

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024760.D
 Acq On : 8 Nov 2016 15:26
 Operator : UM/SJ
 Sample : H5558-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Nov 08 16:23:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

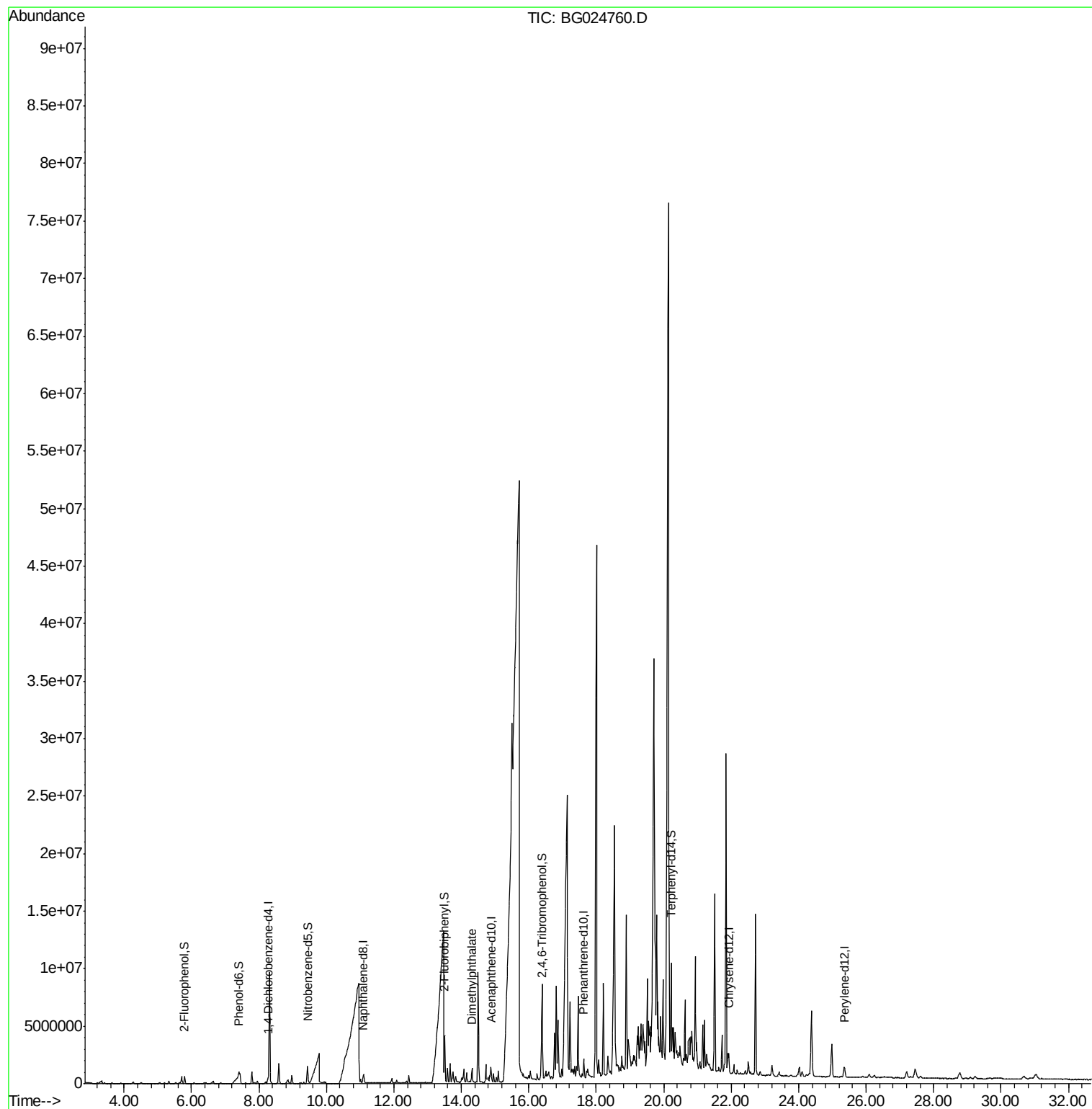
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	112053	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	472057	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	371494	20.00	ng	-0.01
63) Phenanthrene-d10	17.63	188	762358	20.00	ng	0.00
75) Chrysene-d12	21.93	240	989898	20.00	ng	0.00
86) Perylene-d12	25.35	264	1083982	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	240520	35.18	ng	0.00
7) Phenol-d6	7.40	99	235126	25.07	ng	0.00
23) Nitrobenzene-d5	9.44	82	973566	93.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.38	330	440783	79.42	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2011677	90.00	ng	0.00
78) Terphenyl-d14	20.22	244	2922421	88.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	78150	2.96	ng	Qvalue 97

