

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026660.D
 Acq On : 19 Apr 2017 17:33
 Operator : SJ/MA
 Sample : PB98331BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98331BL

Quant Time: Apr 20 01:39:28 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	8.02	152	153375	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	644664	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	367647	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	951302	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1248156	20.00	ng	-0.02
86) Perylene-d12	24.78	264	1201100	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1233032	146.15	ng	-0.02
7) Phenol-d6	7.19	99	1558941	141.01	ng	-0.02
23) Nitrobenzene-d5	9.18	82	818494	88.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	674705	131.71	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	2220847	89.97	ng	-0.02
78) Terphenyl-d14	19.97	244	3577974	84.63	ng	-0.02

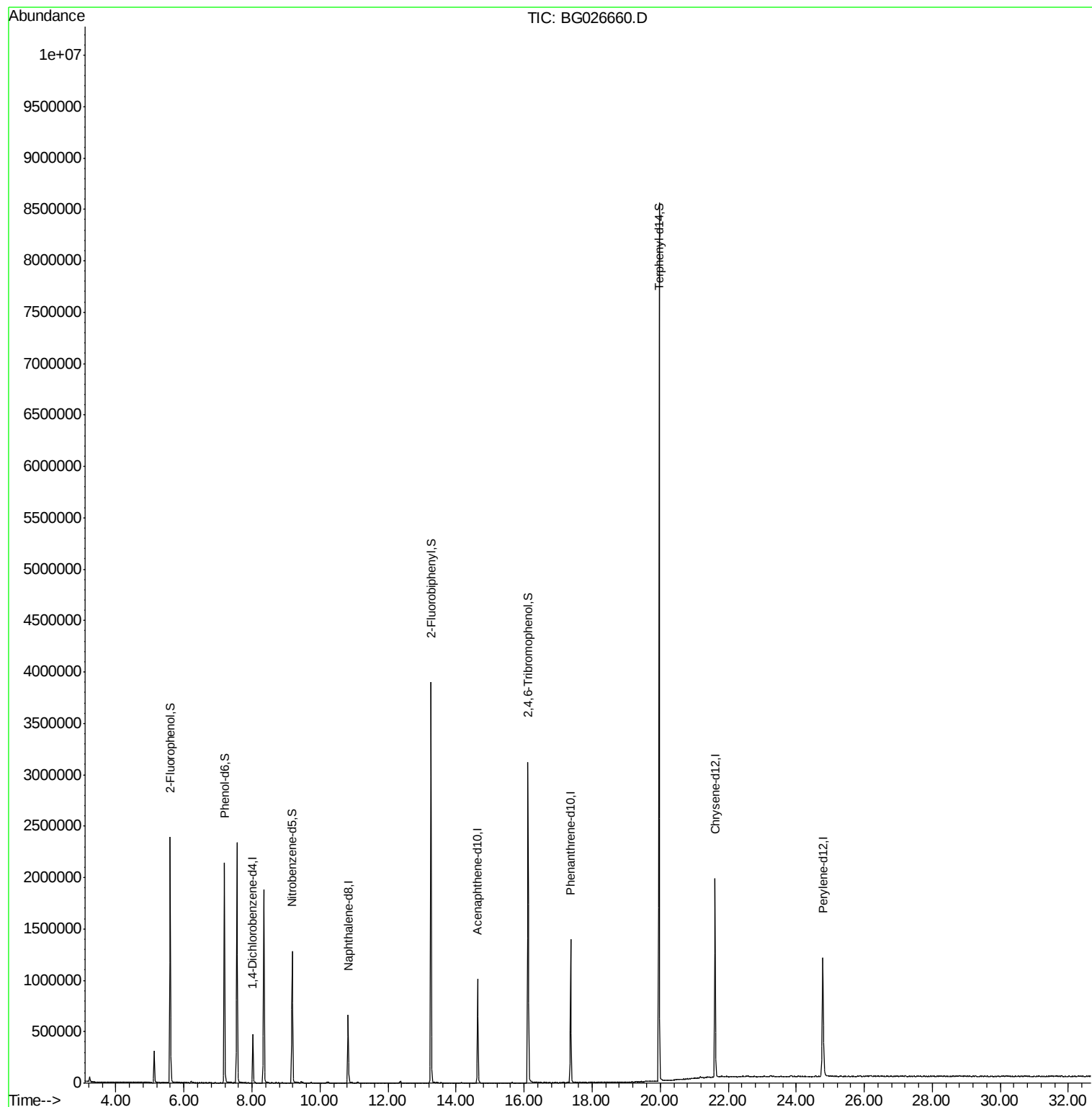
Target Compounds Qvalue

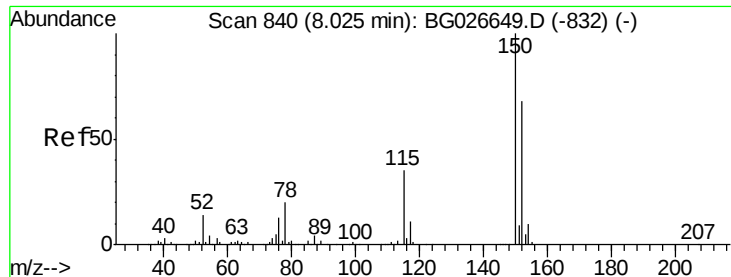
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.02 min

