

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027636.D
 Acq On : 23 Jun 2017 18:32
 Operator : SJ/JU
 Sample : PB100074BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 24 01:24:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	16682	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	73074	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	45945	20.00	ng	0.00
63) Phenanthrene-d10	17.83	188	142576	20.00	ng	-0.01
75) Chrysene-d12	22.20	240	165681	20.00	ng	-0.01
86) Perylene-d12	25.84	264	158181	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	152143	129.80	ng	0.00
7) Phenol-d6	7.65	99	199789	115.14	ng	0.00
23) Nitrobenzene-d5	9.67	82	128739	83.36	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	115211	168.20	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	303947	90.37	ng	0.00
78) Terphenyl-d14	20.41	244	694040	98.70	ng	0.00

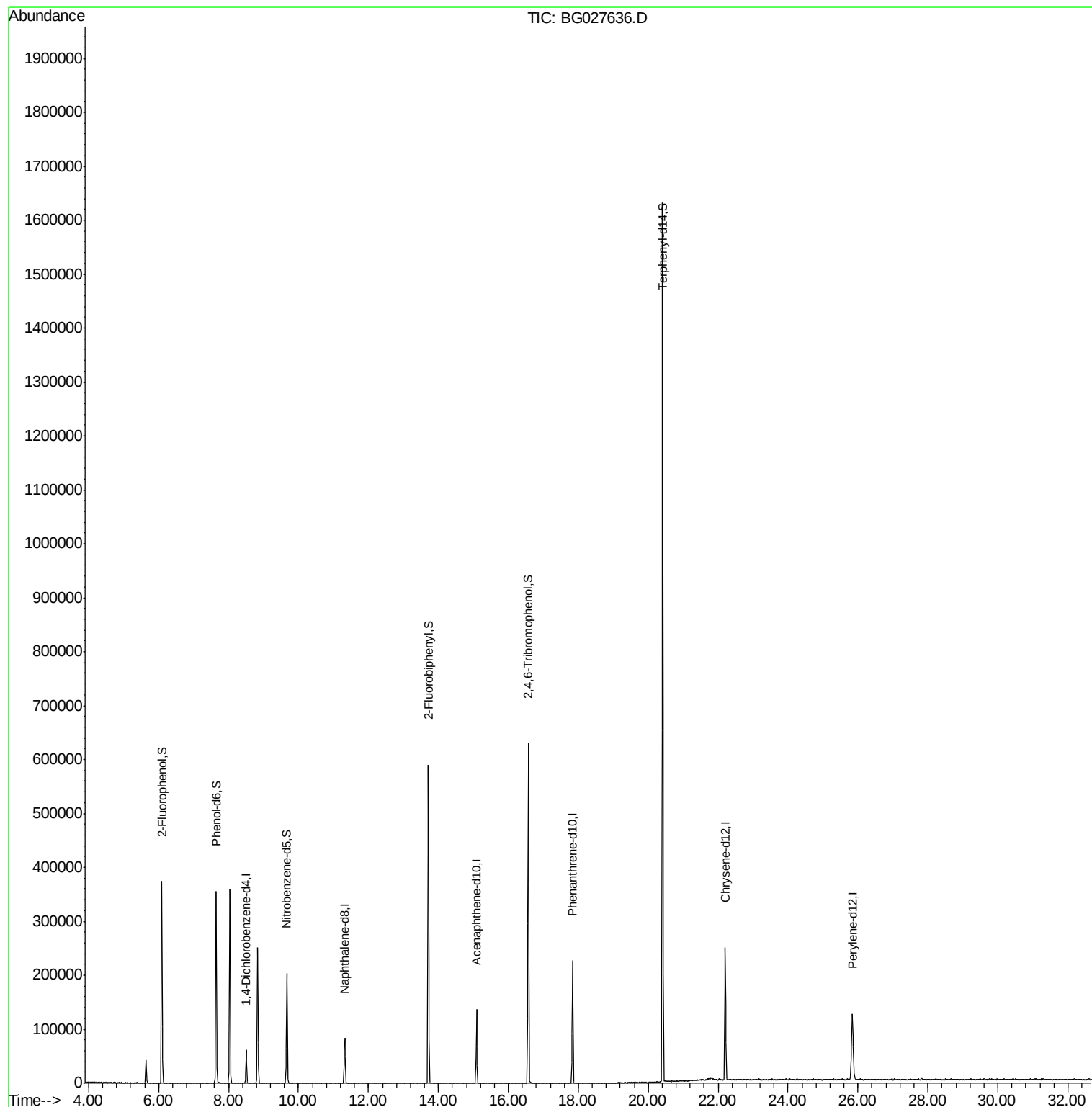
Target Compounds Qvalue

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

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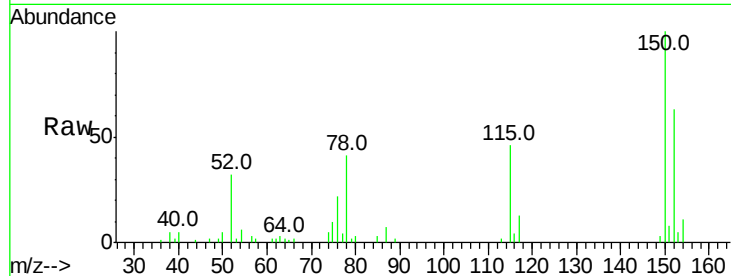


#1

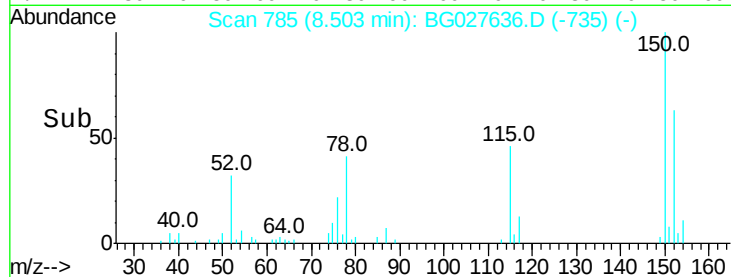
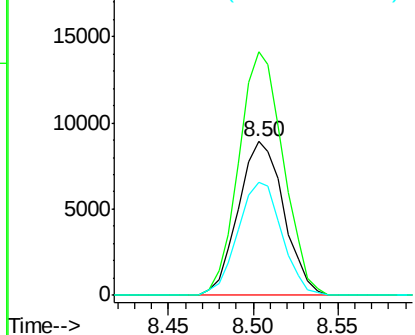
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG027636.D
Acq: 23 Jun 2017 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 16682
Ion Ratio Lower Upper
152 100
150 158.4 114.0 171.0
115 73.2 48.1 72.1#



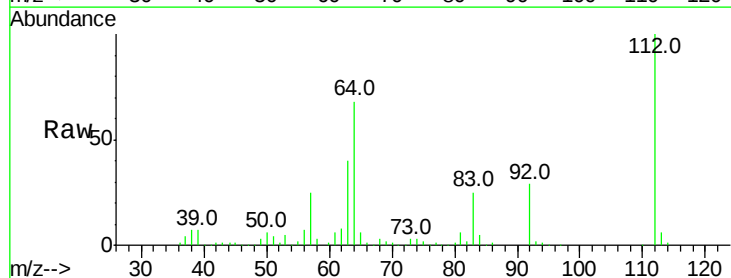
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



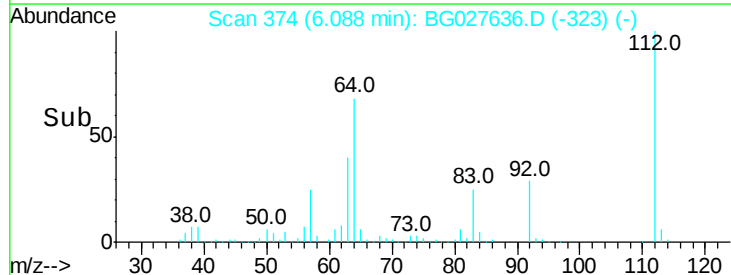
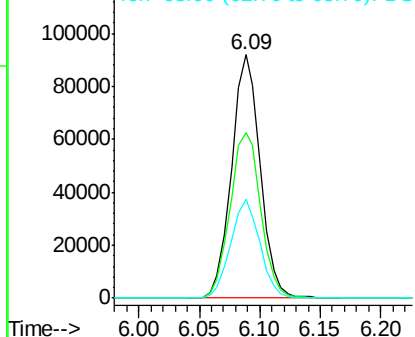
#5

