

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
 Data File : BG024033.D
 Acq On : 20 Sep 2016 00:38
 Operator : UM/SJ
 Sample : H4821-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SW1-3

Quant Time: Sep 20 01:26:33 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

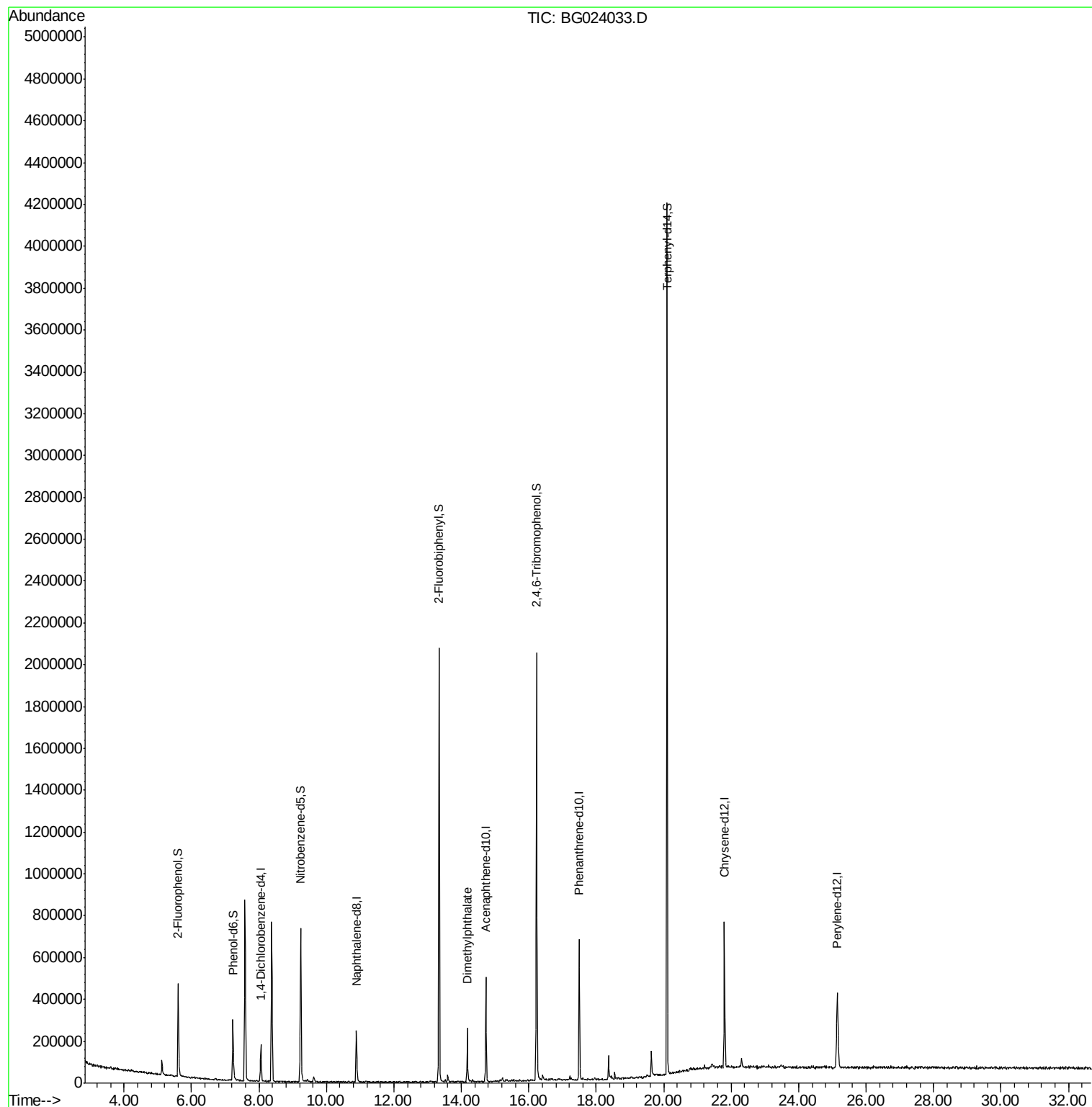
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45970	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	196403	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	170891	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	395545	20.00	ng	0.00
75) Chrysene-d12	21.80	240	436917	20.00	ng	0.00
86) Perylene-d12	25.14	264	425349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177731	67.88	ng	0.00
7) Phenol-d6	7.23	99	177639	44.07	ng	0.00
23) Nitrobenzene-d5	9.24	82	480970	109.33	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	377652	122.66	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1003395	84.18	ng	0.00
78) Terphenyl-d14	20.10	244	1650189	86.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	153423	10.47	ng	Qvalue 99

