

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022293.D
 Acq On : 10 Jun 2016 18:23
 Operator : UM/SJ
 Sample : H3448-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6-VE-PILE-WALL(0-2)

Quant Time: Jun 10 23:00:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

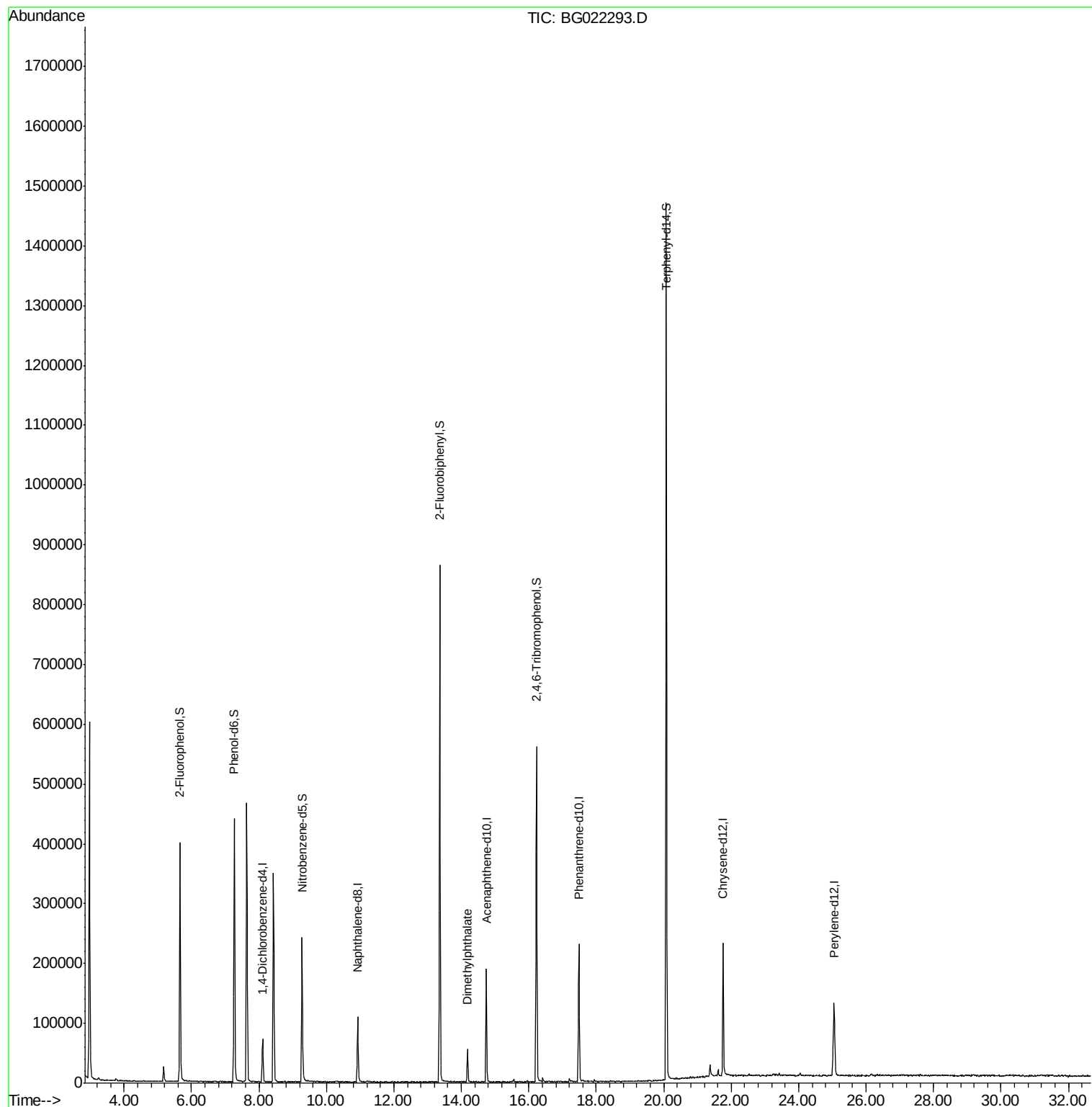
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	26588	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	123100	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	74067	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	164178	20.00	ng	0.00
75) Chrysene-d12	21.76	240	148686	20.00	ng	-0.01
86) Perylene-d12	25.05	264	134763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	252275	183.45	ng	0.00
7) Phenol-d6	7.27	99	368490	170.43	ng	0.00
23) Nitrobenzene-d5	9.28	82	195917	110.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	117353	140.22	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	486581	100.12	ng	0.00
78) Terphenyl-d14	20.08	244	671787	107.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	46738	7.61	ng	Qvalue 99

