

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022502.D
 Acq On : 23 Jun 2016 3:09
 Operator : UM/SJ
 Sample : PB91536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 05:06:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	25310	20.00	ng	-0.02
21) Naphthalene-d8	10.79	136	134625	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	98284	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	209569	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	124609	20.00	ng	-0.02
86) Perylene-d12	24.81	264	112976	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	236232	180.46	ng	-0.03
7) Phenol-d6	7.16	99	352144	171.09	ng	-0.03
23) Nitrobenzene-d5	9.15	82	179097	92.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	116730	105.11	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	543234	84.23	ng	0.00
78) Terphenyl-d14	19.96	244	581221	110.74	ng	-0.01

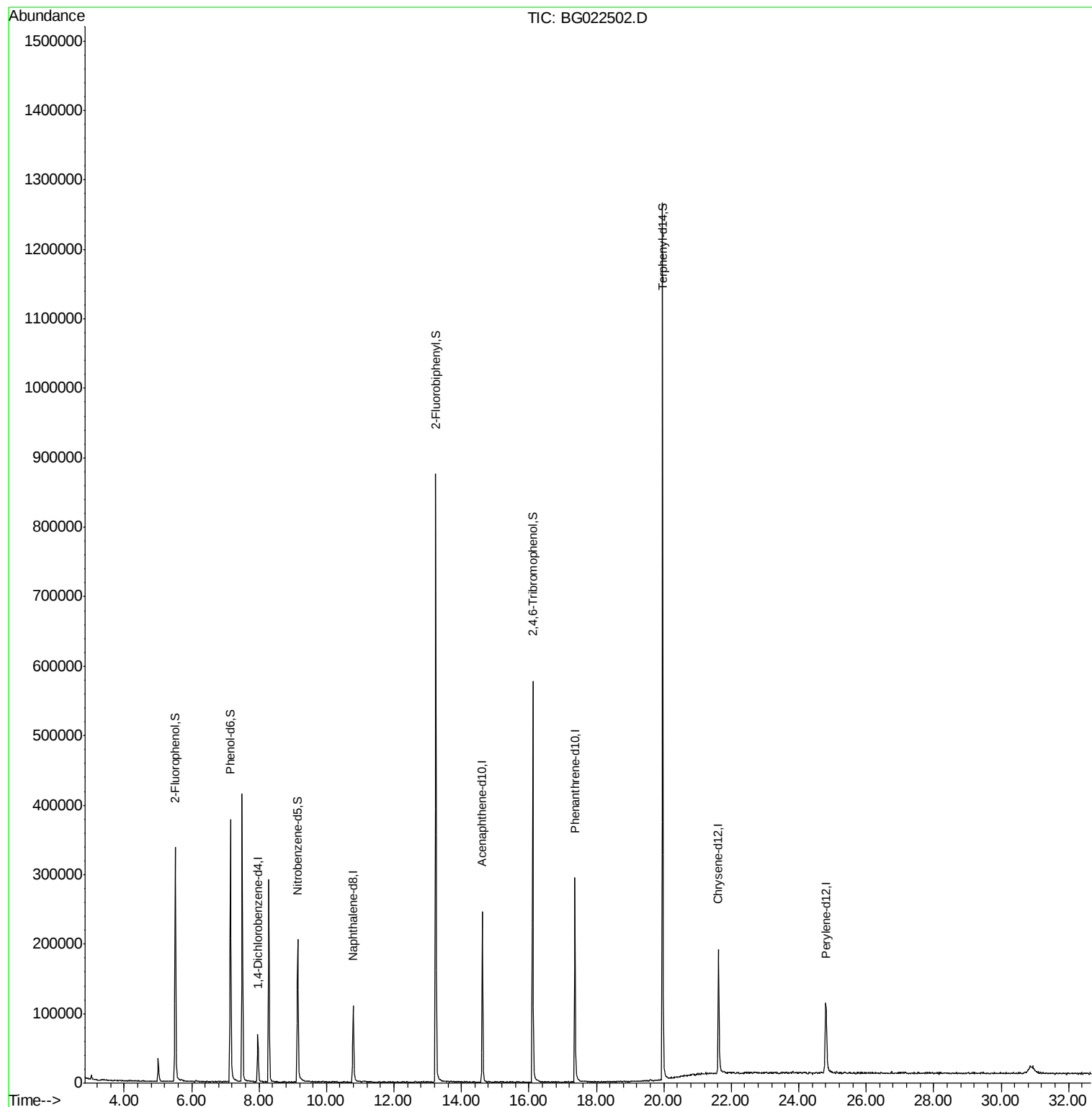
Target Compounds Qvalue

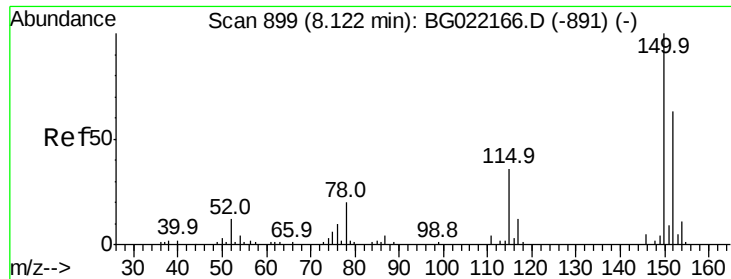
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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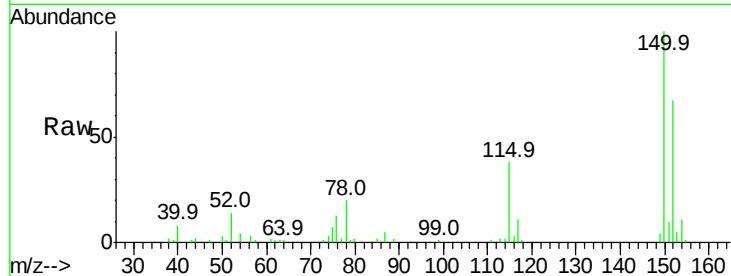


#1

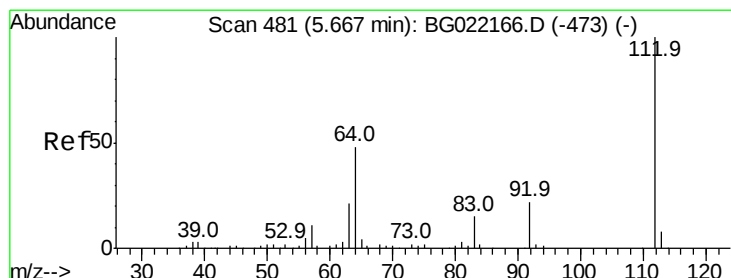
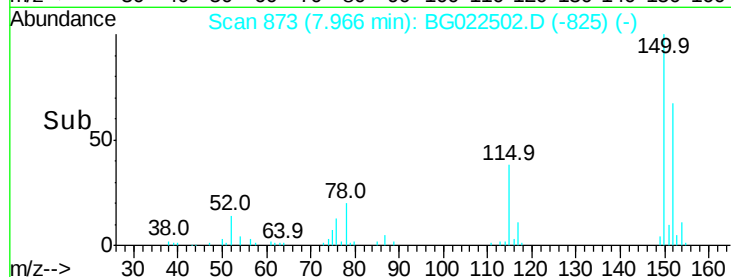
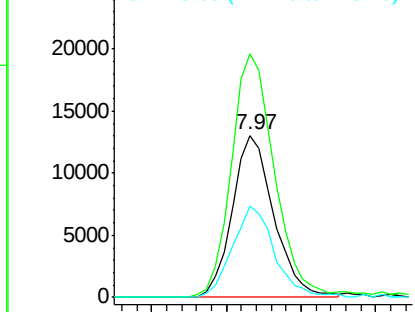
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 873
Delta R.T. -0.02 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25310
Ion Ratio Lower Upper
152 100
150 150.2 130.1 195.1
115 56.3 62.2 93.2#



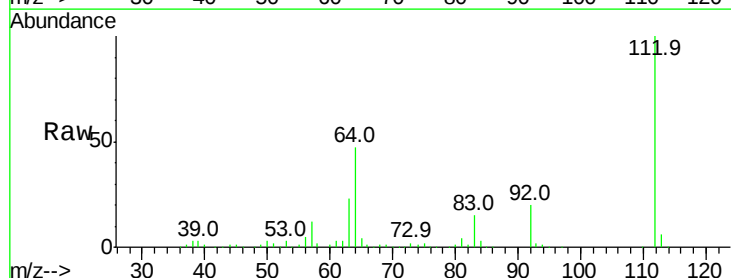
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



