

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
 Data File : BG024030.D
 Acq On : 19 Sep 2016 22:43
 Operator : UM/SJ
 Sample : H4821-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9

Quant Time: Sep 20 01:20:22 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

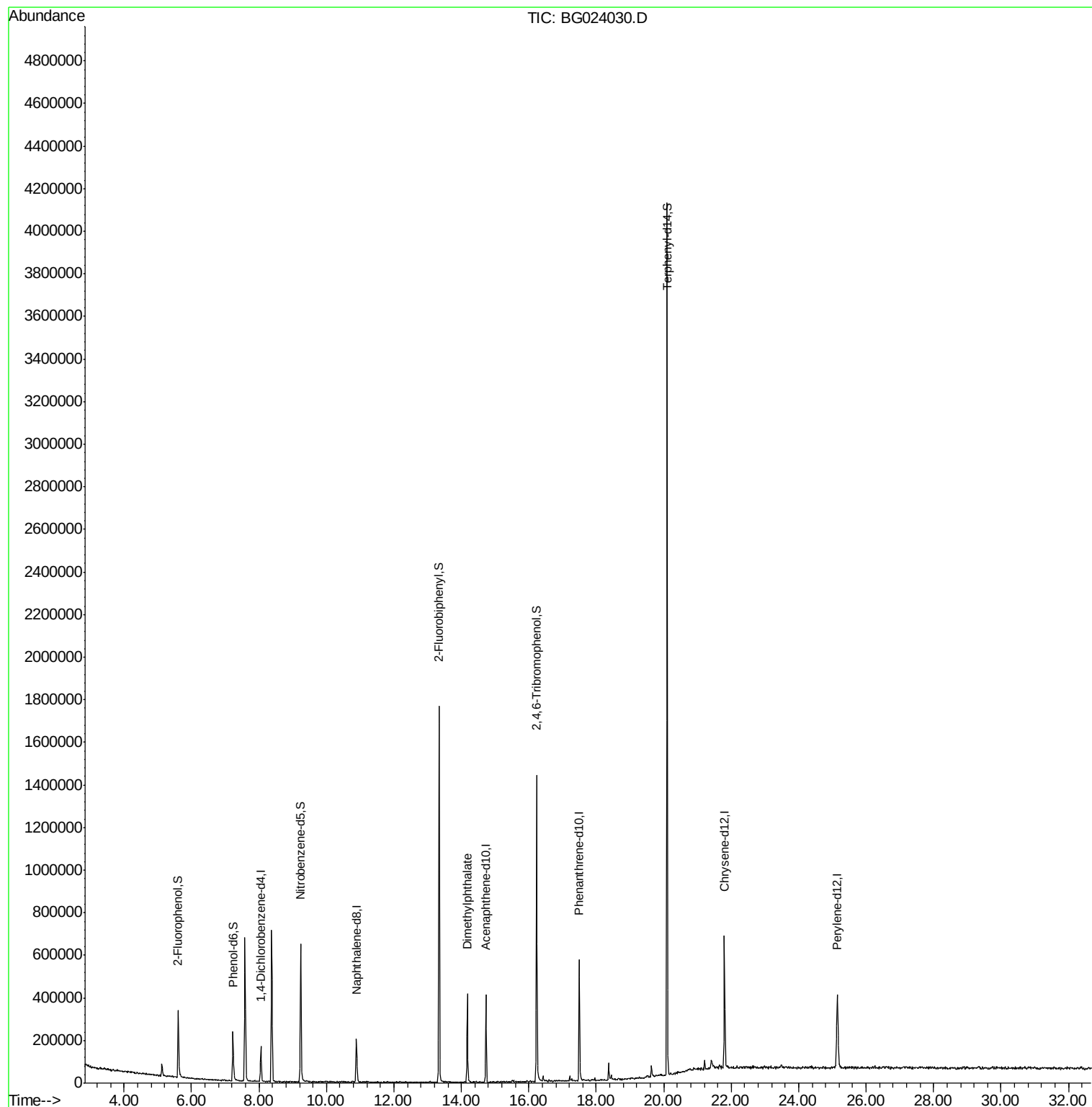
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40238	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	175442	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	149303	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	349982	20.00	ng	0.00
75) Chrysene-d12	21.80	240	416329	20.00	ng	0.00
86) Perylene-d12	25.14	264	422362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	126610	55.24	ng	0.00
7) Phenol-d6	7.23	99	145646	41.28	ng	0.00
23) Nitrobenzene-d5	9.23	82	415794	105.80	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	264084	98.17	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	870490	83.59	ng	0.00
78) Terphenyl-d14	20.10	244	1576803	86.25	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	256358	20.02	ng	# 99

