

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027891.D
 Acq On : 10 Jul 2017 17:30
 Operator : SJ/JU
 Sample : PB100512BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100512BL

Quant Time: Jul 11 07:27:30 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	40791	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	183284	20.00	ng	-0.01
38) Acenaphthene-d10	15.02	164	103348	20.00	ng	0.00
63) Phenanthrene-d10	17.76	188	262936	20.00	ng	-0.01
75) Chrysene-d12	22.11	240	313624	20.00	ng	-0.02
86) Perylene-d12	25.67	264	307815	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	363565	137.25	ng	-0.01
7) Phenol-d6	7.56	99	483863	119.57	ng	-0.01
23) Nitrobenzene-d5	9.58	82	248307	75.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	234660	165.54	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	680453	94.03	ng	-0.01
78) Terphenyl-d14	20.35	244	1291463	96.54	ng	0.00

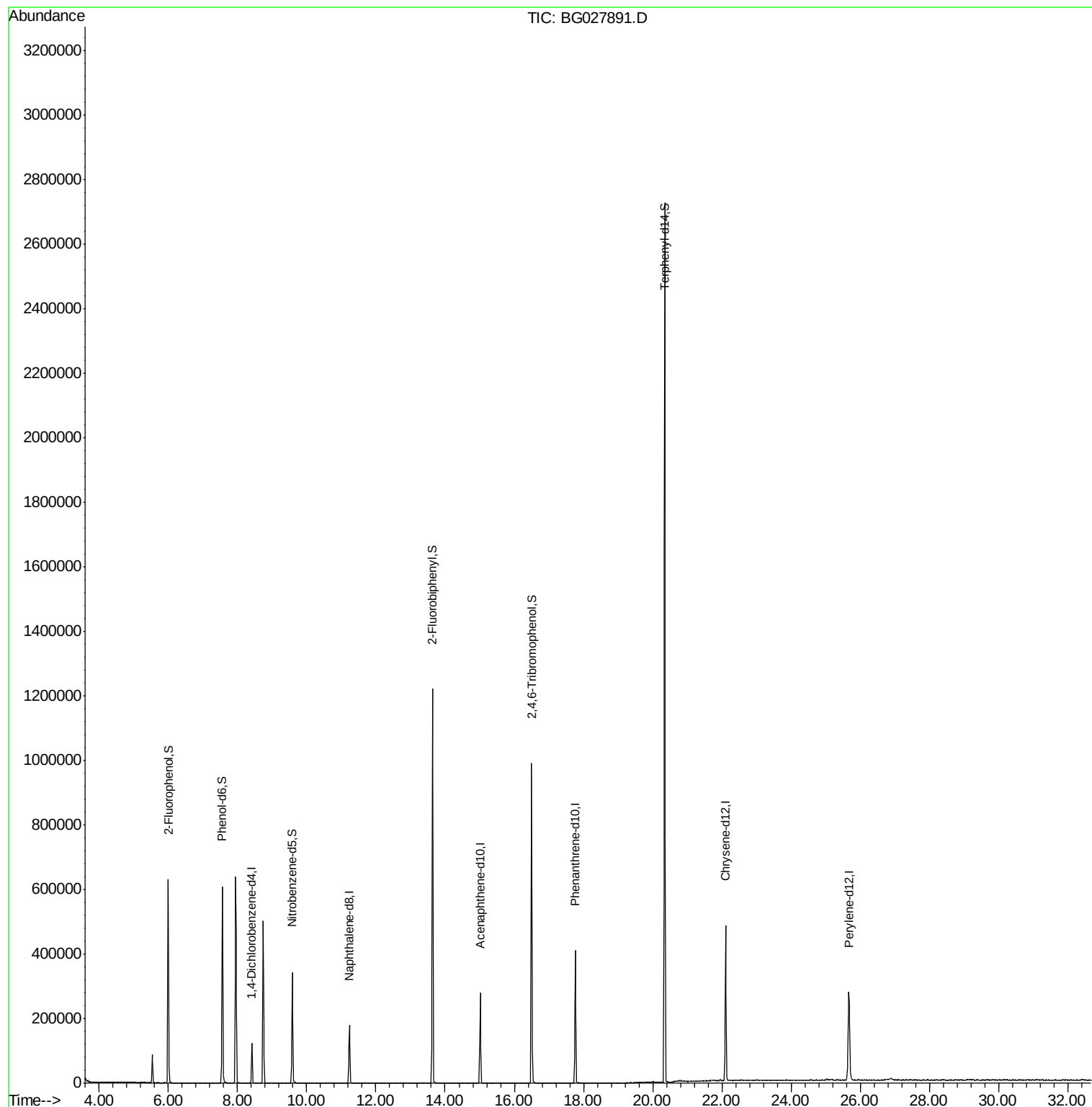
Target Compounds	Qvalue
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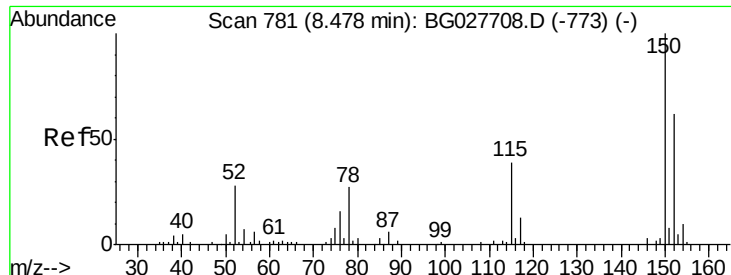
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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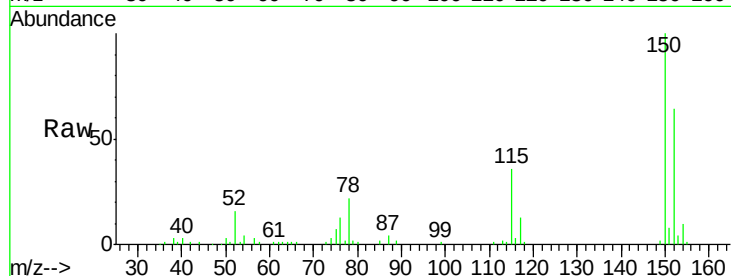