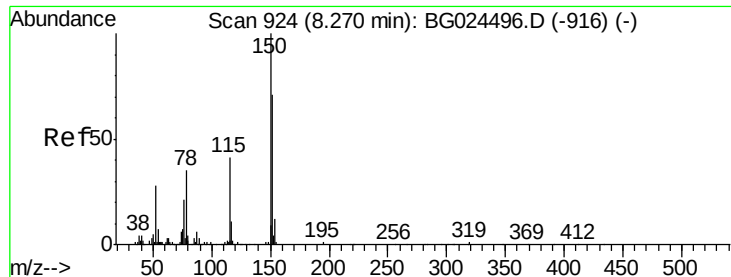
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Instrument :

BNA_G

ClientSampleId :

EFF-WW

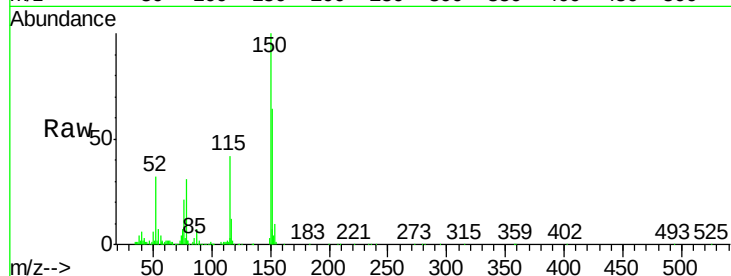
Tot Ion:152 Resp: 112053

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

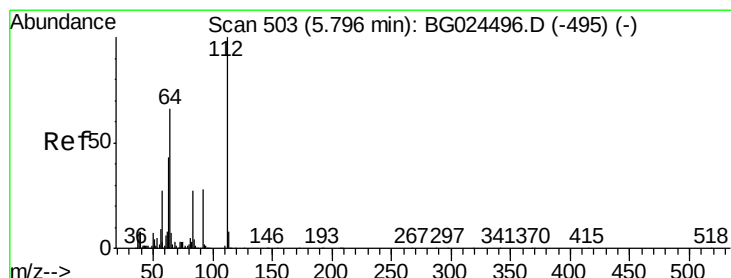
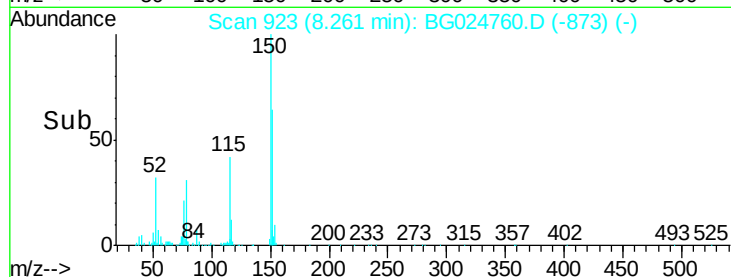
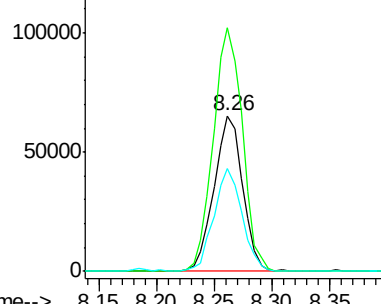
115 65.8 48.1 72.1



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: 35.18 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

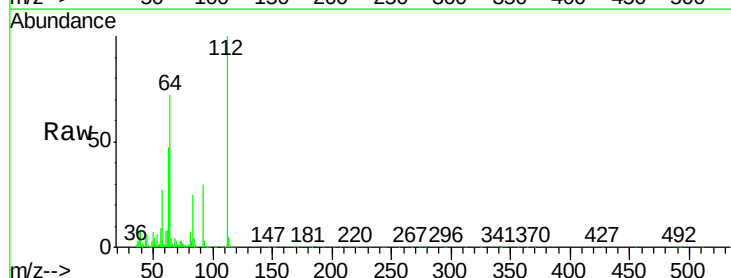
Tgt Ion:112 Resp: 240520

Ion Ratio Lower Upper

112 100

64 71.6 61.8 92.6

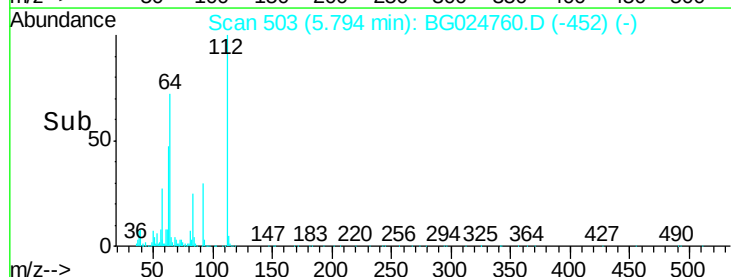
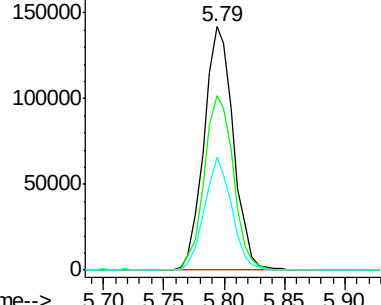
63 46.6 37.2 55.8

