

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022291.D
 Acq On : 10 Jun 2016 17:03
 Operator : UM/SJ
 Sample : H3448-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 10 22:59:39 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

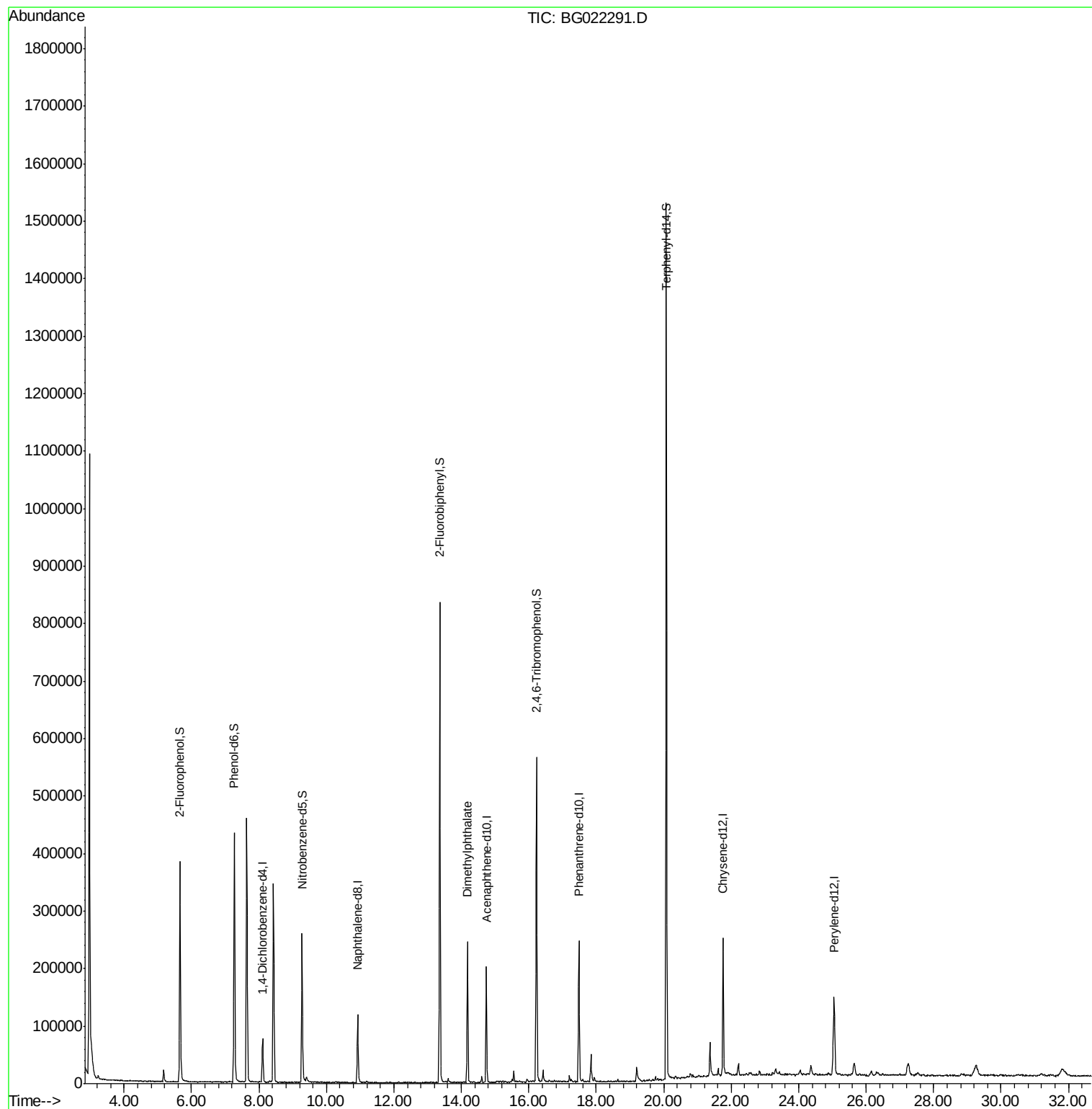
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	28430	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	132638	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	78131	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	171755	20.00	ng	0.00
75) Chrysene-d12	21.76	240	158343	20.00	ng	-0.01
86) Perylene-d12	25.05	264	145670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	255409	173.70	ng	0.00
7) Phenol-d6	7.27	99	372372	161.07	ng	0.00
23) Nitrobenzene-d5	9.28	82	207075	108.84	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	117492	133.08	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	501876	97.89	ng	0.00
78) Terphenyl-d14	20.08	244	694015	104.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	199889	30.86	ng	Qvalue 99

