

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027436.D
 Acq On : 15 Jun 2017 4:27
 Operator : SJ/MA
 Sample : I3635-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 05:55:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	39786	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	181475	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	121166	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	364488	20.00	ng	0.00
75) Chrysene-d12	22.23	240	426283	20.00	ng	0.00
86) Perylene-d12	25.89	264	410227	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	377694	134.16	ng	0.00
7) Phenol-d6	7.66	99	491470	113.60	ng	0.00
23) Nitrobenzene-d5	9.69	82	333438	93.68	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	321196	176.63	ng	0.00
44) 2-Fluorobiphenyl	13.74	172	753366	89.82	ng	0.00
78) Terphenyl-d14	20.43	244	1678039	100.89	ng	0.00

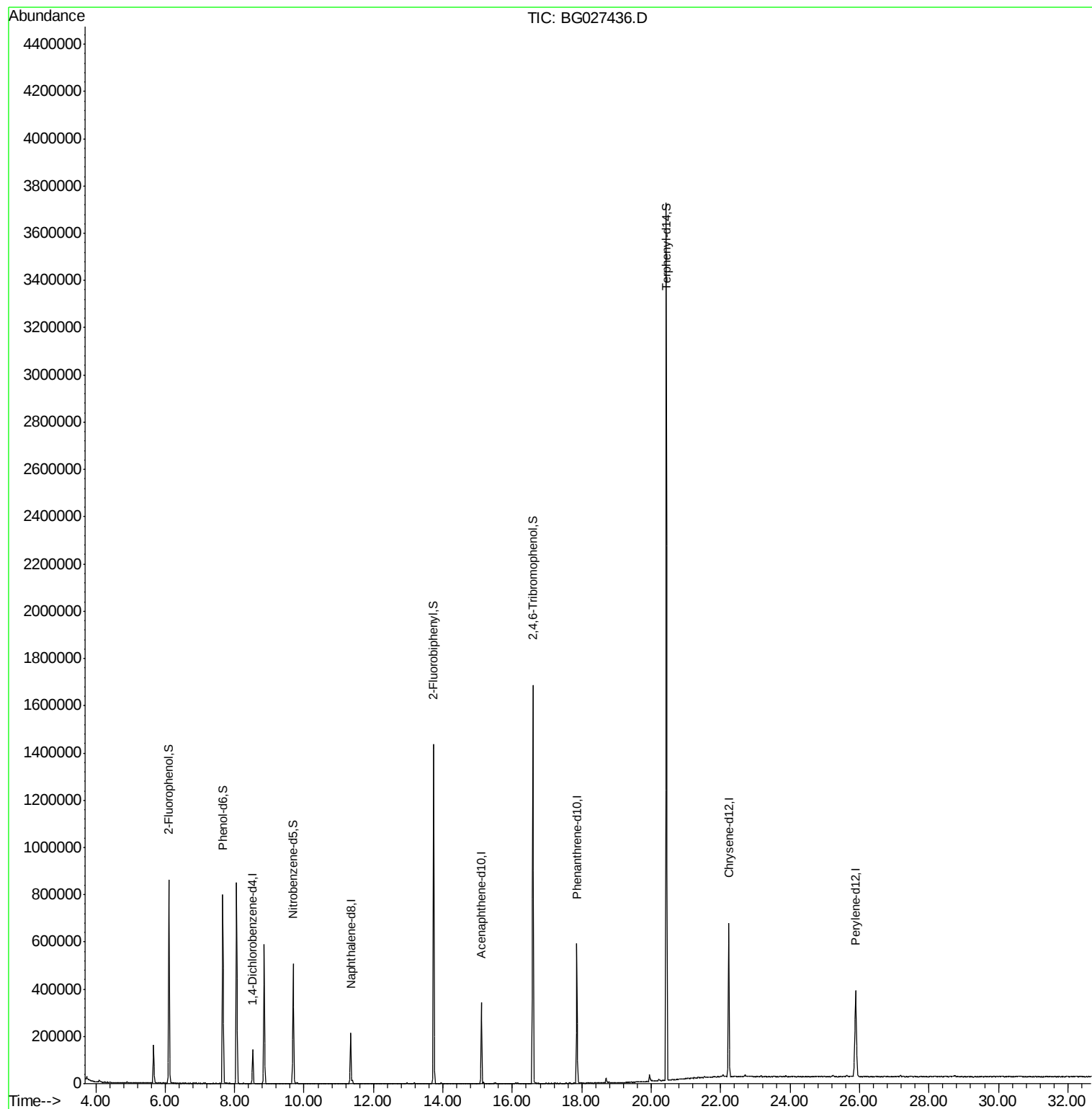
Target Compounds Qvalue

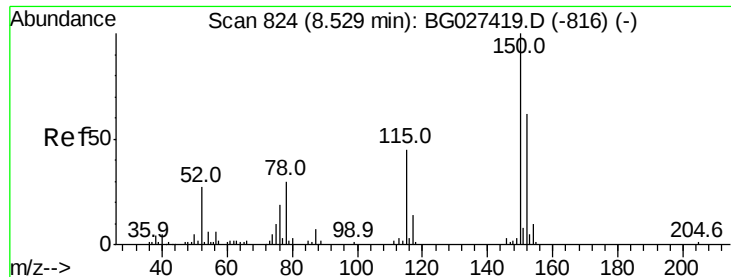
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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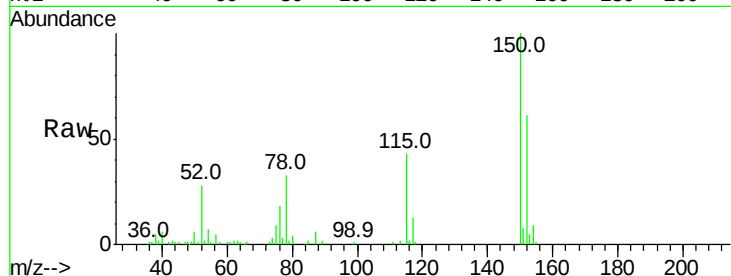


#1

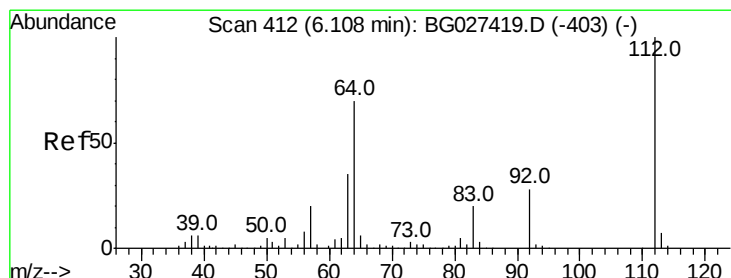
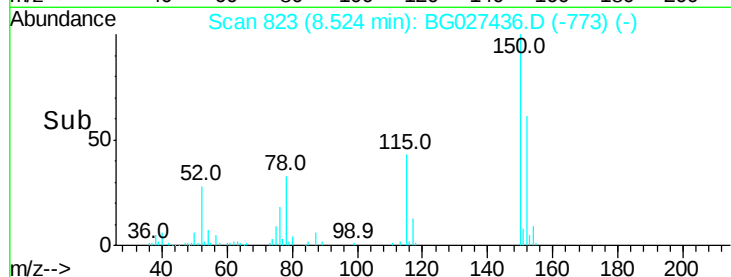
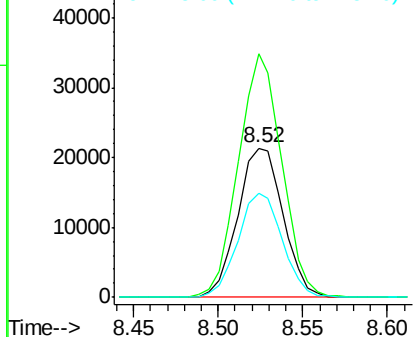
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027436.D
Acq: 15 Jun 2017 4:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39786
Ion Ratio Lower Upper
152 100
150 163.1 114.0 171.0
115 69.9 48.1 72.1



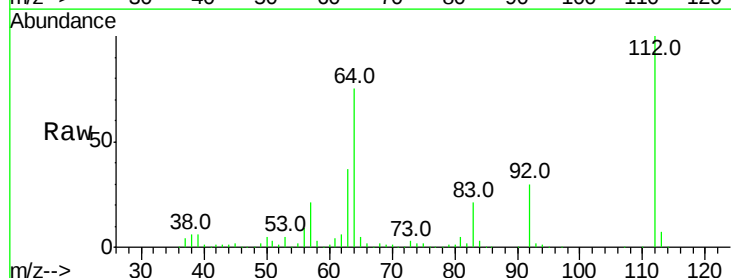
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



