

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 01:11:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 01:00:00 2016
 Response via : Initial Calibration

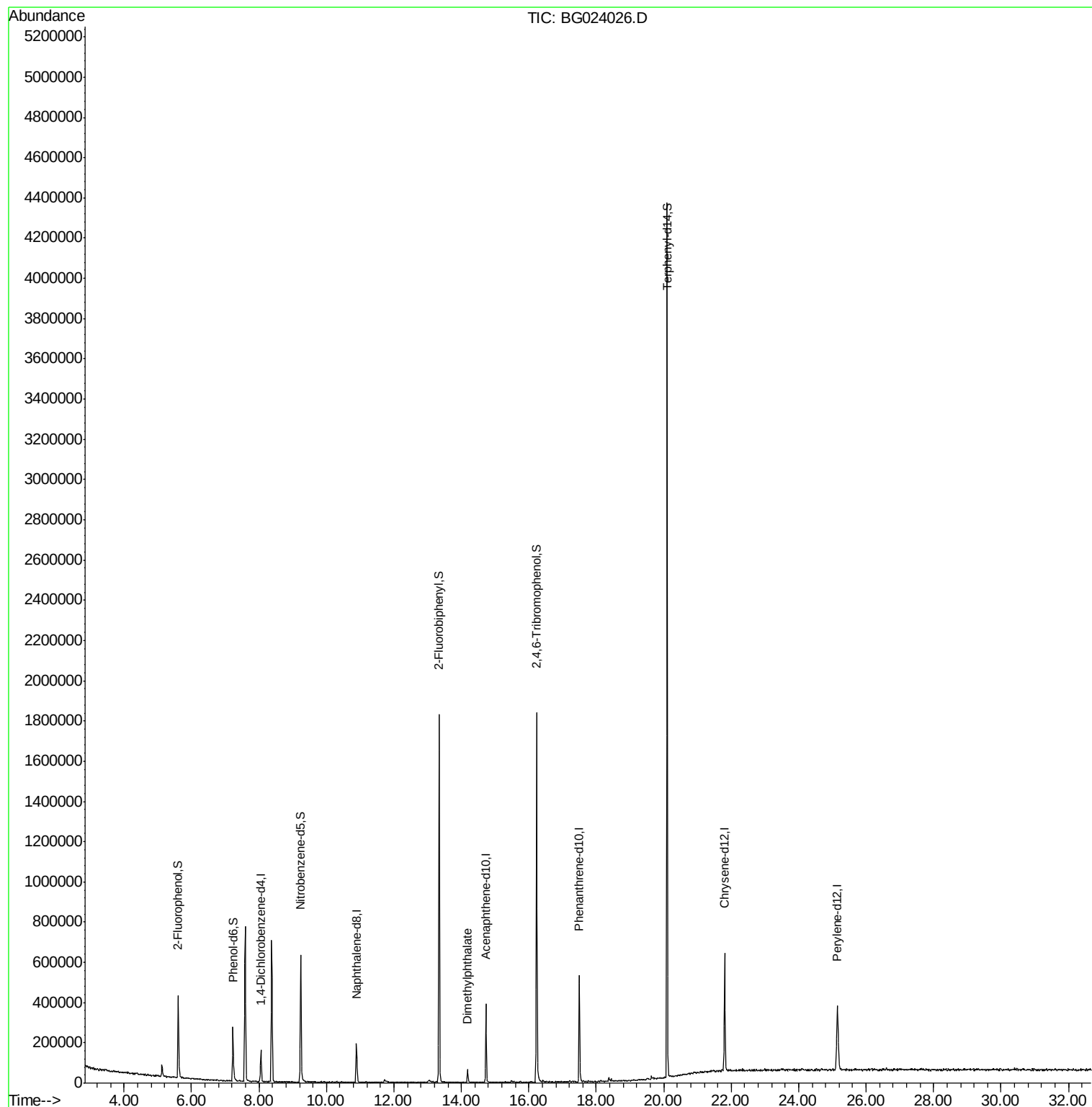
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39349	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	165455	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	136595	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	332647	20.00	ng	0.00
75) Chrysene-d12	21.81	240	399434	20.00	ng	0.00
86) Perylene-d12	25.15	264	390605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	167367	74.68	ng	0.00
7) Phenol-d6	7.23	99	156444	45.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	420439	113.44	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	338025	137.35	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	881194	92.49	ng	0.00
78) Terphenyl-d14	20.10	244	1702371	97.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	46638	3.98	ng	Qvalue # 95