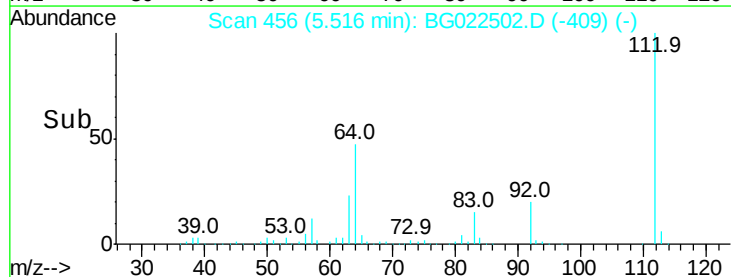
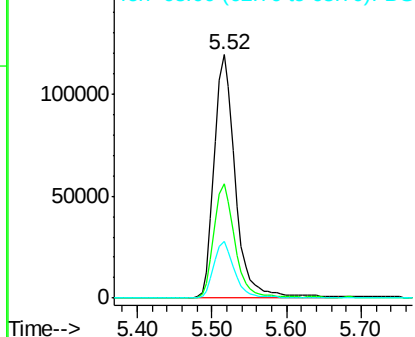
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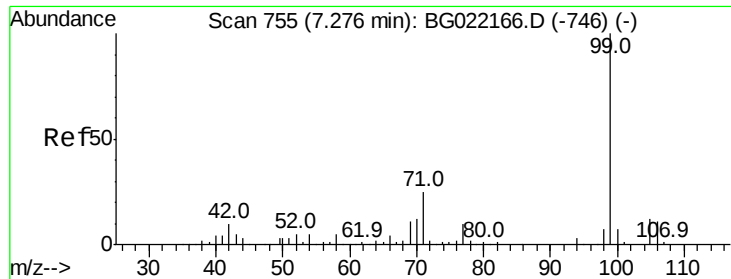
2-Fluorophenol
Concen: 180.46 ng
RT: 5.52 min Scan# 456
Delta R.T. -0.03 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Tgt Ion:112 Resp: 236232
Ion Ratio Lower Upper
112 100
64 46.9 51.1 76.7#
63 23.3 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: 171.09 ng

RT: 7.16 min Scan# 735

Delta R.T. -0.03 min

Lab File: BG022502.D

Acq: 23 Jun 2016 3:09

Instrument :

BNA_G

ClientSampleId :

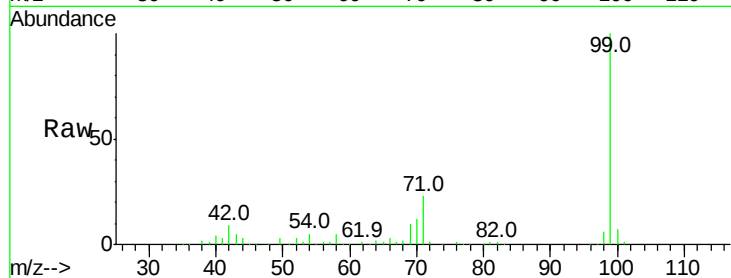
Tot Ion: 99 Resp: 352144

Ion Ratio Lower Upper

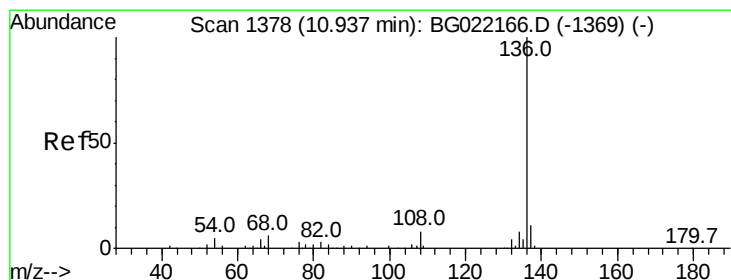
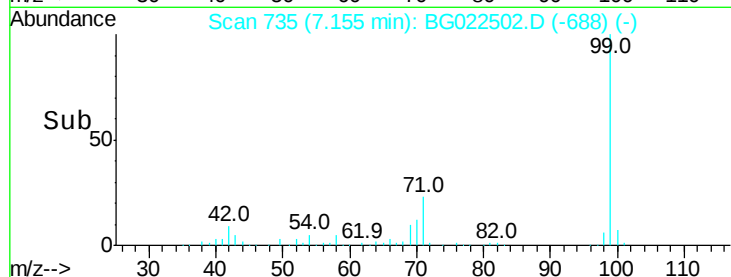
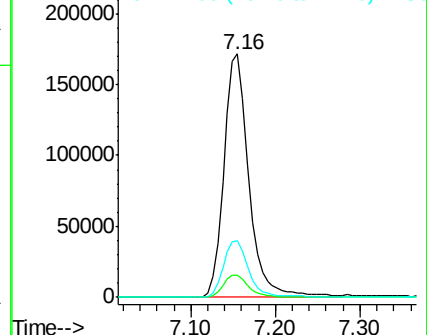
99 100

42 9.3 16.4 24.6#

71 23.5 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: 10.79 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BG022502.D

