

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
 Data File : BG027463.D
 Acq On : 16 Jun 2017 4:57
 Operator : SJ/MA
 Sample : I3689-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-SWITCH-B

Quant Time: Jun 16 07:15:16 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

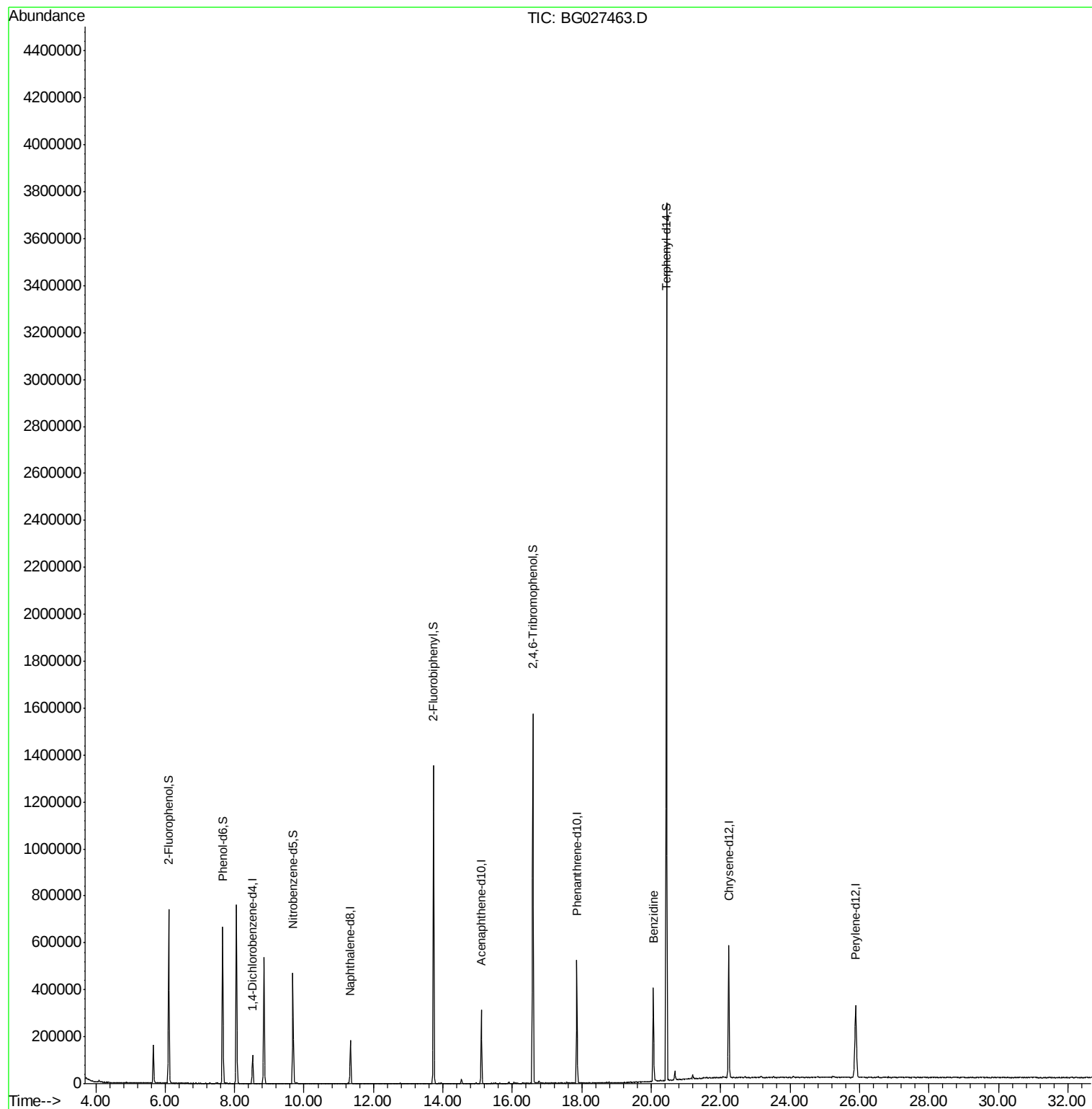
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	33753	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	154029	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	101952	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	324063	20.00	ng	0.00
75) Chrysene-d12	22.23	240	377422	20.00	ng	0.00
86) Perylene-d12	25.89	264	359191	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	326108	136.54	ng	0.00
7) Phenol-d6	7.65	99	415226	113.13	ng	0.00
23) Nitrobenzene-d5	9.68	82	309926	102.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	303615	198.42	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	702863	99.59	ng	0.00
78) Terphenyl-d14	20.44	244	1674548	113.72	ng	0.00
Target Compounds						
76) Benzidine	20.06	184	255363	30.858	ng	Qvalue 97

