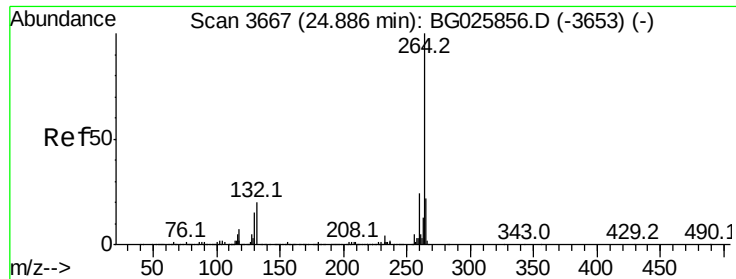


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3660
Delta R.T. -0.04 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.7	18.2	27.4

