

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027426.D
 Acq On : 14 Jun 2017 20:47
 Operator : SJ/MA
 Sample : I3635-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-061217-A

Quant Time: Jun 15 05:24:58 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

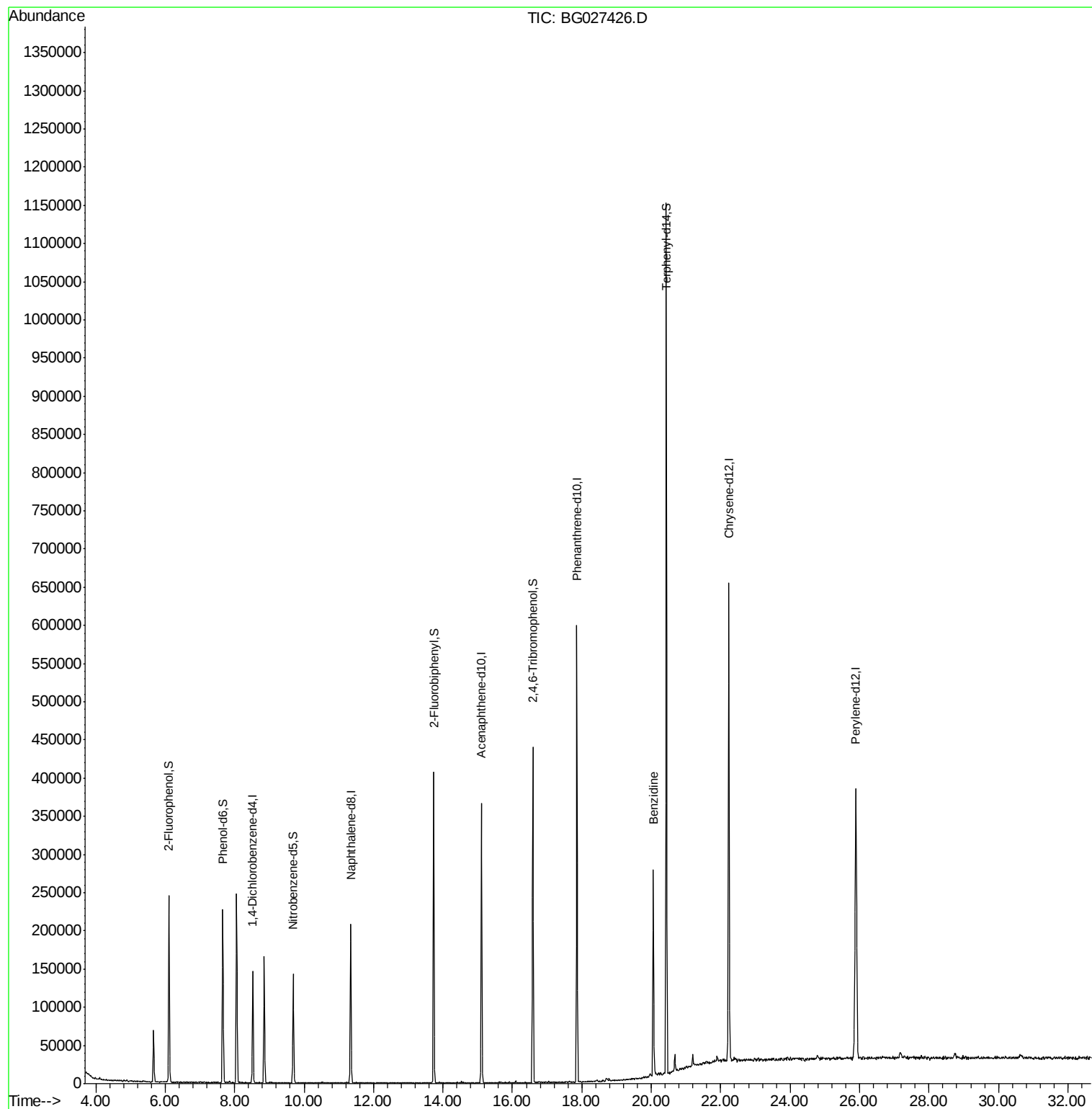
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	40414	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	182998	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	123572	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	361764	20.00	ng	0.00
75) Chrysene-d12	22.24	240	415890	20.00	ng	0.00
86) Perylene-d12	25.89	264	408682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	108371	37.90	ng	0.00
7) Phenol-d6	7.66	99	140597	31.99	ng	0.00
23) Nitrobenzene-d5	9.69	82	94442	26.31	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	81412	43.90	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	218904	25.59	ng	0.00
78) Terphenyl-d14	20.43	244	487247	30.03	ng	0.00
Target Compounds						
76) Benzidine	20.06	184	166501	18.26	ng	Qvalue 96

