

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022299.D
 Acq On : 10 Jun 2016 22:23
 Operator : UM/SJ
 Sample : PB91195BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BL

Quant Time: Jun 10 23:58:05 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	23569	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	110119	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	66304	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	153723	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	143698	20.00	ng	-0.01
86) Perylene-d12	25.04	264	134288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	195239	160.16	ng	-0.01
7) Phenol-d6	7.27	99	277467	144.77	ng	0.00
23) Nitrobenzene-d5	9.28	82	141217	89.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.22	330	90232	120.44	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	368411	84.68	ng	0.00
78) Terphenyl-d14	20.08	244	582479	96.23	ng	0.00

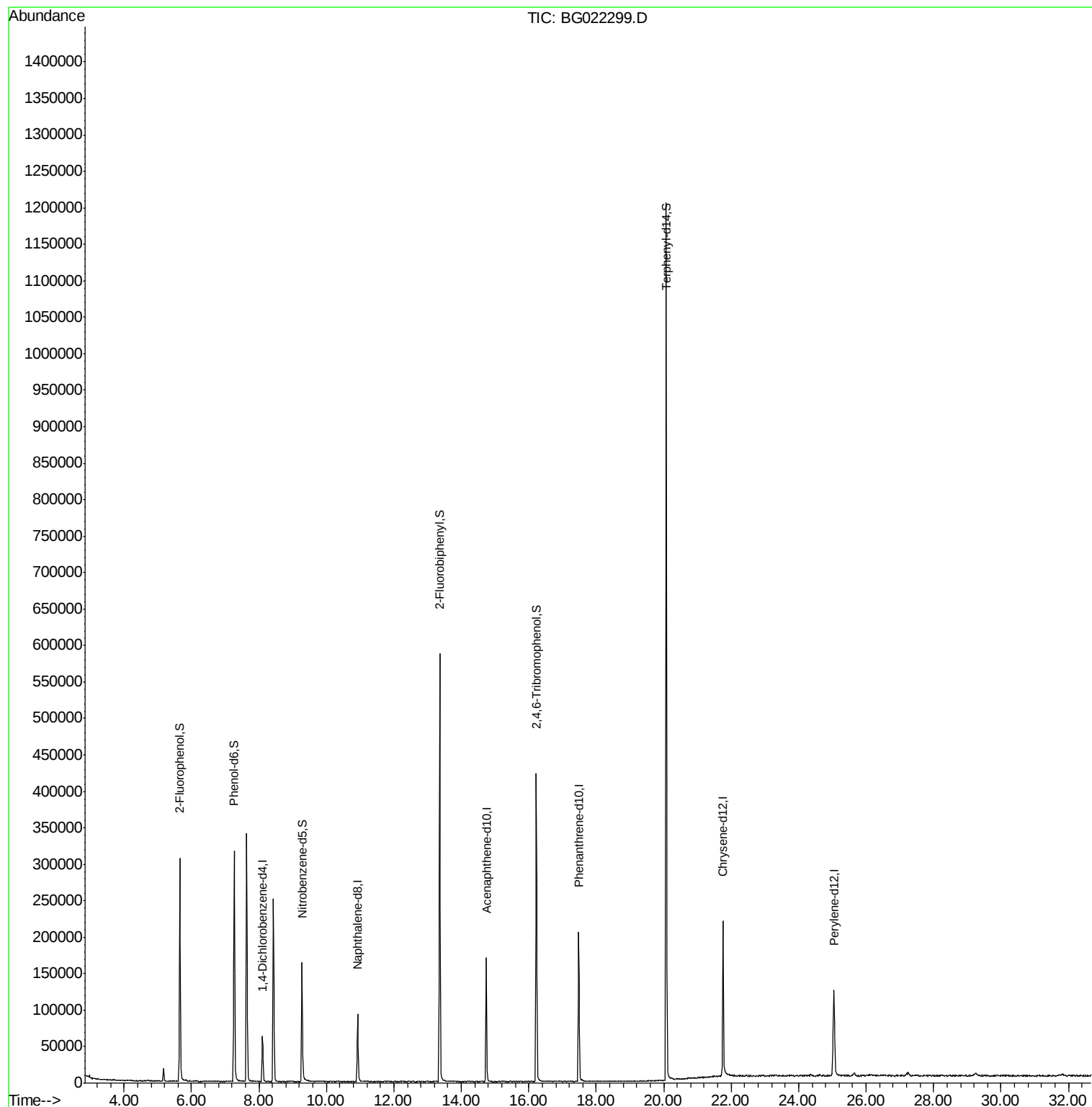
Target Compounds	Qvalue
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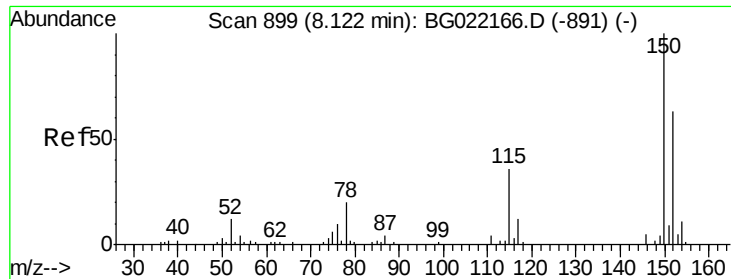
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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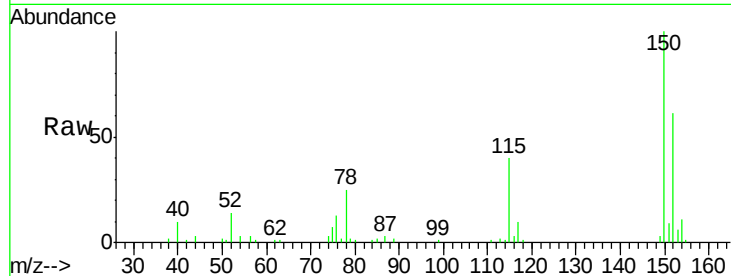


