

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027214.D
 Acq On : 5 Jun 2017 15:57
 Operator : SJ/MA
 Sample : PB99411BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99411BL

Quant Time: Jun 06 04:01:29 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	8.57	152	48687	20.00	ng	0.00
21) Naphthalene-d8	11.40	136	217046	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	140758	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	362979	20.00	ng	0.00
75) Chrysene-d12	22.30	240	421324	20.00	ng	0.00
86) Perylene-d12	26.01	264	396695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	491372	154.01	ng	0.00
7) Phenol-d6	7.71	99	668893	142.82	ng	0.00
23) Nitrobenzene-d5	9.74	82	333433	96.61	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	285371	153.96	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	945428	93.96	ng	0.00
78) Terphenyl-d14	20.49	244	1594521	96.54	ng	0.00

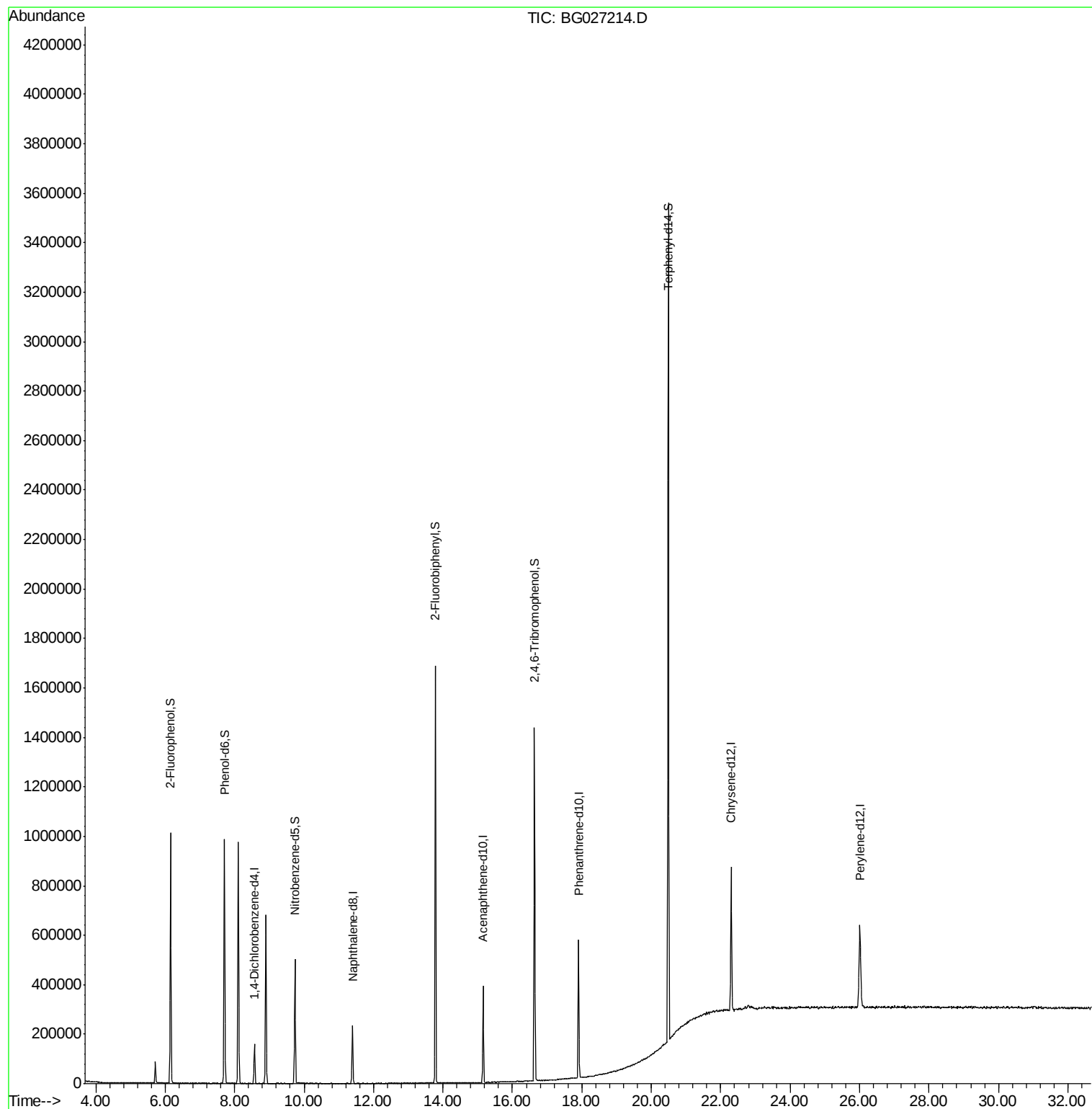
Target Compounds Qvalue

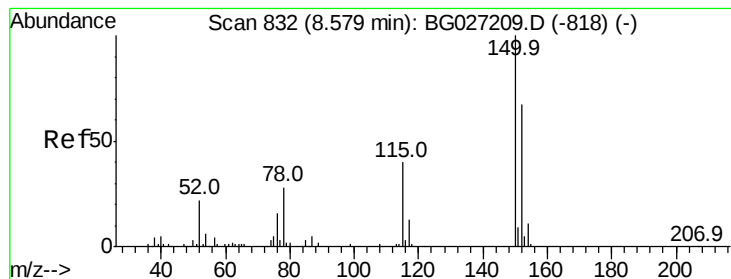
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 05 16:00:35 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027214.D

Acq: 5 Jun 2017 15:57

Instrument :

BNA_G

ClientSampled :

PB99411BL

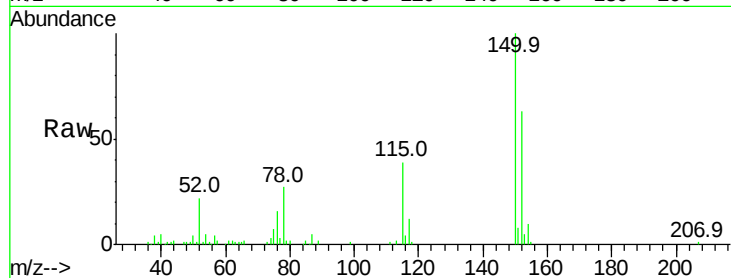
Tot Ion:152 Resp: 48687

Ion Ratio Lower Upper

152 100

150 157.5 114.0 171.0

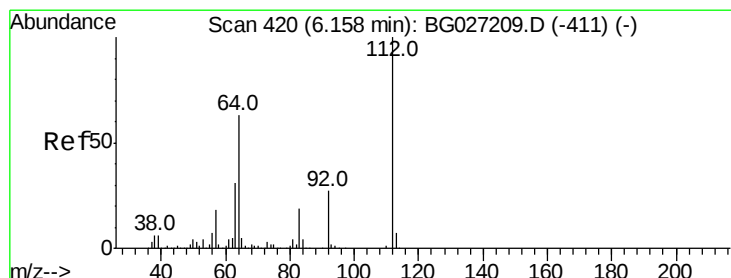
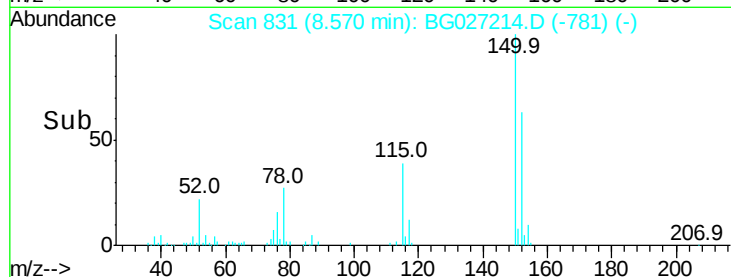
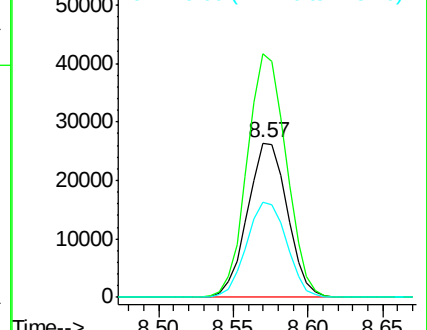
115 61.9 48.1 72.1



