

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022290.D
 Acq On : 10 Jun 2016 16:23
 Operator : UM/SJ
 Sample : H3438-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

Quant Time: Jun 10 22:59:28 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

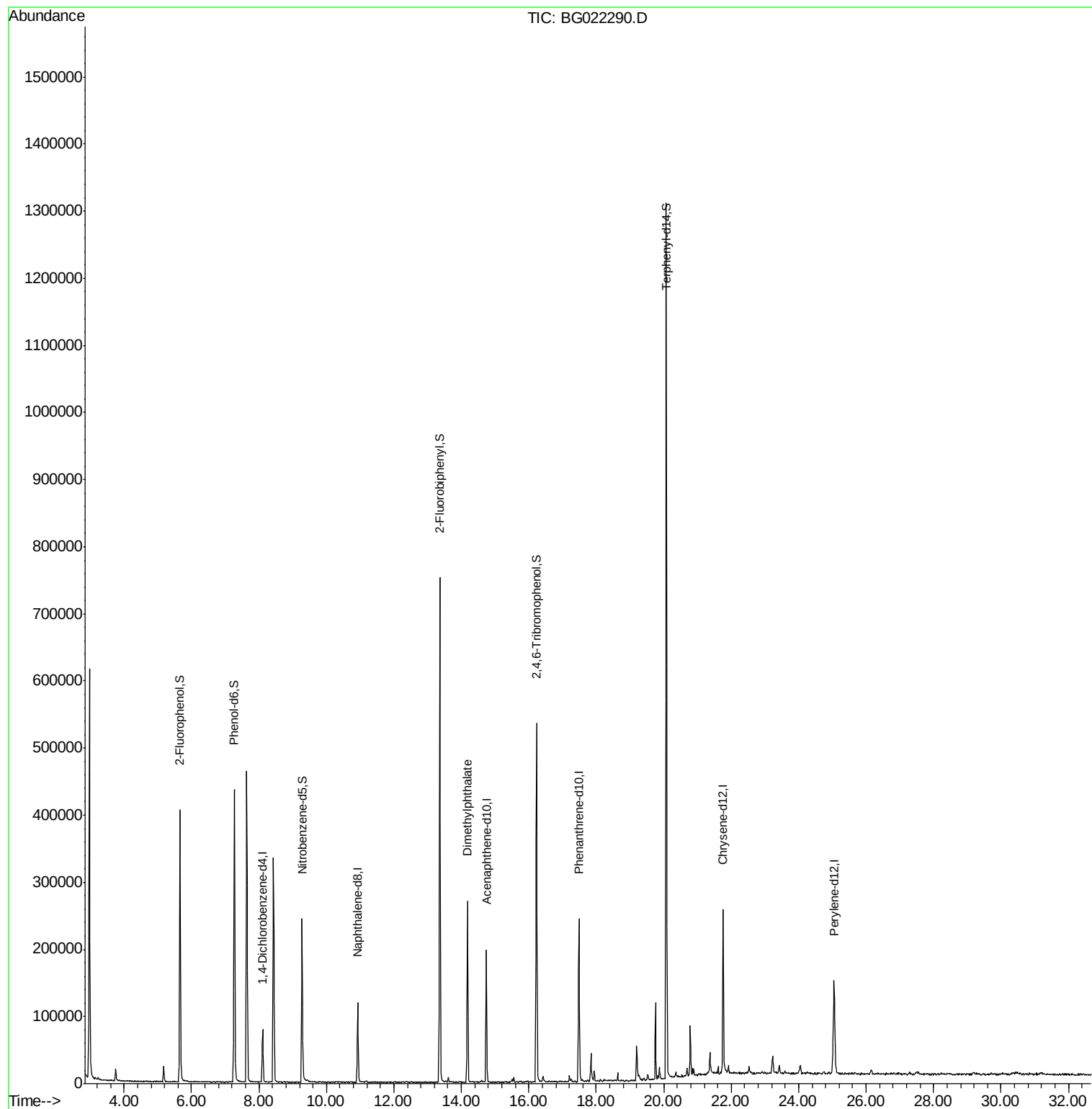
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	28384	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	133105	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	77588	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	170271	20.00	ng	0.00
75) Chrysene-d12	21.76	240	159300	20.00	ng	-0.01
86) Perylene-d12	25.05	264	149482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	255223	173.85	ng	0.00
7) Phenol-d6	7.27	99	365048	158.16	ng	0.00
23) Nitrobenzene-d5	9.28	82	195692	102.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	112225	128.01	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	441473	86.71	ng	0.00
78) Terphenyl-d14	20.08	244	600960	89.56	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	218714	34.00	ng	99

