

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
 Data File : BG023965.D
 Acq On : 8 Sep 2016 12:08
 Operator : UM/SJ
 Sample : H4680-27
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH-20-12-15FT

Quant Time: Sep 08 14:13:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 05:42:37 2004
 Response via : Initial Calibration

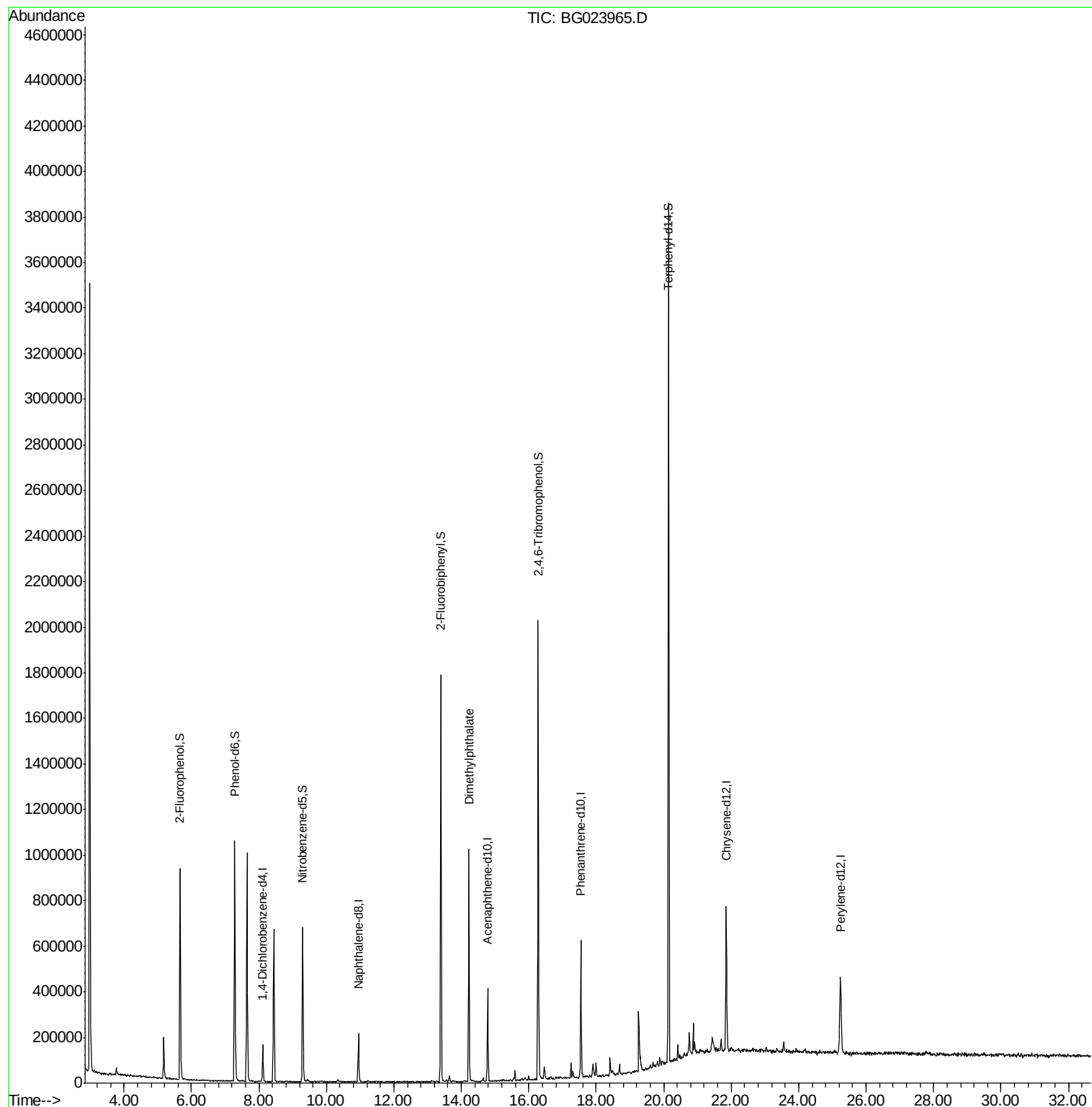
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37664	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	172045	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	136990	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	362175	20.00	ng	0.00
75) Chrysene-d12	21.85	240	382403	20.00	ng	0.00
86) Perylene-d12	25.24	264	401380	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	360699	168.14	ng	-0.02
7) Phenol-d6	7.28	99	573395	173.64	ng	-0.02
23) Nitrobenzene-d5	9.29	82	424388	110.12	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	372177	150.79	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	895966	93.77	ng	-0.02
78) Terphenyl-d14	20.14	244	1530122	91.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	571921	48.69	ng	Qvalue 99

