

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026666.D
 Acq On : 19 Apr 2017 21:31
 Operator : SJ/MA
 Sample : I2718-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001

Quant Time: Apr 20 02:21:24 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	188669	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	772904	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	456589	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1169565	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1300147	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1172480	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1386666	133.61	ng	0.00
7) Phenol-d6	7.23	99	1693482	124.52	ng	0.03
23) Nitrobenzene-d5	9.19	82	1085126	97.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	930970	146.33	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2749425	89.68	ng	-0.01
78) Terphenyl-d14	19.97	244	3868566	87.84	ng	-0.01

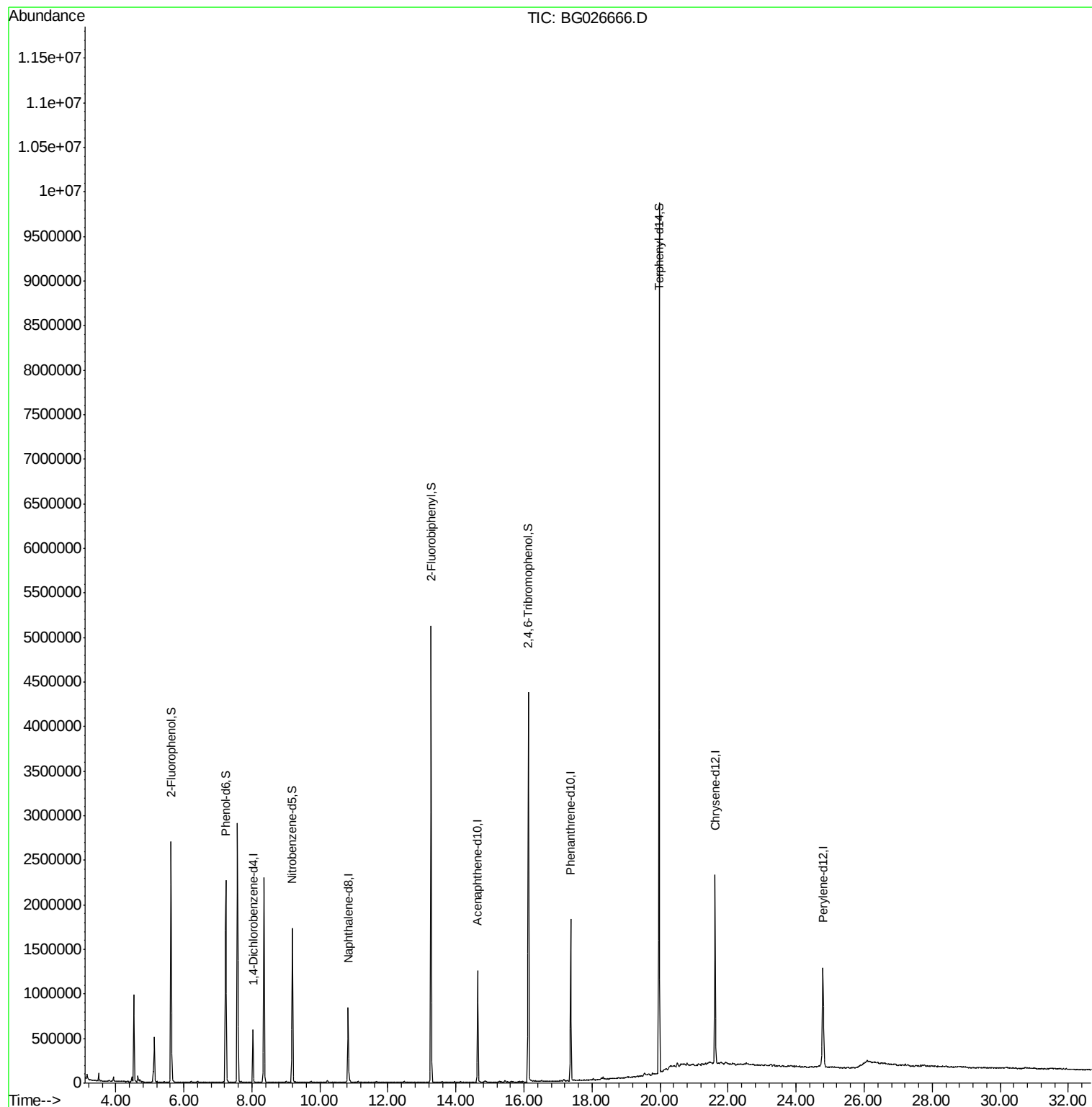
Target Compounds Qvalue

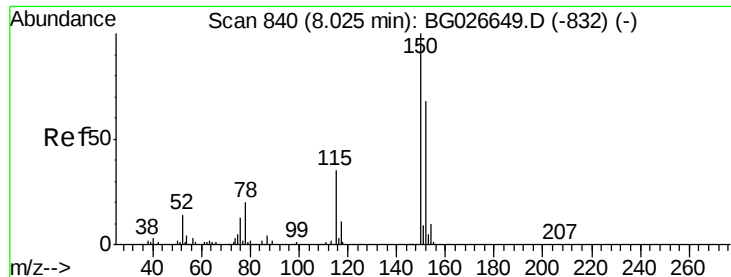
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG026666.D