#1

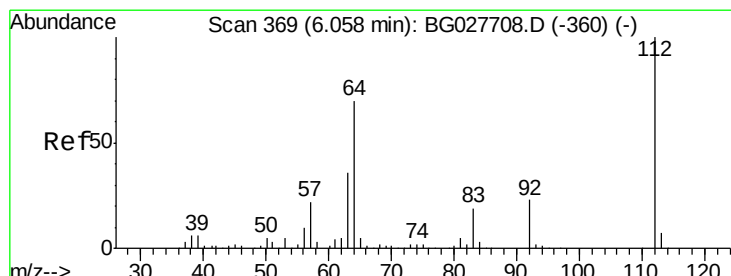
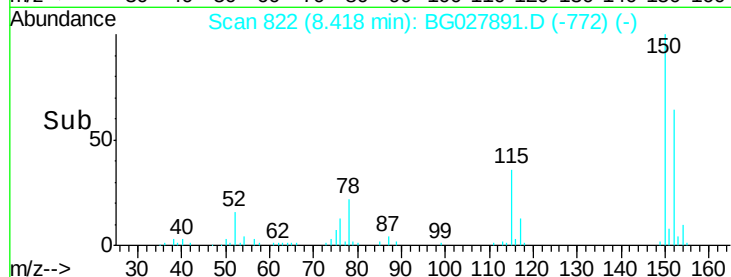
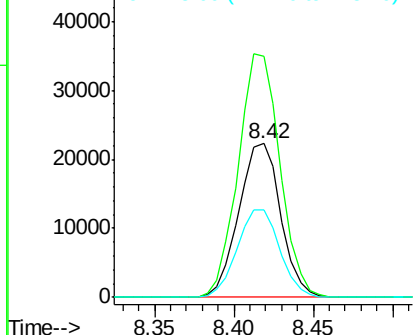
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :
PB100512BL

Tgt Ion:152 Resp: 40791
Ion Ratio Lower Upper
152 100
150 157.1 114.0 171.0
115 57.0 48.1 72.1



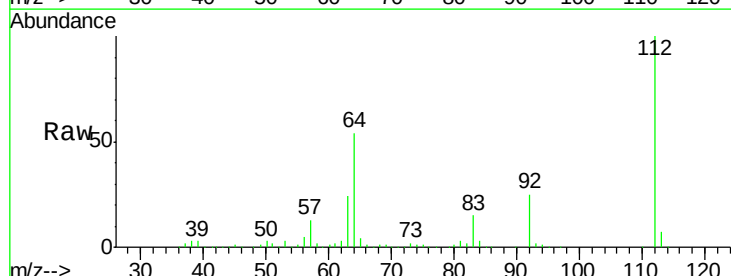
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