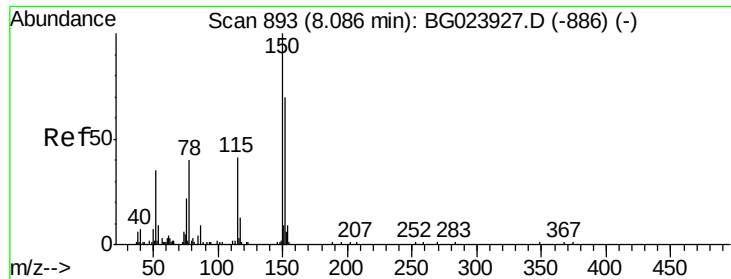
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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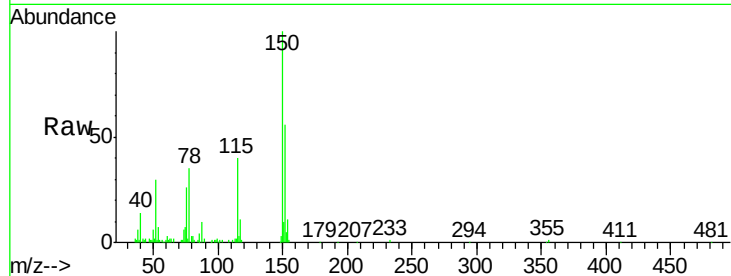


#1

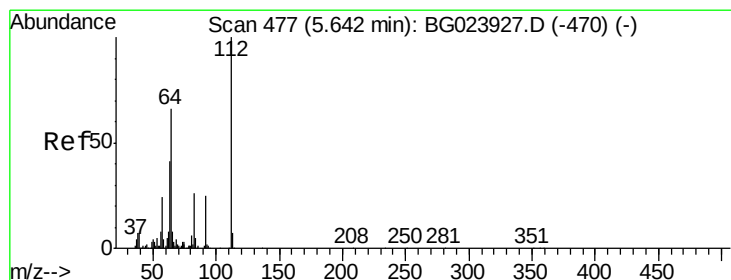
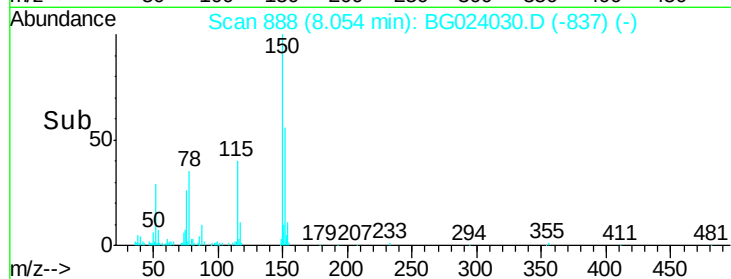
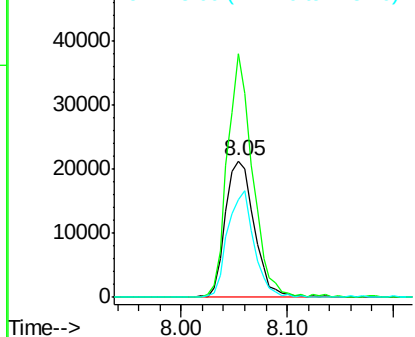
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG024030.D
Acq: 19 Sep 2016 22:43

Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	178.7	144.7	217.1
115	71.7	64.0	96.0



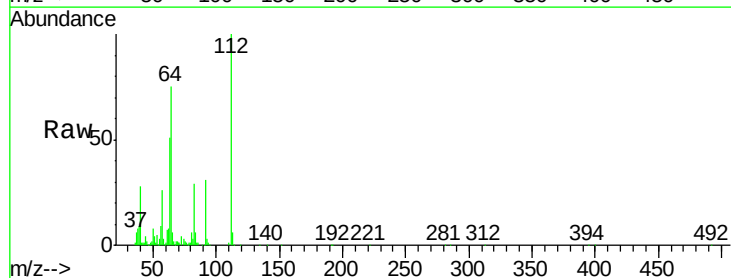
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



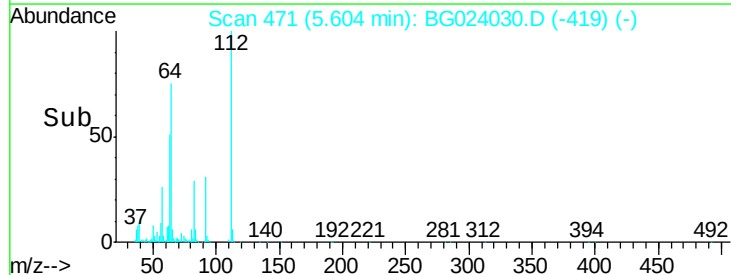
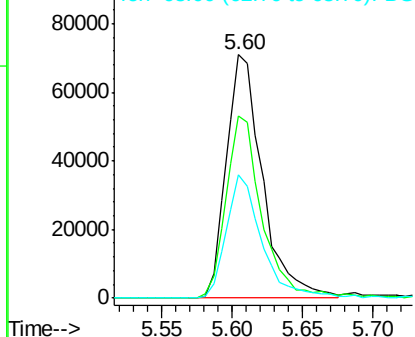
#5