Acq: 19 Apr 2017 21:31

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001

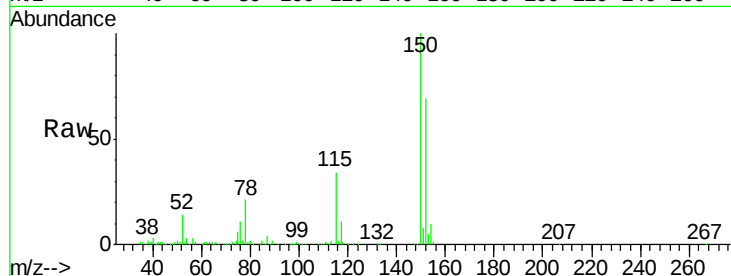
Tot Ion:152 Resp: 188669

Ion Ratio Lower Upper

152 100

150 145.4 114.0 171.0

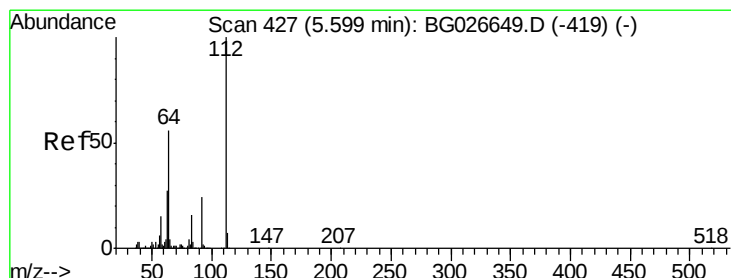
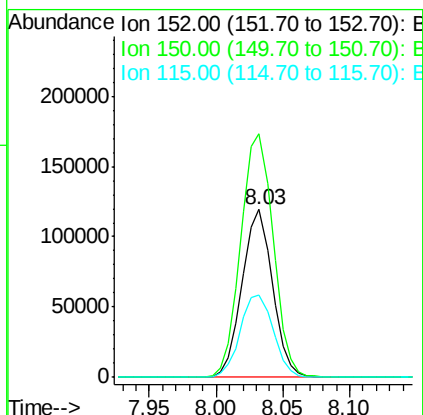
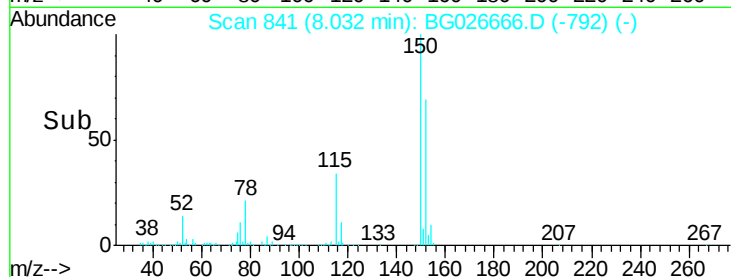
115 49.3 48.1 72.1



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: 133.61 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026666.D

