

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027260.D
 Acq On : 6 Jun 2017 22:08
 Operator : SJ/MA
 Sample : PB99501TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 05:18:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	50763	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	229691	20.00	ng	-0.01
38) Acenaphthene-d10	15.14	164	152535	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	374669	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	417422	20.00	ng	-0.03
86) Perylene-d12	25.98	264	393424	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	366304	110.11	ng	0.00
7) Phenol-d6	7.69	99	510468	104.54	ng	0.00
23) Nitrobenzene-d5	9.73	82	267907	73.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	213548	106.32	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	711745	65.28	ng	-0.02
78) Terphenyl-d14	20.47	244	1133415	69.27	ng	-0.02

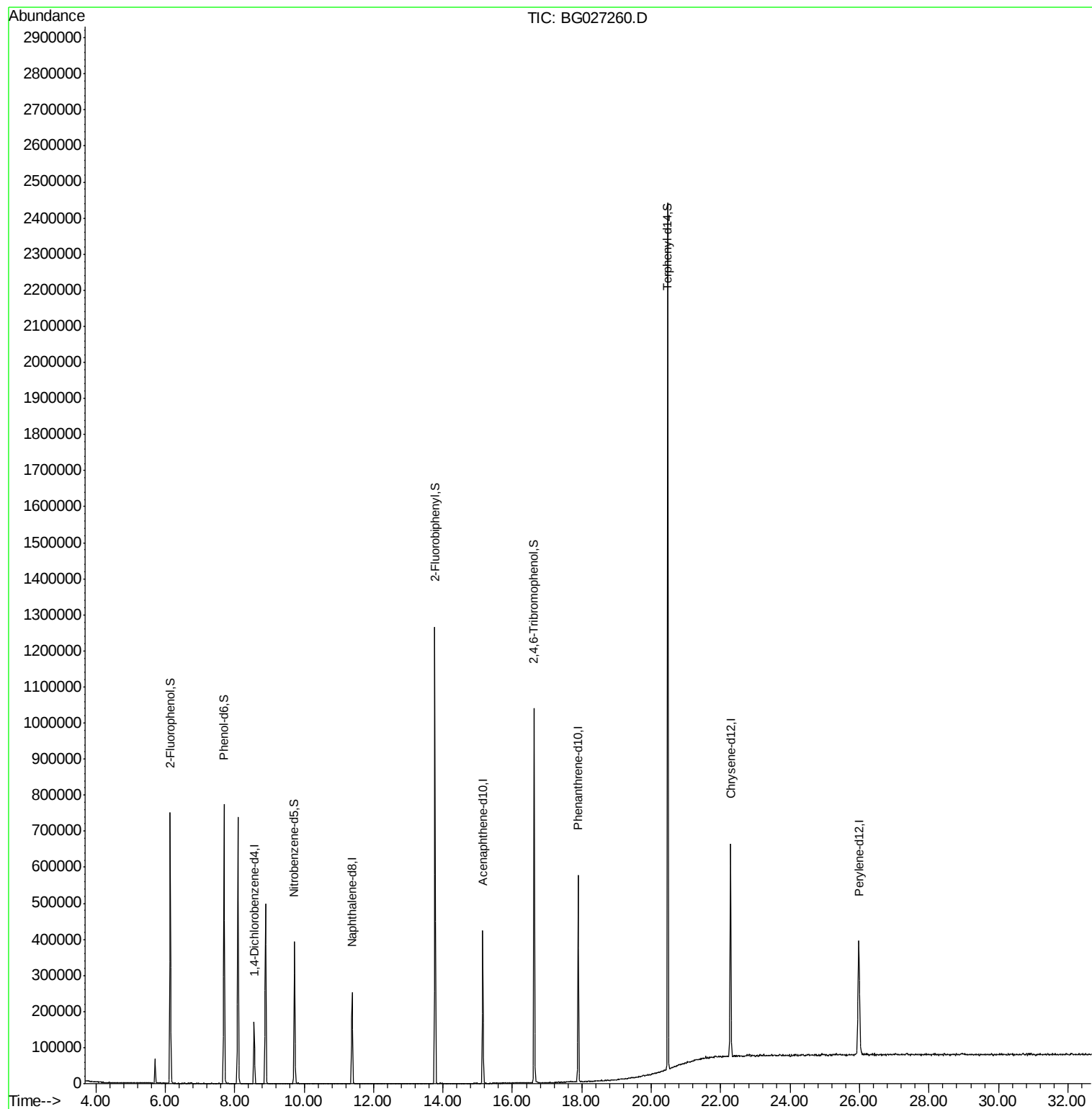
Target Compounds Qvalue

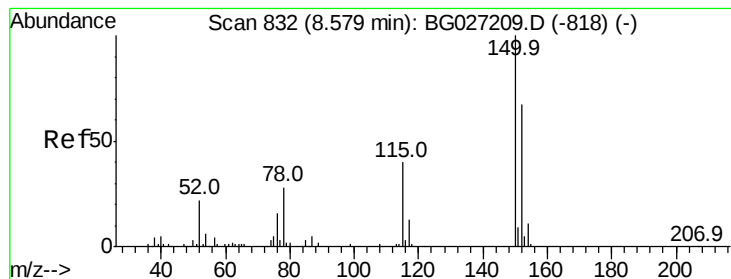
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027260.D

Acq: 6 Jun 2017 22:08

Instrument :

BNA_G

ClientSampled :

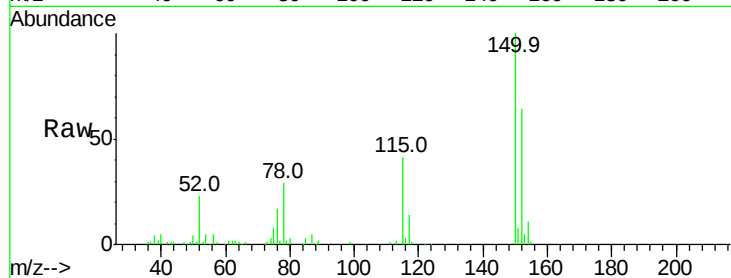
Tot Ion:152 Resp: 50763

Ion Ratio Lower Upper

152 100

150 157.3 114.0 171.0

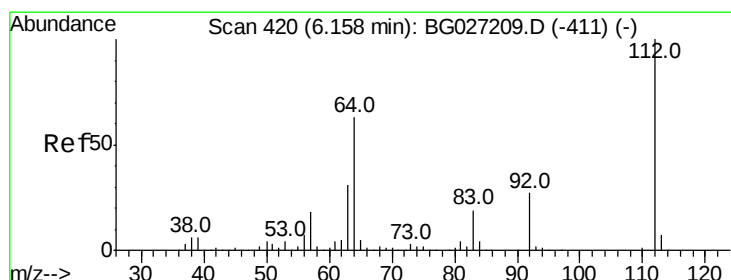
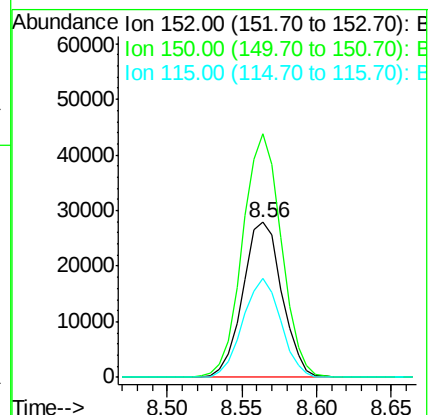
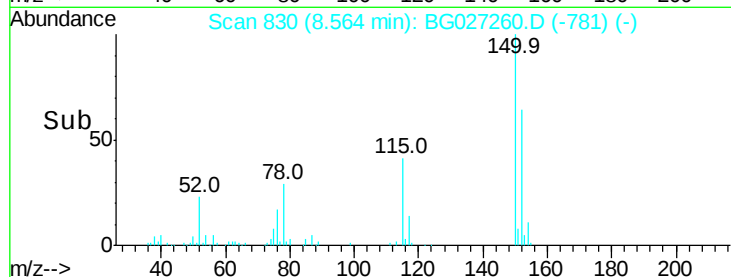
115 64.1 48.1 72.1



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: 110.11 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027260.D