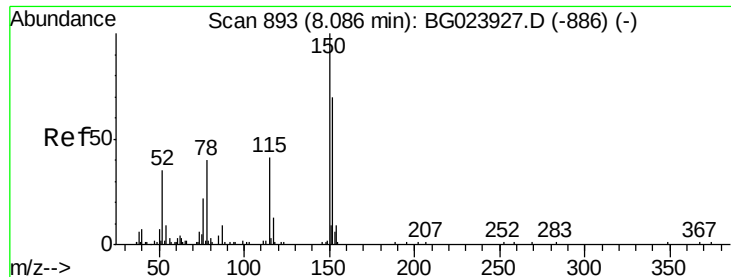
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG023965.D

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BNA_G

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BH-20-12-15FT

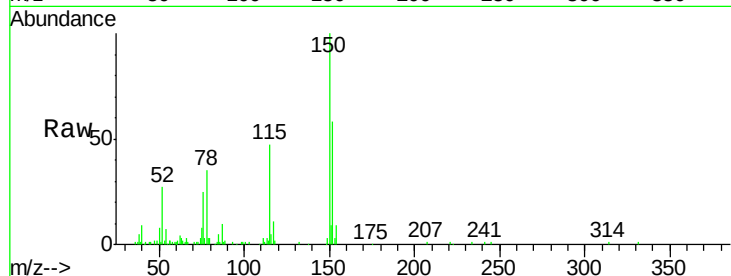
Tgt Ion:152 Resp: 37664

Ion Ratio Lower Upper

152 100

150 172.8 144.7 217.1

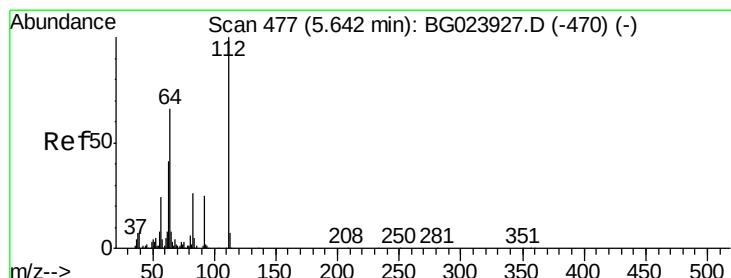
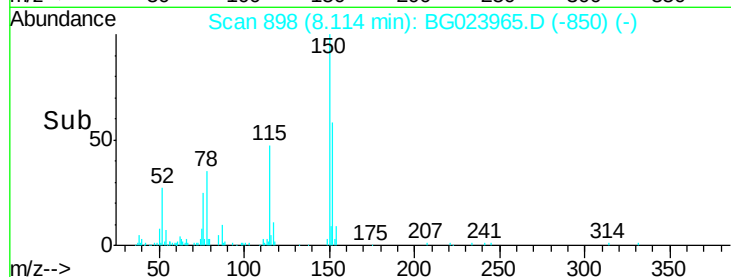
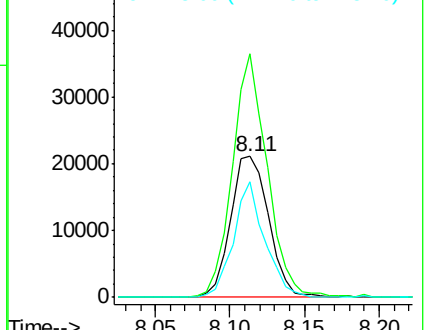
115 81.8 64.0 96.0



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: 168.14 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

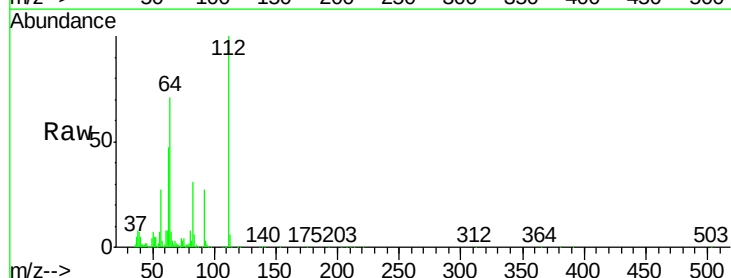
Tgt Ion:112 Resp: 360699

Ion Ratio Lower Upper

112 100

64 71.2 59.0 88.4

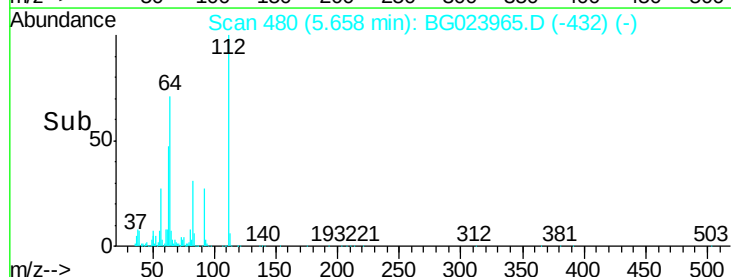
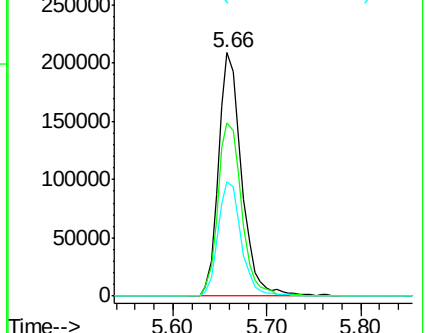
63 46.8 37.8 56.8