Lab File: BG026660.D

Acq: 19 Apr 2017 17:33

Instrument :

BNA_G

ClientSampleId :

PB98331BL

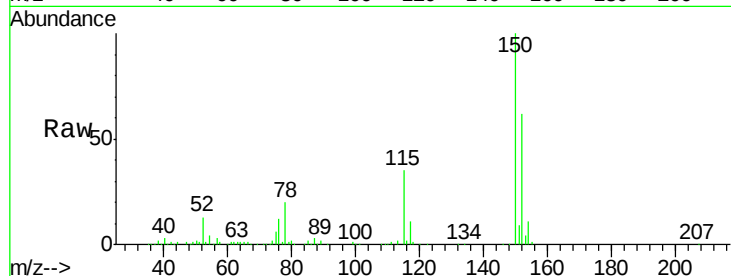
Tot Ion:152 Resp: 153375

Ion Ratio Lower Upper

152 100

150 161.2 114.0 171.0

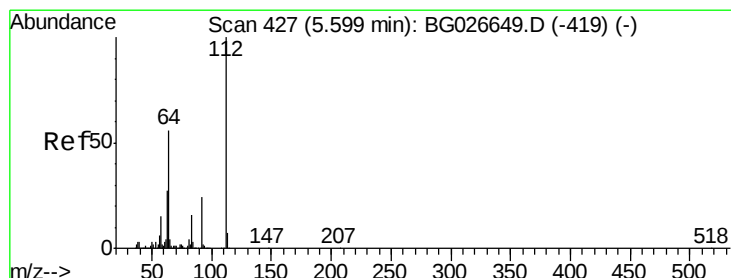
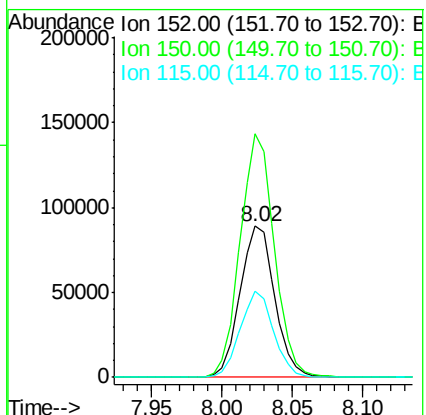
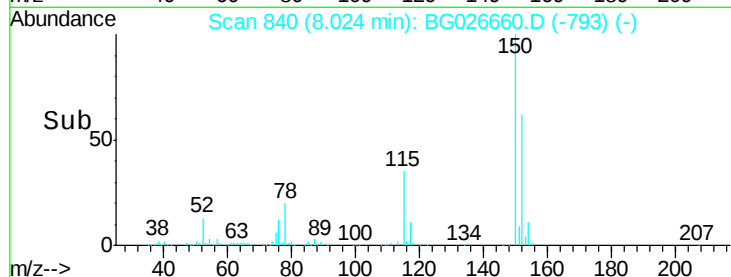
115 57.1 48.1 72.1



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: 146.15 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG026660.D

