

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027432.D
 Acq On : 15 Jun 2017 00:42
 Operator : SJ/MA
 Sample : PB99761TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99761TB

Quant Time: Jun 15 04:46:38 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	38761	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	179467	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	120922	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	352242	20.00	ng	0.00
75) Chrysene-d12	22.23	240	410626	20.00	ng	0.00
86) Perylene-d12	25.89	264	399812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	370105	134.94	ng	0.00
7) Phenol-d6	7.66	99	521131	123.64	ng	0.00
23) Nitrobenzene-d5	9.69	82	297615	84.55	ng	0.00
41) 2,4,6-Tribromophenol	16.60	330	279262	153.88	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	696306	83.19	ng	0.00
78) Terphenyl-d14	20.44	244	1500667	93.67	ng	0.00

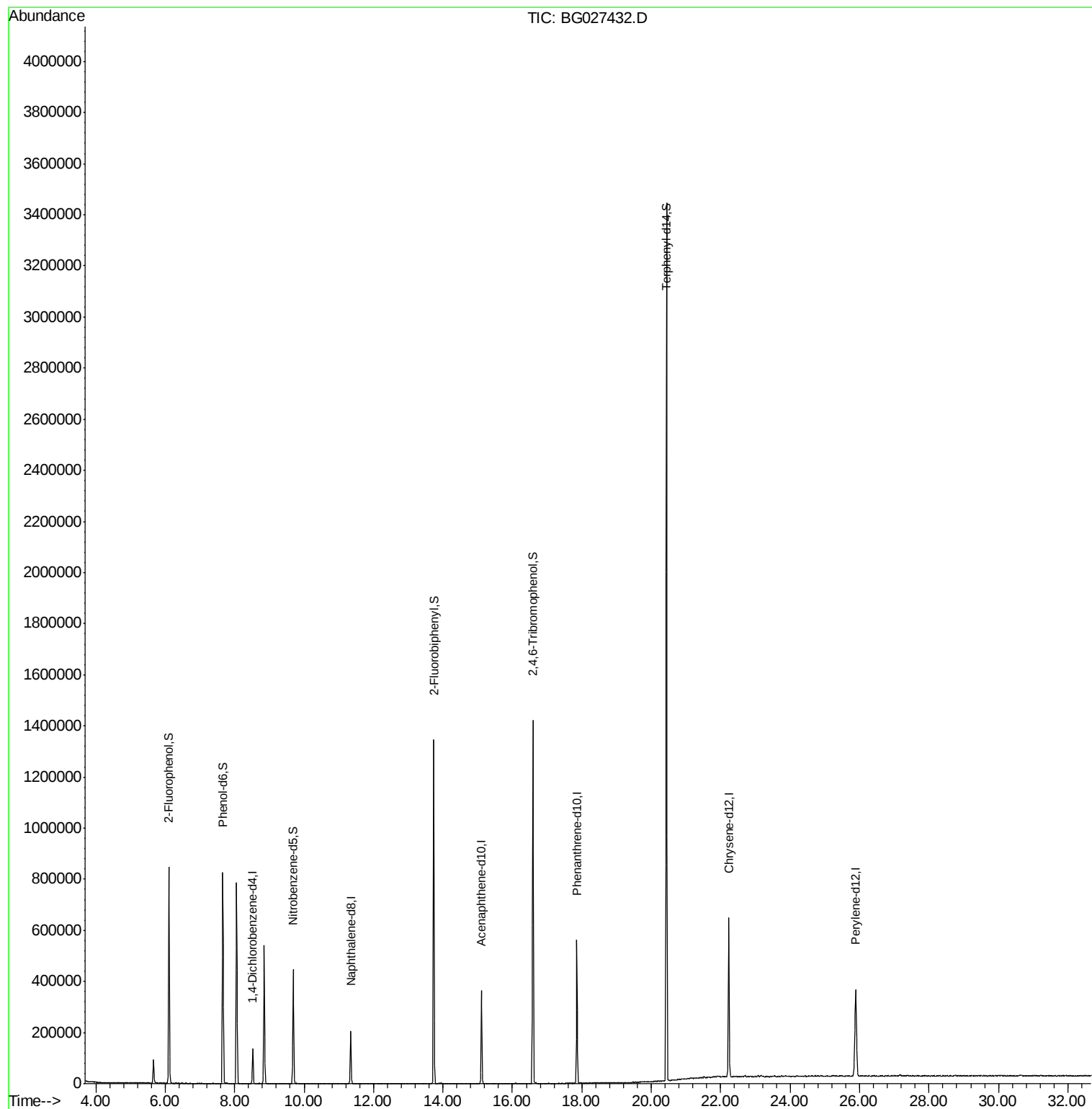
Target Compounds Qvalue

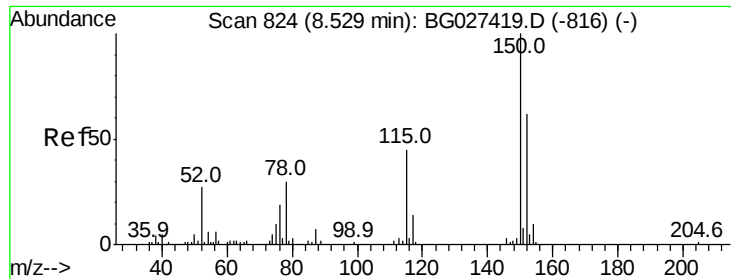
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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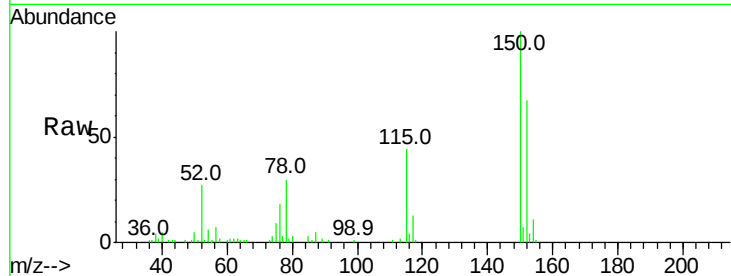


#1

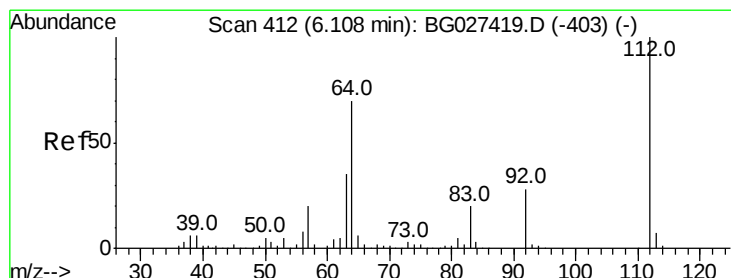
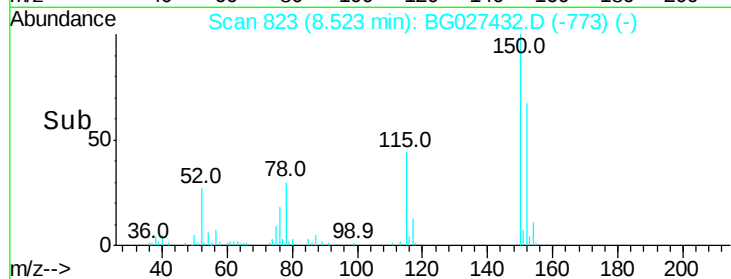
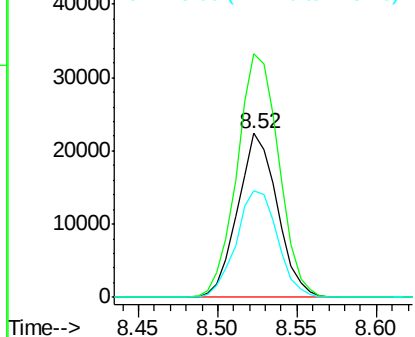
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG027432.D
Acq: 15 Jun 2017 00:42

Instrument :
BNA_G
ClientSampleId :
PB99761TB

Tot Ion:152 Resp: 38761
Ion Ratio Lower Upper
152 100
150 148.7 114.0 171.0
115 65.3 48.1 72.1



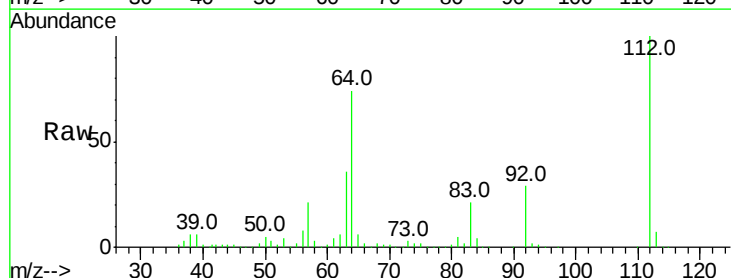
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