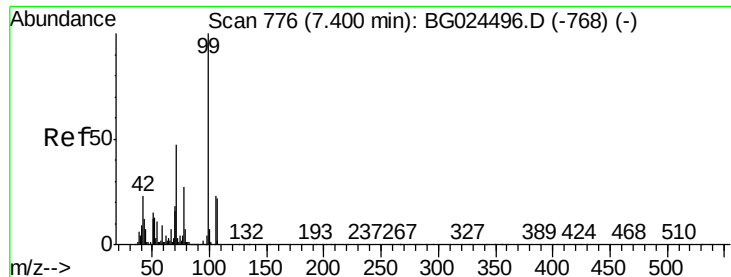


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.07 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Instrument :

BNA_G

ClientSampleId :

EFF-WW

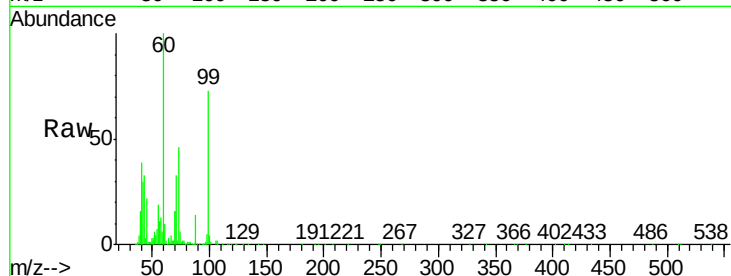
Tot Ion: 99 Resp: 235126

Ion Ratio Lower Upper

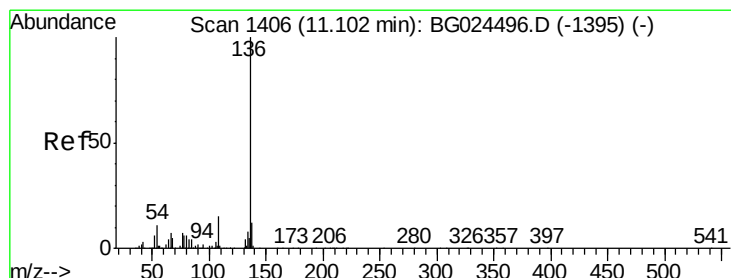
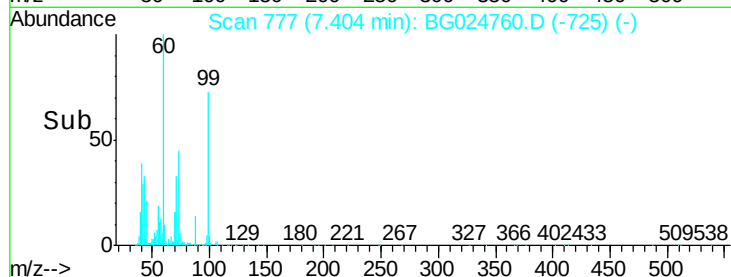
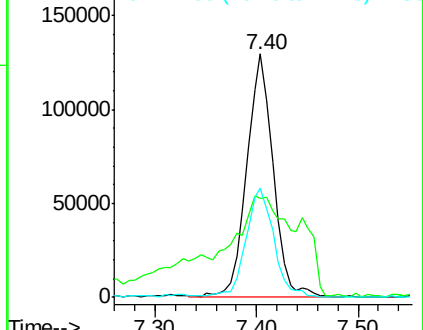
99 100

42 40.5 20.5 30.7#

71 44.9 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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Tgt Ion: 136 Resp: 472057