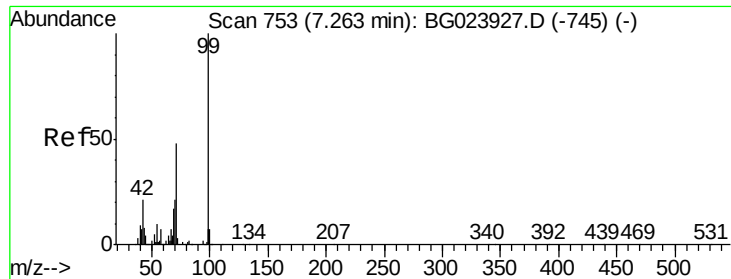


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 173.64 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Instrument :

BNA_G

ClientSampleId :

BH-20-12-15FT

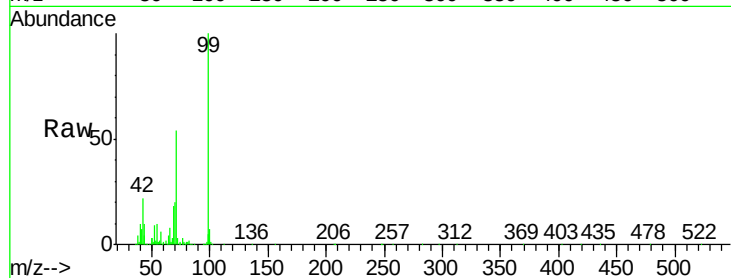
Tgt Ion: 99 Resp: 573395

Ion Ratio Lower Upper

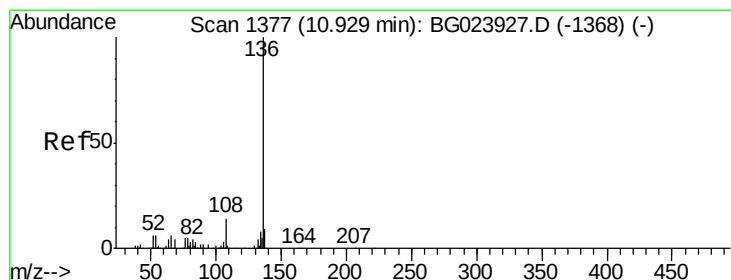
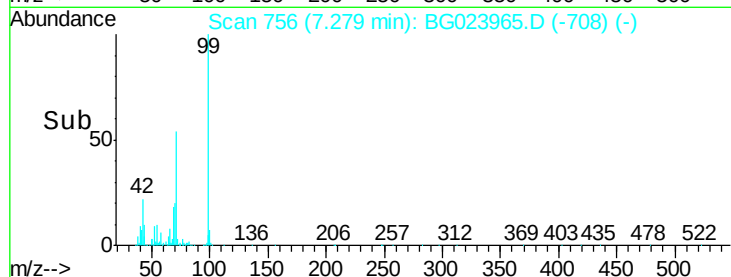
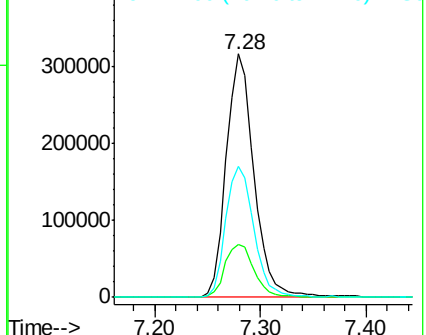
99 100

42 21.6 17.8 26.6

71 53.9 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: 10.95 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Tgt Ion: 136 Resp: 172045

