

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027336.D
 Acq On : 9 Jun 2017 4:19
 Operator : SJ/MA
 Sample : PB99588BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:52:10 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	43031	20.00	ng	0.00
21) Naphthalene-d8	11.38	136	194494	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	127397	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	321156	20.00	ng	-0.03
75) Chrysene-d12	22.28	240	355809	20.00	ng	-0.03
86) Perylene-d12	25.96	264	328440	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	226412	80.29	ng	0.00
7) Phenol-d6	7.70	99	316144	76.38	ng	0.00
23) Nitrobenzene-d5	9.73	82	264981	85.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.62	330	122934	73.28	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	634928	69.72	ng	-0.02
78) Terphenyl-d14	20.47	244	1057519	75.82	ng	-0.03

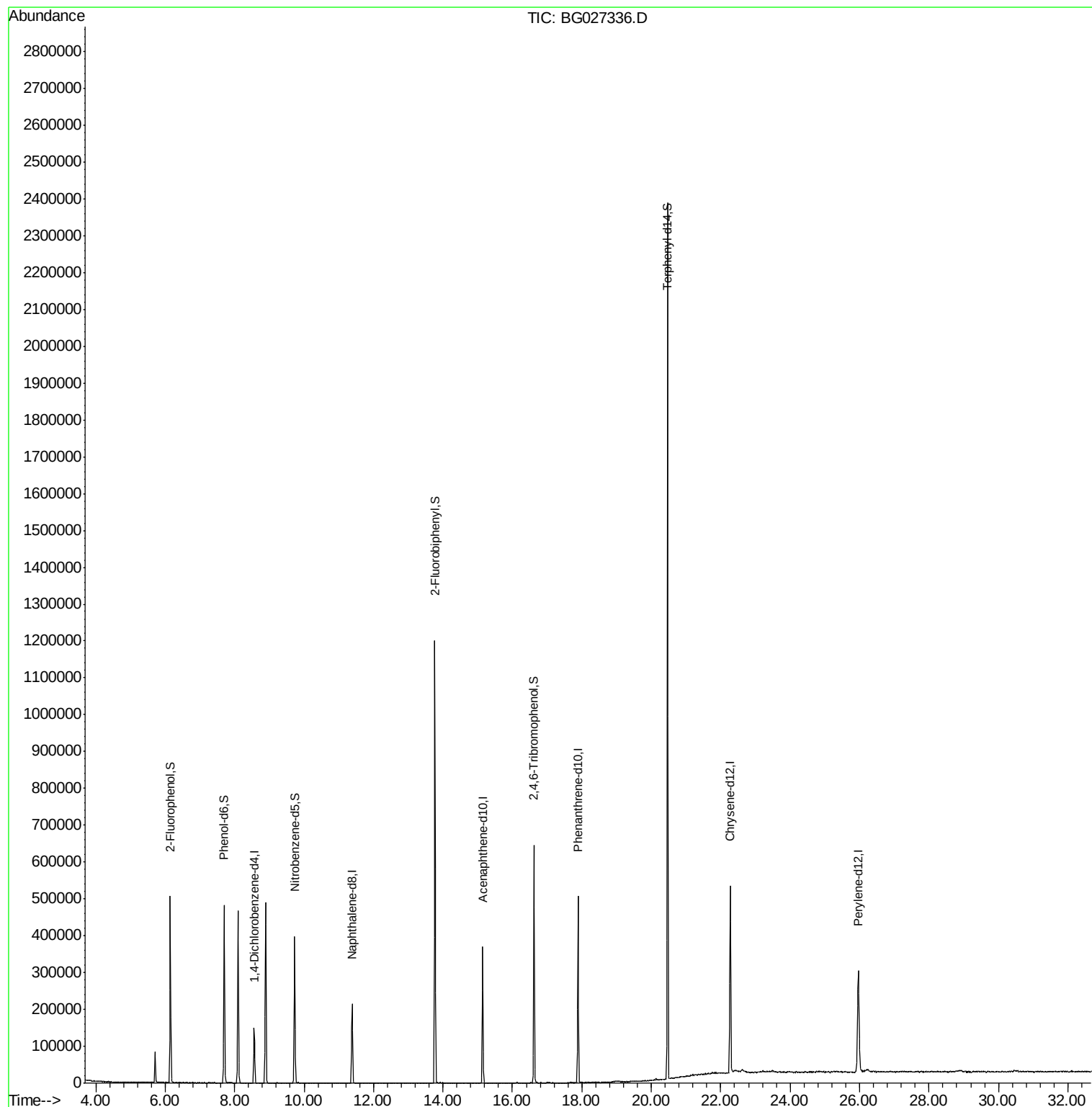
Target Compounds Qvalue

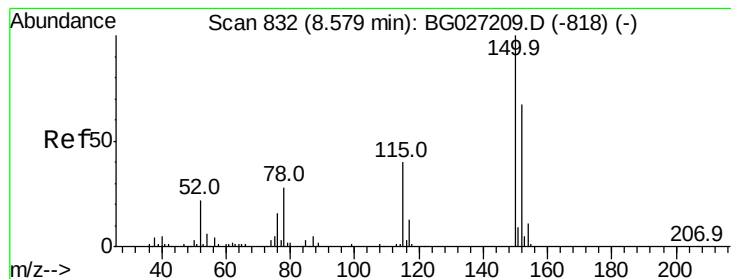
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027336.D

Acq: 9 Jun 2017 4:19

Instrument :

BNA_G

ClientSampled :

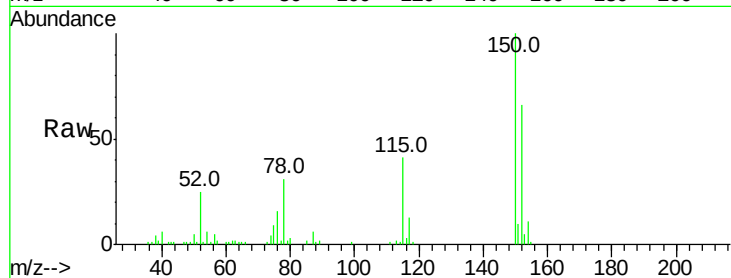
Tot Ion:152 Resp: 43031

Ion Ratio Lower Upper

152 100

150 151.5 114.0 171.0

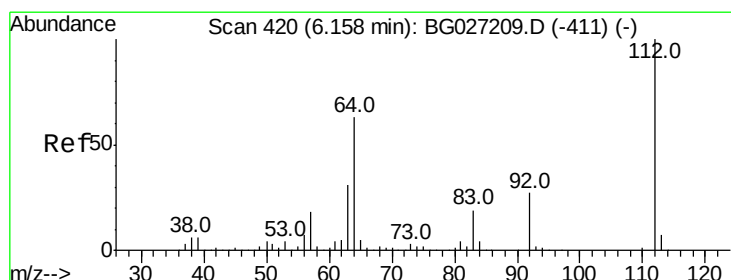
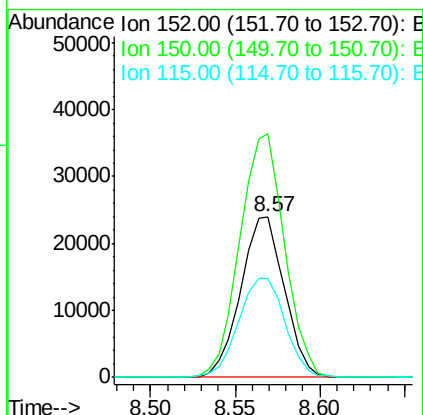
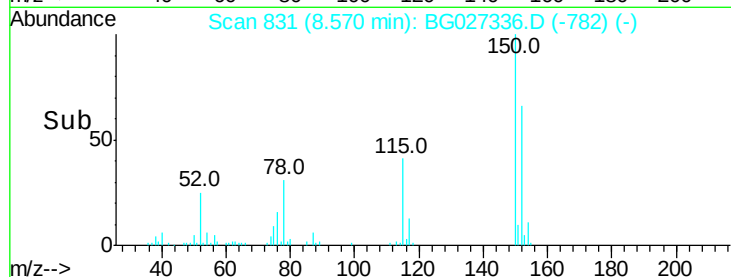
115 61.7 48.1 72.1



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: 80.29 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027336.D