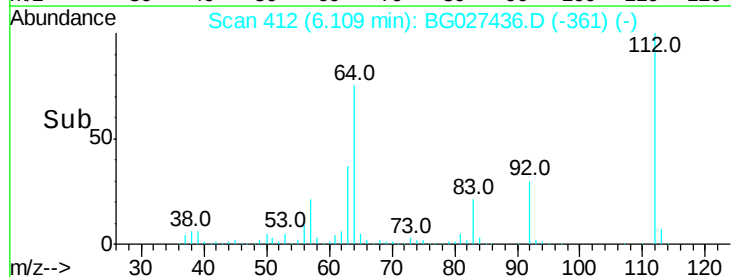
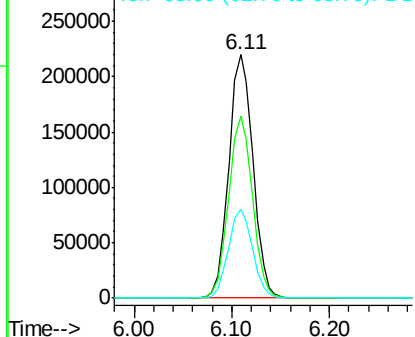
#5

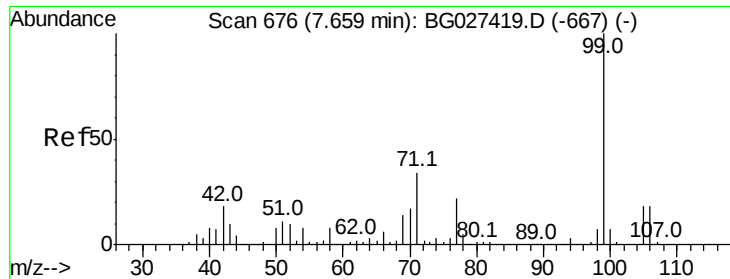
2-Fluorophenol
Concen: 134.16 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027436.D
Acq: 15 Jun 2017 4:27

Tgt Ion:112 Resp: 377694
Ion Ratio Lower Upper
112 100
64 75.1 61.8 92.6
63 36.5 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: 113.60 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027436.D

Acq: 15 Jun 2017 4:27

Instrument :

BNA_G

ClientSampleId :

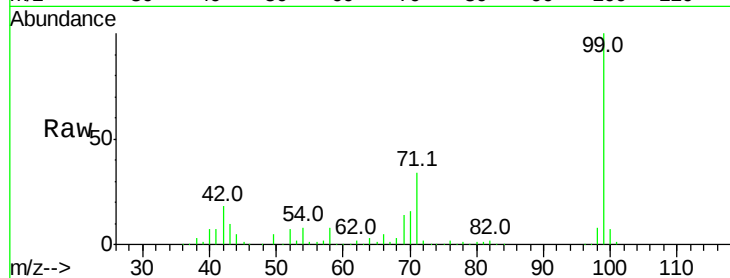
Tot Ion: 99 Resp: 491470

Ion Ratio Lower Upper

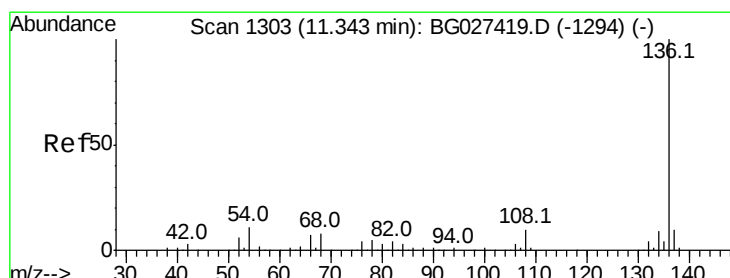
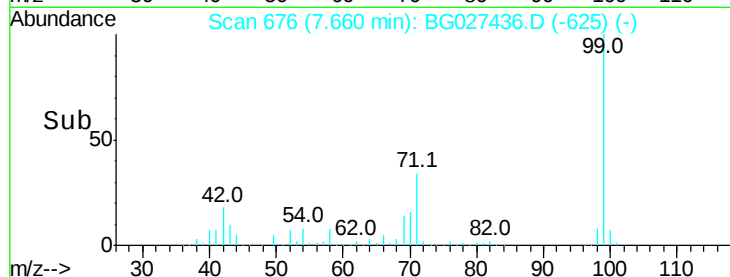
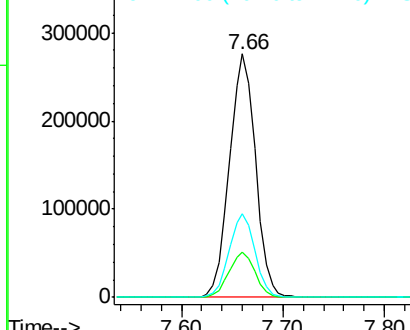
99 100

42 18.4 20.5 30.7#

71 34.4 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: 11.34 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG027436.D