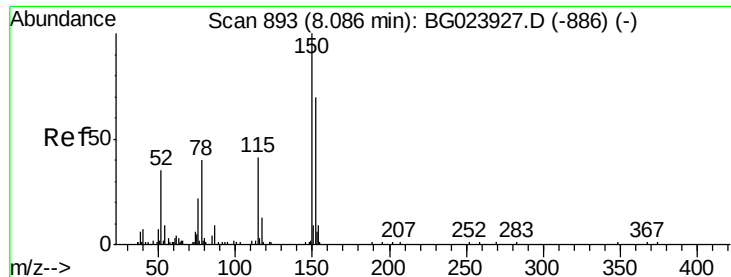
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

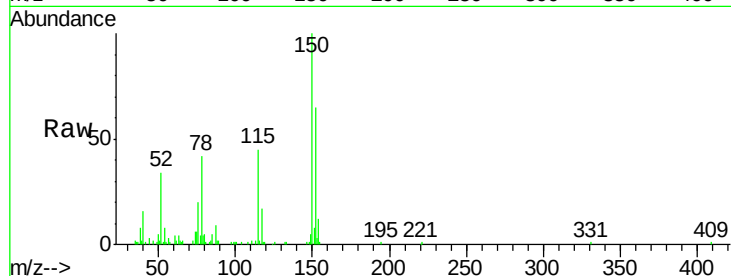
Tot Ion:152 Resp: 39349

Ion Ratio Lower Upper

152 100

150 153.3 144.7 217.1

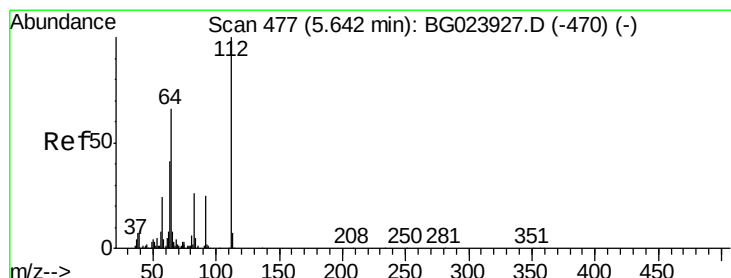
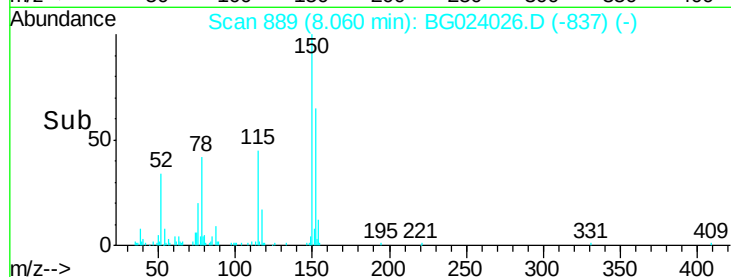
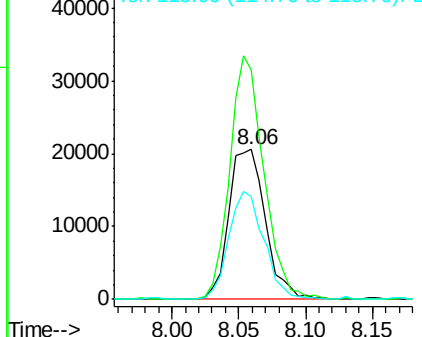
115 68.9 64.0 96.0



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. 0.00 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

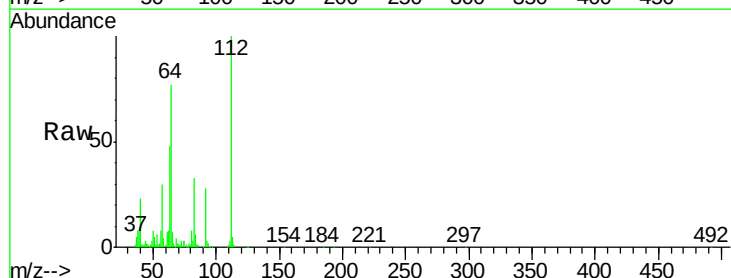
Tgt Ion:112 Resp: 167367

Ion Ratio Lower Upper

112 100

64 76.8 59.0 88.4

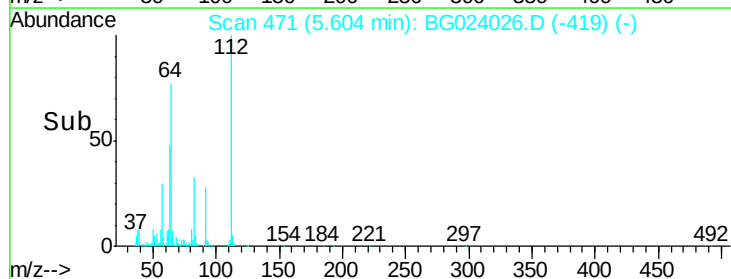
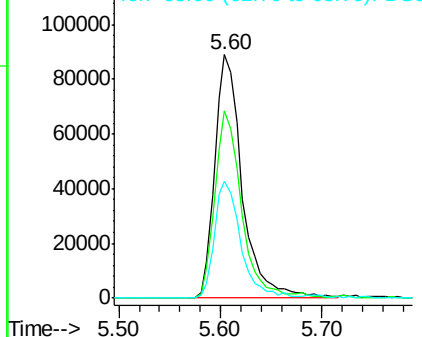
63 48.3 37.8 56.8