#1

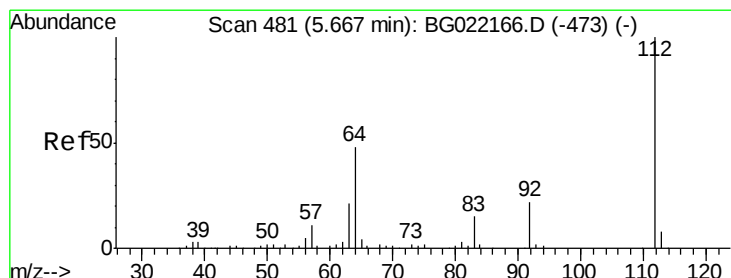
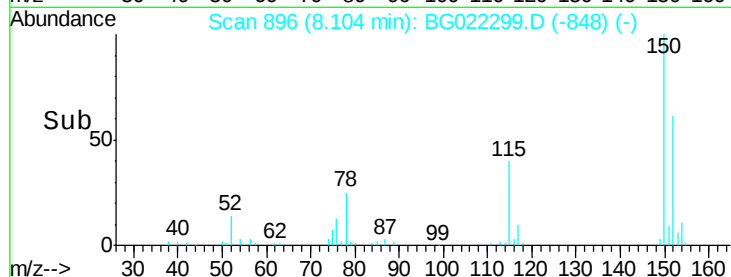
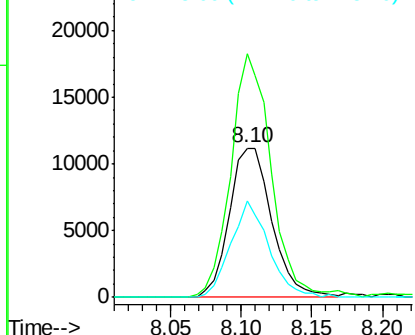
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BG022299.D
 Acq: 10 Jun 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BL

Tgt Ion:152 Resp: 23569
 Ion Ratio Lower Upper
 152 100
 150 162.9 130.1 195.1
 115 64.6 62.2 93.2



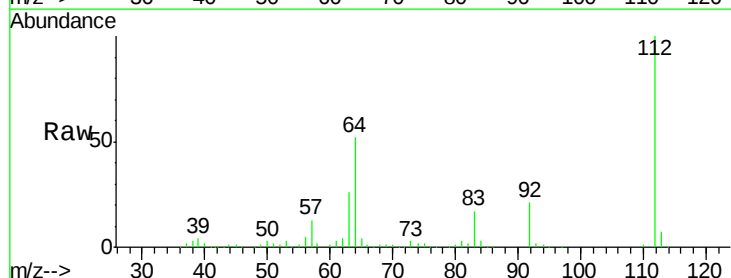
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



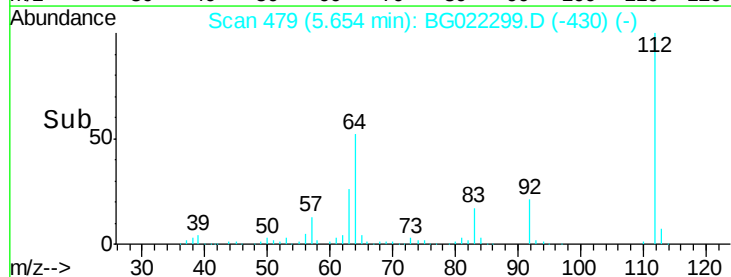
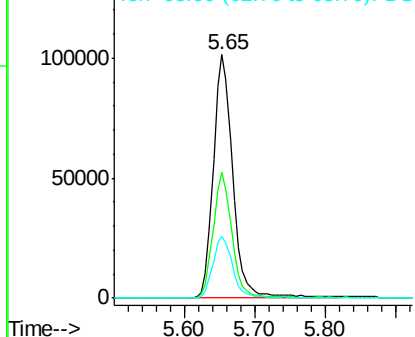
#5

