

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
 Data File : BG026689.D
 Acq On : 21 Apr 2017 16:52
 Operator : SJ/MA
 Sample : PB98386BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98386BL

Quant Time: Apr 22 04:17:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	172353	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	728082	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	439485	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1172555	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1304968	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1269305	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1406846	148.39	ng	0.00
7) Phenol-d6	7.22	99	1833791	147.61	ng	0.01
23) Nitrobenzene-d5	9.19	82	957409	91.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	877069	143.22	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2611732	88.51	ng	-0.02
78) Terphenyl-d14	19.97	244	3842211	86.92	ng	-0.01

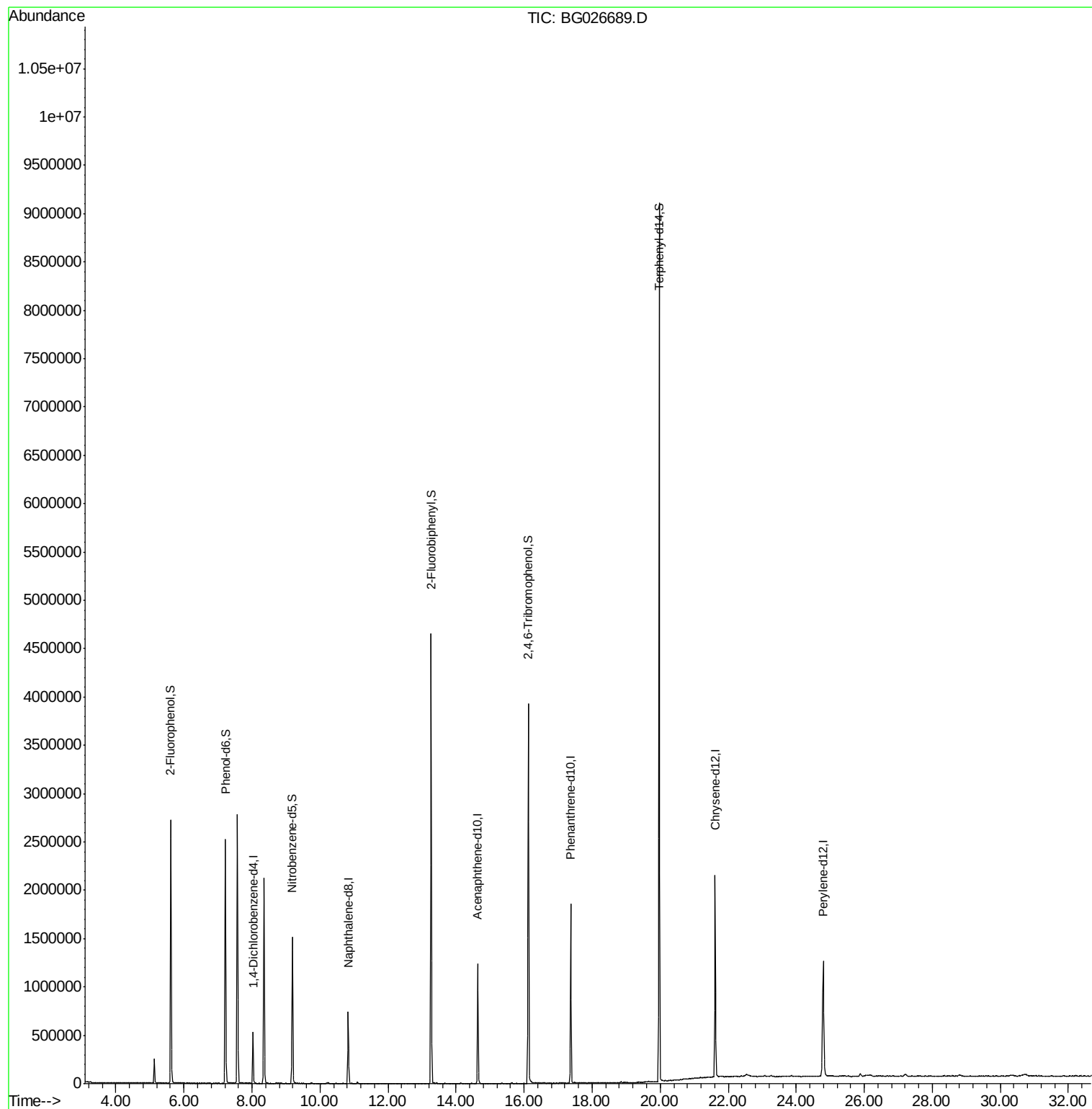
Target Compounds Qvalue

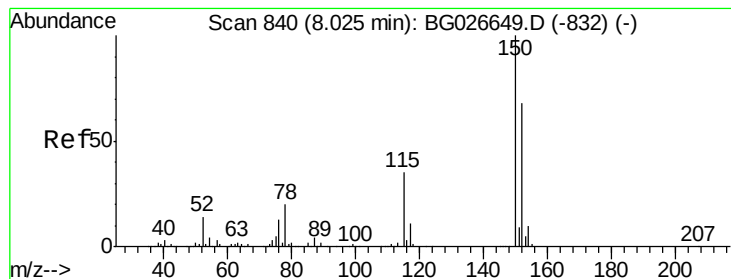
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026689.D

