

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022300.D
 Acq On : 10 Jun 2016 23:03
 Operator : UM/SJ
 Sample : PB91204BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91204BL

Quant Time: Jun 10 23:58:14 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	23557	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	112242	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	68297	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	155860	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	147533	20.00	ng	-0.01
86) Perylene-d12	25.04	264	138473	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	193599	158.90	ng	-0.01
7) Phenol-d6	7.27	99	275909	144.03	ng	0.00
23) Nitrobenzene-d5	9.27	82	140002	86.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	87927	113.94	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	366960	81.88	ng	-0.01
78) Terphenyl-d14	20.08	244	573113	92.23	ng	0.00

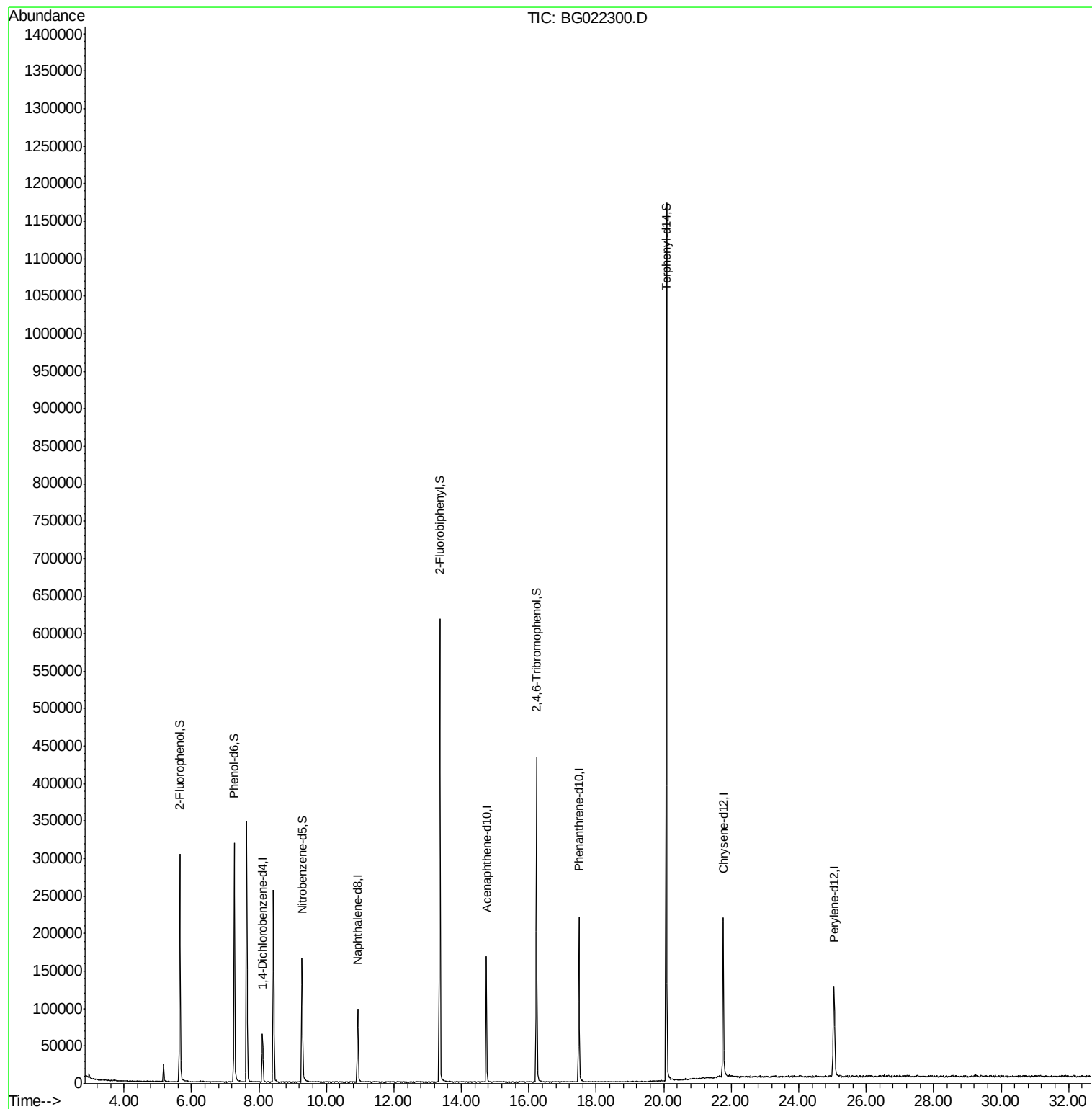
Target Compounds	Qvalue
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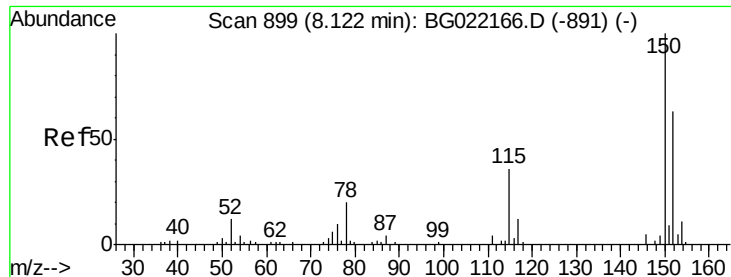
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022300.D

