

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022192.D
 Acq On : 7 Jun 2016 6:36
 Operator : UM/SJ
 Sample : PB91121BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91121BL

Quant Time: Jun 07 07:34:44 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	8.12	152	25699	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	114938	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70244	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	177447	20.00	ng	0.00
75) Chrysene-d12	21.77	240	182479	20.00	ng	0.00
86) Perylene-d12	25.06	264	173258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	180681	135.94	ng	0.00
7) Phenol-d6	7.28	99	250081	119.67	ng	0.00
23) Nitrobenzene-d5	9.29	82	115732	70.20	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	96858	122.03	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	355967	77.23	ng	0.00
78) Terphenyl-d14	20.08	244	633651	82.44	ng	0.00

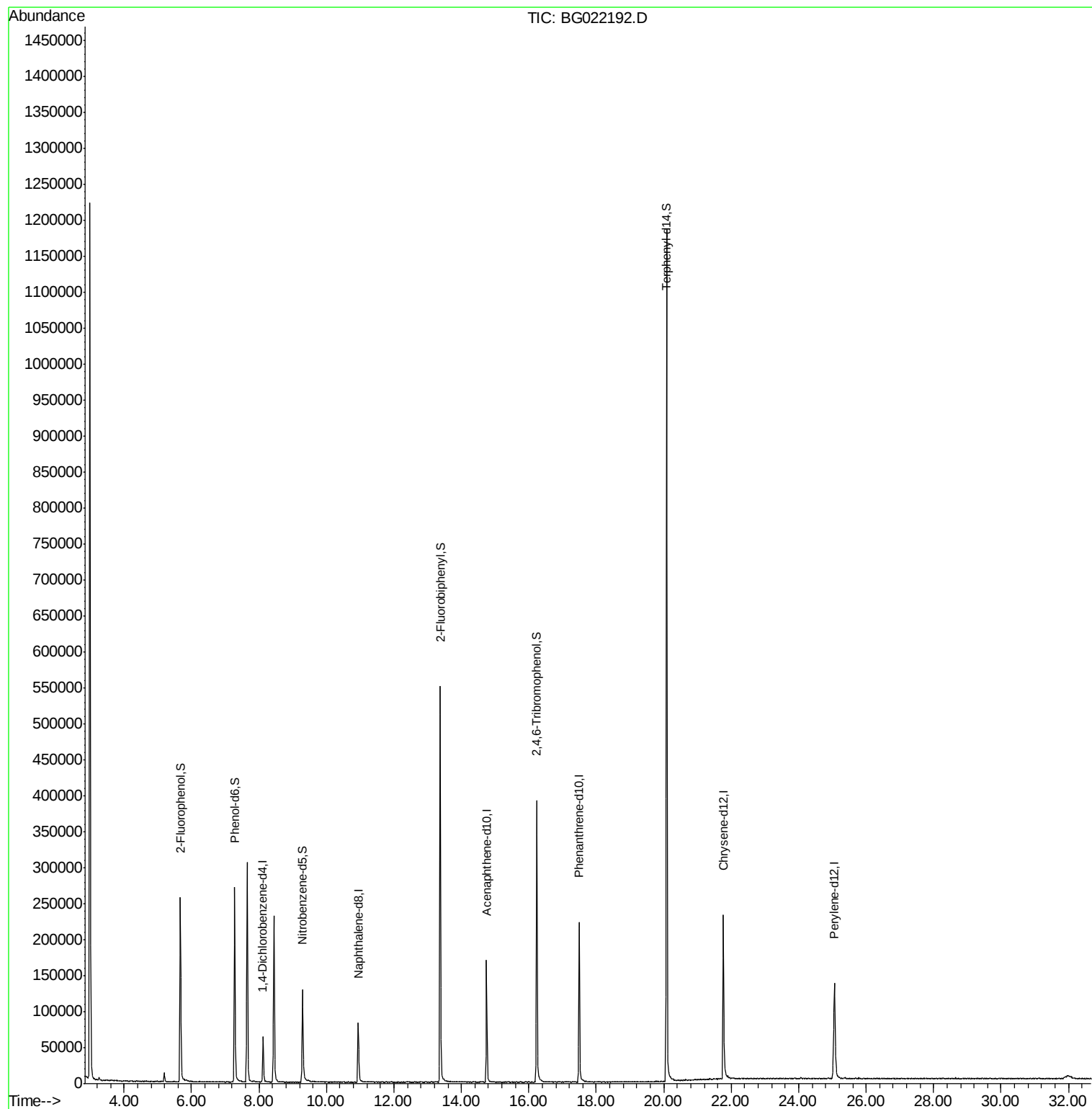
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