Acq: 21 Apr 2017 16:52

Instrument :

BNA_G

ClientSampleId :

PB98386BL

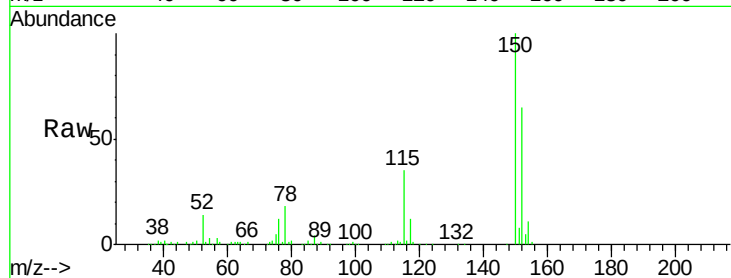
Tot Ion:152 Resp: 172353

Ion Ratio Lower Upper

152 100

150 154.6 114.0 171.0

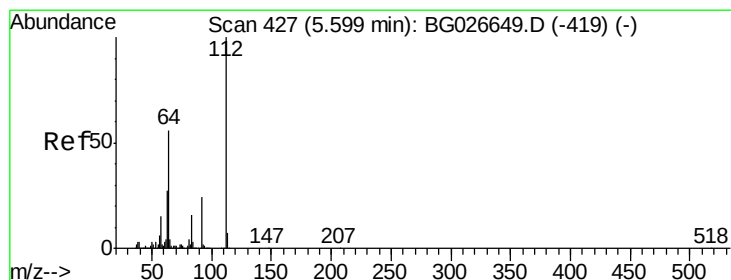
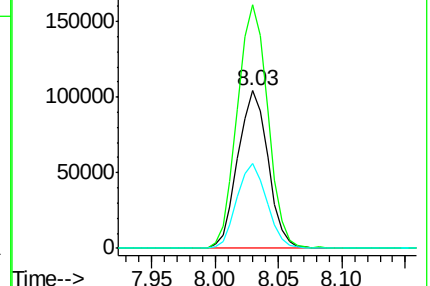
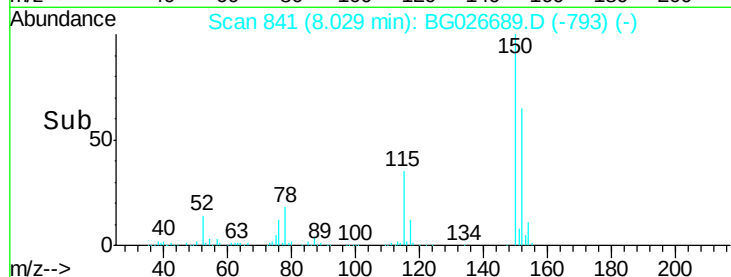
115 53.7 48.1 72.1



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: 148.39 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026689.D