Acq: 19 Apr 2017 17:33

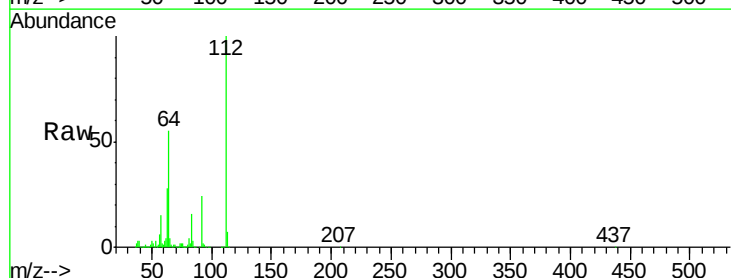
Tgt Ion:112 Resp: 1233032

Ion Ratio Lower Upper

112 100

64 54.7 61.8 92.6#

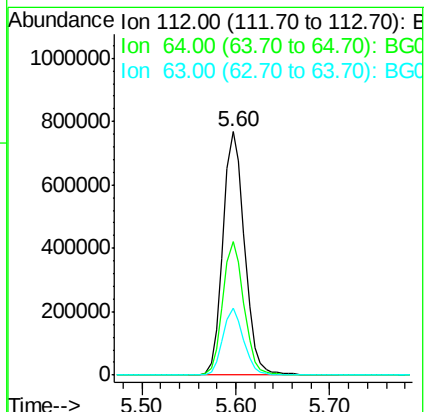
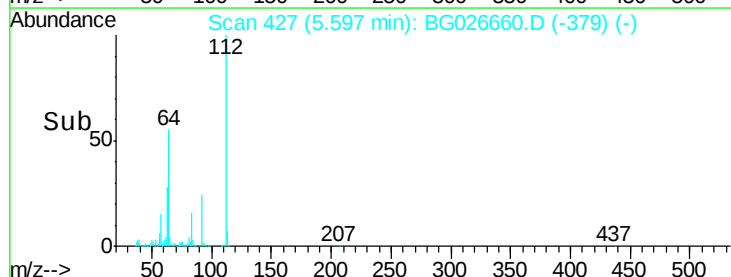
63 27.7 37.2 55.8#

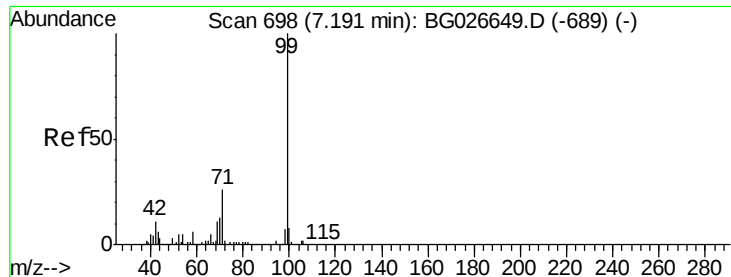


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 141.01 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG026660.D

Acq: 19 Apr 2017 17:33

Instrument :

BNA_G

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PB98331BL

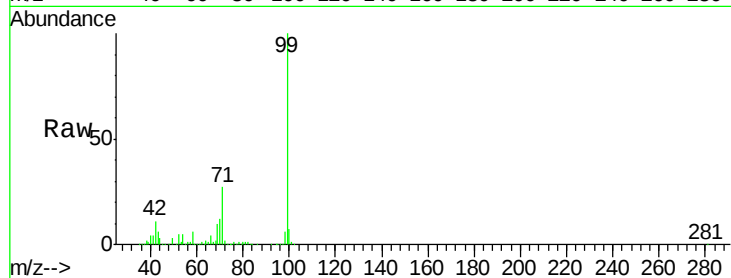
Tot Ion: 99 Resp: 1558941

Ion Ratio Lower Upper

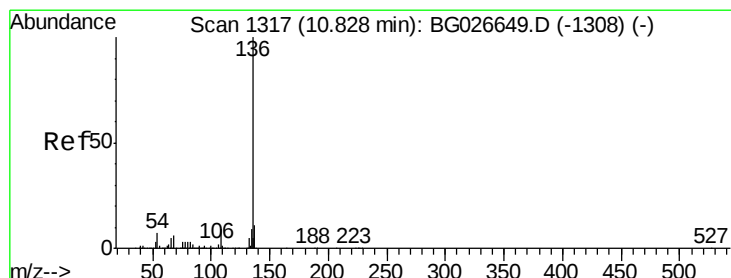
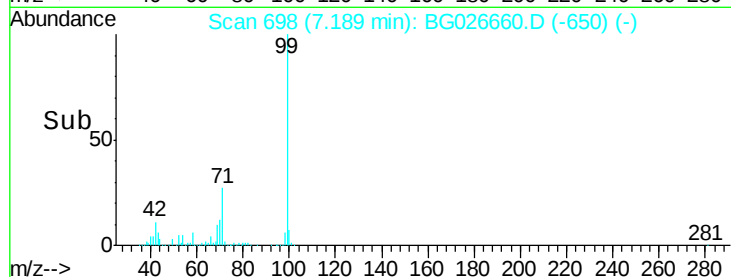
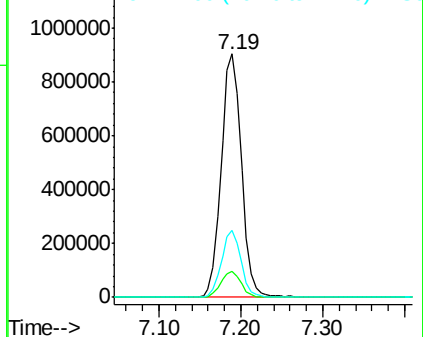
99 100