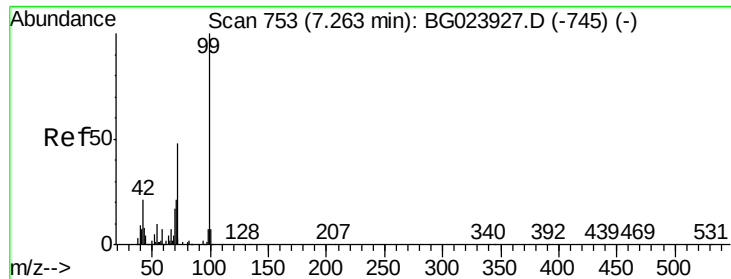


Abundance Ion 112.00 (111.70 to 112.70): E

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. -0.00 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

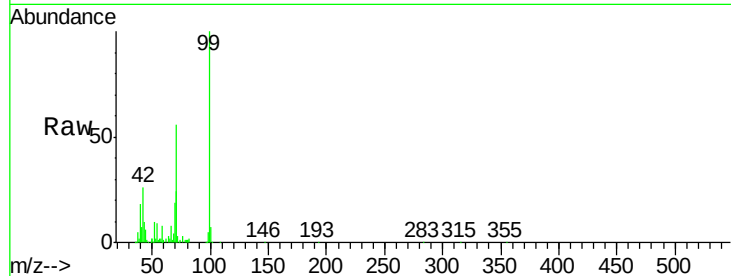
Tot Ion: 99 Resp: 156444

Ion Ratio Lower Upper

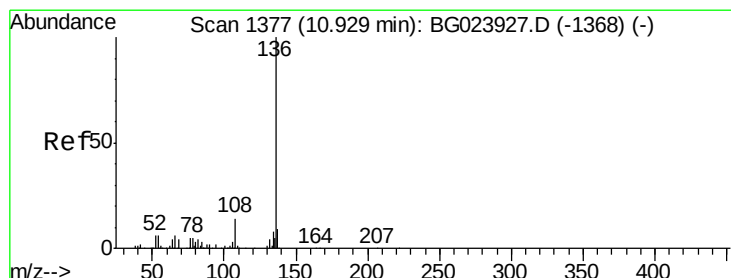
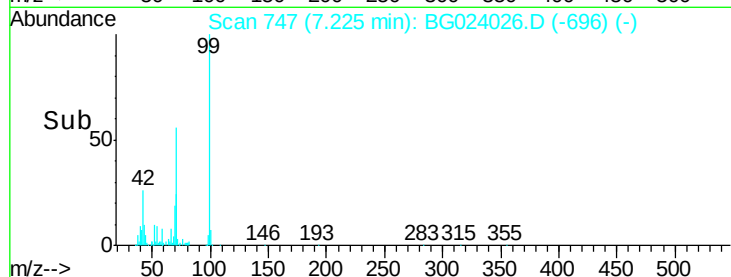
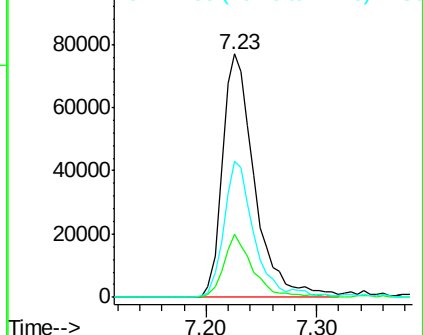
99 100