Acq: 6 Jun 2017 22:08

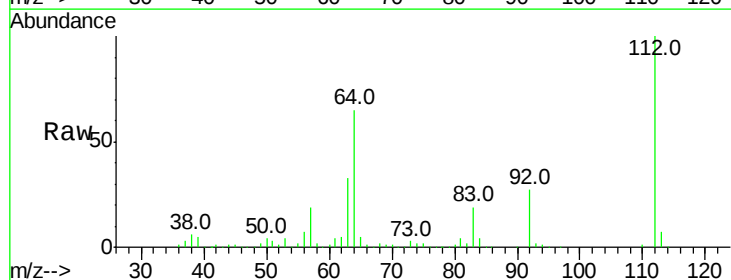
Tgt Ion:112 Resp: 366304

Ion Ratio Lower Upper

112 100

64 64.6 61.8 92.6

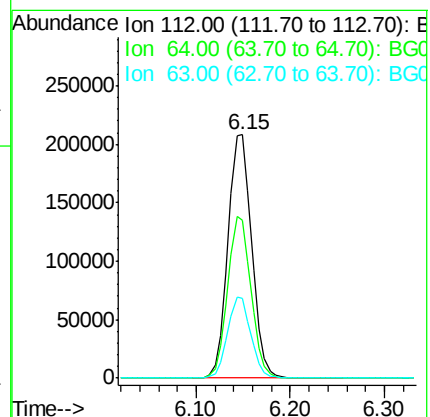
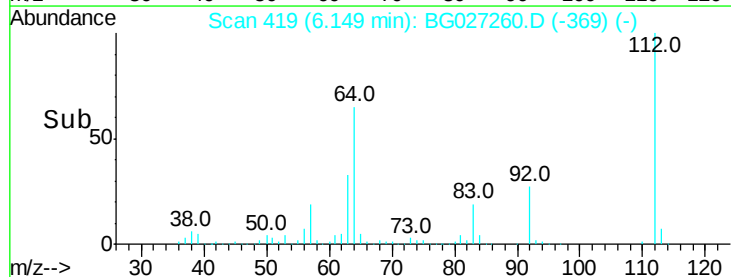
63 32.6 37.2 55.8#



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: 104.54 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027260.D

Acq: 6 Jun 2017 22:08

Instrument :

BNA_G

ClientSampleId :

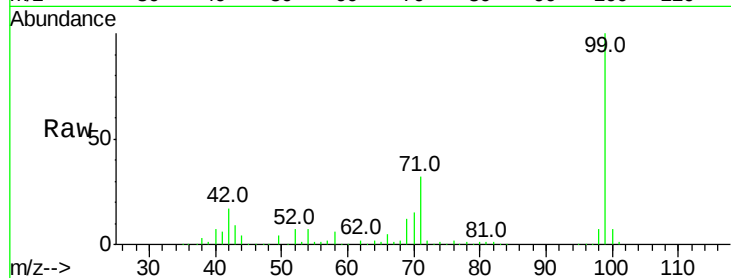
Tot Ion: 99 Resp: 510468

Ion Ratio Lower Upper

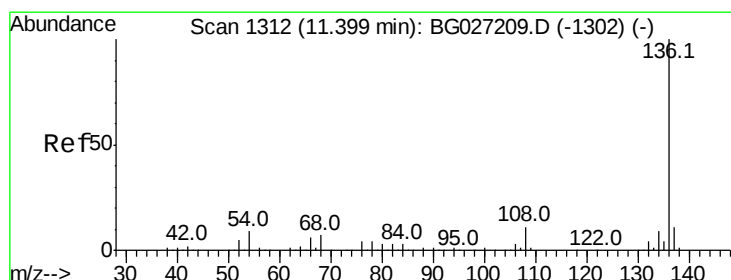
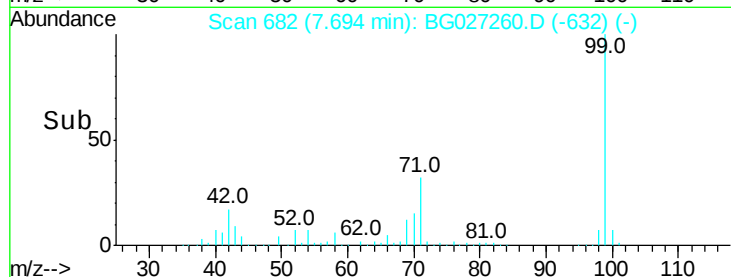
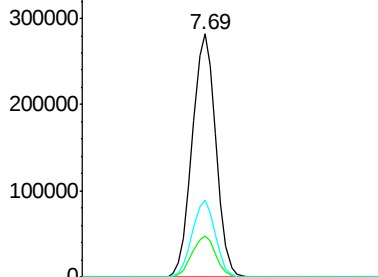
99 100

42 16.9 20.5 30.7#

71 31.6 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: 11.38 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG027260.D