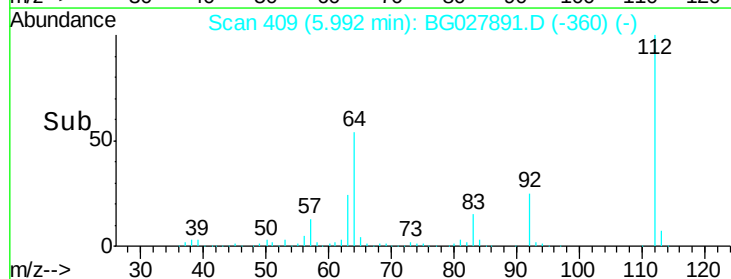
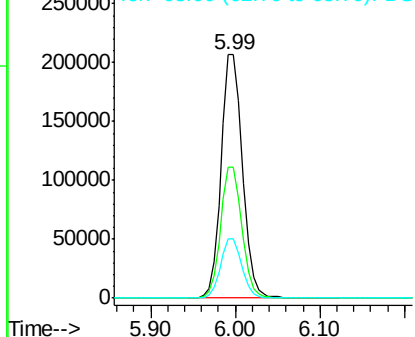
#5

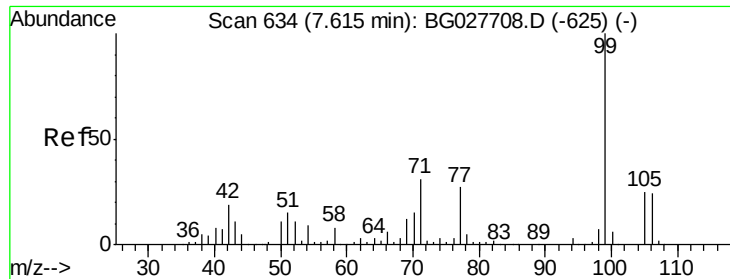
2-Fluorophenol
Concen: 137.250 ng
RT: 5.99 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:112 Resp: 363565
Ion Ratio Lower Upper
112 100
64 53.9 61.8 92.6#
63 24.2 37.2 55.8#



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: 119.569 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

Instrument :

BNA_G

ClientSampleId :

PB100512BL

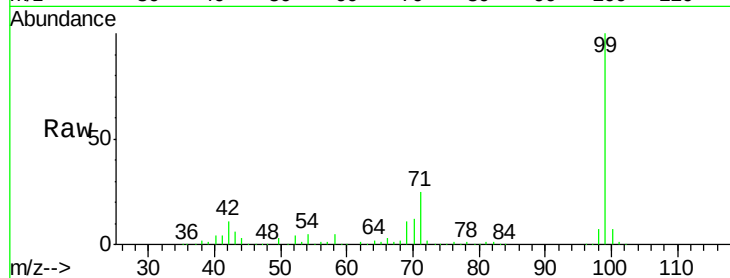
Tgt Ion: 99 Resp: 483863

Ion Ratio Lower Upper

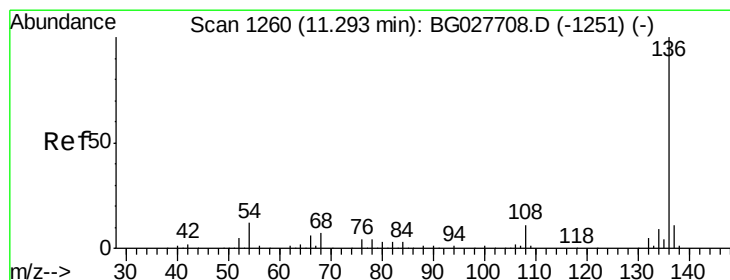
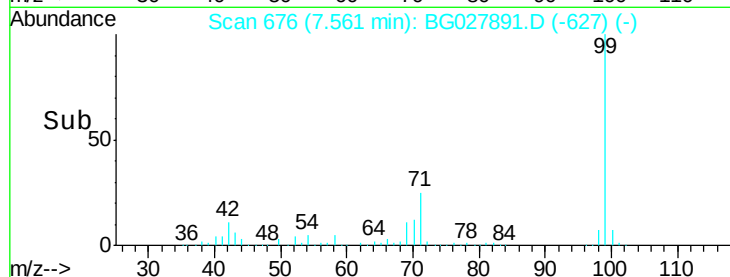
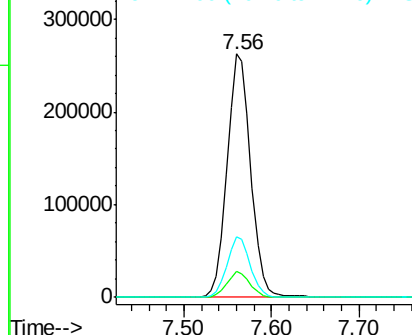
99 100