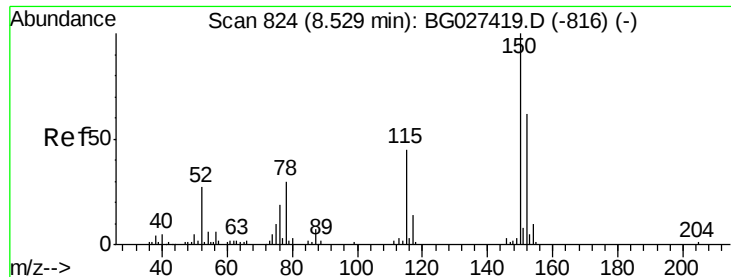
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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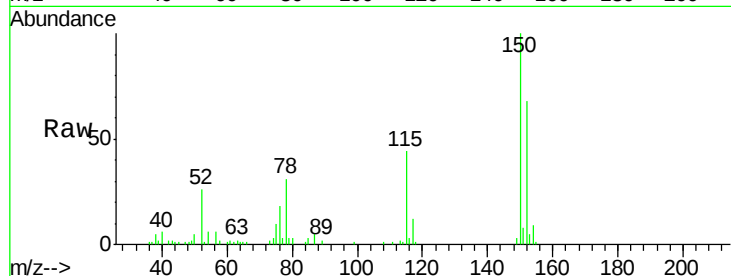


#1

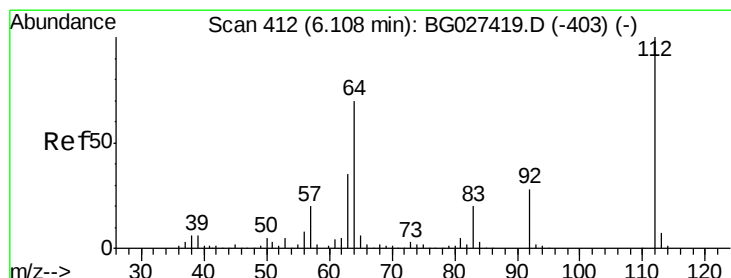
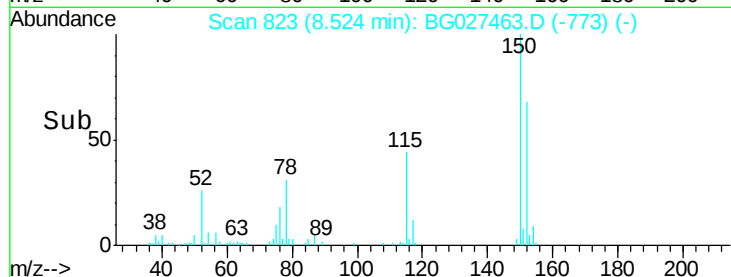
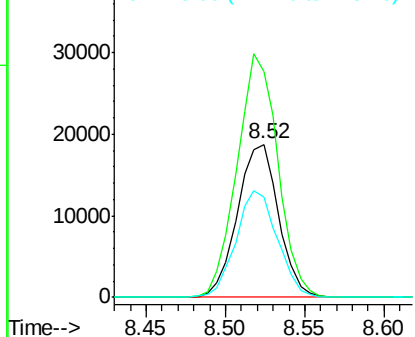
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Instrument :
BNA_G
ClientSampleId :
BAYWAY-SWITCH-B

Tgt Ion:152 Resp: 33753
Ion Ratio Lower Upper
152 100
150 147.6 114.0 171.0
115 65.3 48.1 72.1



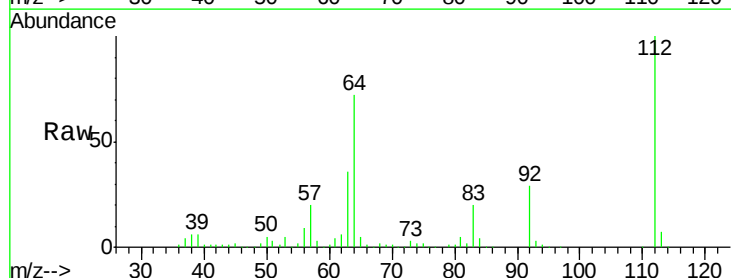
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



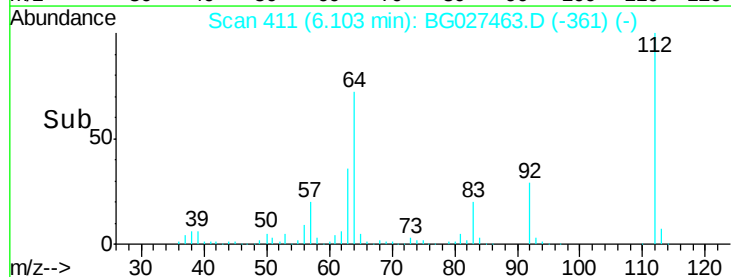
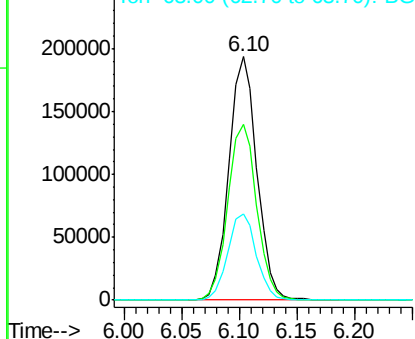
#5