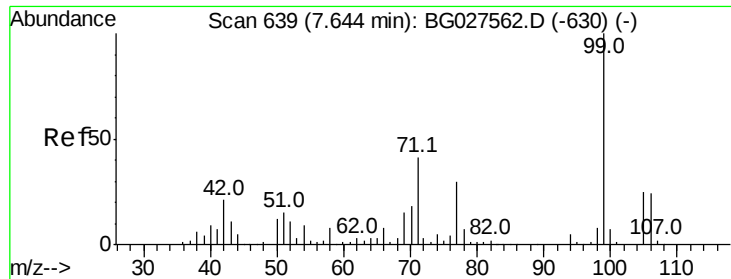
2-Fluorophenol
Concen: 129.80 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027636.D
Acq: 23 Jun 2017 18:32

Tgt Ion:112 Resp: 152143
Ion Ratio Lower Upper
112 100
64 68.1 61.8 92.6
63 40.4 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.14 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027636.D

Acq: 23 Jun 2017 18:32

Instrument :

BNA_G

ClientSampleId :

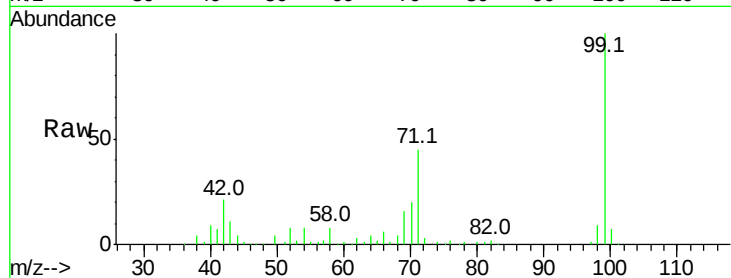
Tot Ion: 99 Resp: 199789

Ion Ratio Lower Upper

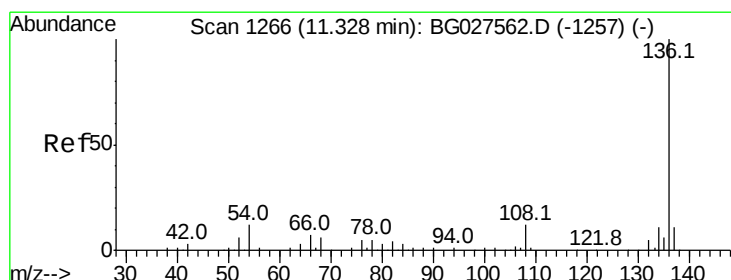
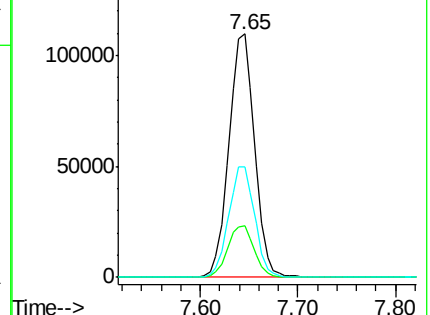
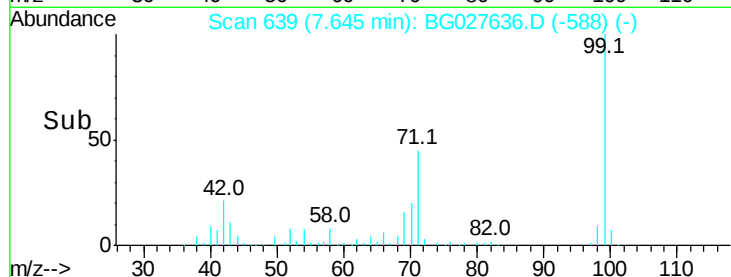
99 100

42 21.5 20.5 30.7

71 45.4 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: 20.00 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG027636.D