Acq: 19 Apr 2017 21:31

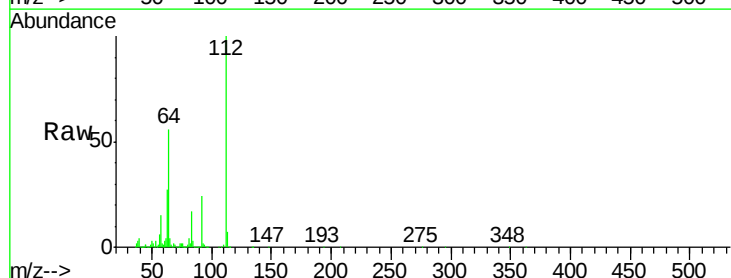
Tgt Ion:112 Resp: 1386666

Ion Ratio Lower Upper

112 100

64 56.3 61.8 92.6#

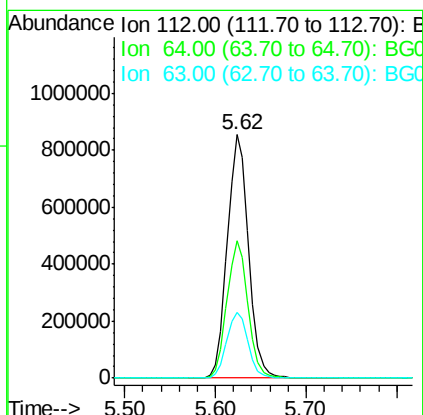
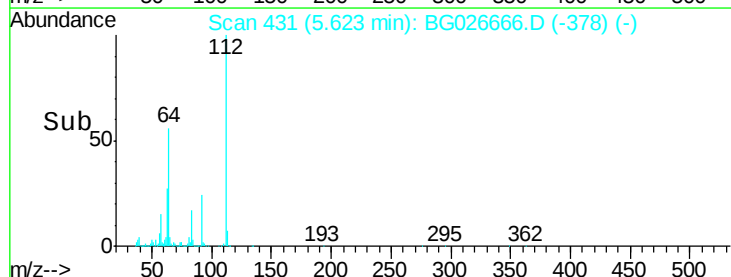
63 27.1 37.2 55.8#

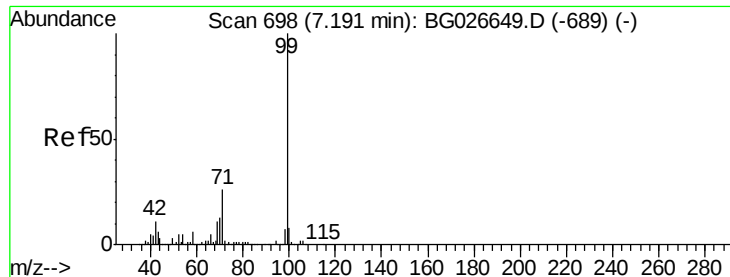


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.52 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.03 min

Lab File: BG026666.D

Acq: 19 Apr 2017 21:31

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001

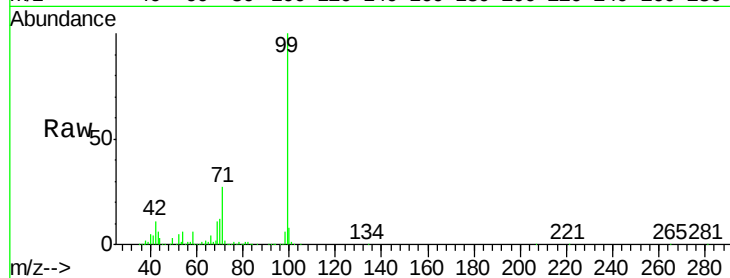
Tot Ion: 99 Resp: 1693482

Ion Ratio Lower Upper

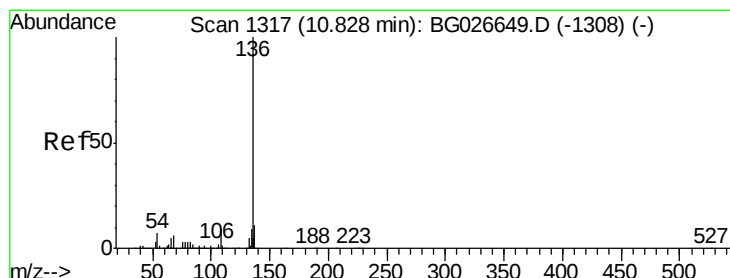
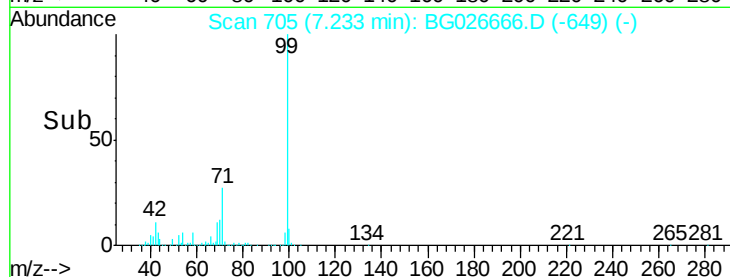
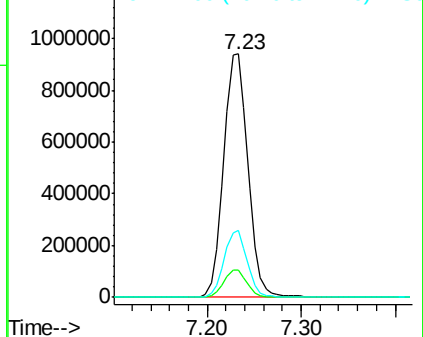
99 100