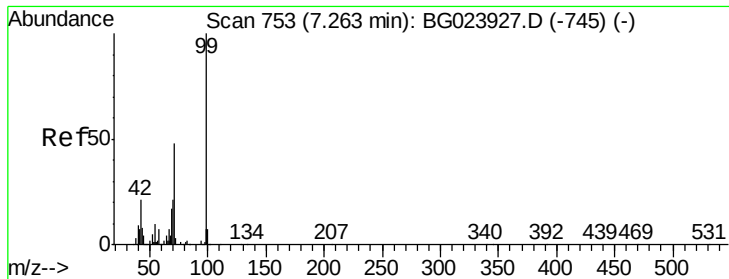
2-Fluorophenol
Concen: 55.24 ng
RT: 5.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG024030.D
Acq: 19 Sep 2016 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	59.0	88.4
63	50.7	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: 41.28 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9

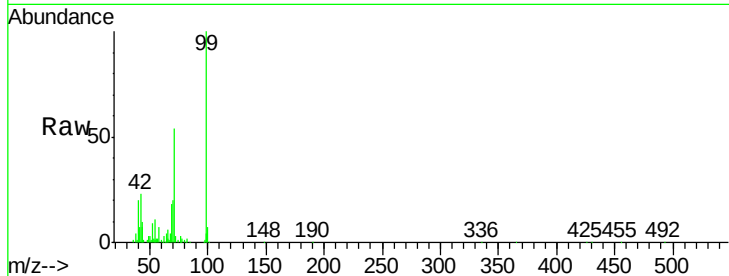
Tot Ion: 99 Resp: 145646

Ion Ratio Lower Upper

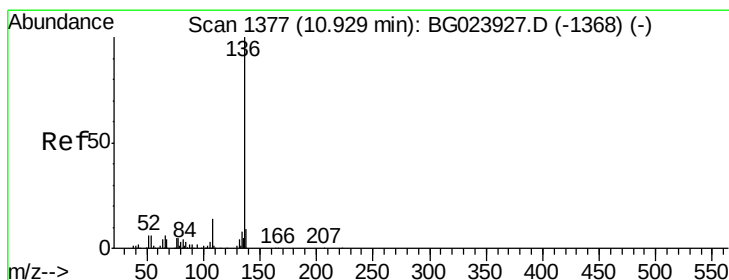
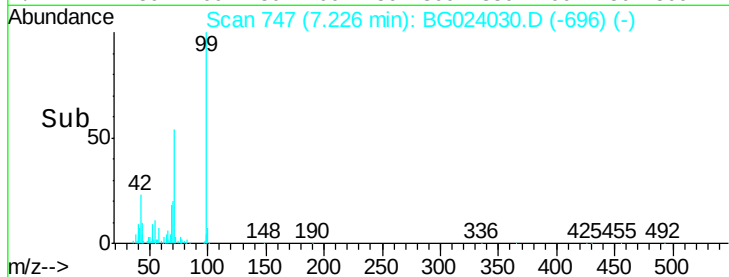
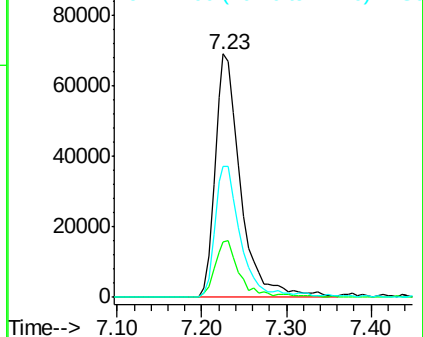
99 100