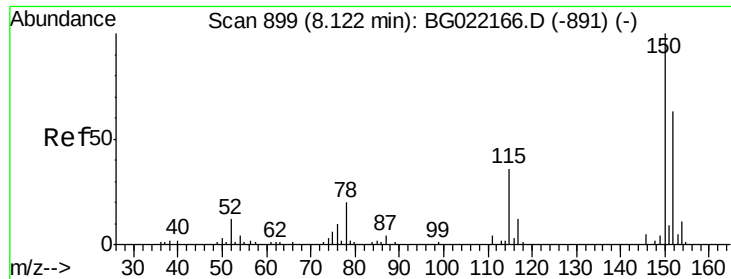
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022290.D

Acq: 10 Jun 2016 16:23

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

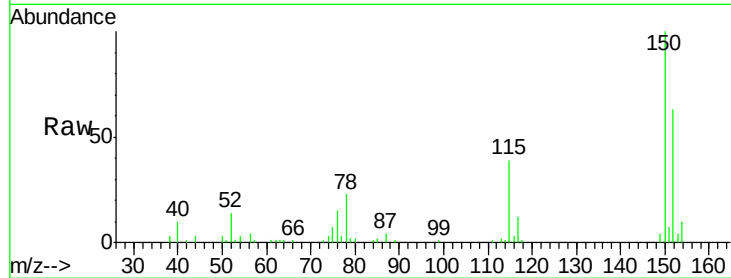
Tgt Ion:152 Resp: 28384

Ion Ratio Lower Upper

152 100

150 157.8 130.1 195.1

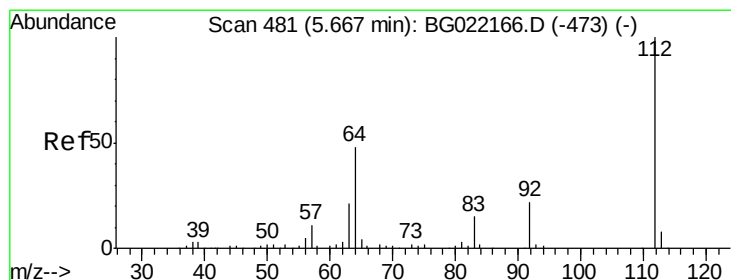
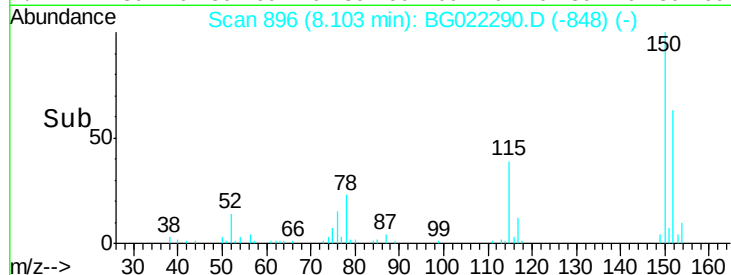
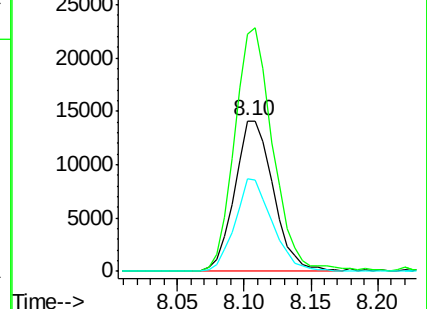
115 61.1 62.2 93.2#



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: 173.85 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG022290.D

Acq: 10 Jun 2016 16:23

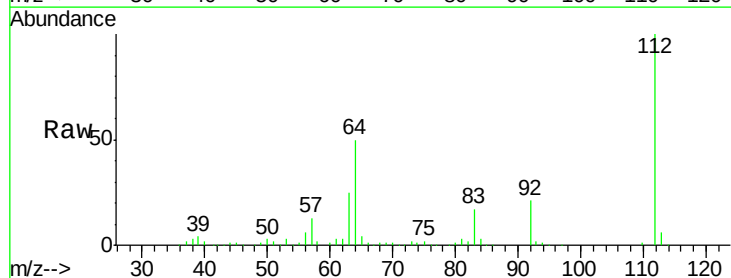
Tgt Ion:112 Resp: 255223

Ion Ratio Lower Upper

112 100

64 50.3 51.1 76.7#

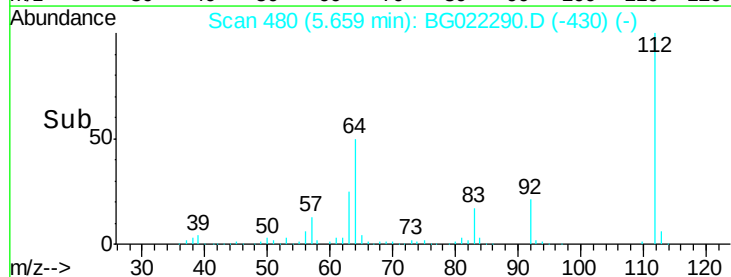
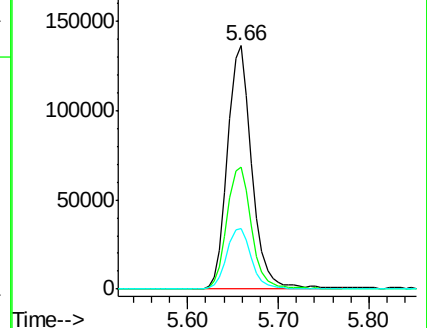
63 24.7 24.6 37.0