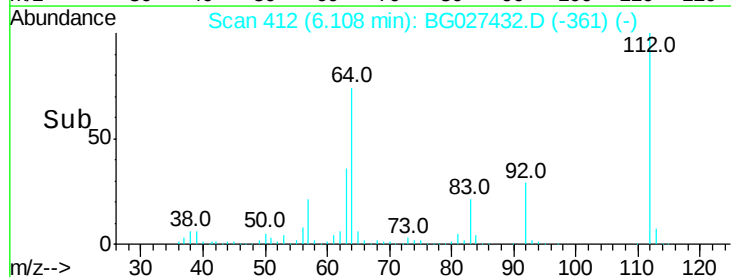
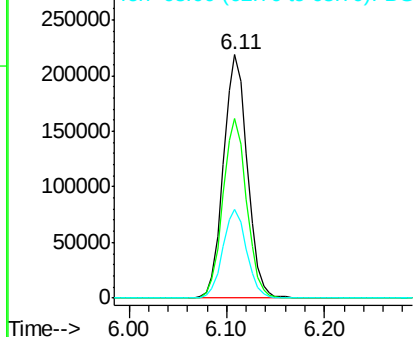
#5

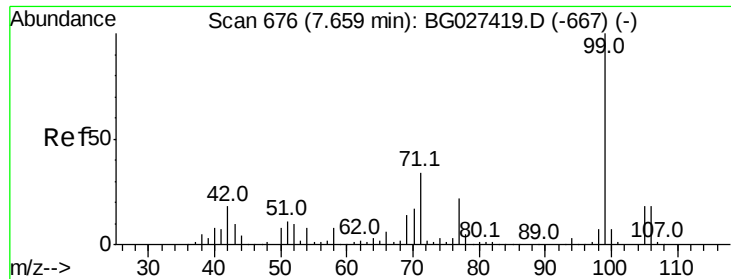
2-Fluorophenol
Concen: 134.94 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027432.D
Acq: 15 Jun 2017 00:42

Tgt Ion:112 Resp: 370105
Ion Ratio Lower Upper
112 100
64 73.6 61.8 92.6
63 36.3 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: 123.64 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027432.D

Acq: 15 Jun 2017 00:42

Instrument :

BNA_G

ClientSampleId :

PB99761TB

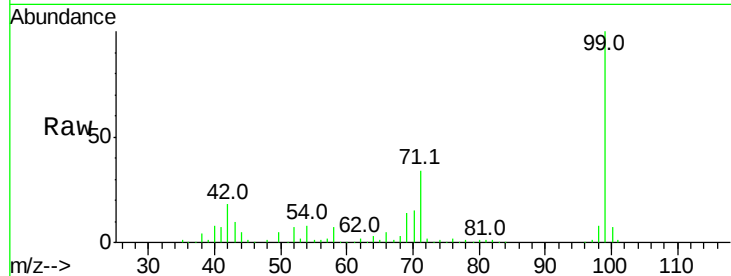
Tot Ion: 99 Resp: 521131

Ion Ratio Lower Upper

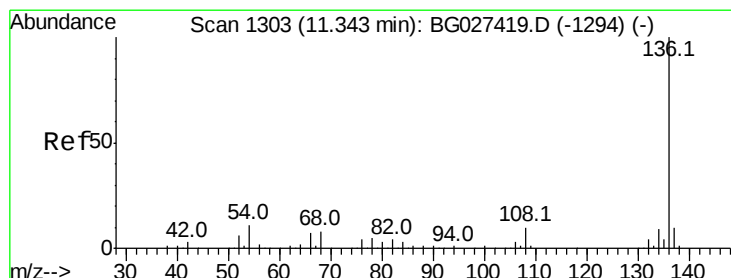
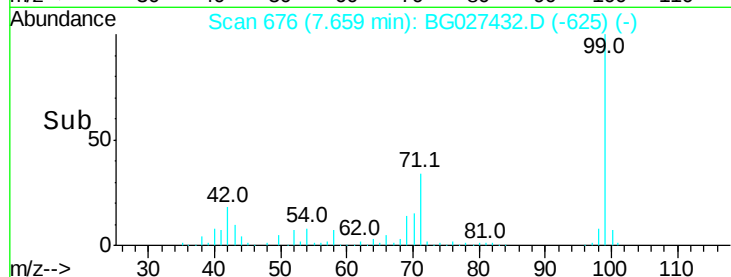
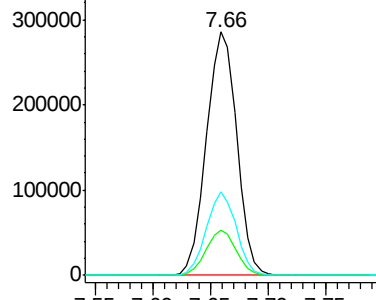
99 100