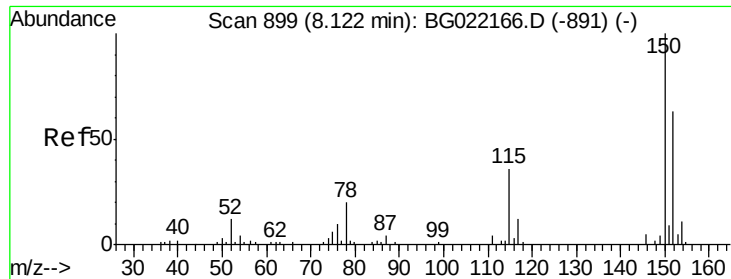
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022291.D

Acq: 10 Jun 2016 17:03

Instrument :

BNA_G

ClientSampleId :

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

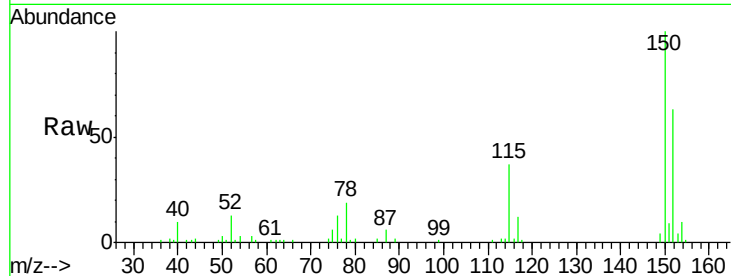
Tgt Ion:152 Resp: 28430

Ion Ratio Lower Upper

152 100

150 160.0 130.1 195.1

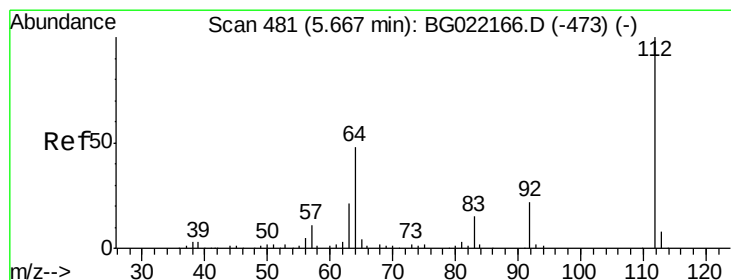
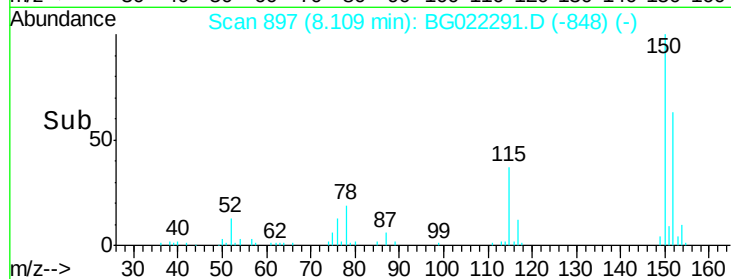
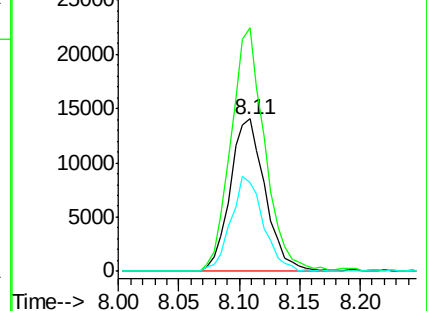
115 58.6 62.2 93.2#



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: 173.70 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

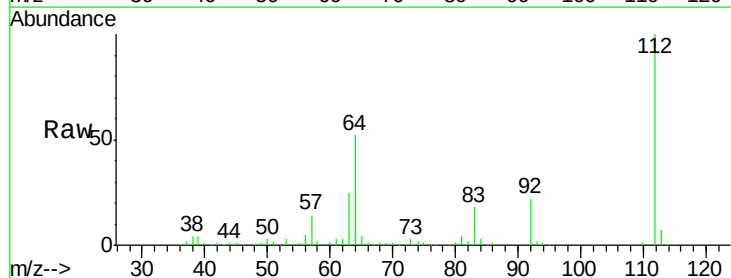
Tgt Ion:112 Resp: 255409

Ion Ratio Lower Upper

112 100

64 51.5 51.1 76.7

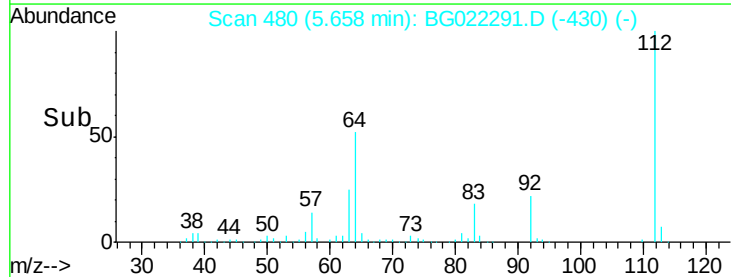
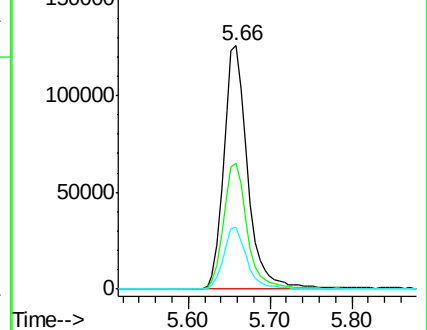
63 25.4 24.6 37.0