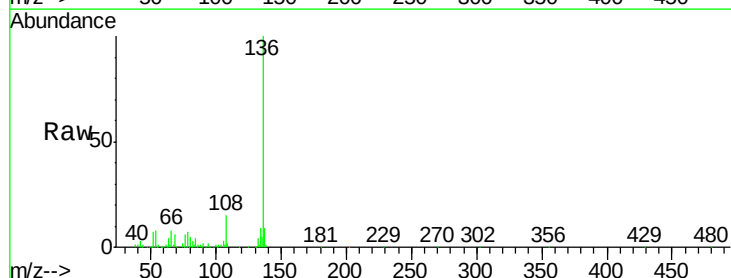
Ion Ratio Lower Upper

136 100

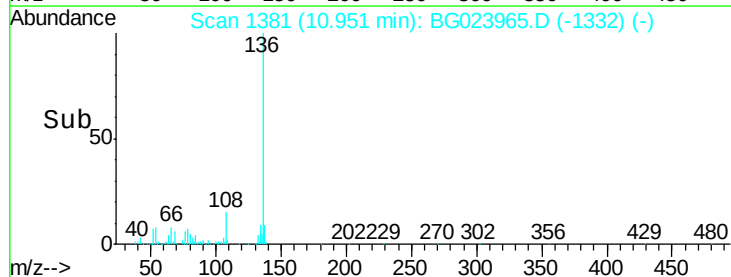
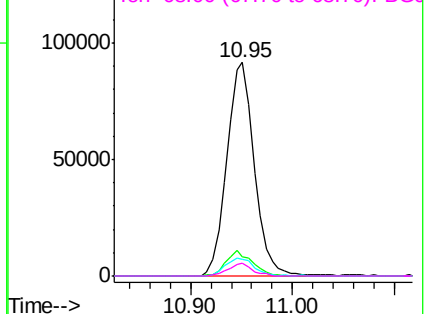
137 9.2 9.6 14.4#

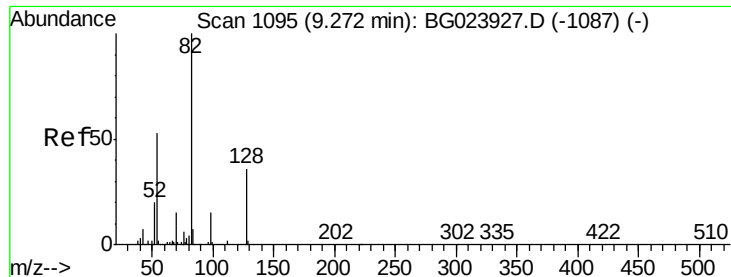
54 7.9 7.3 10.9

68 6.0 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

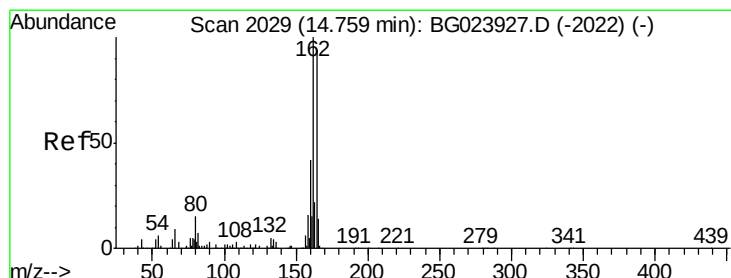
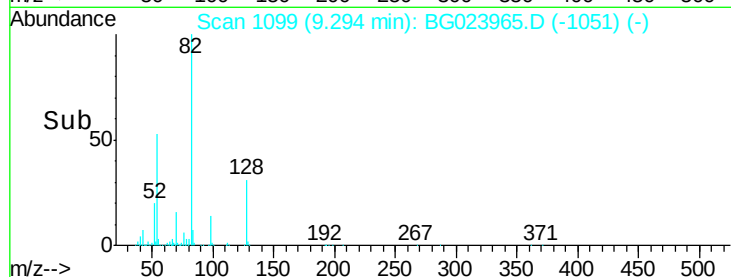
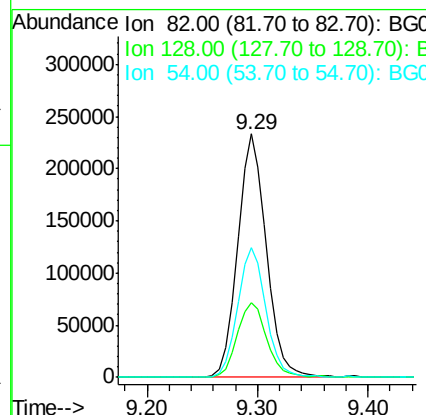
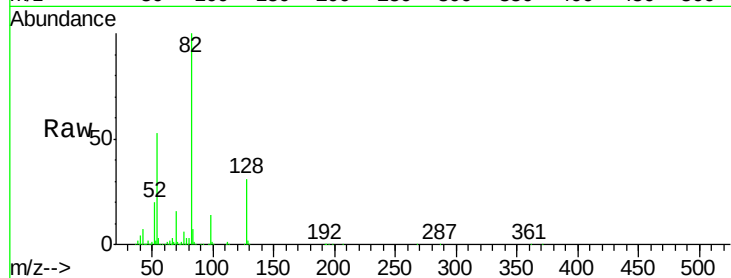




#23
 Nitrobenzene-d5
 Concen: 110.12 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BG023965.D
 Acq: 8 Sep 2016 12:08