Acq: 23 Jun 2016 3:09

Tgt Ion: 136 Resp: 134625

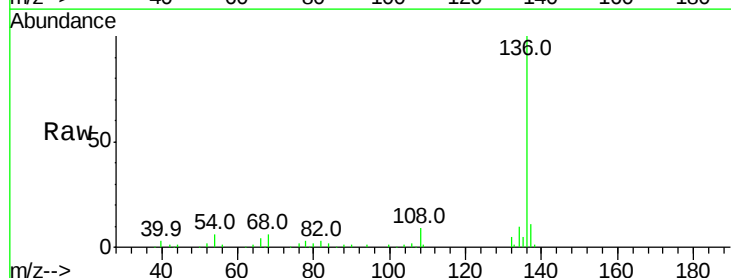
Ion Ratio Lower Upper

136 100

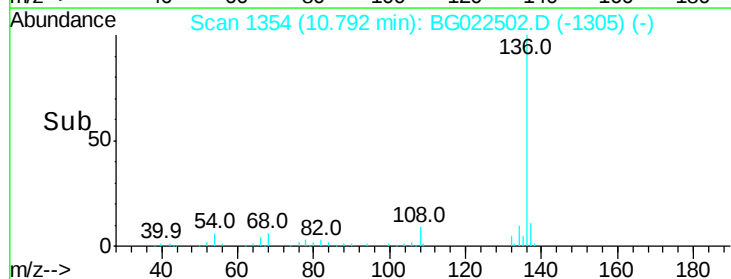
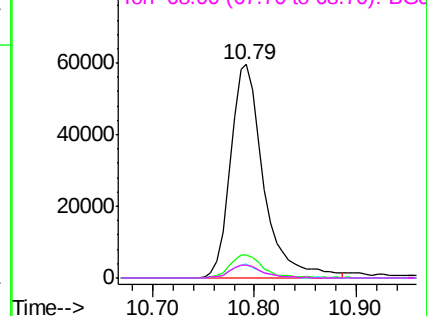
137 11.0 9.0 13.4

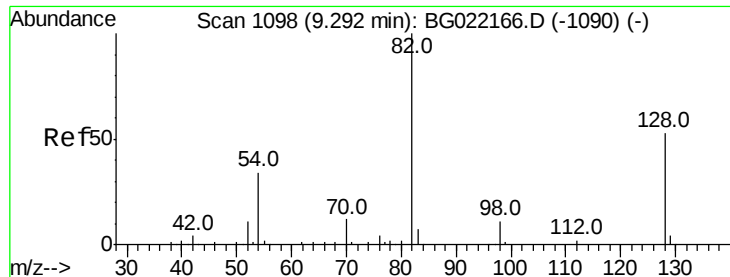
54 6.5 9.6 14.4#

68 6.3 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

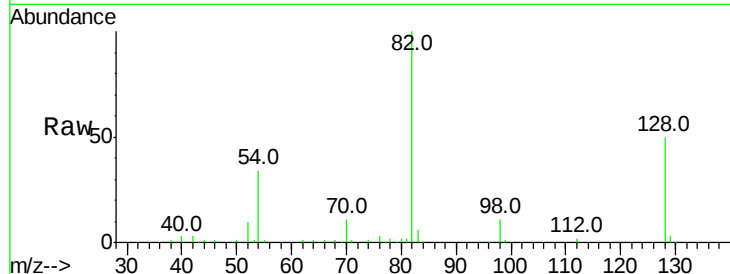




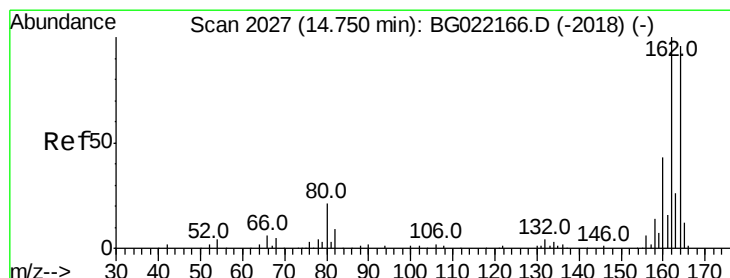
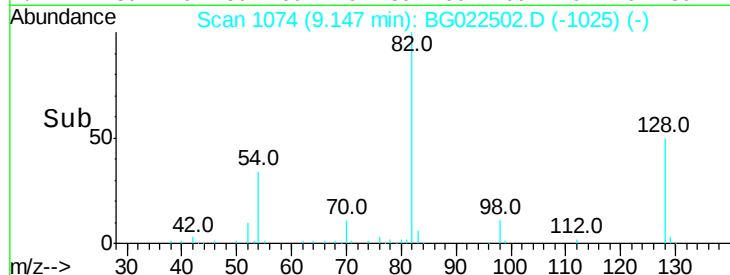
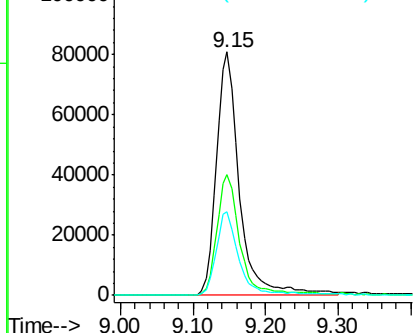
#23
Nitrobenzene-d5
Concen: 92.75 ng
RT: 9.15 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 179097
Ion Ratio Lower Upper
82 100
128 49.7 33.4 50.0
54 34.1 46.1 69.1#