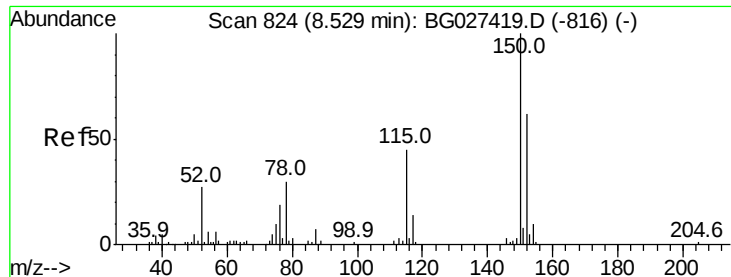
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.53 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-A

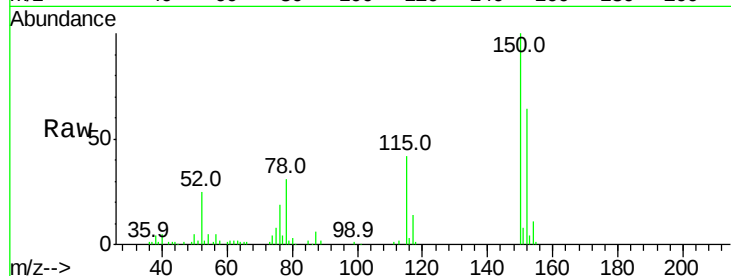
Tot Ion:152 Resp: 40414

Ion Ratio Lower Upper

152 100

150 156.6 114.0 171.0

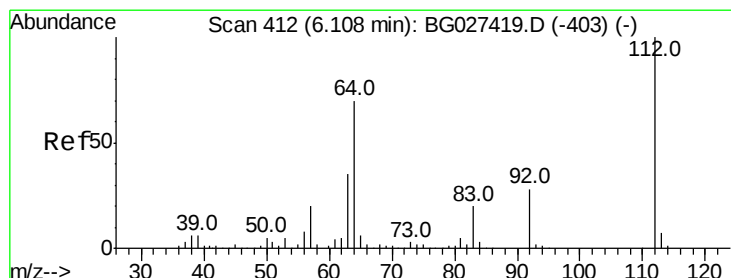
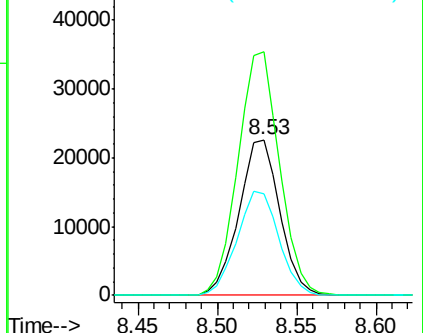
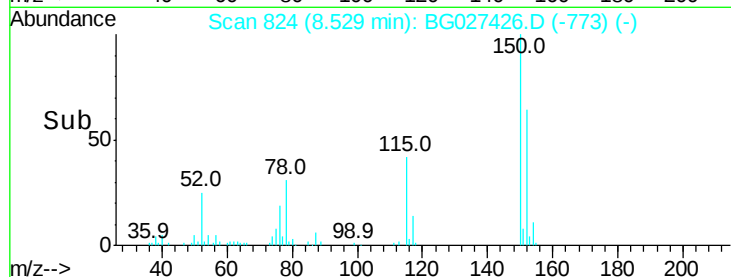
115 65.1 48.1 72.1