42 11.3 20.5 30.7#

71 27.5 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: BG026666.D

Acq: 19 Apr 2017 21:31

Tgt Ion: 136 Resp: 772904

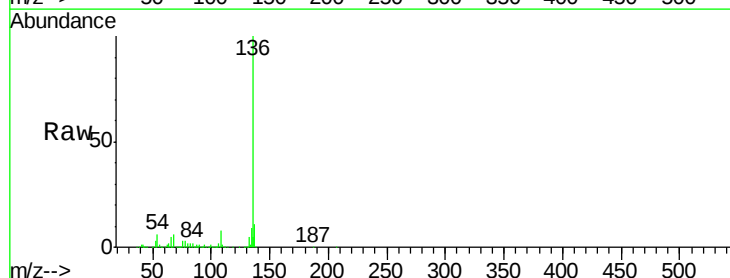
Ion Ratio Lower Upper

136 100

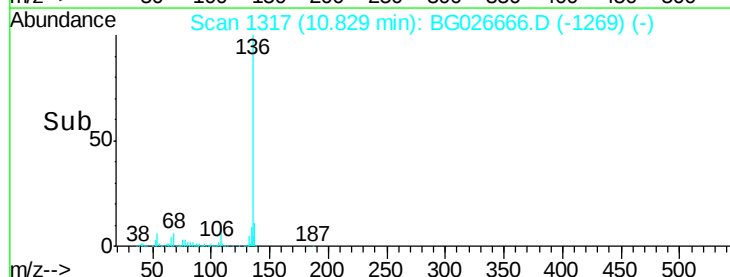
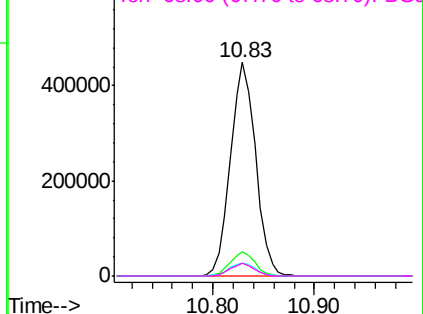
137 11.3 8.9 13.3

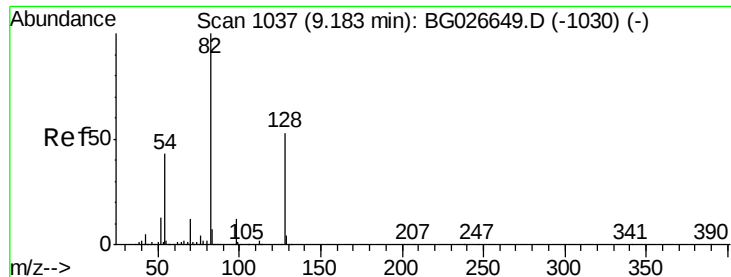
54 6.2 9.3 13.9#

68 5.8 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

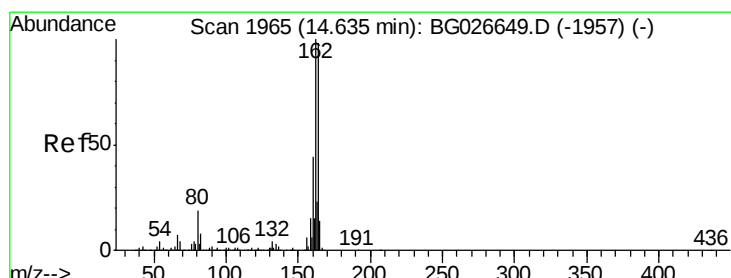
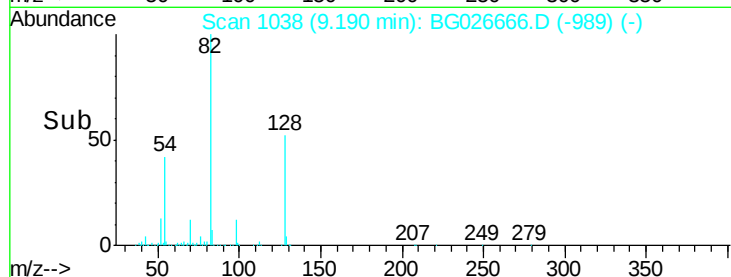
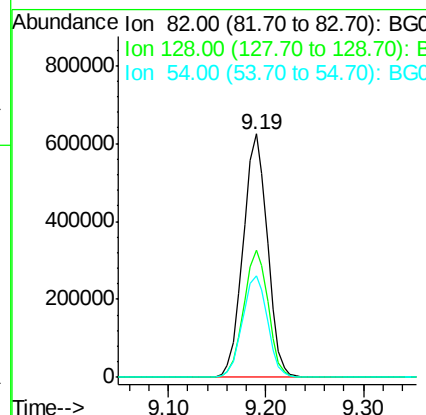
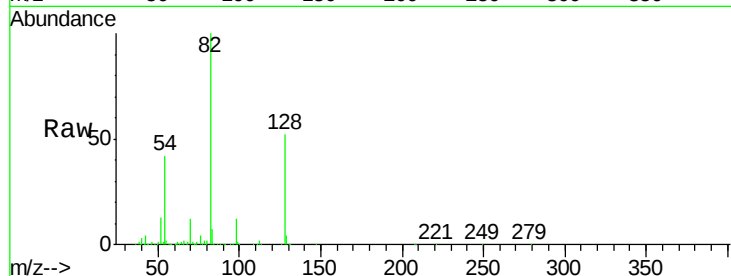