Acq: 6 Jun 2017 22:08

Tgt Ion: 136 Resp: 229691

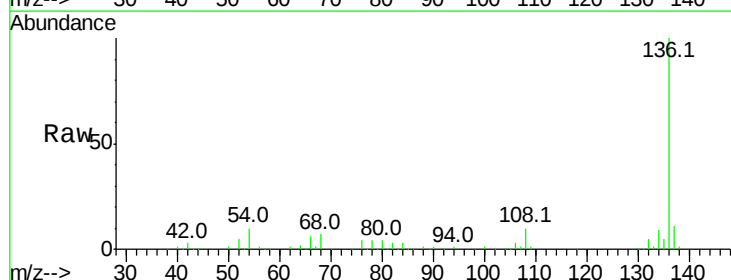
Ion Ratio Lower Upper

136 100

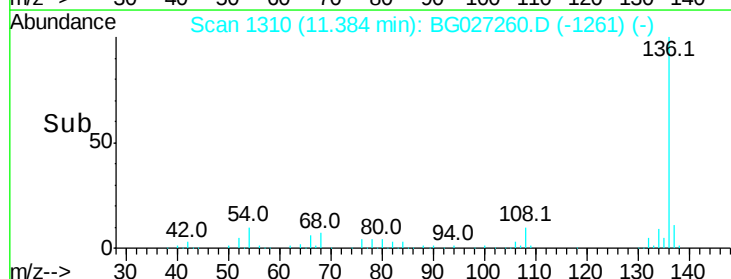
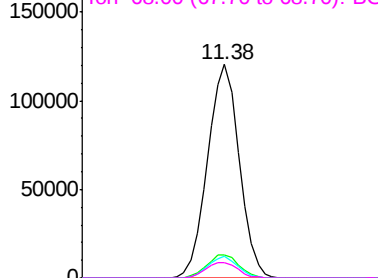
137 11.0 8.9 13.3

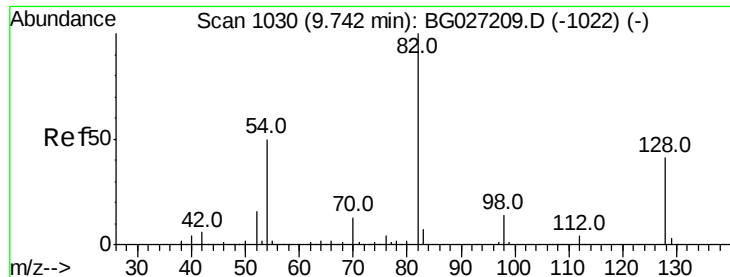
54 10.1 9.3 13.9

68 7.4 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

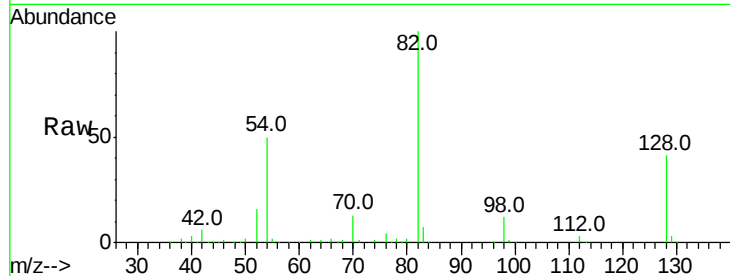




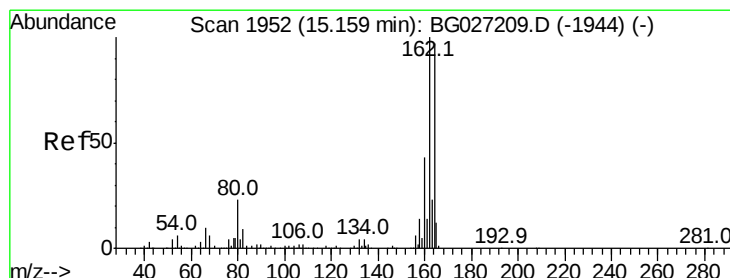
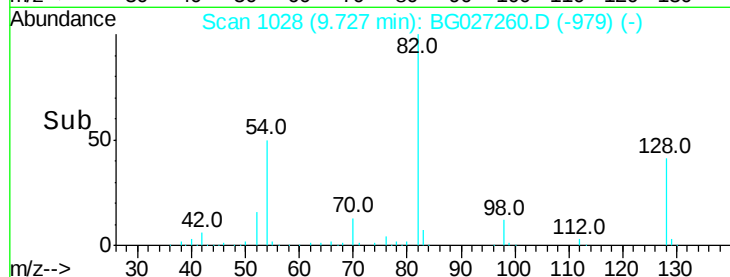
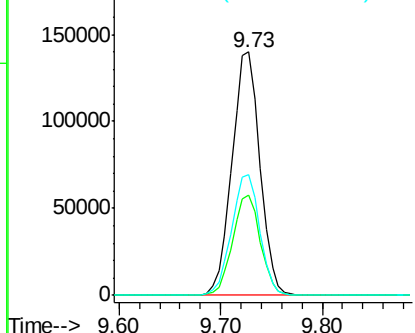
#23
 Nitrobenzene-d5
 Concen: 73.35 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027260.D
 Acq: 6 Jun 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	267907
Ion Ratio	100	Lower	Upper
128	41.4	26.4	39.6#
54	49.8	49.4	74.2