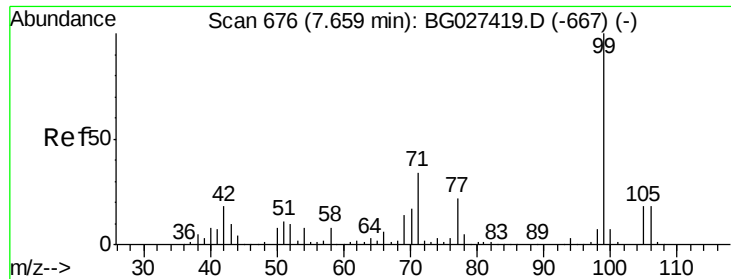
2-Fluorophenol
Concen: 136.542 ng
RT: 6.10 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Tgt Ion:112 Resp: 326108
Ion Ratio Lower Upper
112 100
64 72.1 61.8 92.6
63 35.6 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: 113.128 ng

RT: 7.65 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

Instrument :

BNA_G

ClientSampleId :

BAYWAY-SWITCH-B

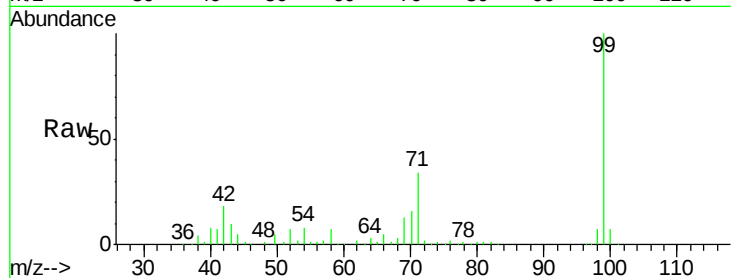
Tgt Ion: 99 Resp: 415226

Ion Ratio Lower Upper

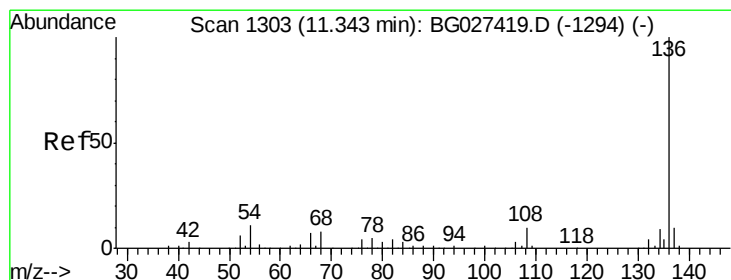
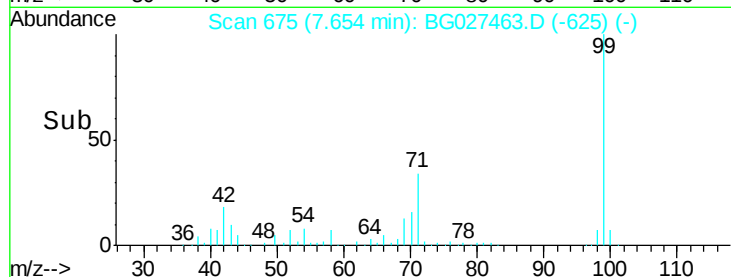
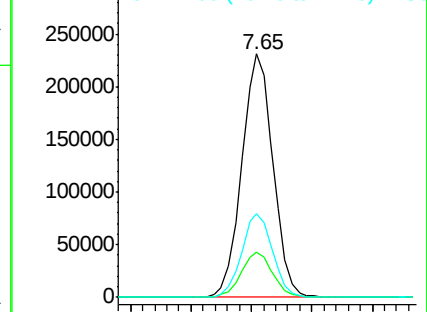
99 100