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: 154.01 ng

RT: 6.16 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG027214.D

Acq: 5 Jun 2017 15:57

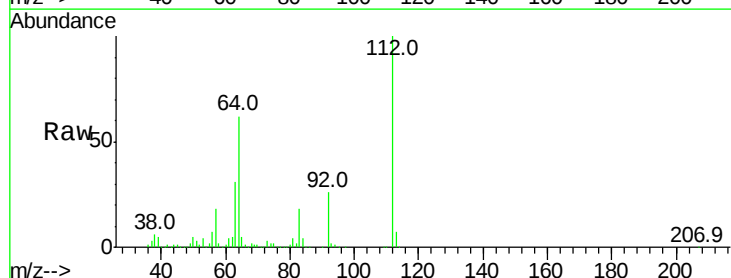
Tgt Ion:112 Resp: 491372

Ion Ratio Lower Upper

112 100

64 62.2 61.8 92.6

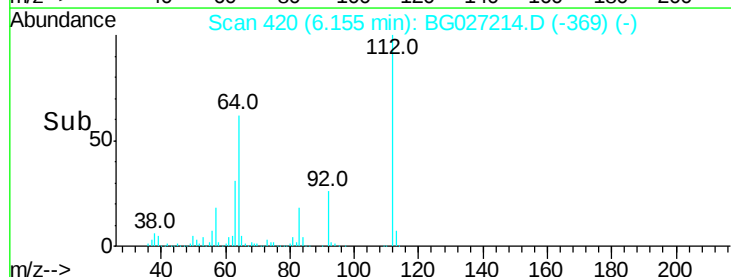
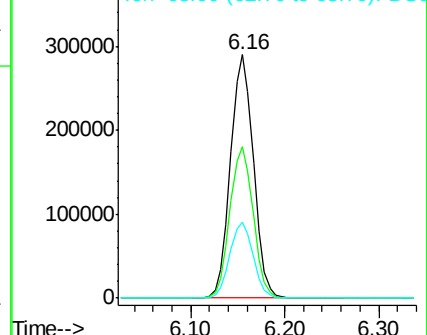
63 31.2 37.2 55.8#

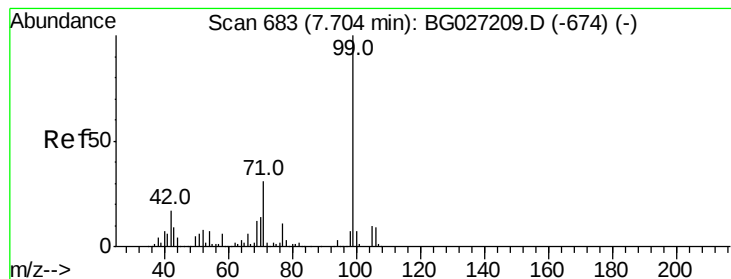


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.82 ng

RT: 7.71 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG027214.D

Acq: 5 Jun 2017 15:57

Instrument :

BNA_G

ClientSampleId :

PB99411BL

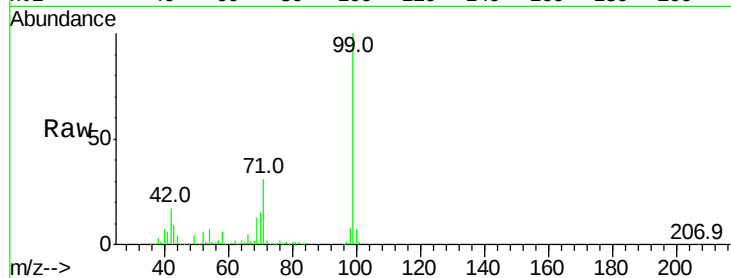
Tot Ion: 99 Resp: 668893

Ion Ratio Lower Upper

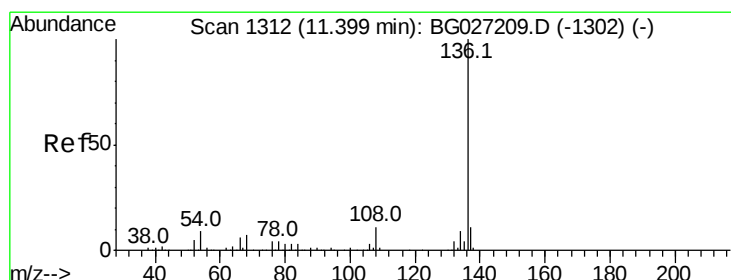
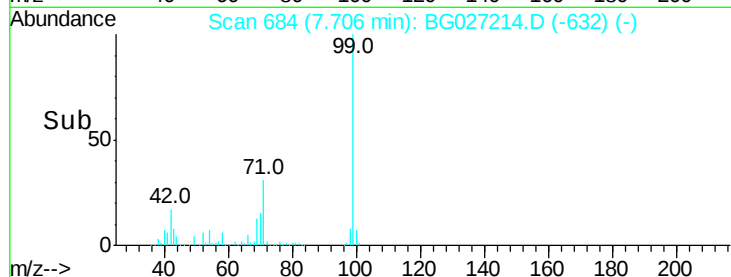
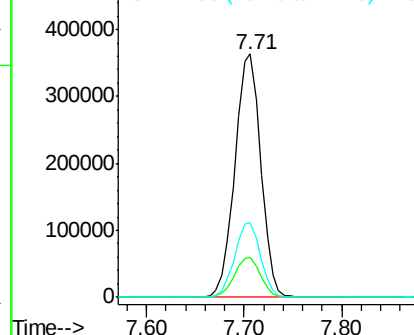
99 100