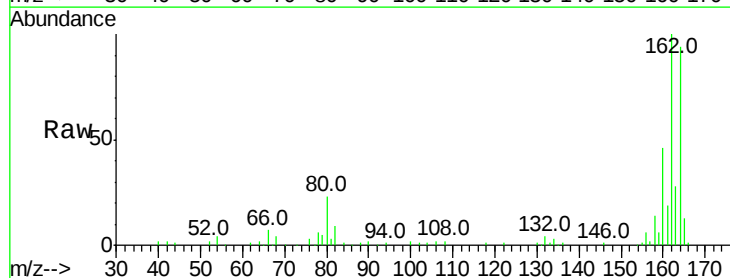


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

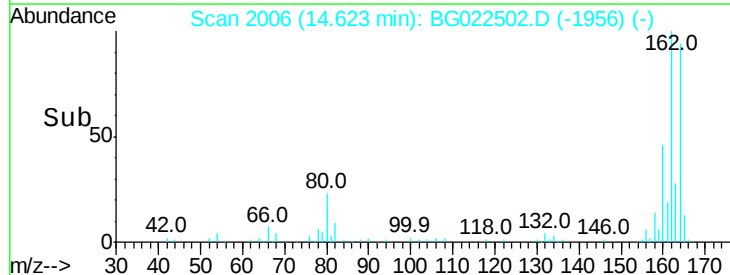
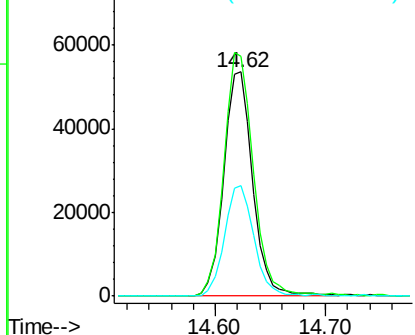


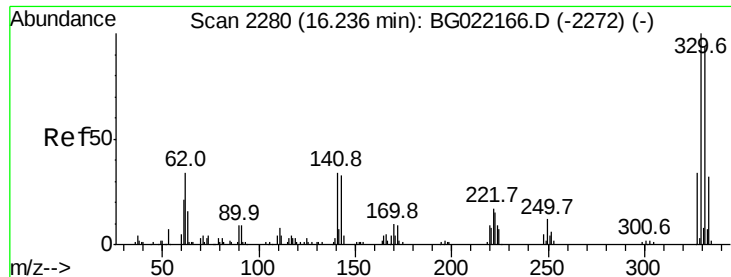
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Tgt Ion:164 Resp: 98284
Ion Ratio Lower Upper
164 100
162 106.9 78.0 117.0
160 49.2 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