42 10.7 20.5 30.7#

71 24.8 37.6 56.4#



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: 20.000 ng

RT: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

Tgt Ion: 136 Resp: 183284

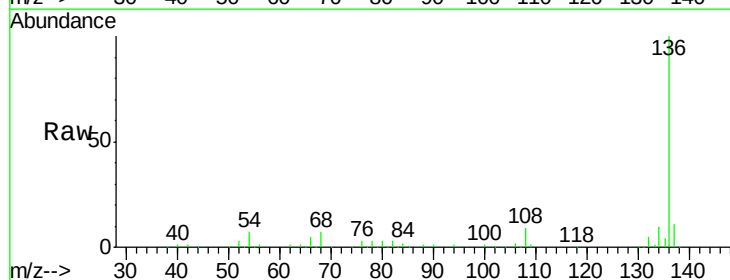
Ion Ratio Lower Upper

136 100

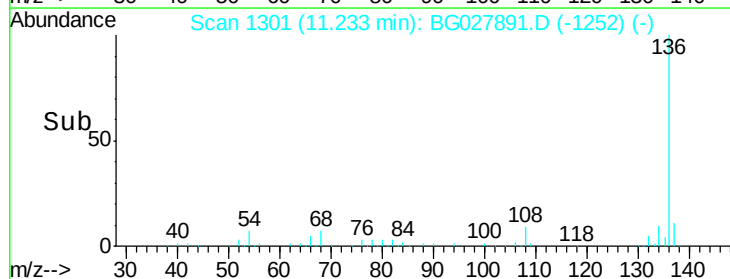
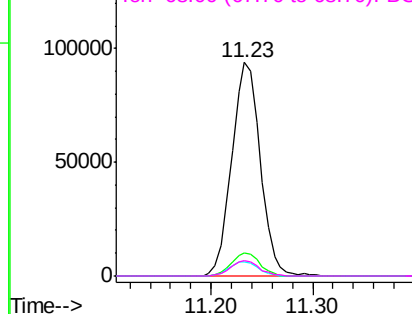
137 10.8 8.9 13.3

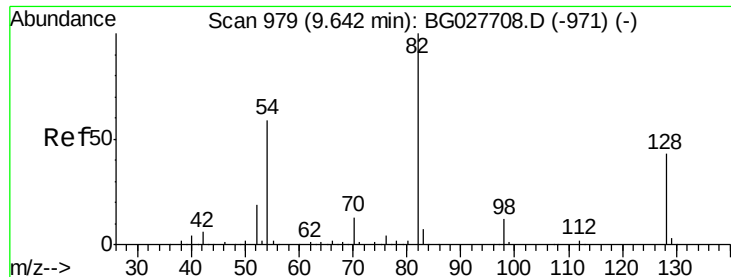
54 6.7 9.3 13.9#

68 7.2 5.1 7.7



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

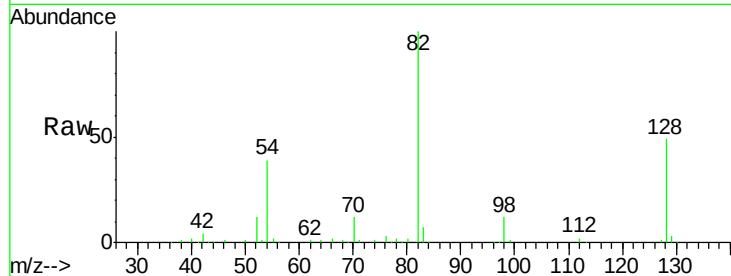




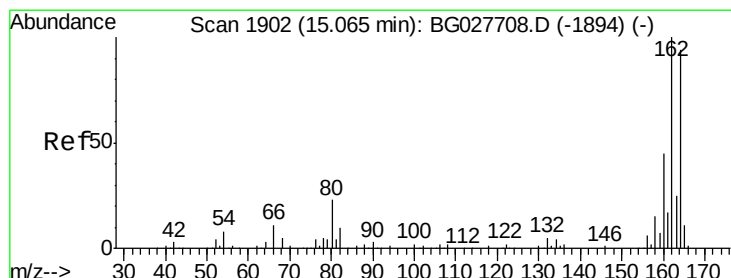
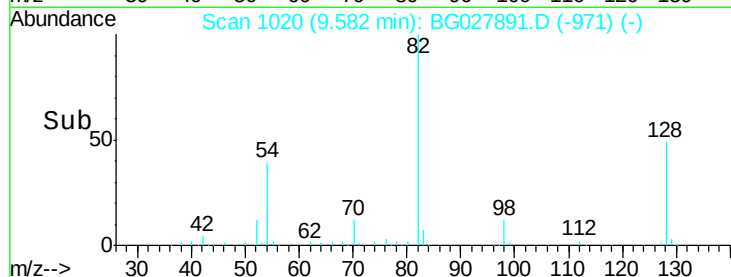
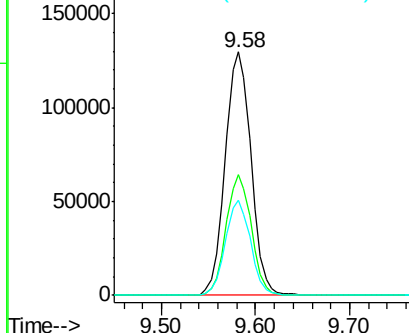
#23
 Nitrobenzene-d5
 Concen: 75.516 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Instrument :
 BNA_G
 ClientSampleId :
 PB100512BL