42 16.6 20.5 30.7#

71 30.6 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: 11.40 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG027214.D

Acq: 5 Jun 2017 15:57

Tgt Ion: 136 Resp: 217046

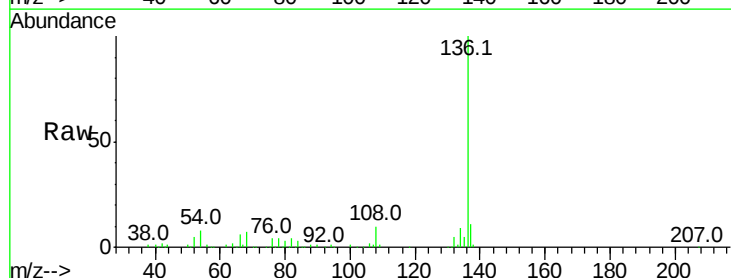
Ion Ratio Lower Upper

136 100

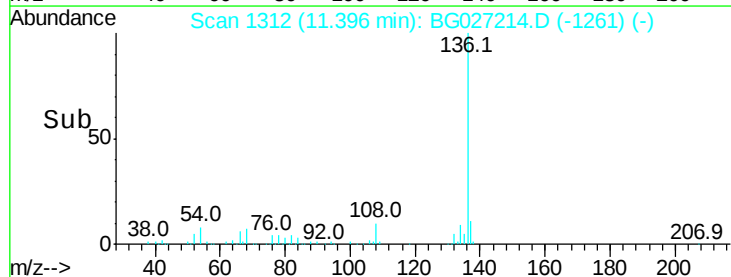
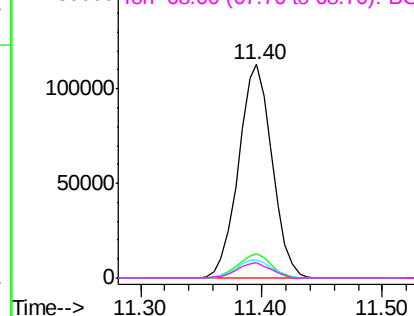
137 11.2 8.9 13.3

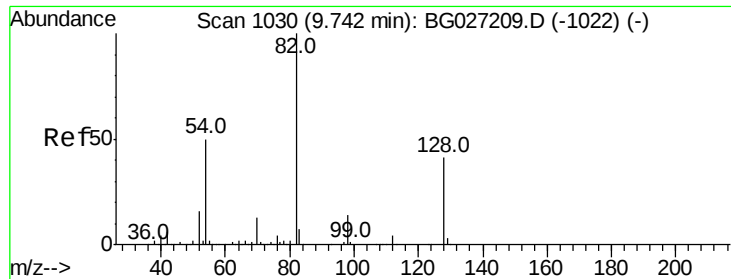
54 8.3 9.3 13.9#

68 7.1 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

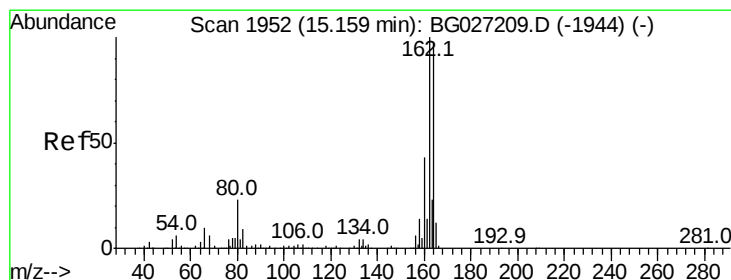
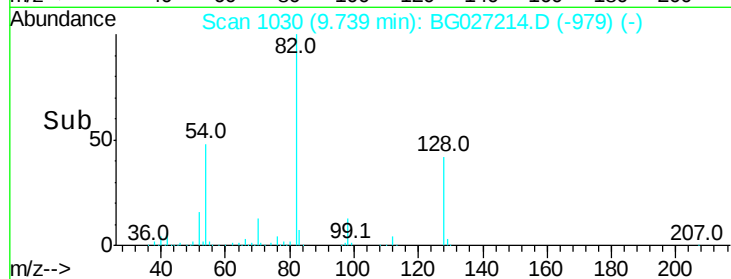
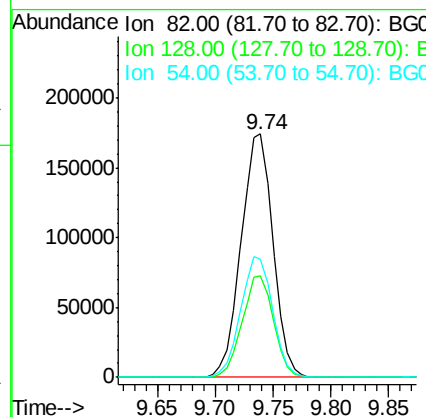
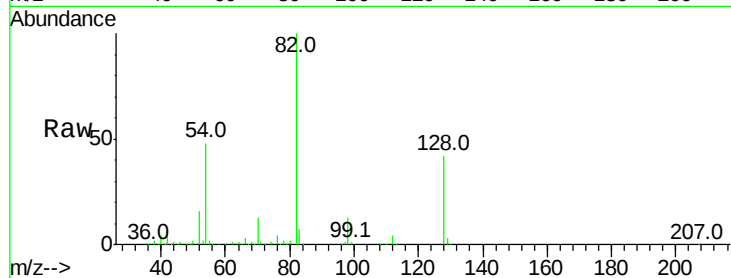