Acq: 9 Jun 2017 4:19

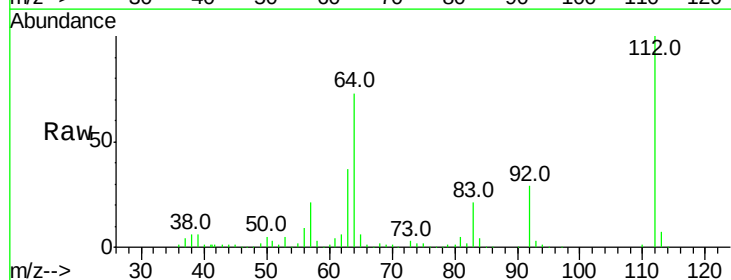
Tgt Ion:112 Resp: 226412

Ion Ratio Lower Upper

112 100

64 72.9 61.8 92.6

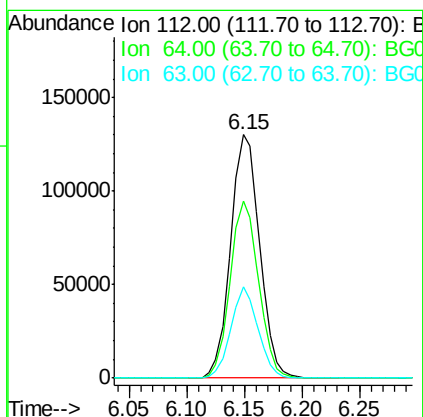
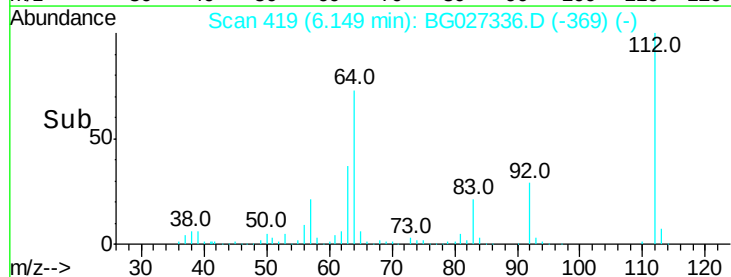
63 37.4 37.2 55.8

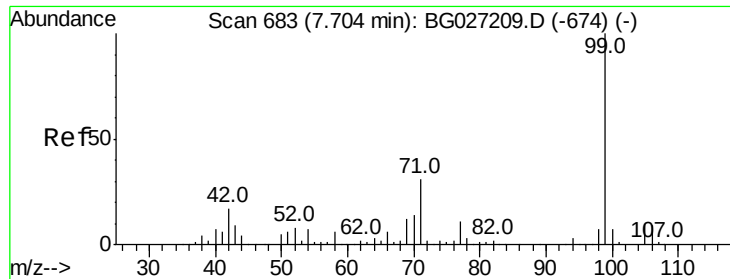


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 76.38 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027336.D

Acq: 9 Jun 2017 4:19

Instrument :

BNA_G

ClientSampleId :

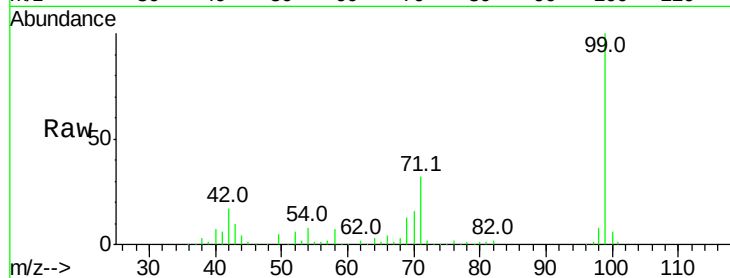
Tot Ion: 99 Resp: 316144

Ion Ratio Lower Upper

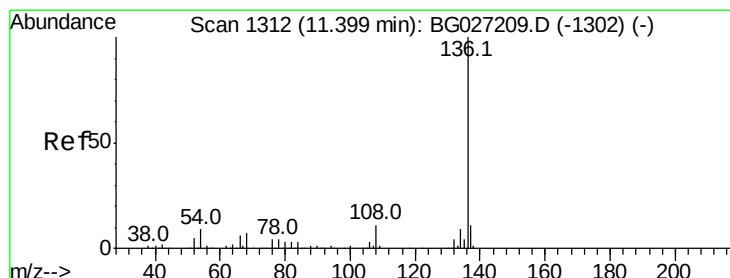
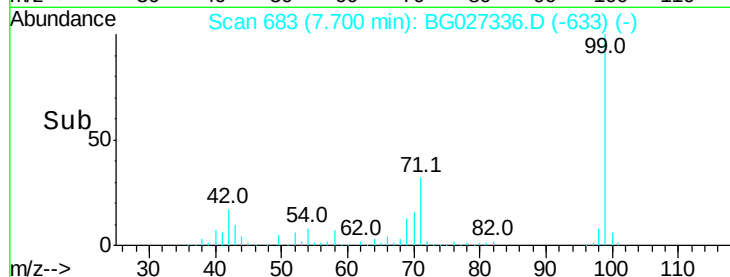
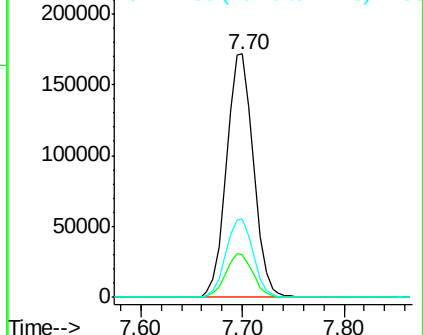
99 100