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: 37.90 ng

RT: 6.11 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

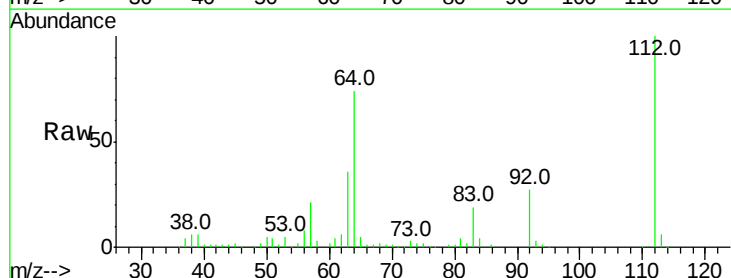
Tgt Ion:112 Resp: 108371

Ion Ratio Lower Upper

112 100

64 73.6 61.8 92.6

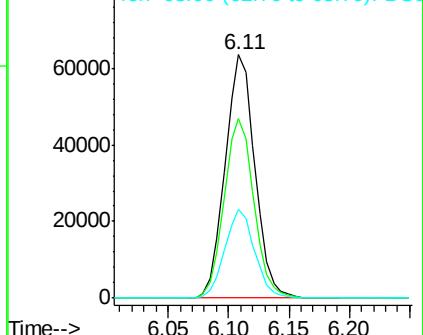
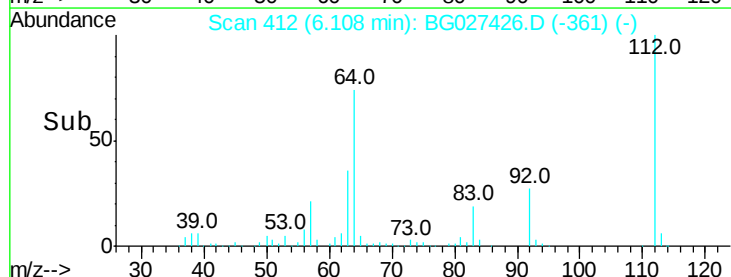
63 36.3 37.2 55.8#

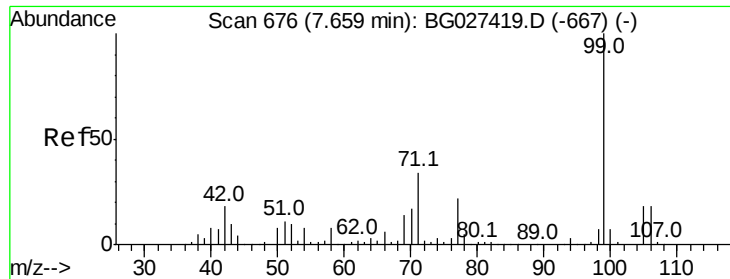


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.99 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-A