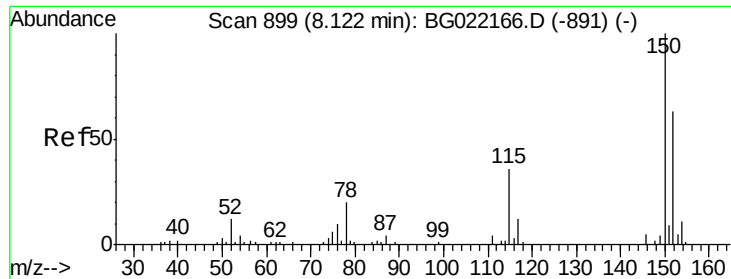
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG022293.D

Acq: 10 Jun 2016 18:23

Instrument :

BNA_G

ClientSampleId :

6-VE-PILE-WALL(0-2)

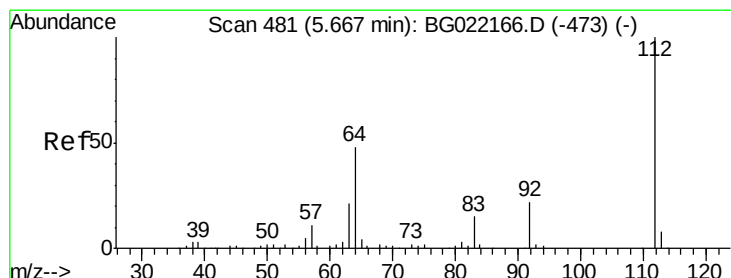
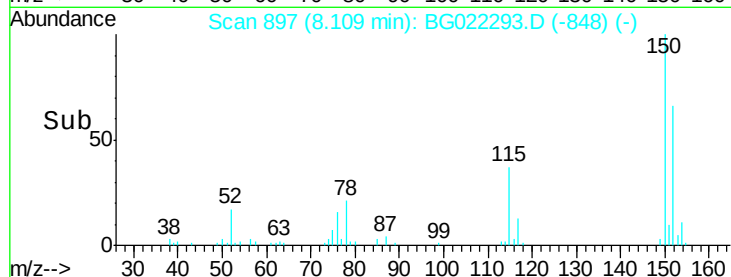
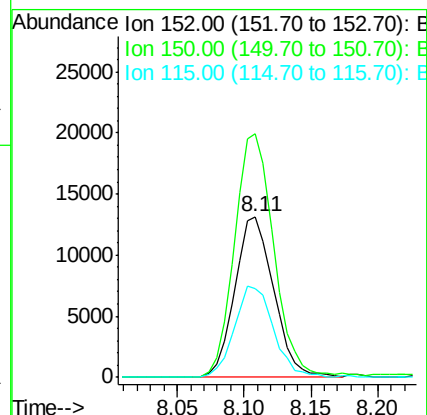
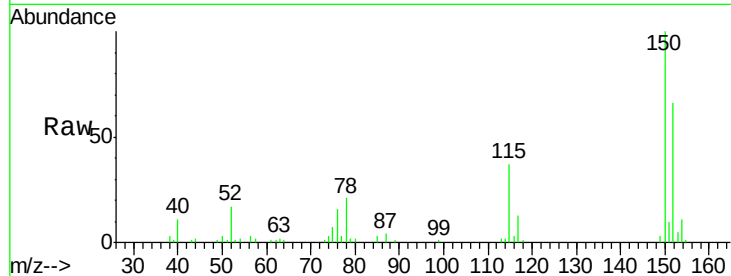
Tgt Ion:152 Resp: 26588

Ion Ratio Lower Upper

152 100

150 151.5 130.1 195.1

115 55.4 62.2 93.2#



#5

2-Fluorophenol

Concen: 183.45 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG022293.D

Acq: 10 Jun 2016 18:23

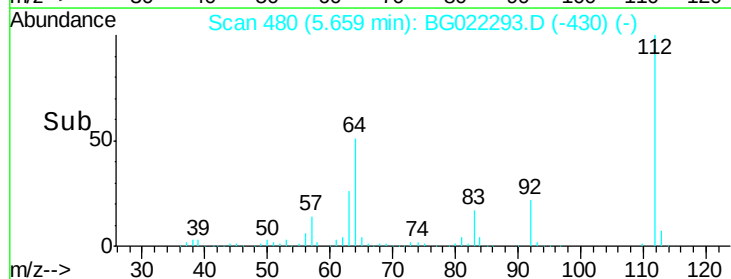
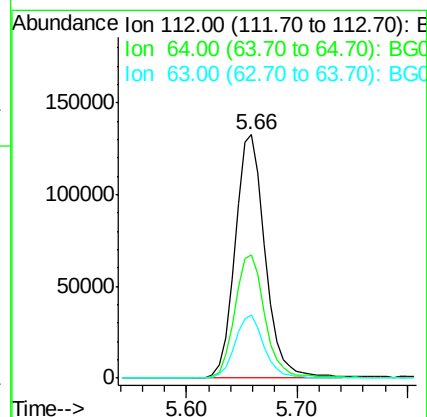
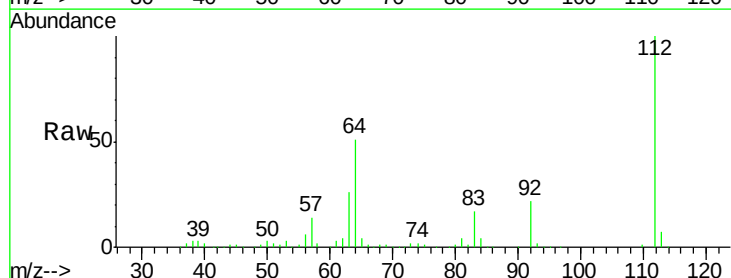
Tgt Ion:112 Resp: 252275