Acq: 10 Jun 2016 23:03

Instrument :

BNA_G

ClientSampleId :

PB91204BL

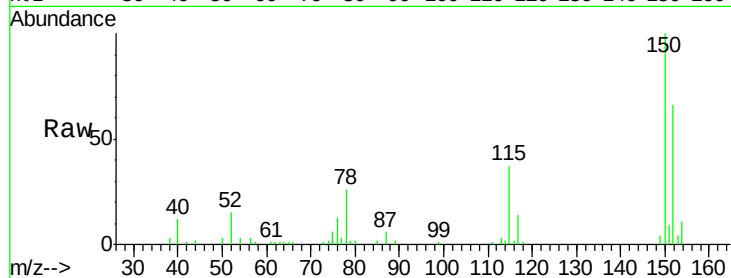
Tgt Ion:152 Resp: 23557

Ion Ratio Lower Upper

152 100

150 151.0 130.1 195.1

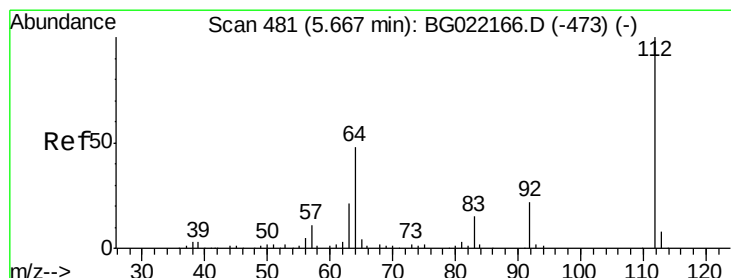
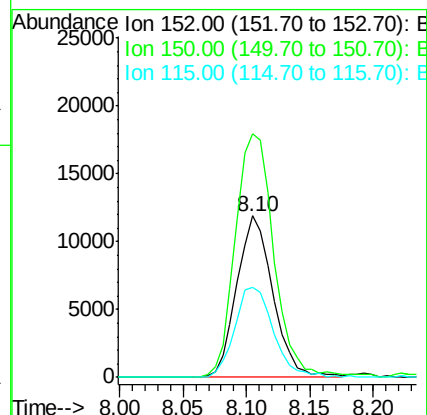
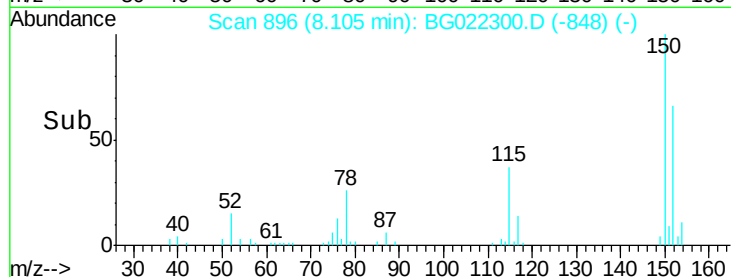
115 55.9 62.2 93.2#



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: 158.90 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022300.D