42 10.9 20.5 30.7#

71 27.3 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# 1317

Delta R.T. -0.02 min

Lab File: BG026660.D

Acq: 19 Apr 2017 17:33

Tgt Ion: 136 Resp: 644664

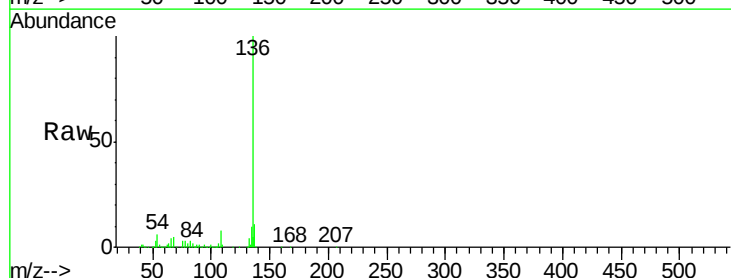
Ion Ratio Lower Upper

136 100

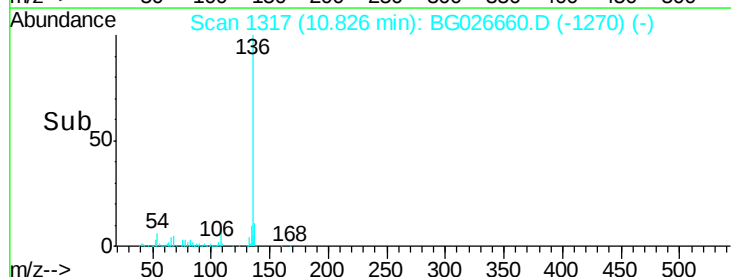
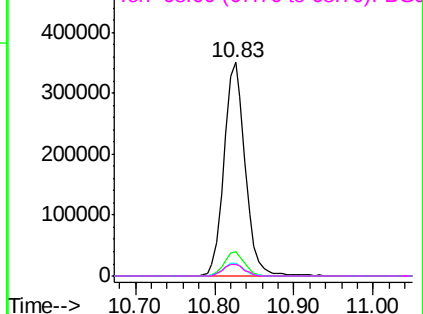
137 11.2 8.9 13.3

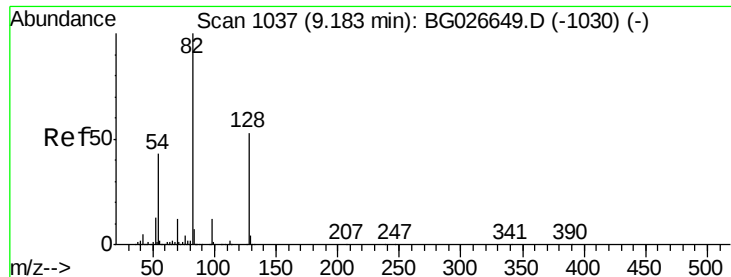
54 6.3 9.3 13.9#

68 5.4 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

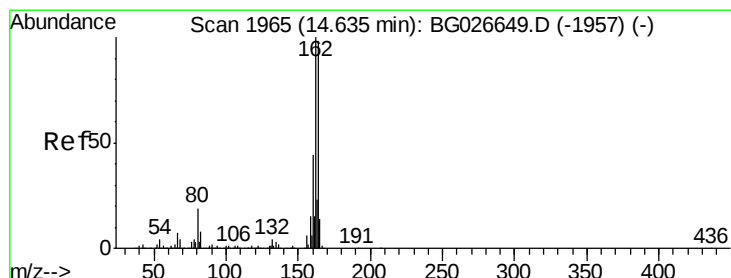
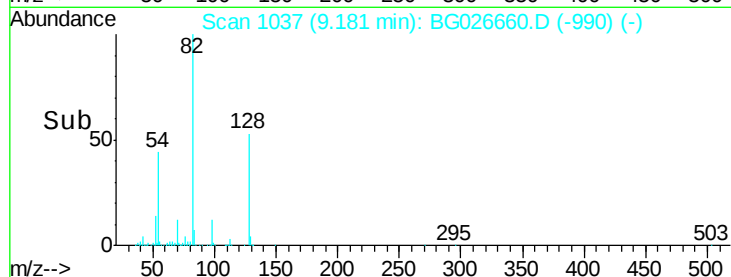
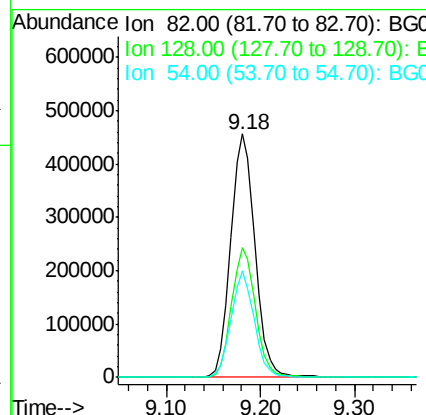
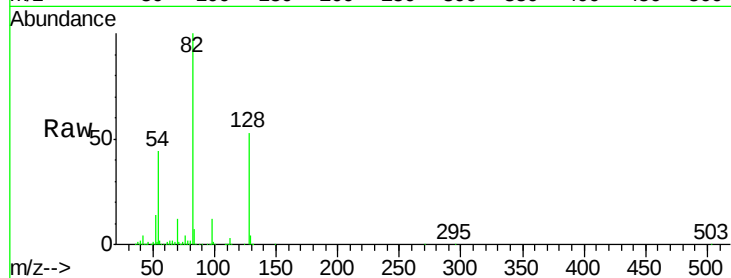