Tgt Ion: 82 Resp: 248307
 Ion Ratio Lower Upper
 82 100
 128 49.3 26.4 39.6#
 54 39.3 49.4 74.2#

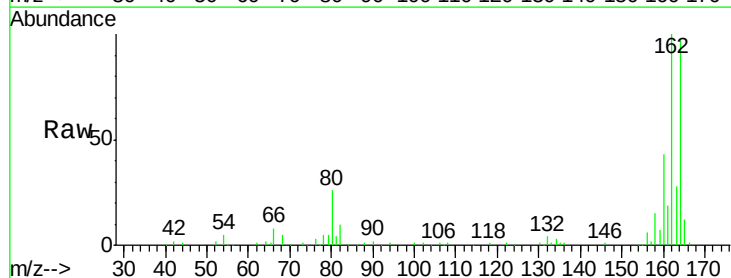


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

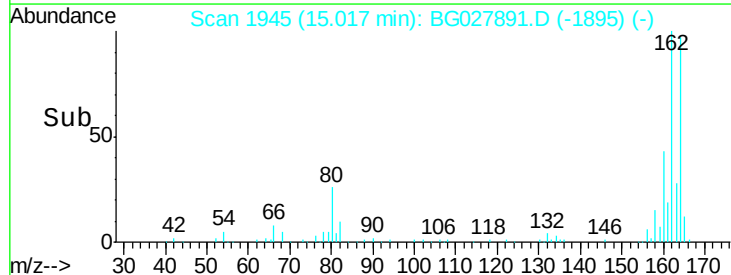
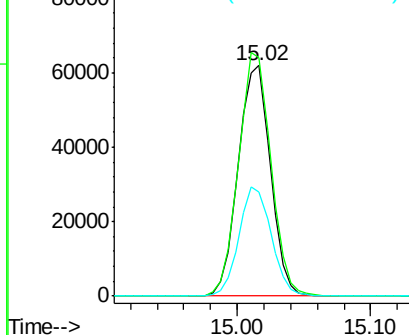


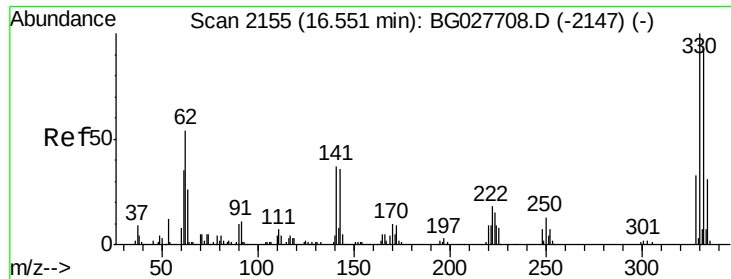
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.02 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Tgt Ion: 164 Resp: 103348
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 45.0 34.7 52.1