Acq: 21 Apr 2017 16:52

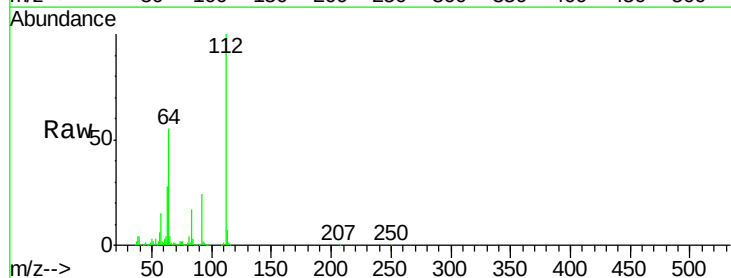
Tgt Ion:112 Resp: 1406846

Ion Ratio Lower Upper

112 100

64 55.2 61.8 92.6#

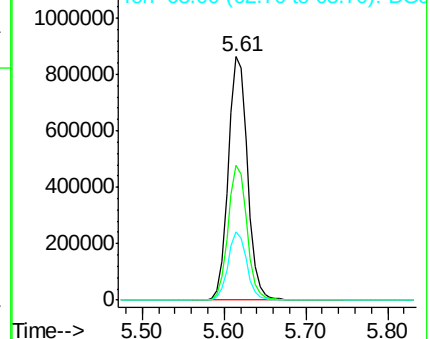
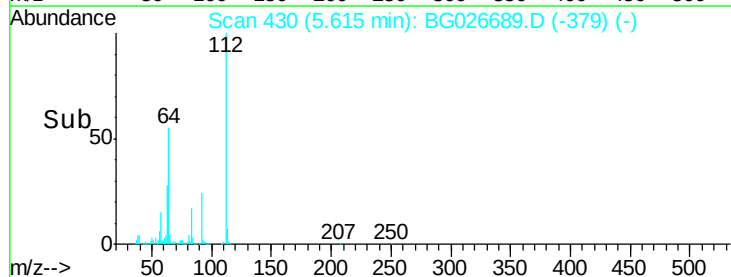
63 27.8 37.2 55.8#

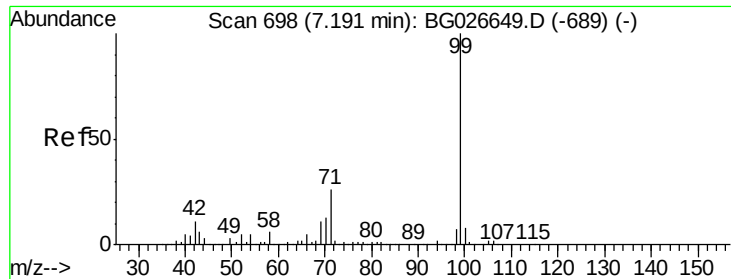


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 147.61 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026689.D

Acq: 21 Apr 2017 16:52

Instrument :

BNA_G

ClientSampleId :

PB98386BL

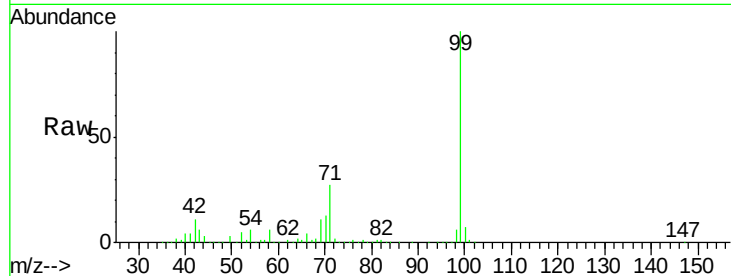
Tot Ion: 99 Resp: 1833791

Ion Ratio Lower Upper

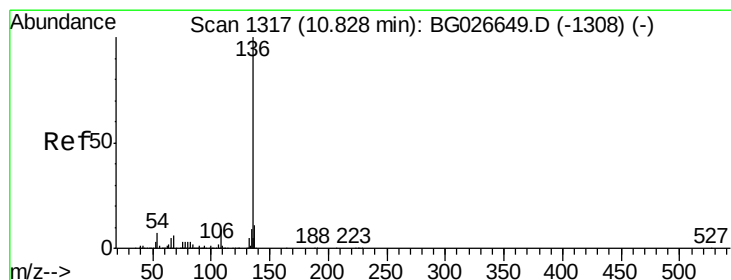
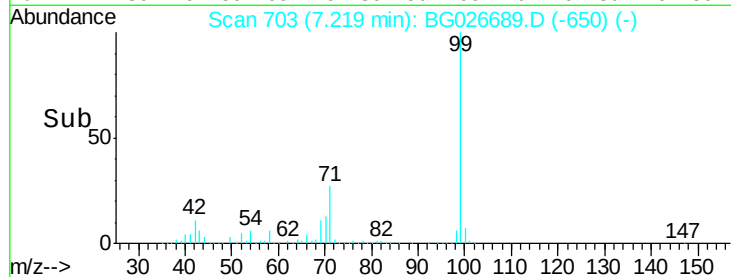
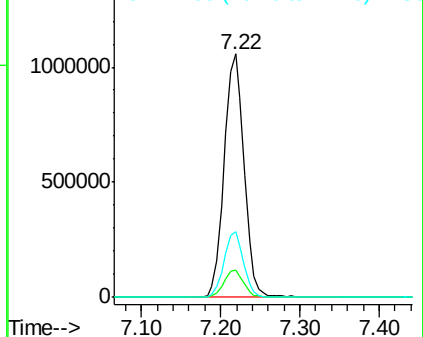
99 100

42 11.0 20.5 30.7#

71 26.8 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: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026689.D