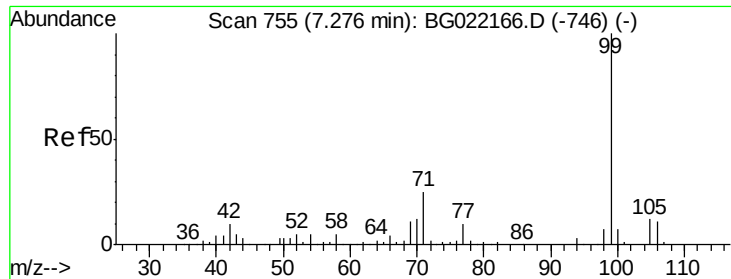
Ion Ratio Lower Upper

112 100

64 50.8 51.1 76.7#

63 25.9 24.6 37.0





#7

Phenol-d6

Concen: 170.43 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022293.D

Acq: 10 Jun 2016 18:23

Instrument :

BNA_G

ClientSampleId :

6-VE-PILE-WALL(0-2)

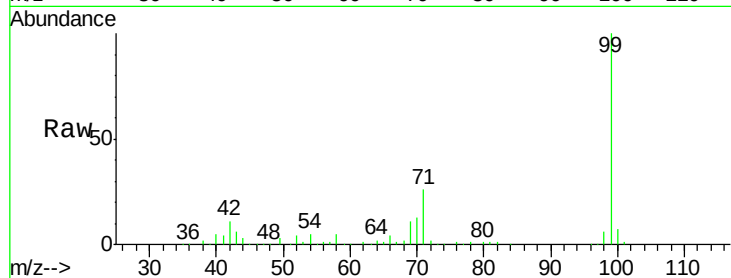
Tgt Ion: 99 Resp: 368490

Ion Ratio Lower Upper

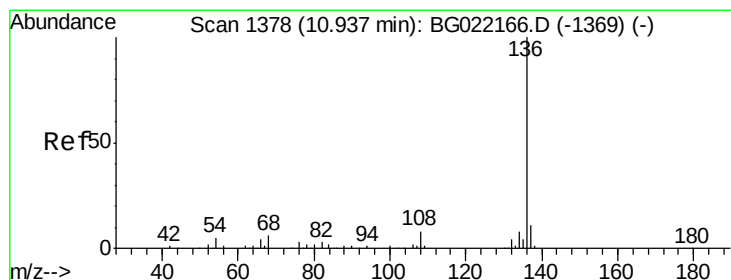
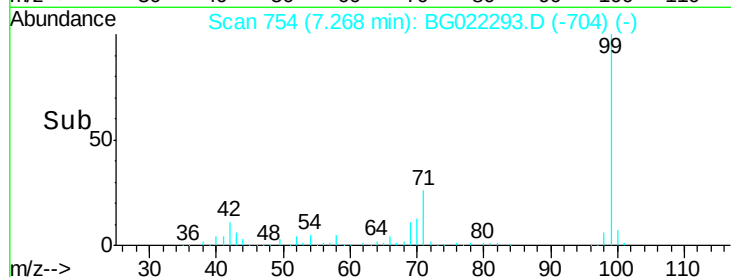
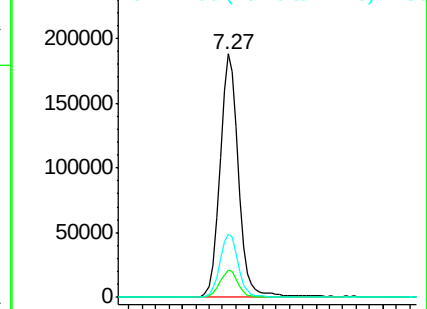
99 100

42 11.0 16.4 24.6#

71 25.9 25.0 37.4



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: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG022293.D