PB91121BL

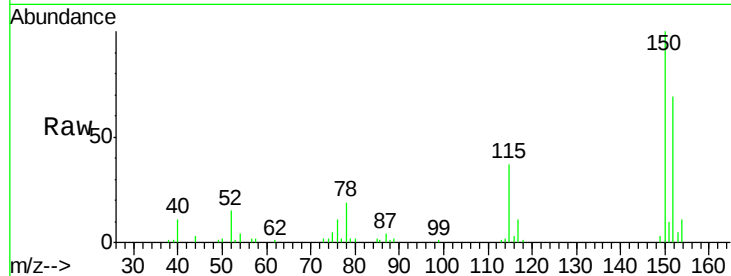
Tgt Ion:152 Resp: 25699

Ion Ratio Lower Upper

152 100

150 144.0 130.1 195.1

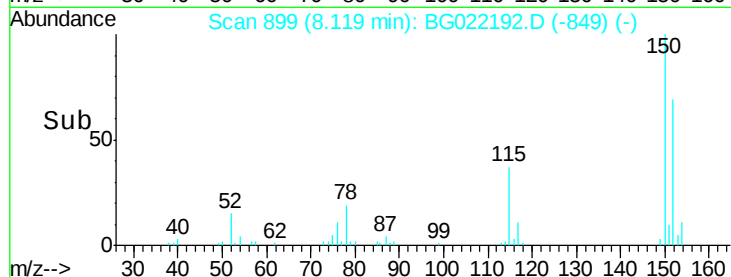
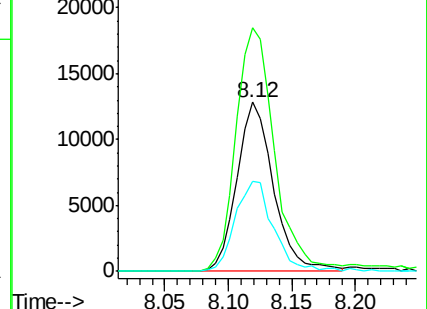
115 53.2 62.2 93.2#



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: 135.94 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

