

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024026.D
 Acq On : 19 Sep 2016 20:10
 Operator : UM/SJ
 Sample : H4819-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MW11-05

Quant Time: Sep 20 00:55:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

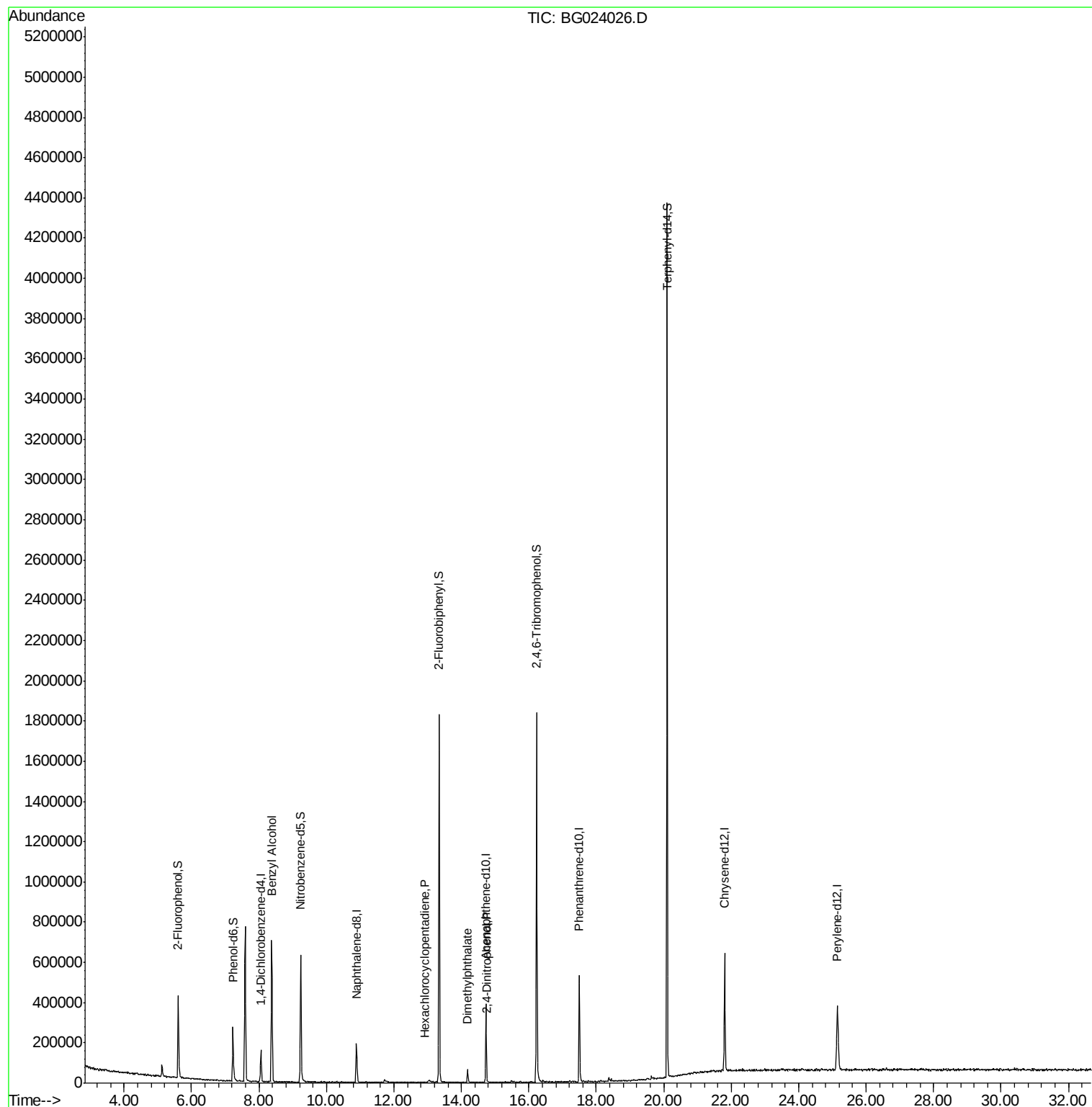
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39349	20.00	ng	-0.04
21) Naphthalene-d8	10.89	136	165455	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	136595	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	332647	20.00	ng	-0.03
75) Chrysene-d12	21.81	240	399434	20.00	ng	-0.04
86) Perylene-d12	25.15	264	390605	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	167367	74.68	ng	-0.04
7) Phenol-d6	7.23	99	156444	45.35	ng	-0.05
23) Nitrobenzene-d5	9.23	82	420439	113.44	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	338025	137.35	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	881194	92.49	ng	-0.04
78) Terphenyl-d14	20.10	244	1702371	97.06	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.38	79	7249	2.38	ng	# 57
40) Hexachlorocyclopentadiene	12.92	237	61	7.10	ng	# 26
49) Dimethylphthalate	14.19	163	46638	3.98	ng	# 95
53) 2,4-Dinitrophenol	14.75	184	61	6.54	ng	# 10

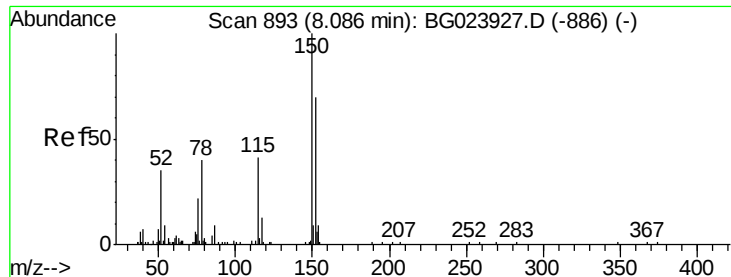
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.04 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