42 22.6 17.8 26.6

71 54.0 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: BG024030.D

Acq: 19 Sep 2016 22:43

Tgt Ion: 136 Resp: 175442

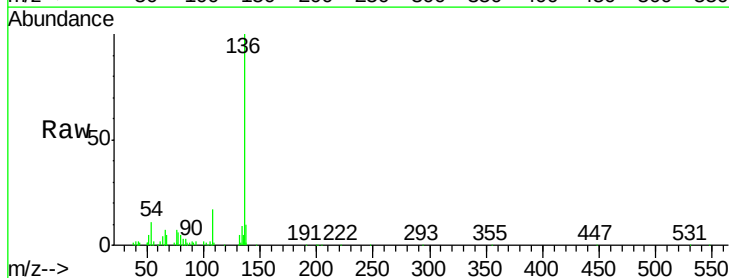
Ion Ratio Lower Upper

136 100

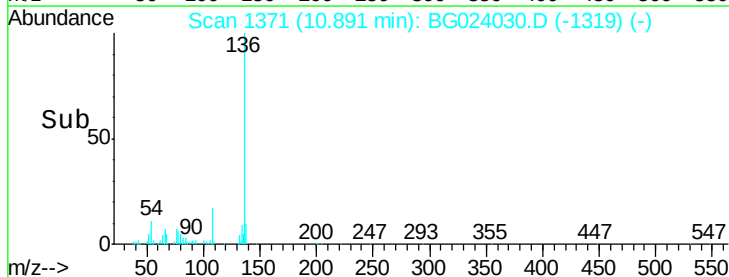
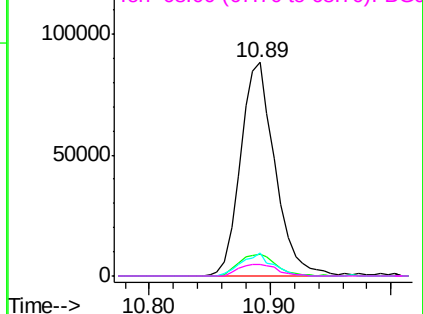
137 10.3 9.6 14.4

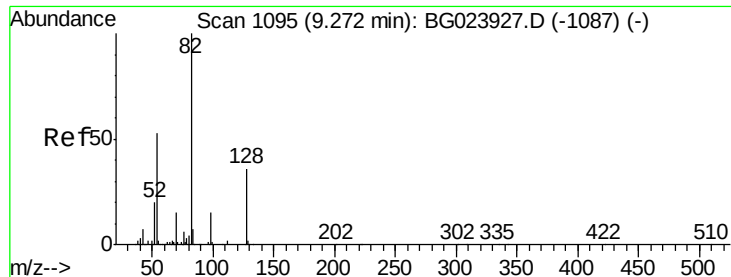
54 10.8 7.3 10.9

68 5.3 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

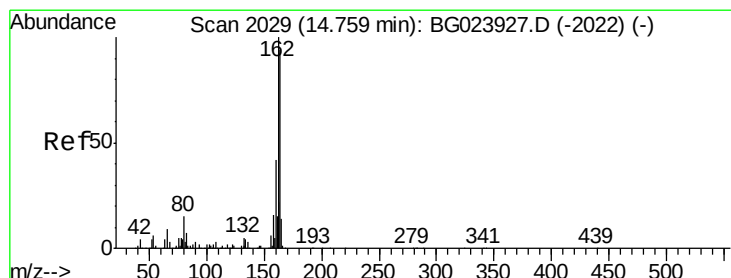
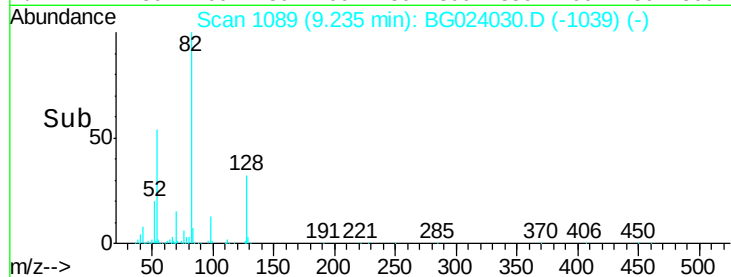
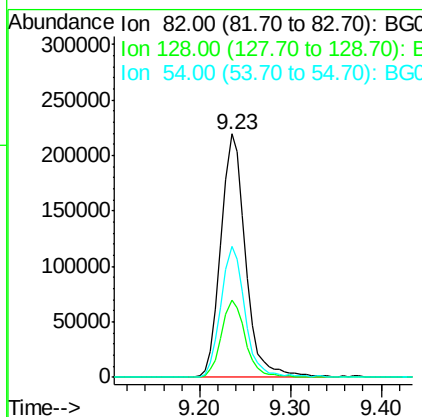
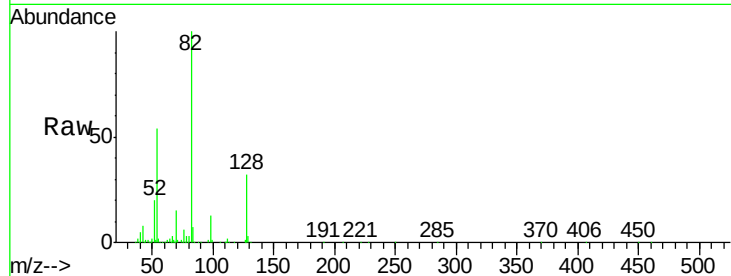




#23
 Nitrobenzene-d5
 Concen: 105.80 ng
 RT: 9.23 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024030.D
 Acq: 19 Sep 2016 22:43