#23
 Nitrobenzene-d5
 Concen: 97.96 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BG026666.D
 Acq: 19 Apr 2017 21:31

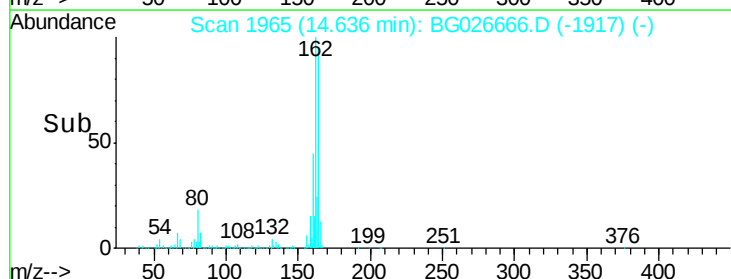
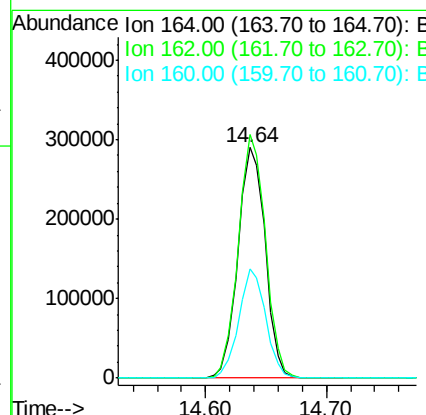
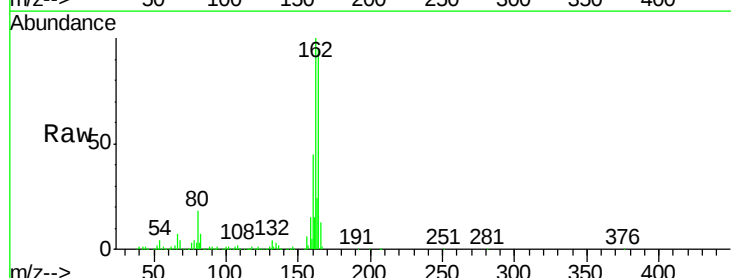
Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001

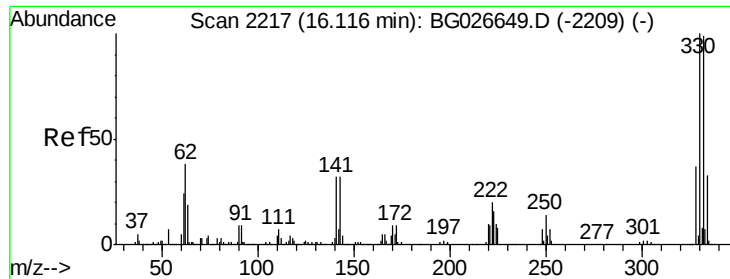
Tot Ion: 82 Resp: 1085126
 Ion Ratio Lower Upper
 82 100
 128 52.4 26.4 39.6#
 54 41.9 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BG026666.D
 Acq: 19 Apr 2017 21:31

Tgt Ion: 164 Resp: 456589
 Ion Ratio Lower Upper
 164 100
 162 105.5 85.1 127.7
 160 47.1 34.7 52.1