42 18.3 20.5 30.7#

71 34.2 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: 20.000 ng

RT: 11.34 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

Tgt Ion: 136 Resp: 154029

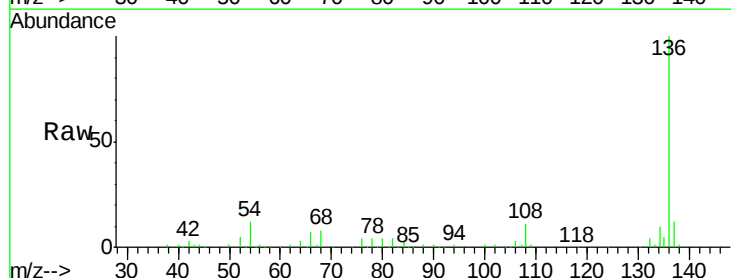
Ion Ratio Lower Upper

136 100

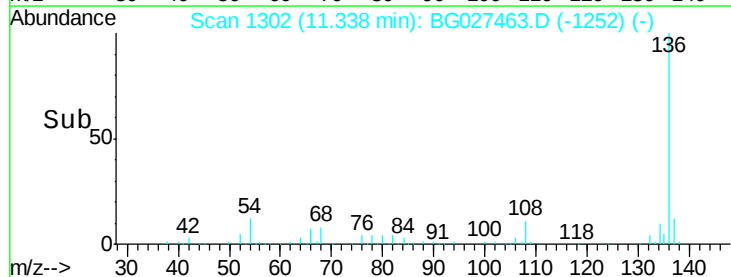
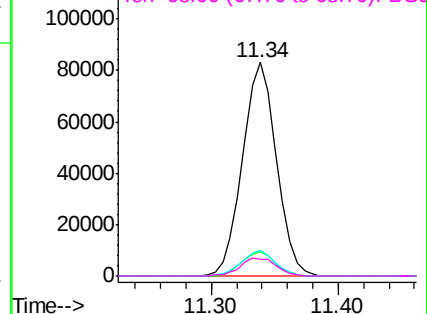
137 11.7 8.9 13.3

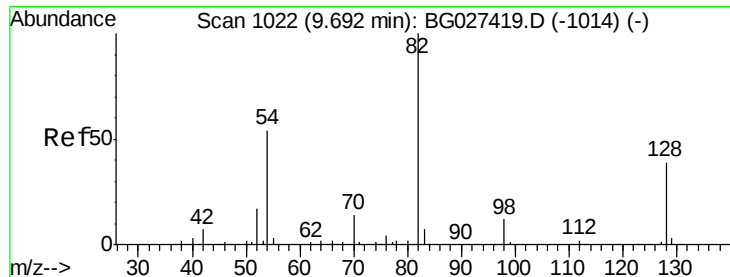
54 11.9 9.3 13.9

68 7.5 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

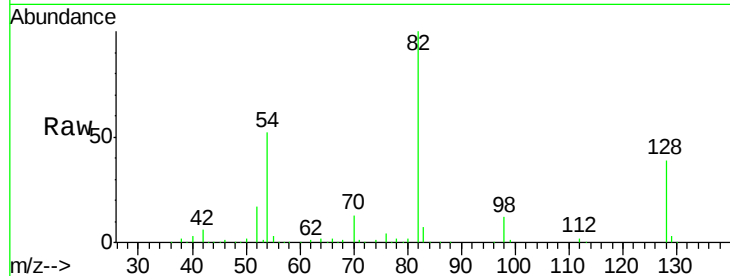




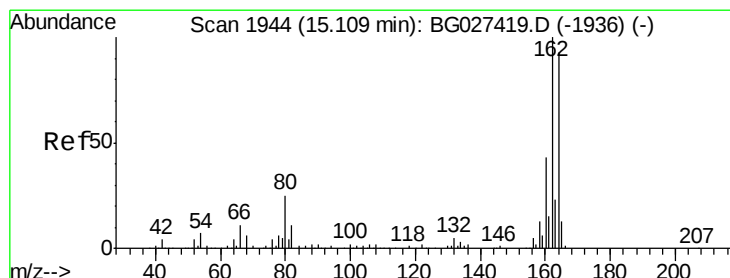
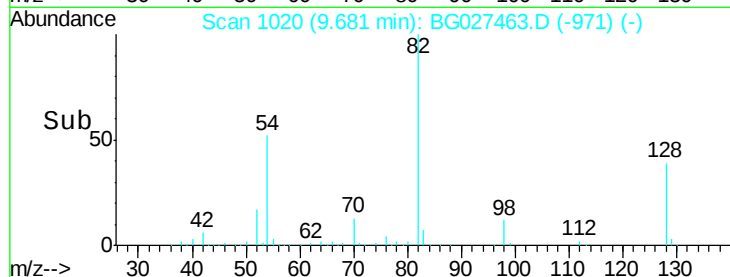
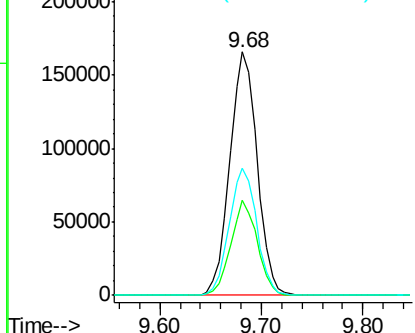
#23
 Nitrobenzene-d5
 Concen: 102.585 ng
 RT: 9.68 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027463.D
 Acq: 16 Jun 2017 4:57

Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-SWITCH-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	52.4	49.4	74.2