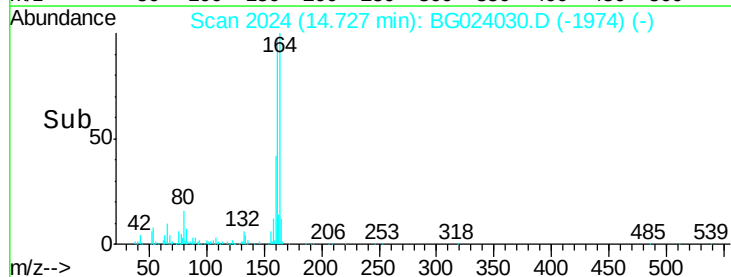
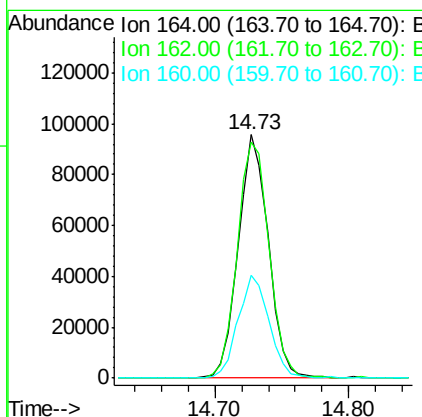
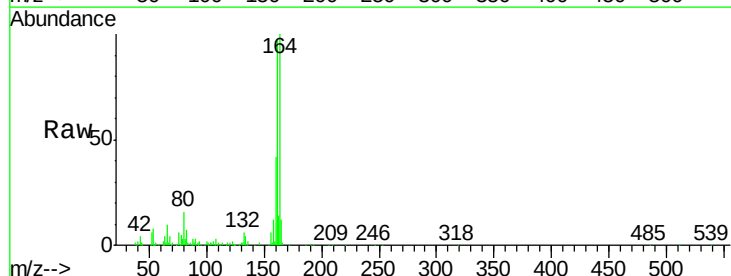
Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9

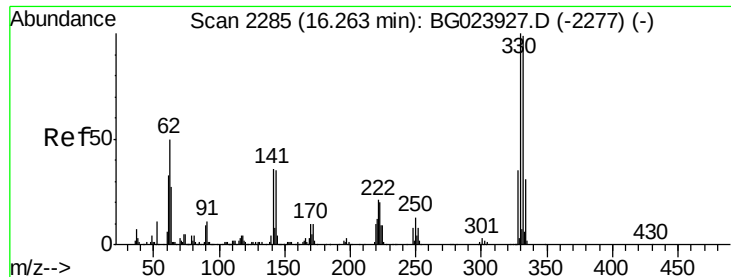
Tot Ion	82	Resp	415794
Ion Ratio	100	Lower	Upper
128	31.6	24.4	36.6
54	54.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG024030.D
 Acq: 19 Sep 2016 22:43

Tgt Ion	164	Resp	149303
Ion Ratio	100	Lower	Upper
162	96.7	87.7	131.5
160	42.0	37.2	55.8

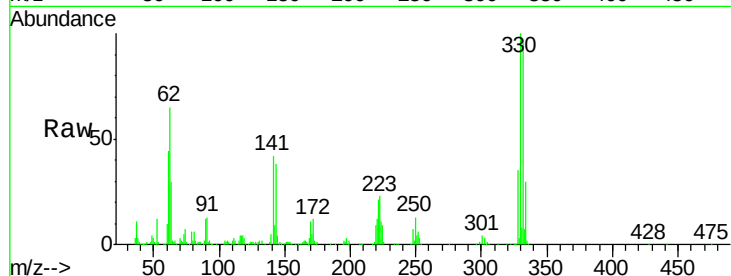




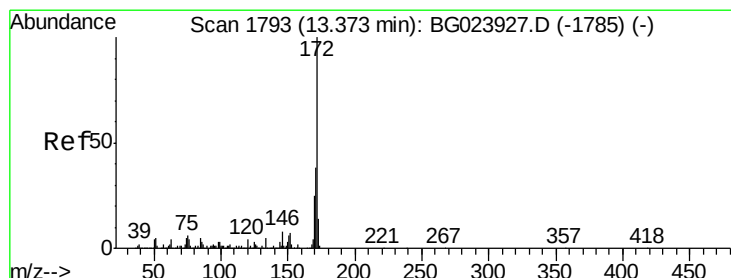
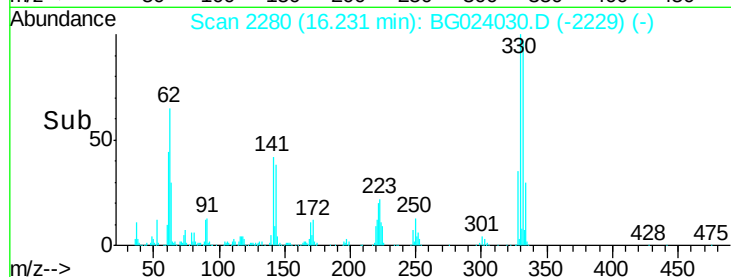
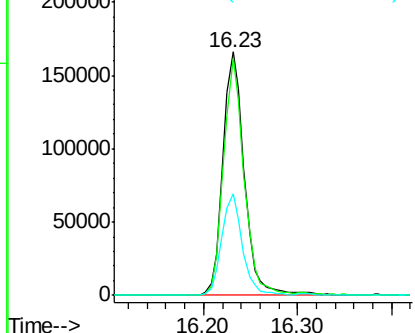
#41
 2,4,6-Tribromophenol
 Concen: 98.17 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024030.D
 Acq: 19 Sep 2016 22:43