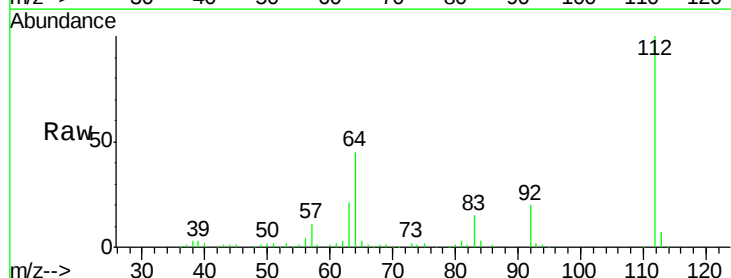
Tgt Ion:112 Resp: 180681

Ion Ratio Lower Upper

112 100

64 44.8 51.1 76.7#

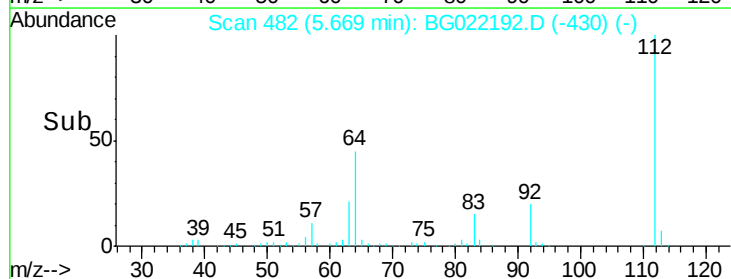
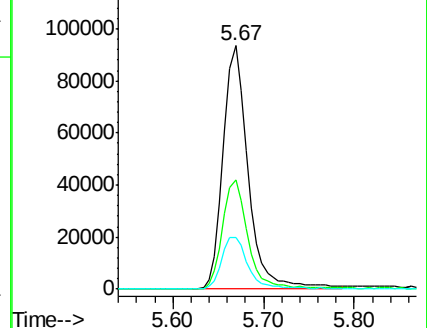
63 21.1 24.6 37.0#



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: 119.67 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

PB91121BL

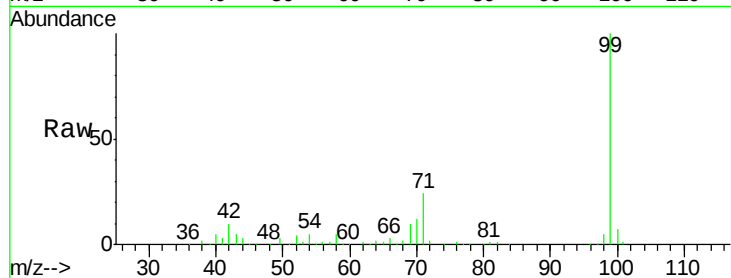
Tgt Ion: 99 Resp: 250081

Ion Ratio Lower Upper

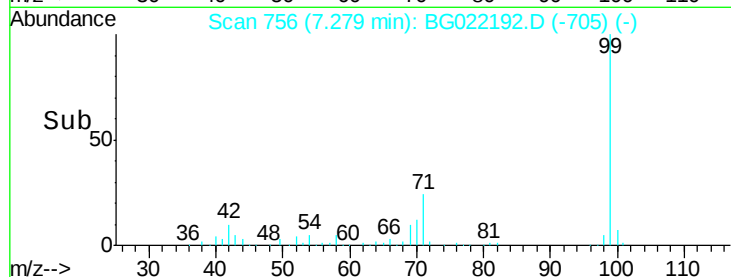
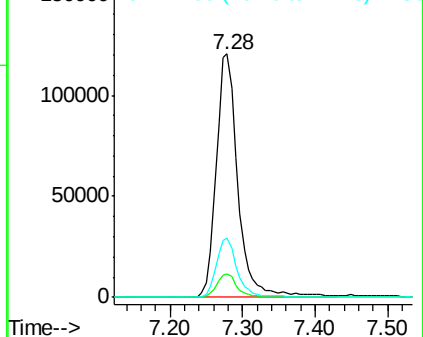
99 100

42 9.8 16.4 24.6#

71 24.3 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: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