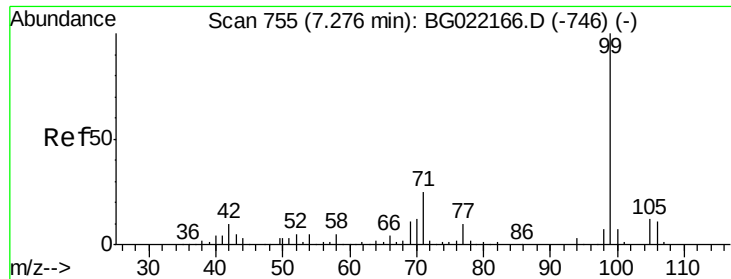


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 161.07 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

Instrument :

BNA_G

ClientSampleId :

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

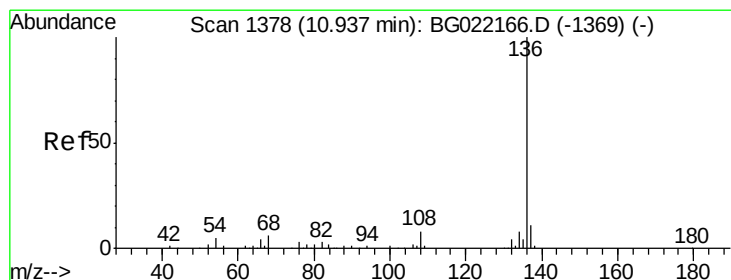
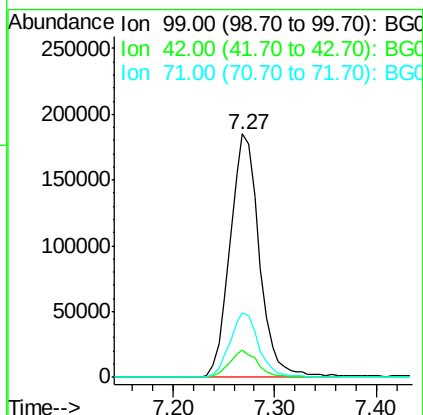
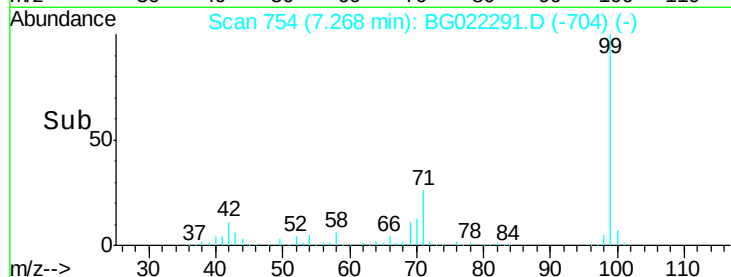
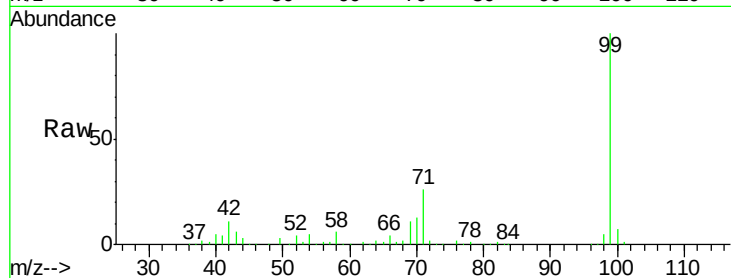
Tgt Ion: 99 Resp: 372372