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

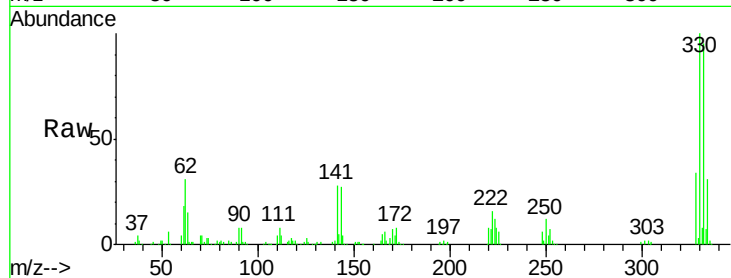




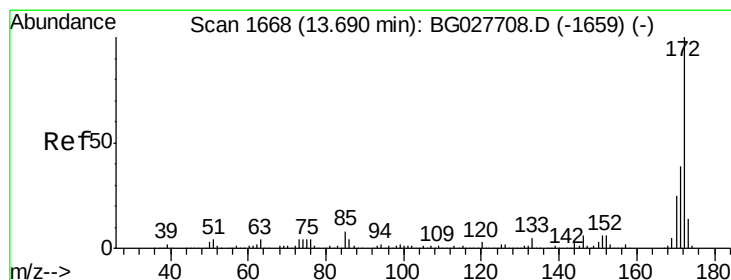
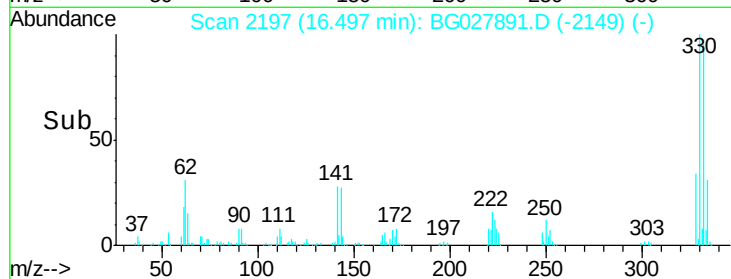
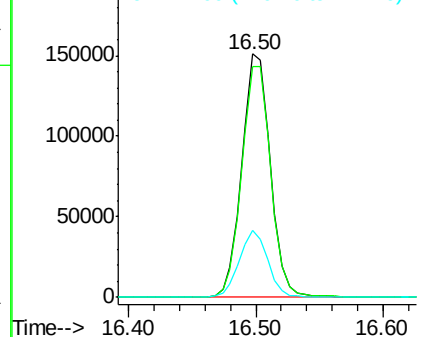
#41
 2,4,6-Tribromophenol
 Concen: 165.541 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Instrument :
 BNA_G
 ClientSampleId :
 PB100512BL

Tgt Ion:330 Resp: 234660
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 27.6 32.1 48.1#

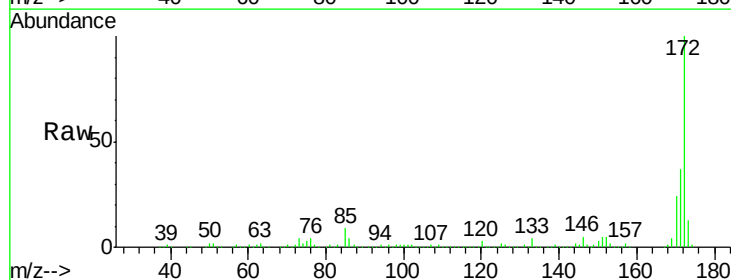


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

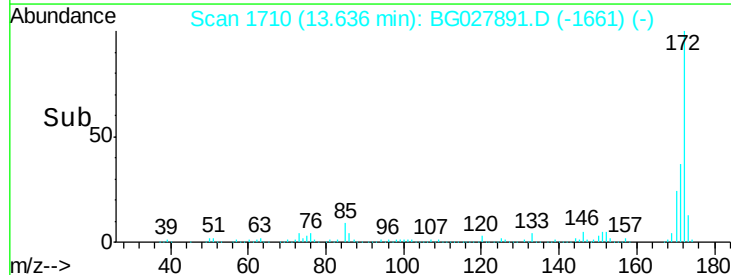
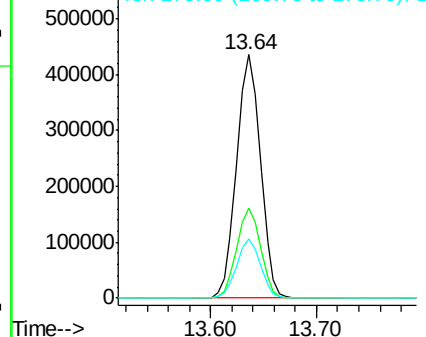


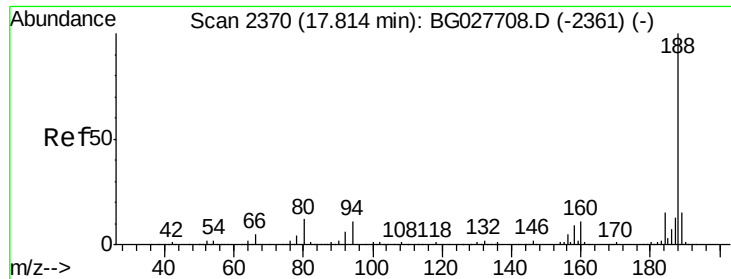
#44
 2-Fluorobiphenyl
 Concen: 94.032 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Tgt Ion:172 Resp: 680453
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 24.3 21.8 32.6