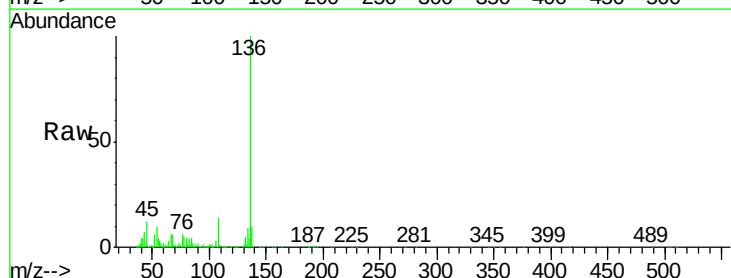
Ion Ratio Lower Upper

136 100

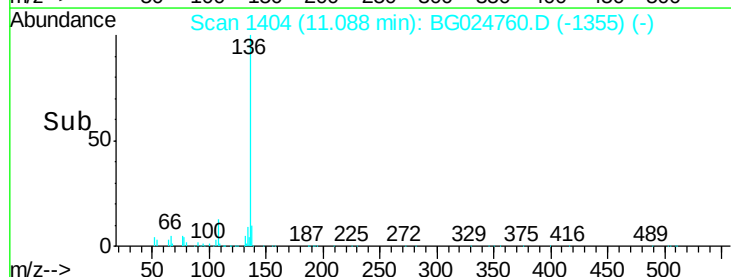
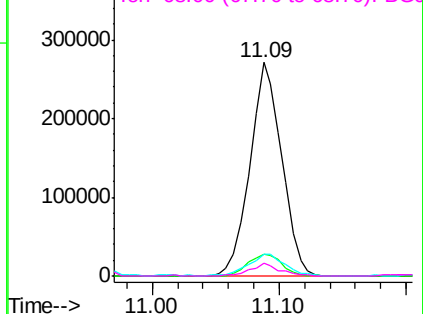
137 10.3 8.9 13.3

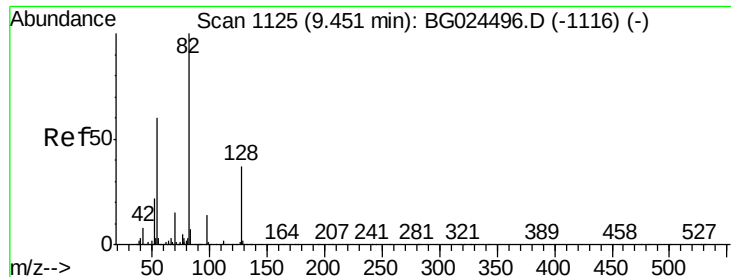
54 10.4 9.3 13.9

68 6.2 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

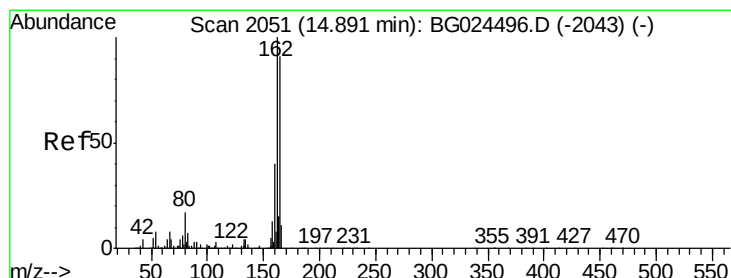
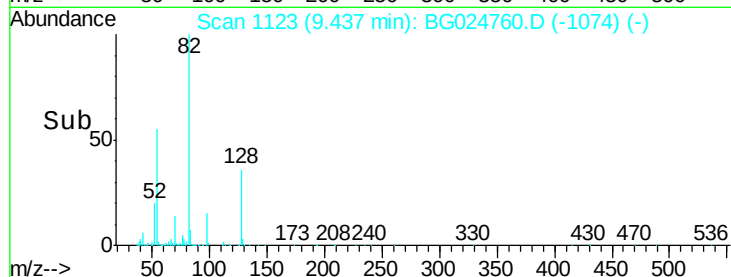
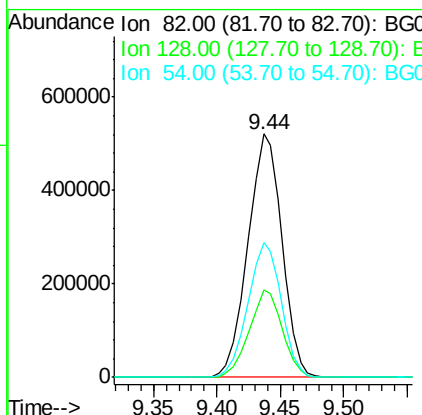
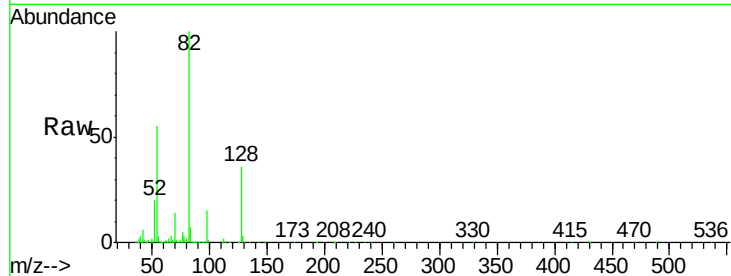




#23
Nitrobenzene-d5
Concen: 93.90 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