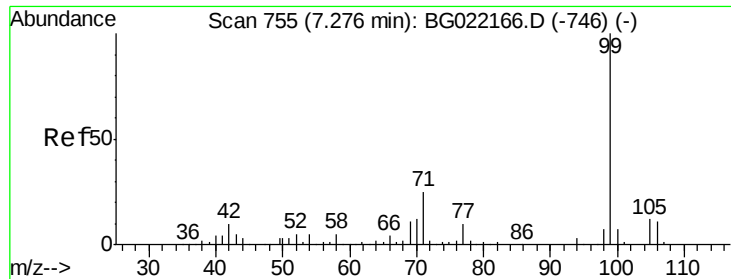
2-Fluorophenol
 Concen: 160.16 ng
 RT: 5.65 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BG022299.D
 Acq: 10 Jun 2016 22:23

Tgt Ion:112 Resp: 195239
 Ion Ratio Lower Upper
 112 100
 64 51.7 51.1 76.7
 63 25.7 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: 144.77 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022299.D

Acq: 10 Jun 2016 22:23

Instrument :

BNA_G

ClientSampleId :

PB91195BL

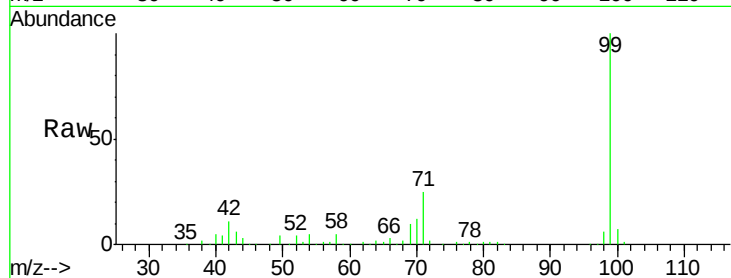
Tgt Ion: 99 Resp: 277467

Ion Ratio Lower Upper

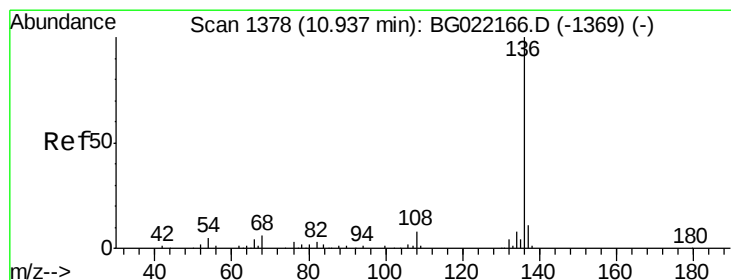
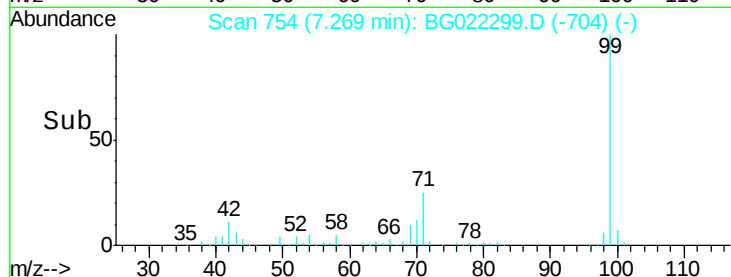
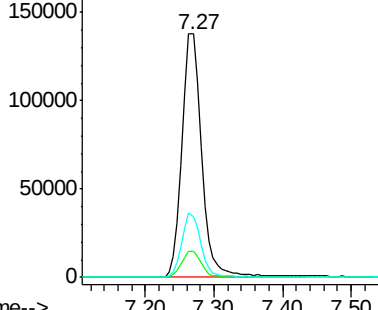
99 100