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

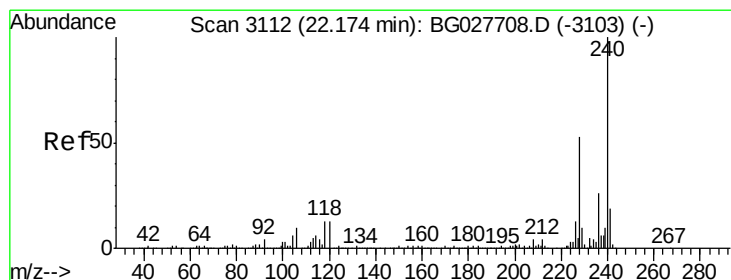
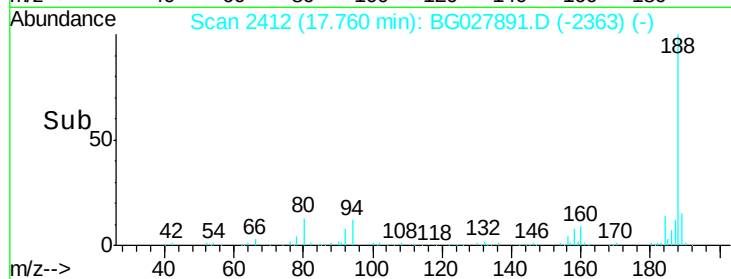
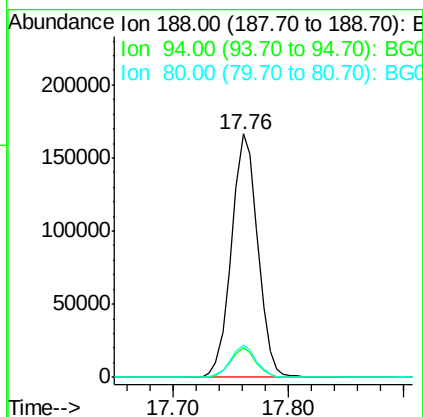
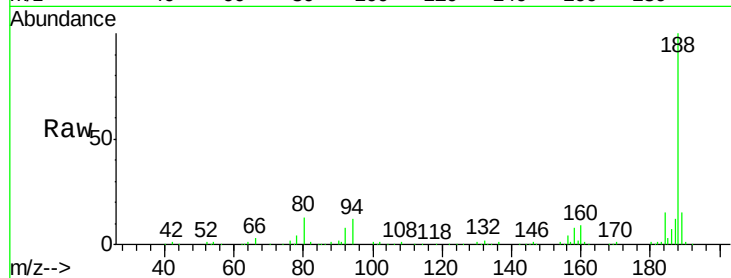




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

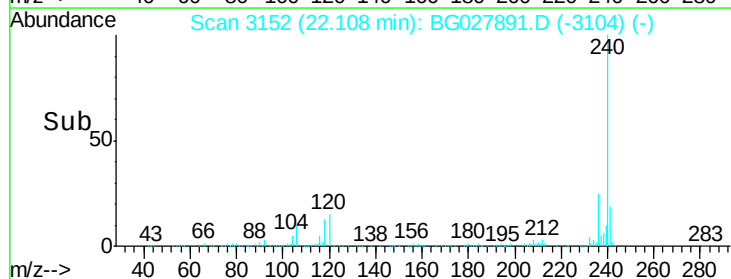
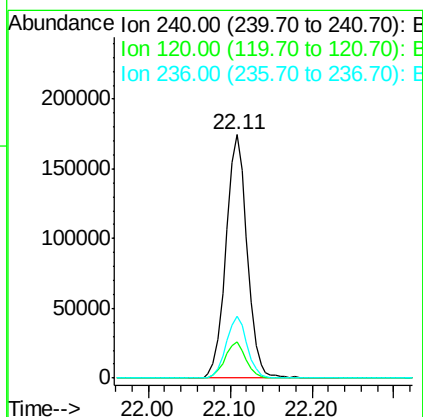
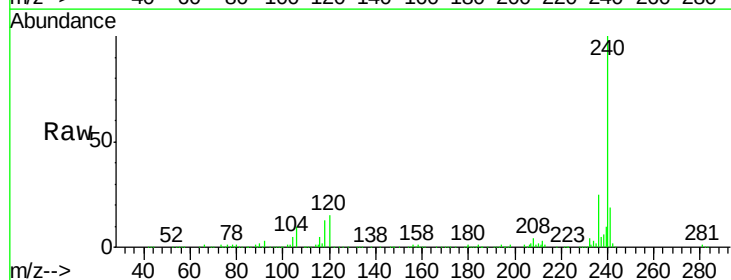
Instrument :
BNA_G
ClientSampleId :
PB100512BL