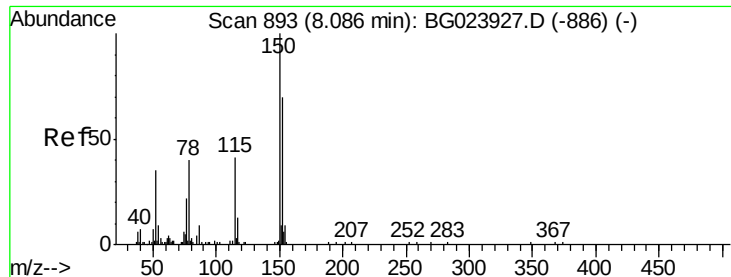
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG024033.D

Acq: 20 Sep 2016 00:38

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-3

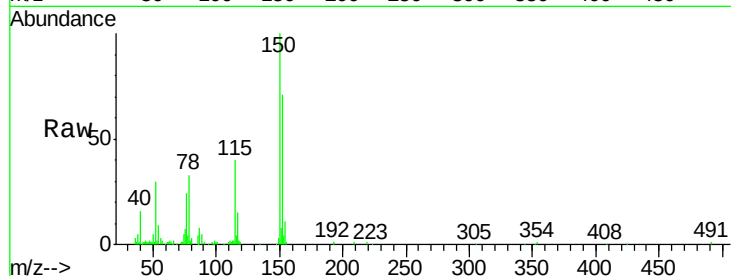
Tot Ion:152 Resp: 45970

Ion Ratio Lower Upper

152 100

150 140.9 144.7 217.1#

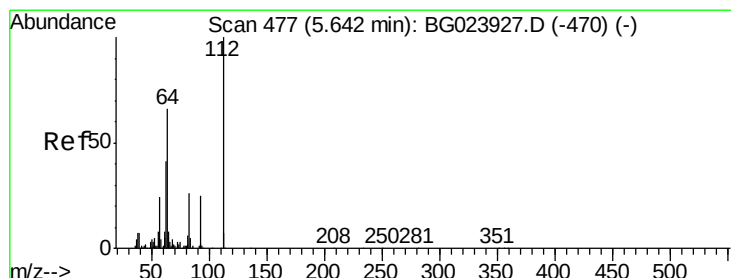
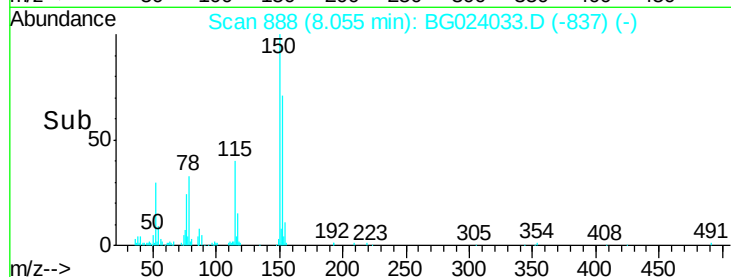
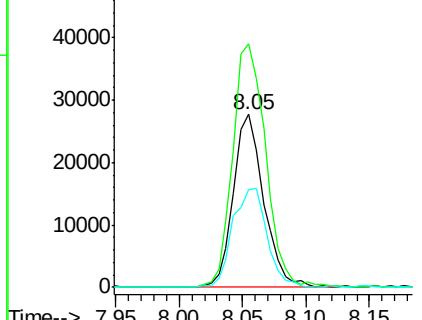
115 56.9 64.0 96.0#



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: 67.88 ng

RT: 5.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG024033.D

Acq: 20 Sep 2016 00:38

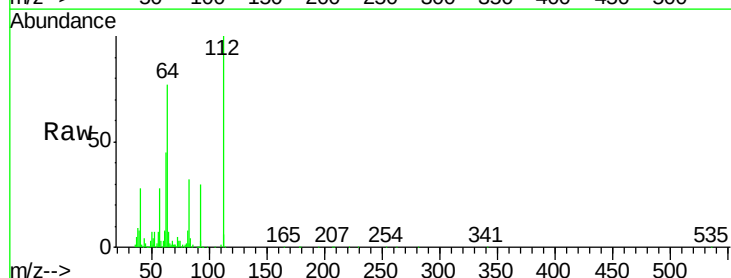
Tgt Ion:112 Resp: 177731

Ion Ratio Lower Upper

112 100

64 76.7 59.0 88.4

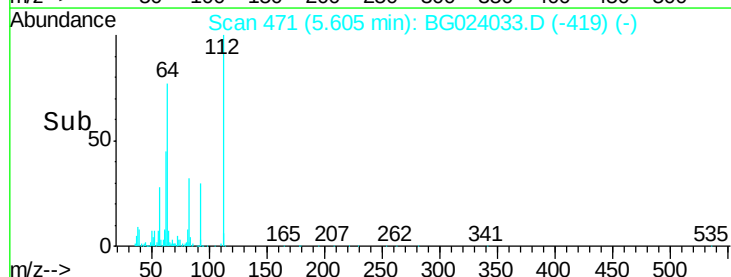
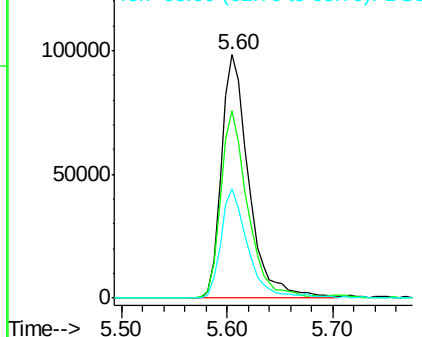
63 44.7 37.8 56.8