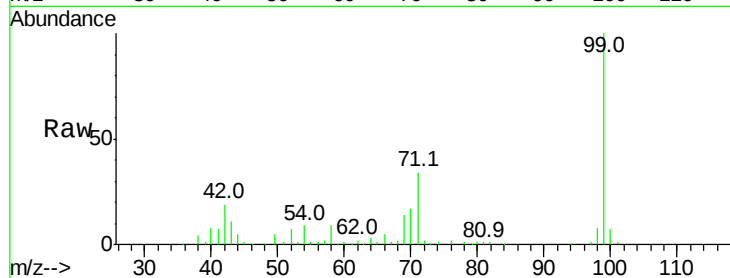
Tot Ion: 99 Resp: 140597

Ion Ratio Lower Upper

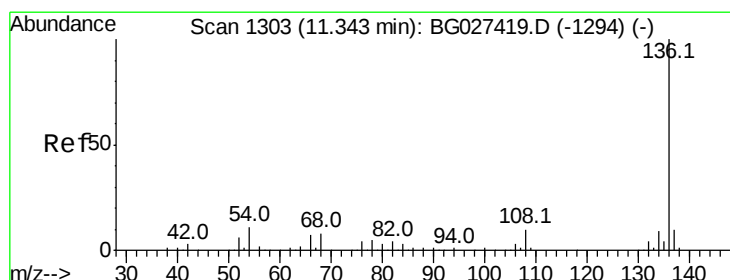
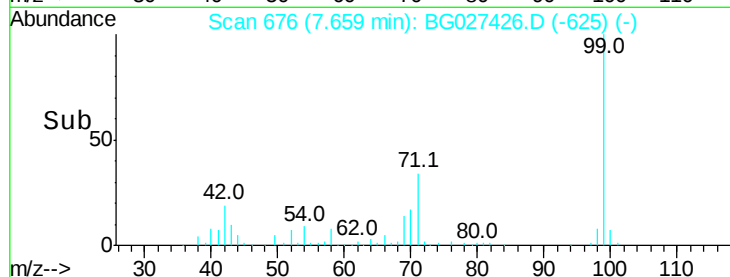
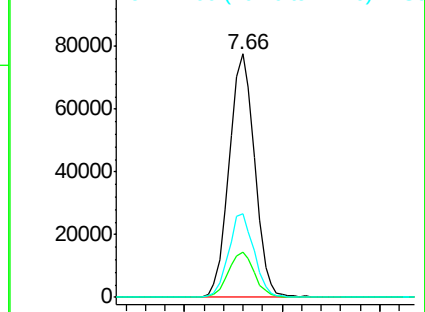
99 100

42 18.7 20.5 30.7#

71 34.1 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: 11.34 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Tgt Ion: 136 Resp: 182998

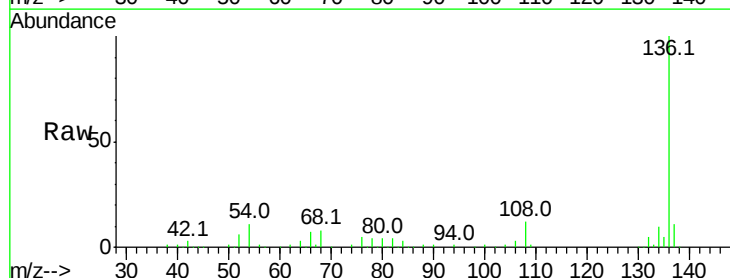
Ion Ratio Lower Upper

136 100

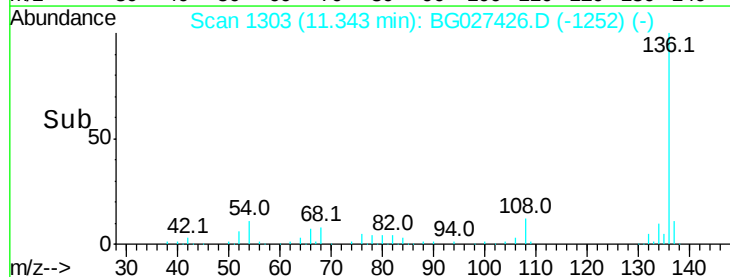
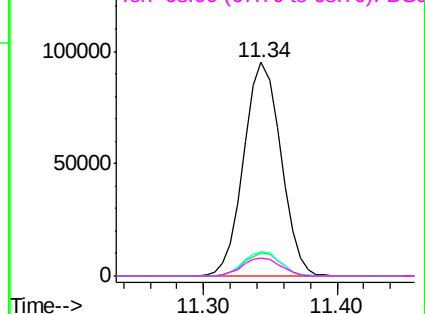
137 10.8 8.9 13.3