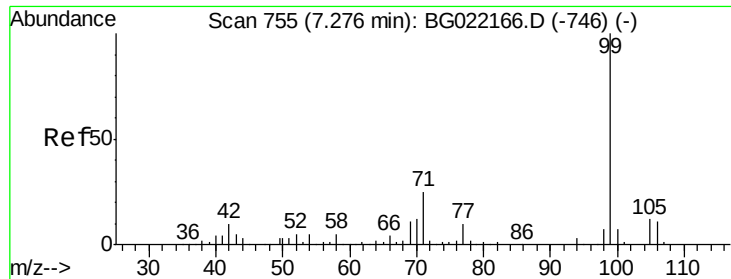


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 158.16 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022290.D

Acq: 10 Jun 2016 16:23

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

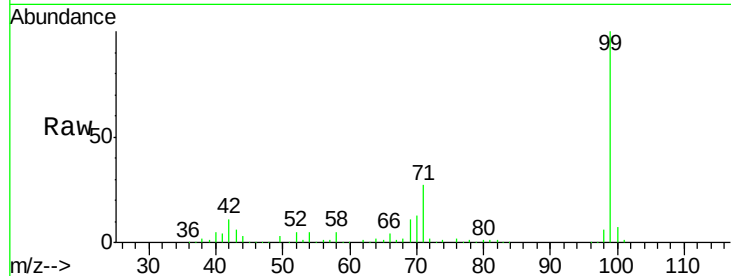
Tgt Ion: 99 Resp: 365048

Ion Ratio Lower Upper

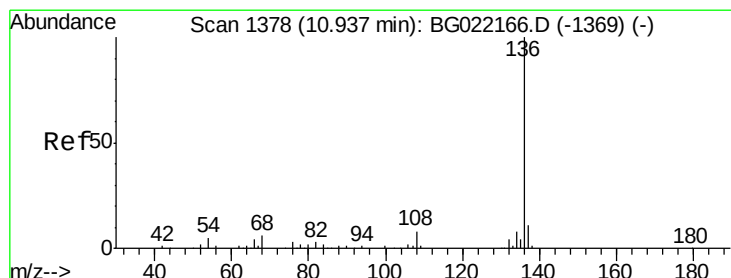
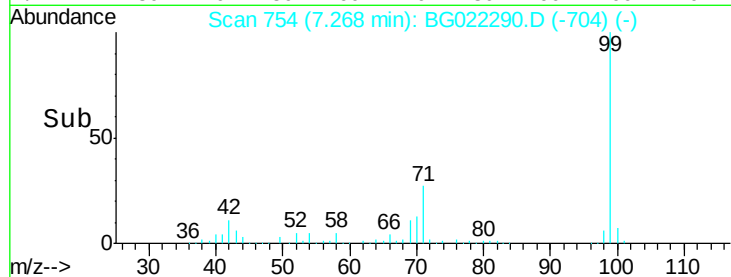
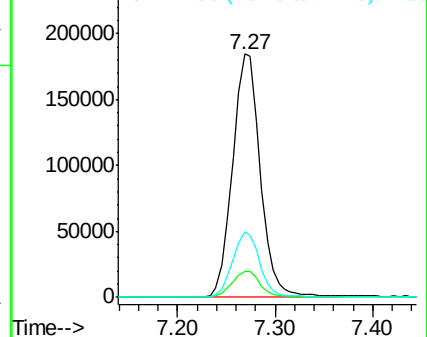
99 100