42 17.4 20.5 30.7#

71 32.0 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. -0.02 min

Lab File: BG027336.D

Acq: 9 Jun 2017 4:19

Tgt Ion: 136 Resp: 194494

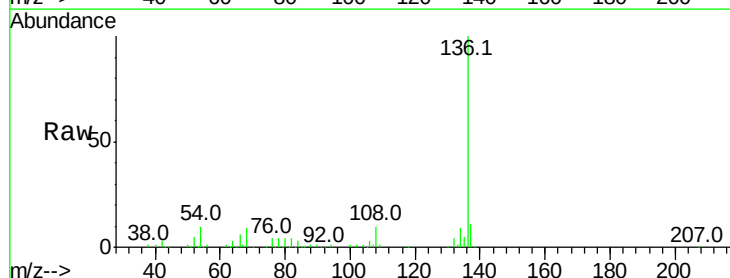
Ion Ratio Lower Upper

136 100

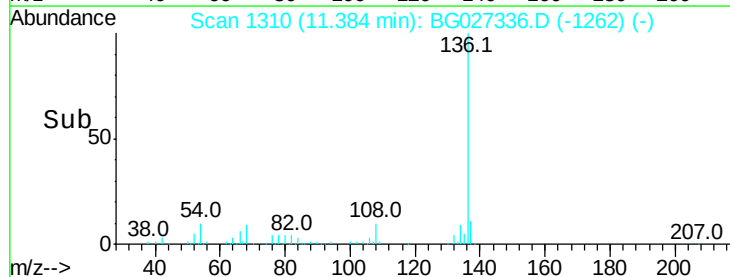
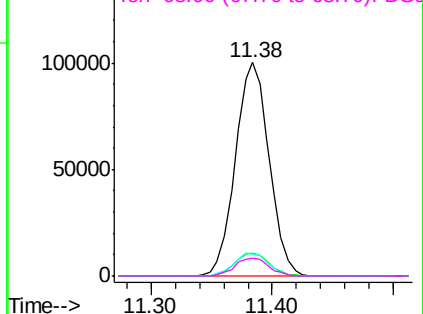
137 10.6 8.9 13.3