Acq: 15 Jun 2017 4:27

Tgt Ion: 136 Resp: 181475

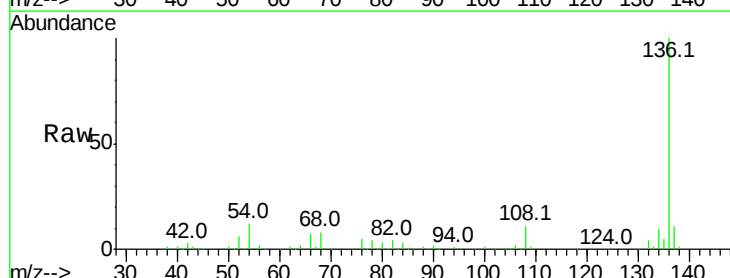
Ion Ratio Lower Upper

136 100

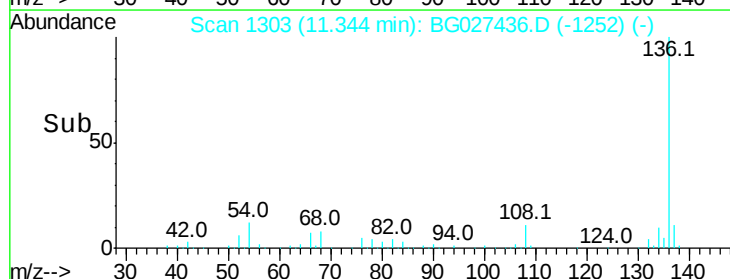
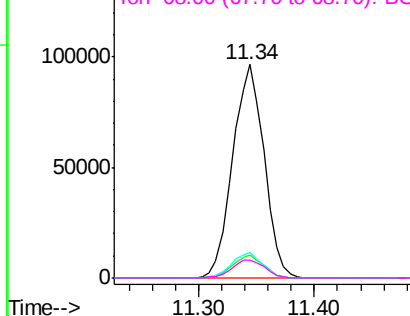
137 10.8 8.9 13.3

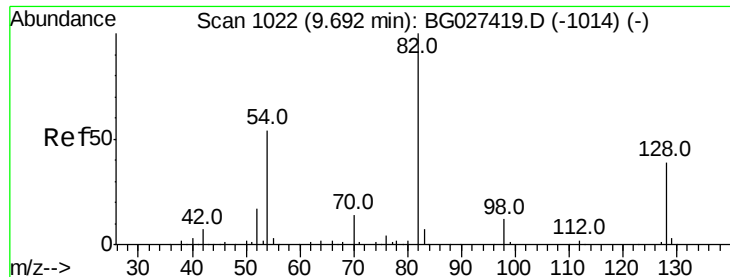
54 11.9 9.3 13.9

68 8.5 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

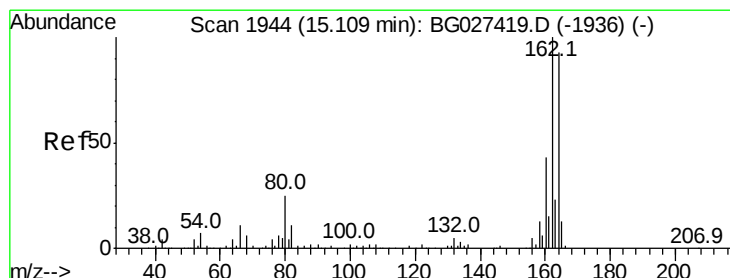
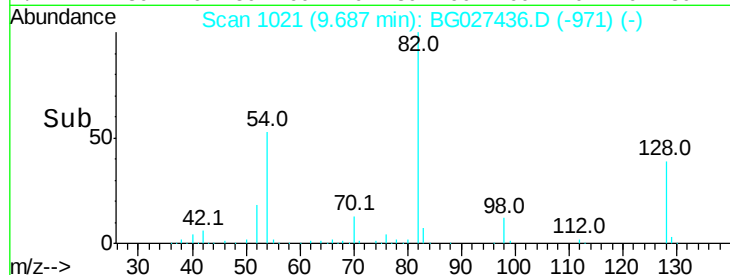
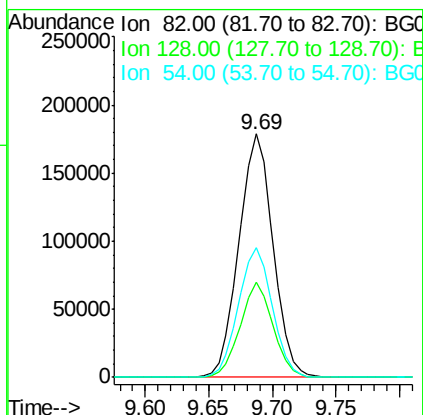
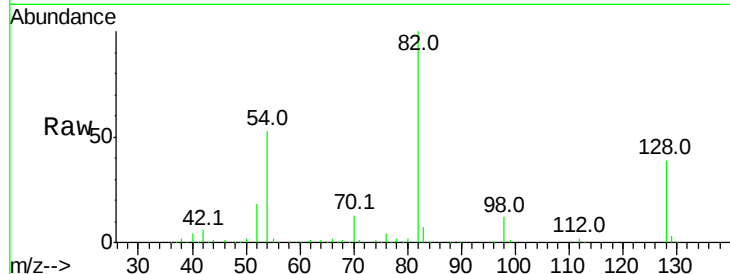