Tgt Ion: 136 Resp: 114938

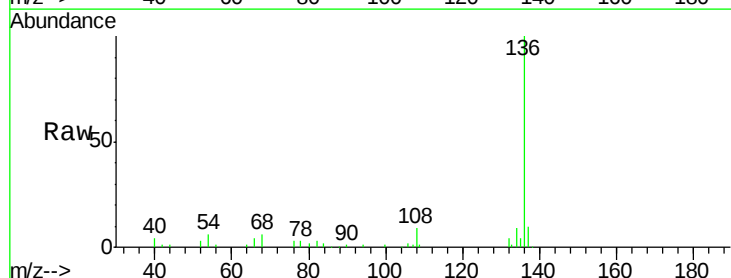
Ion Ratio Lower Upper

136 100

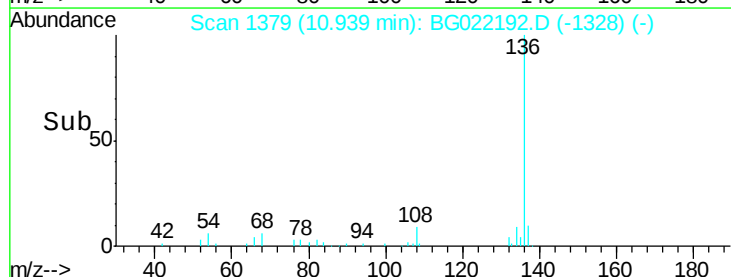
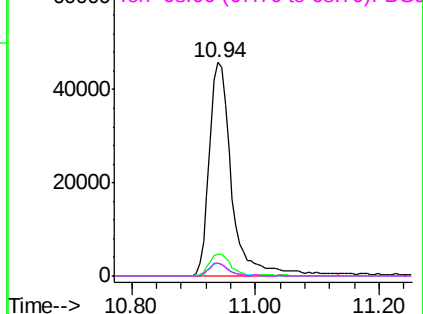
137 10.3 9.0 13.4

54 5.9 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

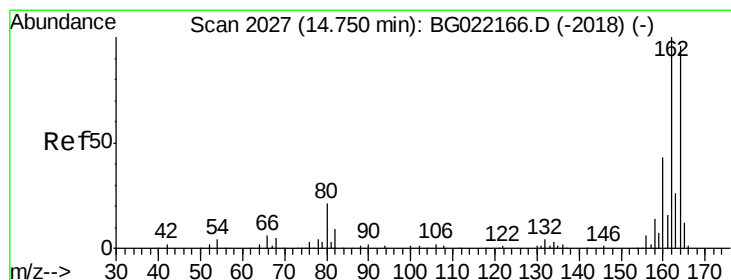
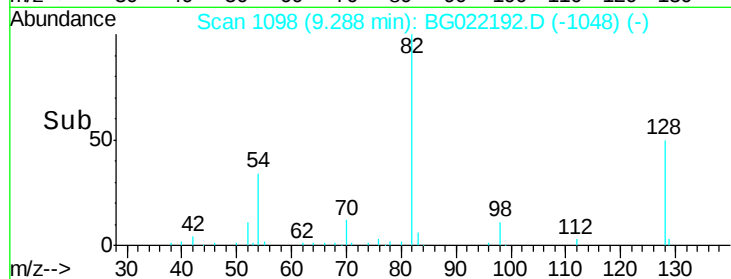
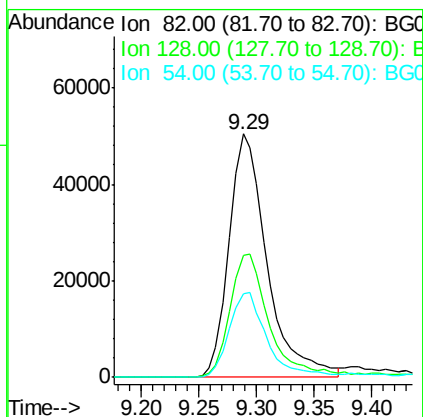
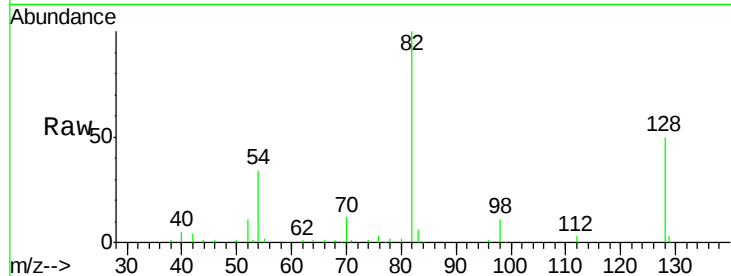




#23
 Nitrobenzene-d5
 Concen: 70.20 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022192.D
 Acq: 7 Jun 2016 6:36