Ion Ratio Lower Upper

99 100

42 11.2 16.4 24.6#

71 26.3 25.0 37.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

Tgt Ion: 136 Resp: 132638

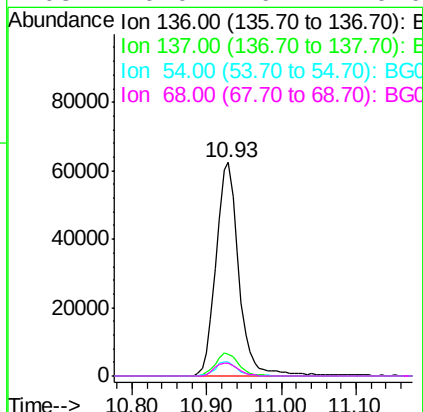
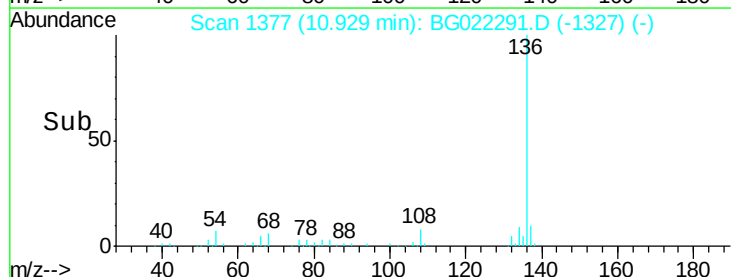
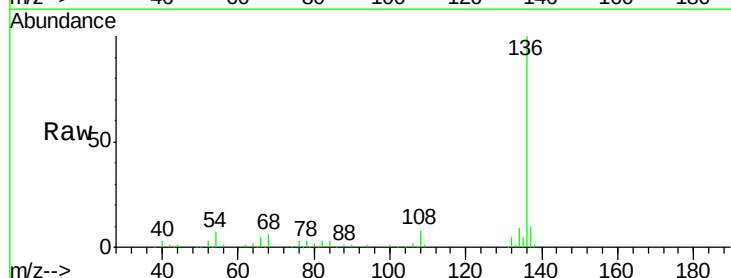
Ion Ratio Lower Upper

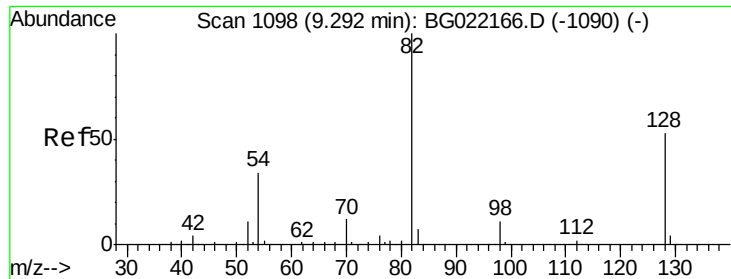
136 100

137 10.3 9.0 13.4

54 6.6 9.6 14.4#

68 6.0 6.4 9.6#

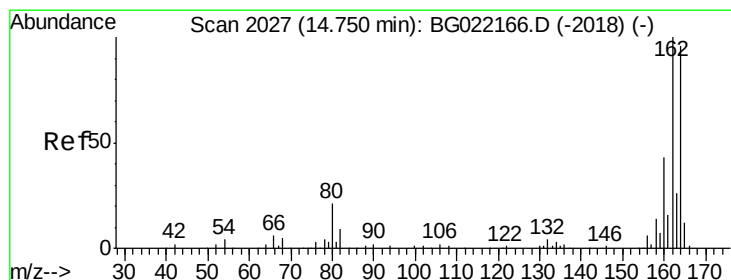
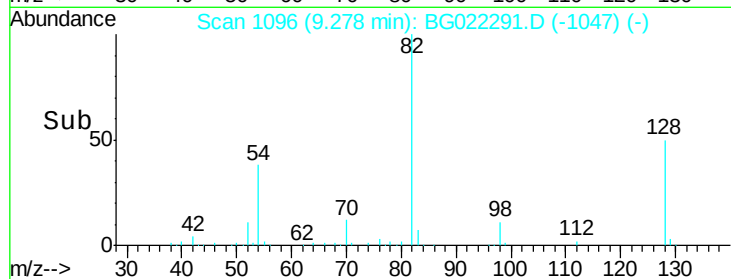
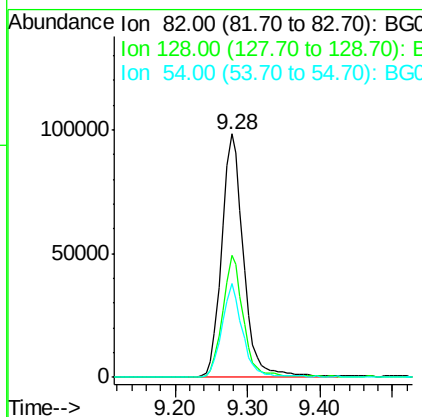
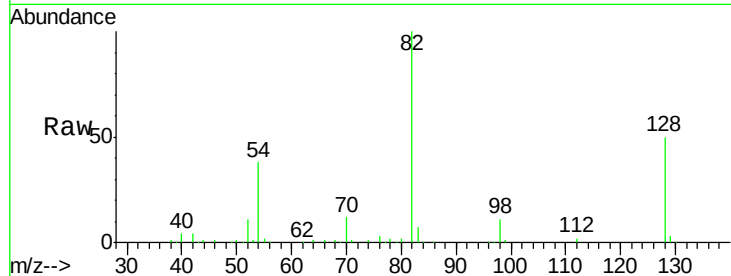




#23
 Nitrobenzene-d5
 Concen: 108.84 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022291.D
 Acq: 10 Jun 2016 17:03