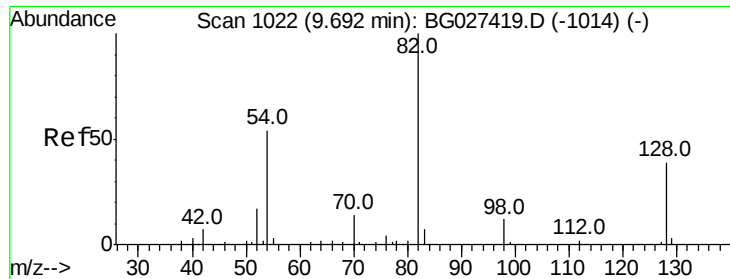
54 11.4 9.3 13.9

68 8.3 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

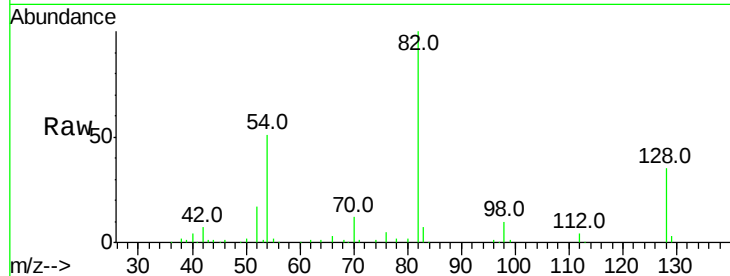




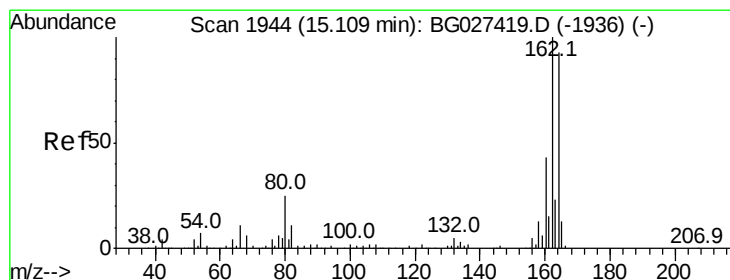
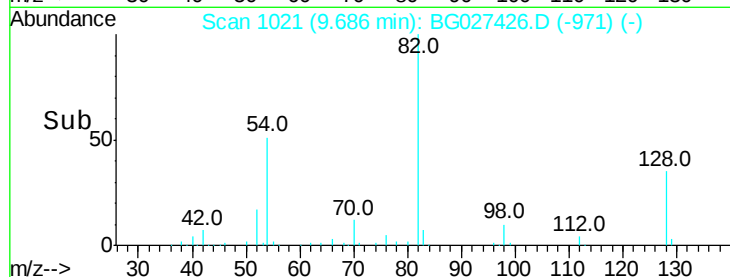
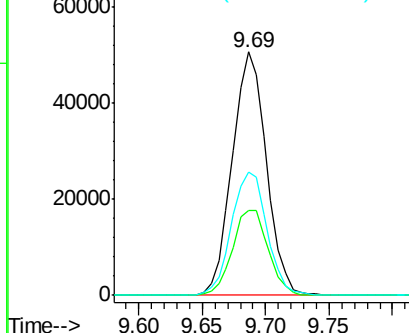
#23
 Nitrobenzene-d5
 Concen: 26.31 ng
 RT: 9.69 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG027426.D
 Acq: 14 Jun 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-061217-A

Tot Ion	82	Resp	94442
Ion Ratio	Lower	Upper	
82	100		
128	35.0	26.4	39.6
54	50.9	49.4	74.2