Acq: 21 Apr 2017 16:52

Tgt Ion: 136 Resp: 728082

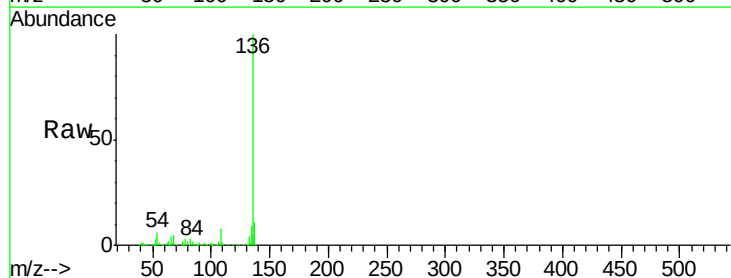
Ion Ratio Lower Upper

136 100

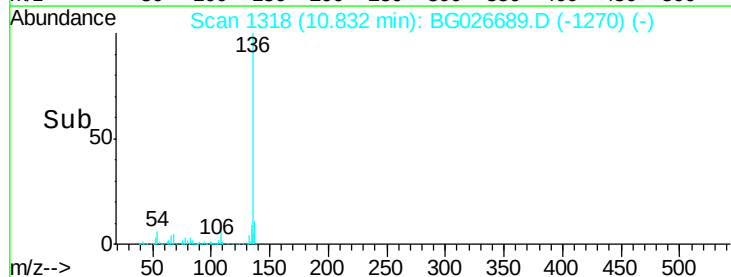
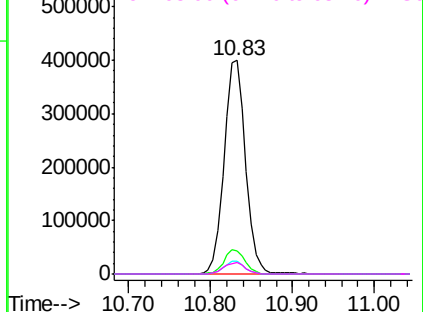
137 10.6 8.9 13.3

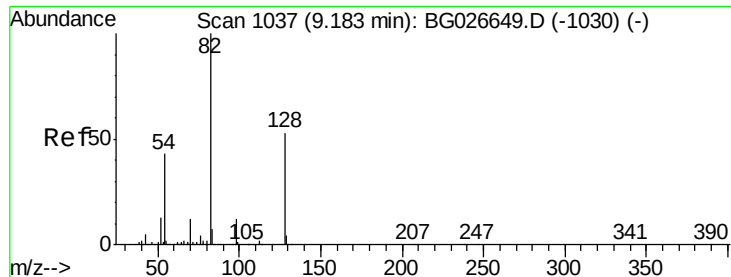
54 5.9 9.3 13.9#

68 5.2 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

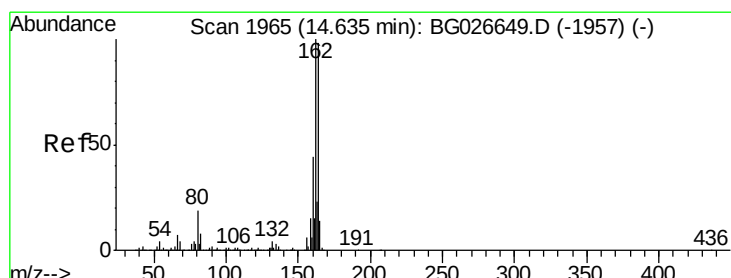
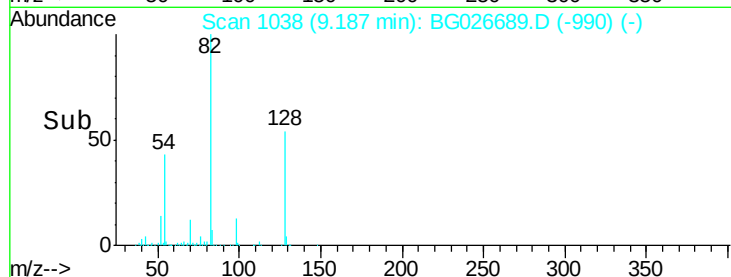
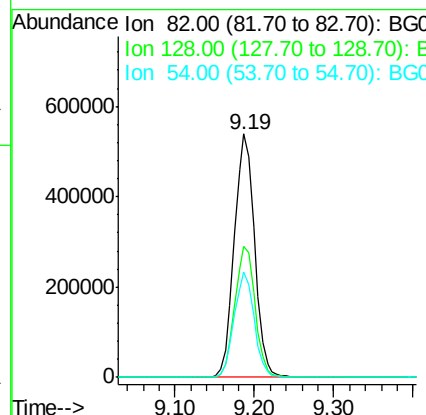
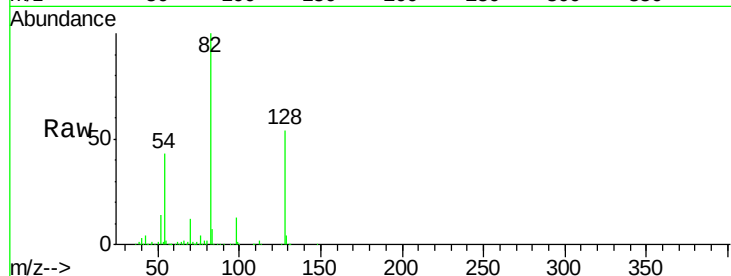