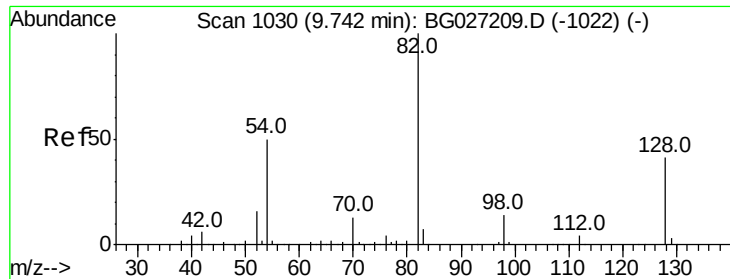
54 10.1 9.3 13.9

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

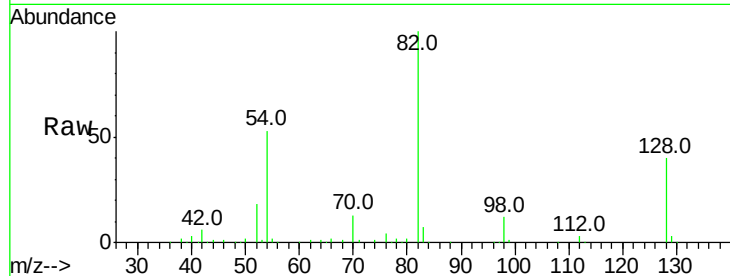




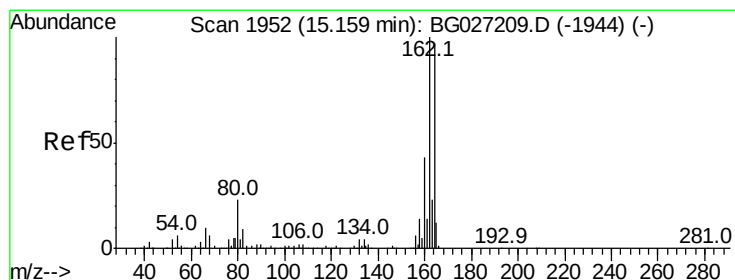
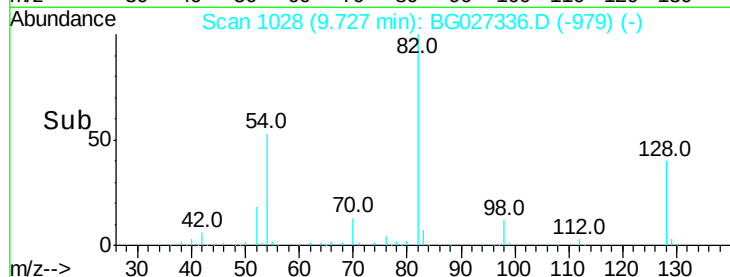
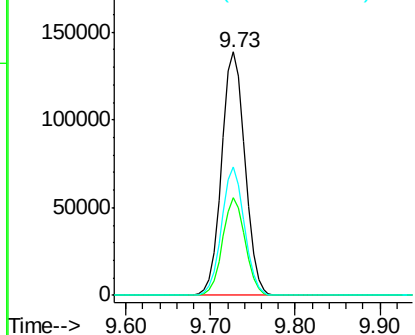
#23
 Nitrobenzene-d5
 Concen: 85.68 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027336.D
 Acq: 9 Jun 2017 4:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	264981
Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6
54	52.9	49.4	74.2

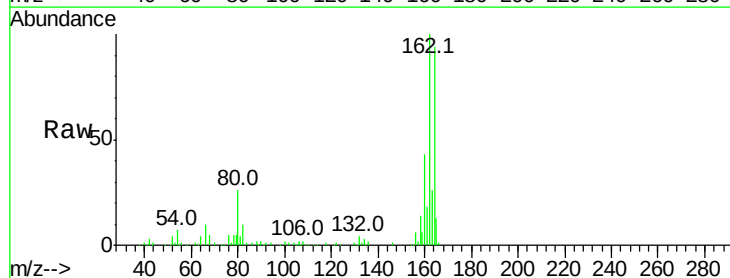


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

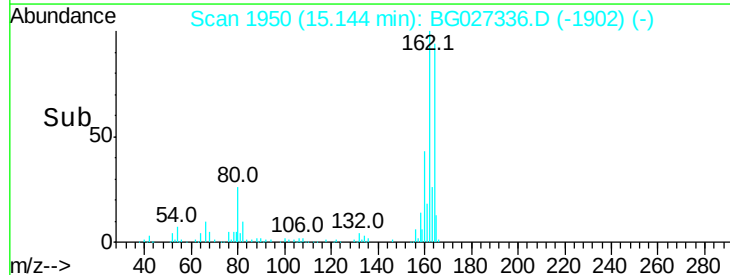
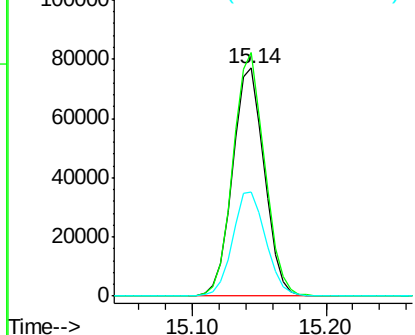


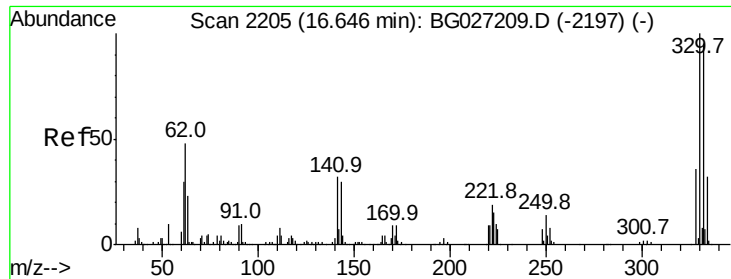
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1950
 Delta R.T. -0.02 min
 Lab File: BG027336.D
 Acq: 9 Jun 2017 4:19

Tgt Ion	164	Resp	127397
Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	45.7	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