42 10.7 16.4 24.6#

71 24.8 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: BG022299.D

Acq: 10 Jun 2016 22:23

Tgt Ion: 136 Resp: 110119

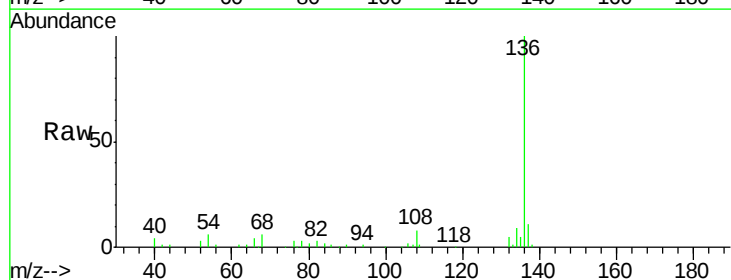
Ion Ratio Lower Upper

136 100

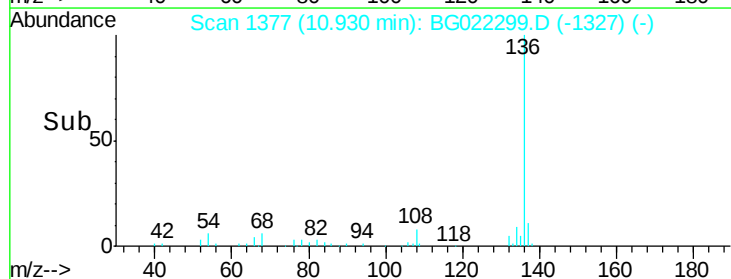
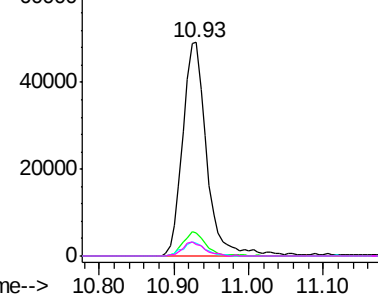
137 11.0 9.0 13.4

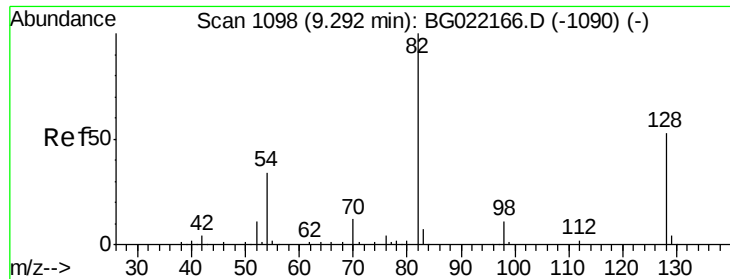
54 6.3 9.6 14.4#

68 5.7 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

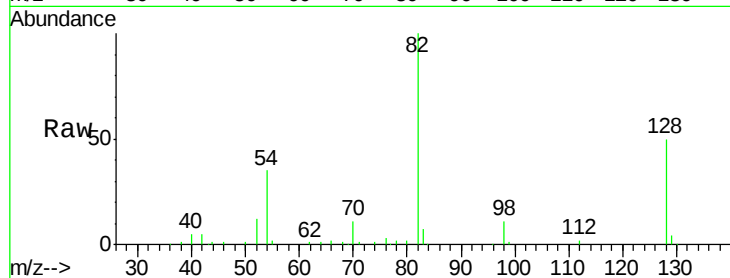




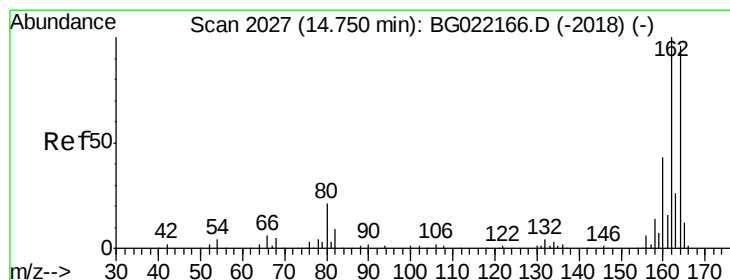
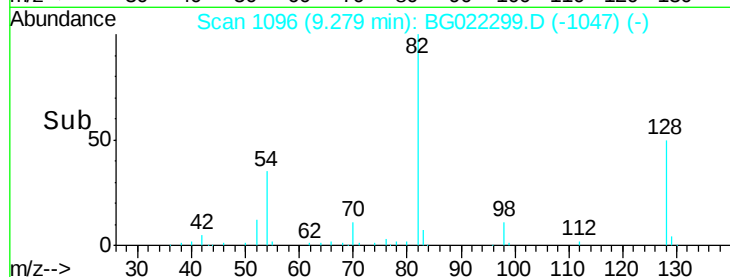
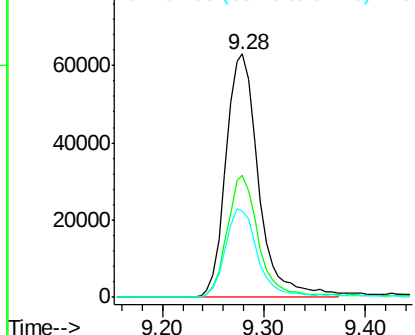
#23
 Nitrobenzene-d5
 Concen: 89.41 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022299.D
 Acq: 10 Jun 2016 22:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BL