Instrument :
 BNA_G
 ClientSampleId :
 YORK-MWP7-9

Tot Ion:330 Resp: 264084
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.2
 141 40.3 31.7 47.5

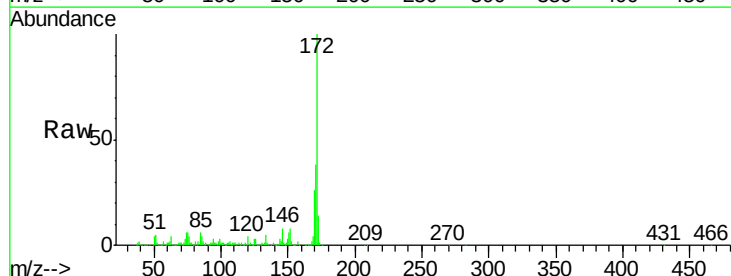


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

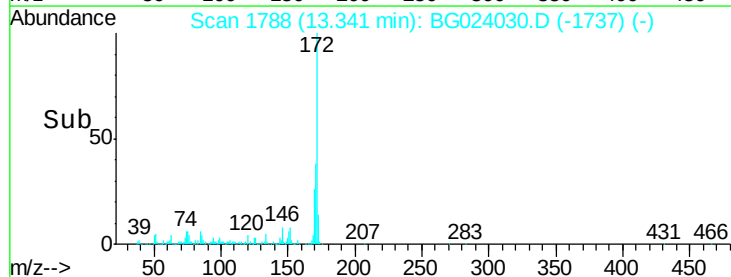
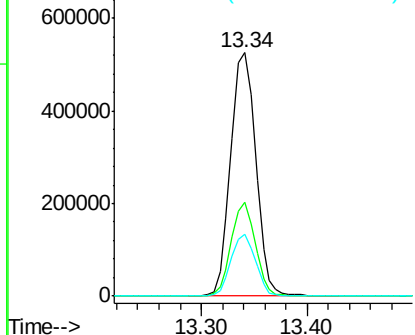


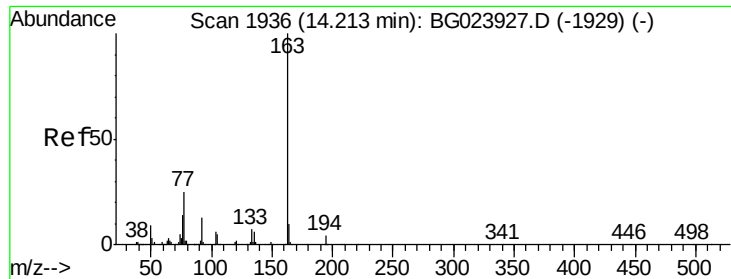
#44
 2-Fluorobiphenyl
 Concen: 83.59 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG024030.D
 Acq: 19 Sep 2016 22:43

Tgt Ion:172 Resp: 870490
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.6 47.4
 170 25.7 21.3 31.9



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





#49

Dimethylphthalate

Concen: 20.02 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9

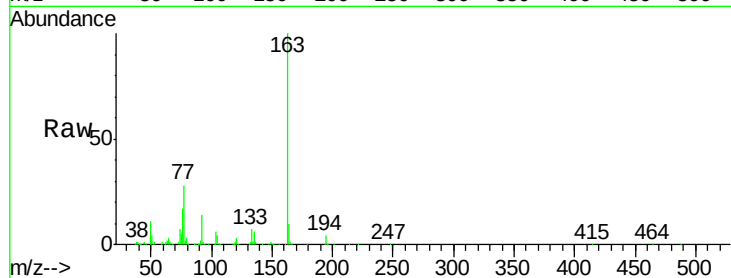
Tot Ion:163 Resp: 256358

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4#

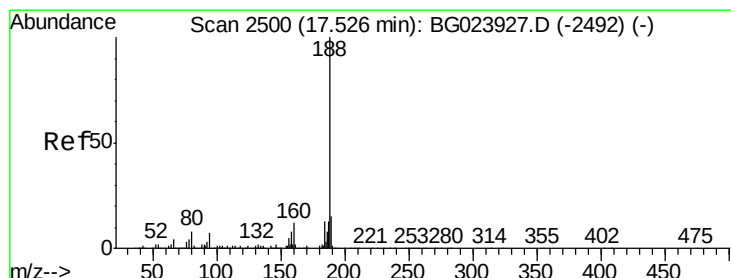
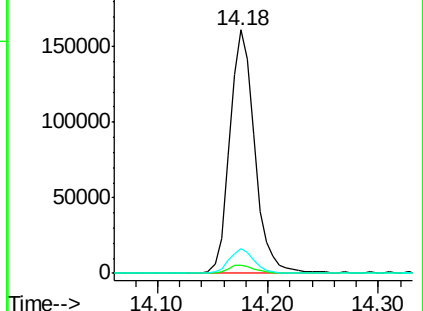
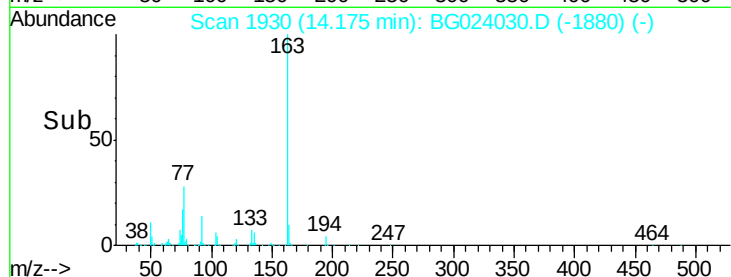
164 10.1 8.1 12.1