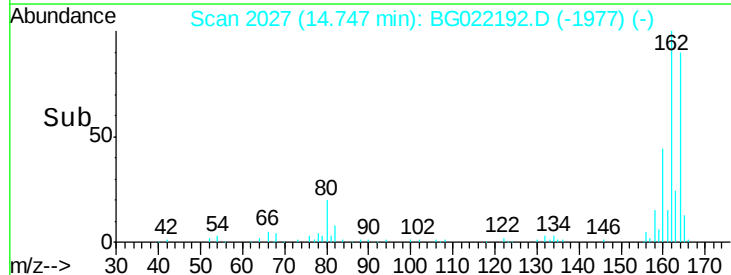
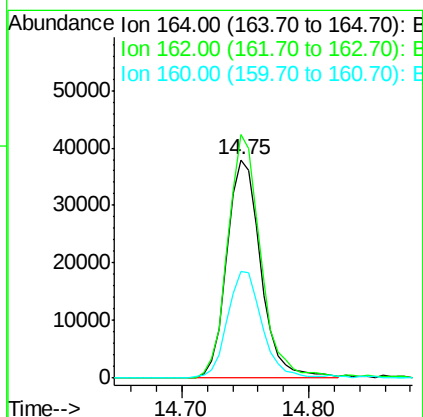
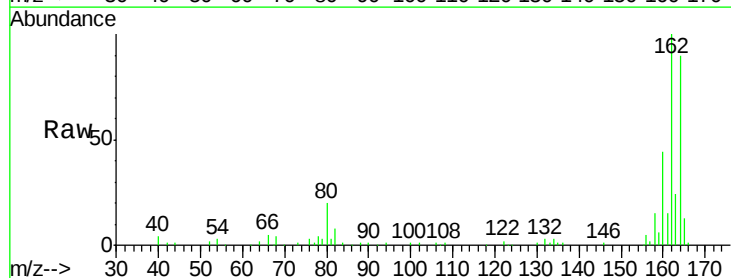
Instrument :
 BNA_G
 ClientSampleId :
 PB91121BL

Tgt Ion: 82 Resp: 115732
 Ion Ratio Lower Upper
 82 100
 128 50.3 33.4 50.0#
 54 34.4 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022192.D
 Acq: 7 Jun 2016 6:36

Tgt Ion: 164 Resp: 70244
 Ion Ratio Lower Upper
 164 100
 162 111.5 78.0 117.0
 160 48.7 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 122.03 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

PB91121BL

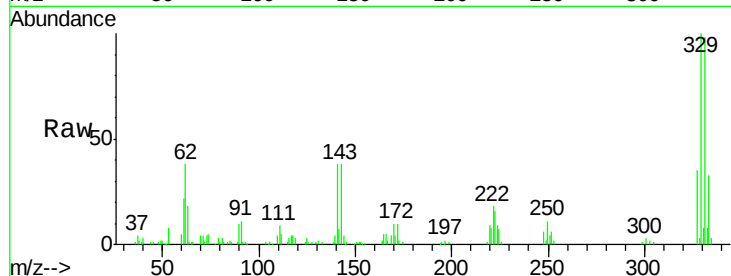
Tgt Ion:330 Resp: 96858

Ion Ratio Lower Upper

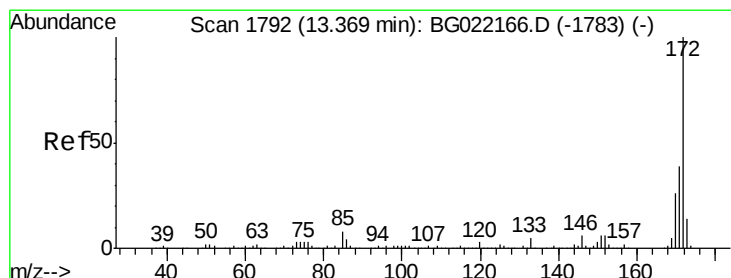
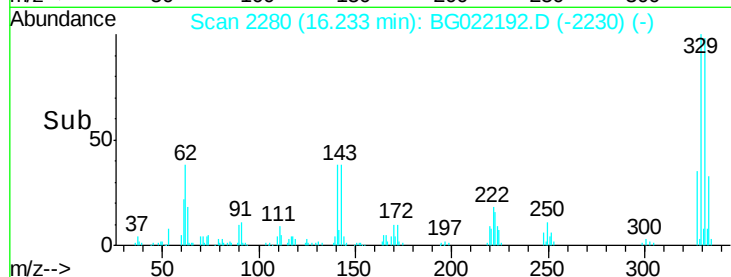
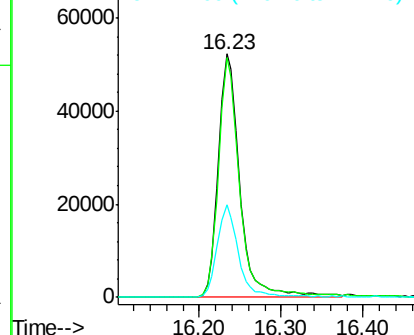
330 100