#23
 Nitrobenzene-d5
 Concen: 96.61 ng
 RT: 9.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG027214.D
 Acq: 5 Jun 2017 15:57

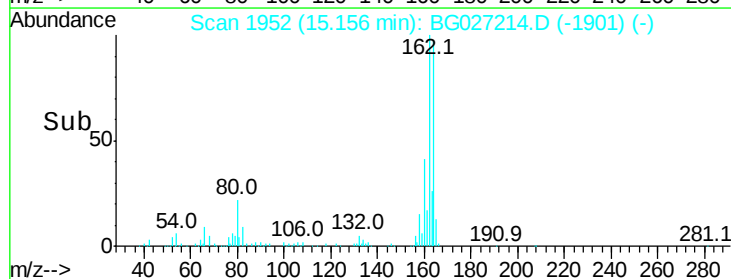
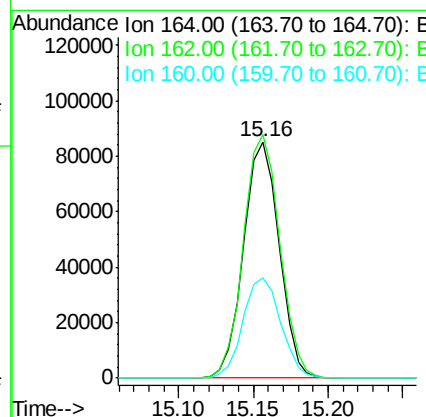
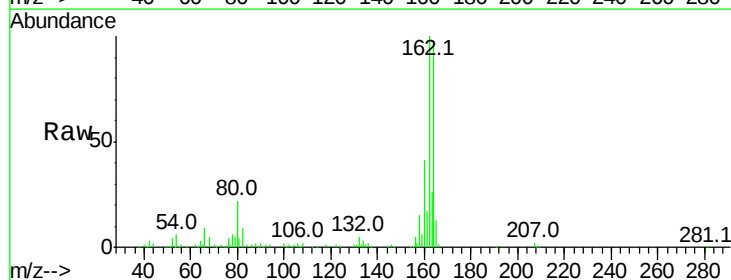
Instrument :
 BNA_G
 ClientSampleID :
 PB99411BL

Tot Ion: 82 Resp: 333433
 Ion Ratio Lower Upper
 82 100
 128 41.6 26.4 39.6#
 54 48.5 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG027214.D
 Acq: 5 Jun 2017 15:57

Tgt Ion:164 Resp: 140758
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 42.6 34.7 52.1