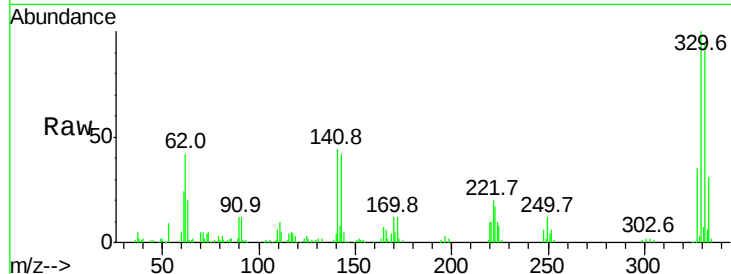




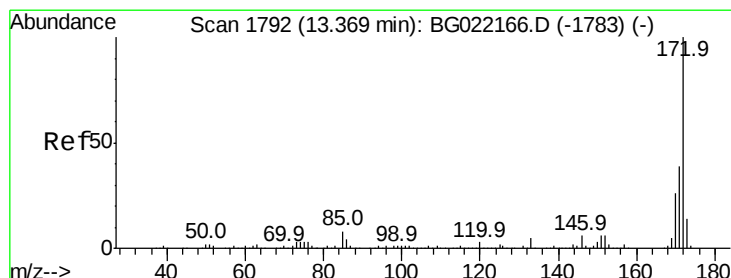
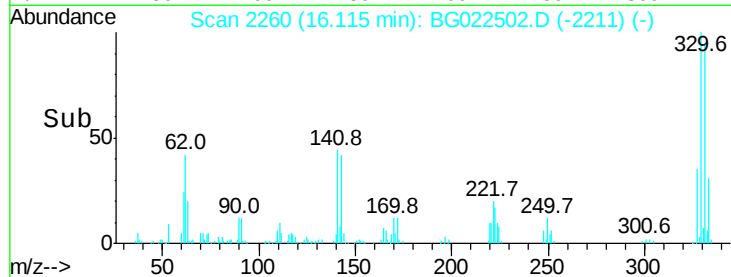
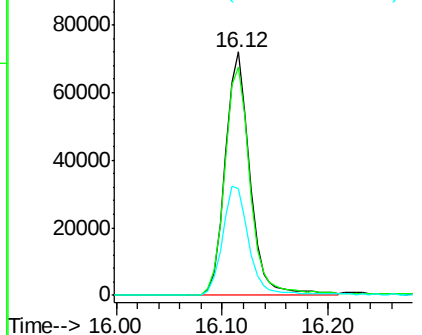
#41
 2,4,6-Tribromophenol
 Concen: 105.11 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG022502.D
 Acq: 23 Jun 2016 3:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 116730
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.0 117.0
 141 48.1 33.8 50.8

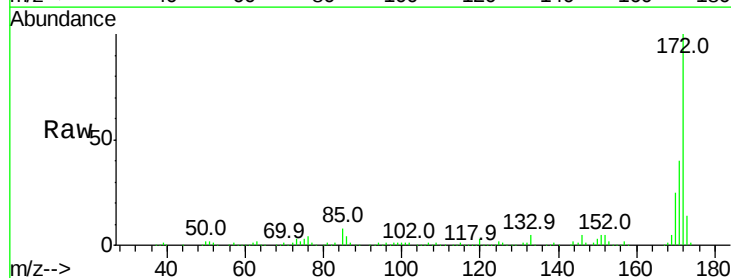


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

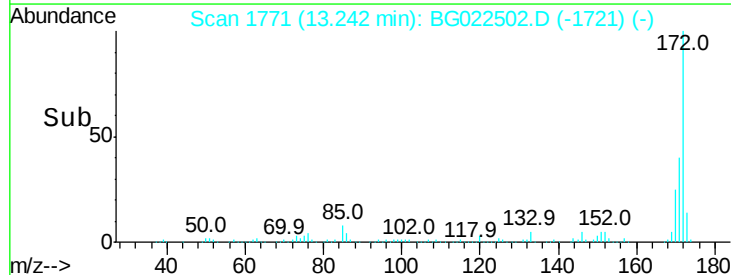
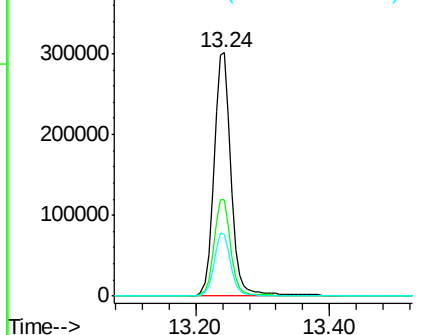


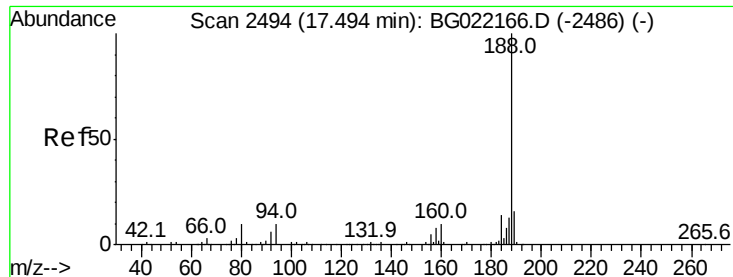
#44
 2-Fluorobiphenyl
 Concen: 84.23 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG022502.D
 Acq: 23 Jun 2016 3:09

Tgt Ion:172 Resp: 543234
 Ion Ratio Lower Upper
 172 100
 171 39.7 27.8 41.6
 170 25.5 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