Acq: 10 Jun 2016 18:23

Tgt Ion: 136 Resp: 123100

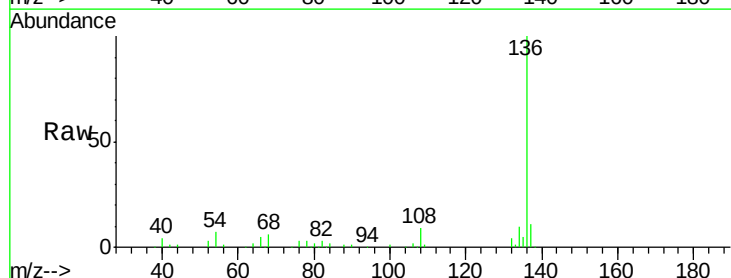
Ion Ratio Lower Upper

136 100

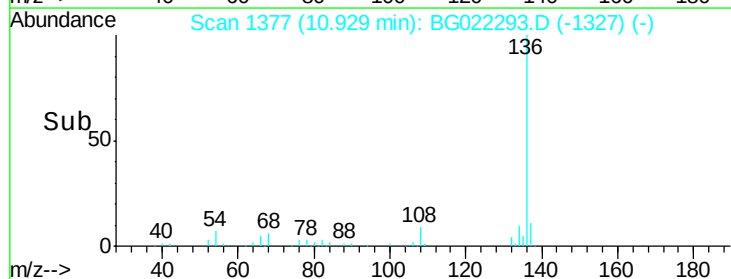
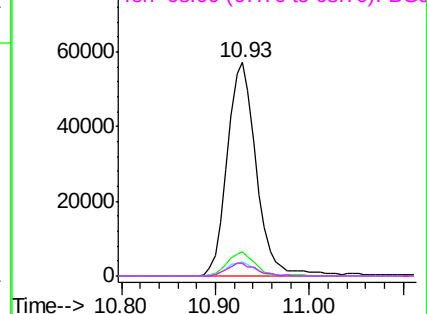
137 11.3 9.0 13.4

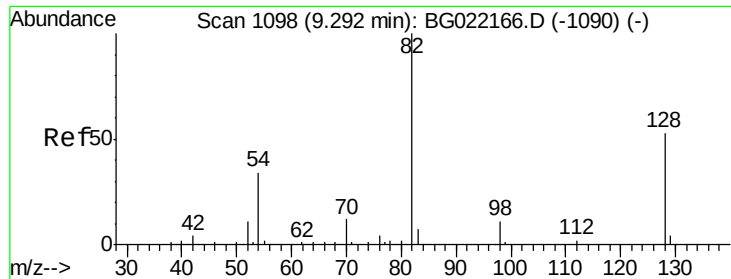
54 6.9 9.6 14.4#

68 6.3 6.4 9.6#



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

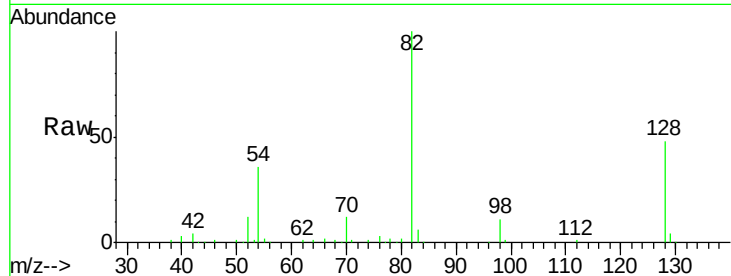




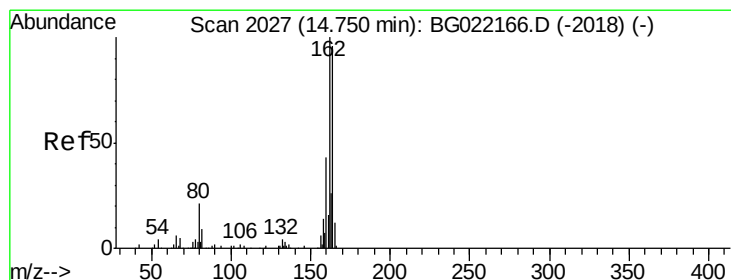
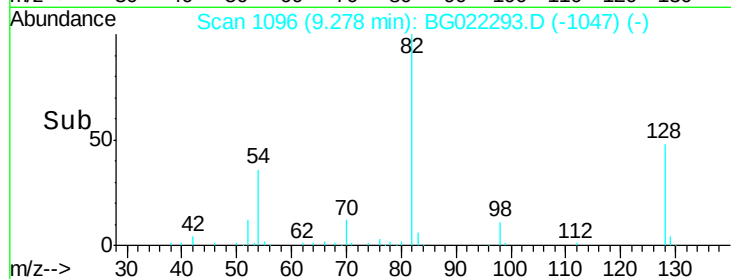
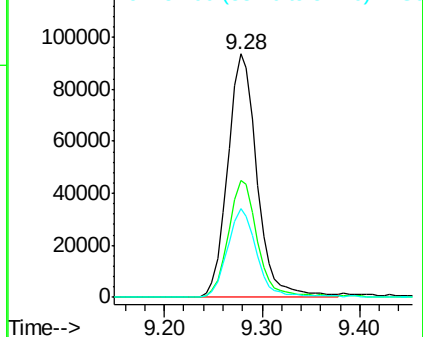
#23
Nitrobenzene-d5
Concen: 110.96 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG022293.D
Acq: 10 Jun 2016 18:23

Instrument :
BNA_G
ClientSampleId :
6-VE-PILE-WALL(0-2)

Tgt Ion: 82 Resp: 195917
Ion Ratio Lower Upper
82 100
128 47.9 33.4 50.0
54 36.3 46.1 69.1#