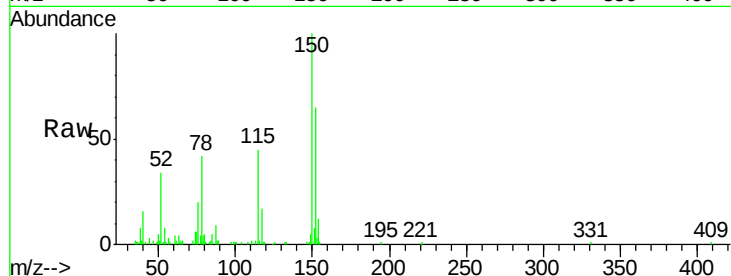
Tgt Ion:152 Resp: 39349

Ion Ratio Lower Upper

152 100

150 153.3 144.7 217.1

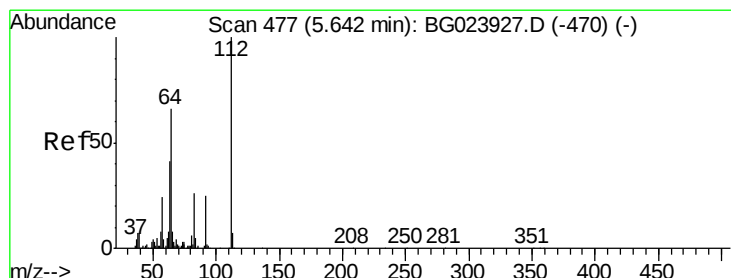
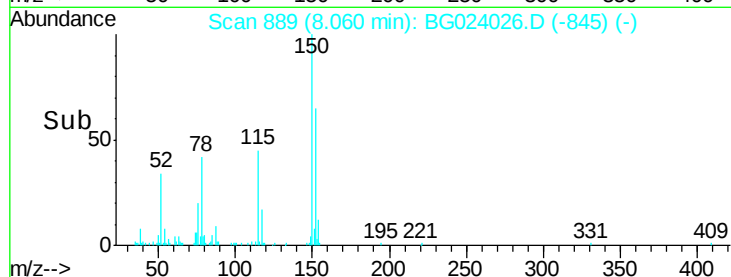
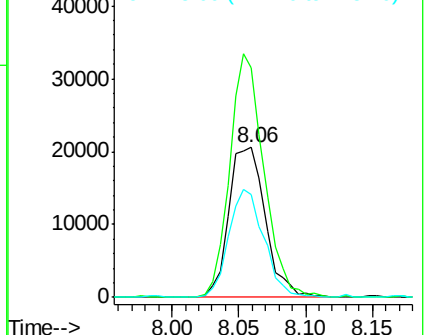
115 68.9 64.0 96.0



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: 74.68 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

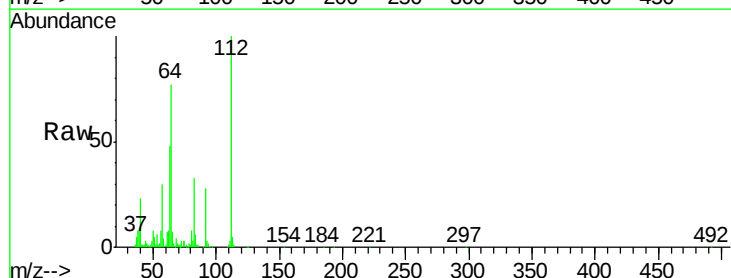
Tgt Ion:112 Resp: 167367

Ion Ratio Lower Upper

112 100

64 76.8 59.0 88.4

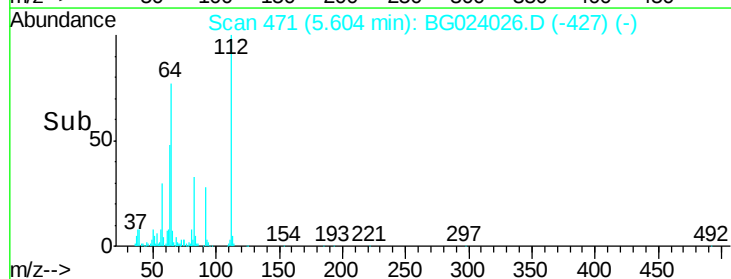
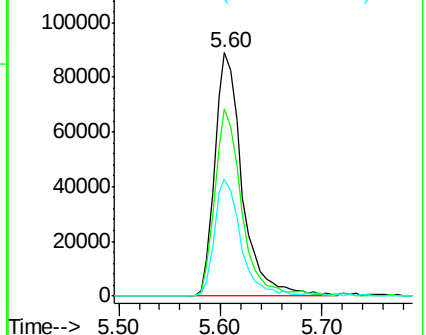
63 48.3 37.8 56.8

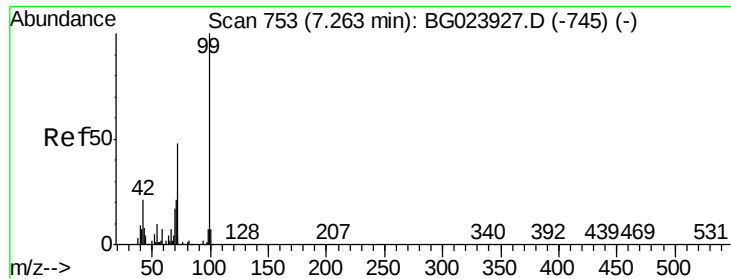


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 45.35 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