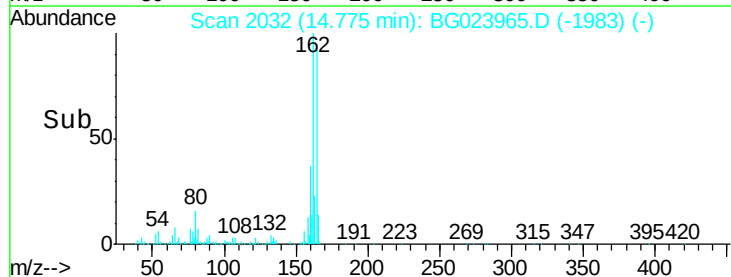
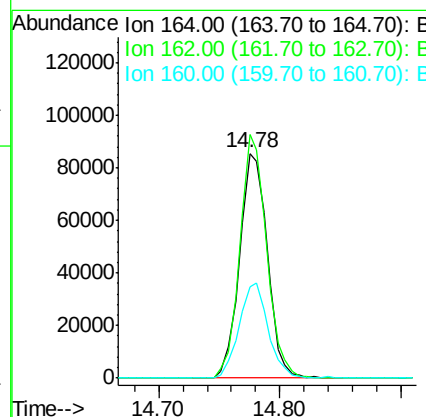
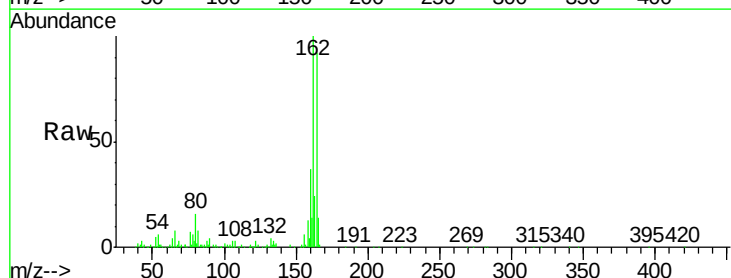
Instrument :
 BNA_G
 ClientSampleId :
 BH-20-12-15FT

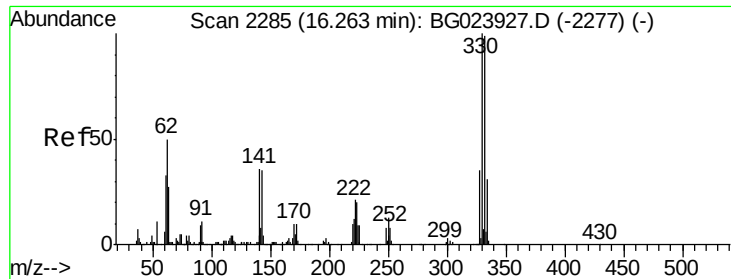
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.8	24.4	36.6
54	53.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG023965.D
 Acq: 8 Sep 2016 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	87.7	131.5
160	40.4	37.2	55.8

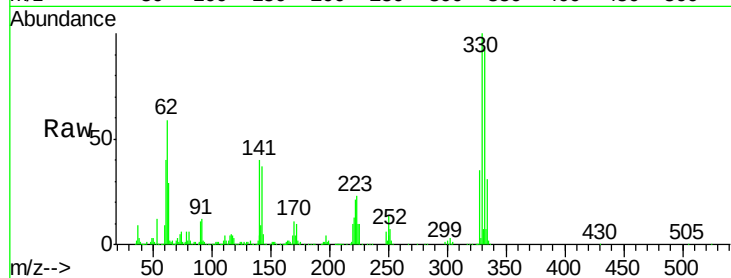




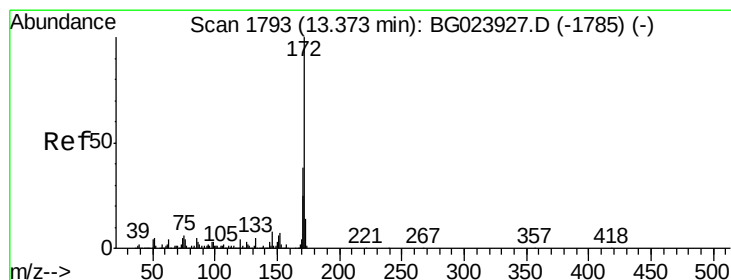
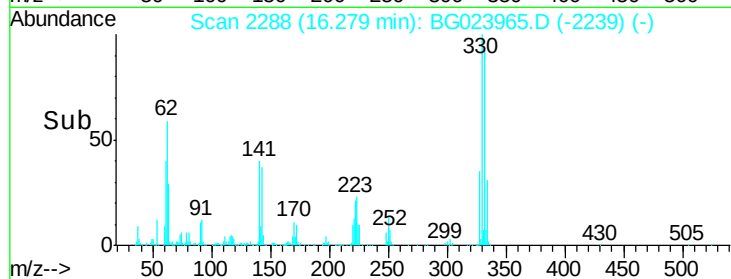
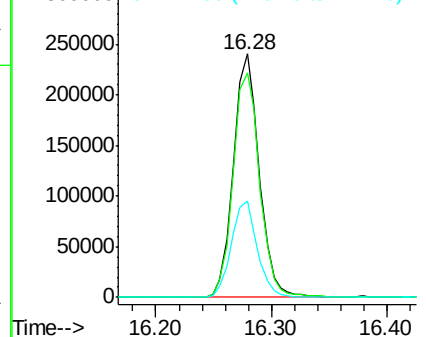
#41
 2,4,6-Tribromophenol
 Concen: 150.79 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG023965.D
 Acq: 8 Sep 2016 12:08