Acq: 10 Jun 2016 23:03

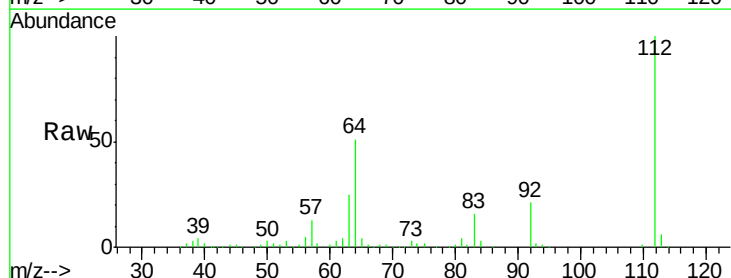
Tgt Ion:112 Resp: 193599

Ion Ratio Lower Upper

112 100

64 50.9 51.1 76.7#

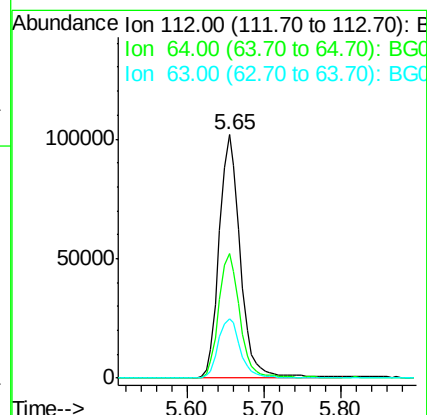
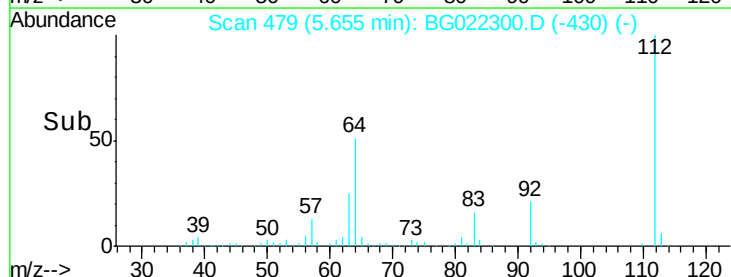
63 24.6 24.6 37.0#

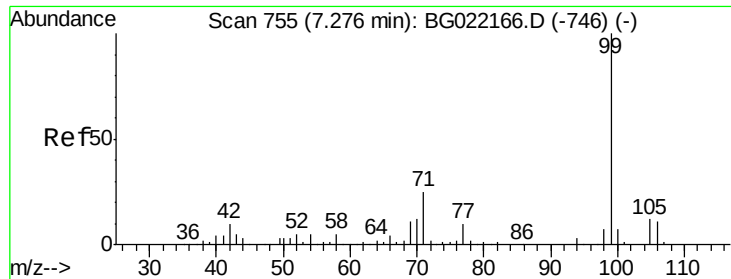


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.03 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022300.D

Acq: 10 Jun 2016 23:03

Instrument :

BNA_G

ClientSampleId :

PB91204BL

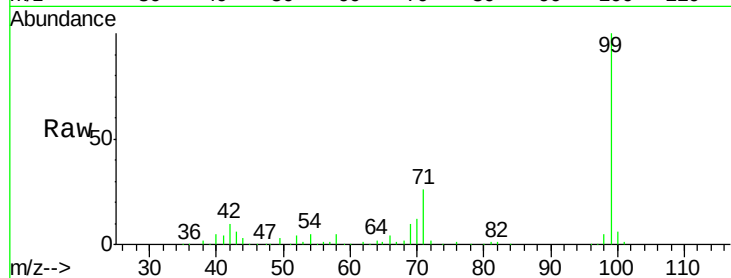
Tgt Ion: 99 Resp: 275909

Ion Ratio Lower Upper

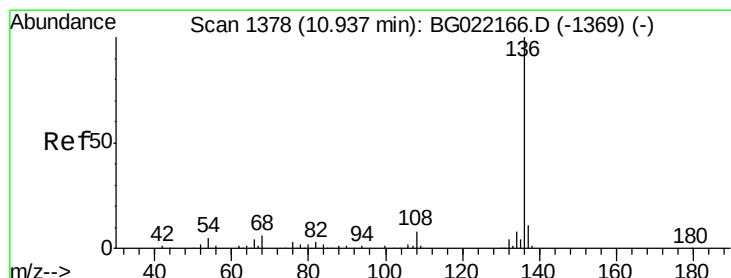
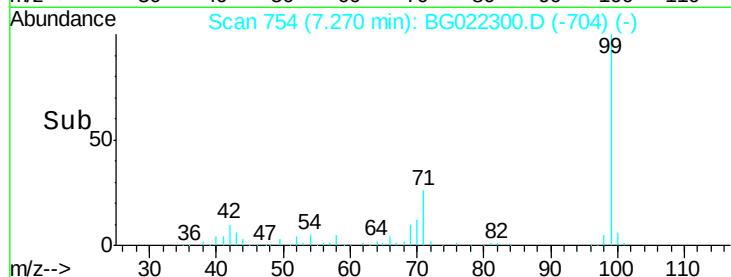
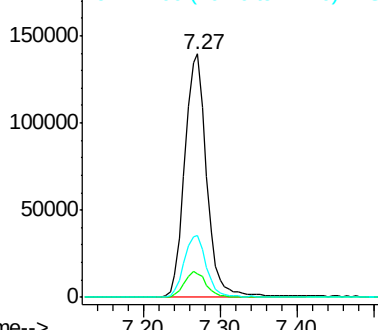
99 100