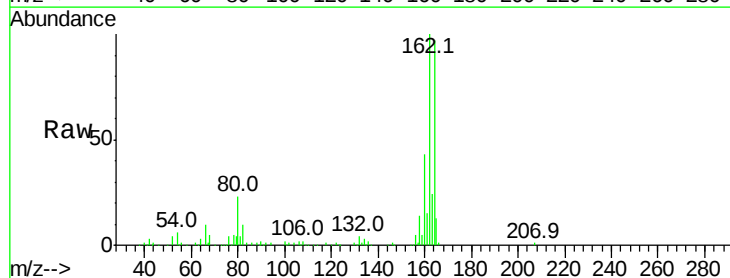


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

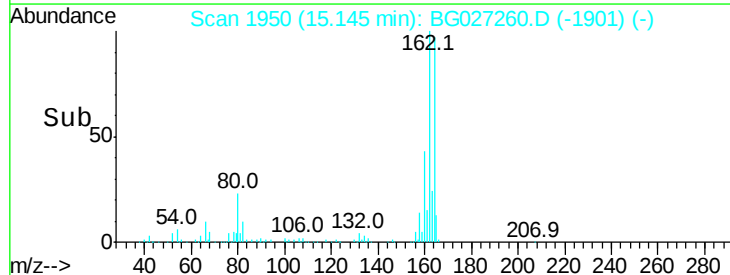
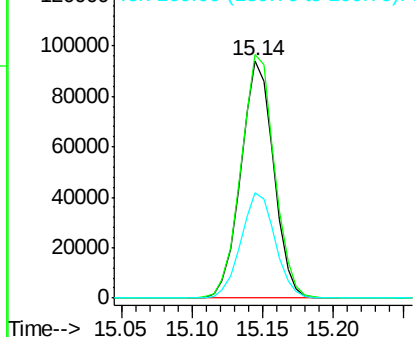


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027260.D
 Acq: 6 Jun 2017 22:08

Tgt Ion	164	Resp	152535
Ion Ratio	100	Lower	Upper
162	102.6	85.1	127.7
160	44.5	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

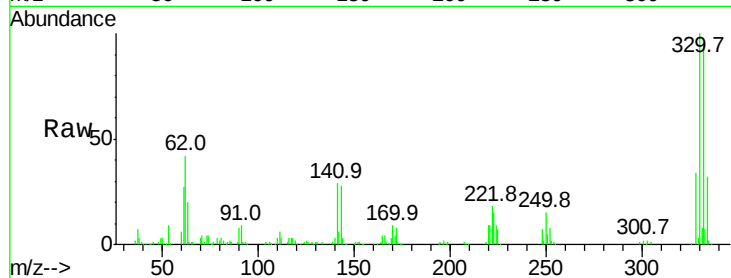




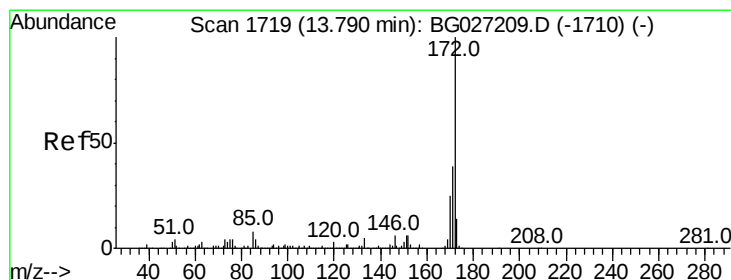
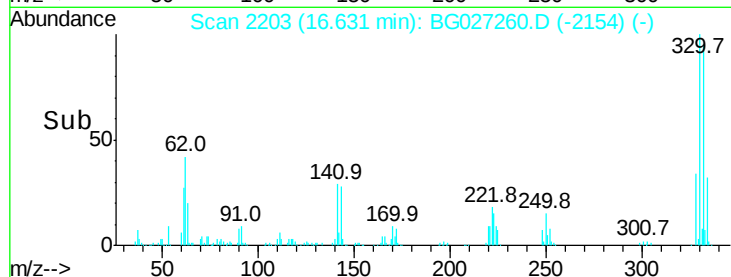
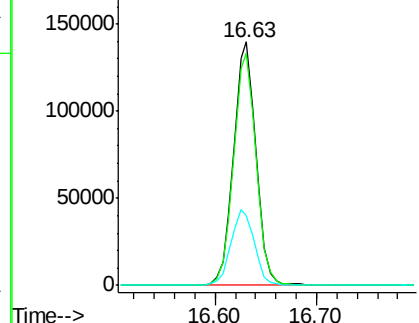
#41
 2,4,6-Tribromophenol
 Concen: 106.32 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027260.D
 Acq: 6 Jun 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	32.5	32.1	48.1