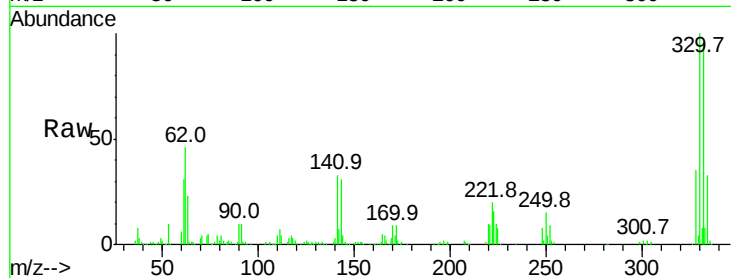




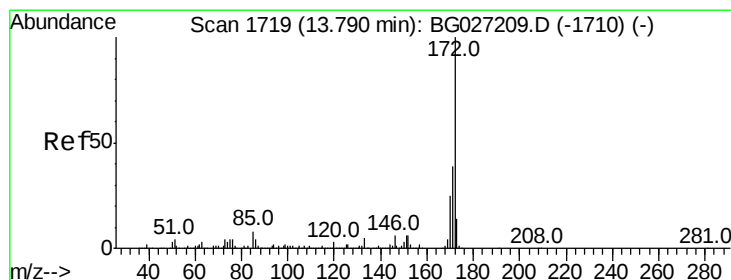
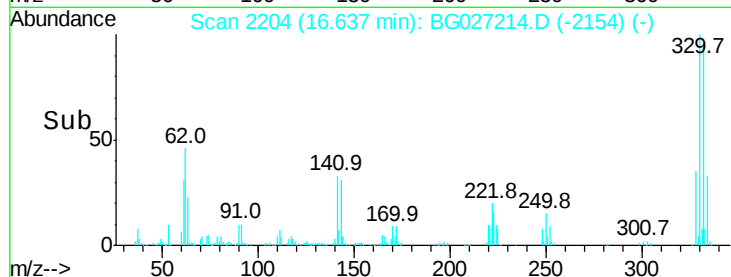
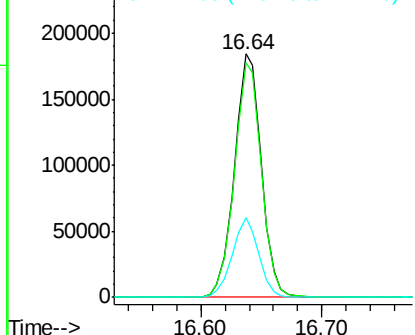
#41
 2,4,6-Tribromophenol
 Concen: 153.96 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027214.D
 Acq: 5 Jun 2017 15:57

Instrument :
 BNA_G
 ClientSampleID :
 PB99411BL

Tot Ion:330 Resp: 285371
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 32.6 32.1 48.1

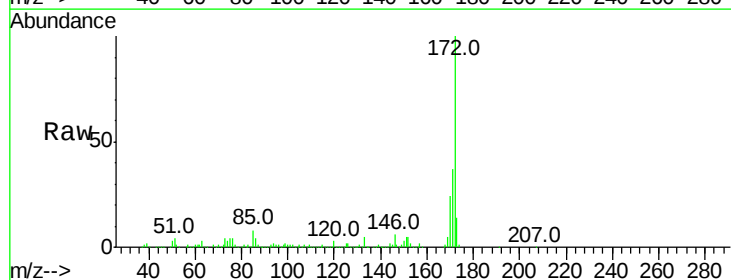


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

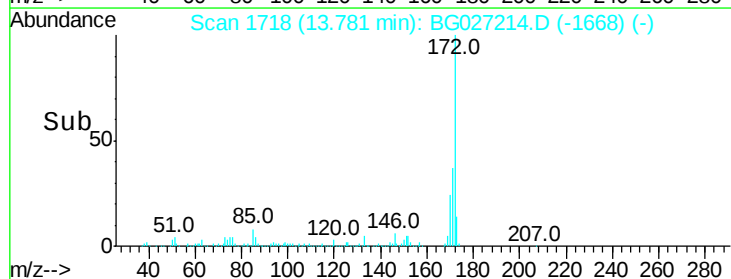
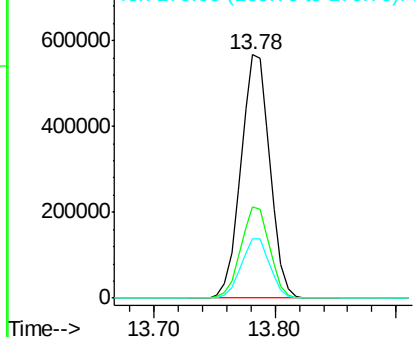


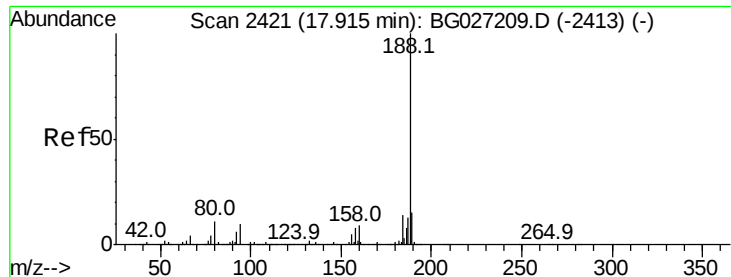
#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027214.D
 Acq: 5 Jun 2017 15:57

Tgt Ion:172 Resp: 945428
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.2 48.2
 170 24.4 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