42 18.4 20.5 30.7#

71 34.1 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: BG027432.D

Acq: 15 Jun 2017 00:42

Tgt Ion: 136 Resp: 179467

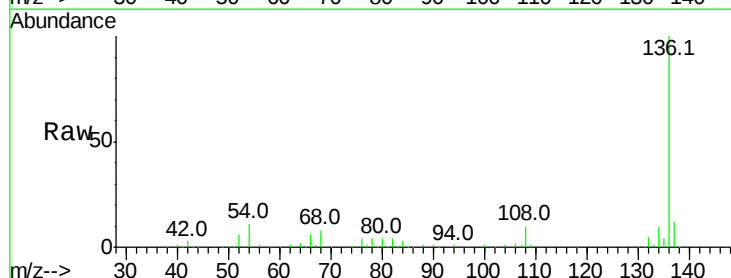
Ion Ratio Lower Upper

136 100

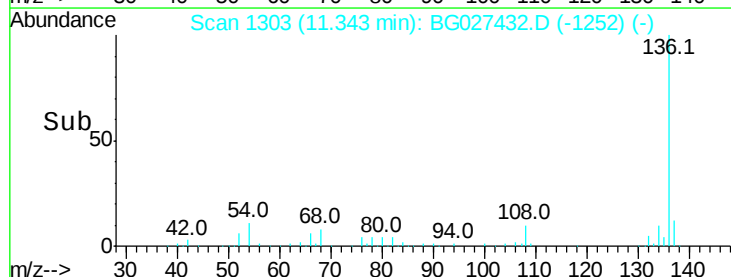
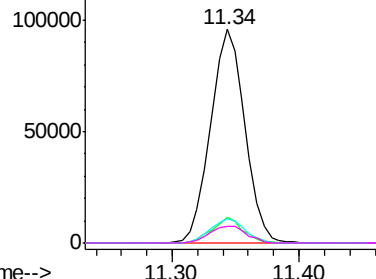
137 11.8 8.9 13.3

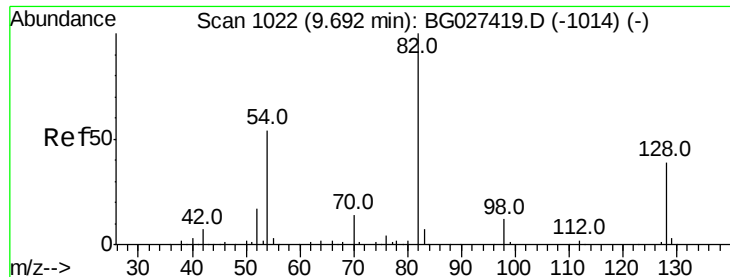
54 11.2 9.3 13.9

68 7.5 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

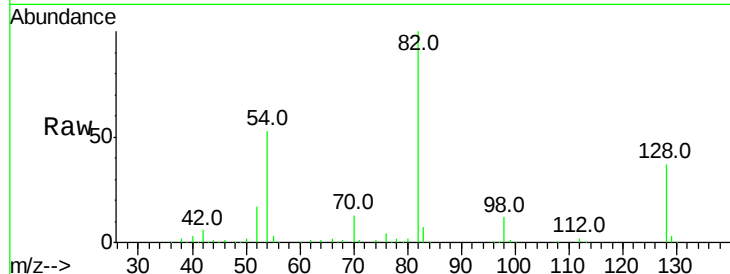




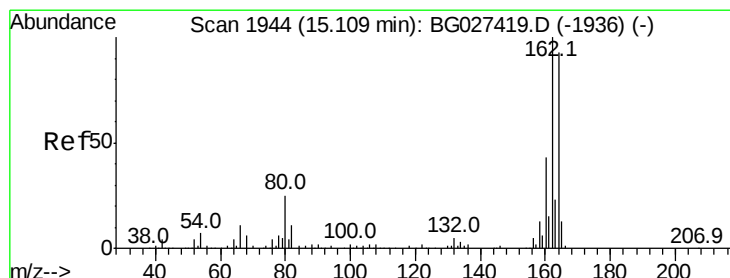
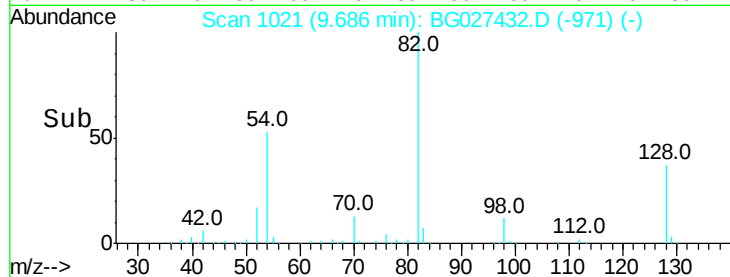
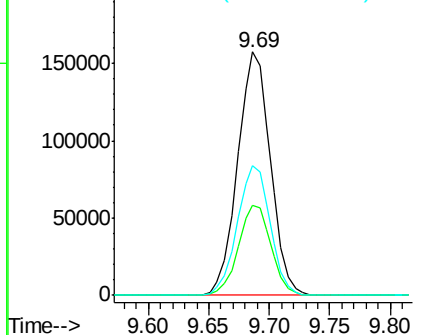
#23
 Nitrobenzene-d5
 Concen: 84.55 ng
 RT: 9.69 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG027432.D
 Acq: 15 Jun 2017 00:42