332 95.7 78.0 117.0

141 36.8 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: 77.23 ng

RT: 13.37 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

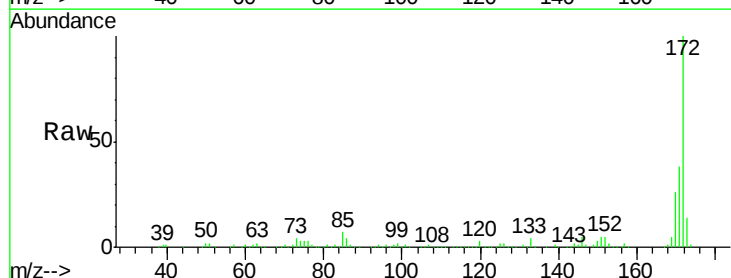
Tgt Ion:172 Resp: 355967

Ion Ratio Lower Upper

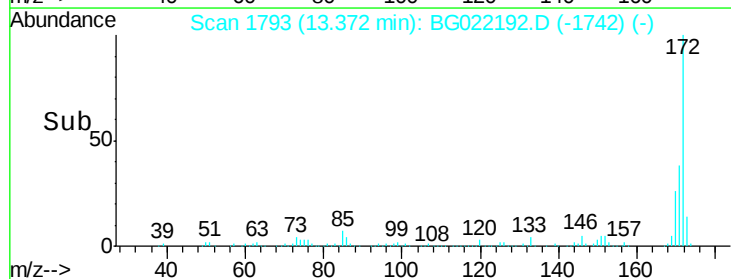
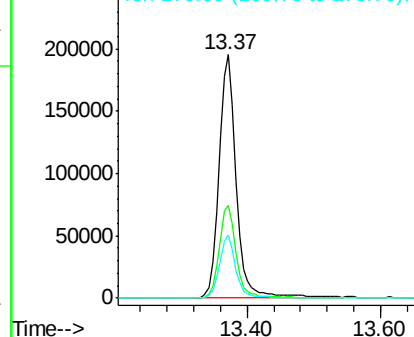
172 100

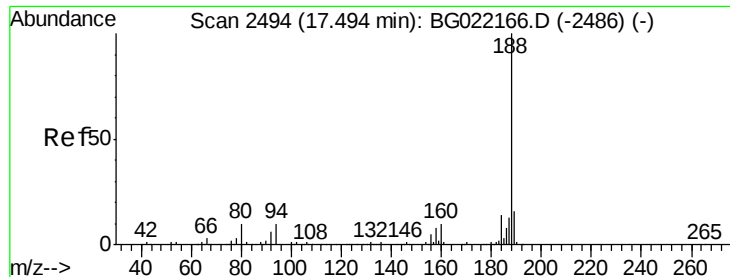
171 38.1 27.8 41.6

170 25.9 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: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

Instrument :

BNA_G

ClientSampleId :