42 9.9 16.4 24.6#

71 25.6 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: BG022300.D

Acq: 10 Jun 2016 23:03

Tgt Ion: 136 Resp: 112242

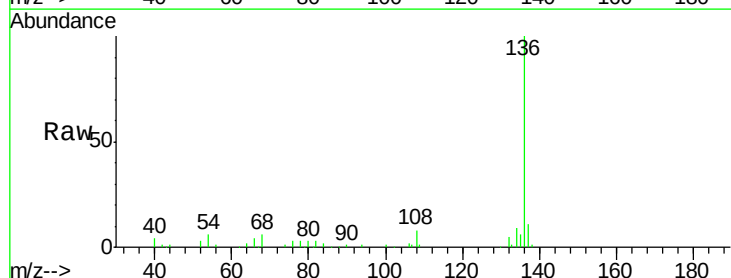
Ion Ratio Lower Upper

136 100

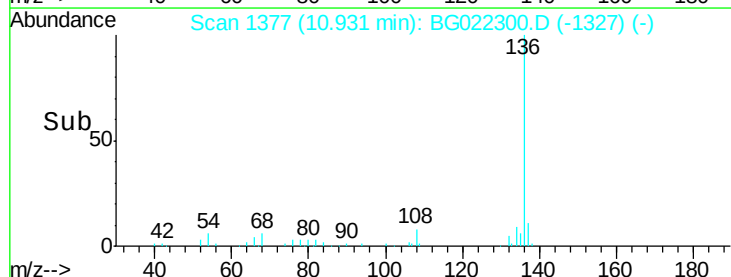
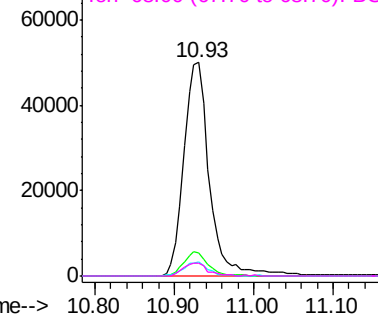
137 10.9 9.0 13.4

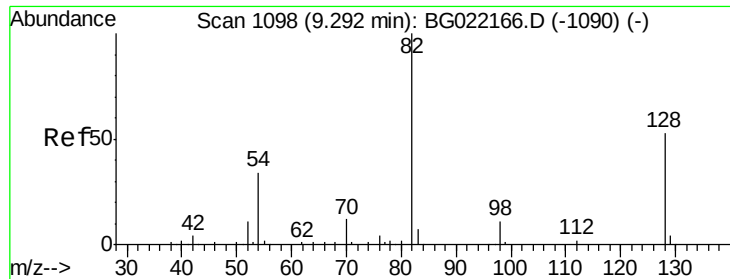
54 6.5 9.6 14.4#

68 6.0 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

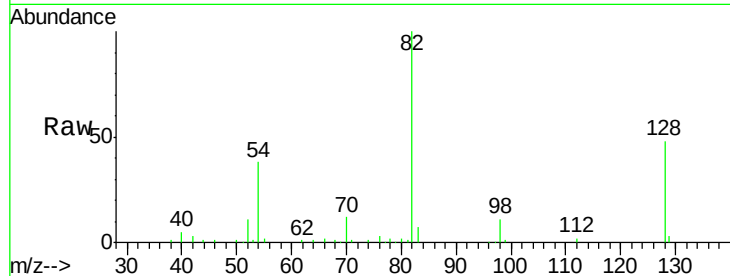




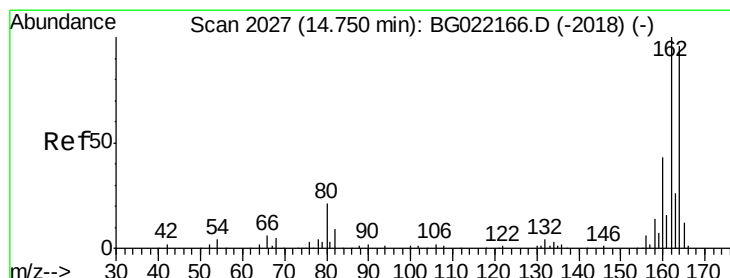
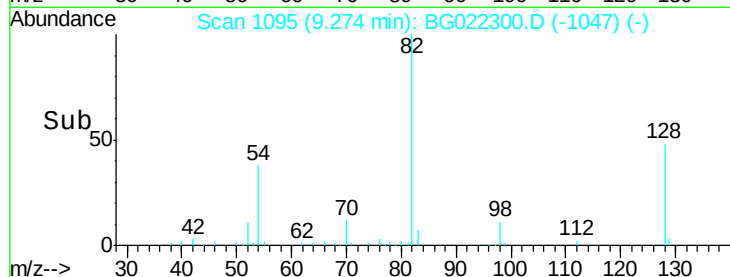
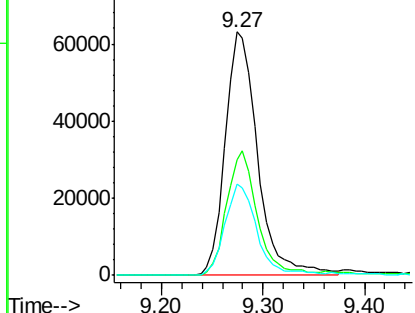
#23
 Nitrobenzene-d5
 Concen: 86.96 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BG022300.D
 Acq: 10 Jun 2016 23:03