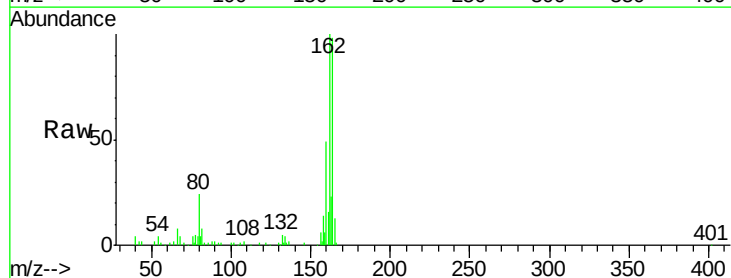


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

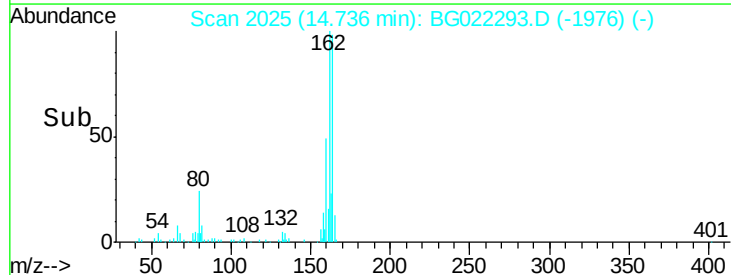
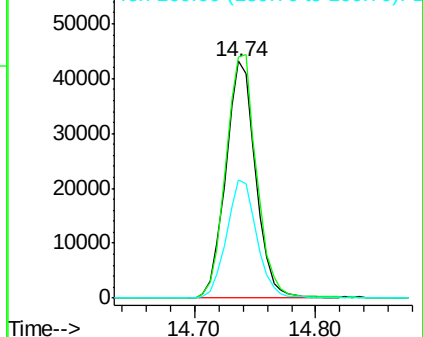


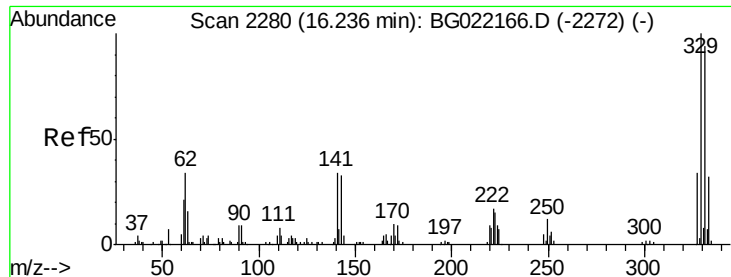
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG022293.D
Acq: 10 Jun 2016 18:23

Tgt Ion: 164 Resp: 74067
Ion Ratio Lower Upper
164 100
162 101.8 78.0 117.0
160 50.0 32.9 49.3#



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

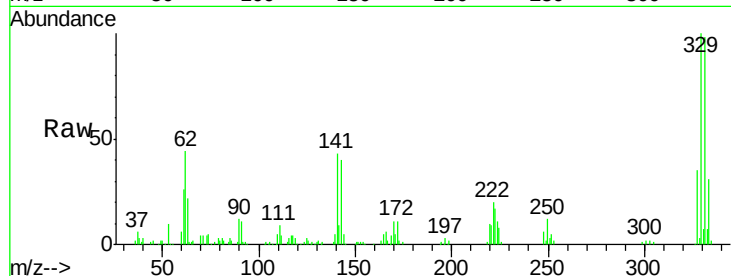




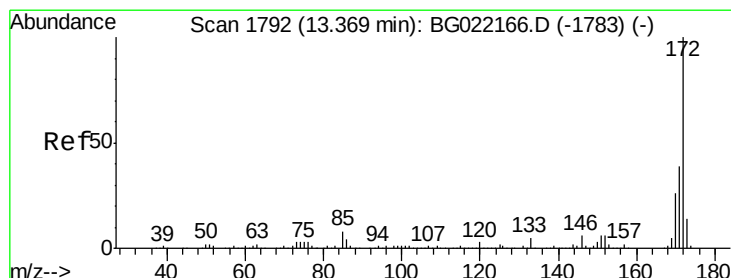
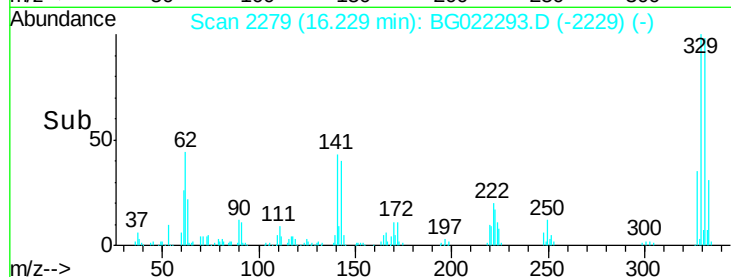
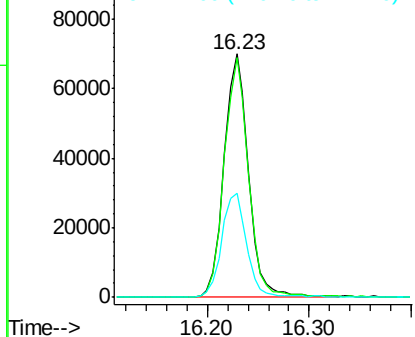
#41
 2,4,6-Tribromophenol
 Concen: 140.22 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022293.D
 Acq: 10 Jun 2016 18:23