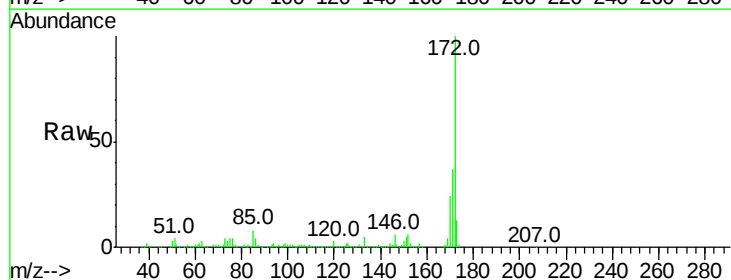


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

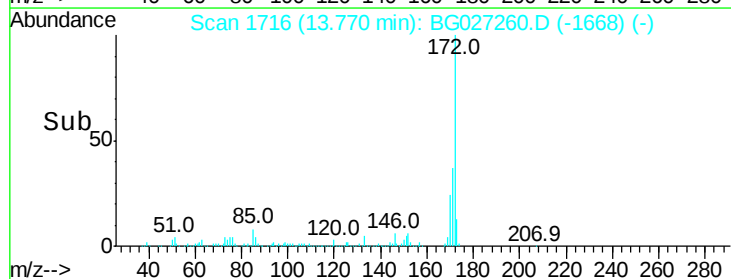
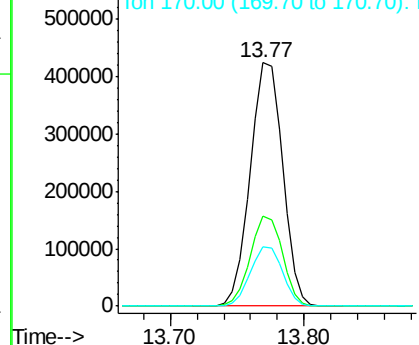


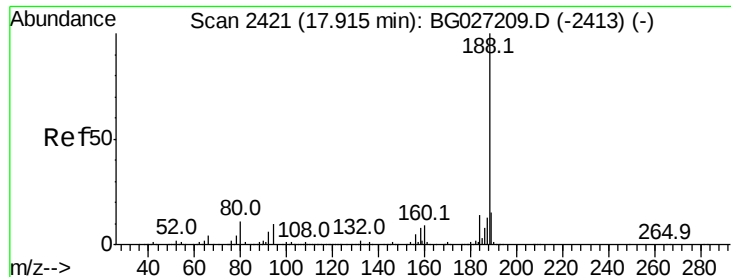
#44
 2-Fluorobiphenyl
 Concen: 65.28 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027260.D
 Acq: 6 Jun 2017 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.2	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