Acq: 23 Jun 2017 18:32

Tgt Ion: 136 Resp: 73074

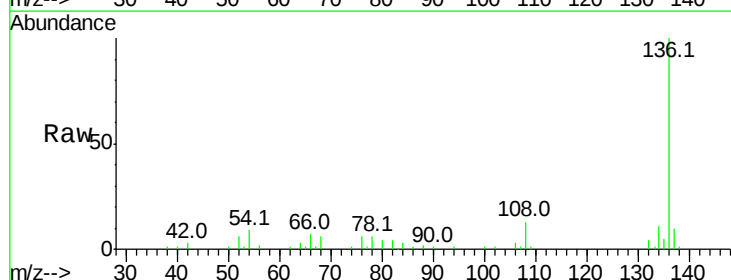
Ion Ratio Lower Upper

136 100

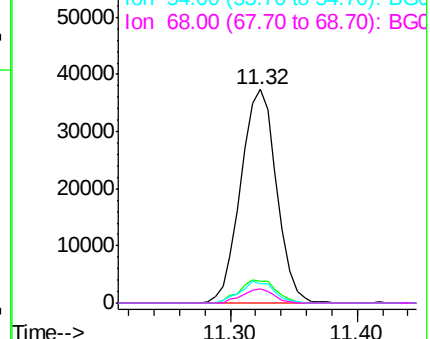
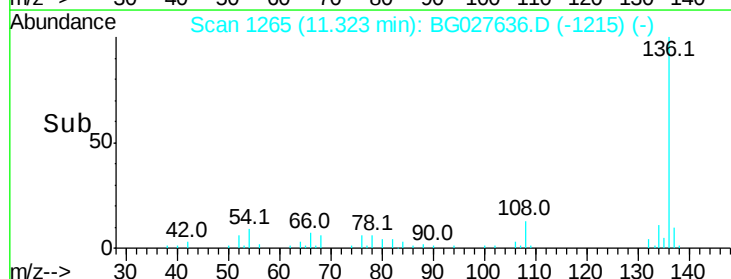
137 10.3 8.9 13.3

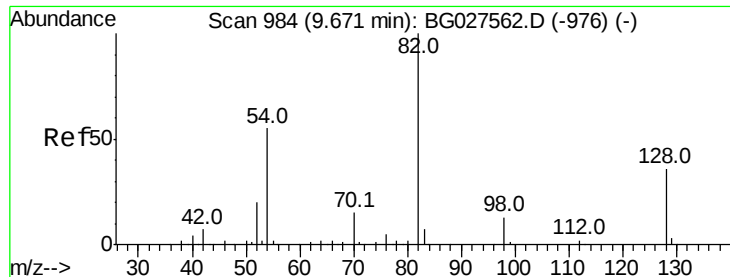
54 9.2 9.3 13.9#

68 6.4 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: 83.36 ng

RT: 9.67 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG027636.D

Acq: 23 Jun 2017 18:32

Instrument :

BNA_G

ClientSampled :

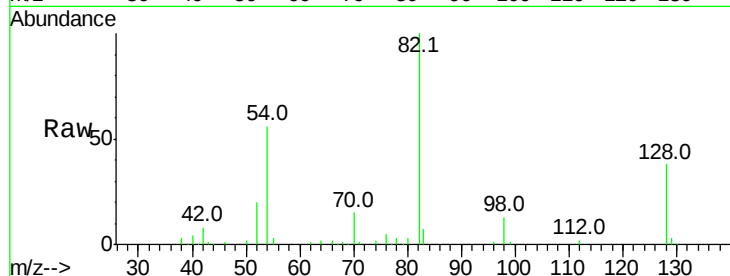
Tot Ion: 82 Resp: 128739

Ion Ratio Lower Upper

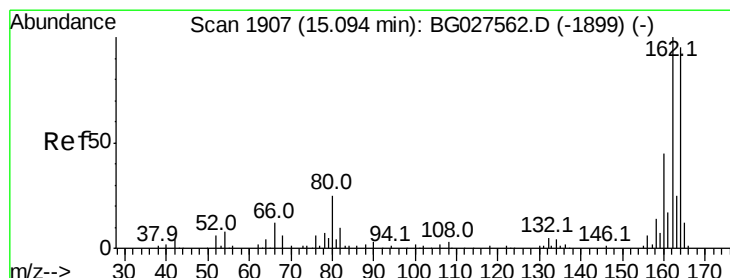
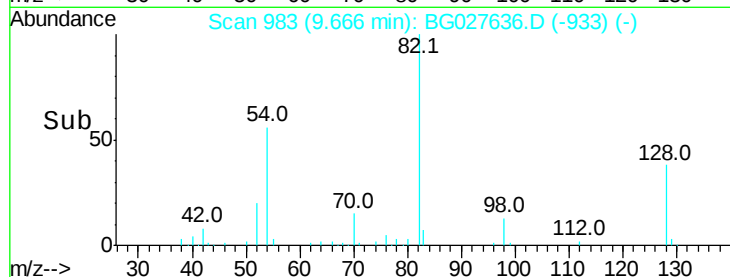
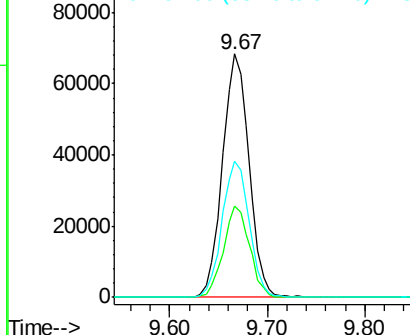
82 100