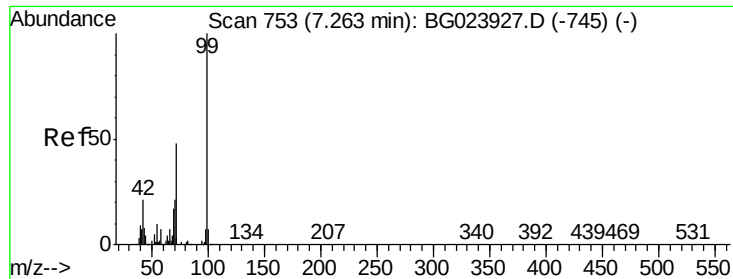


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.07 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG024033.D

Acq: 20 Sep 2016 00:38

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-3

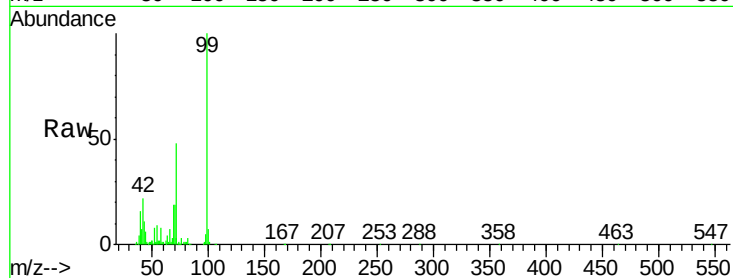
Tot Ion: 99 Resp: 177639

Ion Ratio Lower Upper

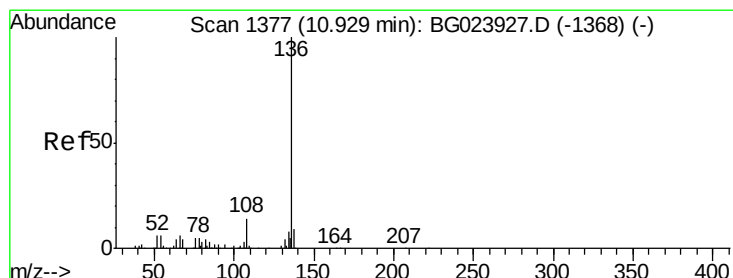
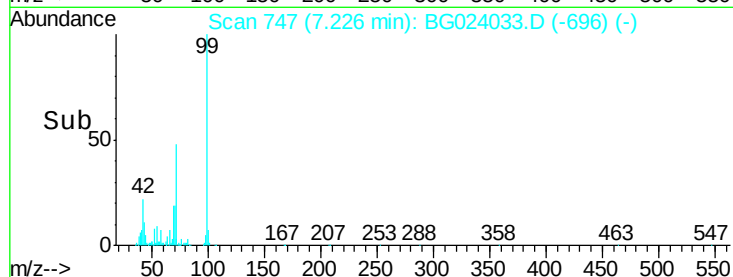
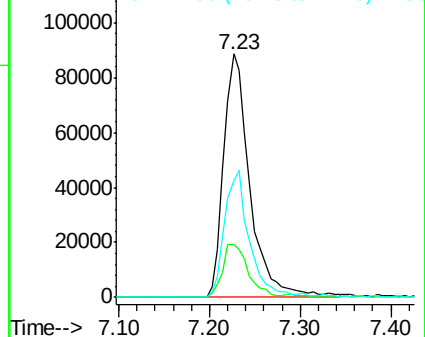
99 100