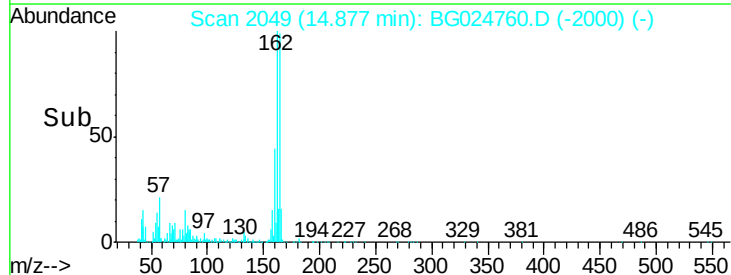
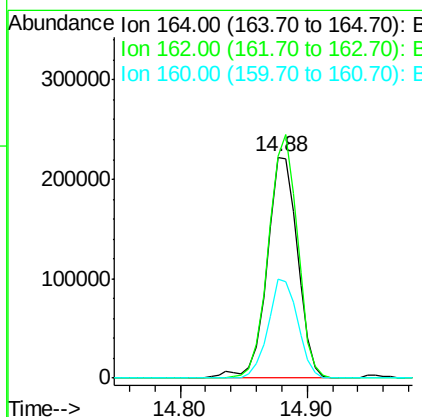
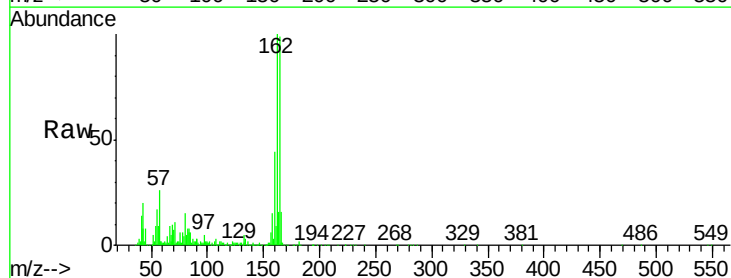
Instrument :
BNA_G
ClientSampleId :
EFF-WW

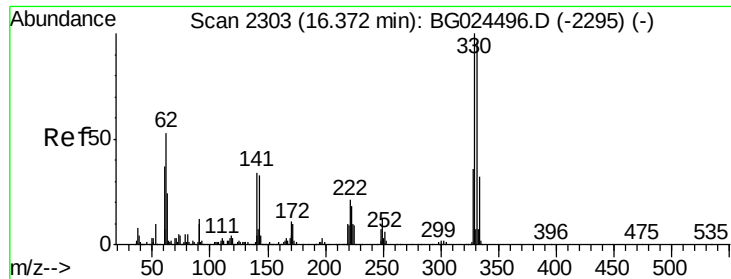
Tot Ion	82	Resp	973566
Ion Ratio	Lower	Upper	
82	100		
128	36.1	26.4	39.6
54	55.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

Tgt Ion	164	Resp	371494
Ion Ratio	Lower	Upper	
164	100		
162	100.8	85.1	127.7
160	44.6	34.7	52.1

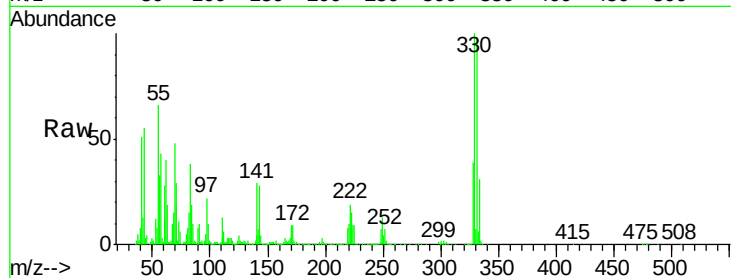




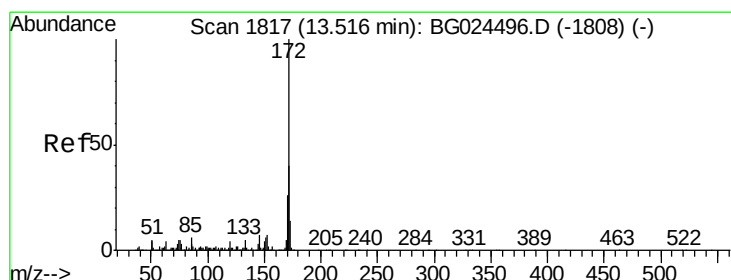
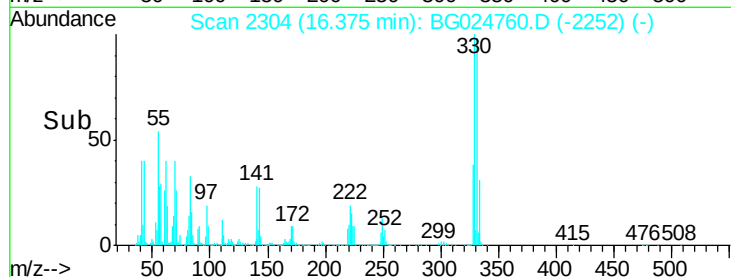
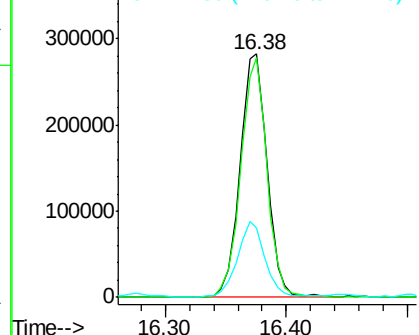
#41
2,4,6-Tribromophenol
Concen: 79.42 ng
RT: 16.38 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion:330 Resp: 440783
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 31.5 32.1 48.1#