128 37.6 26.4 39.6

54 55.8 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: 20.00 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG027636.D

Acq: 23 Jun 2017 18:32

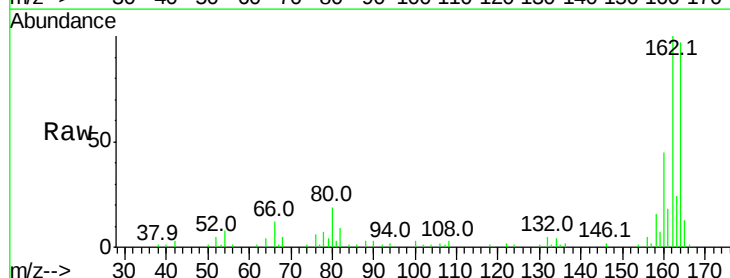
Tgt Ion:164 Resp: 45945

Ion Ratio Lower Upper

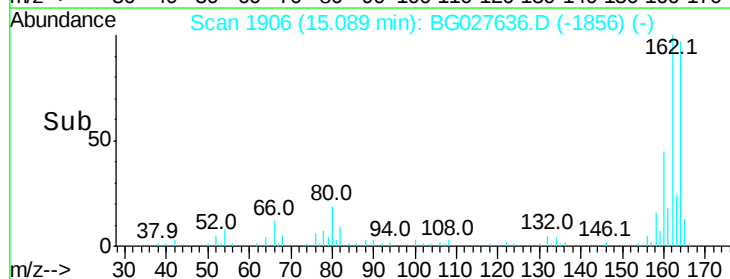
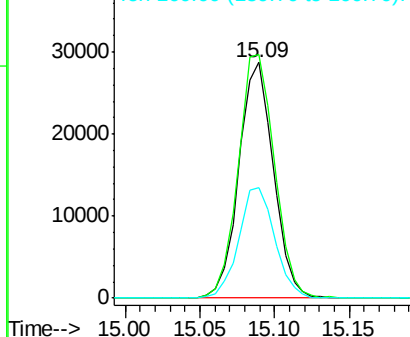
164 100

162 103.3 85.1 127.7

160 46.9 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: 168.20 ng

RT: 16.58 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG027636.D

Acq: 23 Jun 2017 18:32

Instrument :

BNA_G

ClientSampleId :