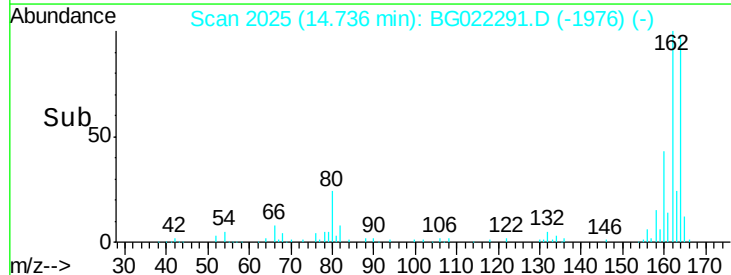
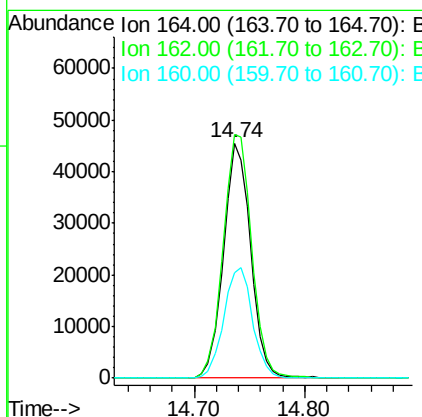
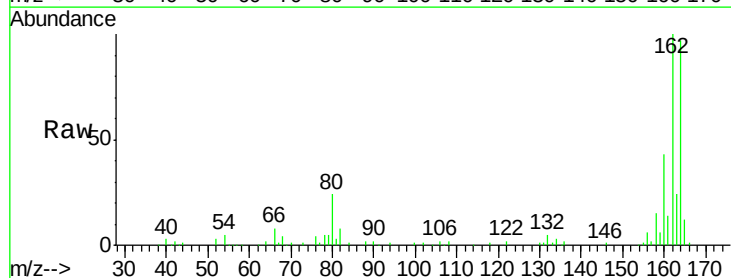
Instrument :
 BNA_G
 ClientSampleId :
 8-VE-PILE-WALL(0-2)

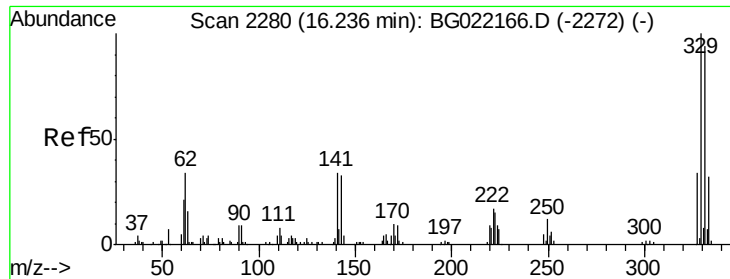
Tgt Ion: 82 Resp: 207075
 Ion Ratio Lower Upper
 82 100
 128 50.1 33.4 50.0#
 54 38.4 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022291.D
 Acq: 10 Jun 2016 17:03

Tgt Ion: 164 Resp: 78131
 Ion Ratio Lower Upper
 164 100
 162 103.5 78.0 117.0
 160 44.6 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 133.08 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

Instrument :

BNA_G

ClientSampleId :

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

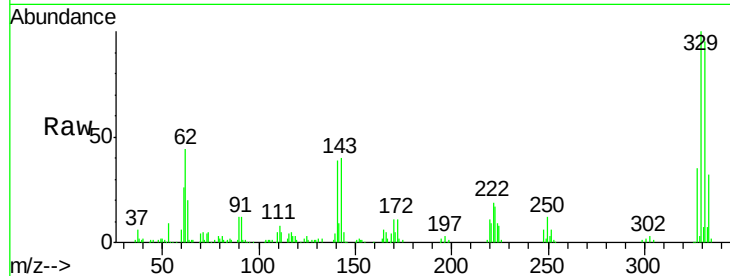
Tgt Ion:330 Resp: 117492

Ion Ratio Lower Upper

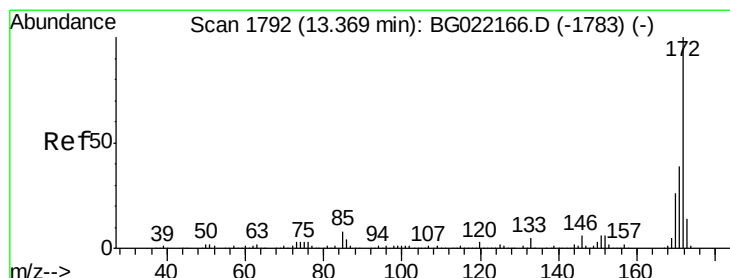
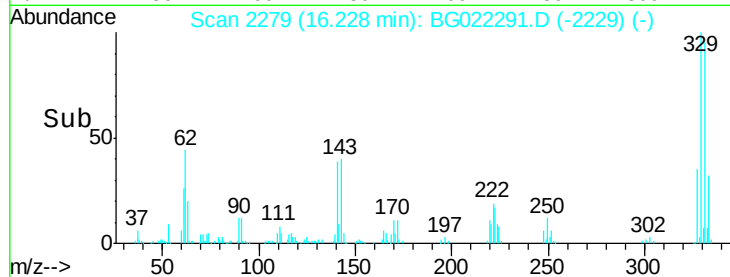
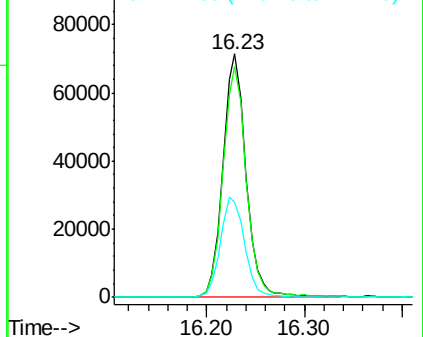
330 100