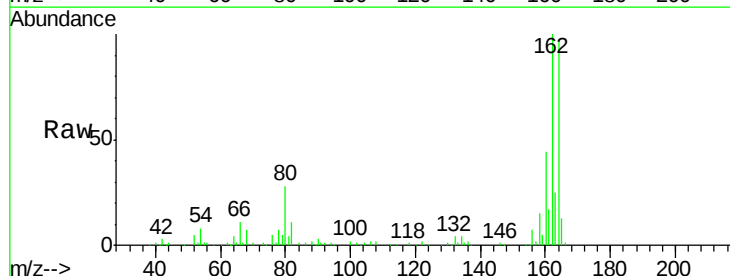


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

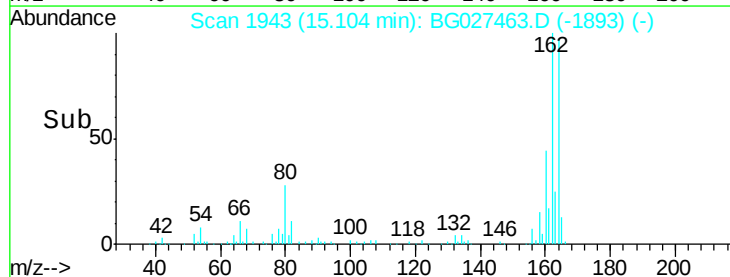
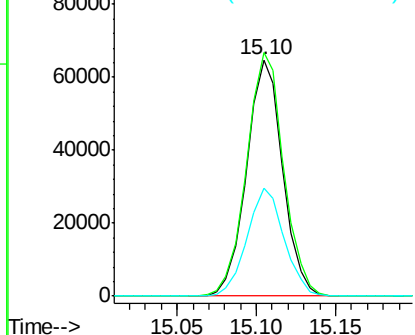


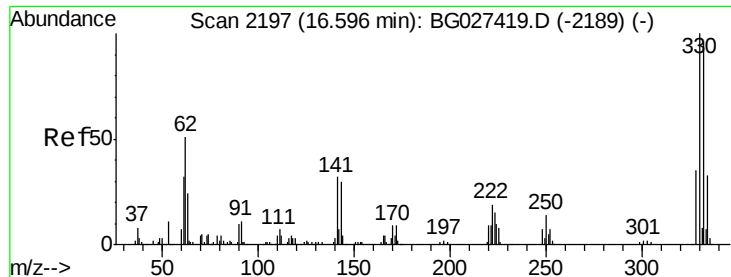
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.10 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG027463.D
 Acq: 16 Jun 2017 4:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	45.6	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

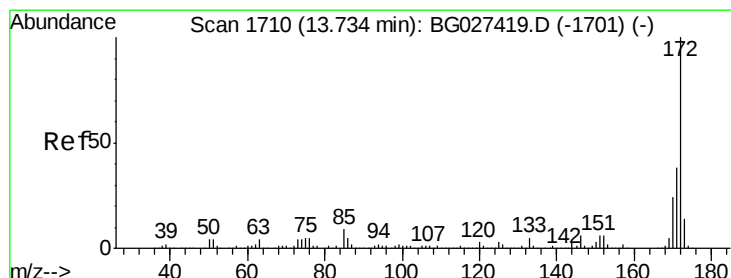
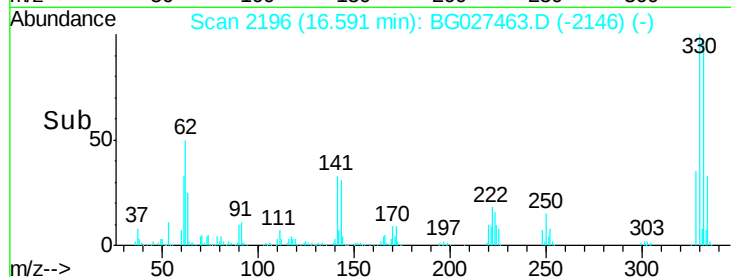
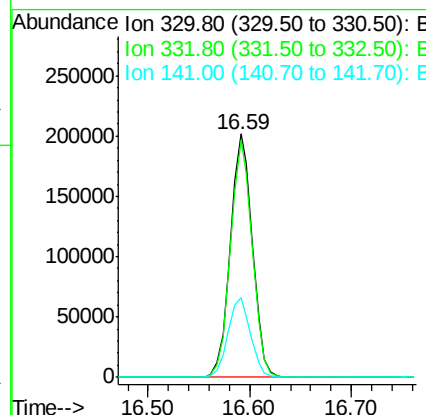
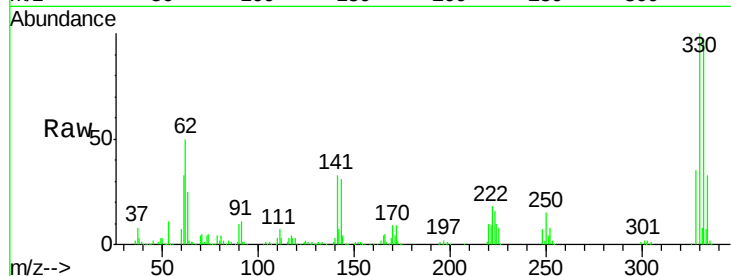