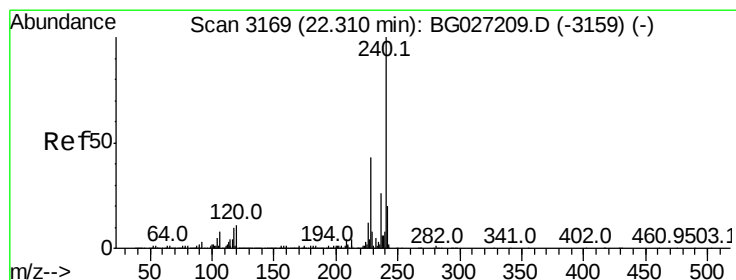
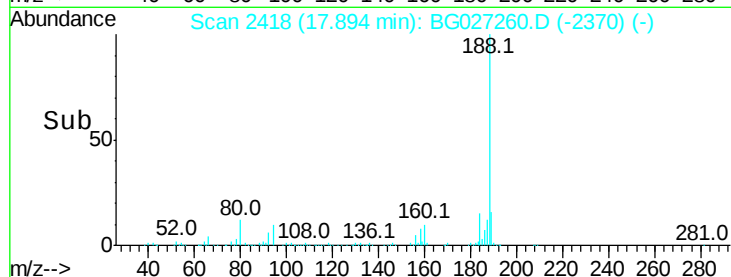
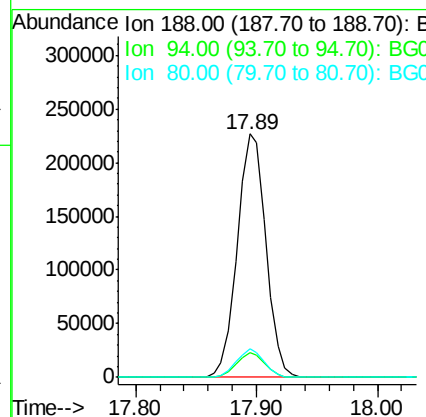
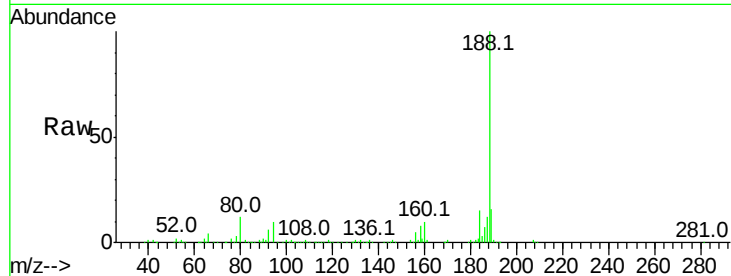




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027260.D
Acq: 6 Jun 2017 22:08

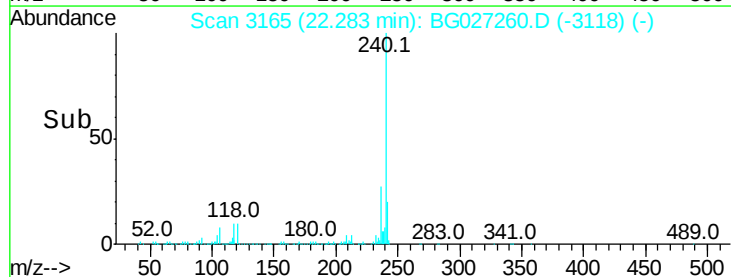
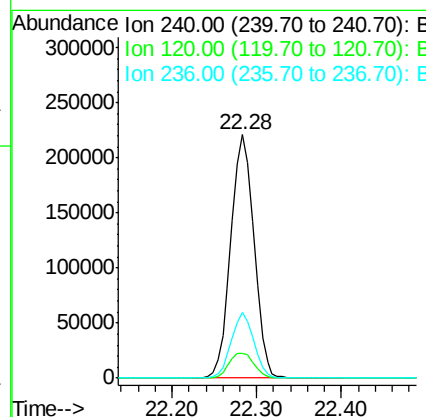
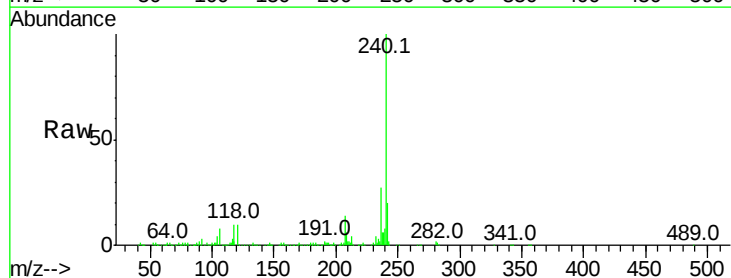
Instrument :
BNA_G
ClientSampleId :

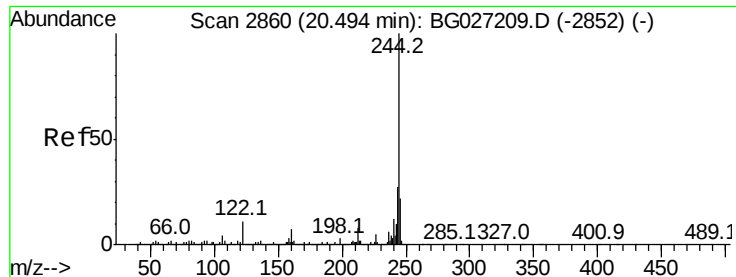
Tot Ion:188 Resp: 374669
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 12.0 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG027260.D
Acq: 6 Jun 2017 22:08