Instrument :
 BNA_G
 ClientSampleId :
 BH-20-12-15FT

Tgt Ion:330 Resp: 372177
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 39.8 31.7 47.5

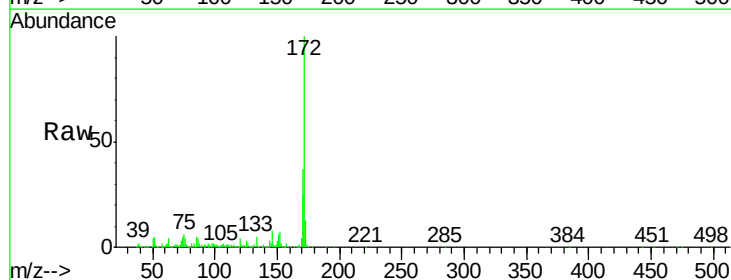


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

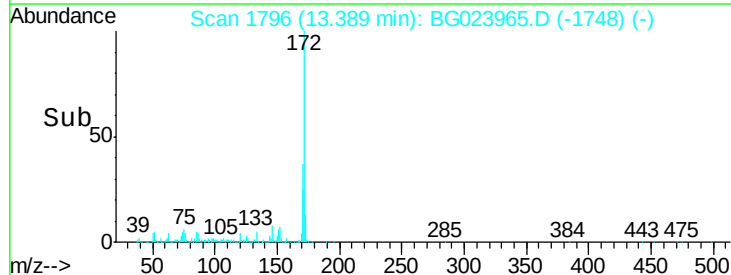
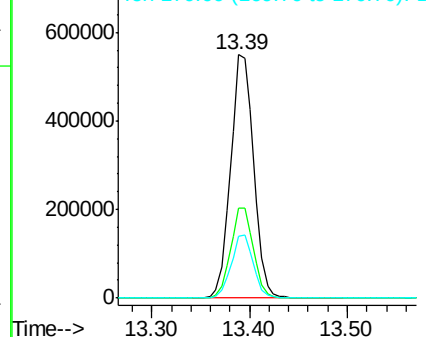


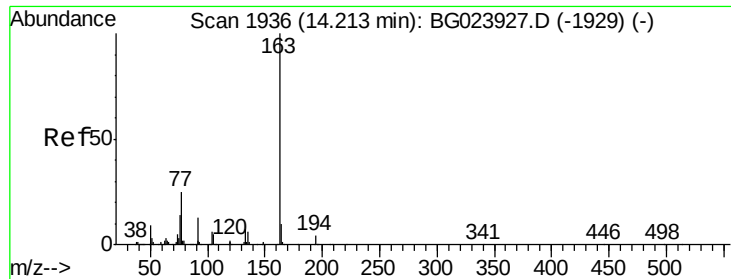
#44
 2-Fluorobiphenyl
 Concen: 93.77 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG023965.D
 Acq: 8 Sep 2016 12:08

Tgt Ion:172 Resp: 895966
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.6 47.4
 170 25.2 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: 48.69 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Instrument :

BNA_G

ClientSampleId :