#41
 2,4,6-Tribromophenol
 Concen: 198.423 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027463.D
 Acq: 16 Jun 2017 4:57

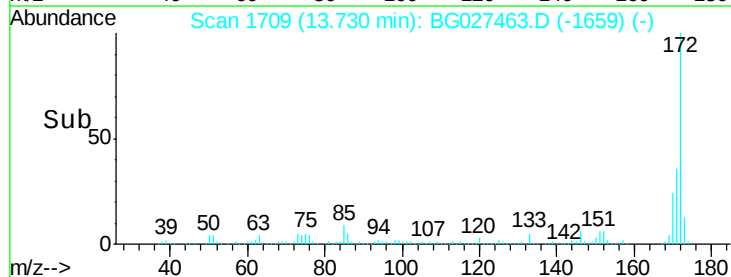
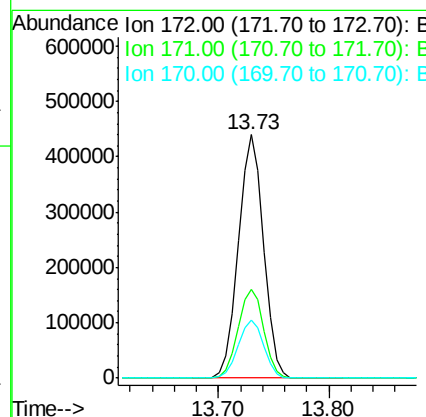
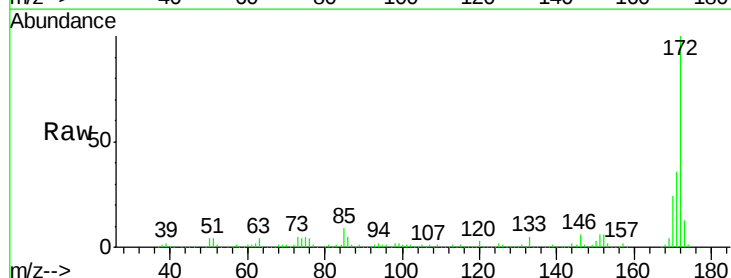
Instrument :
 BNA_G
 ClientSampleId :
 BAYWAY-SWITCH-B

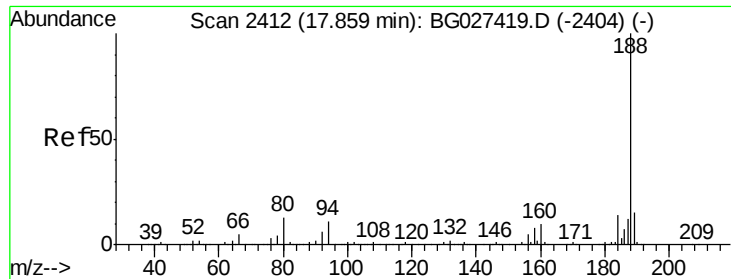
Tgt Ion:330 Resp: 303615
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 33.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 99.593 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027463.D
 Acq: 16 Jun 2017 4:57

Tgt Ion:172 Resp: 702863
 Ion Ratio Lower Upper
 172 100
 171 36.4 32.2 48.2
 170 23.9 21.8 32.6