Tgt Ion: 82 Resp: 141217
 Ion Ratio Lower Upper
 82 100
 128 49.9 33.4 50.0
 54 35.3 46.1 69.1#

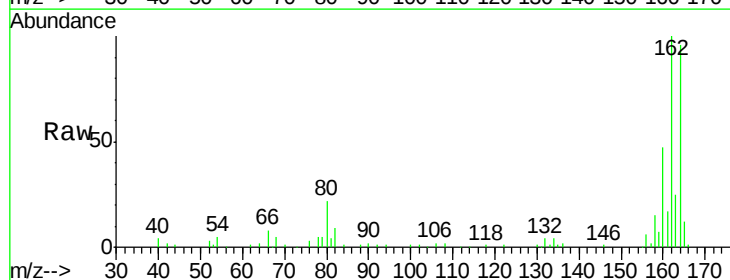


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

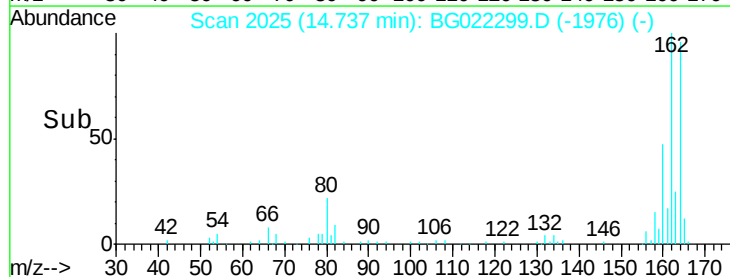
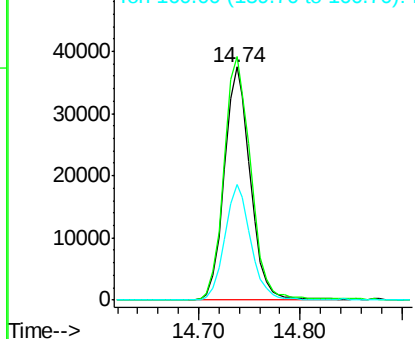


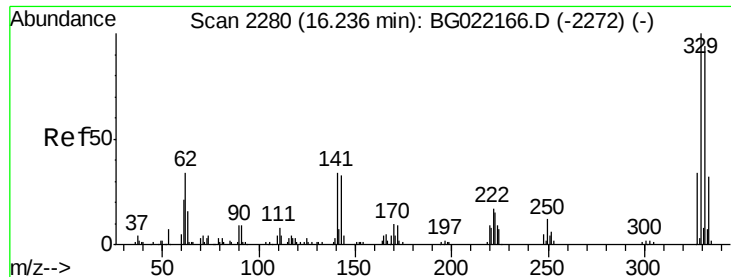
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022299.D
 Acq: 10 Jun 2016 22:23

Tgt Ion: 164 Resp: 66304
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.0 117.0
 160 49.4 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

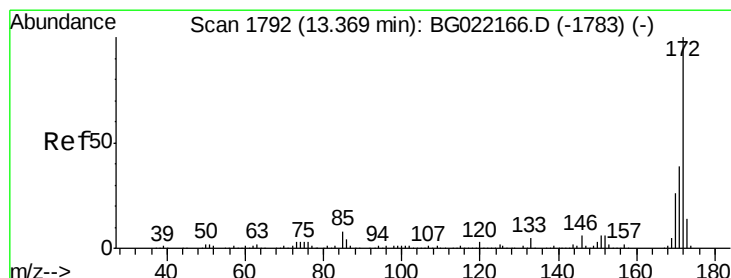
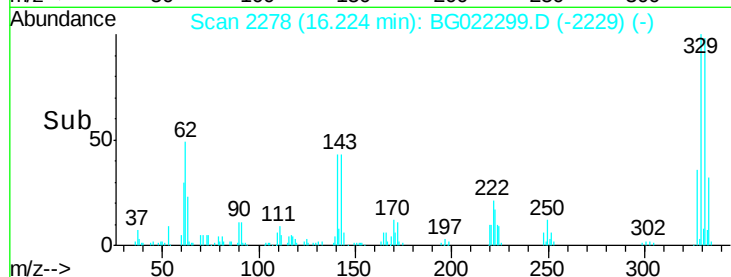
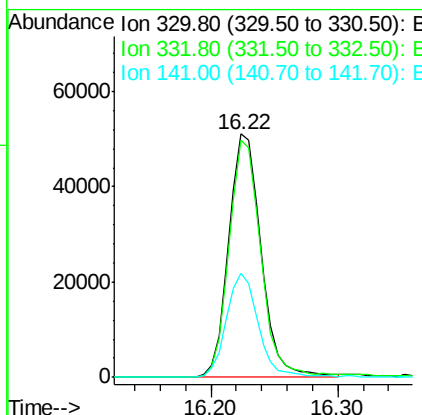
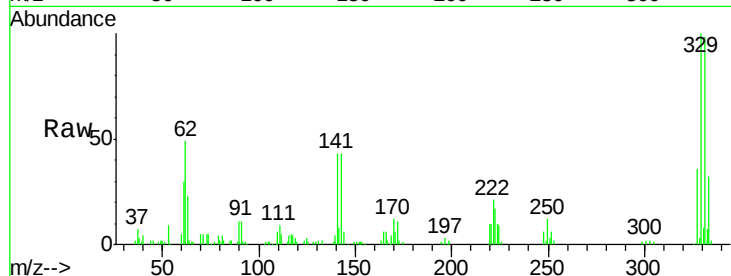