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: BG024030.D

Acq: 19 Sep 2016 22:43

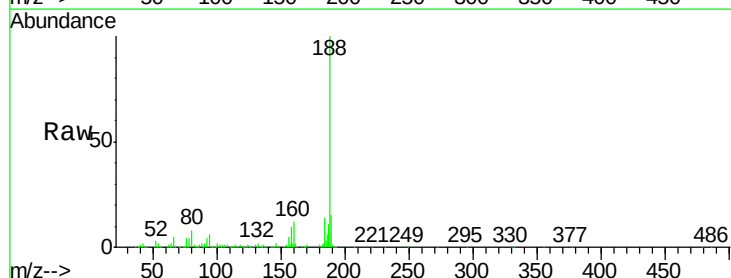
Tgt Ion:188 Resp: 349982

Ion Ratio Lower Upper

188 100

94 5.8 5.2 7.8

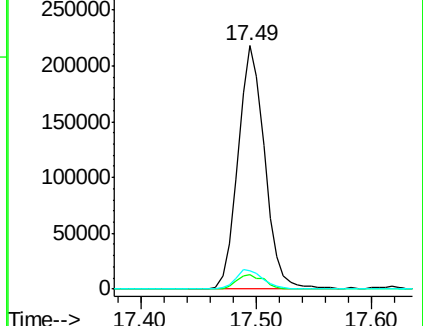
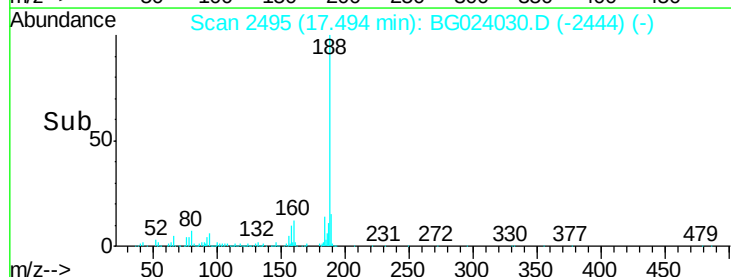
80 7.5 7.2 10.8

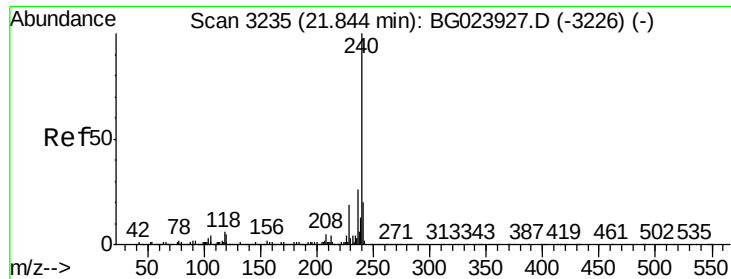


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024030.D

Acq: 19 Sep 2016 22:43

Instrument :

BNA_G

ClientSampleId :