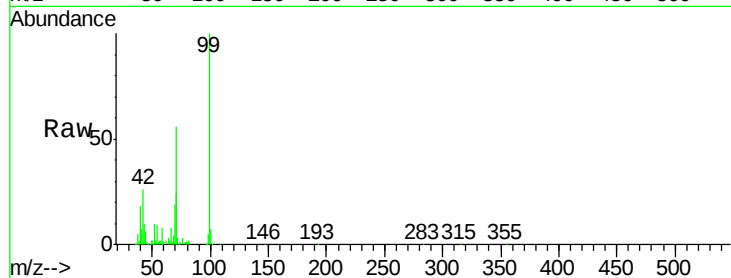
Tgt Ion: 99 Resp: 156444

Ion Ratio Lower Upper

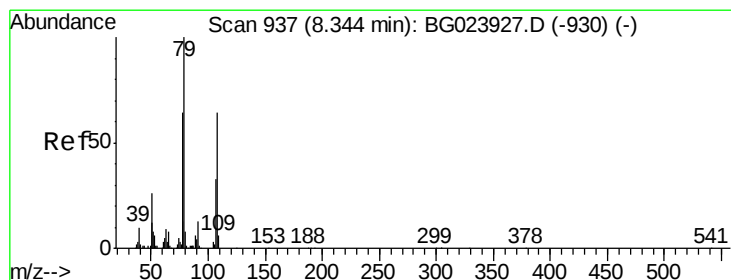
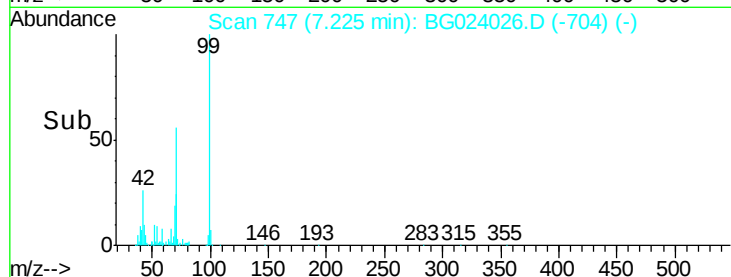
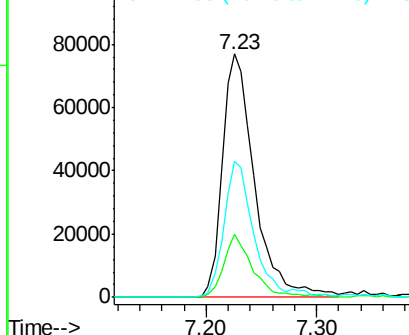
99 100

42 26.1 17.8 26.6

71 56.1 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.02 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

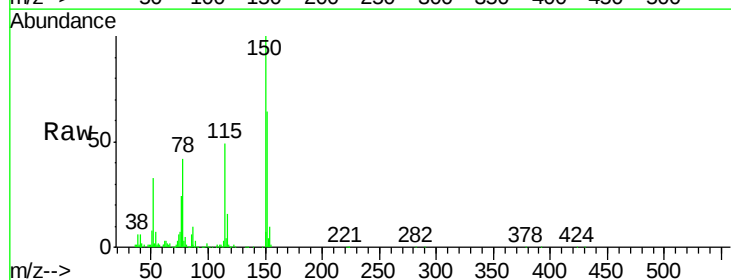
Tgt Ion: 79 Resp: 7249

Ion Ratio Lower Upper

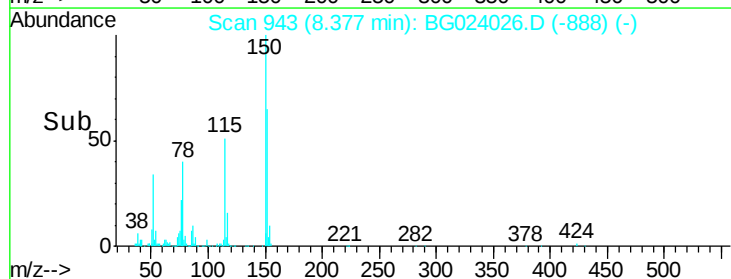
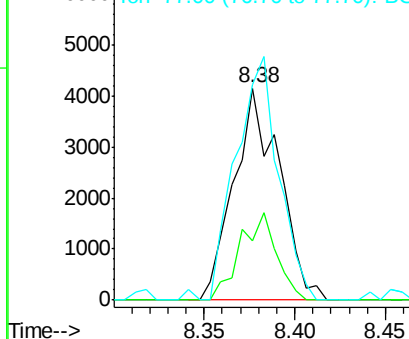
79 100

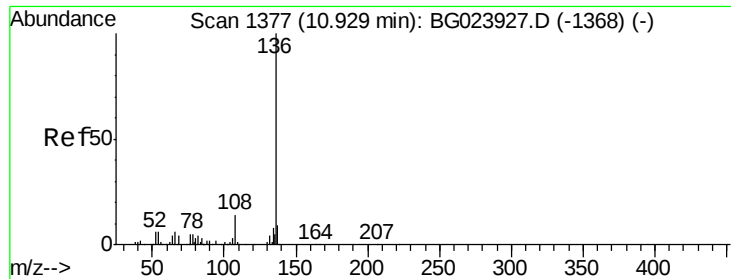
108 28.2 46.5 69.7#

77 101.3 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1371

Delta R.T. -0.04 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

Tgt Ion:136 Resp: 165455

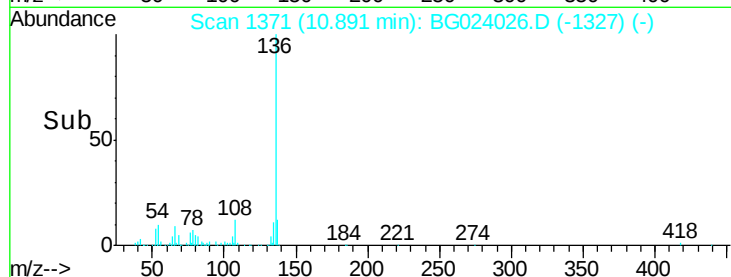
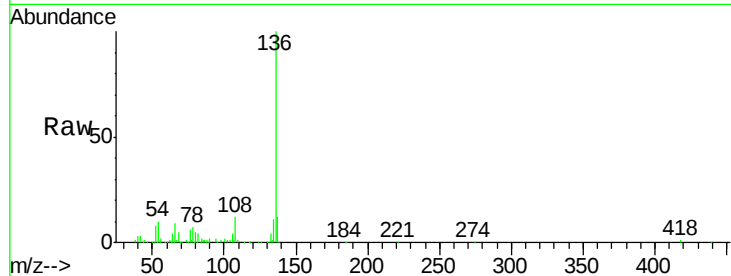
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 10.4 7.3 10.9