#23
 Nitrobenzene-d5
 Concen: 88.59 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BG026660.D
 Acq: 19 Apr 2017 17:33

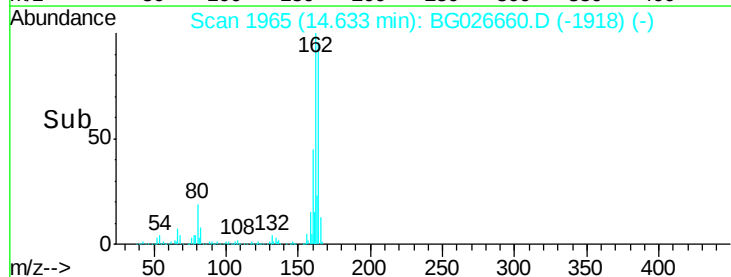
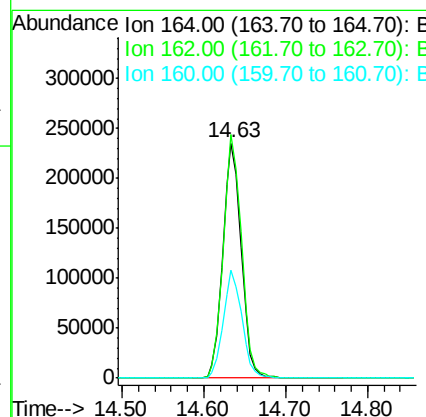
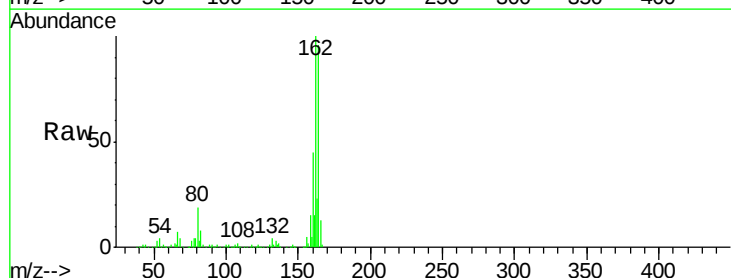
Instrument :
 BNA_G
 ClientSampleId :
 PB98331BL

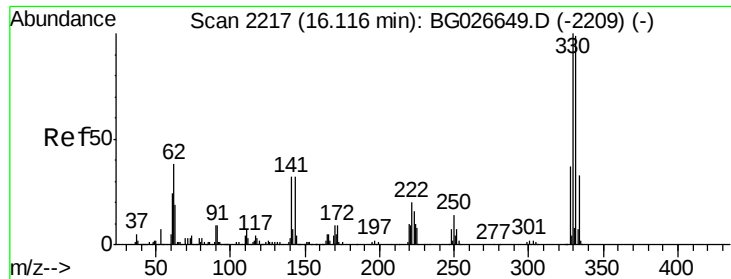
Tot Ion	82	Resp	818494
Ion Ratio	Lower	Upper	
82	100		
128	53.2	26.4	39.6#
54	43.8	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BG026660.D
 Acq: 19 Apr 2017 17:33

Tgt Ion	164	Resp	367647
Ion Ratio	Lower	Upper	
164	100		
162	103.8	85.1	127.7
160	46.2	34.7	52.1