Instrument :
 BNA_G
 ClientSampleId :
 PB91204BL

Tgt Ion: 82 Resp: 140002
 Ion Ratio Lower Upper
 82 100
 128 47.7 33.4 50.0
 54 37.7 46.1 69.1#

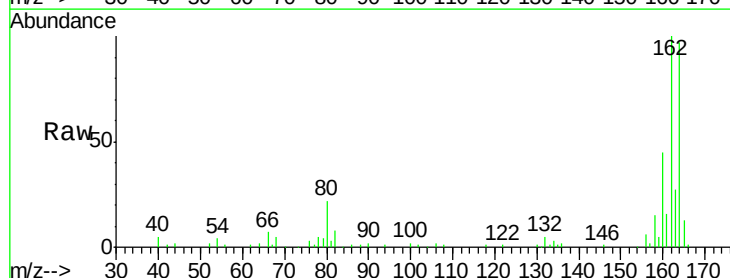


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

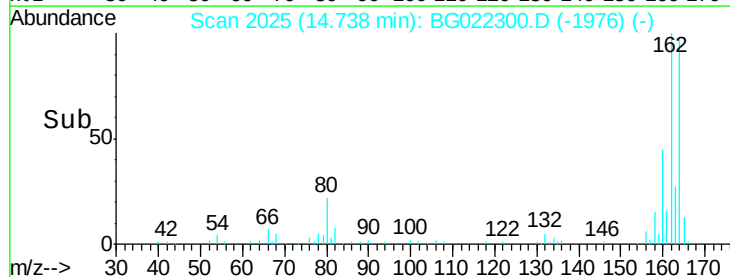
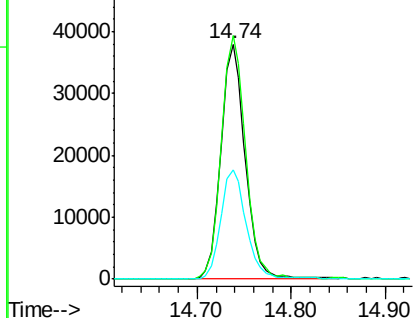


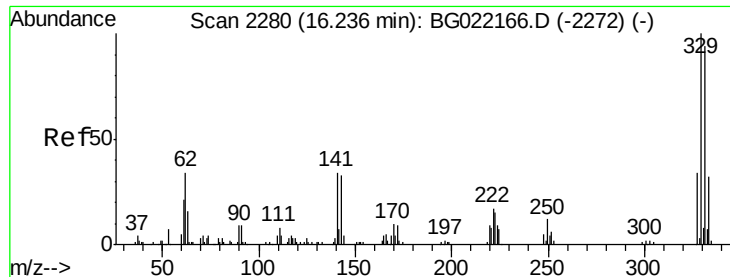
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022300.D
 Acq: 10 Jun 2016 23:03

Tgt Ion: 164 Resp: 68297
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.0 117.0
 160 46.6 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