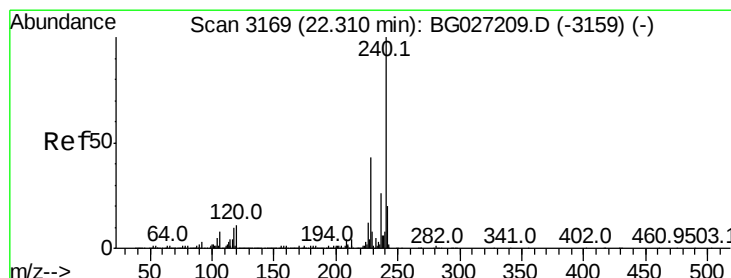
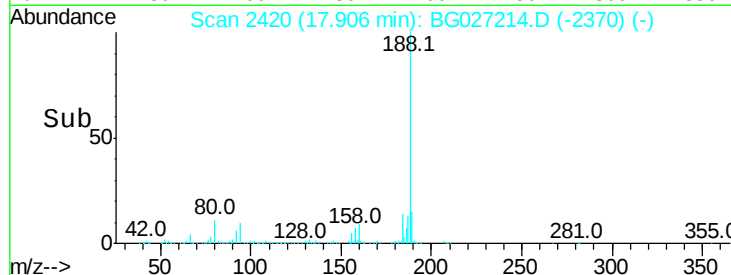
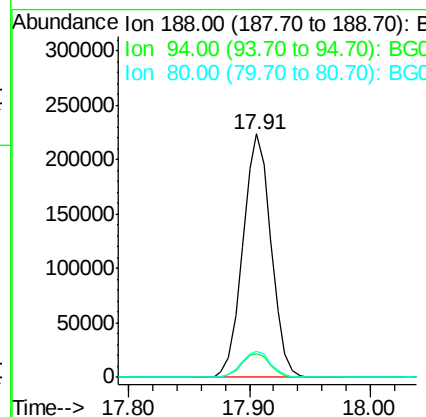
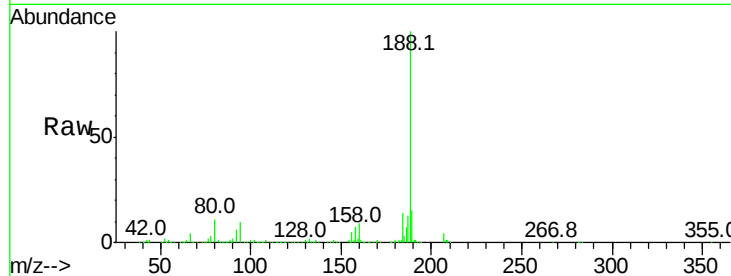




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.91 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

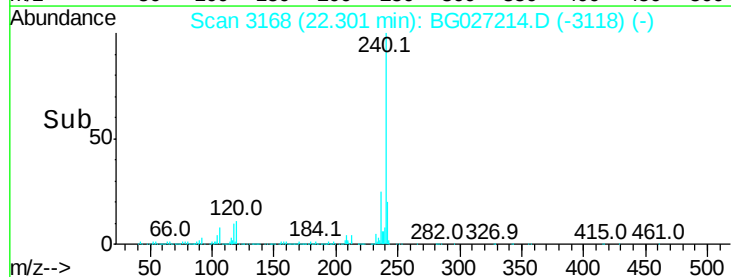
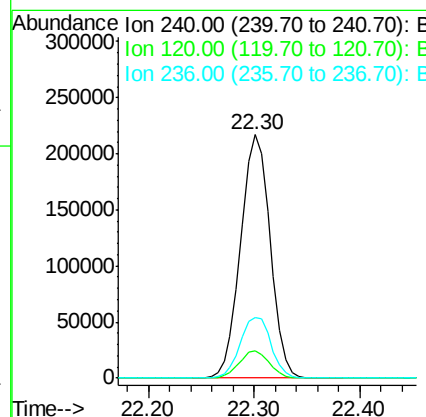
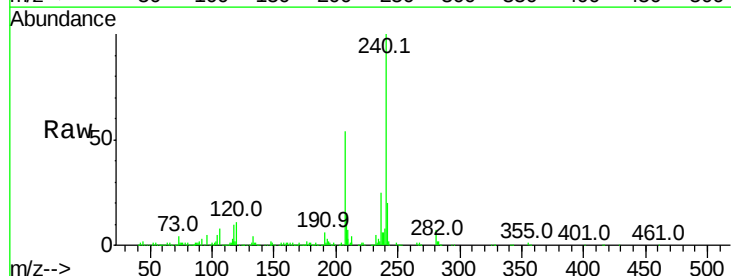
Instrument :
BNA_G
ClientSampleId :
PB99411BL