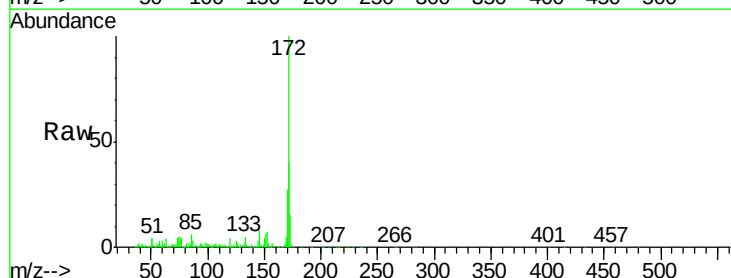


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

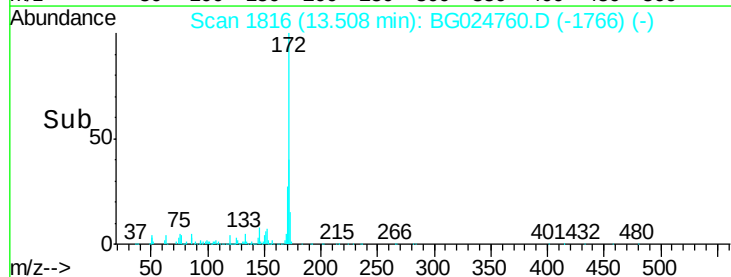
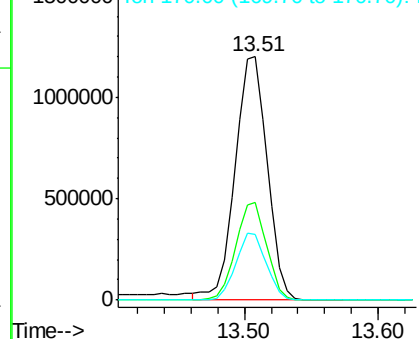


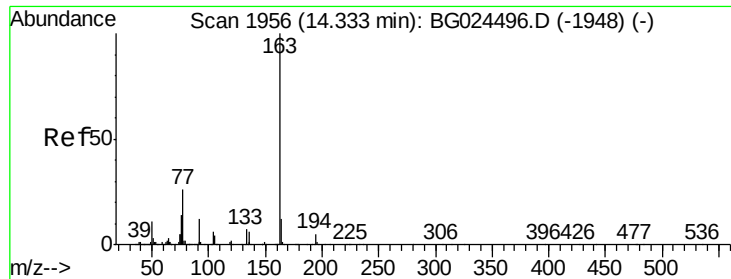
#44
2-Fluorobiphenyl
Concen: 90.00 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

Tgt Ion:172 Resp: 2011677
Ion Ratio Lower Upper
172 100
171 40.0 32.2 48.2
170 27.2 21.8 32.6



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: 2.96 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Instrument :

BNA_G

ClientSampleId :