42 10.7 16.4 24.6#

71 27.1 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: BG022290.D

Acq: 10 Jun 2016 16:23

Tgt Ion: 136 Resp: 133105

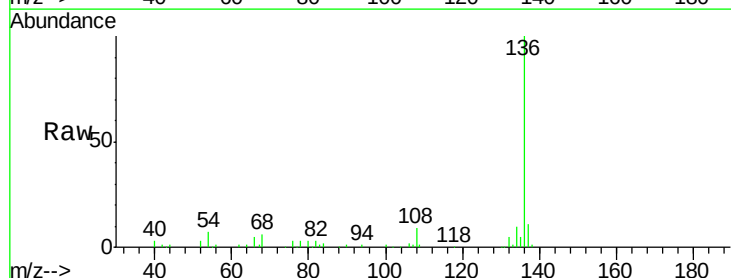
Ion Ratio Lower Upper

136 100

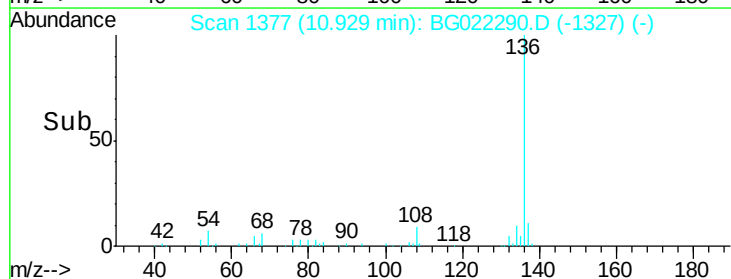
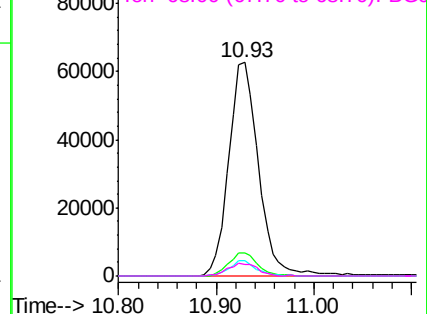
137 10.6 9.0 13.4

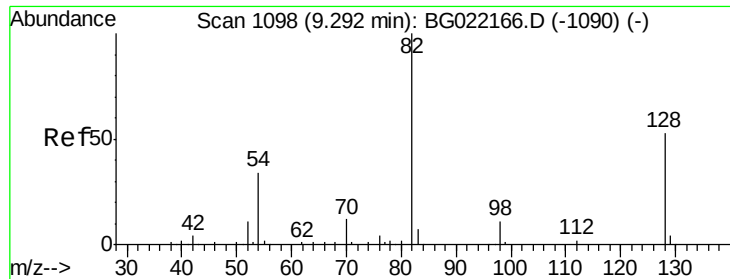
54 7.0 9.6 14.4#

68 5.6 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

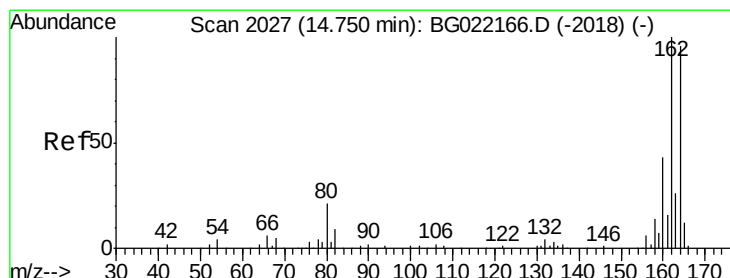
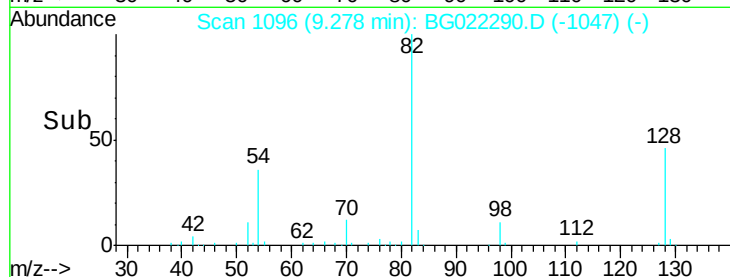
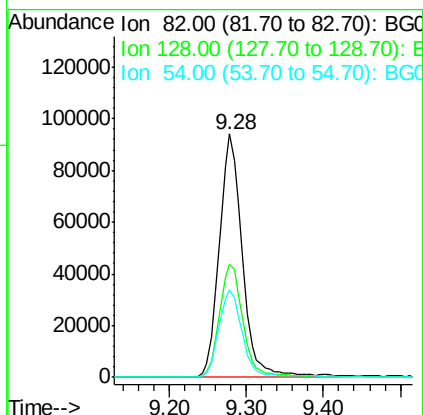
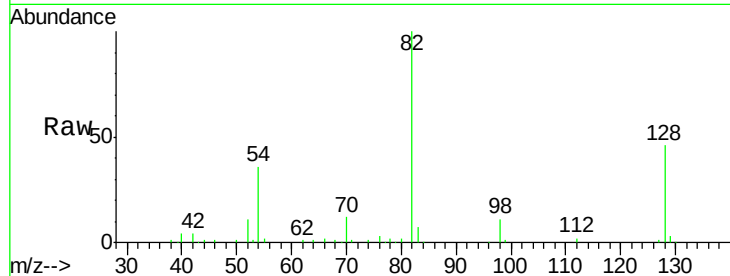




#23
 Nitrobenzene-d5
 Concen: 102.50 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022290.D
 Acq: 10 Jun 2016 16:23