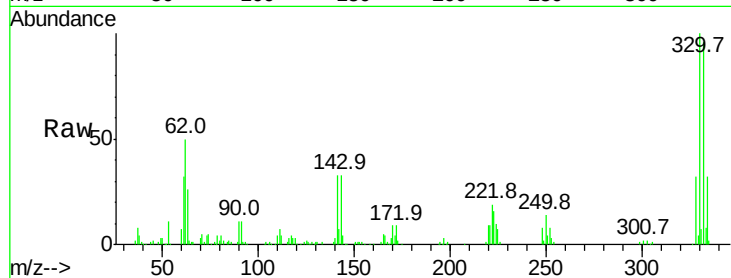




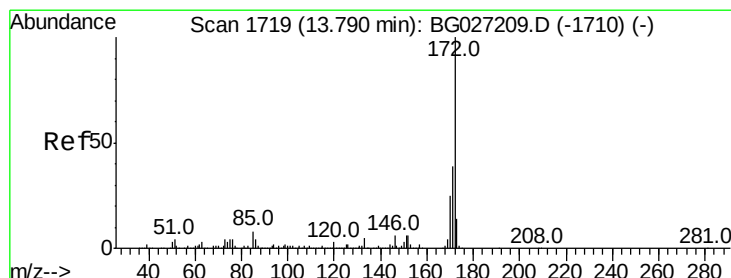
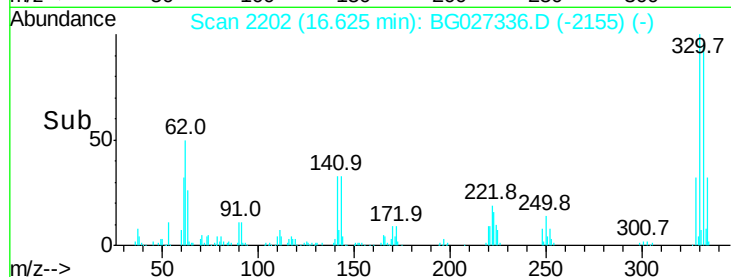
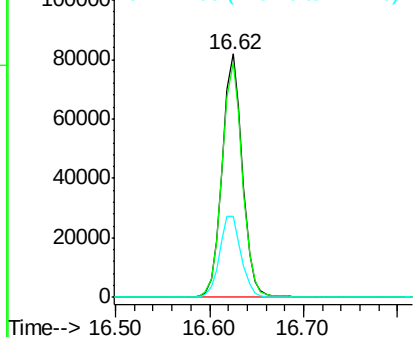
#41
 2,4,6-Tribromophenol
 Concen: 73.28 ng
 RT: 16.62 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027336.D
 Acq: 9 Jun 2017 4:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 122934
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 35.5 32.1 48.1

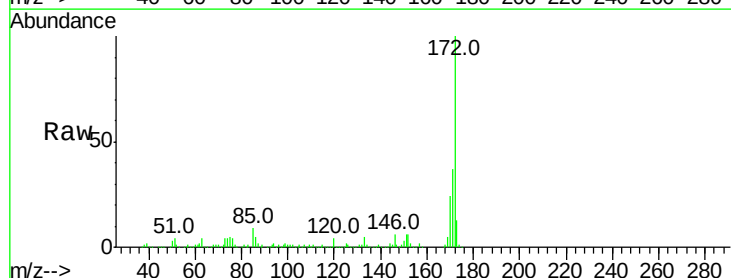


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

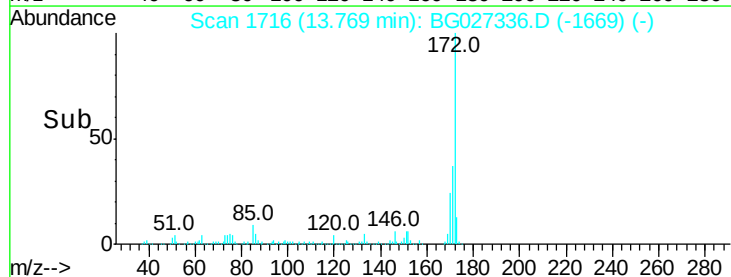
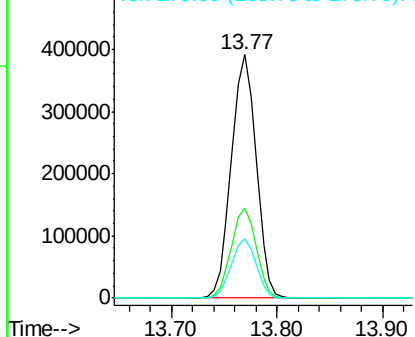


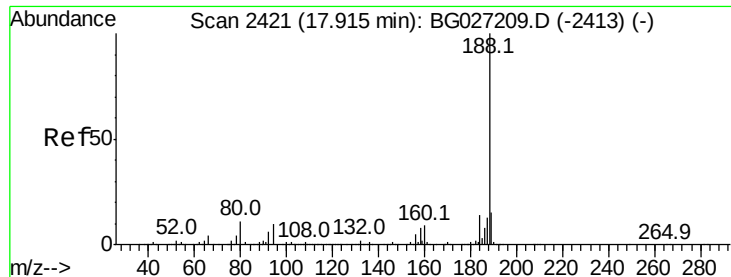
#44
 2-Fluorobiphenyl
 Concen: 69.72 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027336.D
 Acq: 9 Jun 2017 4:19