68 5.2 5.3 7.9#



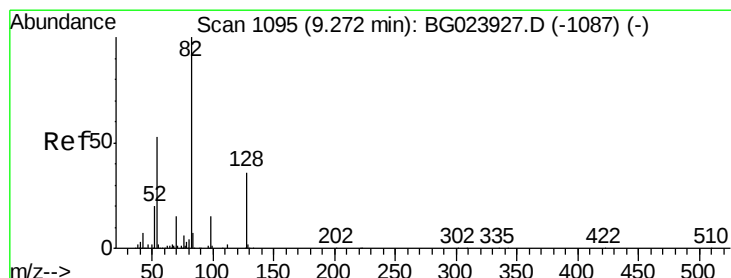
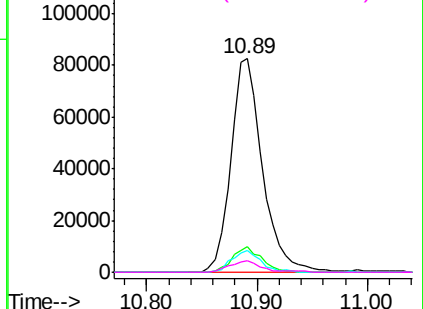
Abundance

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: 113.44 ng

RT: 9.23 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

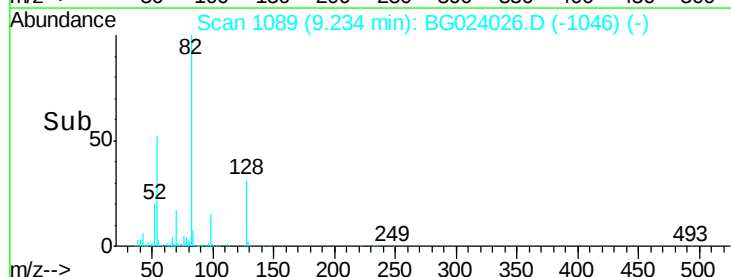
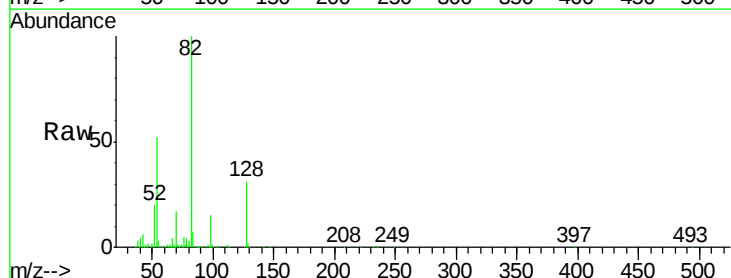
Tgt Ion: 82 Resp: 420439