42 21.7 17.8 26.6

71 47.8 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# 1370

Delta R.T. -0.00 min

Lab File: BG024033.D

Acq: 20 Sep 2016 00:38

Tgt Ion: 136 Resp: 196403

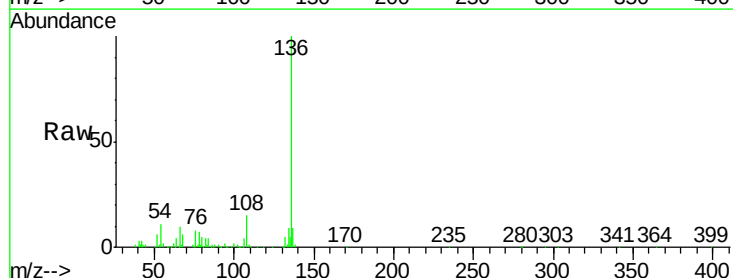
Ion Ratio Lower Upper

136 100

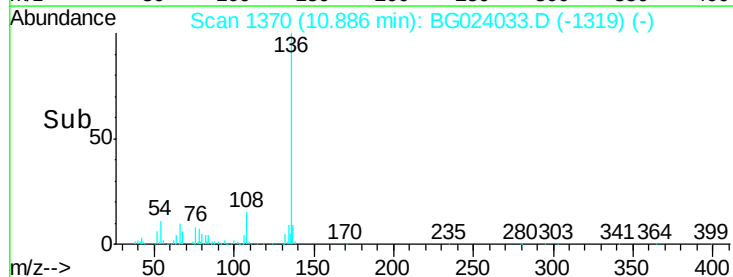
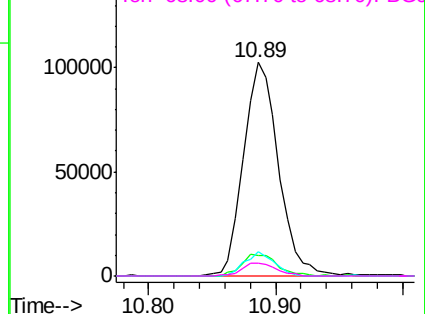
137 9.4 9.6 14.4#

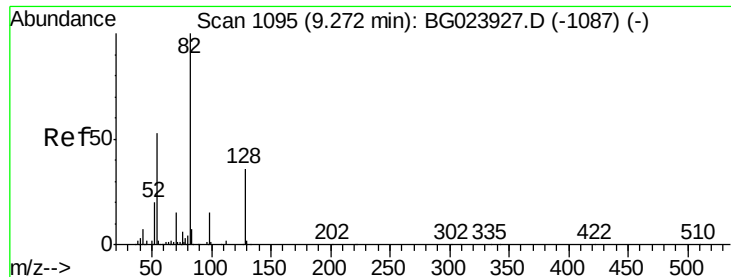
54 11.1 7.3 10.9#

68 5.8 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

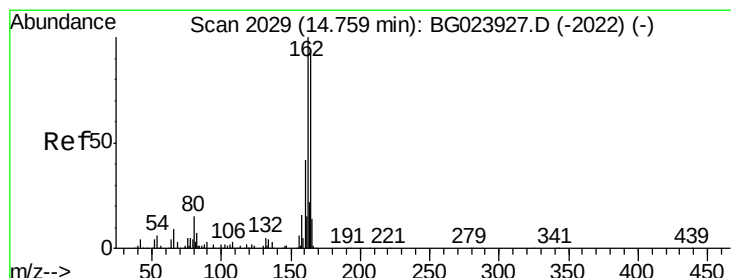
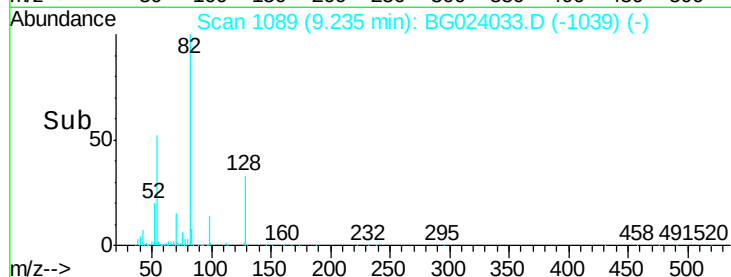
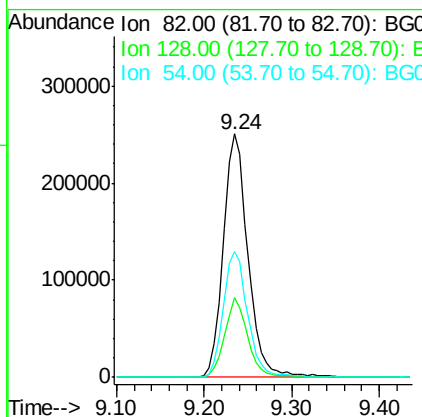
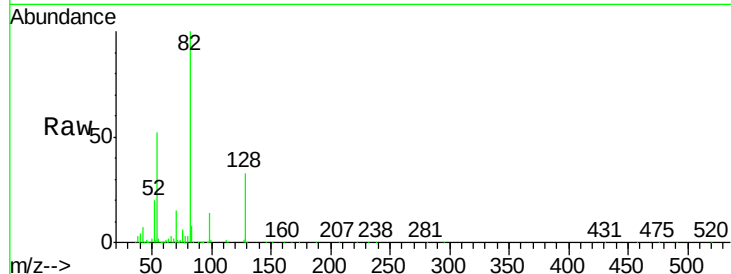




#23
 Nitrobenzene-d5
 Concen: 109.33 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024033.D
 Acq: 20 Sep 2016 00:38