BH-20-12-15FT

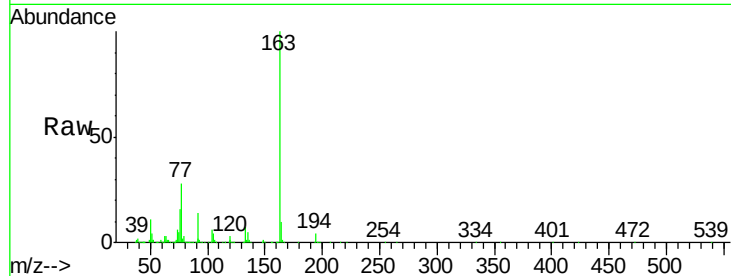
Tgt Ion:163 Resp: 571921

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

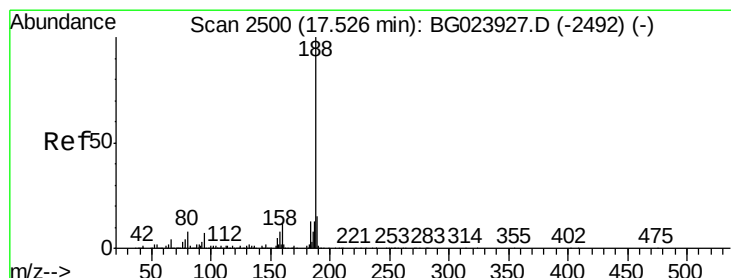
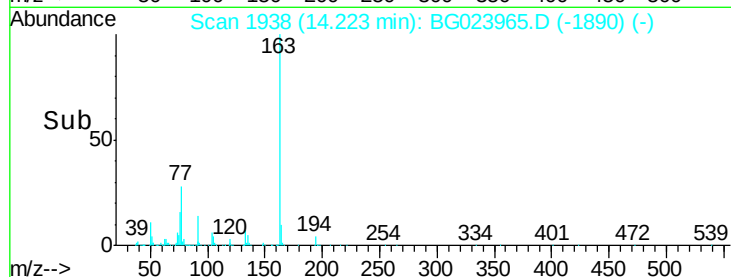
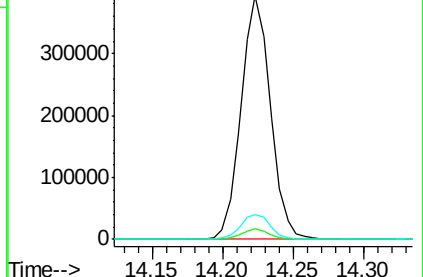
164 10.4 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

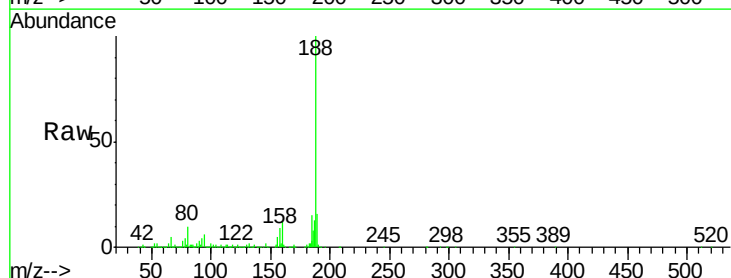
Tgt Ion:188 Resp: 362175

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

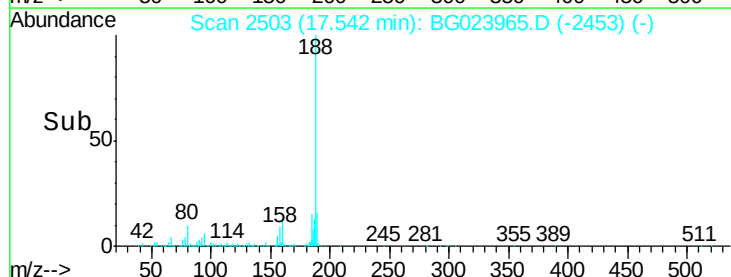
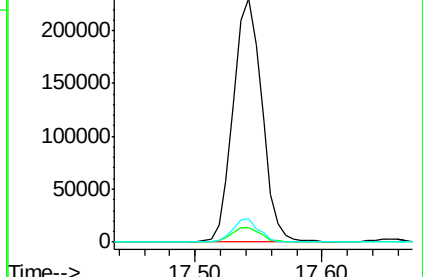
80 9.7 7.2 10.8