#23
 Nitrobenzene-d5
 Concen: 91.75 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026689.D
 Acq: 21 Apr 2017 16:52

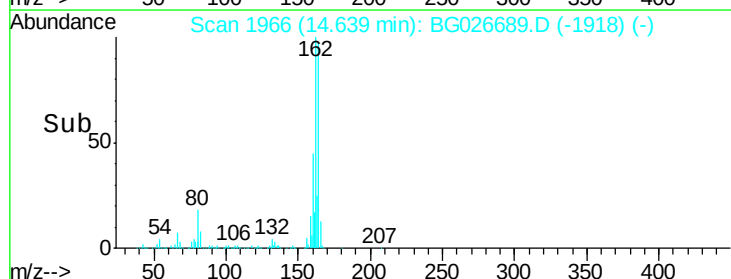
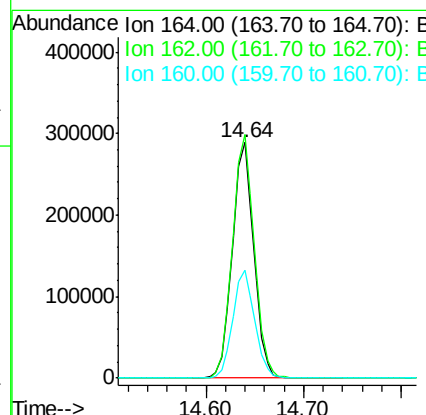
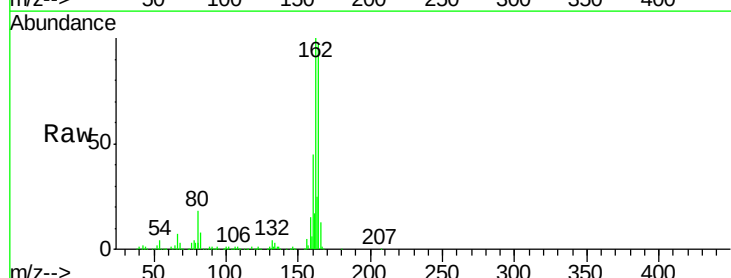
Instrument :
 BNA_G
 ClientSampleId :
 PB98386BL

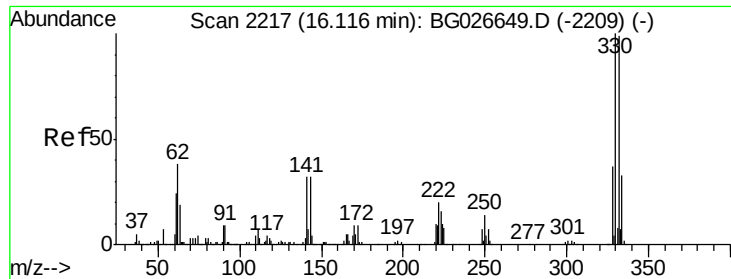
Tot Ion: 82 Resp: 957409
 Ion Ratio Lower Upper
 82 100
 128 53.7 26.4 39.6#
 54 43.3 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026689.D
 Acq: 21 Apr 2017 16:52

Tgt Ion: 164 Resp: 439485
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.1 127.7
 160 46.1 34.7 52.1