Instrument :
 BNA_G
 ClientSampleId :
 6-VE-PILE-WALL(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.0	117.0
141	43.6	33.8	50.8

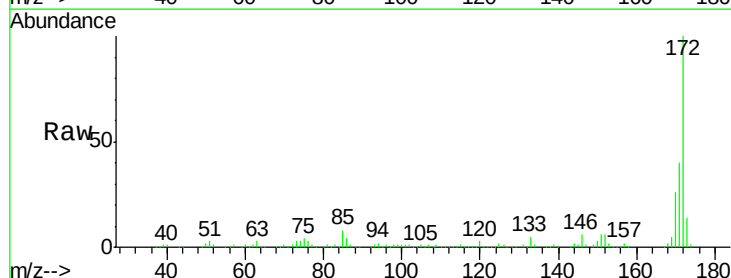


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

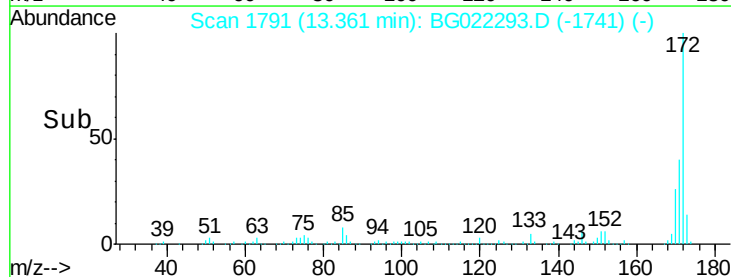
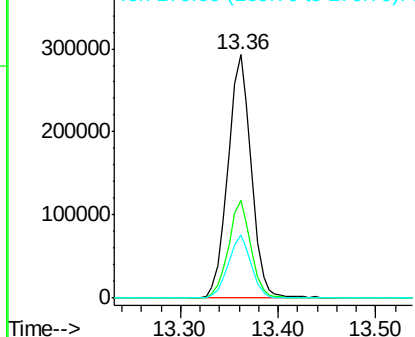


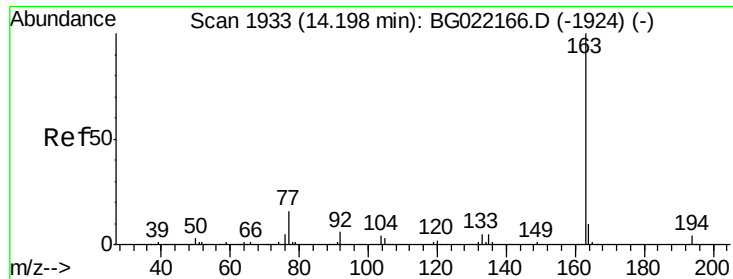
#44
 2-Fluorobiphenyl
 Concen: 100.12 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022293.D
 Acq: 10 Jun 2016 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	27.8	41.6
170	26.1	19.6	29.4



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

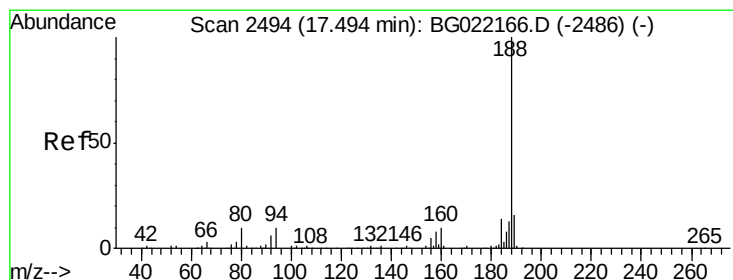
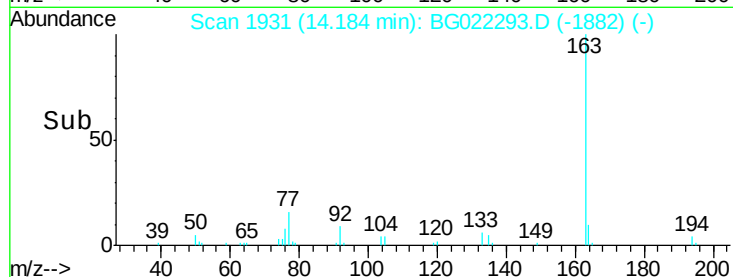
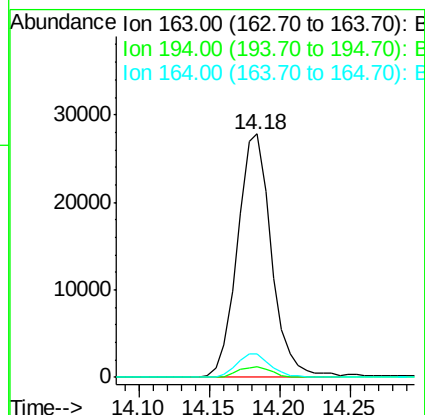
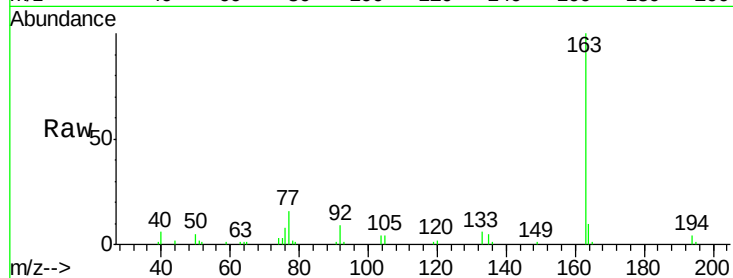