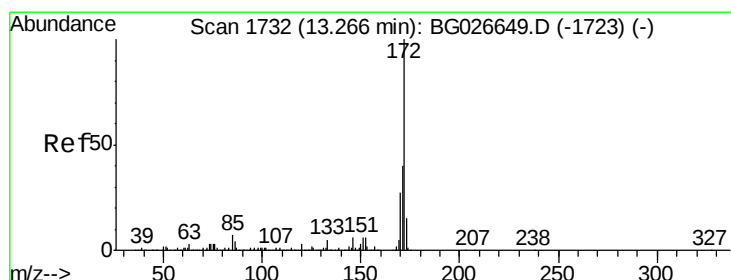
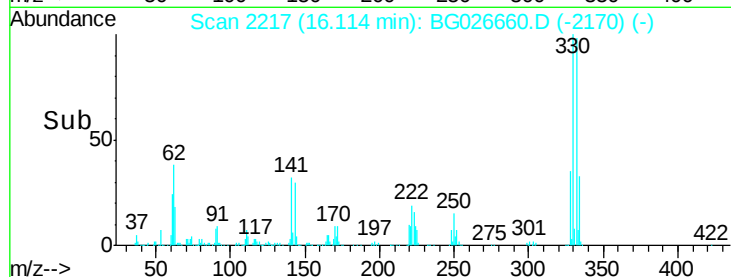
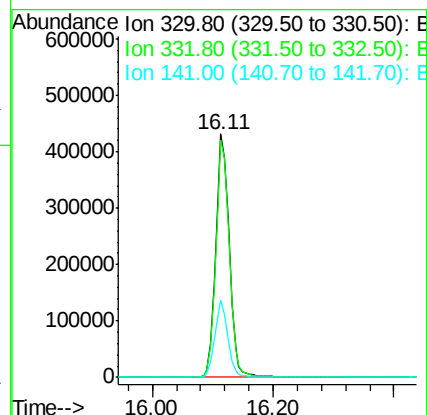
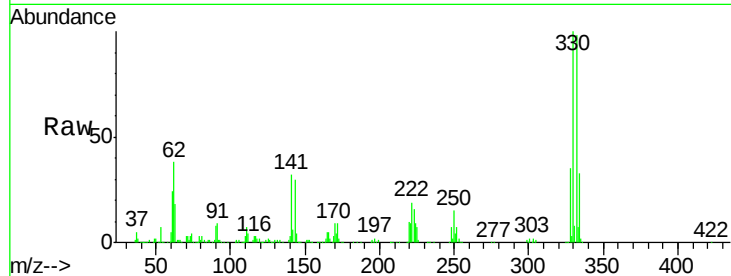




#41
 2,4,6-Tribromophenol
 Concen: 131.71 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG026660.D
 Acq: 19 Apr 2017 17:33

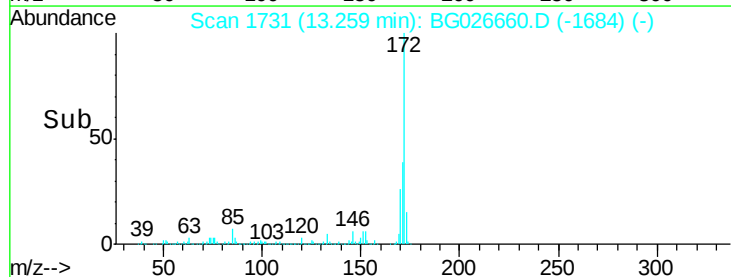
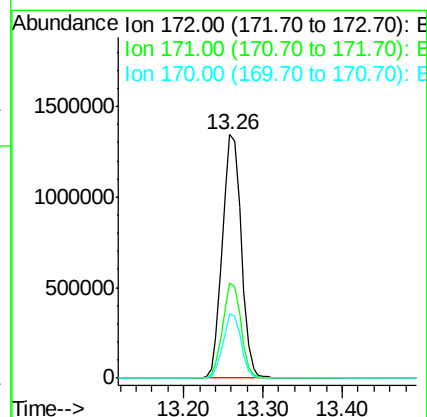
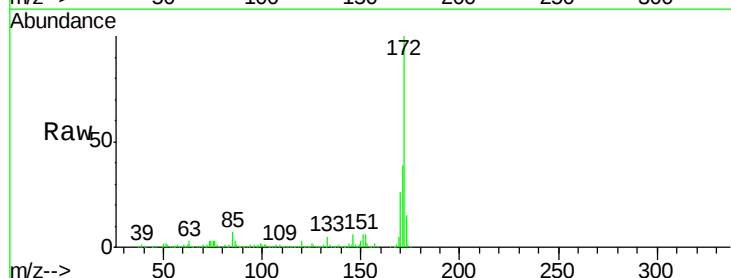
Instrument :
 BNA_G
 ClientSampleId :
 PB98331BL

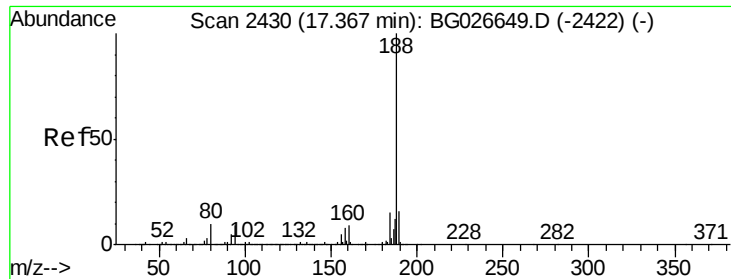
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	30.7	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 89.97 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BG026660.D
 Acq: 19 Apr 2017 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	26.3	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BG026660.D