PB91121BL

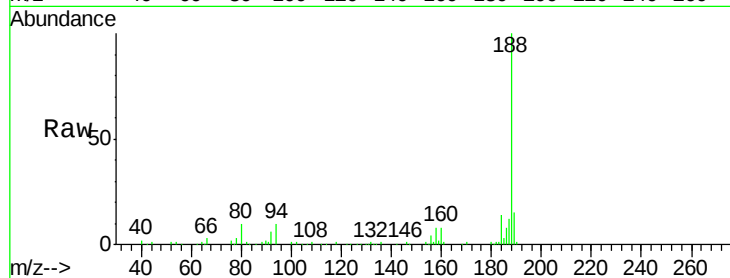
Tgt Ion:188 Resp: 177447

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

80 10.2 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

120000

100000

80000

60000

40000

20000

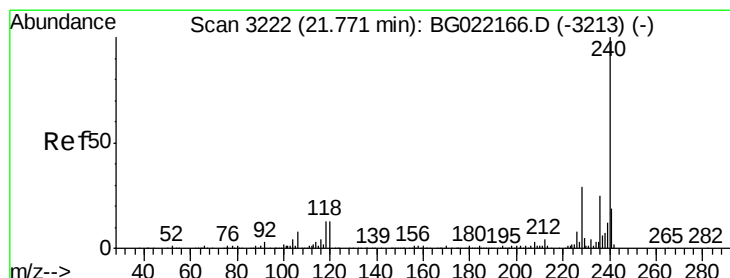
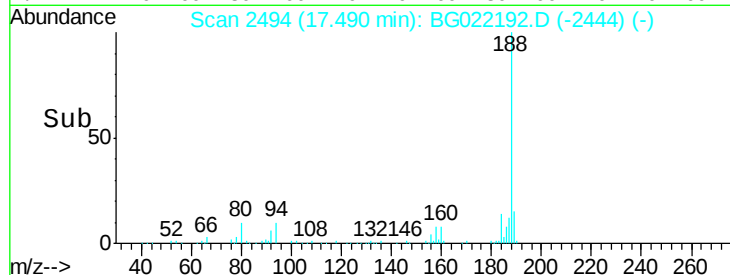
0

17.40

17.50

17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

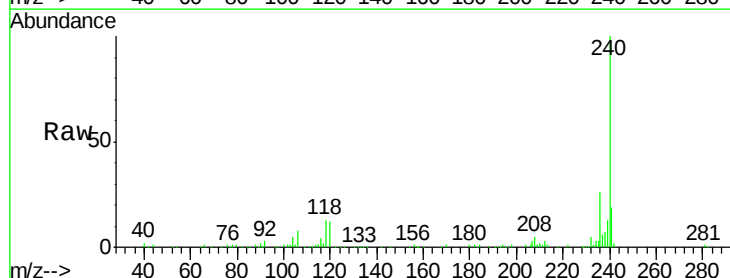
Tgt Ion:240 Resp: 182479

Ion Ratio Lower Upper

240 100

120 12.3 8.4 12.6

236 26.4 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

100000

80000

60000

40000

20000

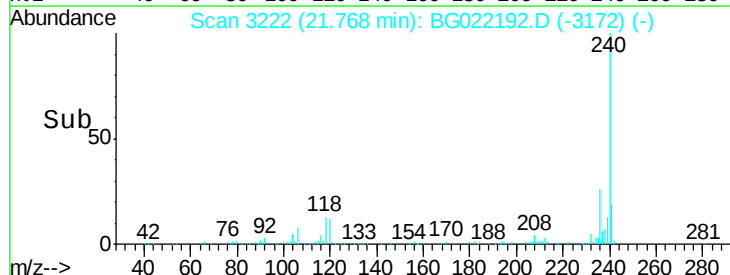
0

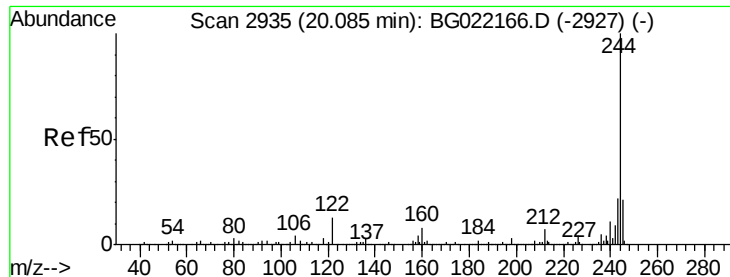
21.60

21.80

22.00

Time-->





#78

Terphenyl-d14

Concen: 82.44 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

Instrument :