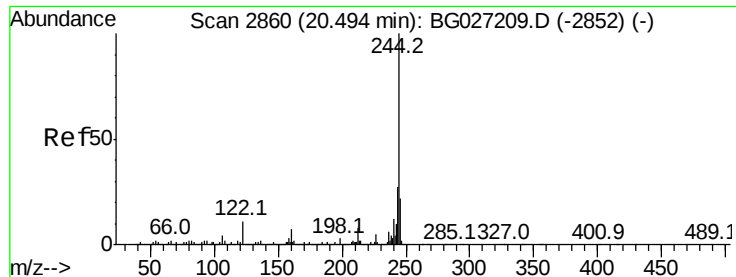
Tot Ion:188 Resp: 362979
Ion Ratio Lower Upper
188 100
94 9.9 5.8 8.8#
80 10.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.30 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG027214.D
Acq: 5 Jun 2017 15:57

Tgt Ion:240 Resp: 421324
Ion Ratio Lower Upper
240 100
120 11.0 5.7 8.5#
236 25.1 22.2 33.4





#78

Terphenyl-d14

Concen: 96.54 ng

RT: 20.49 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG027214.D

Acq: 5 Jun 2017 15:57

Instrument :

BNA_G

ClientSampleId :

PB99411BL

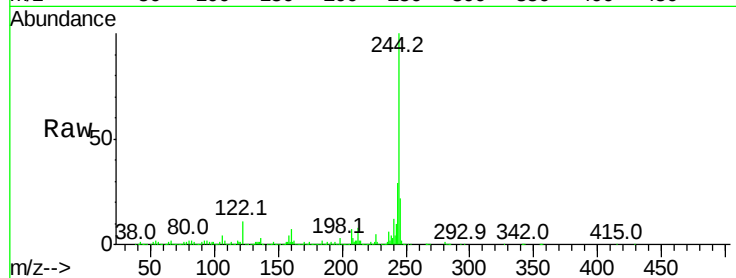
Tot Ion:244 Resp: 1594521

Ion Ratio Lower Upper

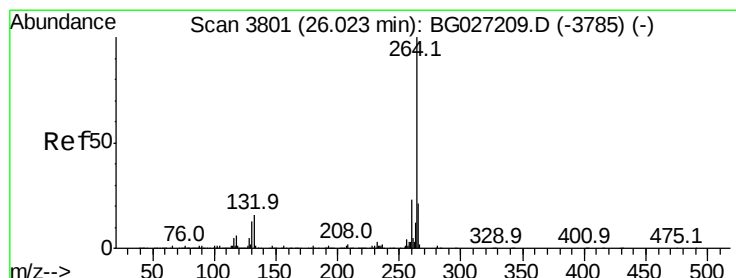
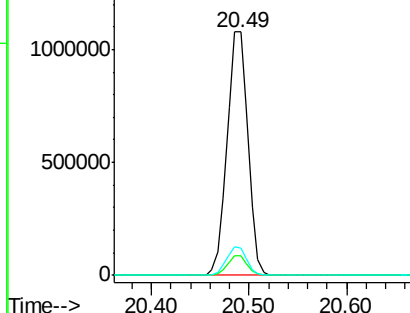
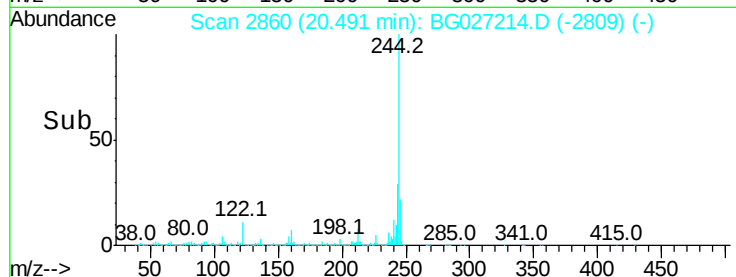
244 100

212 7.9 10.0 15.0#

122 11.0 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: 26.01 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BG027214.D

Acq: 5 Jun 2017 15:57

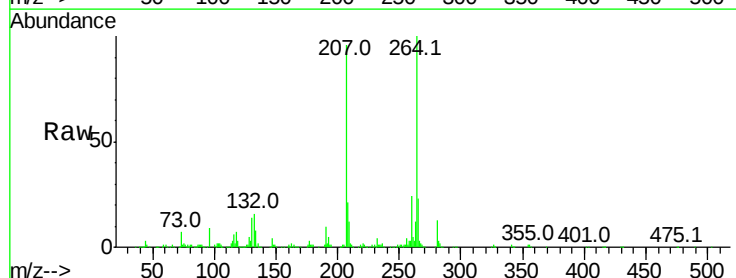
Tgt Ion:264 Resp: 396695

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.8 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