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Tgt Ion: 136 Resp: 165455

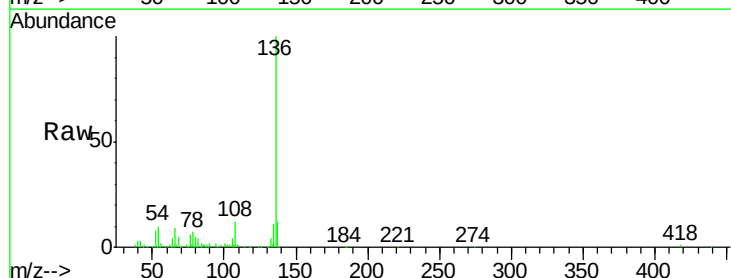
Ion Ratio Lower Upper

136 100

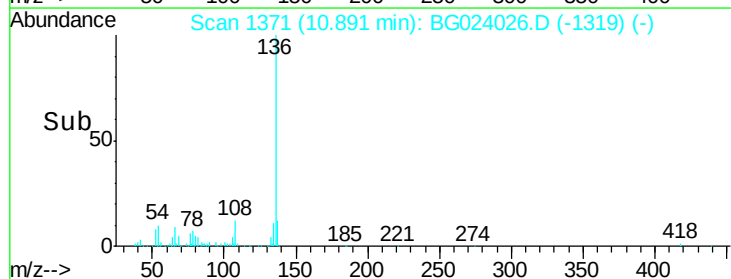
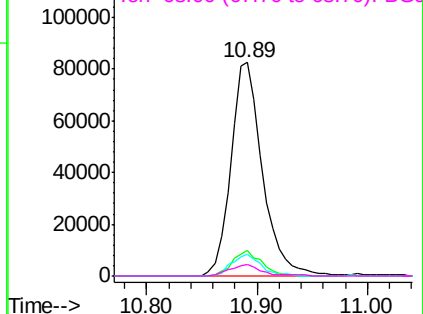
137 12.0 9.6 14.4

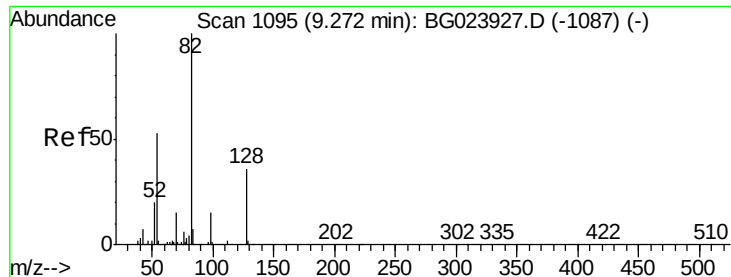
54 10.4 7.3 10.9

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

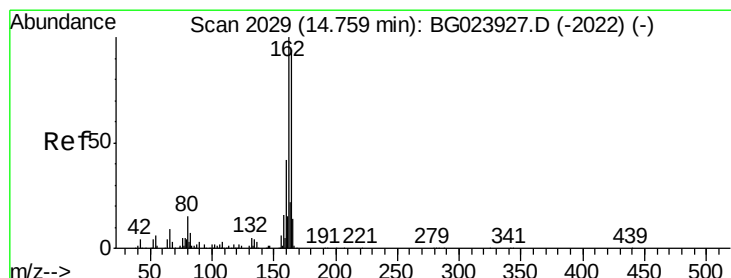
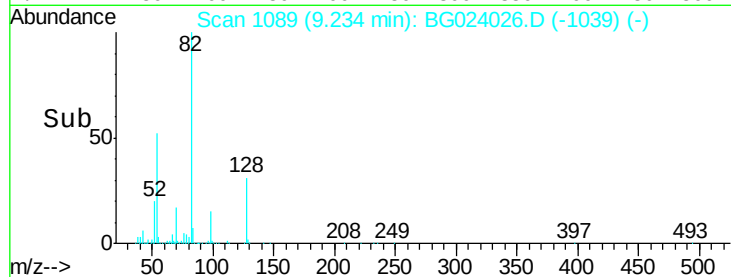
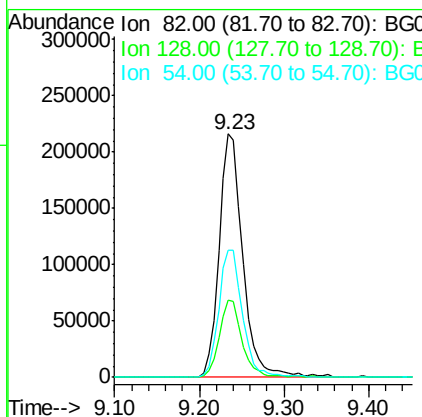
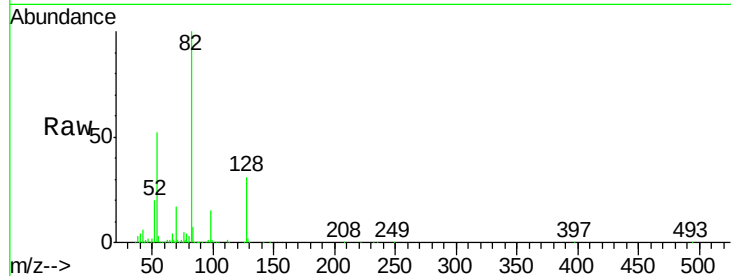




#23
 Nitrobenzene-d5
 Concen: 113.44 ng
 RT: 9.23 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024026.D
 Acq: 19 Sep 2016 20:10