Ion Ratio Lower Upper

82 100

128 31.5 24.4 36.6

54 52.0 41.4 62.0

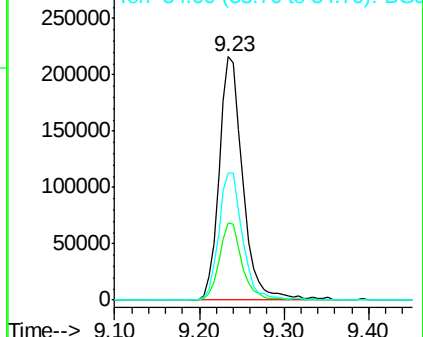


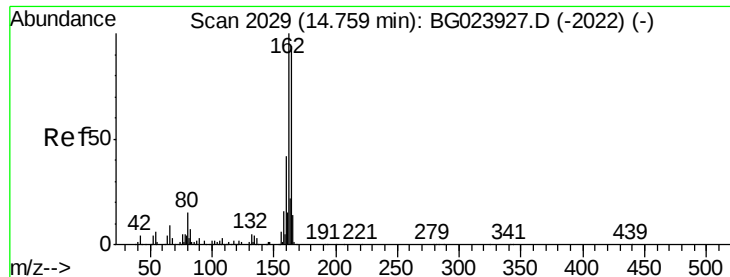
Abundance

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

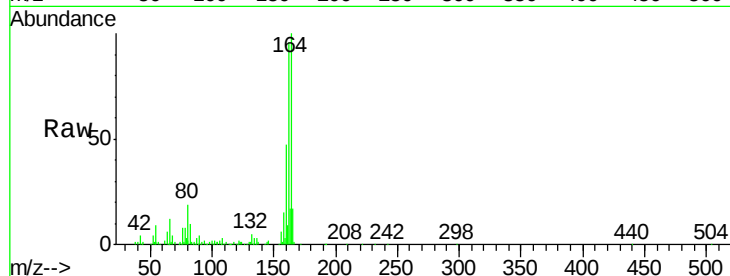
Tgt Ion:164 Resp: 136595

Ion Ratio Lower Upper

164 100

162 96.5 87.7 131.5

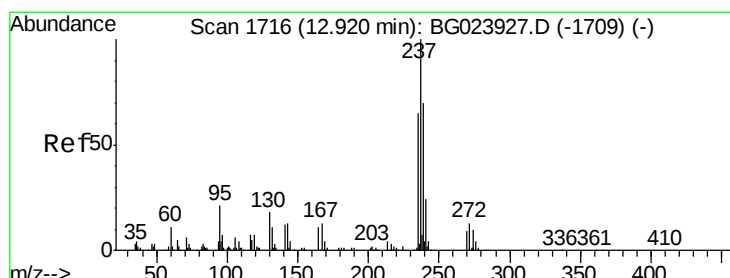
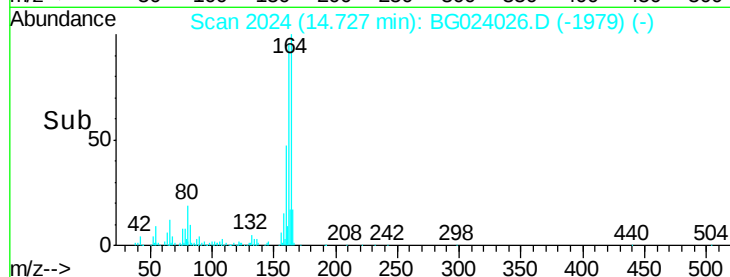
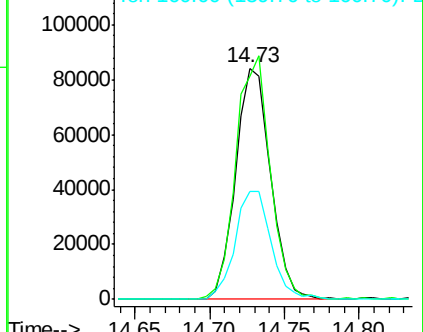
160 46.8 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

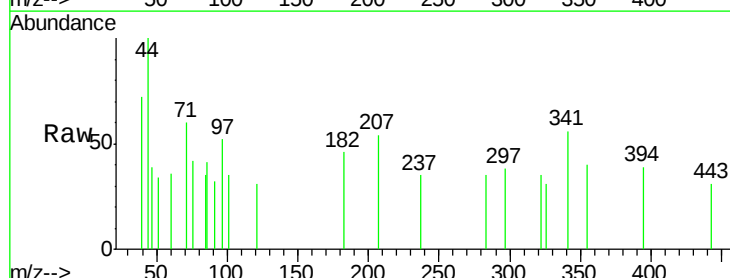
Tgt Ion:237 Resp: 61

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

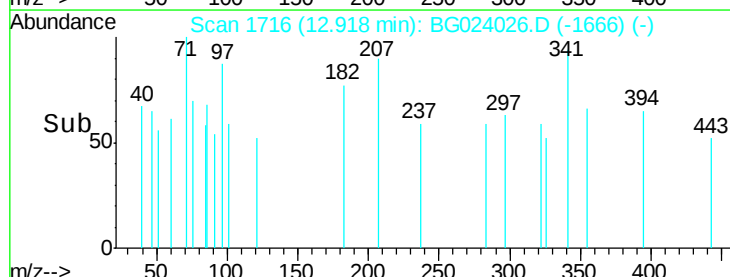
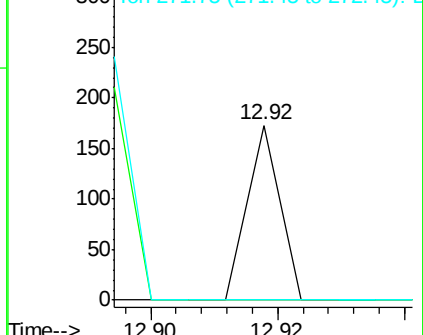
272 0.0 0.0 30.9

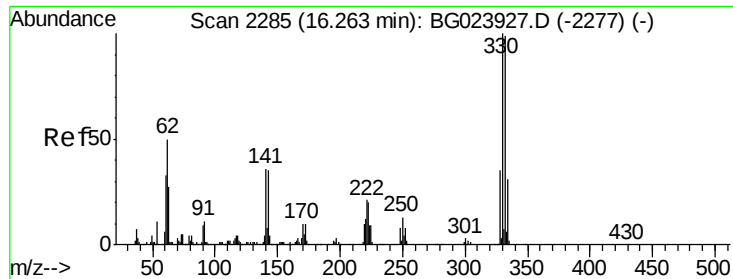


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

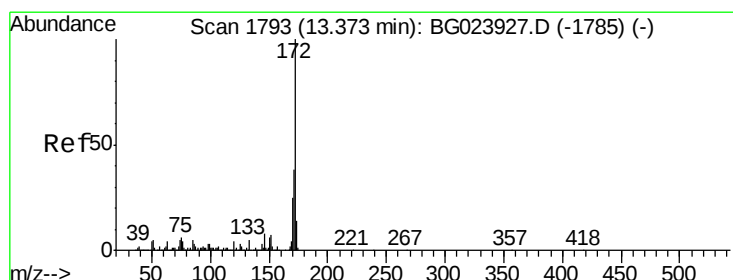
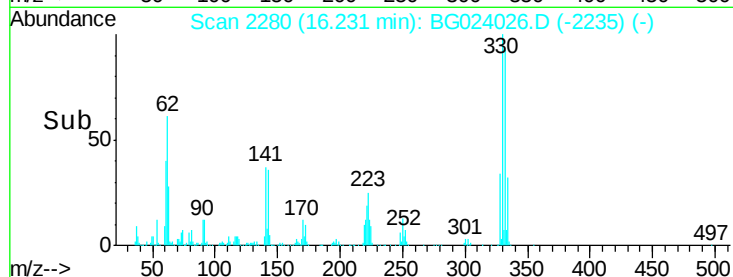
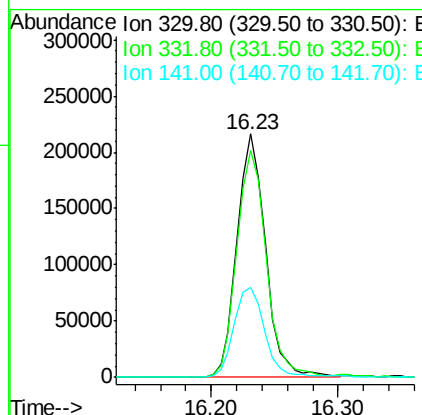
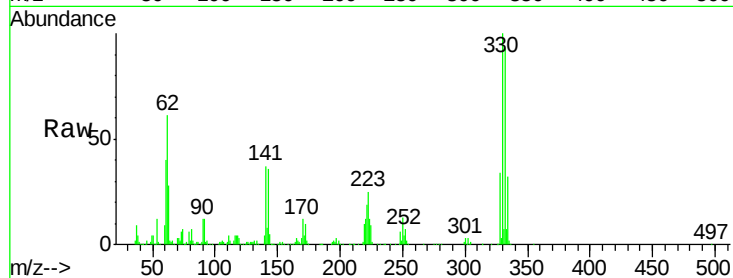