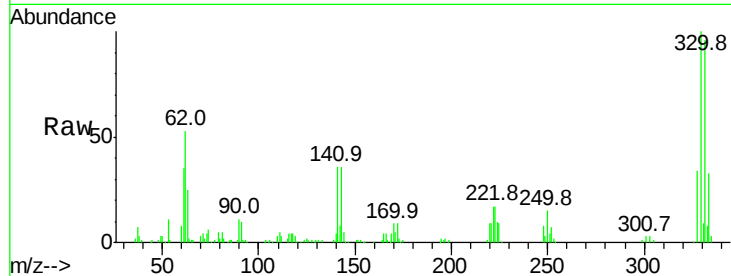
Tot Ion:330 Resp: 115211

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

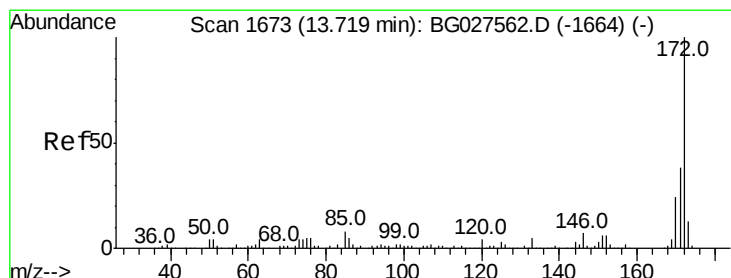
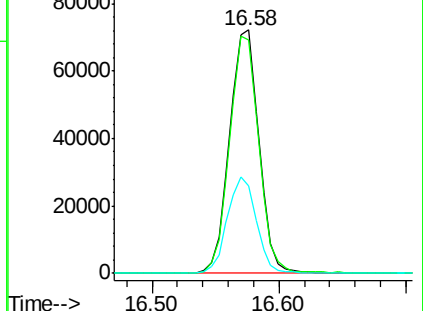
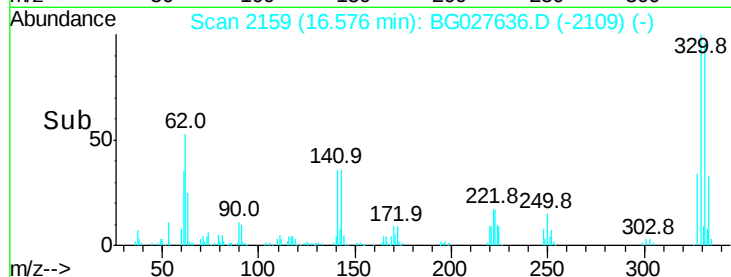
141 39.0 32.1 48.1



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: 90.37 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BG027636.D

Acq: 23 Jun 2017 18:32

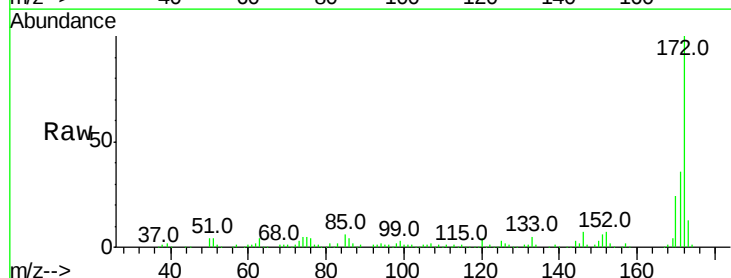
Tgt Ion:172 Resp: 303947

Ion Ratio Lower Upper

172 100

171 36.4 32.2 48.2

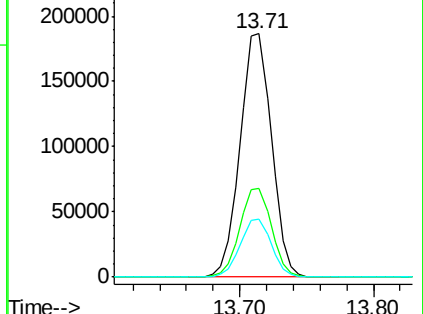
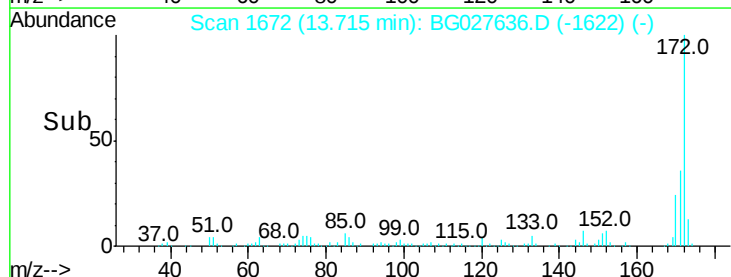
170 24.1 21.8 32.6