Instrument :
 BNA_G
 ClientSampleID :
 PB99761TB

Tot Ion	82	Resp	297615
Ion Ratio	100	Lower	Upper
128	36.7	26.4	39.6
54	53.4	49.4	74.2

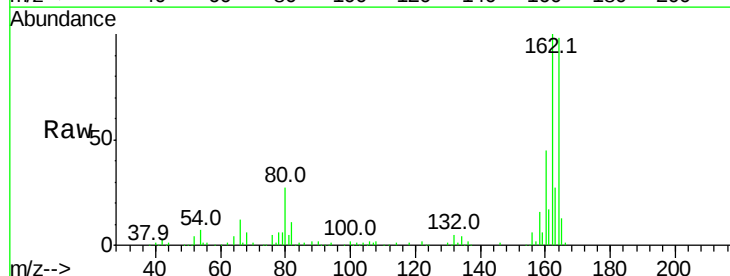


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

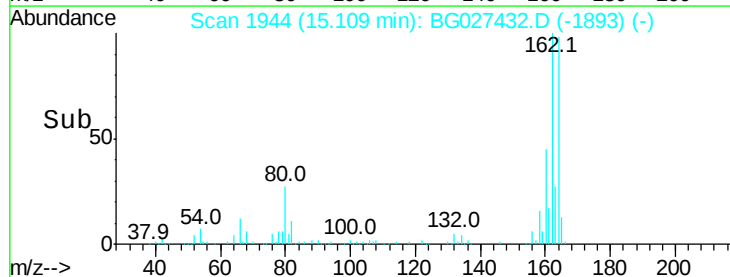
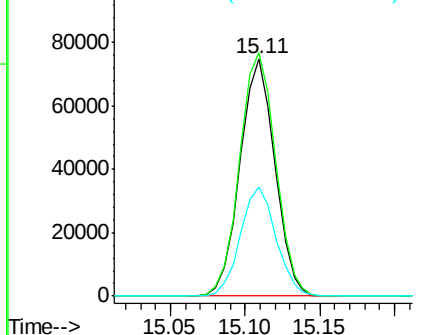


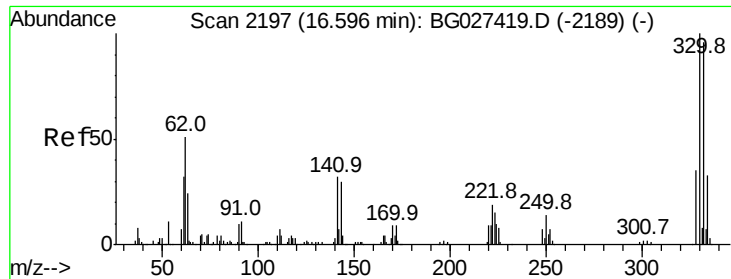
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG027432.D
 Acq: 15 Jun 2017 00:42

Tgt Ion	164	Resp	120922
Ion Ratio	100	Lower	Upper
162	102.4	85.1	127.7
160	45.9	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