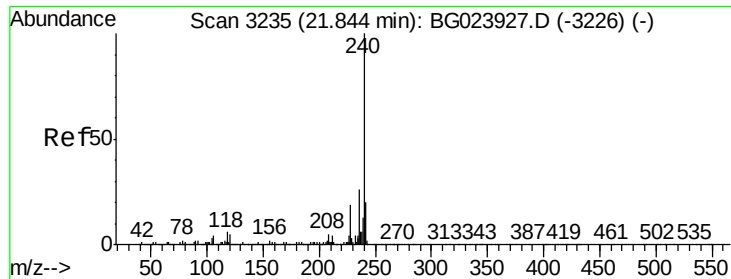


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

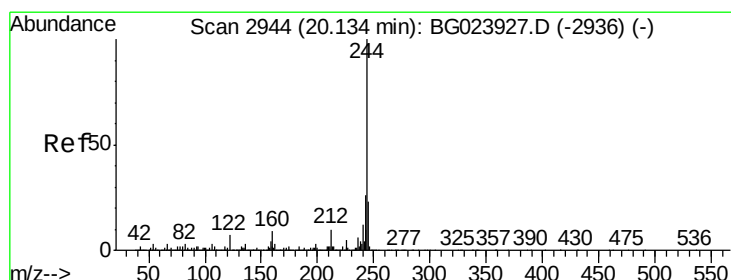
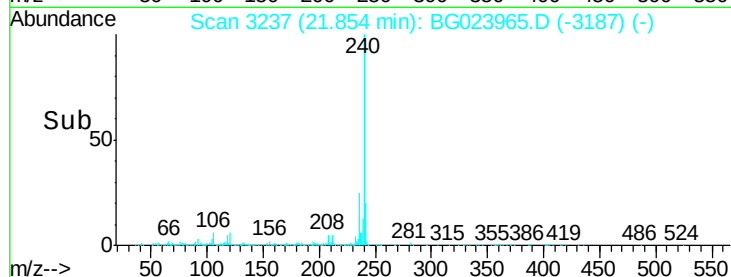
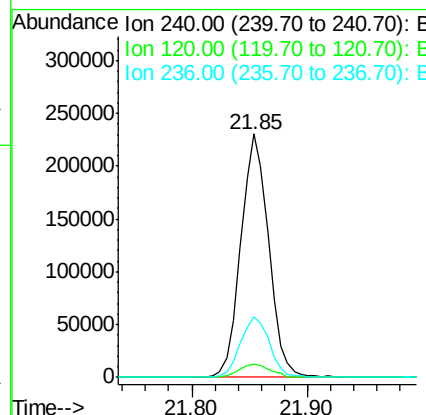
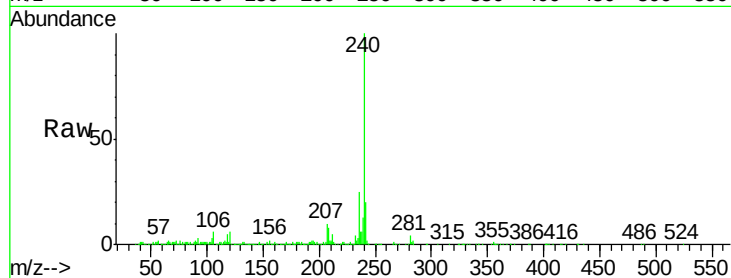




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG023965.D
Acq: 8 Sep 2016 12:08

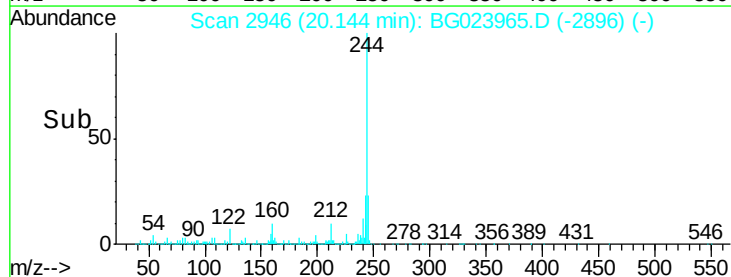
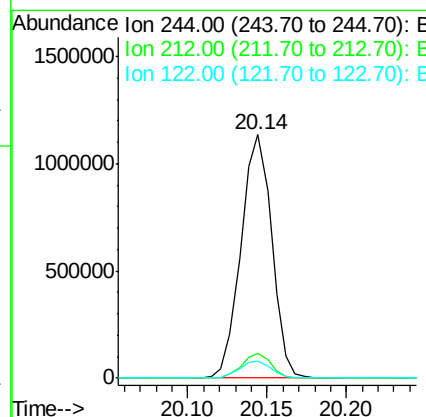
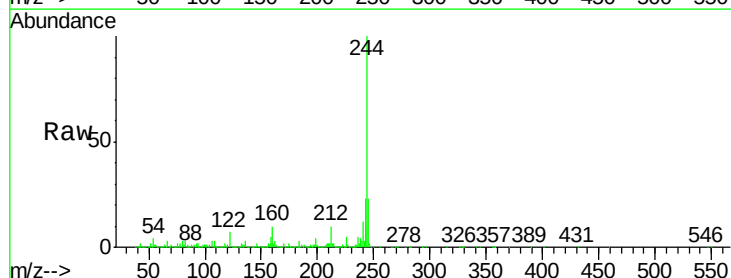
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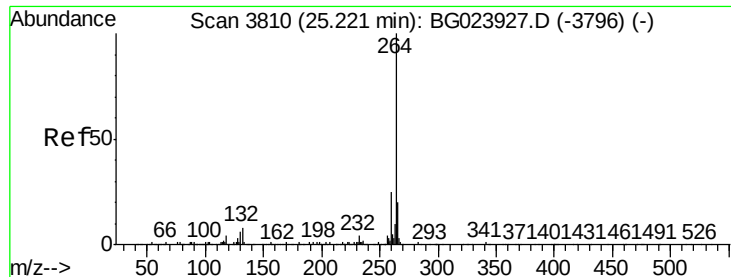
Tgt Ion:240 Resp: 382403
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 24.7 21.1 31.7



#78
Terphenyl-d14
Concen: 91.13 ng
RT: 20.14 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG023965.D
Acq: 8 Sep 2016 12:08

Tgt Ion:244 Resp: 1530122
Ion Ratio Lower Upper
244 100
212 10.2 10.8 16.2#
122 6.8 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3814
Delta R.T. -0.01 min
Lab File: BG023965.D
Acq: 8 Sep 2016 12:08

Instrument :
BNA_G
ClientSampleId :
BH-20-12-15FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	23.2	18.9	28.3