#49
Dimethylphthalate
Concen: 7.61 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG022293.D
Acq: 10 Jun 2016 18:23

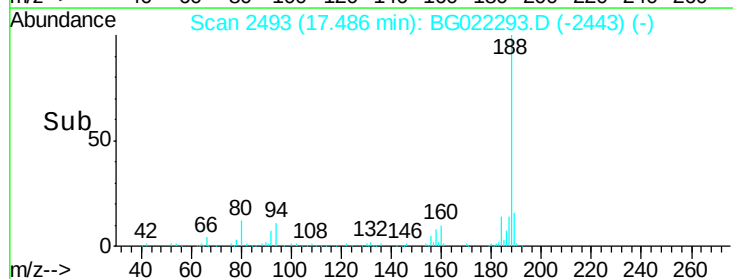
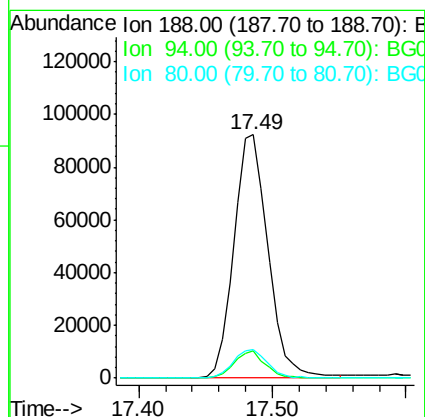
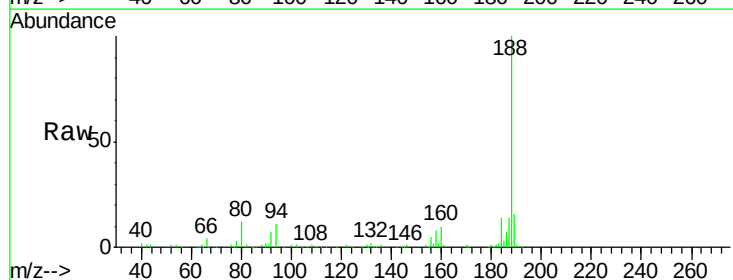
Instrument :
BNA_G
ClientSampleId :
6-VE-PILE-WALL(0-2)

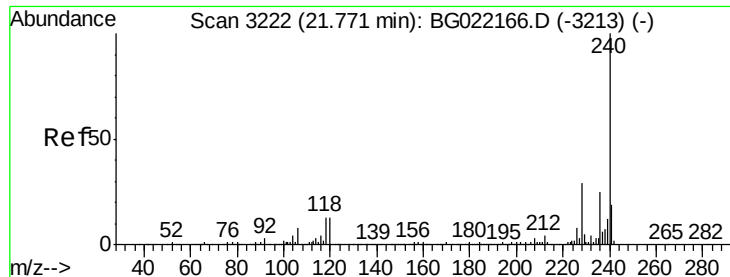
Tgt Ion:163 Resp: 46738
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.6 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG022293.D
Acq: 10 Jun 2016 18:23

Tgt Ion:188 Resp: 164178
Ion Ratio Lower Upper
188 100
94 11.2 7.5 11.3
80 11.7 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022293.D

Acq: 10 Jun 2016 18:23

Instrument :

BNA_G

ClientSampleId :

6-VE-PILE-WALL(0-2)