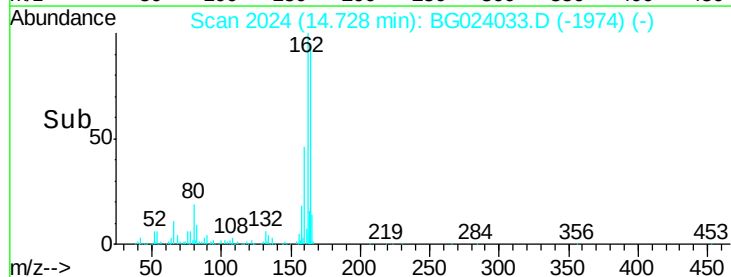
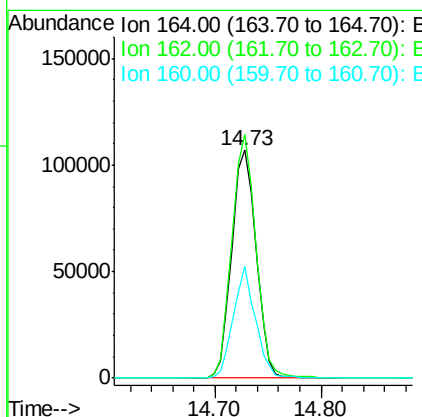
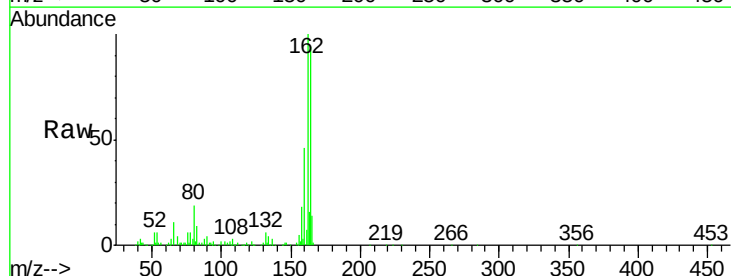
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SW1-3

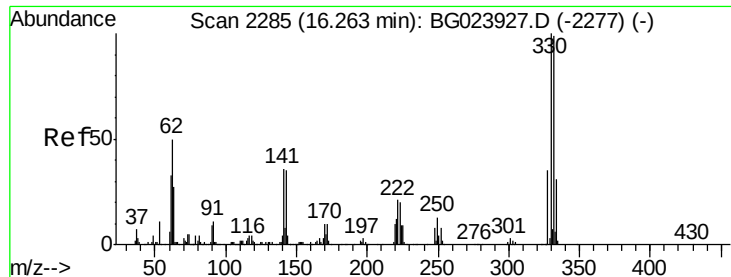
Tot Ion	82	Resp	480970
Ion Ratio	Lower	Upper	
82	100		
128	32.6	24.4	36.6
54	51.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG024033.D
 Acq: 20 Sep 2016 00:38

Tgt Ion	164	Resp	170891
Ion Ratio	Lower	Upper	
164	100		
162	106.9	87.7	131.5
160	48.8	37.2	55.8

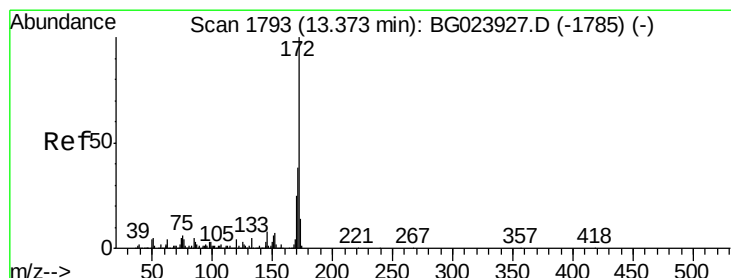
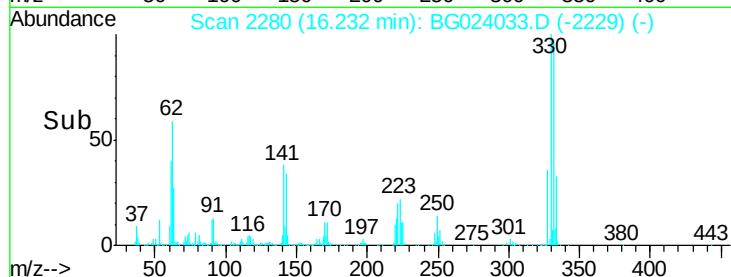
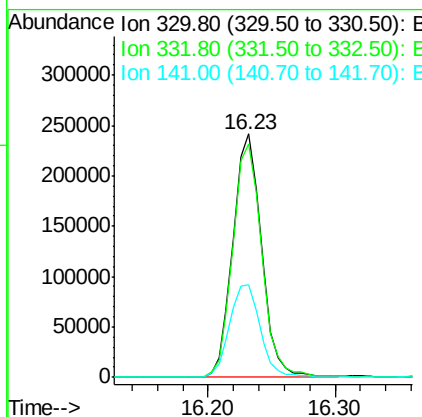
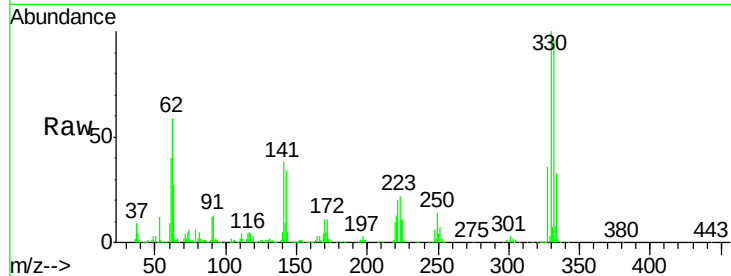