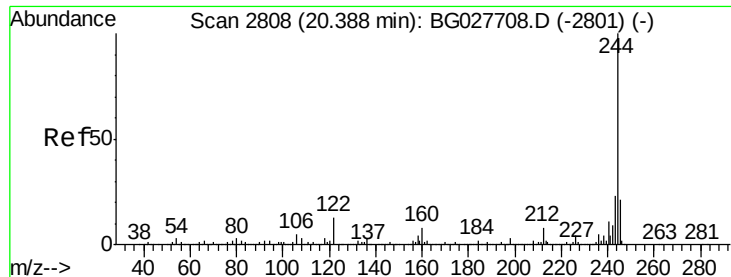
Tgt Ion:188 Resp: 262936
Ion Ratio Lower Upper
188 100
94 12.1 5.8 8.8#
80 13.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:240 Resp: 313624
Ion Ratio Lower Upper
240 100
120 14.9 5.7 8.5#
236 25.2 22.2 33.4





#78

Terphenyl-d14

Concen: 96.538 ng

RT: 20.35 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

Instrument :

BNA_G

ClientSampleId :

PB100512BL

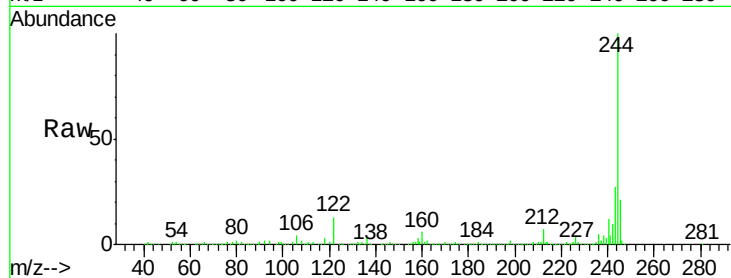
Tgt Ion:244 Resp: 1291463

Ion Ratio Lower Upper

244 100

212 6.6 10.0 15.0#

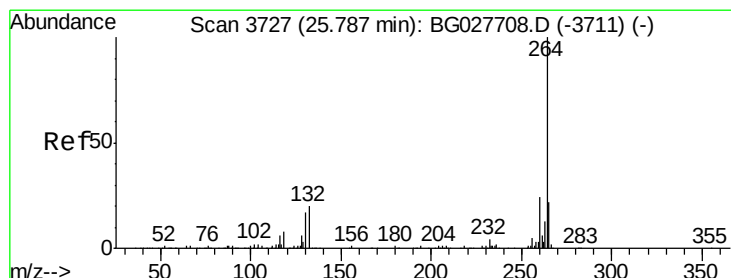
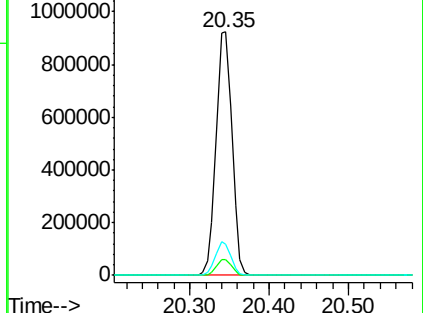
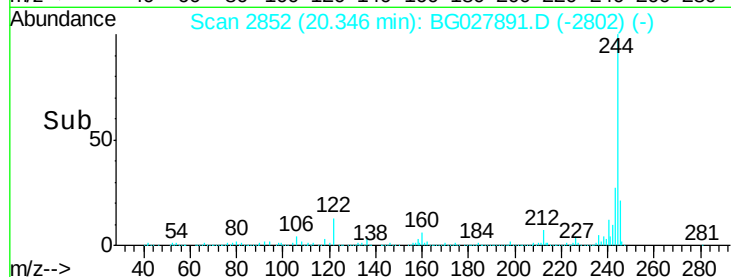
122 12.7 8.6 12.8



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: 20.000 ng

RT: 25.67 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

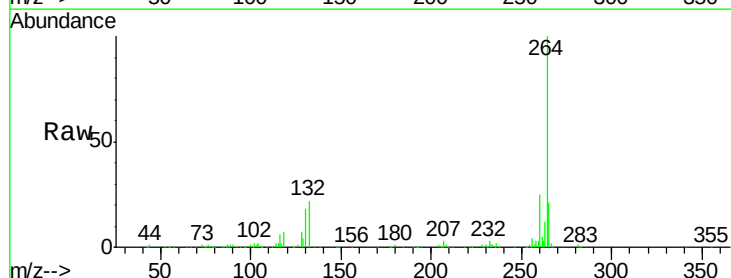
Tgt Ion:264 Resp: 307815

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 21.1 18.2 27.4



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