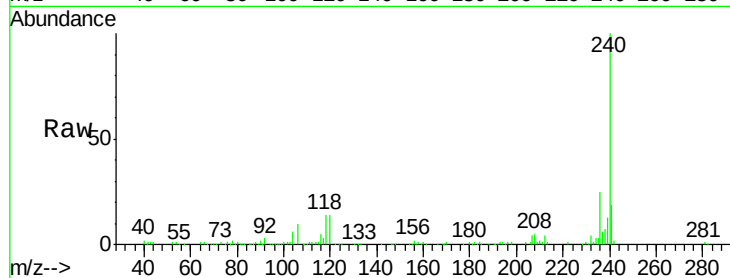
Tgt Ion:240 Resp: 148686

Ion Ratio Lower Upper

240 100

120 14.4 8.4 12.6#

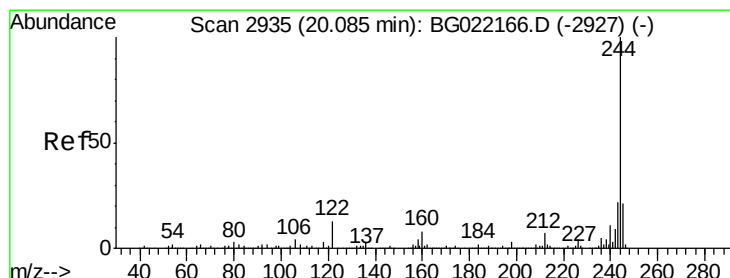
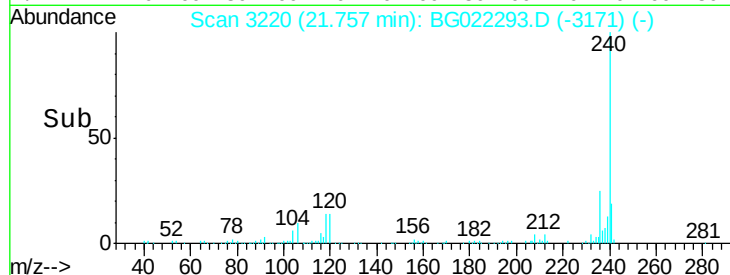
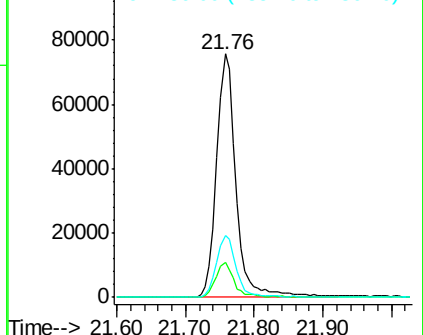
236 25.2 19.6 29.4



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: 107.27 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022293.D

Acq: 10 Jun 2016 18:23

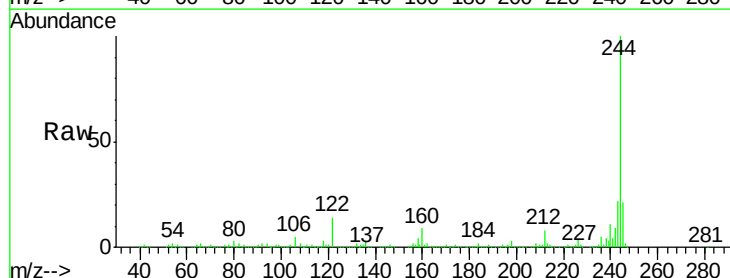
Tgt Ion:244 Resp: 671787

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

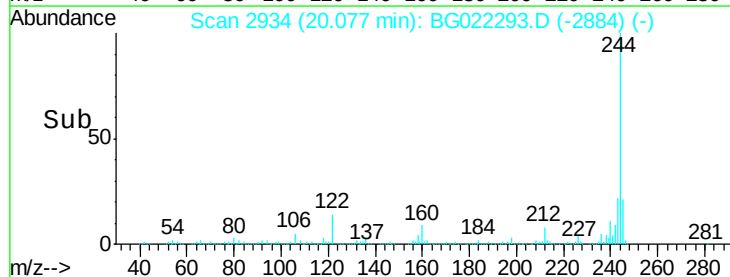
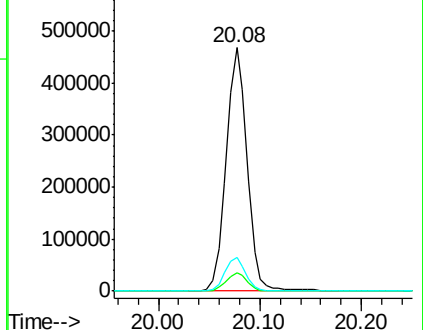
122 13.8 8.6 12.8#

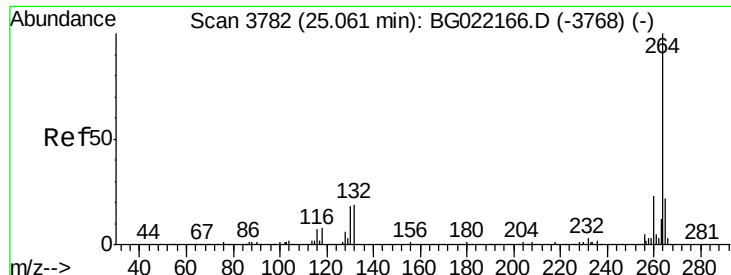


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BG022293.D
Acq: 10 Jun 2016 18:23

Instrument :
BNA_G
ClientSampleId :
6-VE-PILE-WALL(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.4
265	20.3	17.8	26.8