#23
Nitrobenzene-d5
Concen: 93.68 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG027436.D
Acq: 15 Jun 2017 4:27

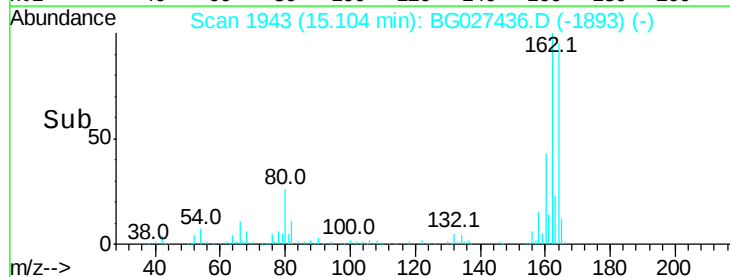
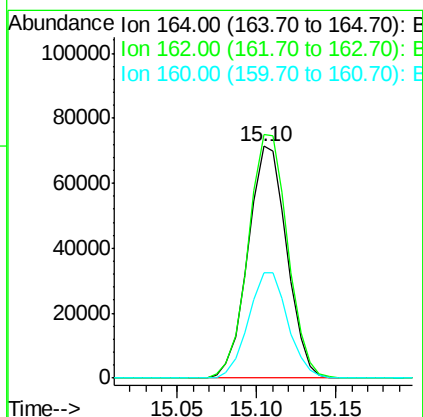
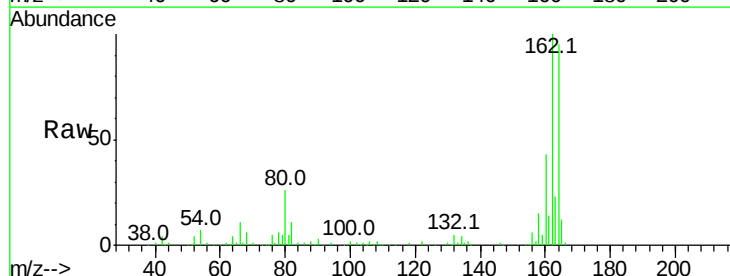
Instrument :
BNA_G
ClientSampled :

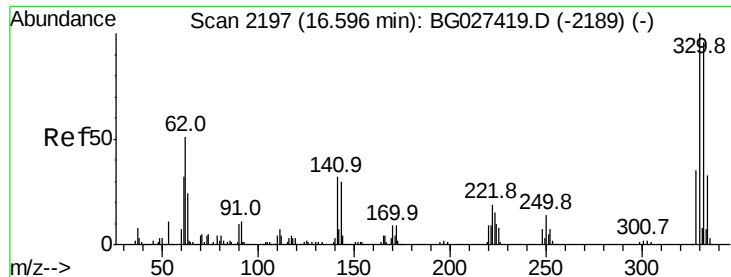
Tot Ion	82	Resp	333438
Ion Ratio	100	Lower	Upper
128	39.0	26.4	39.6
54	53.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.10 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG027436.D
Acq: 15 Jun 2017 4:27

Tgt Ion	164	Resp	121166
Ion Ratio	100	Lower	Upper
162	105.0	85.1	127.7
160	45.3	34.7	52.1

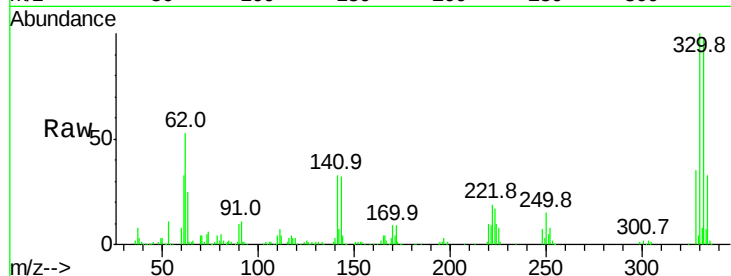




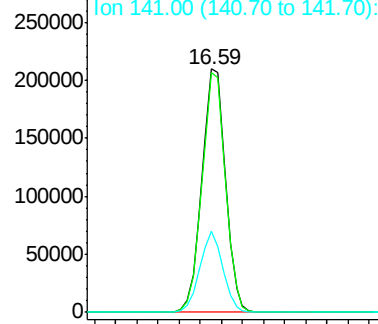
#41
 2,4,6-Tribromophenol
 Concen: 176.63 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027436.D
 Acq: 15 Jun 2017 4:27