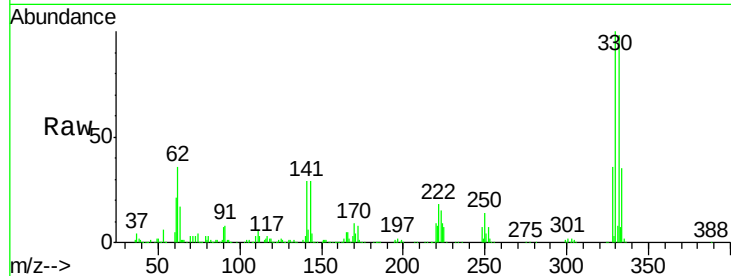




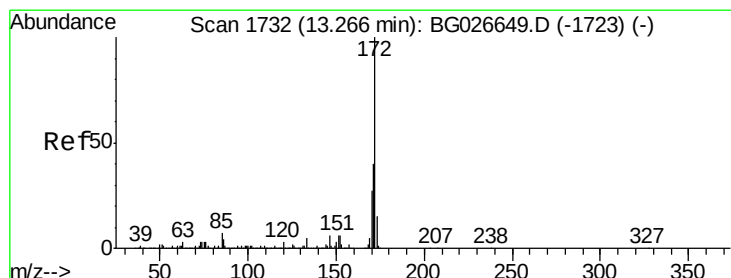
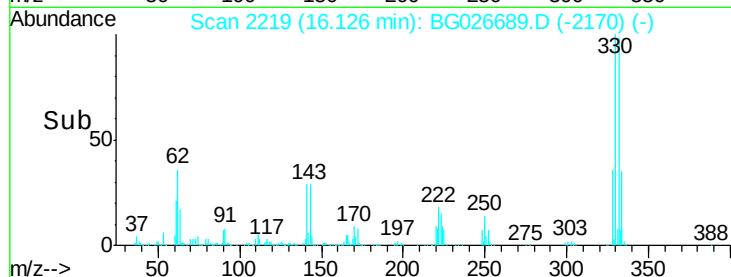
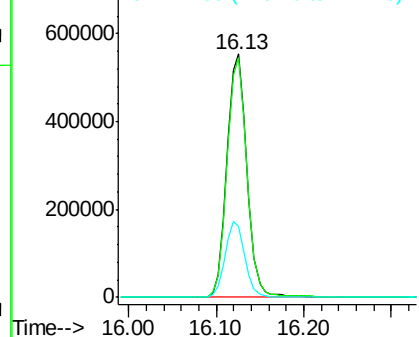
#41
 2,4,6-Tribromophenol
 Concen: 143.22 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026689.D
 Acq: 21 Apr 2017 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB98386BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	31.0	32.1	48.1#

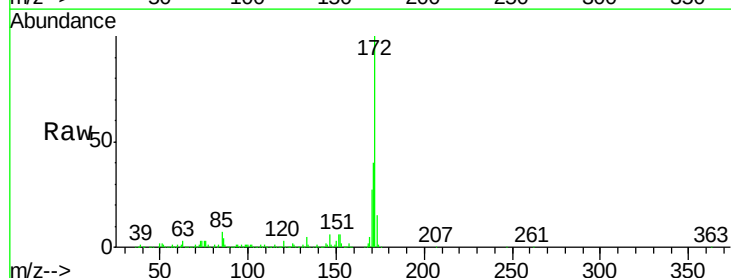


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

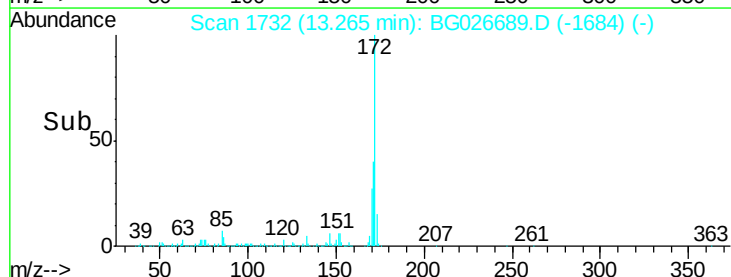
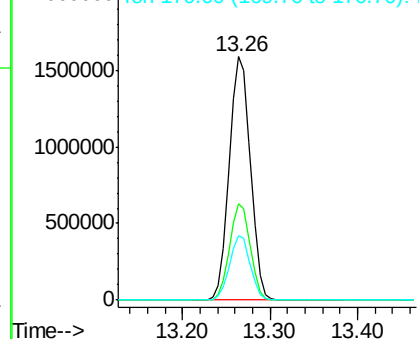


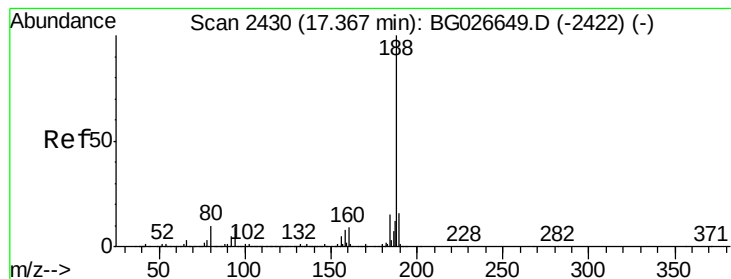
#44
 2-Fluorobiphenyl
 Concen: 88.51 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026689.D
 Acq: 21 Apr 2017 16:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.2	48.2
170	26.6	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: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026689.D