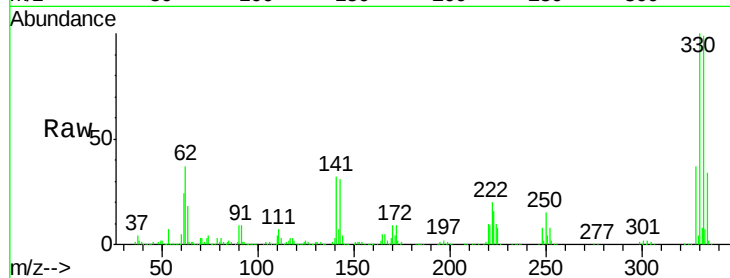




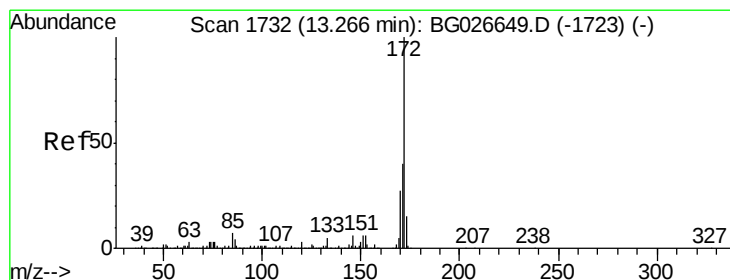
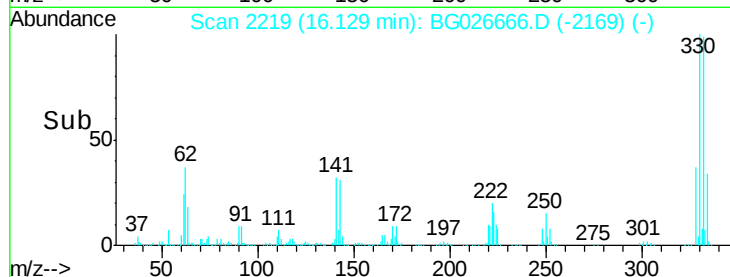
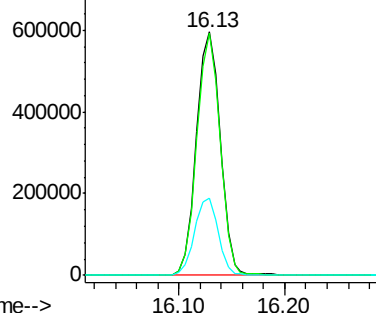
#41
 2,4,6-Tribromophenol
 Concen: 146.33 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026666.D
 Acq: 19 Apr 2017 21:31

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	31.6	32.1	48.1#

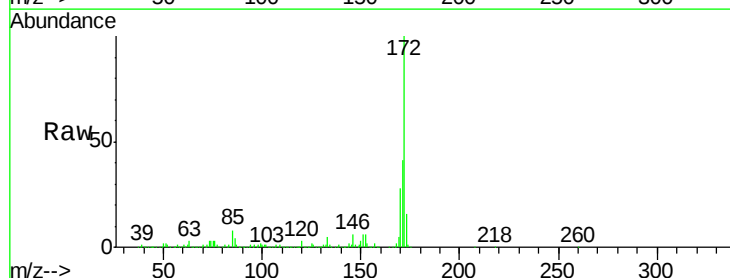


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

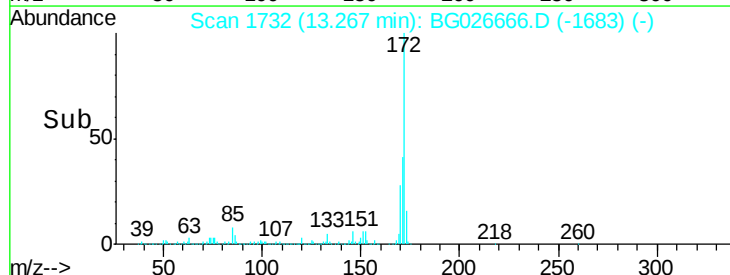
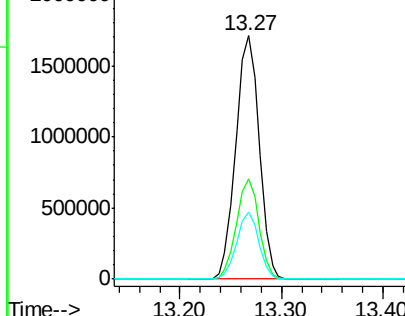


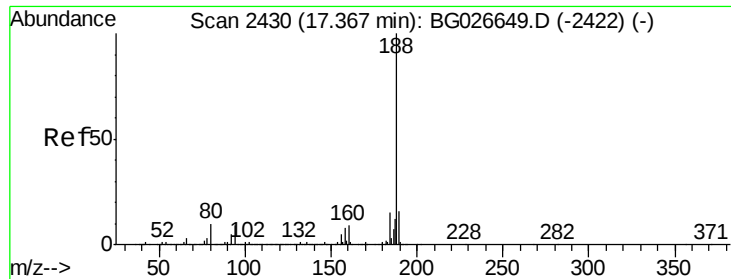
#44
 2-Fluorobiphenyl
 Concen: 89.68 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG026666.D
 Acq: 19 Apr 2017 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	32.2	48.2
170	27.6	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