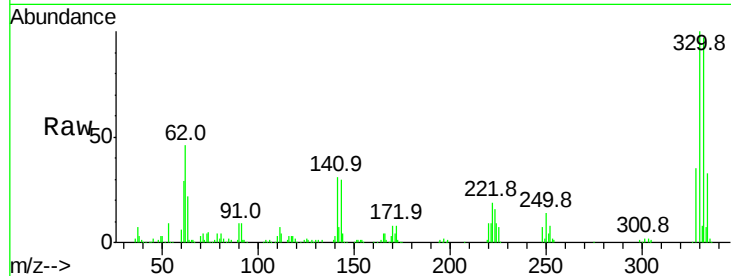




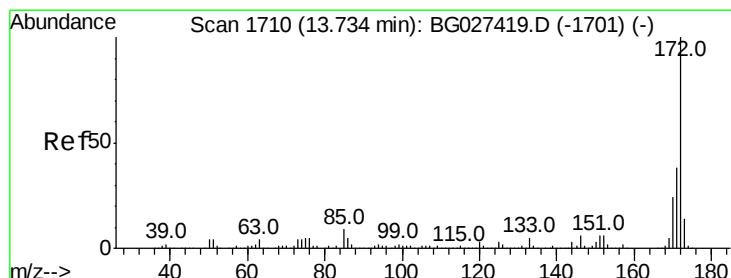
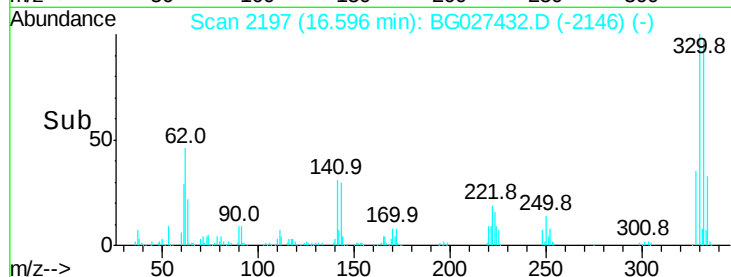
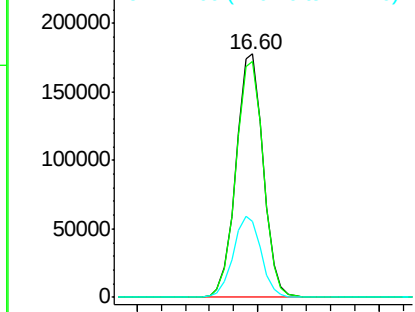
#41
 2,4,6-Tribromophenol
 Concen: 153.88 ng
 RT: 16.60 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BG027432.D
 Acq: 15 Jun 2017 00:42

Instrument :
 BNA_G
 ClientSampleId :
 PB99761TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	34.0	32.1	48.1

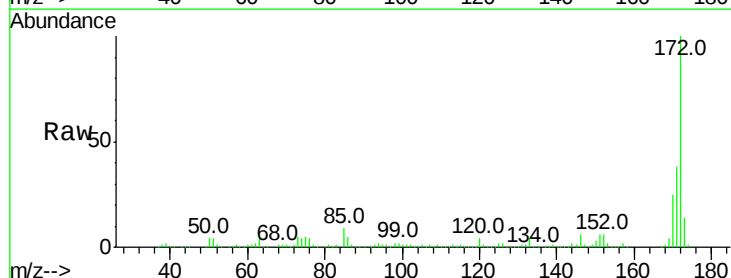


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

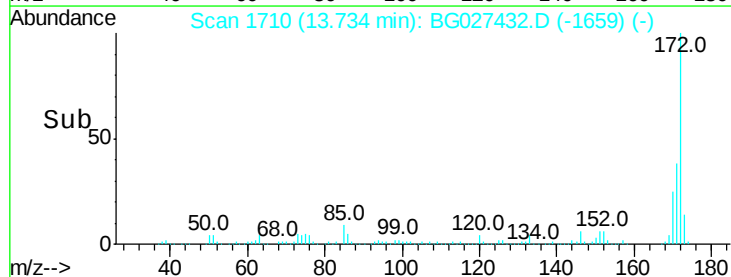
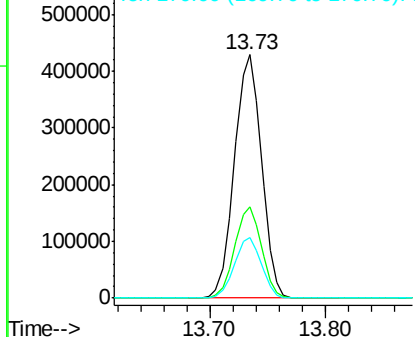


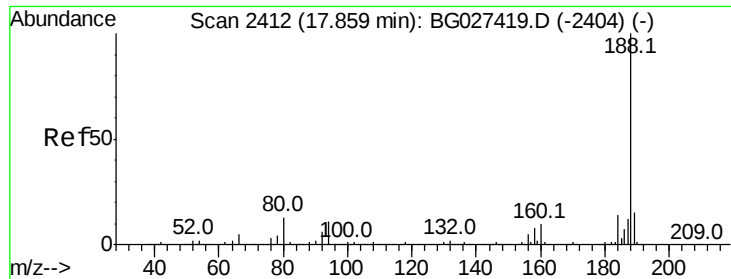
#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 13.73 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG027432.D
 Acq: 15 Jun 2017 00:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	25.0	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.86 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG027432.D