Tgt Ion:240 Resp: 417422
Ion Ratio Lower Upper
240 100
120 10.3 5.7 8.5#
236 26.8 22.2 33.4





#78

Terphenyl-d14

Concen: 69.27 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027260.D

Acq: 6 Jun 2017 22:08

Instrument :

BNA_G

ClientSampleId :

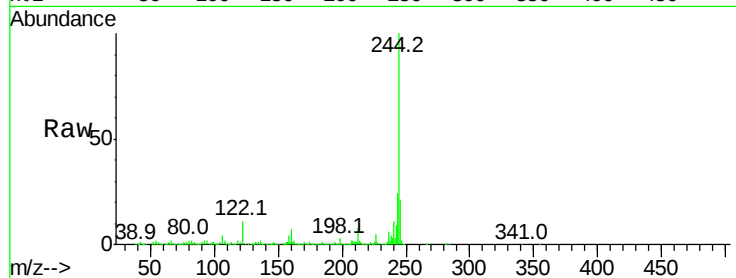
Tot Ion:244 Resp: 1133415

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0
122	10.8	8.6	12.8

244 100

212 7.6 10.0 15.0

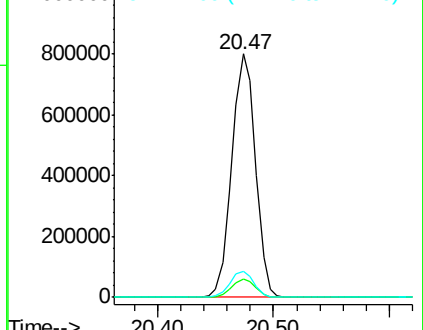
122 10.8 8.6 12.8



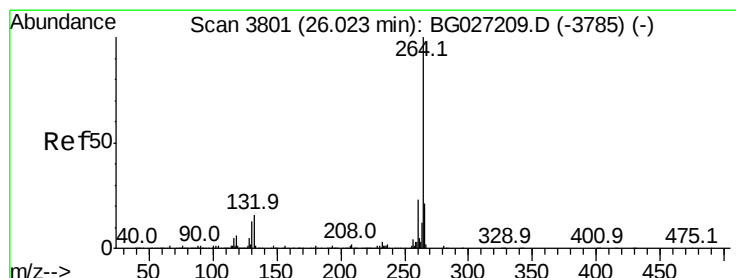
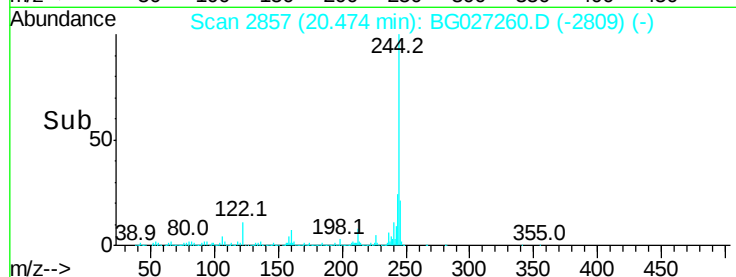
Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.98 min Scan# 3794

Delta R.T. -0.04 min

Lab File: BG027260.D

Acq: 6 Jun 2017 22:08

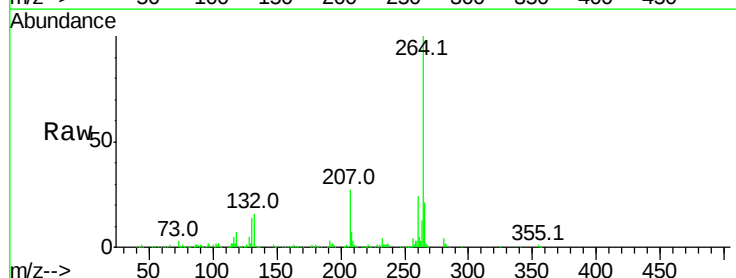
Tgt Ion:264 Resp: 393424

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.4	18.2	27.4

264 100

260 23.6 21.8 32.8

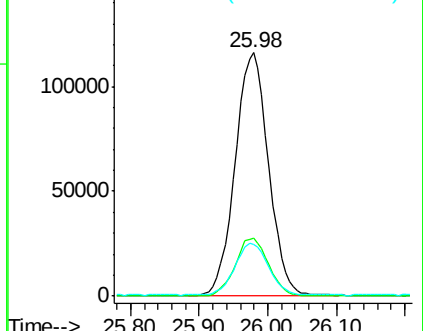
265 21.4 18.2 27.4



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



Time-->