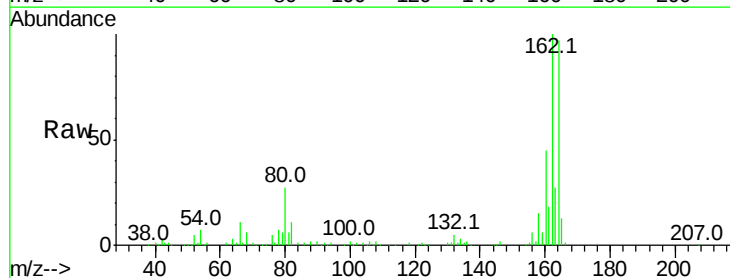


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

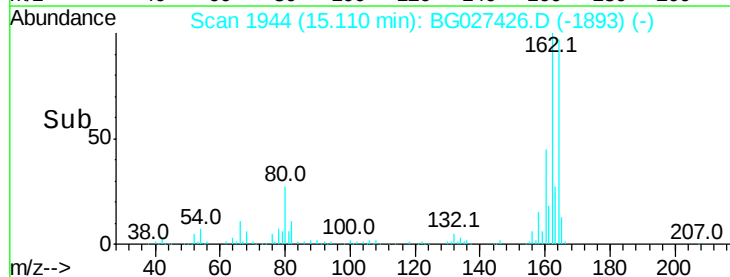
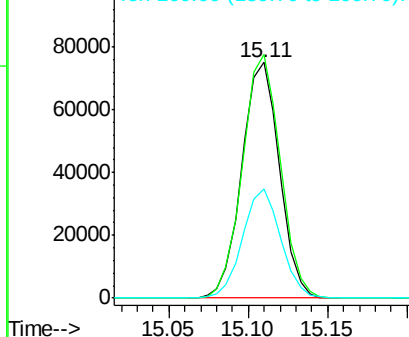


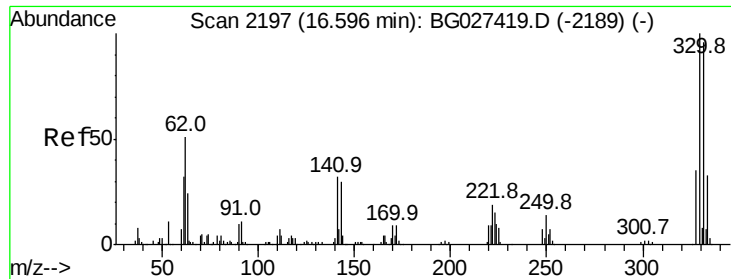
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG027426.D
 Acq: 14 Jun 2017 20:47

Tgt Ion	164	Resp	123572
Ion Ratio	Lower	Upper	
164	100		
162	103.3	85.1	127.7
160	46.4	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

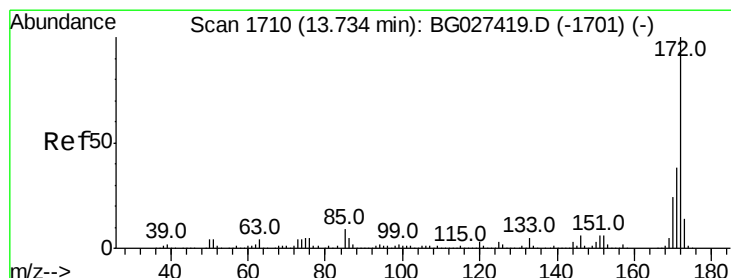
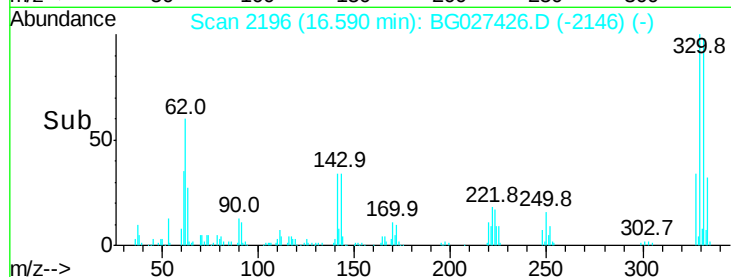
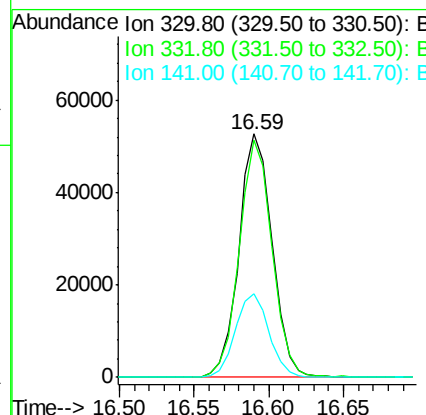
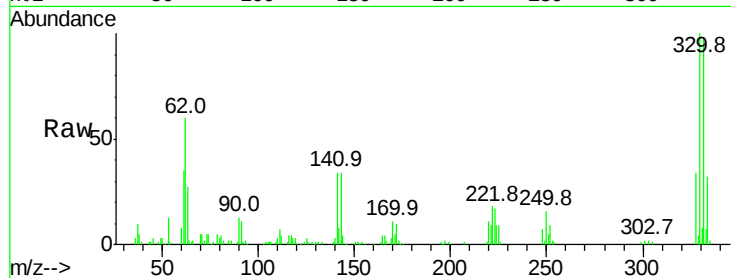