Acq: 21 Apr 2017 16:52

Instrument :

BNA_G

ClientSampleId :

PB98386BL

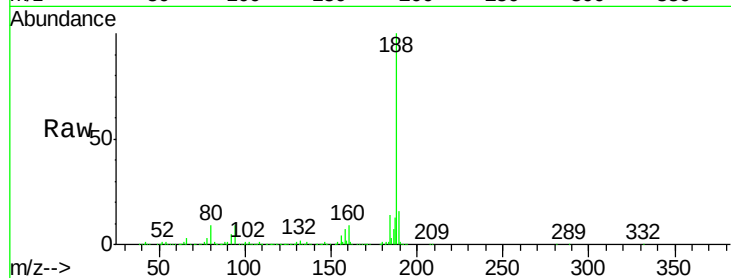
Tot Ion:188 Resp: 1172555

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

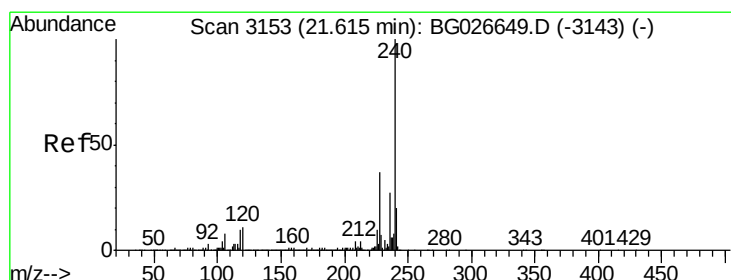
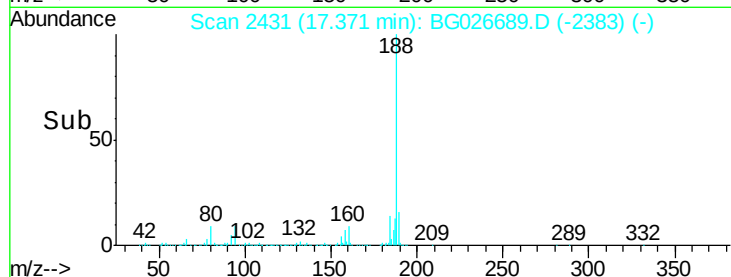
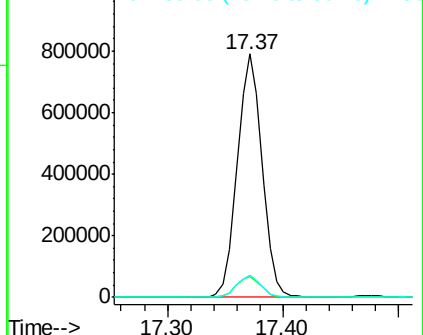
80 8.9 7.5 11.3



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: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026689.D

Acq: 21 Apr 2017 16:52

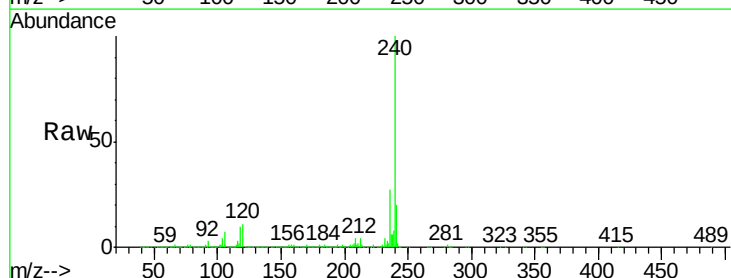
Tgt Ion:240 Resp: 1304968

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

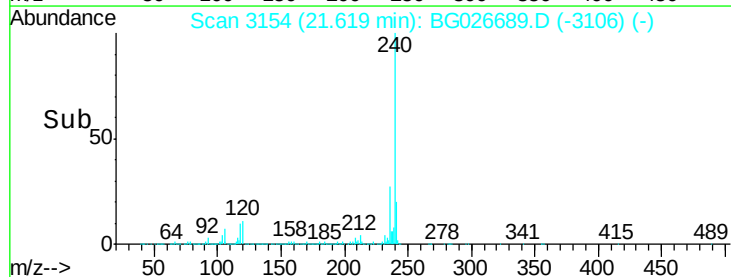
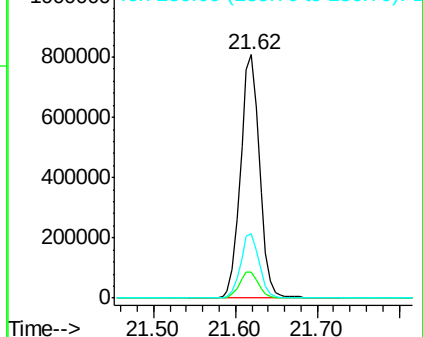
236 26.6 22.2 33.4