#41
 2,4,6-Tribromophenol
 Concen: 122.66 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024033.D
 Acq: 20 Sep 2016 00:38

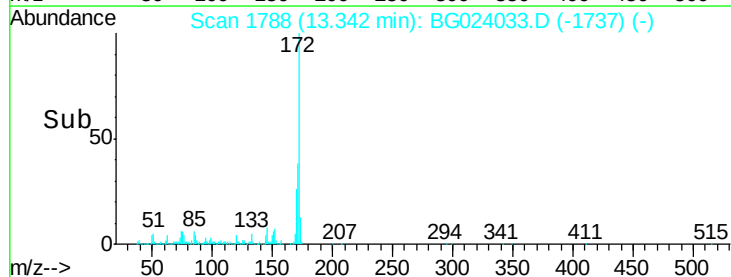
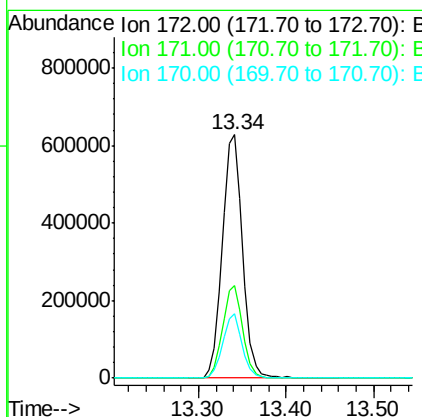
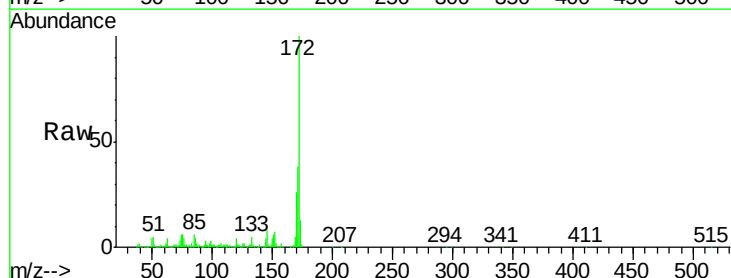
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SW1-3

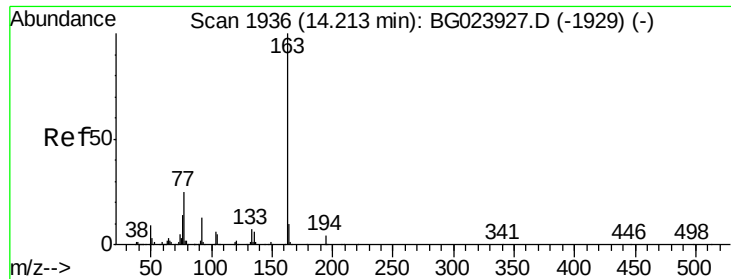
Tot Ion:330 Resp: 377652
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 40.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 84.18 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG024033.D
 Acq: 20 Sep 2016 00:38

Tgt Ion:172 Resp: 1003395
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.6 47.4
 170 26.4 21.3 31.9