#41
 2,4,6-Tribromophenol
 Concen: 120.44 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG022299.D
 Acq: 10 Jun 2016 22:23

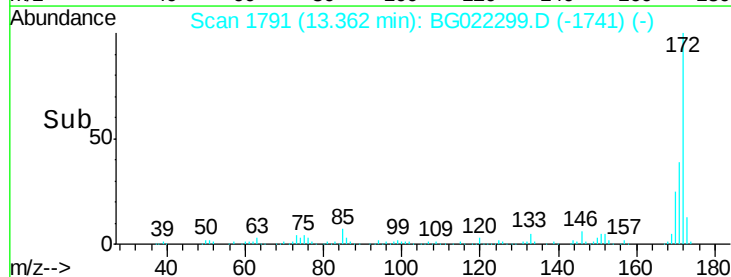
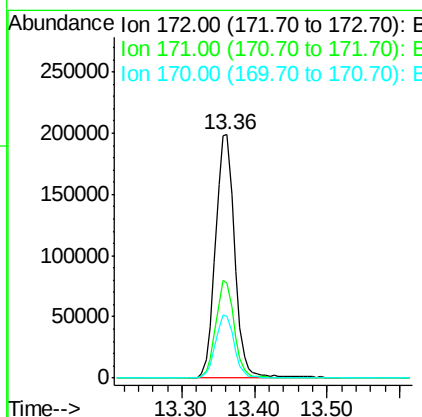
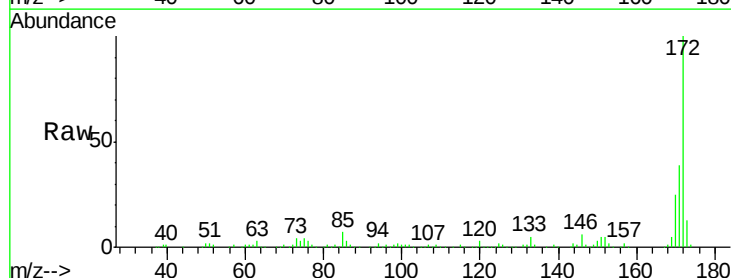
Instrument :
 BNA_G
 ClientSampleId :
 PB91195BL

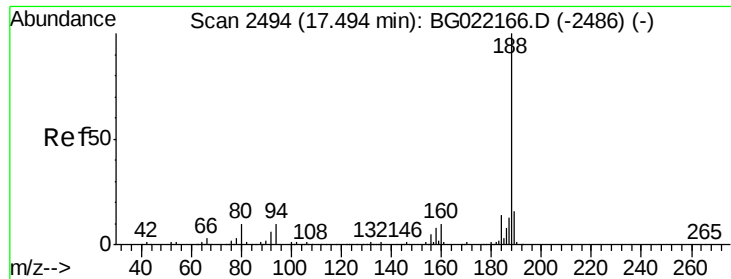
Tgt Ion:330 Resp: 90232
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.0 117.0
 141 42.2 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 84.68 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022299.D
 Acq: 10 Jun 2016 22:23

Tgt Ion:172 Resp: 368411
 Ion Ratio Lower Upper
 172 100
 171 39.2 27.8 41.6
 170 25.2 19.6 29.4