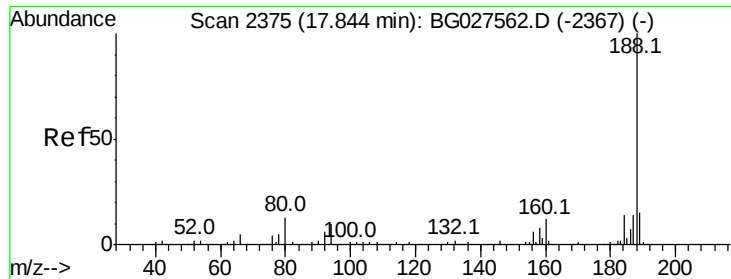


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

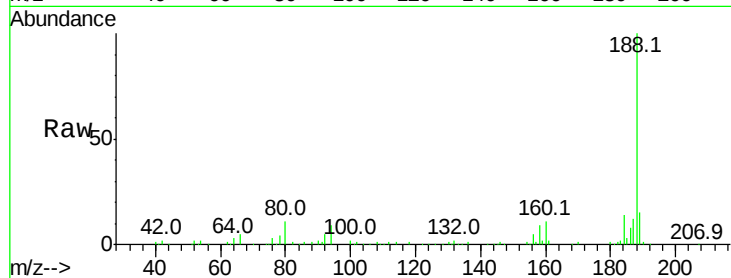




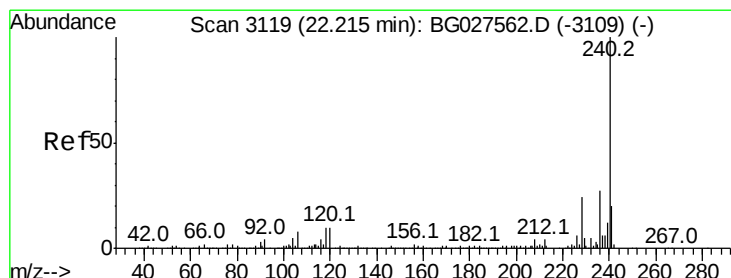
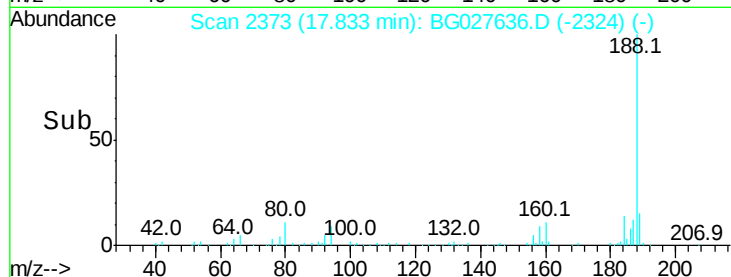
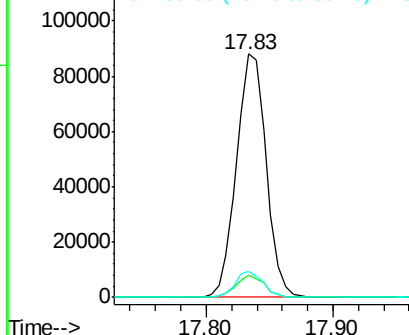
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.83 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BG027636.D
Acq: 23 Jun 2017 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 142576
Ion Ratio Lower Upper
188 100
94 9.2 5.8 8.8#
80 10.9 7.5 11.3

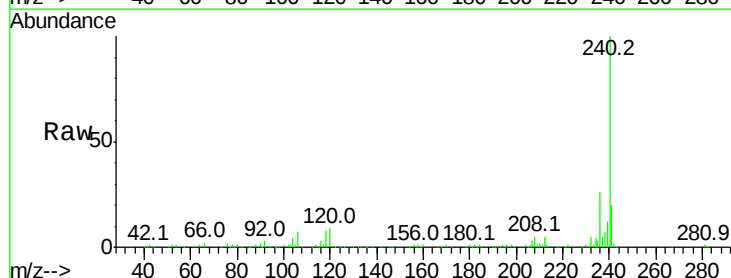


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

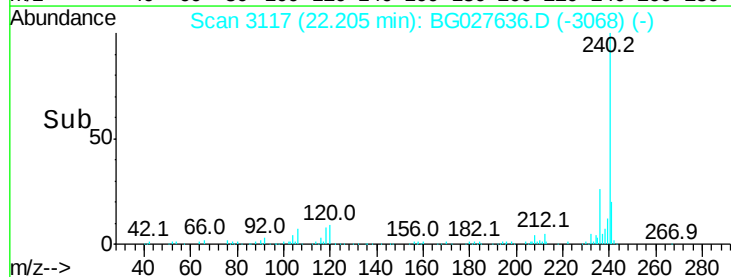
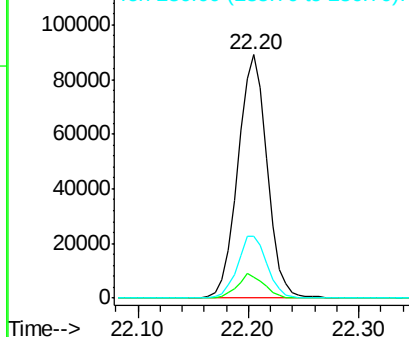