#49

Dimethylphthalate

Concen: 10.47 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG024033.D

Acq: 20 Sep 2016 00:38

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-3

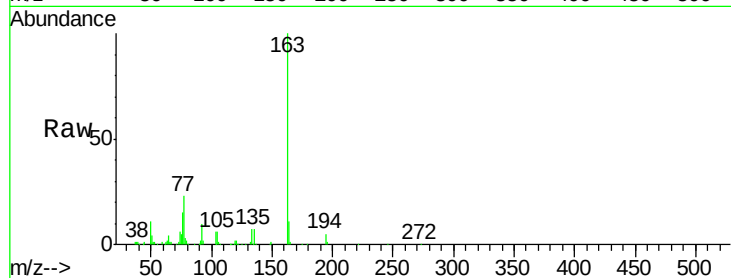
Tot Ion:163 Resp: 153423

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

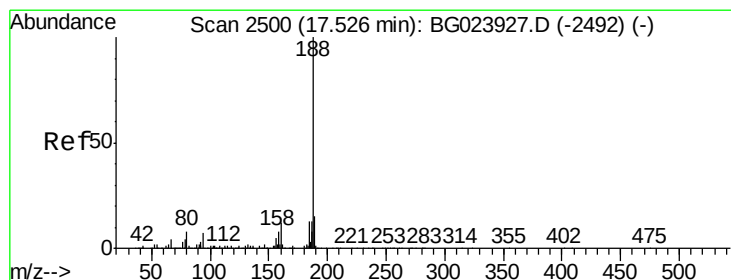
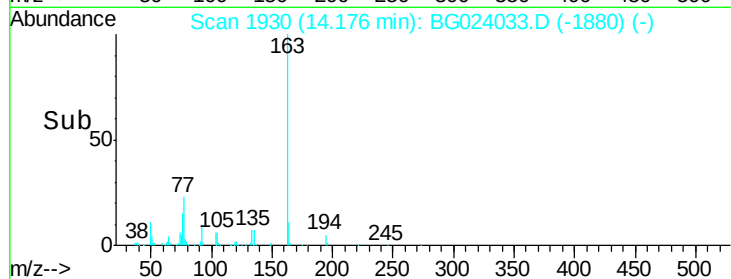
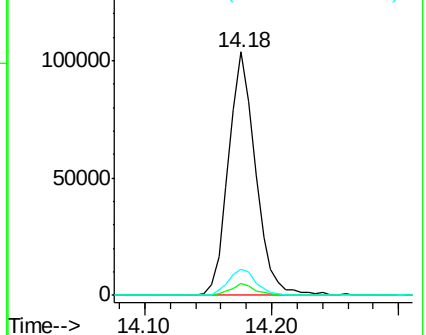
164 10.7 8.1 12.1



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: BG024033.D

Acq: 20 Sep 2016 00:38

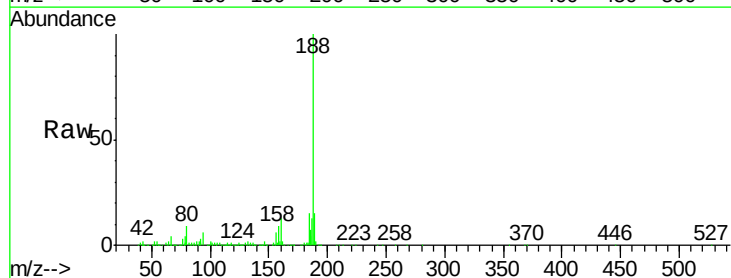
Tgt Ion:188 Resp: 395545

Ion Ratio Lower Upper

188 100

94 5.6 5.2 7.8

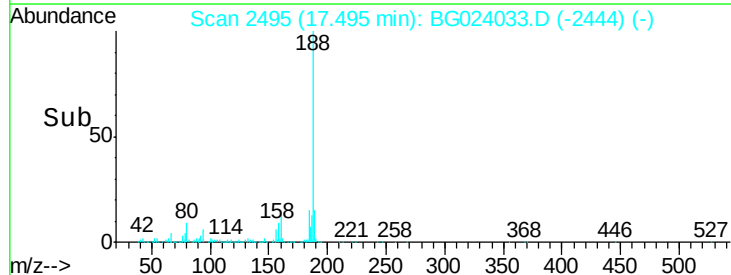
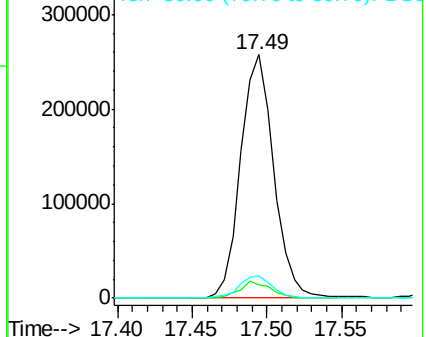
80 8.9 7.2 10.8

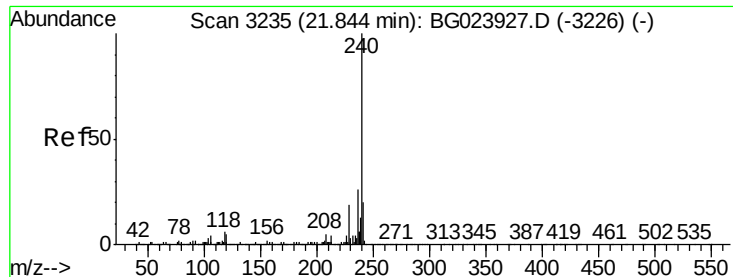


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG024033.D

Acq: 20 Sep 2016 00:38

Instrument :

BNA_G

ClientSampleId :