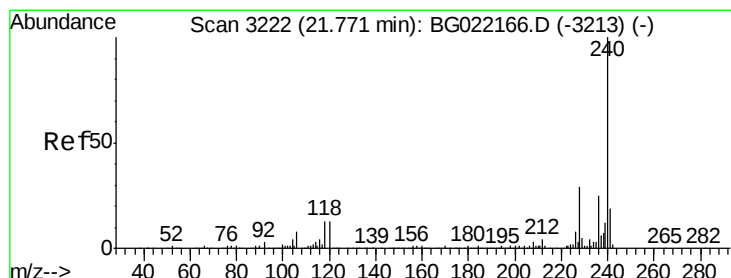
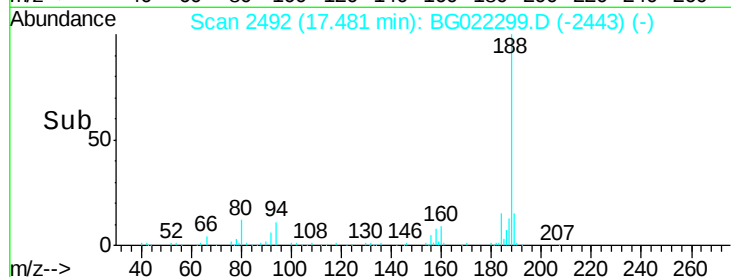
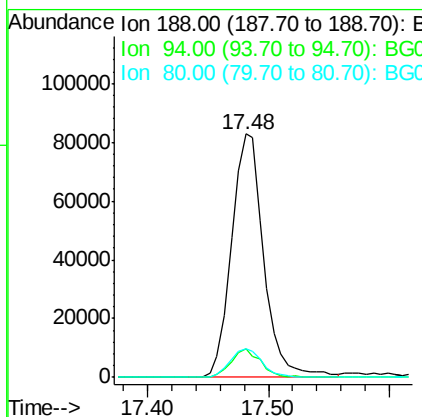
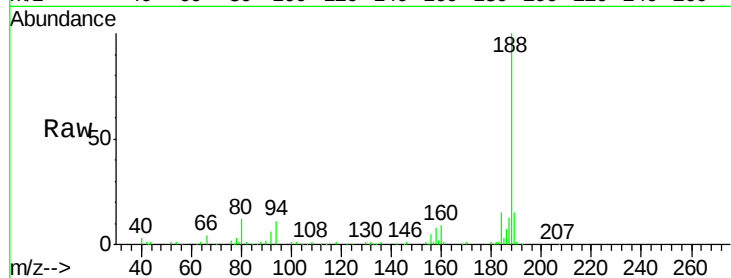




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG022299.D
Acq: 10 Jun 2016 22:23

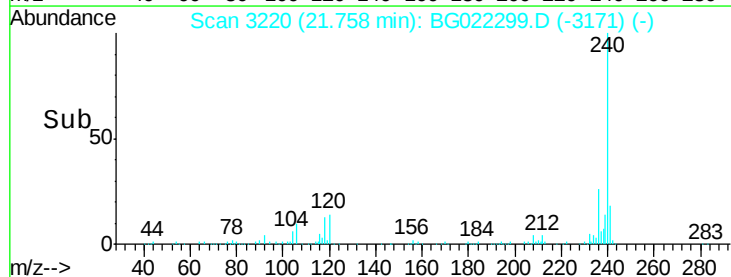
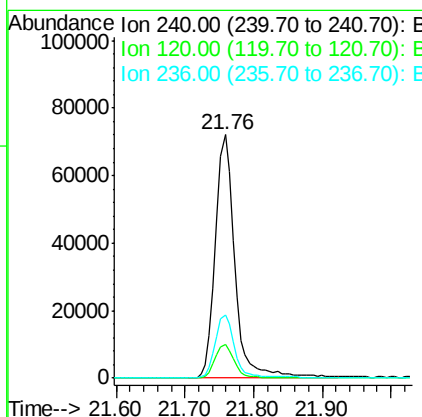
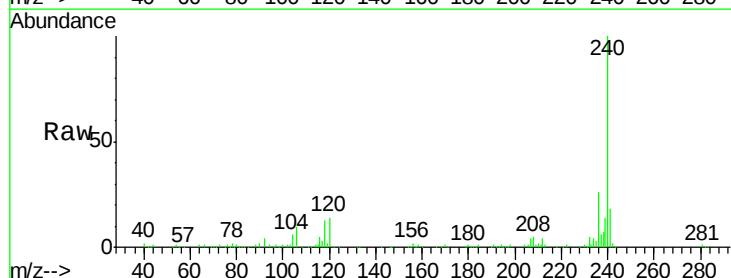
Instrument :
BNA_G
ClientSampled :
PB91195BL