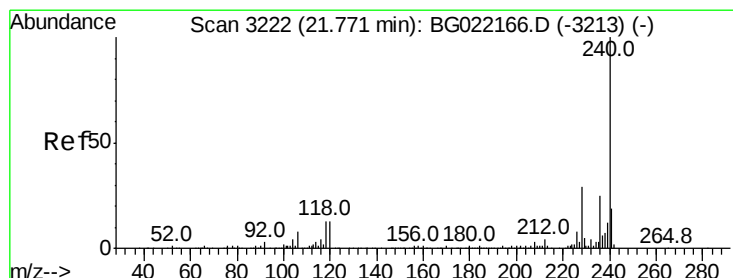
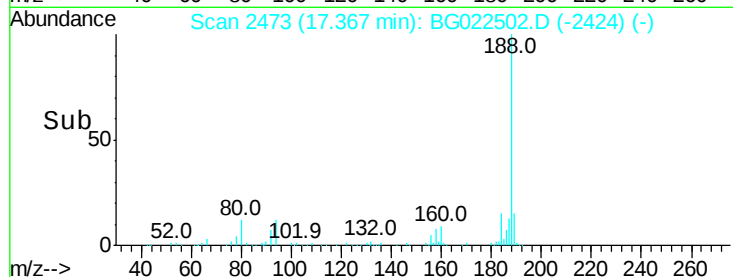
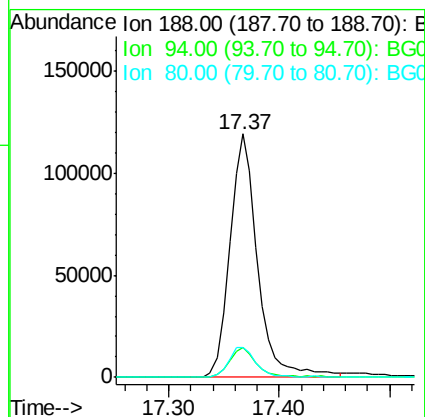
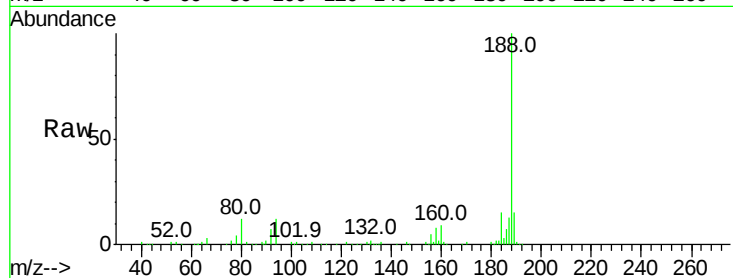




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG022502.D
 Acq: 23 Jun 2016 3:09

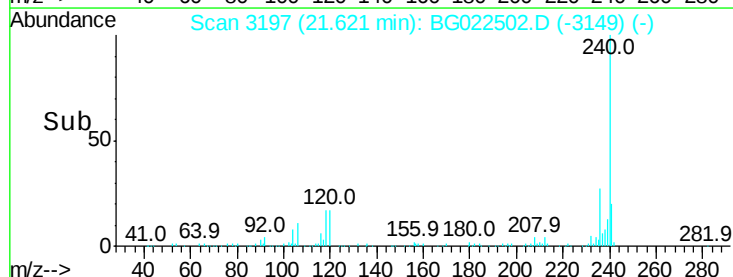
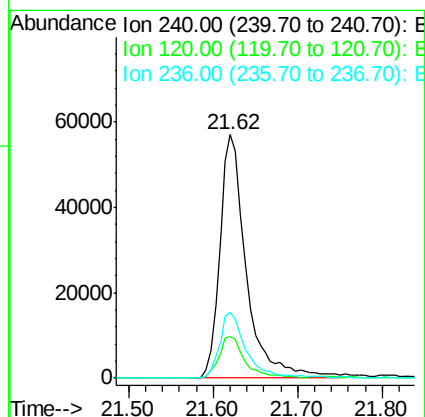
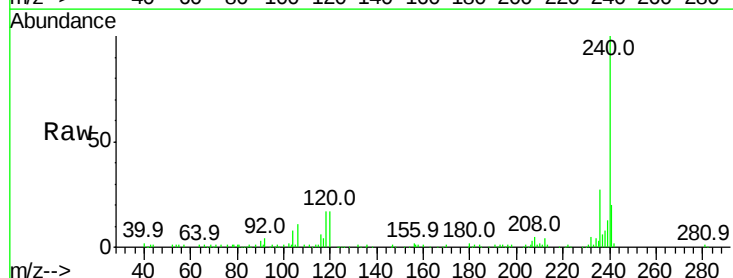
Instrument :
 BNA_G
 ClientSampleId :