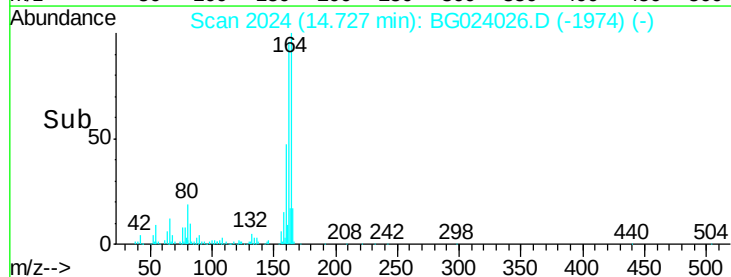
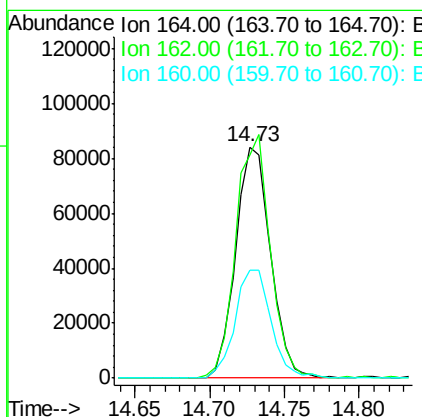
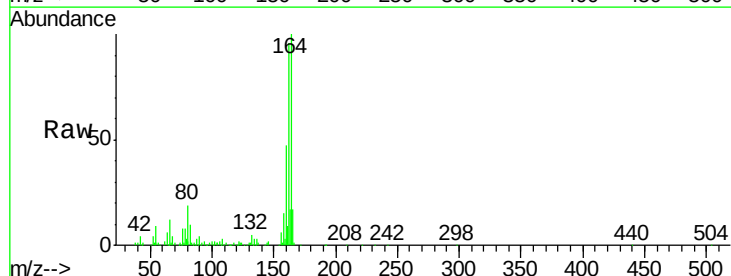
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MW11-05

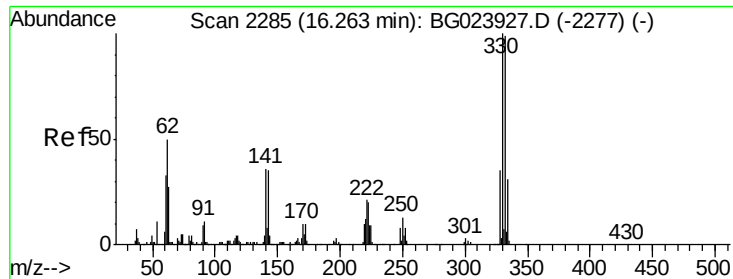
Tot Ion	82	Resp	420439
Ion Ratio	Lower	Upper	
82	100		
128	31.5	24.4	36.6
54	52.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG024026.D
 Acq: 19 Sep 2016 20:10

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

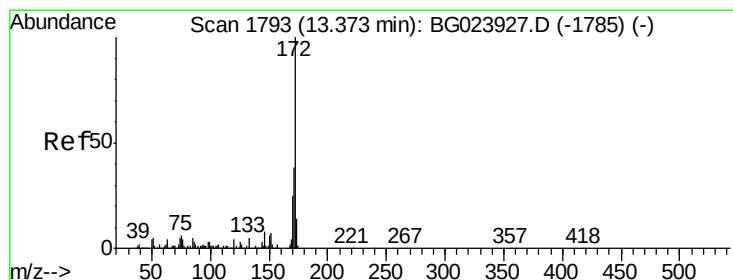
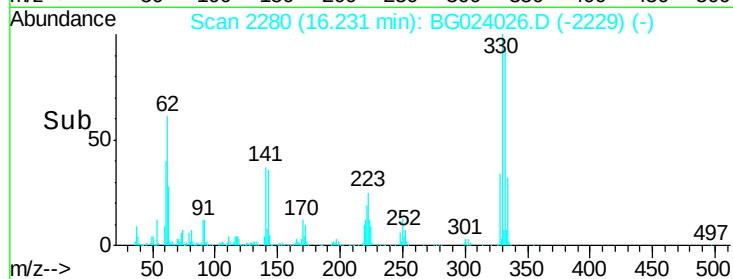
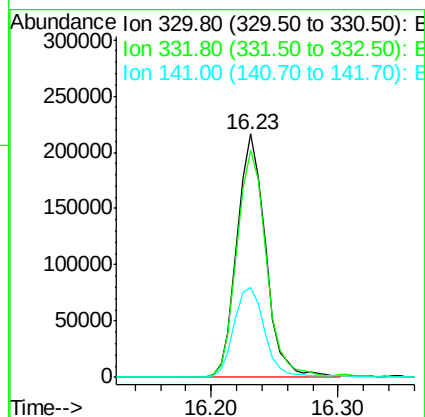
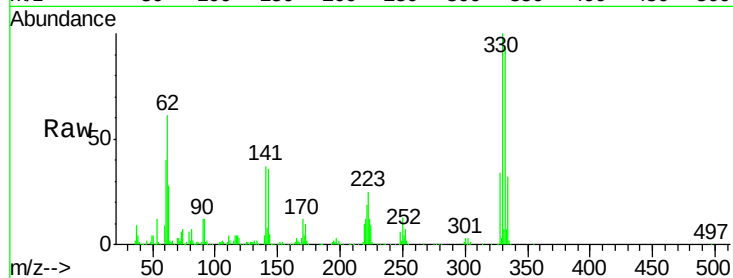