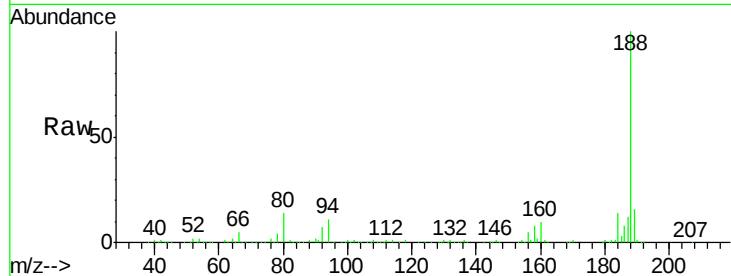




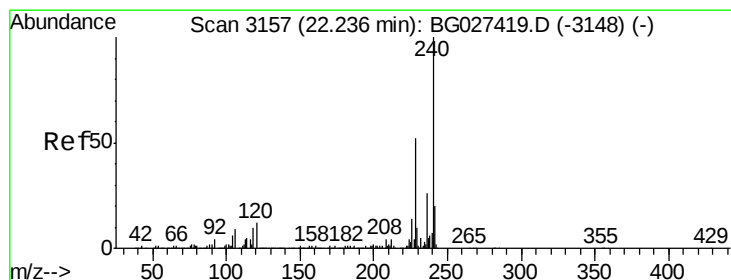
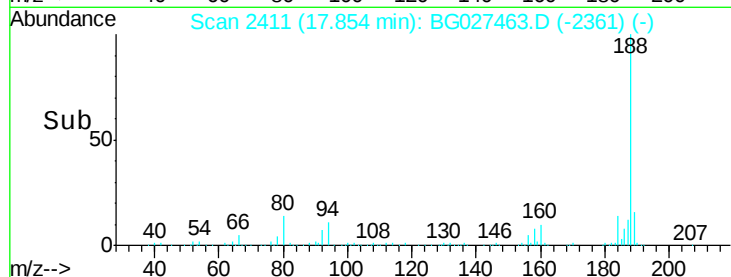
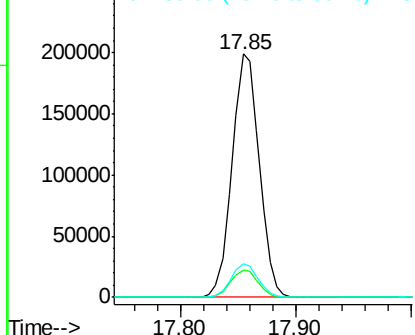
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.85 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Instrument :
BNA_G
ClientSampleId :
BAYWAY-SWITCH-B

Tgt Ion:188 Resp: 324063
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 13.6 7.5 11.3#

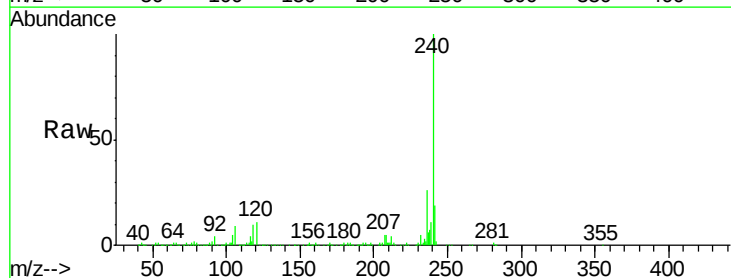


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

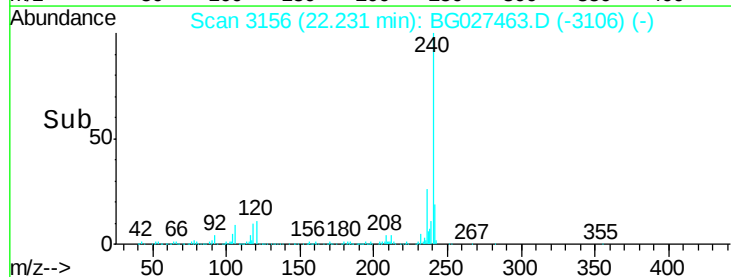
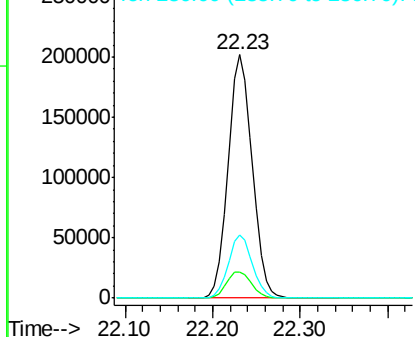


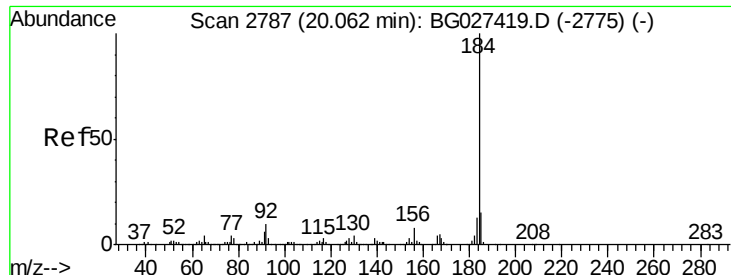
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Tgt Ion:240 Resp: 377422
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 26.2 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





#76

Benzidine

Concen: 30.858 ng

RT: 20.06 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

Instrument :

BNA_G

ClientSampleId :