Tgt Ion:172 Resp: 634928
 Ion Ratio Lower Upper
 172 100
 171 36.8 32.2 48.2
 170 24.5 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# 2417

Delta R.T. -0.03 min

Lab File: BG027336.D

Acq: 9 Jun 2017 4:19

Instrument :

BNA_G

ClientSampled :

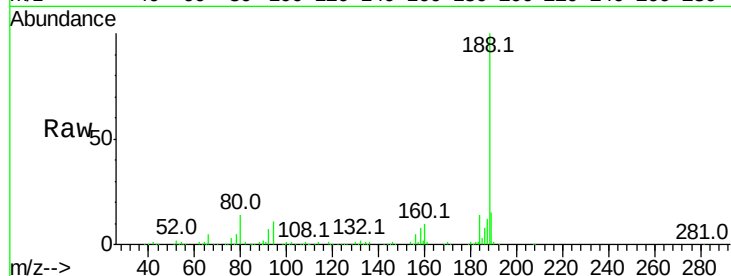
Tot Ion:188 Resp: 321156

Ion Ratio Lower Upper

188 100

94 11.1 5.8 8.8#

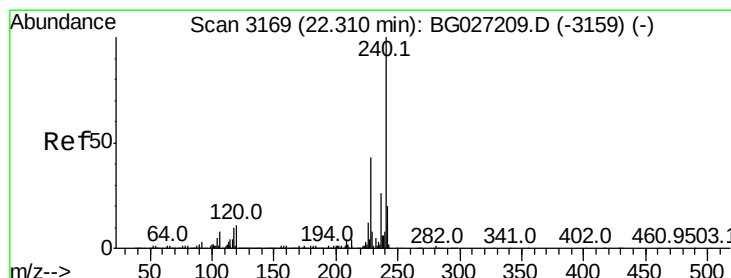
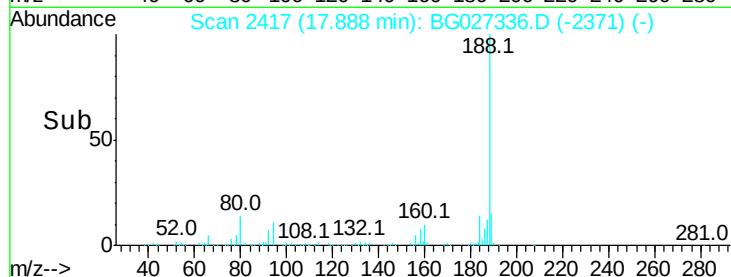
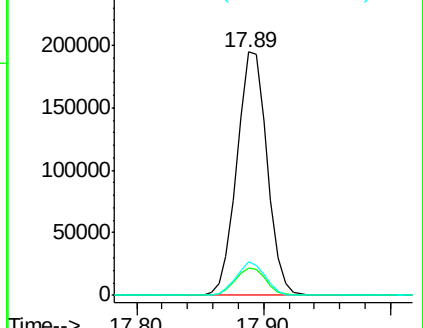
80 14.0 7.5 11.3#



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: 22.28 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG027336.D

Acq: 9 Jun 2017 4:19

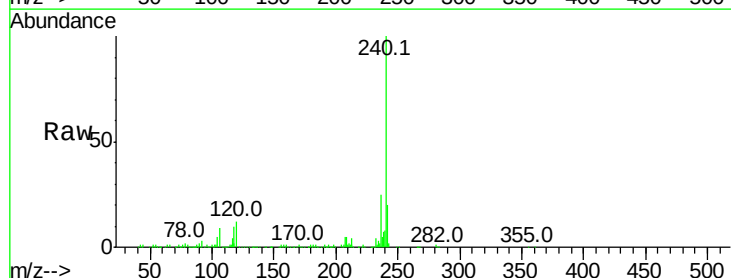
Tgt Ion:240 Resp: 355809

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

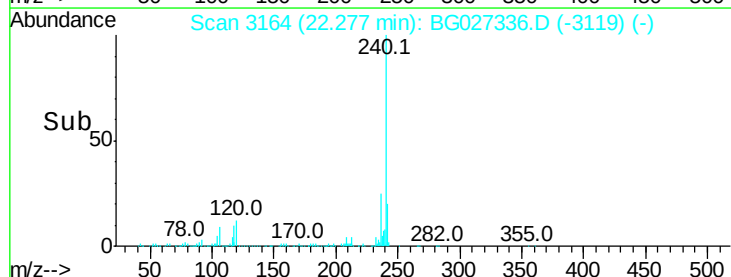
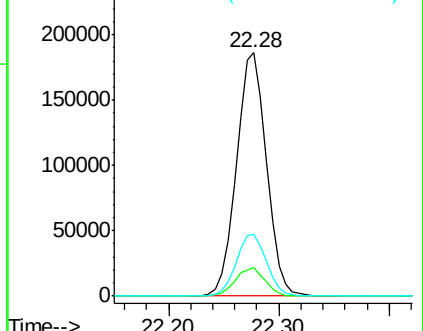
236 25.5 22.2 33.4