332 95.8 78.0 117.0

141 43.4 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: 97.89 ng

RT: 13.36 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

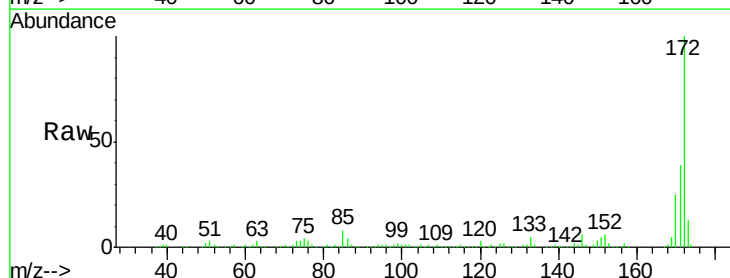
Tgt Ion:172 Resp: 501876

Ion Ratio Lower Upper

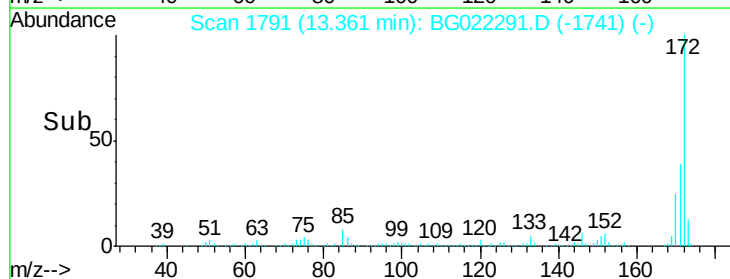
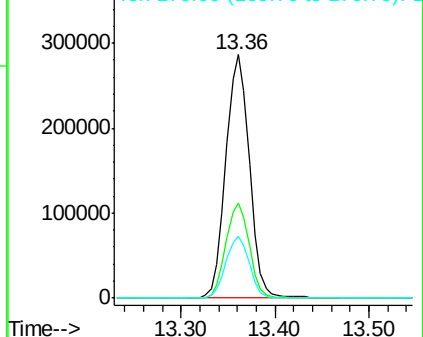
172 100

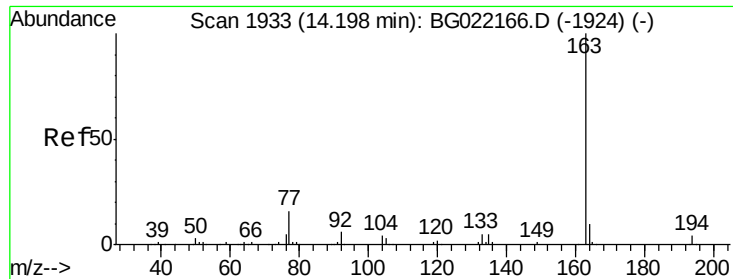
171 38.9 27.8 41.6

170 25.3 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: 30.86 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

Instrument :

BNA_G

ClientSampleId :