Acq: 15 Jun 2017 00:42

Instrument :

BNA_G

ClientSampleId :

PB99761TB

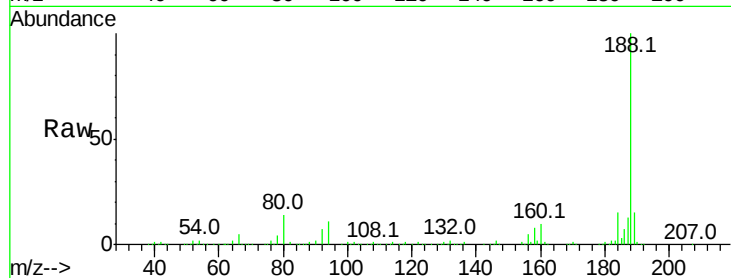
Tot Ion:188 Resp: 352242

Ion Ratio Lower Upper

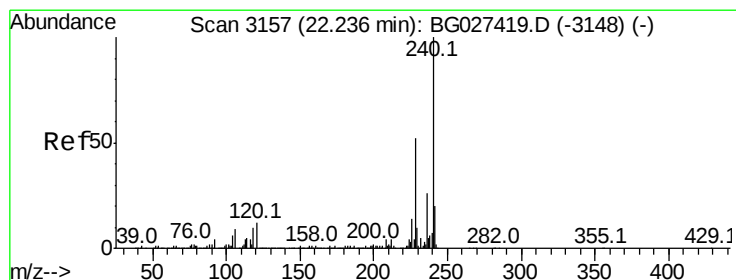
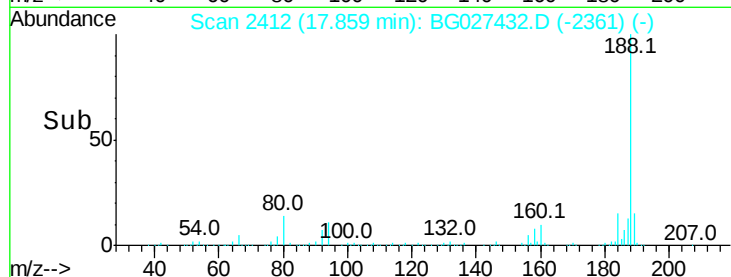
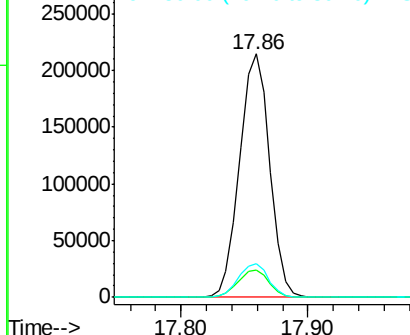
188 100

94 11.5 5.8 8.8#

80 14.1 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: 22.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG027432.D

Acq: 15 Jun 2017 00:42

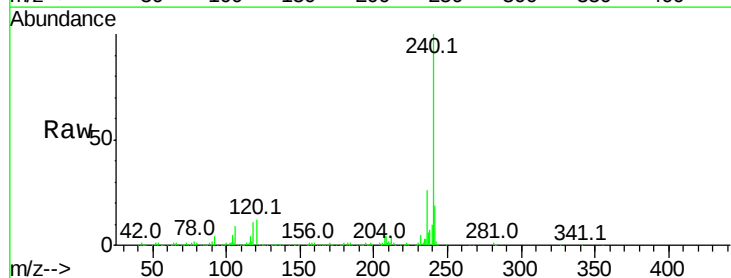
Tgt Ion:240 Resp: 410626

Ion Ratio Lower Upper

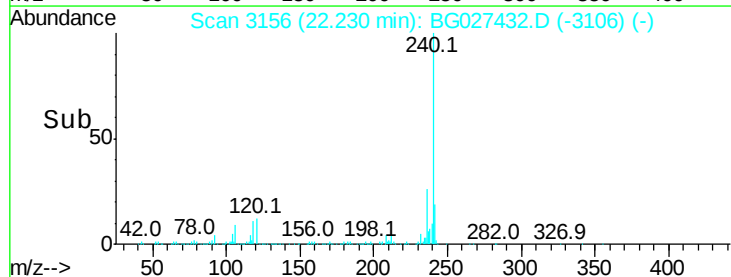
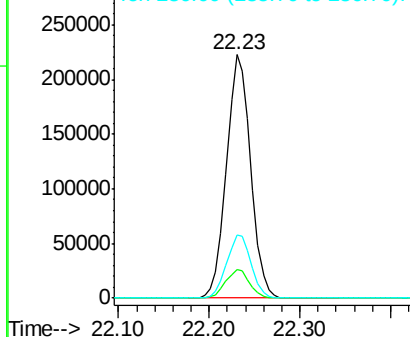
240 100