EFF-WW

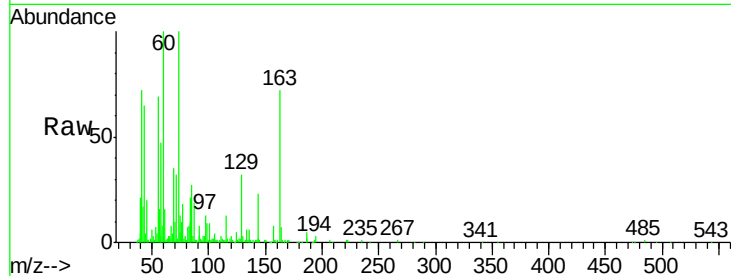
Tot Ion:163 Resp: 78150

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

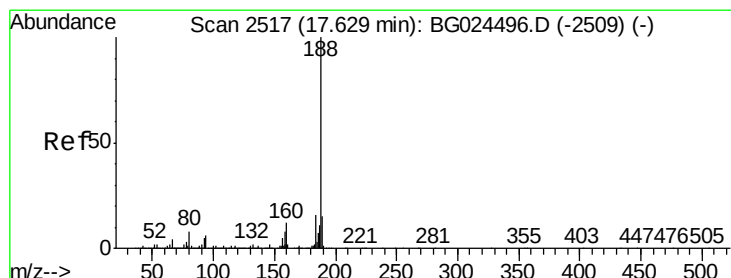
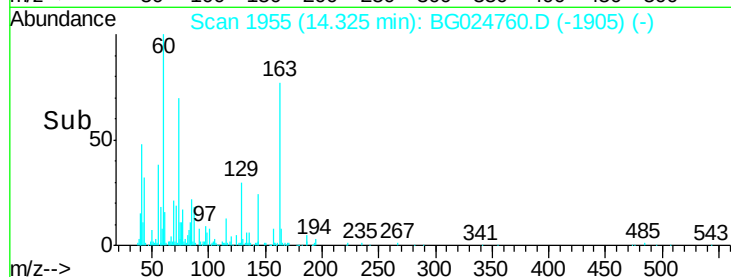
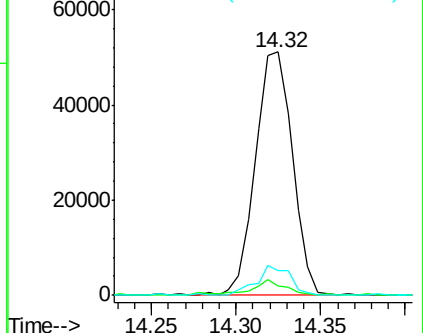
164 10.2 9.3 13.9



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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

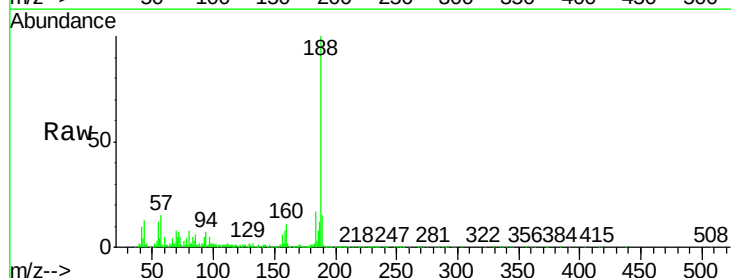
Tgt Ion:188 Resp: 762358

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

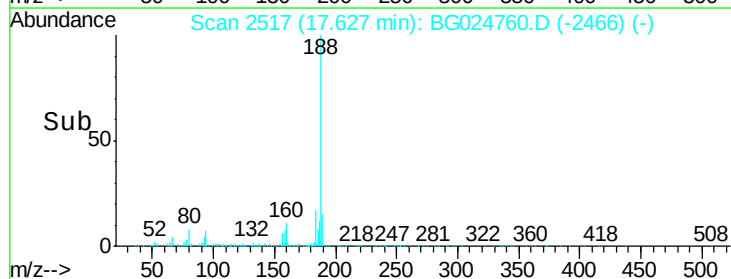
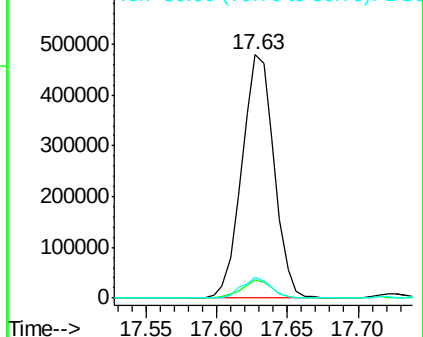
80 8.5 7.5 11.3