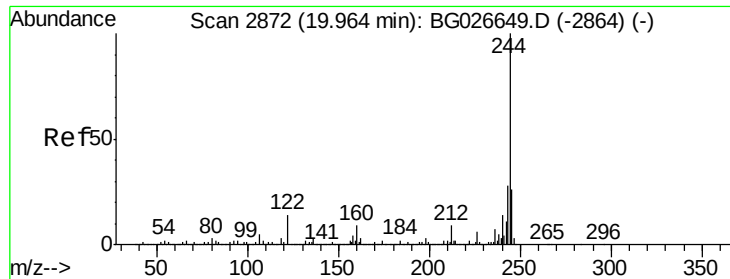


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.92 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026689.D

Acq: 21 Apr 2017 16:52

Instrument :

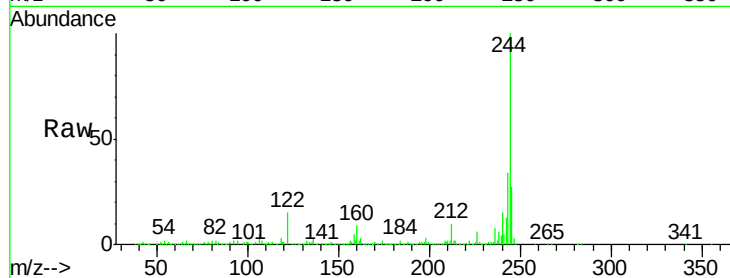
BNA_G

ClientSampleId :

PB98386BL

Tot Ion:244 Resp: 3842211

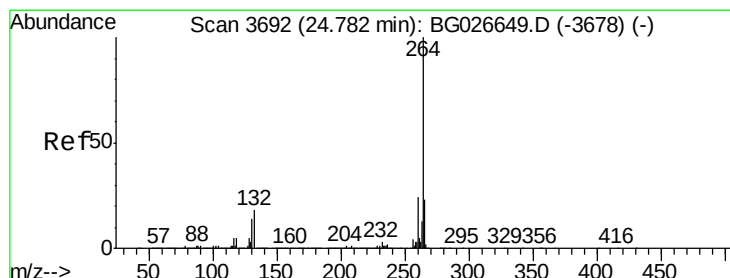
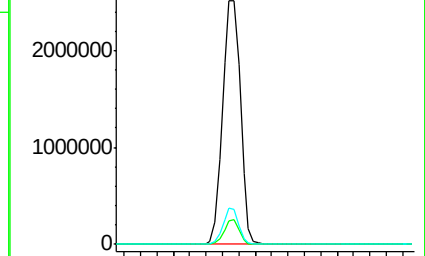
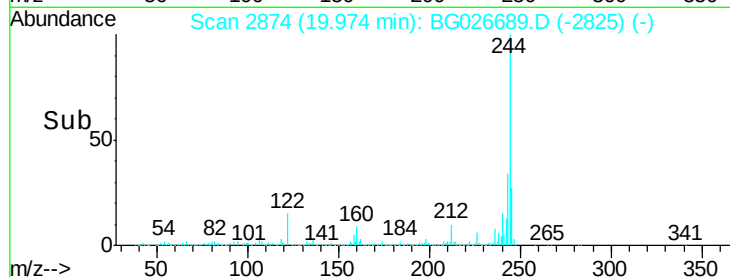
Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.0	15.0#
122	14.6	8.6	12.8#



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: 24.79 min Scan# 3694

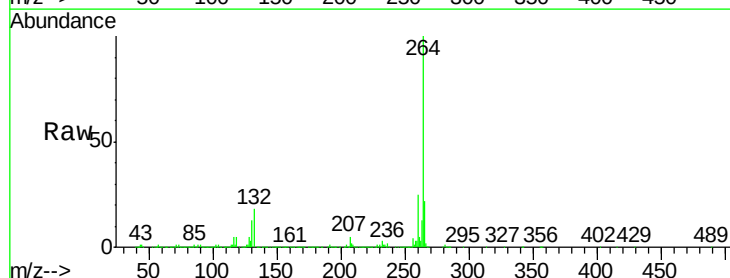
Delta R.T. -0.03 min

Lab File: BG026689.D

Acq: 21 Apr 2017 16:52

Tgt Ion:264 Resp: 1269305

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	21.6	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