Acq: 19 Apr 2017 17:33

Instrument :

BNA_G

ClientSampleId :

PB98331BL

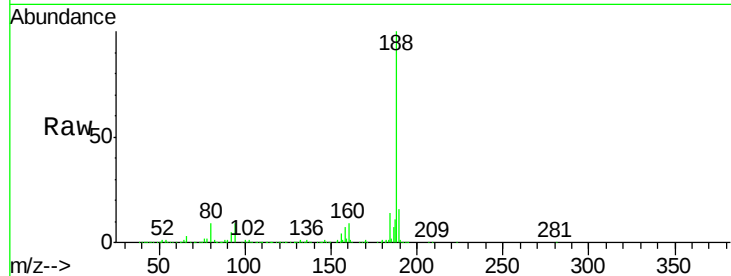
Tot Ion:188 Resp: 951302

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.8

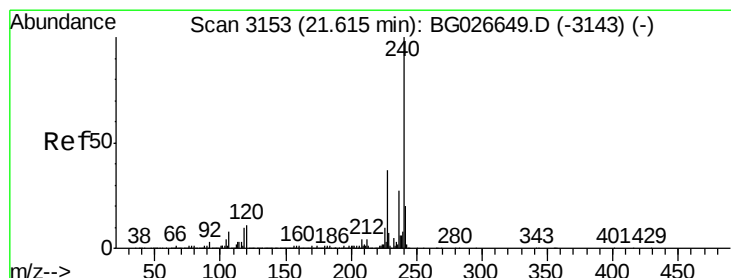
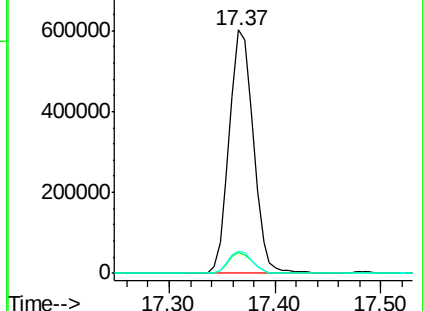
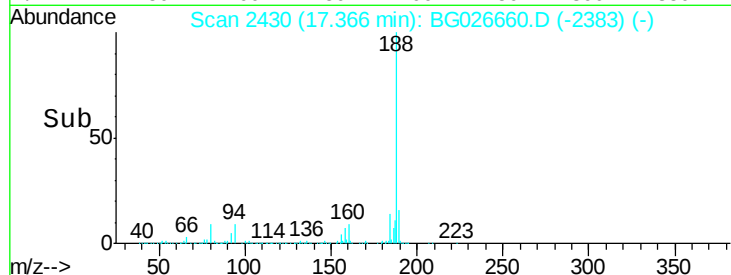
80 9.2 7.5 11.3



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: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026660.D

Acq: 19 Apr 2017 17:33

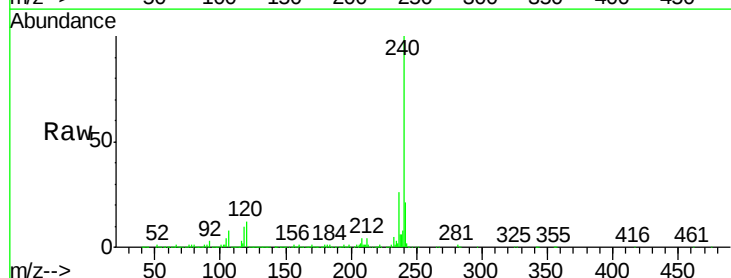
Tgt Ion:240 Resp: 1248156

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

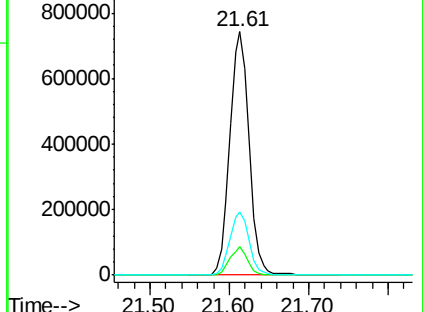
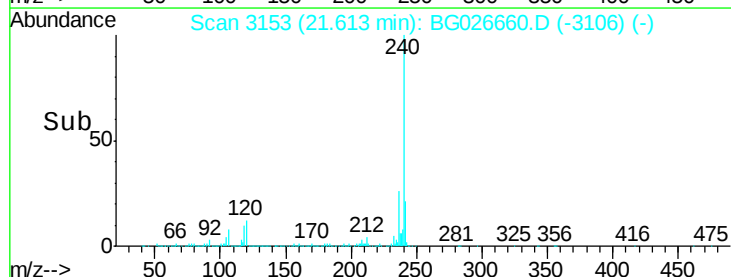
236 25.8 22.2 33.4