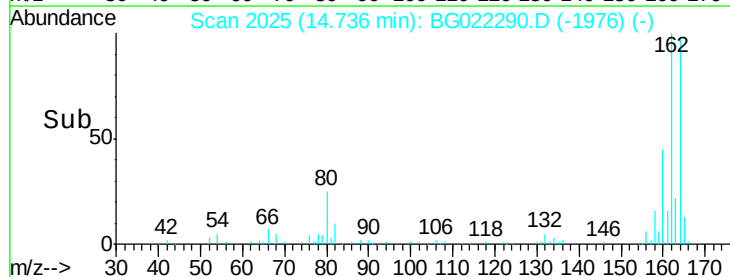
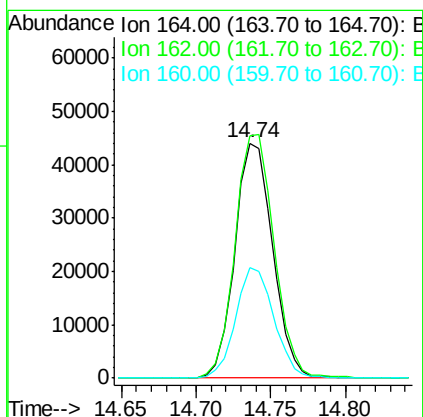
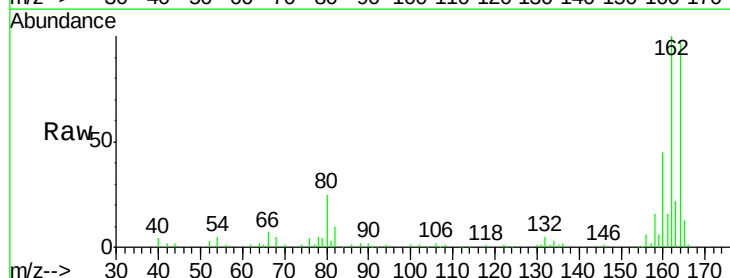
Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

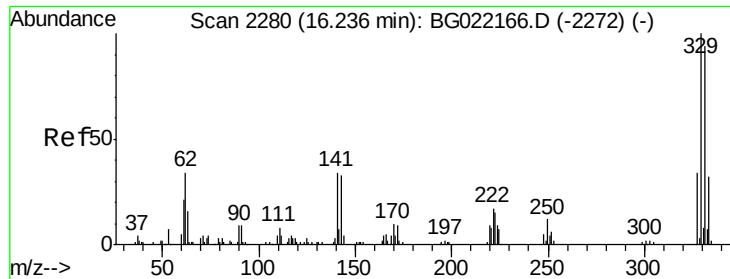
Tgt Ion: 82 Resp: 195692
 Ion Ratio Lower Upper
 82 100
 128 46.2 33.4 50.0
 54 36.1 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022290.D
 Acq: 10 Jun 2016 16:23

Tgt Ion: 164 Resp: 77588
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.0 117.0
 160 46.8 32.9 49.3

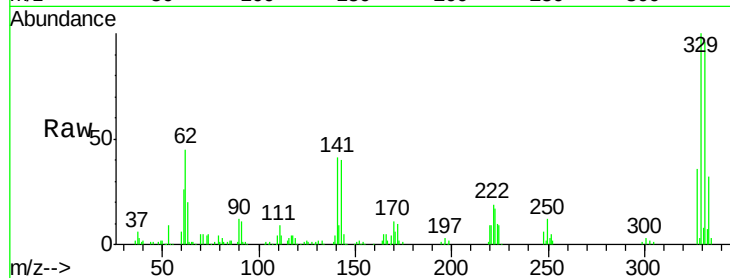




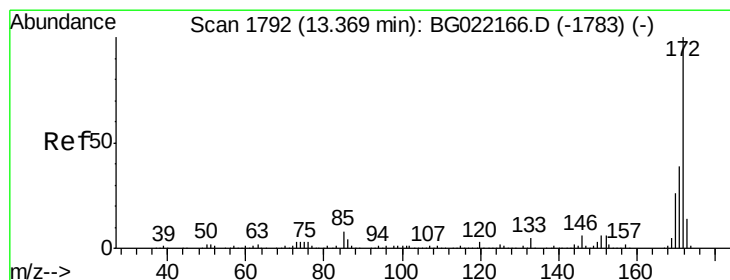
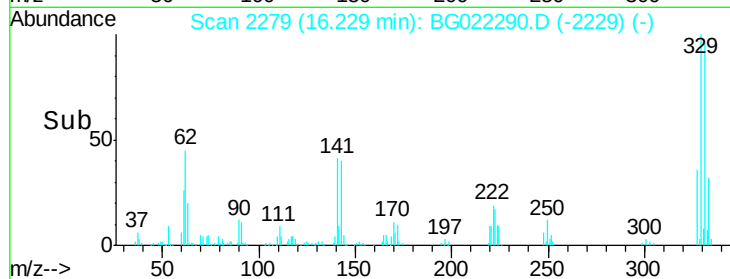
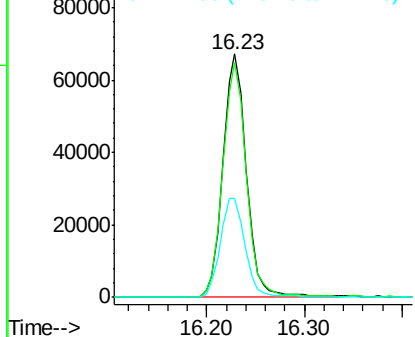
#41
 2,4,6-Tribromophenol
 Concen: 128.01 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022290.D
 Acq: 10 Jun 2016 16:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	43.0	33.8	50.8