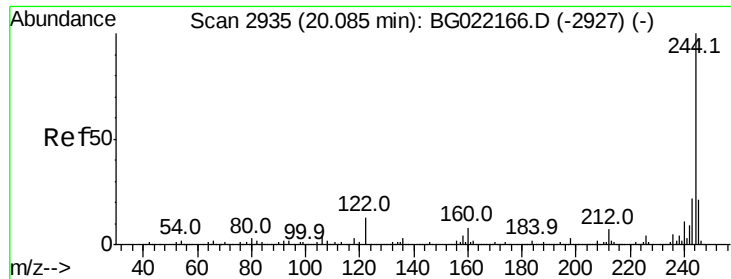
Tot Ion:188 Resp: 209569
 Ion Ratio Lower Upper
 188 100
 94 12.1 7.5 11.3#
 80 12.5 8.6 13.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.02 min
 Lab File: BG022502.D
 Acq: 23 Jun 2016 3:09

Tgt Ion:240 Resp: 124609
 Ion Ratio Lower Upper
 240 100
 120 16.7 8.4 12.6#
 236 27.1 19.6 29.4





#78

Terphenyl-d14

Concen: 110.74 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG022502.D

Acq: 23 Jun 2016 3:09

Instrument :

BNA_G

ClientSampleId :

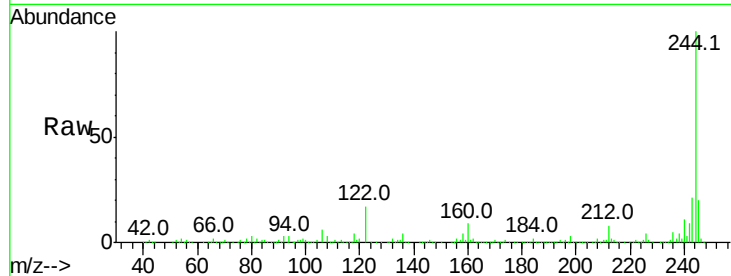
Tot Ion:244 Resp: 581221

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

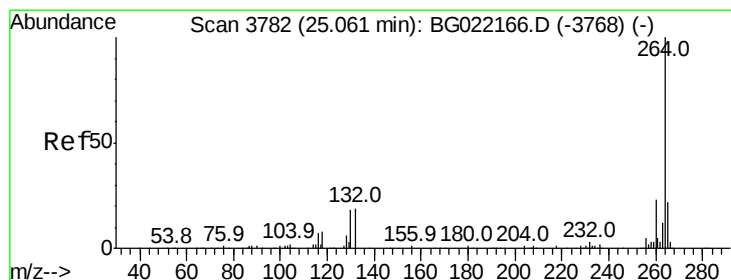
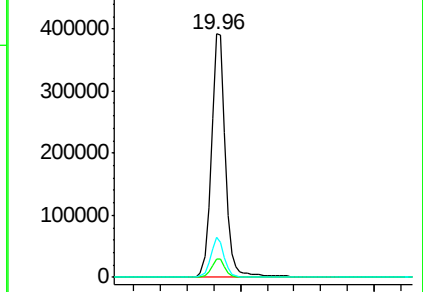
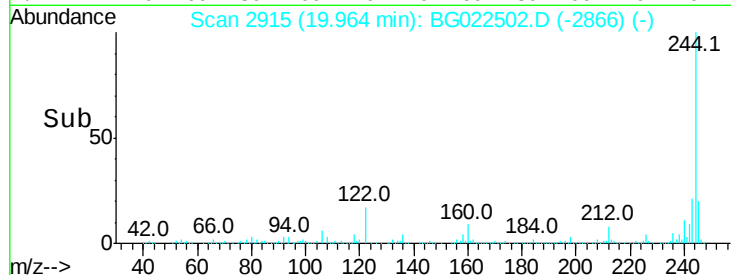
122 16.7 8.6 12.8#



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: 24.81 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG022502.D

Acq: 23 Jun 2016 3:09

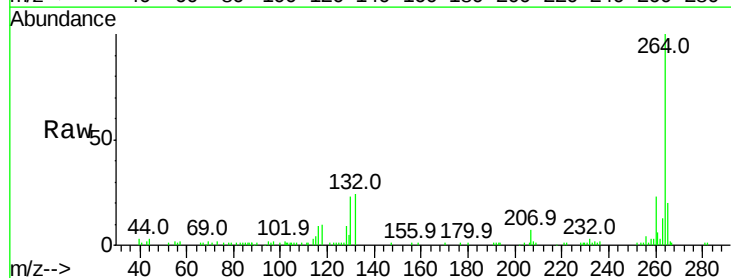
Tgt Ion:264 Resp: 112976

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.4

265 20.3 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