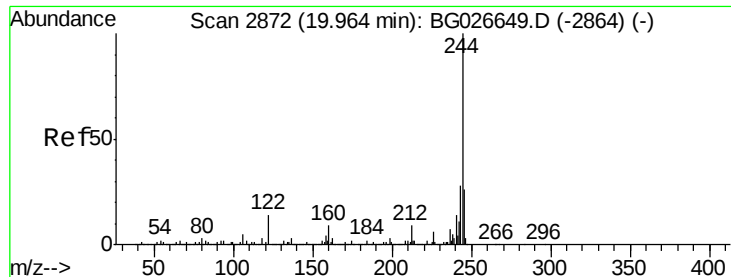


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.63 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026660.D

Acq: 19 Apr 2017 17:33

Instrument :

BNA_G

ClientSampleId :

PB98331BL

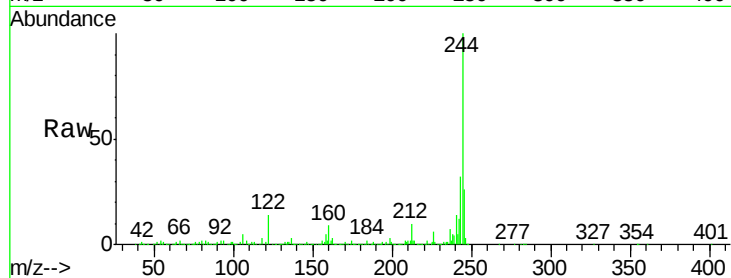
Tot Ion:244 Resp: 3577974

Ion Ratio Lower Upper

244 100

212 9.7 10.0 15.0#

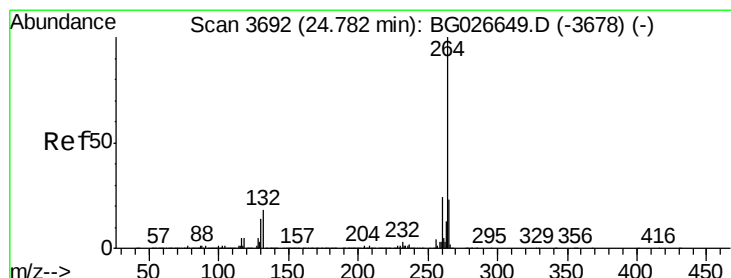
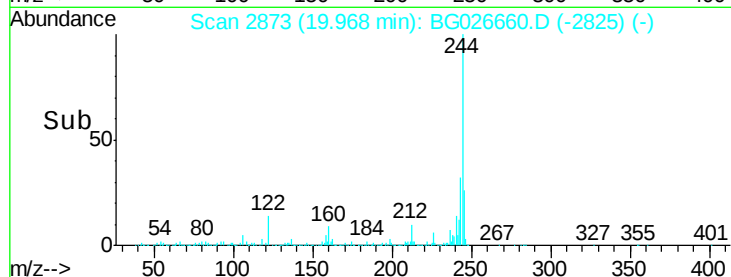
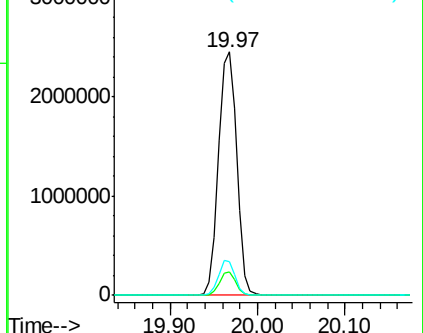
122 13.7 8.6 12.8#



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: 24.78 min Scan# 3692

Delta R.T. -0.04 min

Lab File: BG026660.D

Acq: 19 Apr 2017 17:33

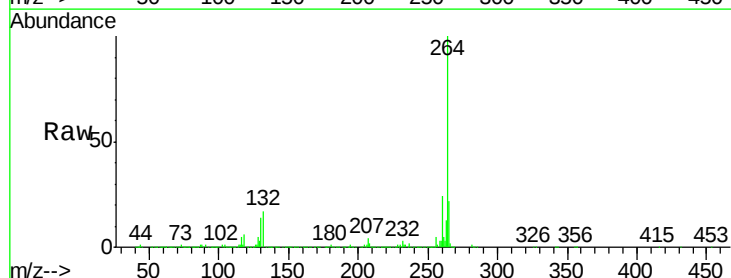
Tgt Ion:264 Resp: 1201100

Ion Ratio Lower Upper

264 100

260 23.9 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