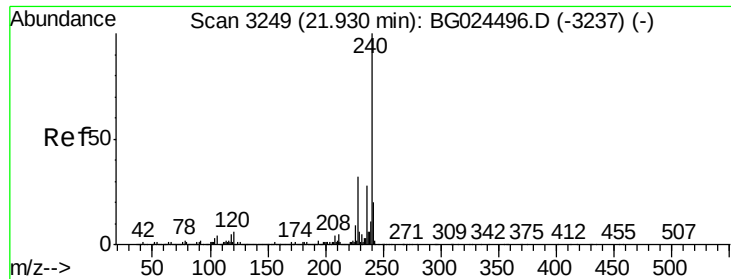


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

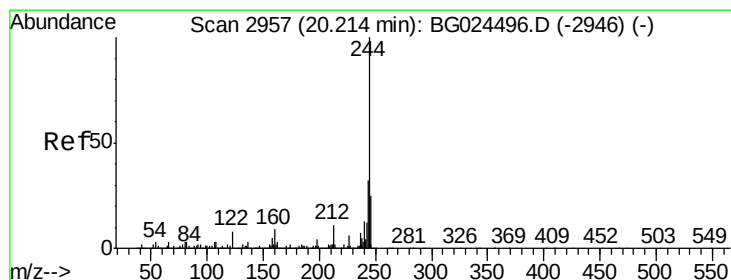
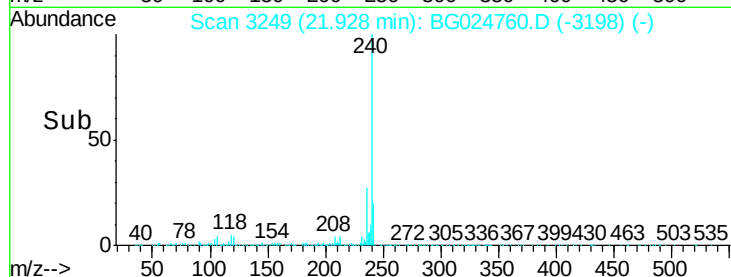
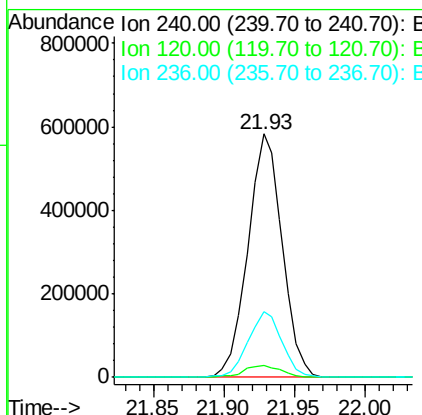
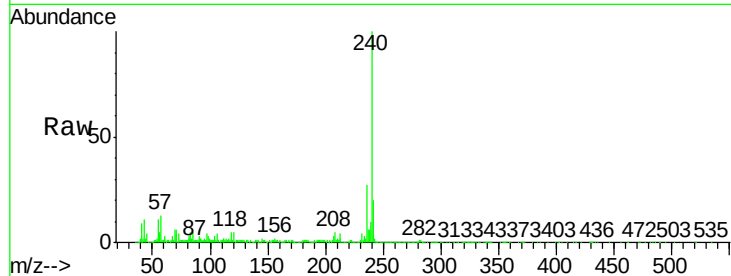




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

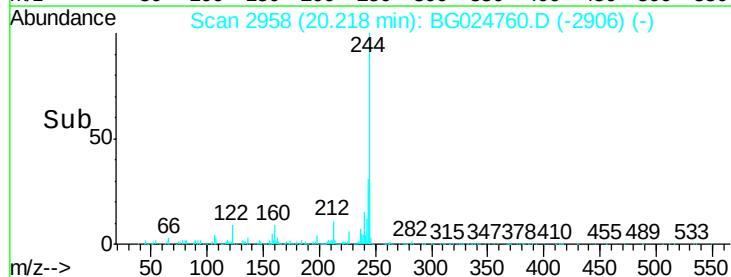
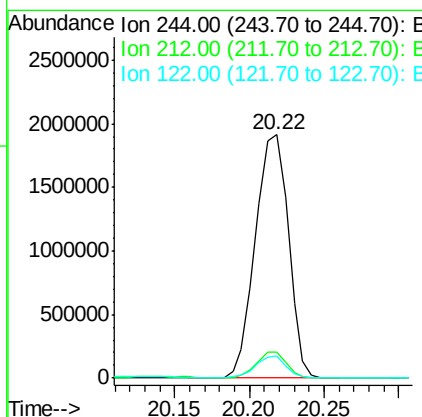
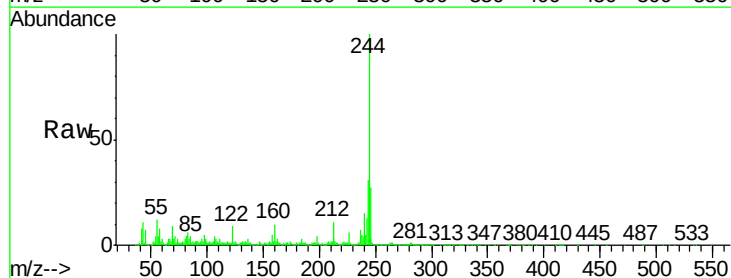
Instrument :
BNA_G
ClientSampleId :
EFF-WW

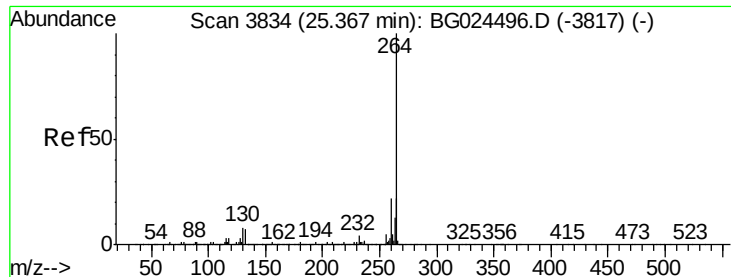
Tot Ion:240 Resp: 989898
Ion Ratio Lower Upper
240 100
120 4.7 5.7 8.5#
236 27.1 22.2 33.4



#78
Terphenyl-d14
Concen: 88.22 ng
RT: 20.22 min Scan# 2958
Delta R.T. 0.00 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

Tgt Ion:244 Resp: 2922421
Ion Ratio Lower Upper
244 100
212 10.8 10.0 15.0
122 9.2 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tot Ion:264 Resp: 1083982

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.7	18.2	27.4