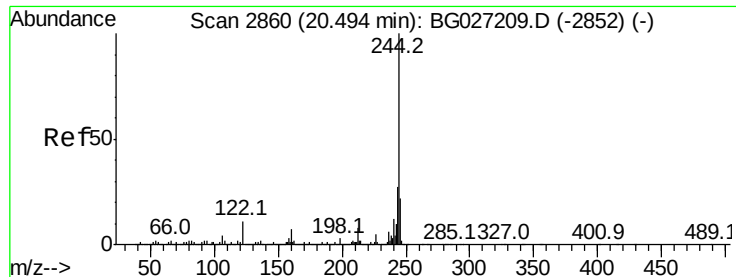


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.82 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027336.D

Acq: 9 Jun 2017 4:19

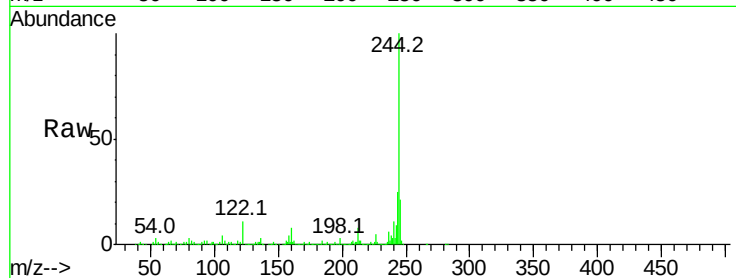
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1057519

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	11.3	8.6	12.8

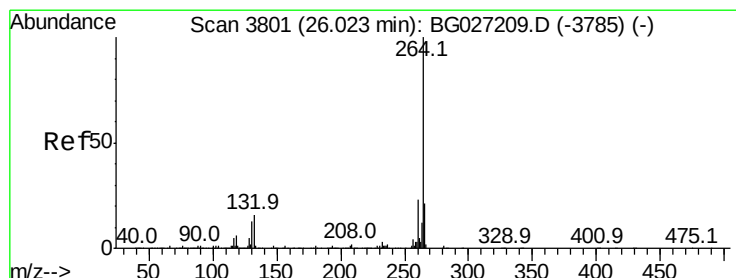
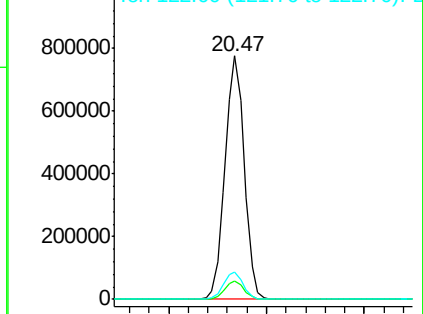
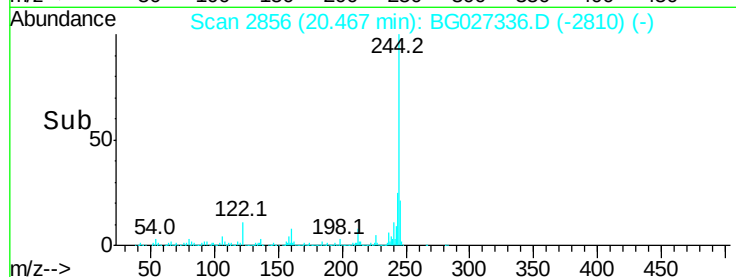


Abundance

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: 25.96 min Scan# 3791

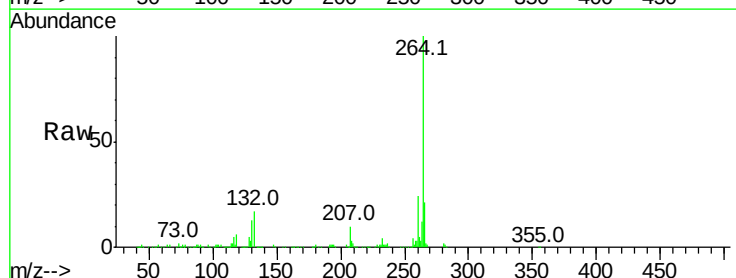
Delta R.T. -0.06 min

Lab File: BG027336.D

Acq: 9 Jun 2017 4:19

Tgt Ion:264 Resp: 328440

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.5	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