YORK-SW1-3

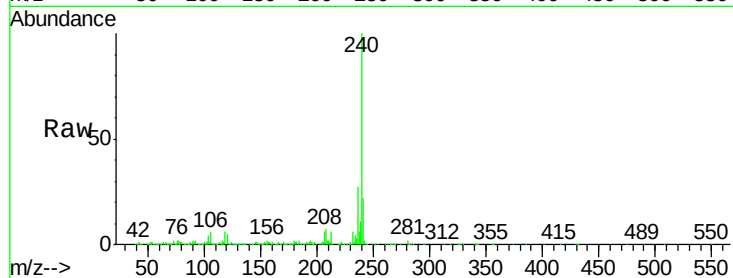
Tot Ion:240 Resp: 436917

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.1	6.1
236	27.3	21.1	31.7

240 100

120 5.1 4.1 6.1

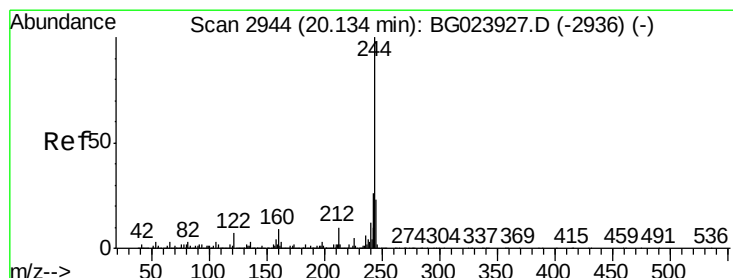
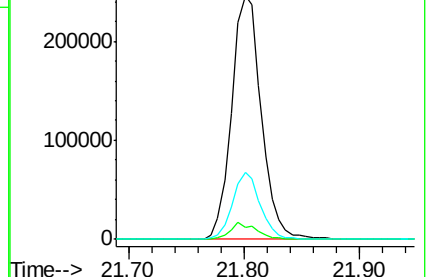
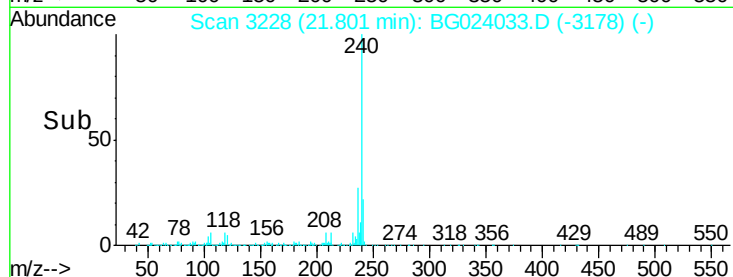
236 27.3 21.1 31.7



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: 86.01 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG024033.D

Acq: 20 Sep 2016 00:38

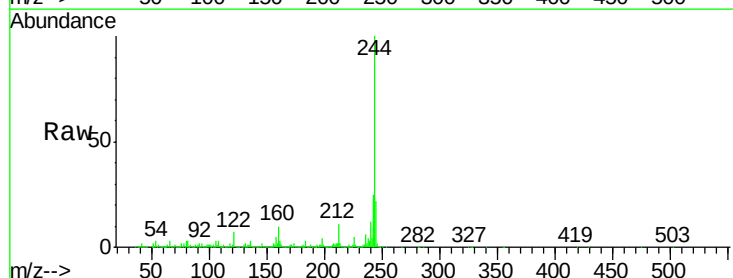
Tgt Ion:244 Resp: 1650189

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

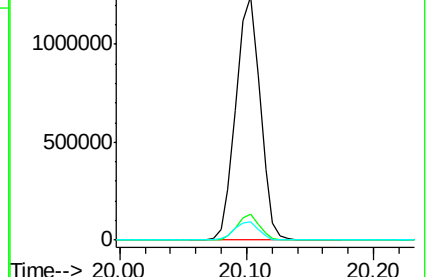
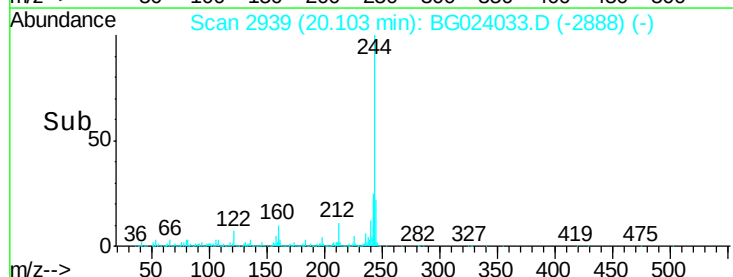
122 7.5 8.0 12.0#

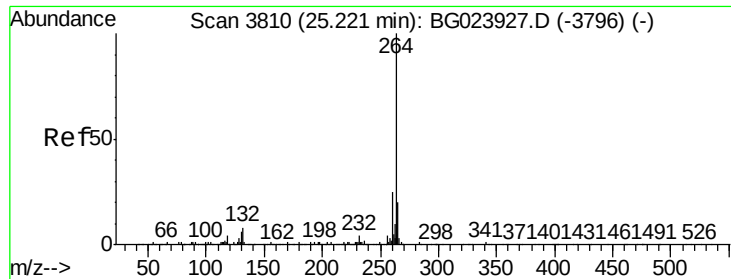


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.14 min Scan# 3797
 Delta R.T. -0.01 min
 Lab File: BG024033.D
 Acq: 20 Sep 2016 00:38

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	22.5	18.9	28.3