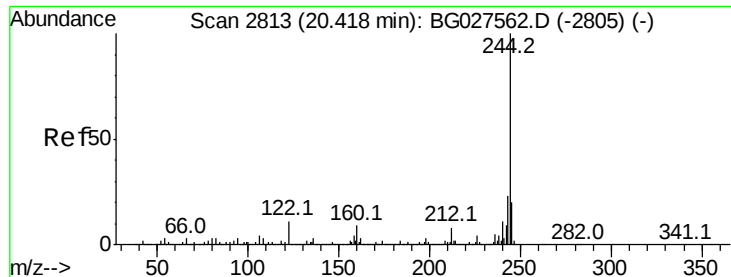
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027636.D
Acq: 23 Jun 2017 18:32

Tgt Ion:240 Resp: 165681
Ion Ratio Lower Upper
240 100
120 8.6 5.7 8.5#
236 25.6 22.2 33.4



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

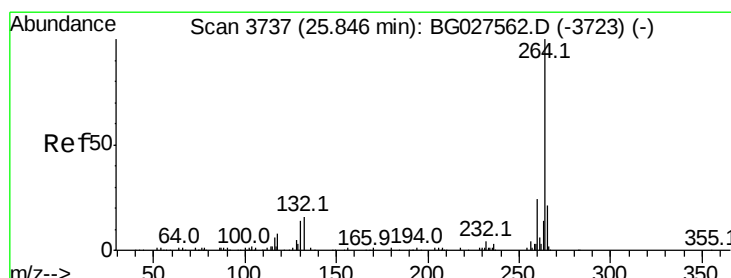
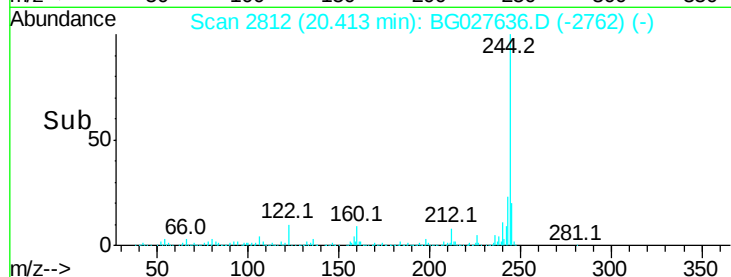
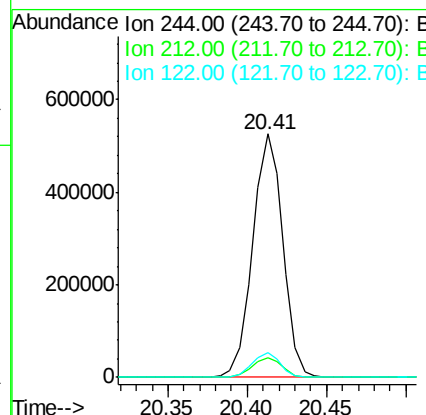
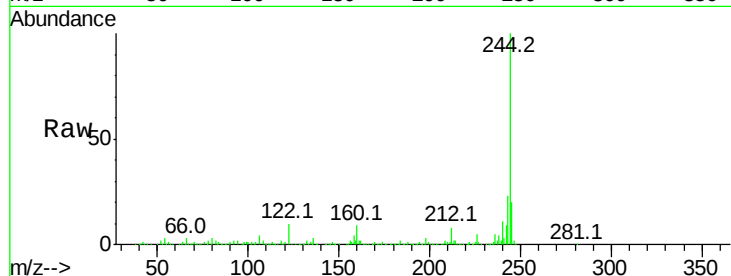




#78
 Terphenyl-d14
 Concen: 98.70 ng
 RT: 20.41 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BG027636.D
 Acq: 23 Jun 2017 18:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 694040
 Ion Ratio Lower Upper
 244 100
 212 8.1 10.0 15.0#
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3735
 Delta R.T. -0.01 min
 Lab File: BG027636.D
 Acq: 23 Jun 2017 18:32

Tgt Ion:264 Resp: 158181
 Ion Ratio Lower Upper
 264 100
 260 23.7 21.8 32.8
 265 21.5 18.2 27.4