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

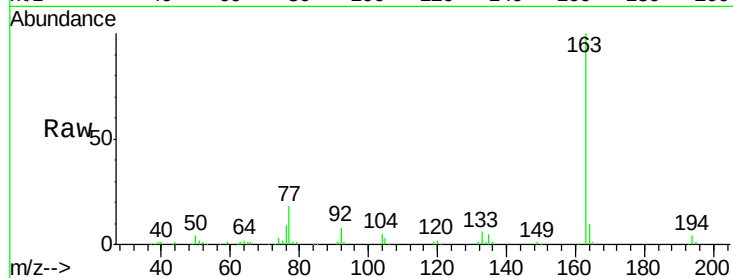
Tgt Ion:163 Resp: 199889

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

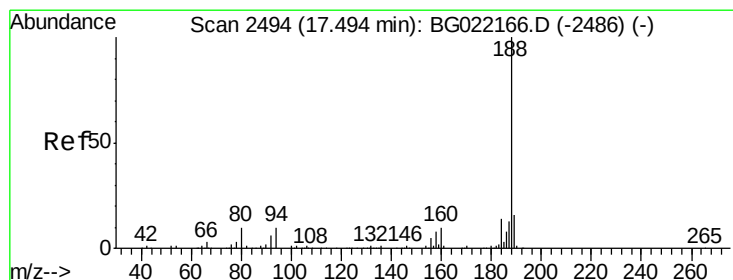
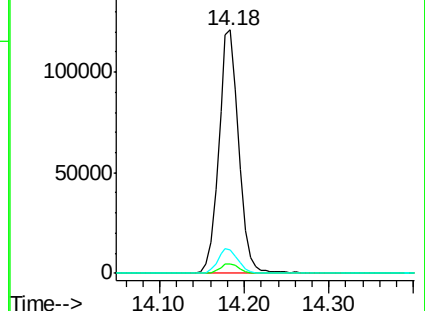
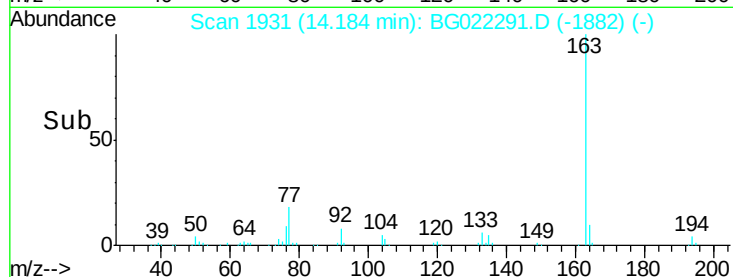
164 9.7 8.1 12.1



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# 2493

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

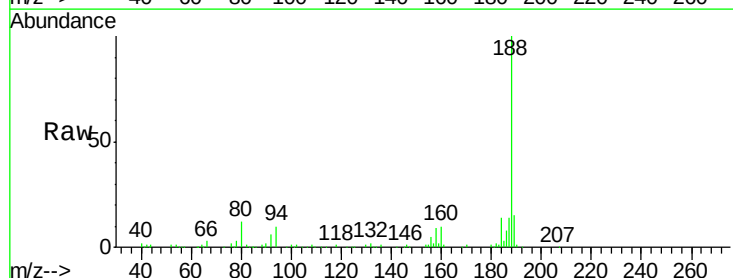
Tgt Ion:188 Resp: 171755

Ion Ratio Lower Upper

188 100

94 10.3 7.5 11.3

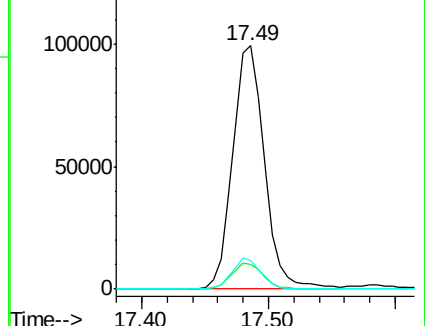
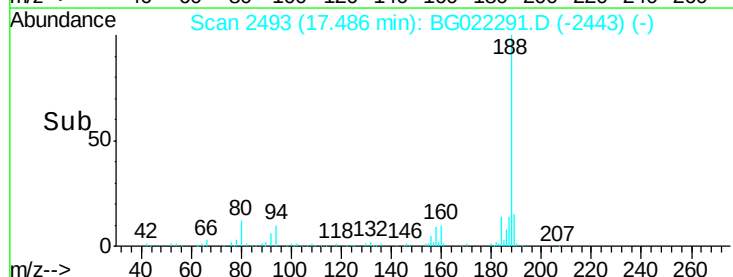
80 11.7 8.6 13.0

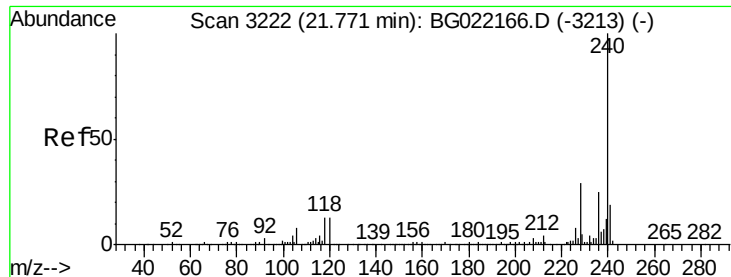


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

Instrument :

BNA_G

ClientSampleId :