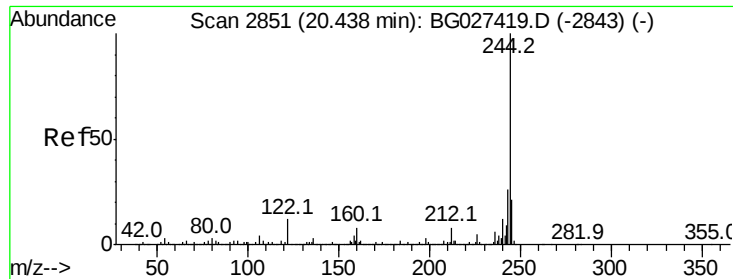
120 11.9 5.7 8.5#

236 25.8 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: 93.67 ng

RT: 20.44 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG027432.D

Acq: 15 Jun 2017 00:42

Instrument :

BNA_G

ClientSampled :

PB99761TB

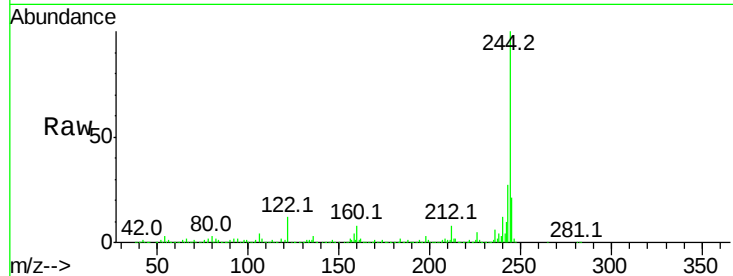
Tot Ion:244 Resp: 1500667

Ion Ratio Lower Upper

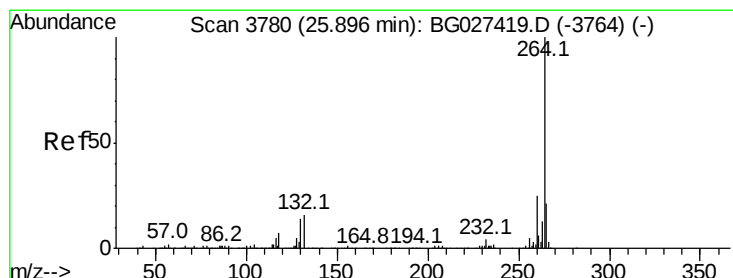
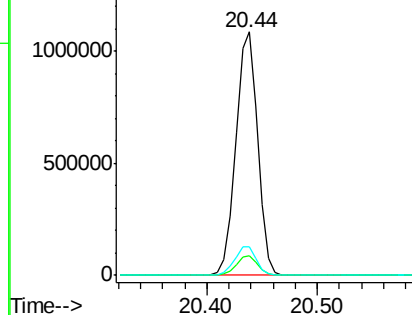
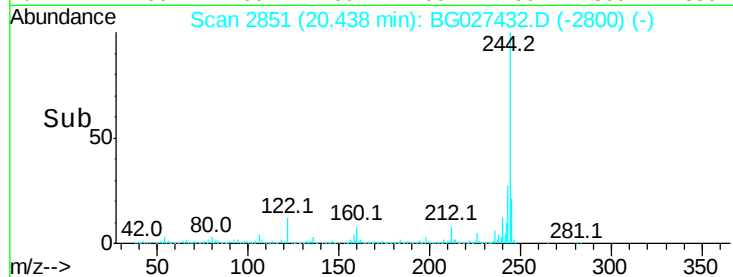
244 100

212 8.2 10.0 15.0#

122 11.6 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# 3779

Delta R.T. -0.01 min

Lab File: BG027432.D

Acq: 15 Jun 2017 00:42

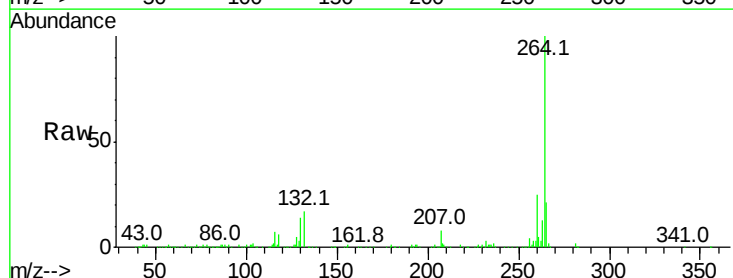
Tgt Ion:264 Resp: 399812

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 20.9 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