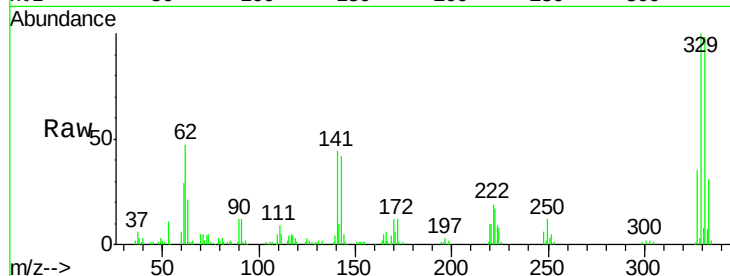




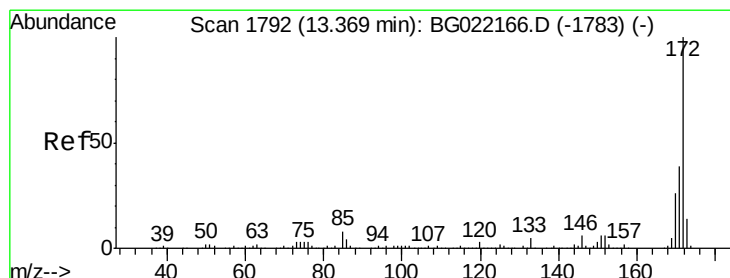
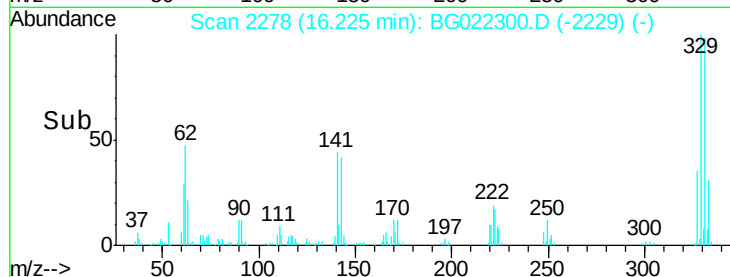
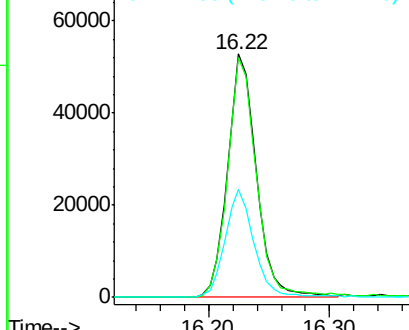
#41
 2,4,6-Tribromophenol
 Concen: 113.94 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG022300.D
 Acq: 10 Jun 2016 23:03

Instrument :
 BNA_G
 ClientSampleId :
 PB91204BL

Tgt Ion:330 Resp: 87927
 Ion Ratio Lower Upper
 330 100
 332 99.1 78.0 117.0
 141 44.0 33.8 50.8

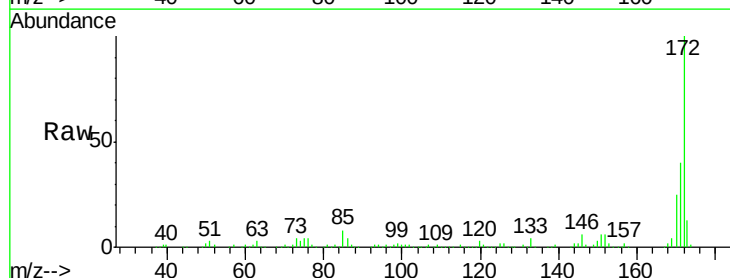


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

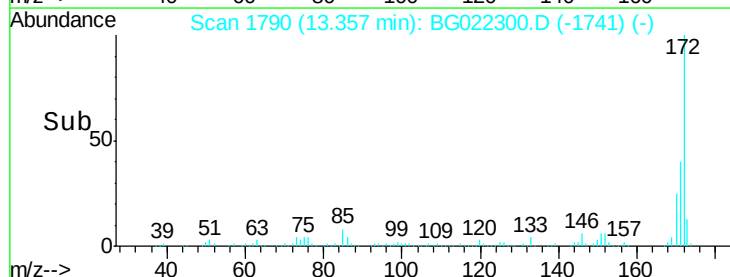
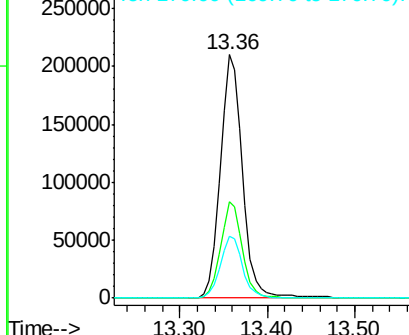


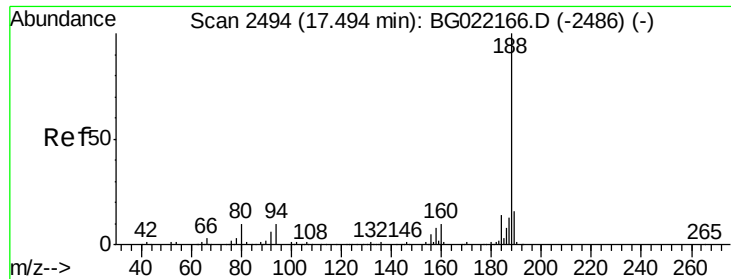
#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG022300.D
 Acq: 10 Jun 2016 23:03