BAYWAY-SWITCH-B

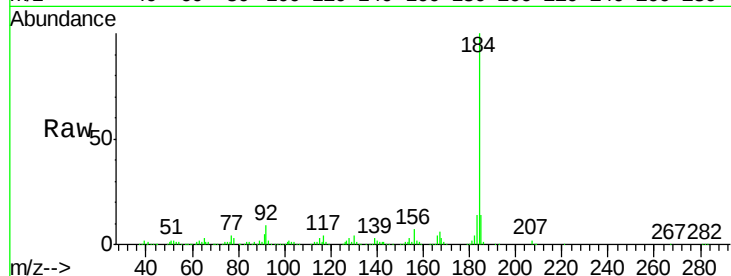
Tgt Ion:184 Resp: 255363

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

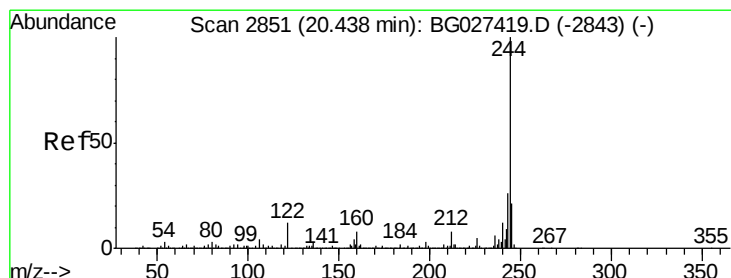
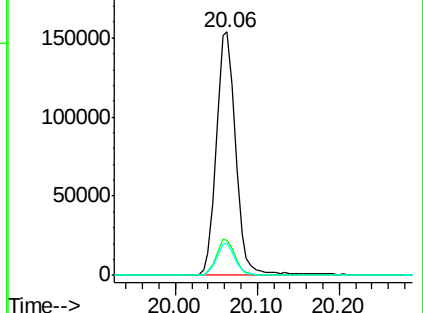
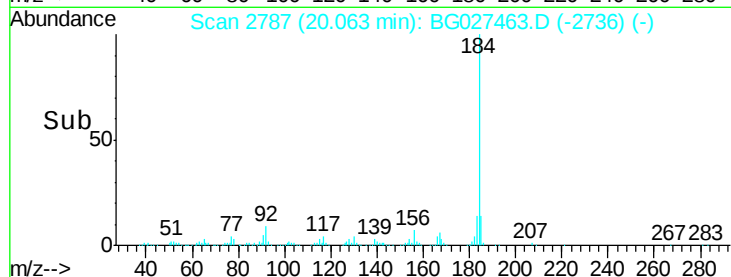
183 13.6 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 113.716 ng

RT: 20.44 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG027463.D

Acq: 16 Jun 2017 4:57

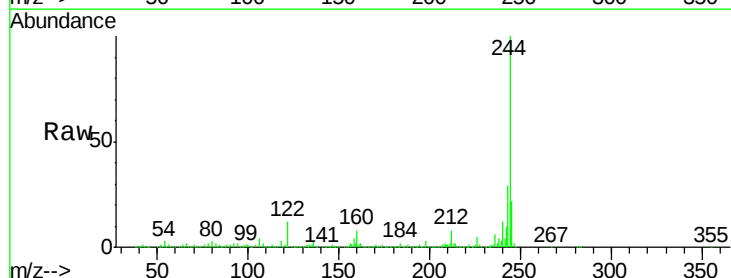
Tgt Ion:244 Resp: 1674548

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

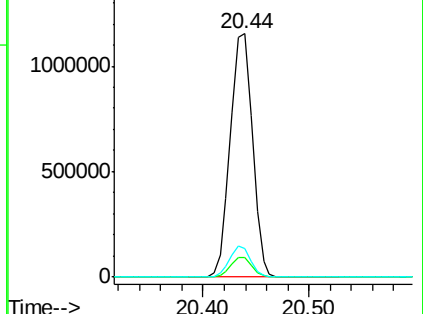
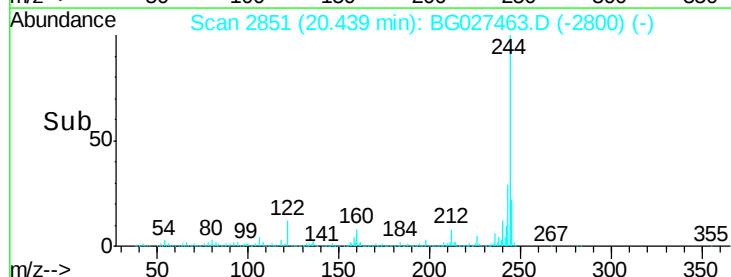
122 11.9 8.6 12.8

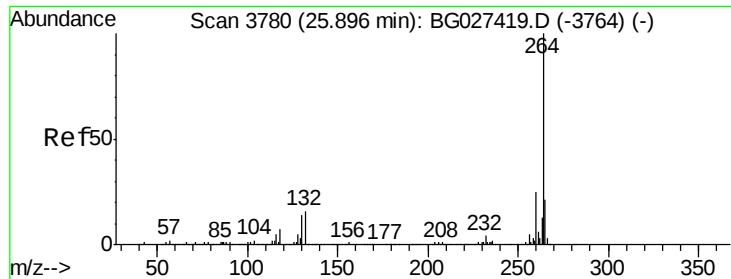


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.89 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG027463.D
Acq: 16 Jun 2017 4:57

Instrument :
BNA_G
ClientSampleId :
BAYWAY-SWITCH-B

Tgt Ion: 264 Resp: 359191
Ion Ratio Lower Upper
264 100
260 24.9 21.8 32.8
265 21.5 18.2 27.4