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

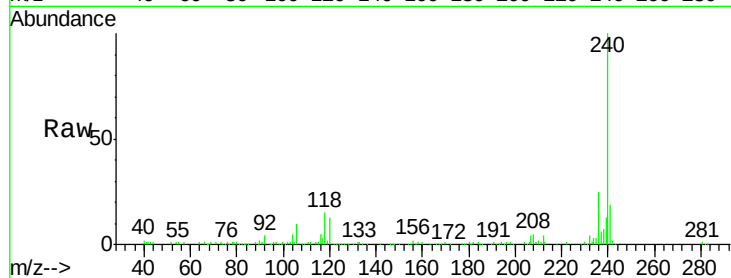
Tgt Ion:240 Resp: 158343

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

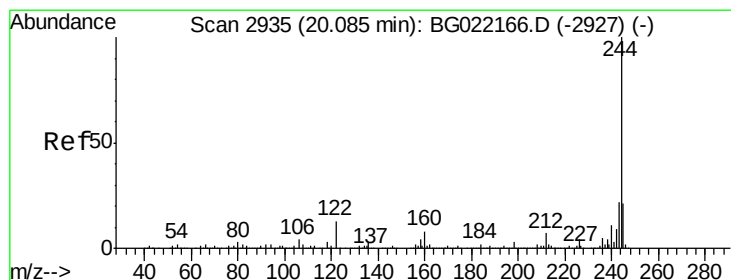
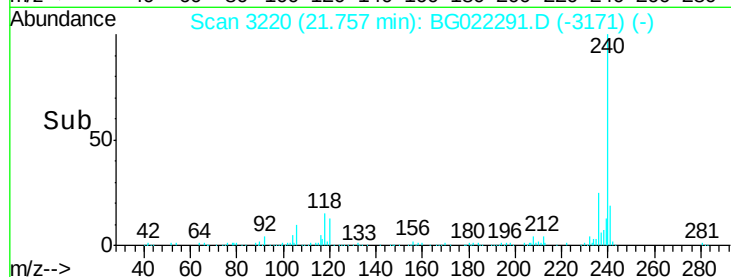
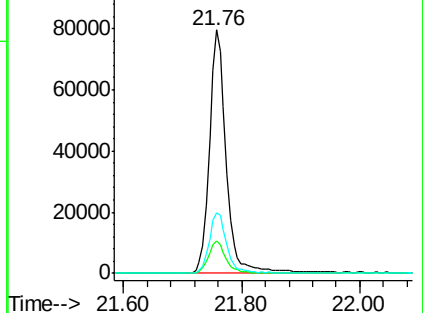
236 24.6 19.6 29.4



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: 104.06 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022291.D

Acq: 10 Jun 2016 17:03

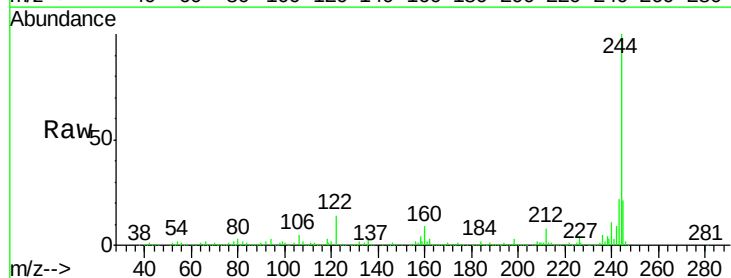
Tgt Ion:244 Resp: 694015

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

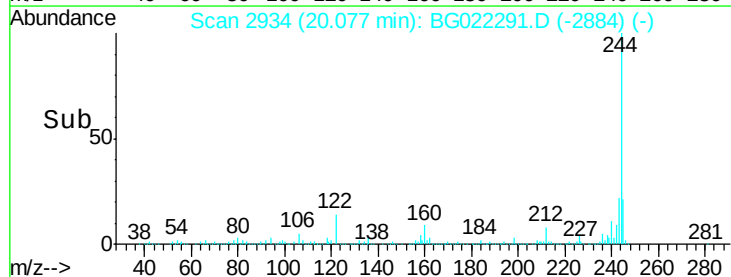
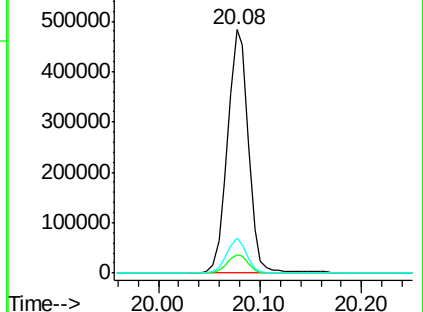
122 14.2 8.6 12.8#

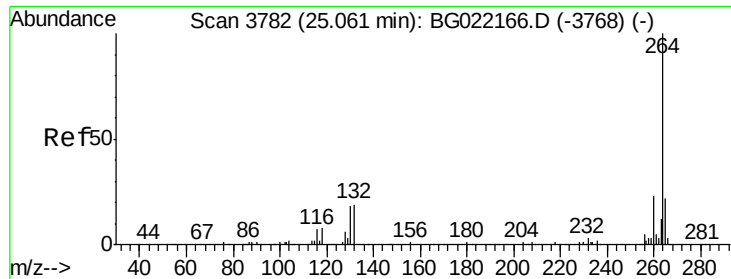


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3780
Delta R.T. -0.01 min
Lab File: BG022291.D
Acq: 10 Jun 2016 17:03

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

Tgt Ion:	264	Resp:	145670
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.4
265	20.7	17.8	26.8