#41
 2,4,6-Tribromophenol
 Concen: 137.35 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024026.D
 Acq: 19 Sep 2016 20:10

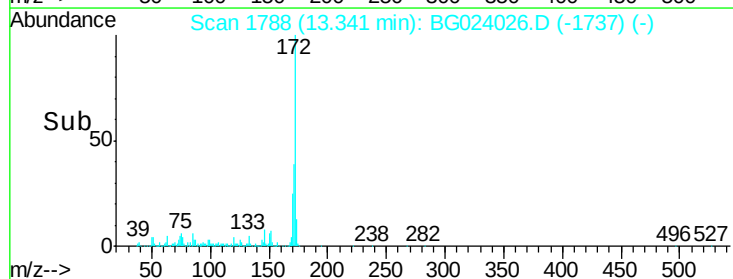
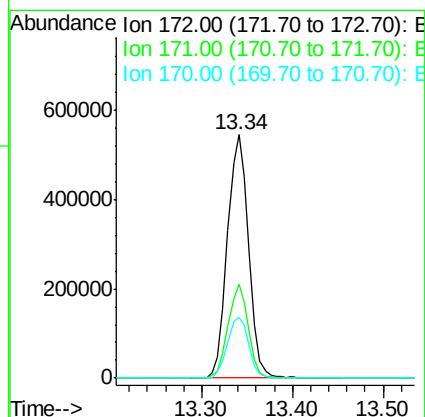
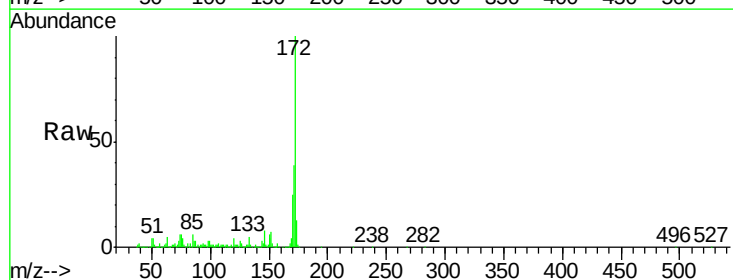
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MW11-05

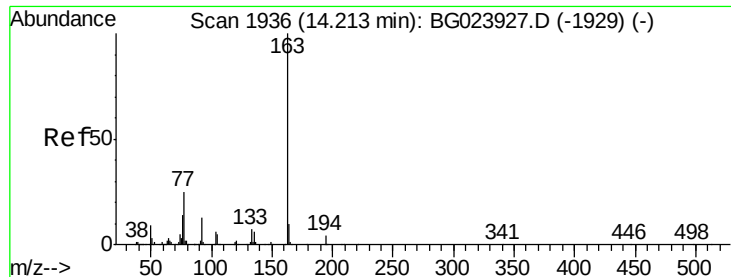
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	39.4	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 92.49 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG024026.D
 Acq: 19 Sep 2016 20:10

Tgt 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. 0.00 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