Instrument :
 BNA_G
 ClientSampleId :

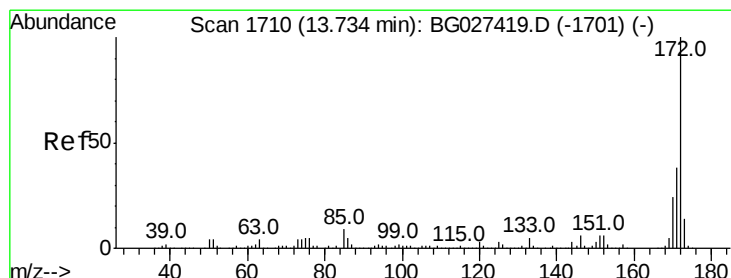
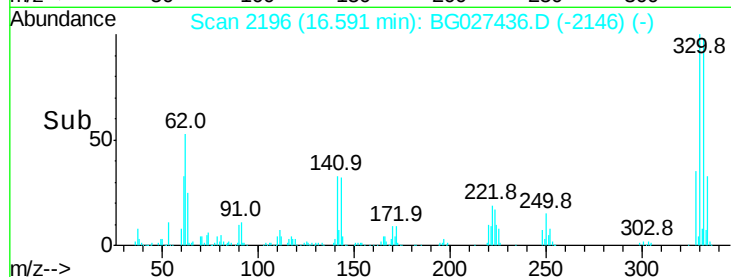
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	32.5	32.1	48.1



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

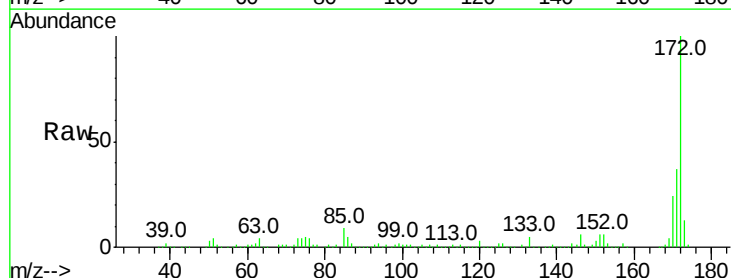


Time--> 16.50 16.60 16.70

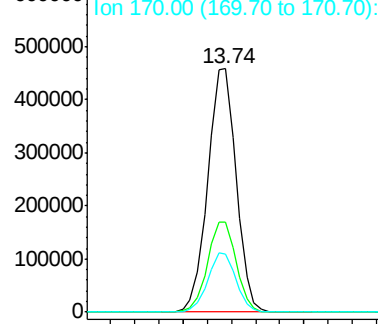


#44
 2-Fluorobiphenyl
 Concen: 89.82 ng
 RT: 13.74 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG027436.D
 Acq: 15 Jun 2017 4:27

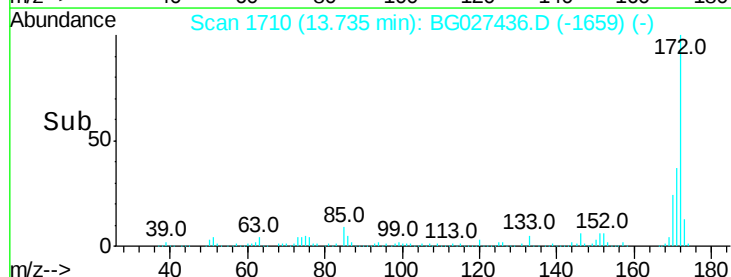
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.0	21.8	32.6

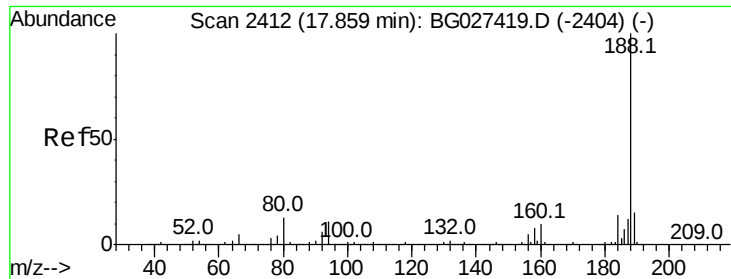


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 13.70 13.80





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.86 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG027436.D