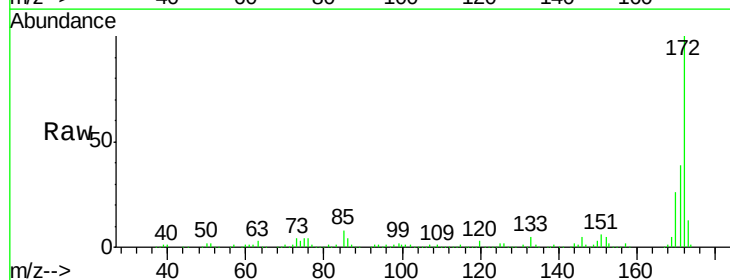


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

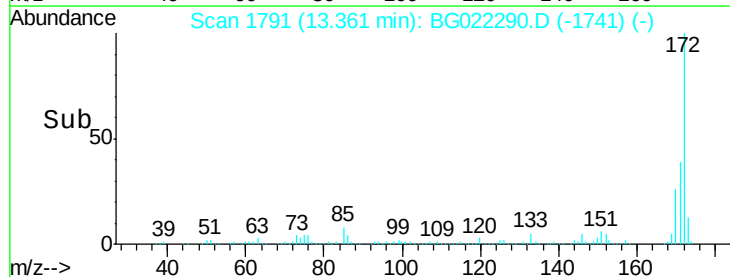
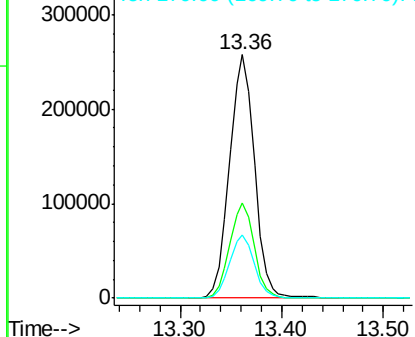


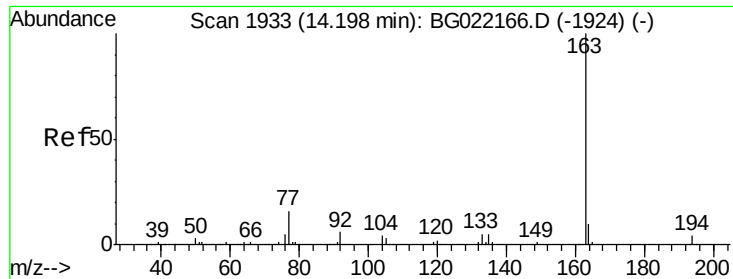
#44
 2-Fluorobiphenyl
 Concen: 86.71 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022290.D
 Acq: 10 Jun 2016 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	25.7	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: 34.00 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BG022290.D