YORK-MWP7-9

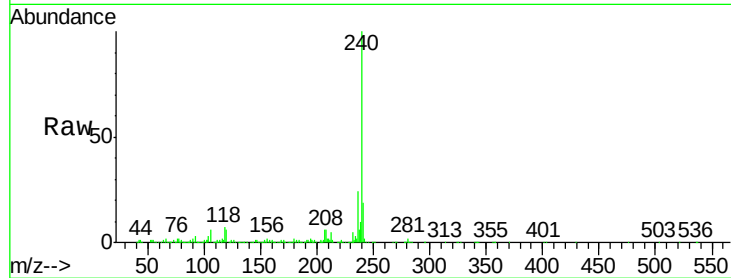
Tot Ion:240 Resp: 416329

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

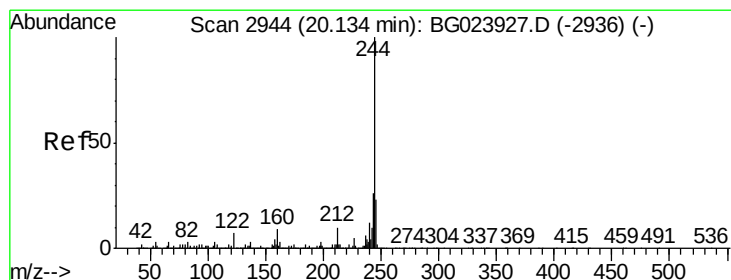
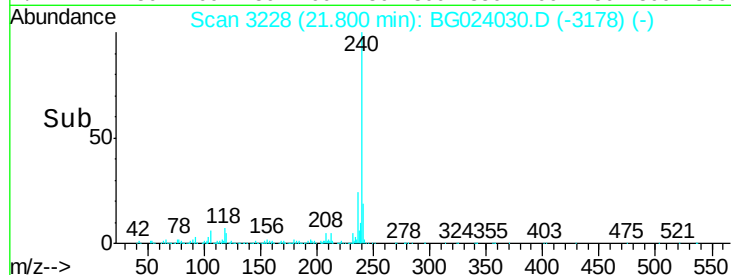
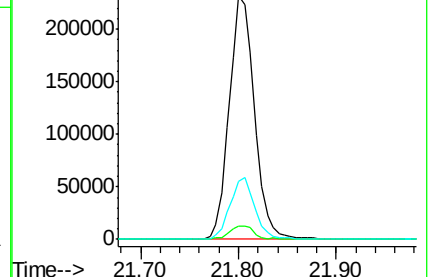
236 24.1 21.1 31.7



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: 86.25 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG024030.D

Acq: 19 Sep 2016 22:43

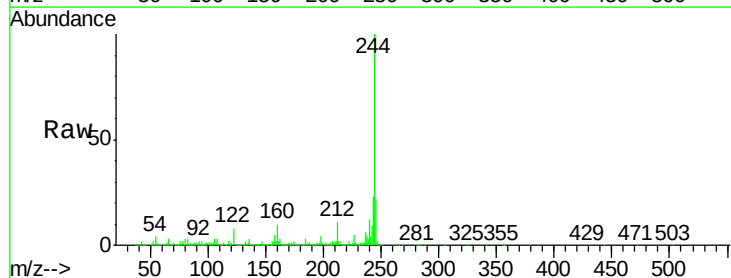
Tgt Ion:244 Resp: 1576803

Ion Ratio Lower Upper

244 100

212 10.5 10.8 16.2#

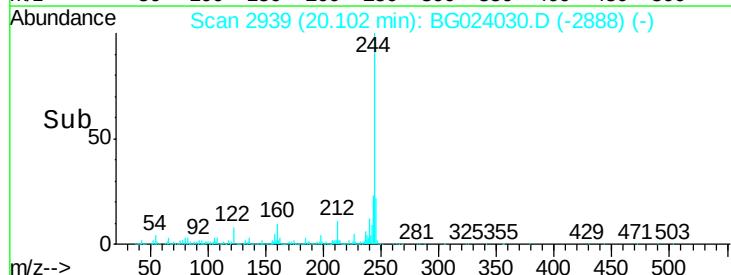
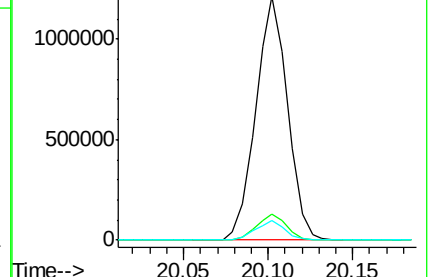
122 8.2 8.0 12.0

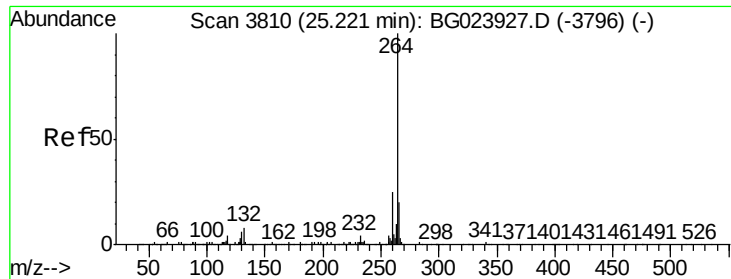


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

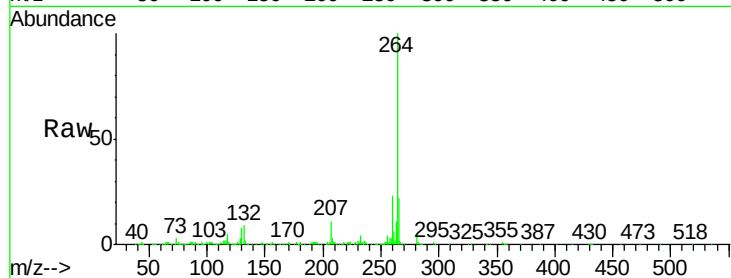




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3797
Delta R.T. -0.01 min
Lab File: BG024030.D
Acq: 19 Sep 2016 22:43

Instrument :
BNA_G
ClientSampleId :
YORK-MWP7-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.9	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