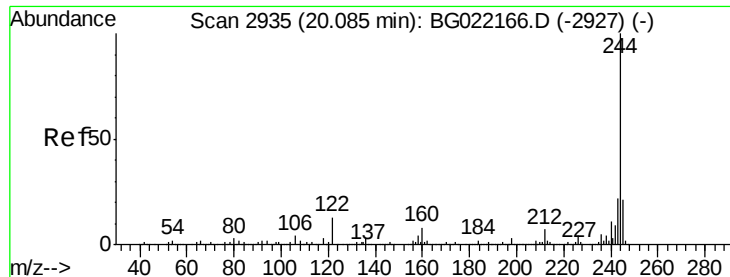
Tgt Ion:188 Resp: 153723
Ion Ratio Lower Upper
188 100
94 11.5 7.5 11.3#
80 11.8 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG022299.D
Acq: 10 Jun 2016 22:23

Tgt Ion:240 Resp: 143698
Ion Ratio Lower Upper
240 100
120 13.6 8.4 12.6#
236 26.1 19.6 29.4





#78

Terphenyl-d14

Concen: 96.23 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022299.D

Acq: 10 Jun 2016 22:23

Instrument :

BNA_G

ClientSampleId :

PB91195BL

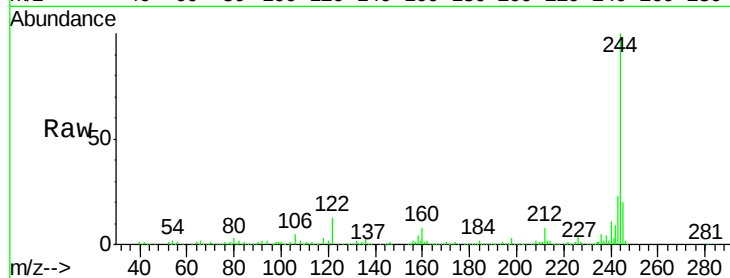
Tgt Ion:244 Resp: 582479

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

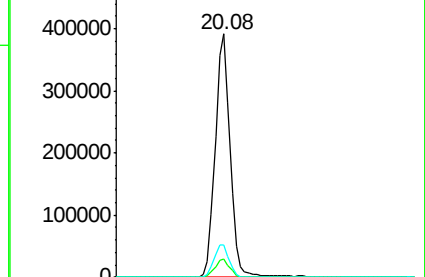
122 13.1 8.6 12.8#



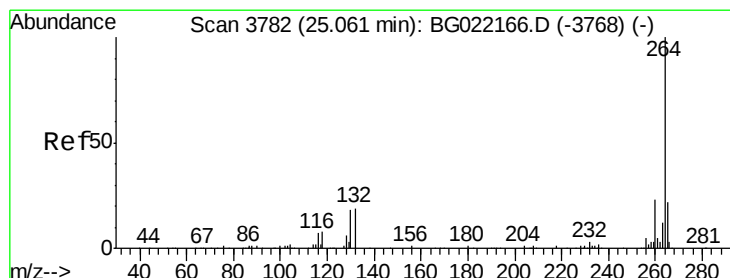
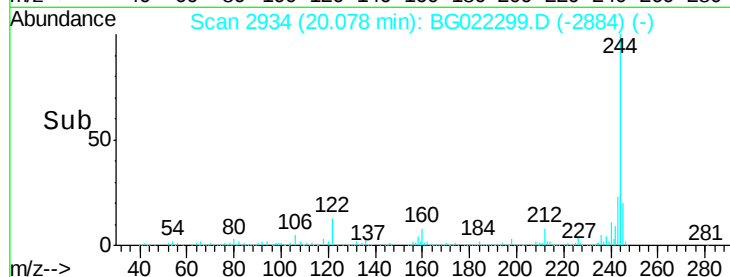
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BG022299.D

Acq: 10 Jun 2016 22:23

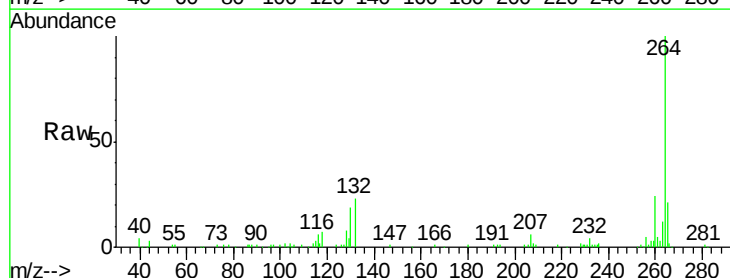
Tgt Ion:264 Resp: 134288

Ion Ratio Lower Upper

264 100

260 23.6 20.2 30.4

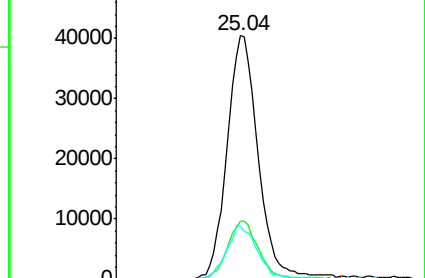
265 21.5 17.8 26.8



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



Time-->