#41
2,4,6-Tribromophenol
Concen: 137.35 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.04 min
Lab File: BG024026.D
Acq: 19 Sep 2016 20:10

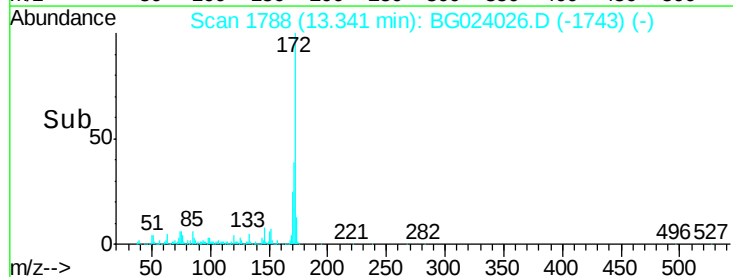
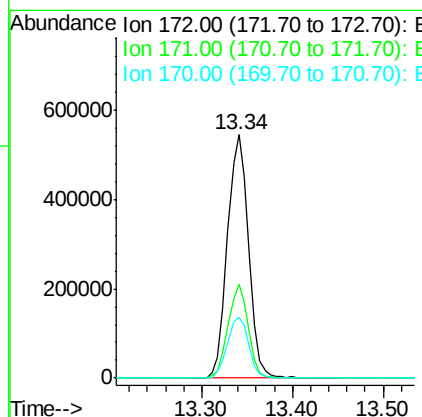
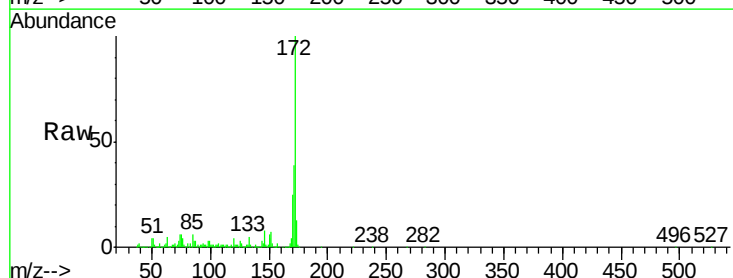
Instrument :
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YORK-MW11-05

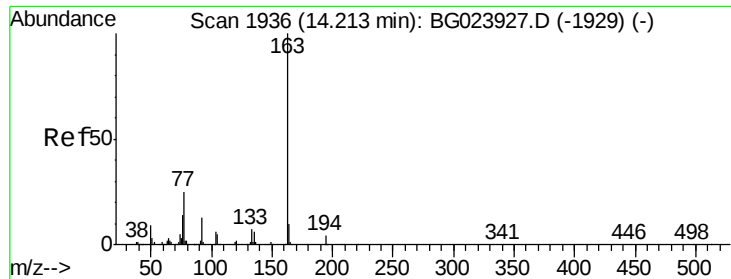
Tgt Ion:330 Resp: 338025
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 39.4 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 92.49 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BG024026.D
Acq: 19 Sep 2016 20:10

Tgt Ion:172 Resp: 881194
Ion Ratio Lower Upper
172 100
171 38.8 31.6 47.4
170 25.1 21.3 31.9





#49

Dimethylphthalate

Concen: 3.98 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

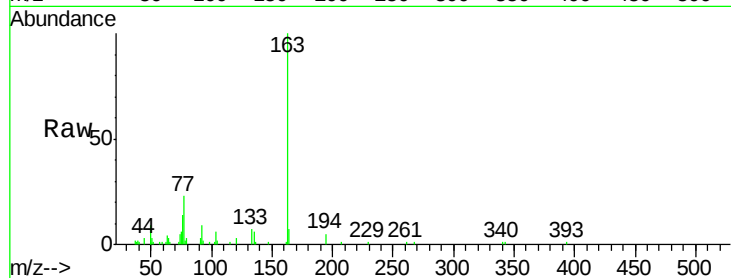
Tgt Ion:163 Resp: 46638

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

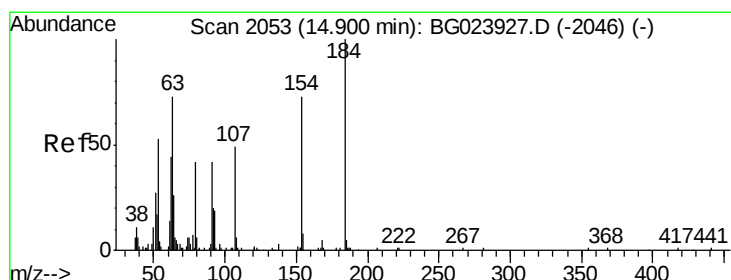
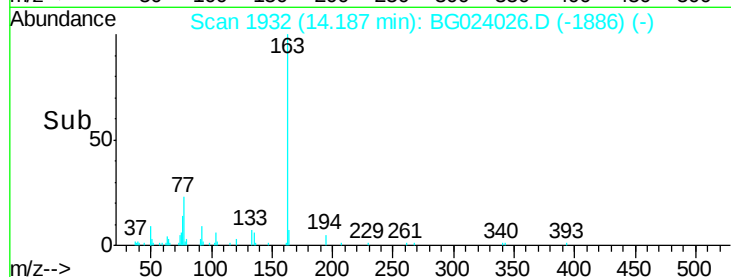
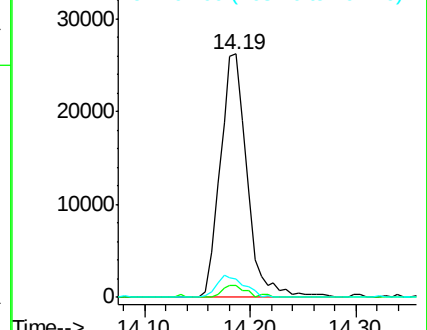
164 7.4 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 6.54 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.16 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