BNA_G

ClientSampled :

PB91121BL

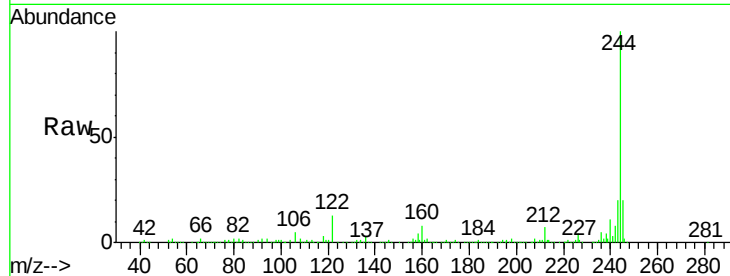
Tgt Ion:244 Resp: 633651

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

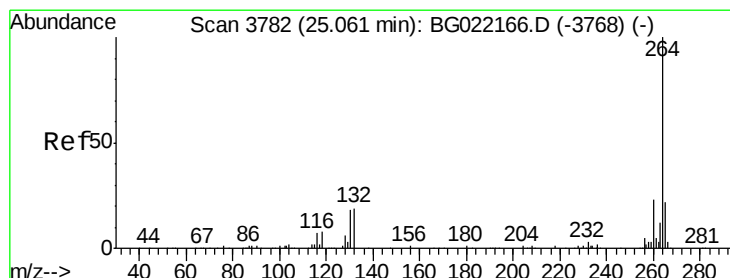
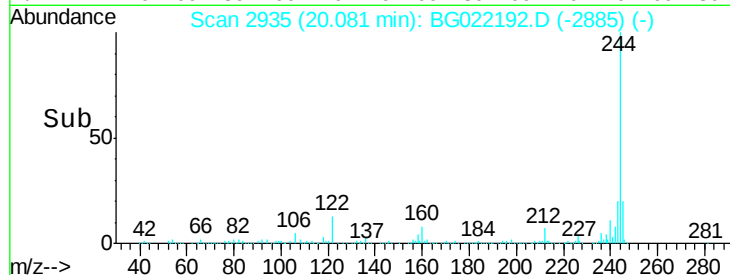
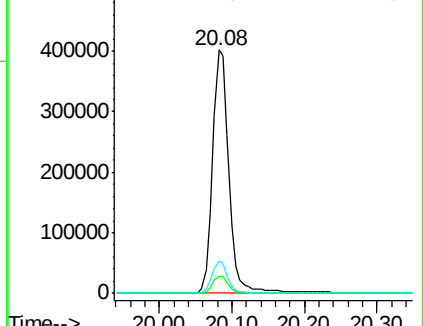
122 13.1 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022192.D

Acq: 7 Jun 2016 6:36

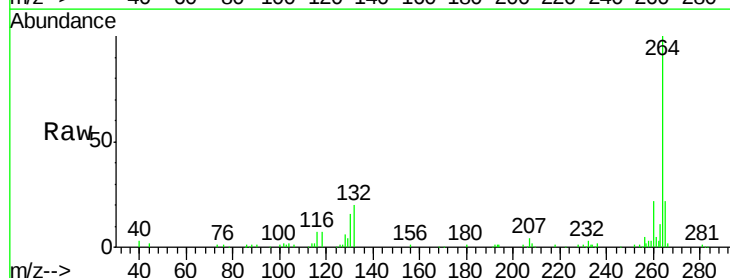
Tgt Ion:264 Resp: 173258

Ion Ratio Lower Upper

264 100

260 22.4 20.2 30.4

265 22.1 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