Acq: 10 Jun 2016 16:23

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

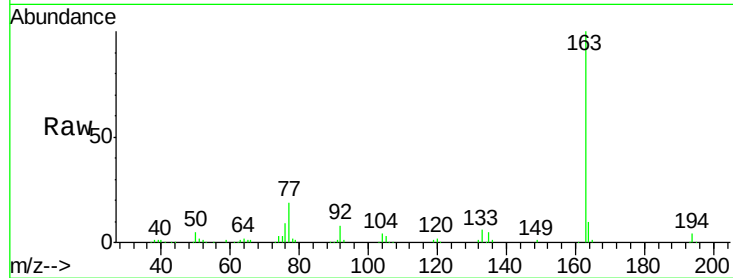
Tgt Ion:163 Resp: 218714

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

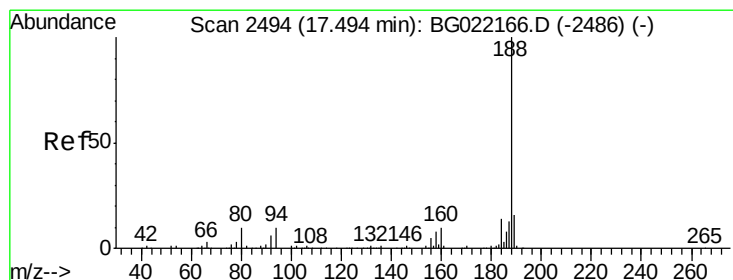
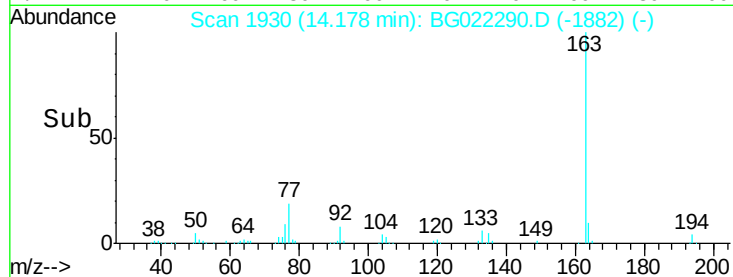
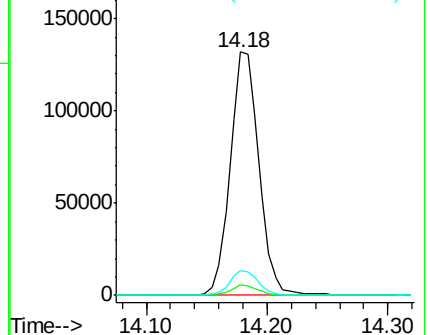
164 10.2 8.1 12.1



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: BG022290.D

Acq: 10 Jun 2016 16:23

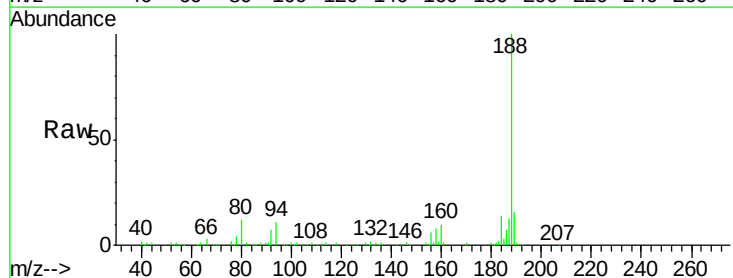
Tgt Ion:188 Resp: 170271

Ion Ratio Lower Upper

188 100

94 11.0 7.5 11.3

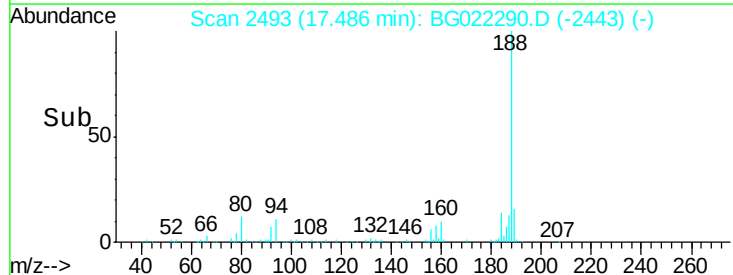
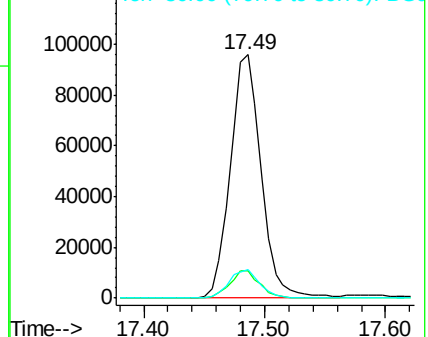
80 11.7 8.6 13.0

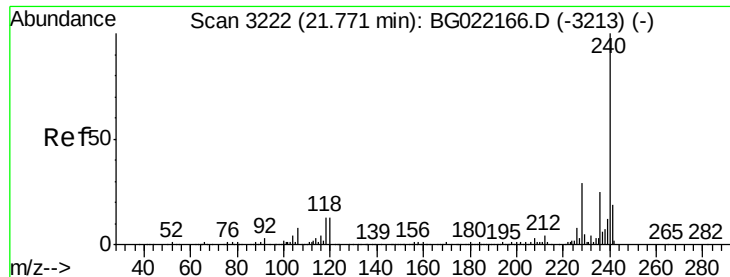


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG022290.D

Acq: 10 Jun 2016 16:23

Instrument :

BNA_G

ClientSampleId :