Tgt Ion:172 Resp: 366960
 Ion Ratio Lower Upper
 172 100
 171 39.7 27.8 41.6
 170 25.4 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022300.D

Acq: 10 Jun 2016 23:03

Instrument :

BNA_G

ClientSampleId :

PB91204BL

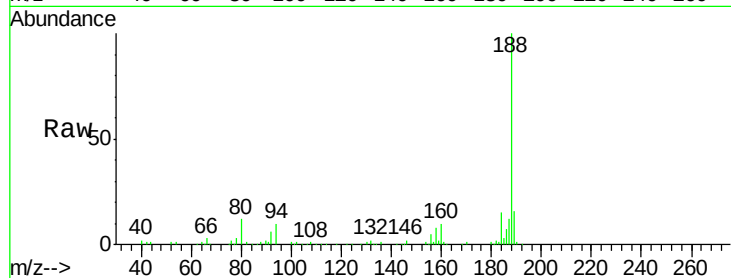
Tgt Ion:188 Resp: 155860

Ion Ratio Lower Upper

188 100

94 10.3 7.5 11.3

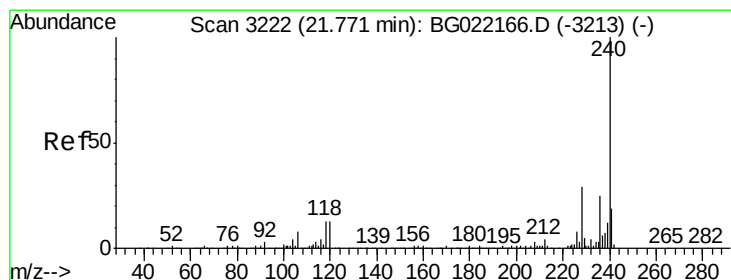
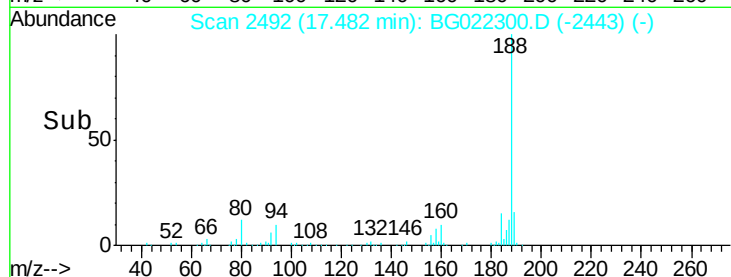
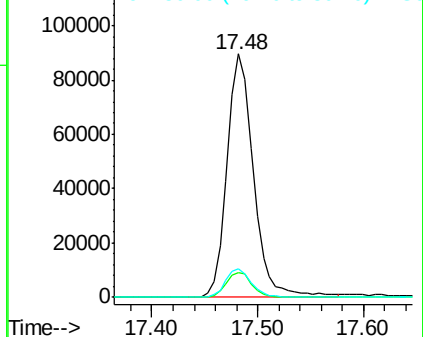
80 11.8 8.6 13.0



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: BG022300.D

Acq: 10 Jun 2016 23:03

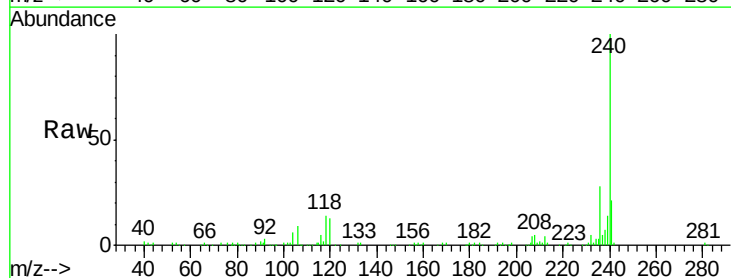
Tgt Ion:240 Resp: 147533

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

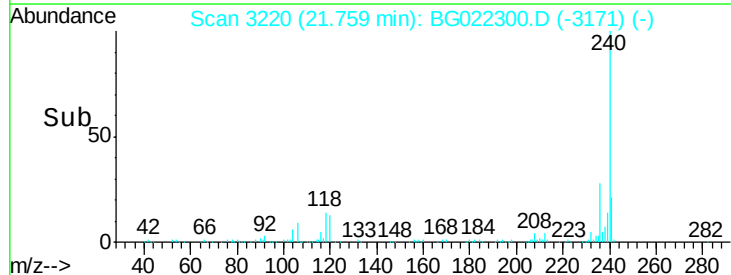
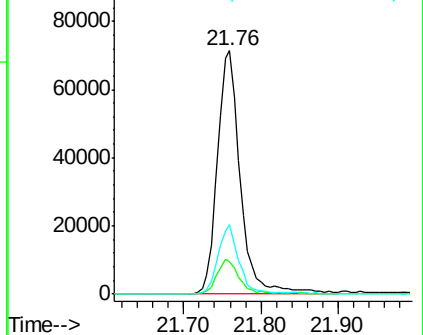
236 28.3 19.6 29.4