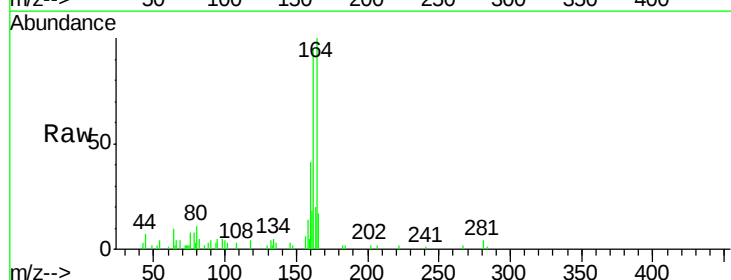
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

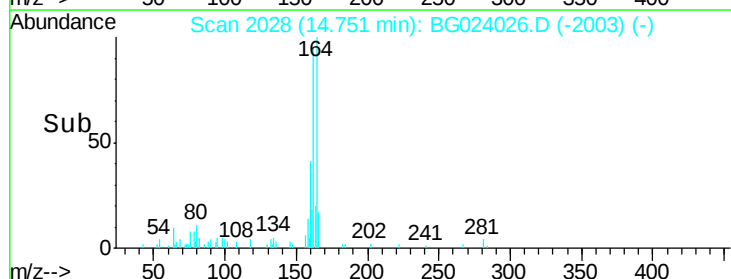
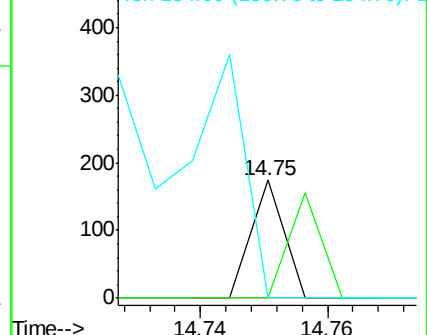
154 0.0 67.4 101.0#

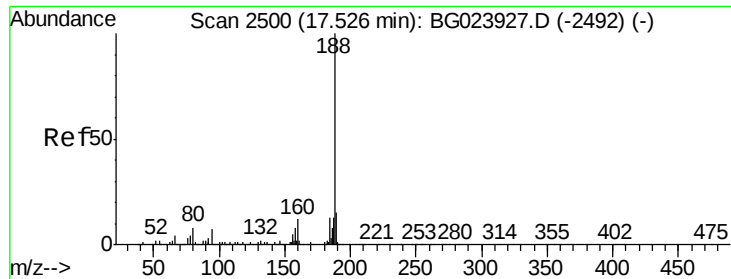


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

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YORK-MW11-05

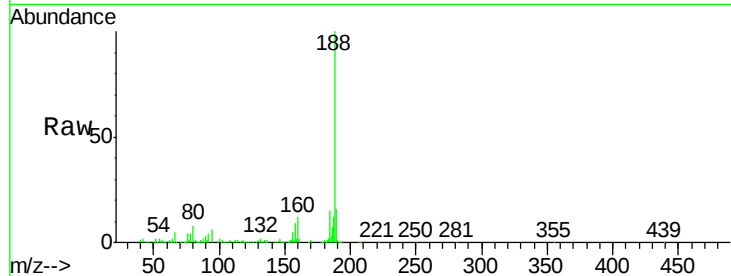
Tgt Ion:188 Resp: 332647

Ion Ratio Lower Upper

188 100

94 5.9 5.2 7.8

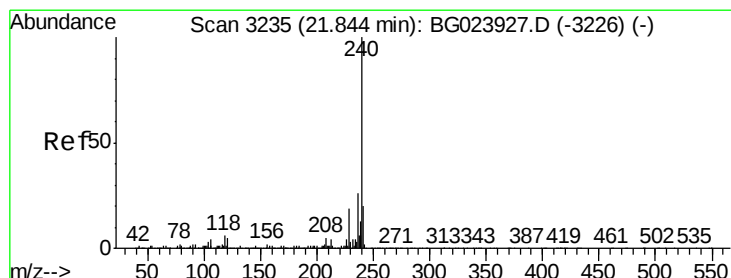
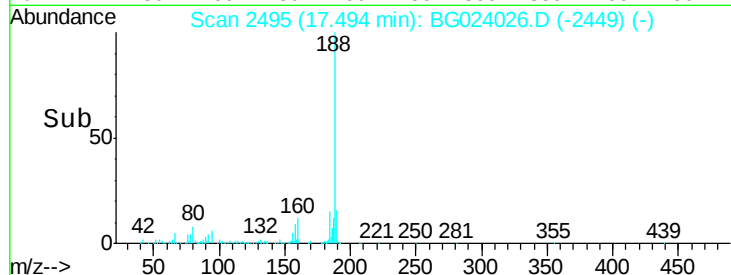
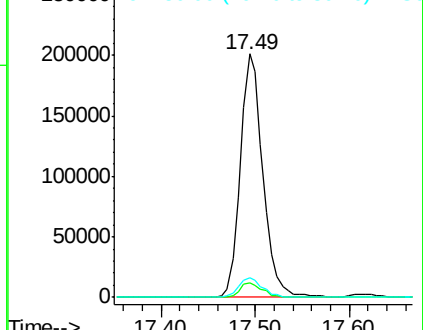
80 8.1 7.2 10.8