SB-12-COMP

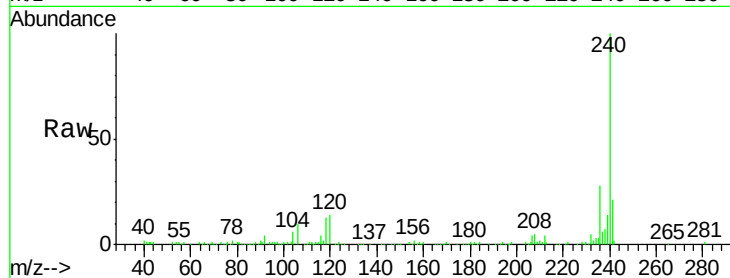
Tgt Ion:240 Resp: 159300

Ion Ratio Lower Upper

240 100

120 13.8 8.4 12.6#

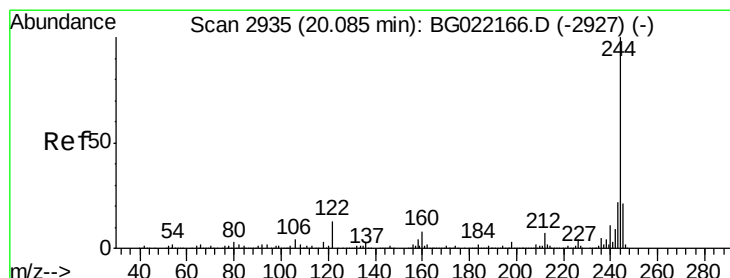
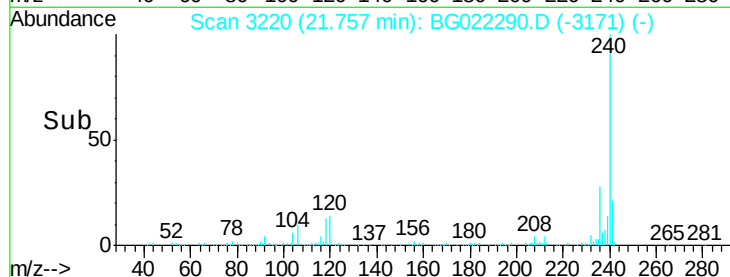
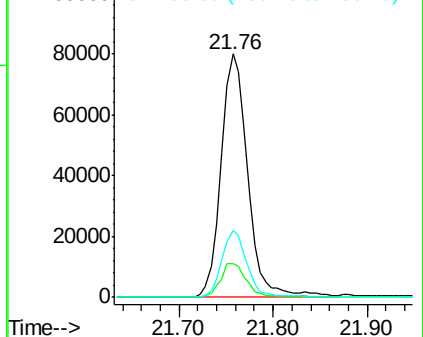
236 27.6 19.6 29.4



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: 89.56 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022290.D

Acq: 10 Jun 2016 16:23

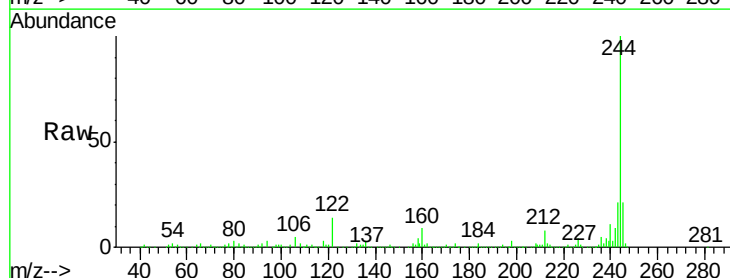
Tgt Ion:244 Resp: 600960

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

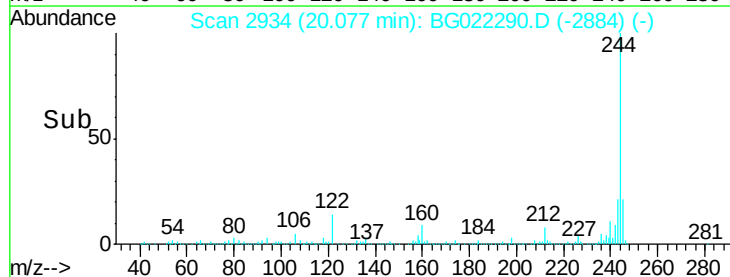
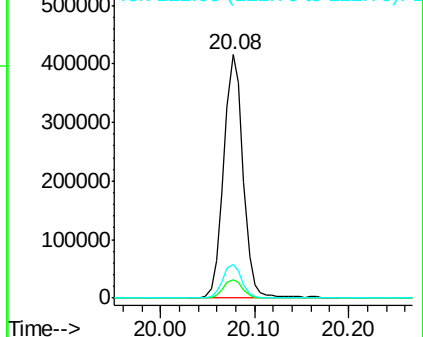
122 13.9 8.6 12.8#

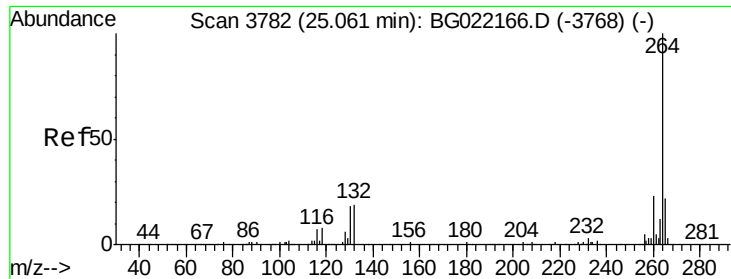


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG022290.D
Acq: 10 Jun 2016 16:23

Instrument :
BNA_G
ClientSampleId :
SB-12-COMP

Tgt Ion:	264	Resp:	149482
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.4
265	22.1	17.8	26.8