Acq: 15 Jun 2017 4:27

Instrument :

BNA_G

ClientSampleId :

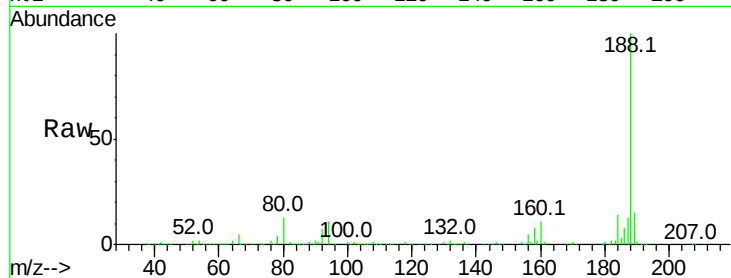
Tot Ion:188 Resp: 364488

Ion Ratio Lower Upper

188 100

94 10.9 5.8 8.8#

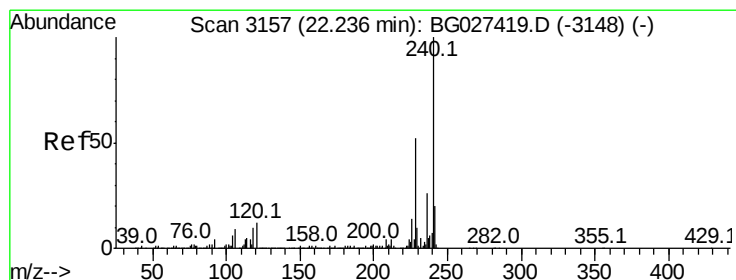
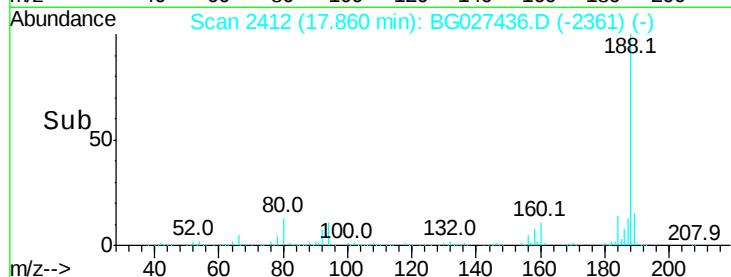
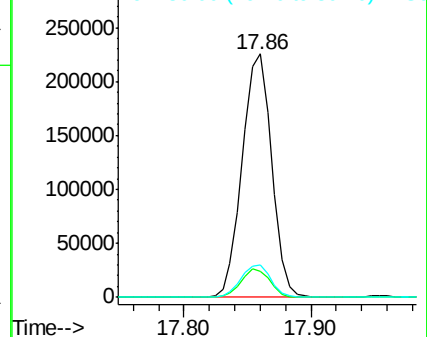
80 13.2 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG027436.D

Acq: 15 Jun 2017 4:27

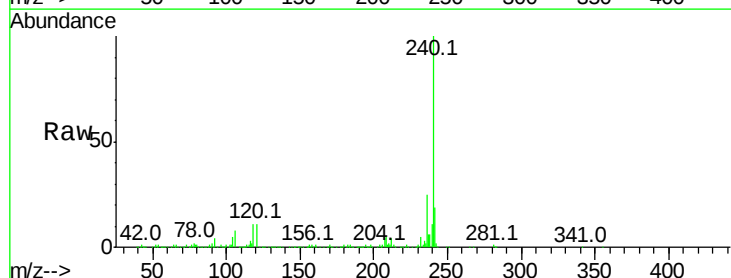
Tgt Ion:240 Resp: 426283

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

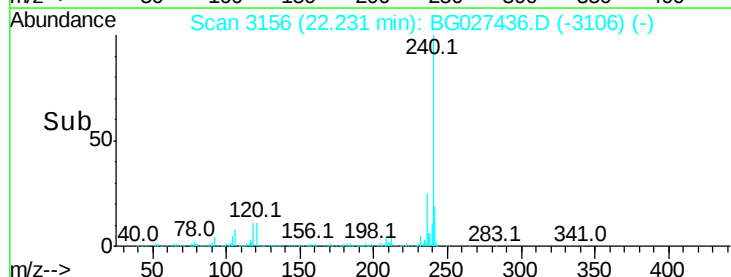
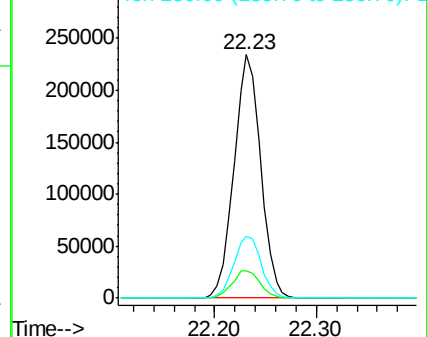
236 25.4 22.2 33.4