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: 21.81 min Scan# 3229

Delta R.T. -0.04 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

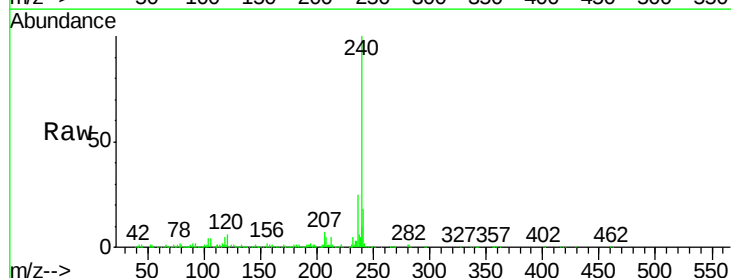
Tgt Ion:240 Resp: 399434

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

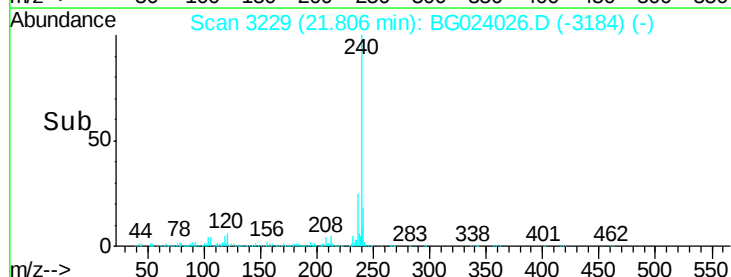
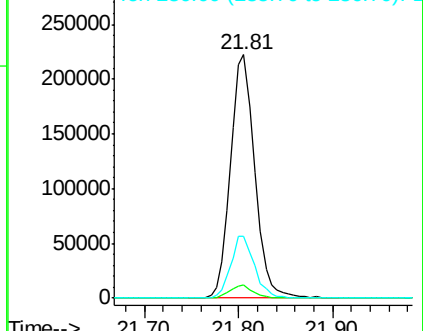
236 25.4 21.1 31.7

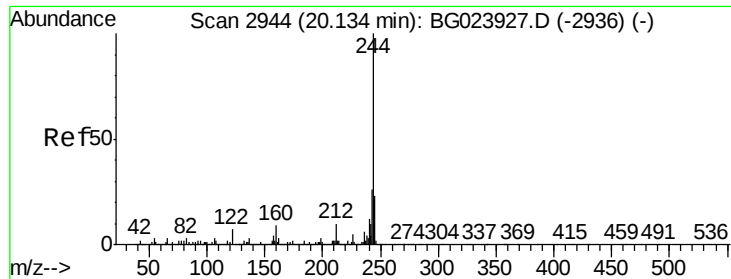


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.06 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

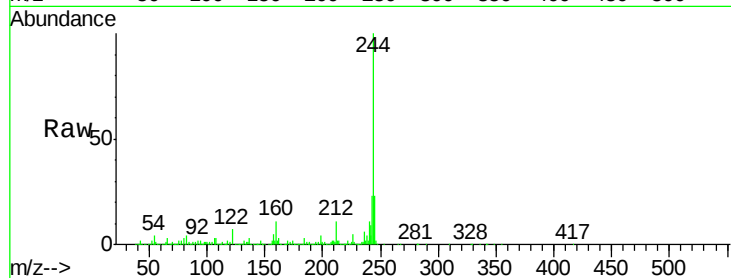
Tgt Ion:244 Resp: 1702371

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

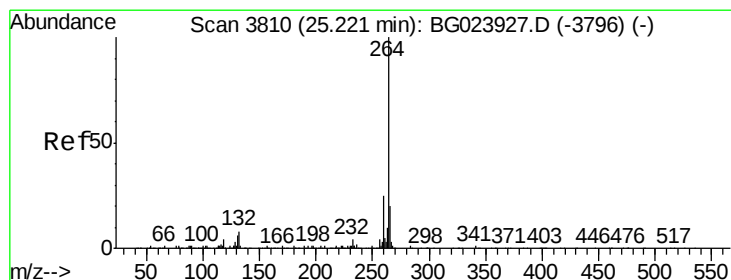
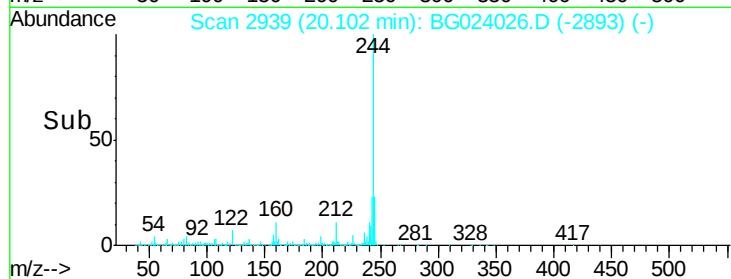
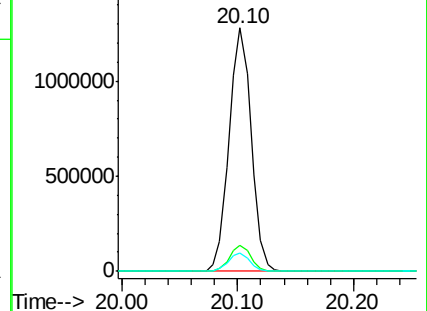
122 7.5 8.0 12.0#



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: 25.15 min Scan# 3798

Delta R.T. -0.06 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

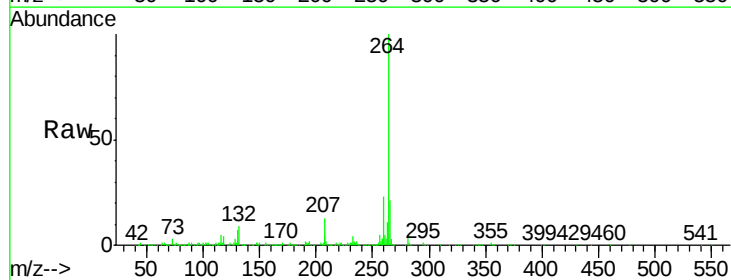
Tgt Ion:264 Resp: 390605

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.0 18.9 28.3



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