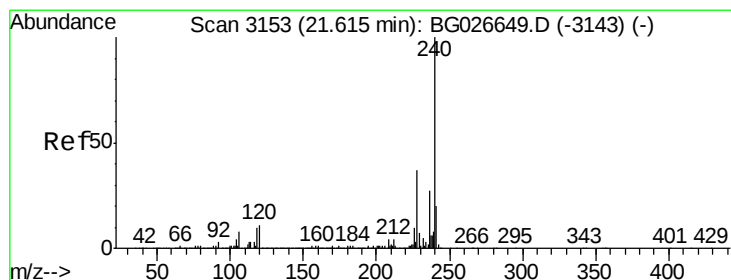
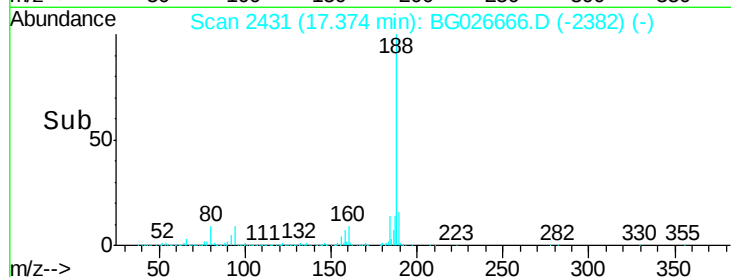
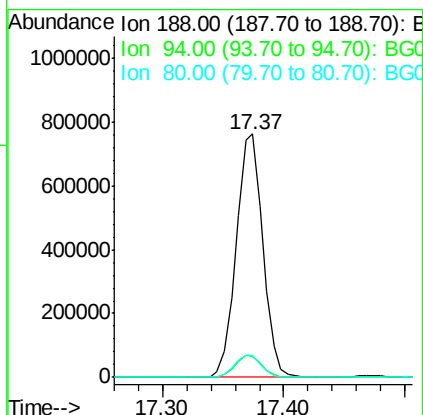
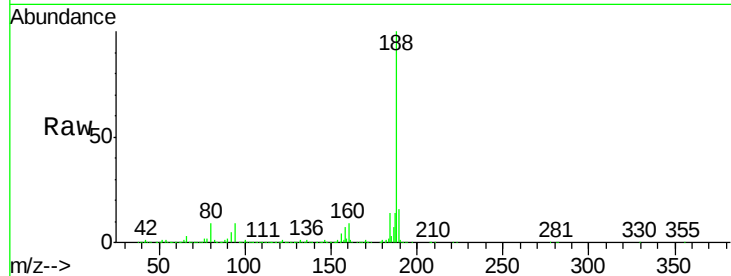




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG026666.D
Acq: 19 Apr 2017 21:31

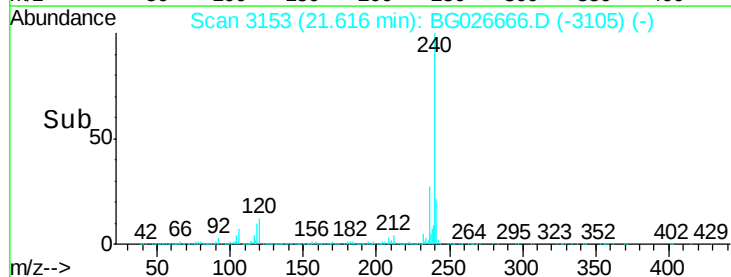
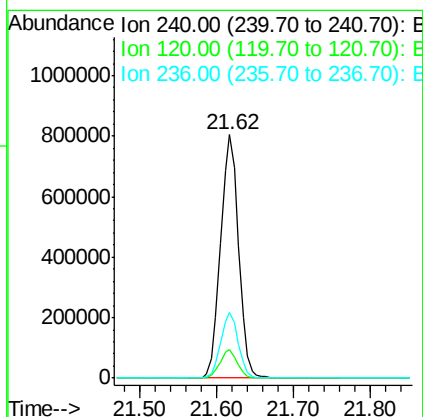
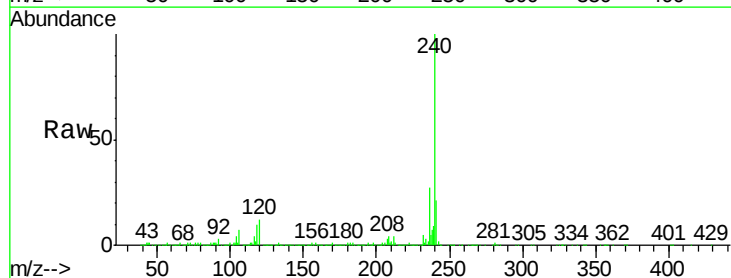
Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001