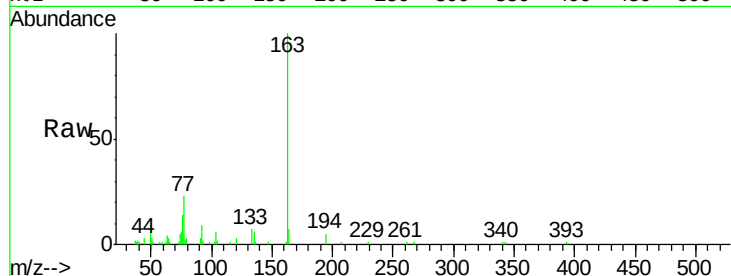
Tot Ion:163 Resp: 46638

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

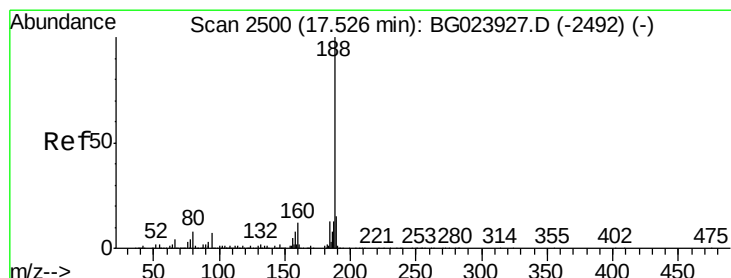
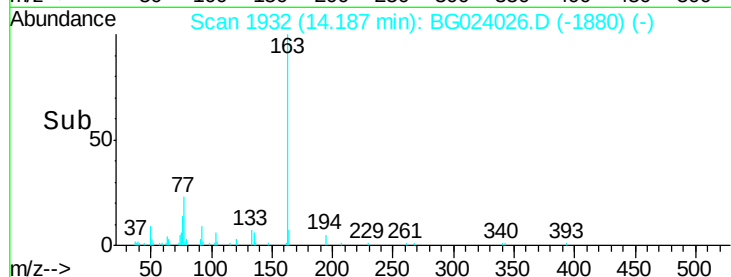
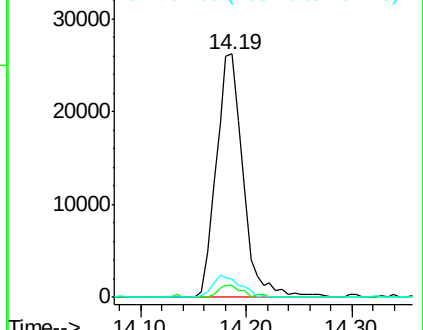
164 7.4 8.1 12.1#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

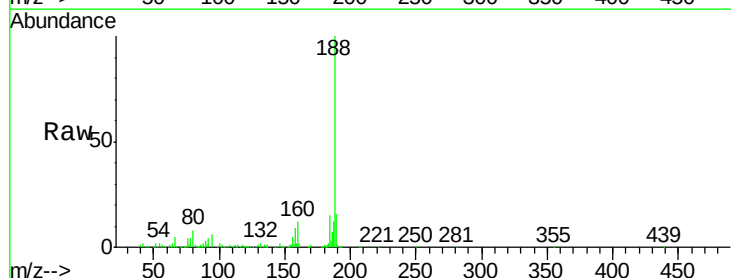
Tgt Ion:188 Resp: 332647

Ion Ratio Lower Upper

188 100

94 5.9 5.2 7.8

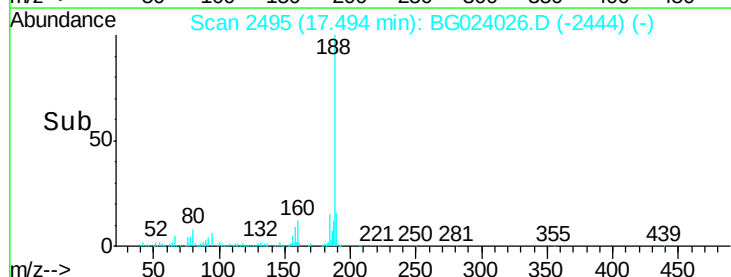
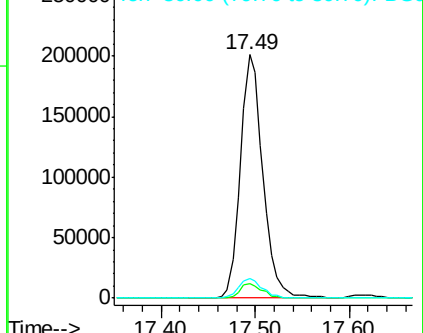
80 8.1 7.2 10.8

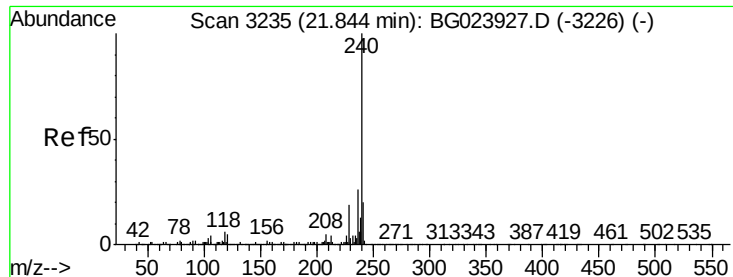


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.00 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

Instrument :

BNA_G

ClientSampleId :