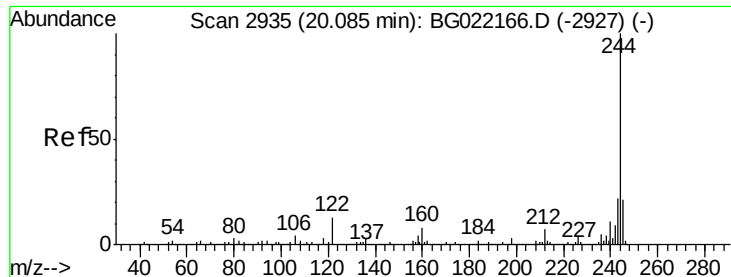


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.23 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022300.D

Acq: 10 Jun 2016 23:03

Instrument :

BNA_G

ClientSampleId :

PB91204BL

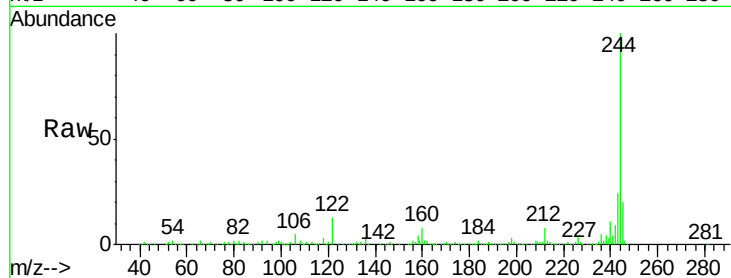
Tgt Ion:244 Resp: 573113

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 13.0 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

400000

300000

200000

100000

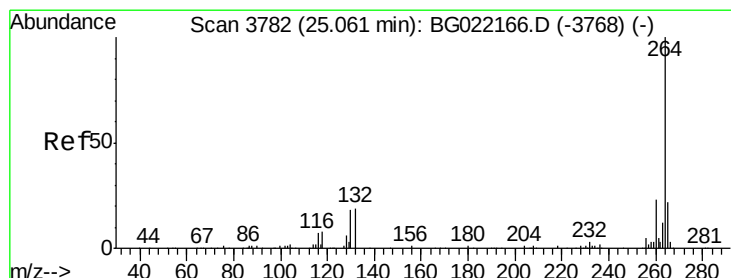
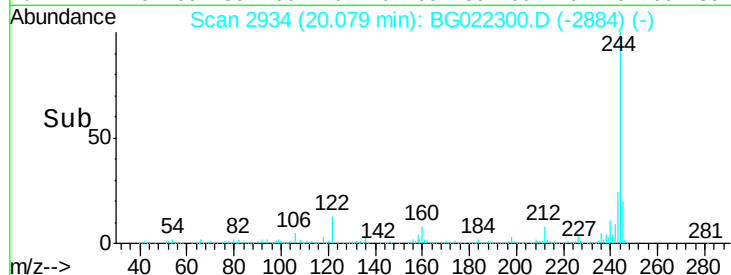
0

20.08

20.10

20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BG022300.D

Acq: 10 Jun 2016 23:03

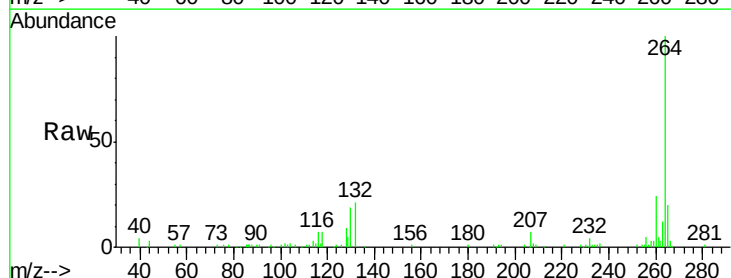
Tgt Ion:264 Resp: 138473

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.4

265 19.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

50000

40000

30000

20000

10000

0

25.04

25.00

25.20

Time-->