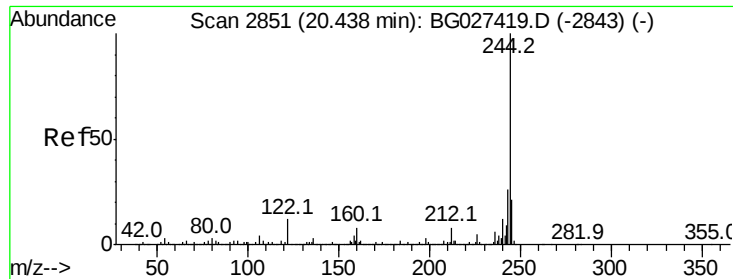


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.89 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027436.D

Acq: 15 Jun 2017 4:27

Instrument :

BNA_G

ClientSampleId :

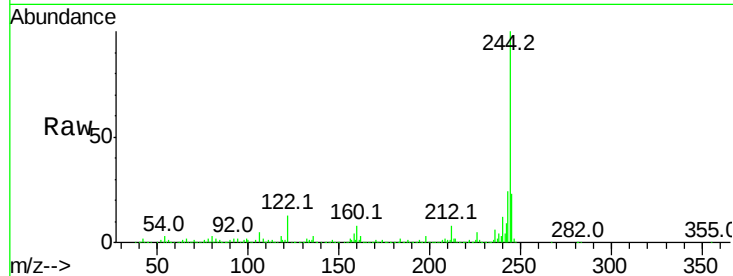
Tot Ion:244 Resp: 1678039

Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	12.9	8.6	12.8#

244 100

212 8.4 10.0 15.0#

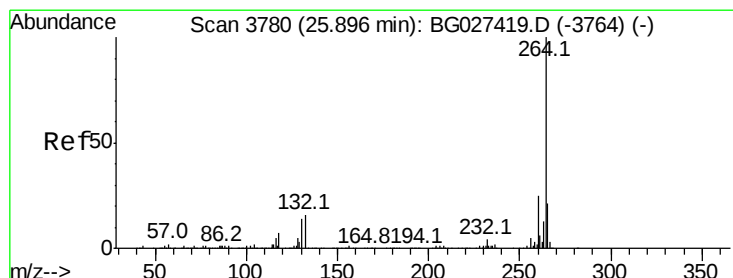
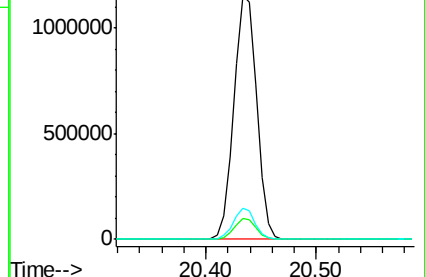
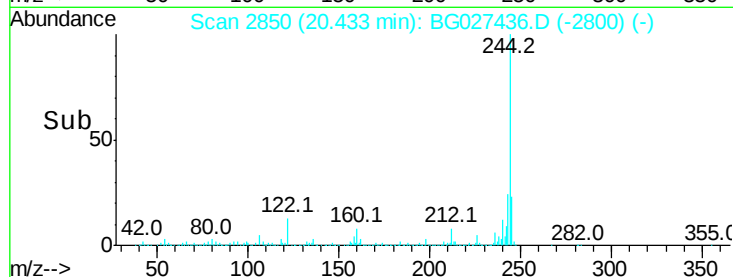
122 12.9 8.6 12.8#



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: 25.89 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG027436.D

Acq: 15 Jun 2017 4:27

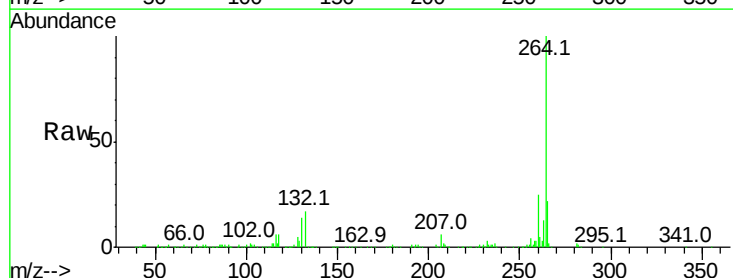
Tgt Ion:264 Resp: 410227

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	21.9	18.2	27.4

264 100

260 24.7 21.8 32.8

265 21.9 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