YORK-MW11-05

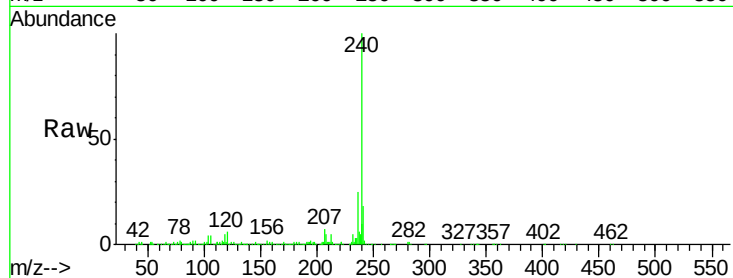
Tot Ion:240 Resp: 399434

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.1	6.1
236	25.4	21.1	31.7

240 100

120 5.7 4.1 6.1

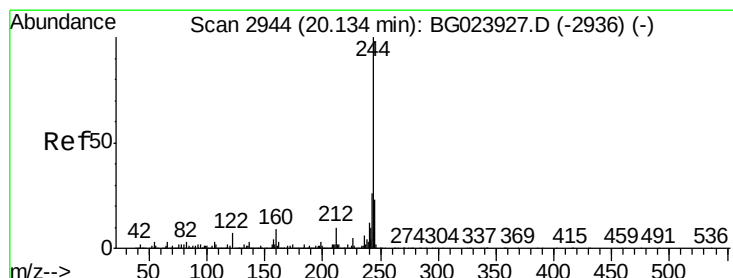
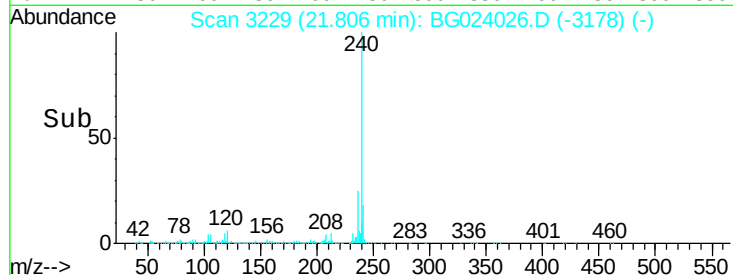
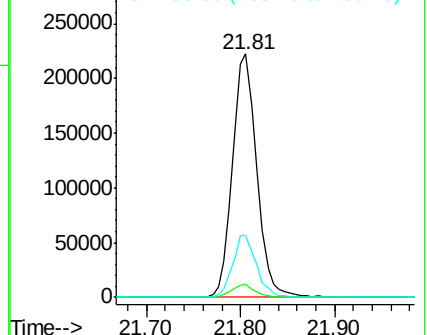
236 25.4 21.1 31.7



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. -0.00 min

Lab File: BG024026.D

Acq: 19 Sep 2016 20:10

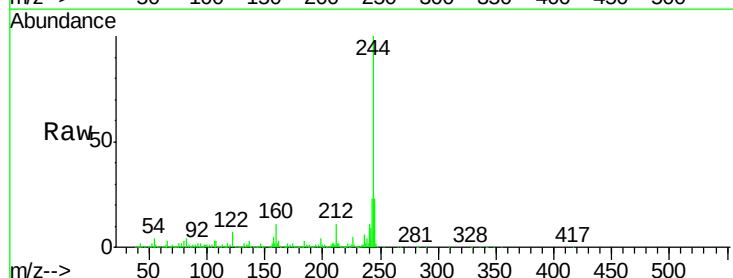
Tgt Ion:244 Resp: 1702371

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.8	16.2
122	7.5	8.0	12.0#

244 100

212 10.9 10.8 16.2

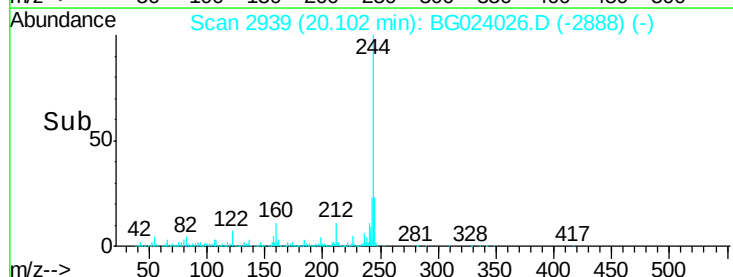
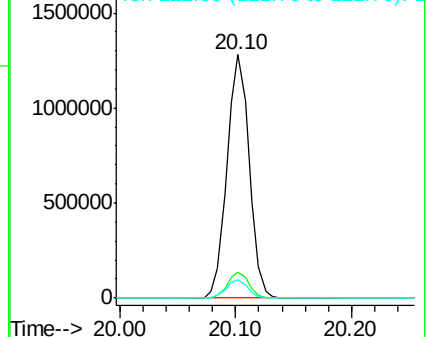
122 7.5 8.0 12.0#

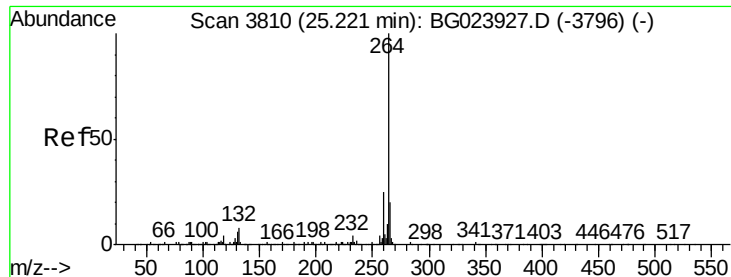


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3798
Delta R.T. -0.00 min
Lab File: BG024026.D
Acq: 19 Sep 2016 20:10

Instrument :
BNA_G
ClientSampleId :
YORK-MW11-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.0	18.9	28.3