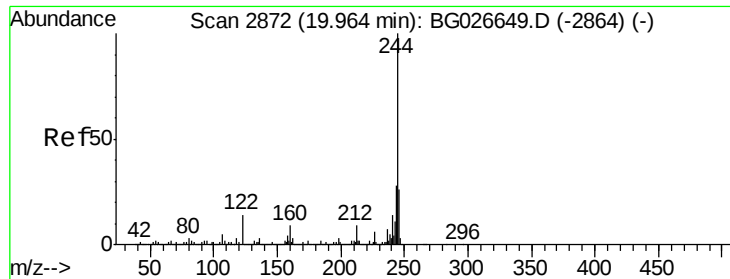
Tot Ion:188 Resp: 1169565
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026666.D
Acq: 19 Apr 2017 21:31

Tgt Ion:240 Resp: 1300147
Ion Ratio Lower Upper
240 100
120 11.6 5.7 8.5#
236 27.2 22.2 33.4





#78

Terphenyl-d14

Concen: 87.84 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG026666.D

Acq: 19 Apr 2017 21:31

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001

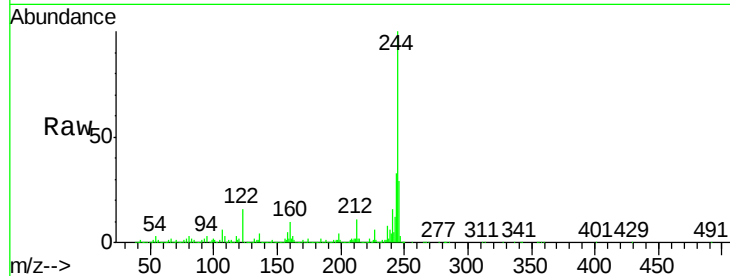
Tot Ion:244 Resp: 3868566

Ion Ratio Lower Upper

244 100

212 10.7 10.0 15.0

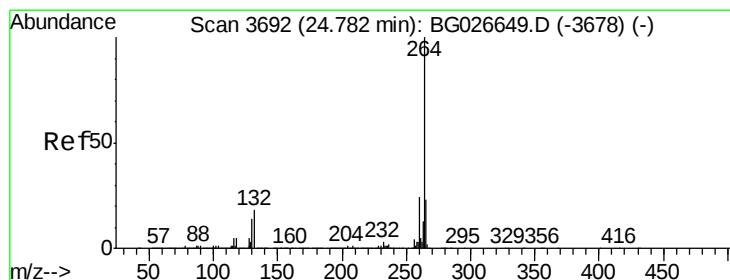
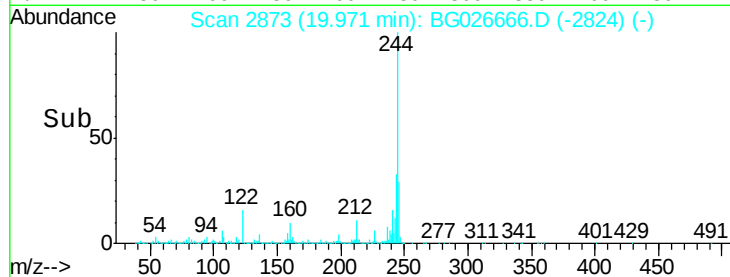
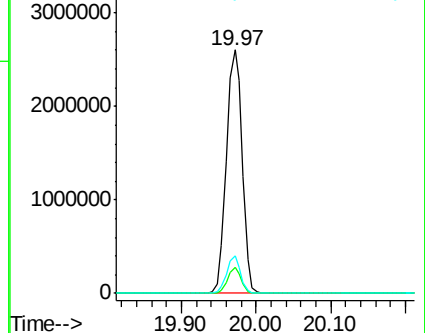
122 15.6 8.6 12.8#



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# 3693

Delta R.T. -0.03 min

Lab File: BG026666.D

Acq: 19 Apr 2017 21:31

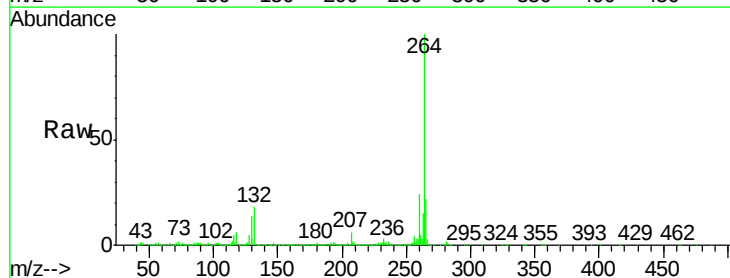
Tgt Ion:264 Resp: 1172480

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.1 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