#41
 2,4,6-Tribromophenol
 Concen: 43.90 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG027426.D
 Acq: 14 Jun 2017 20:47

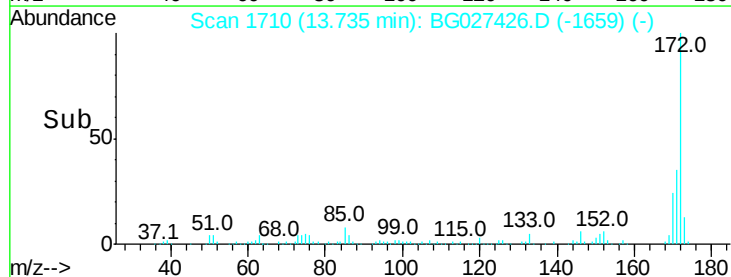
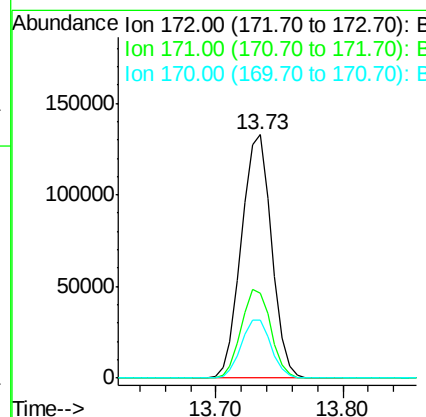
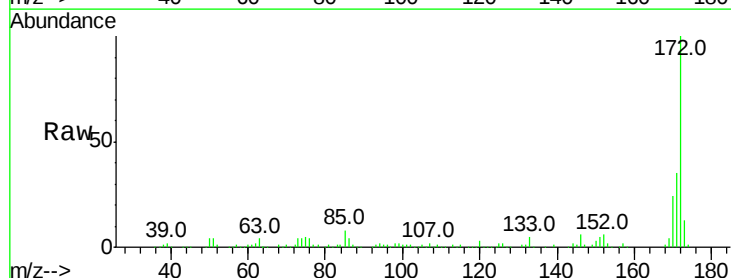
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-061217-A

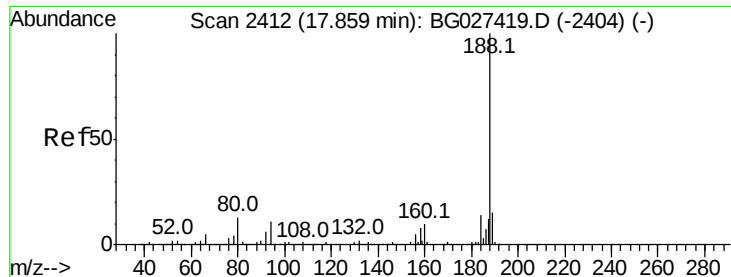
Tot Ion:330 Resp: 81412
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 34.9 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 25.59 ng
 RT: 13.73 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG027426.D
 Acq: 14 Jun 2017 20:47

Tgt Ion:172 Resp: 218904
 Ion Ratio Lower Upper
 172 100
 171 35.0 32.2 48.2
 170 23.6 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.86 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-A

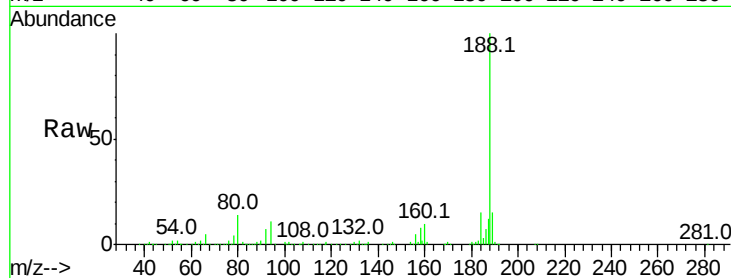
Tot Ion:188 Resp: 361764

Ion Ratio Lower Upper

188 100

94 11.4 5.8 8.8#

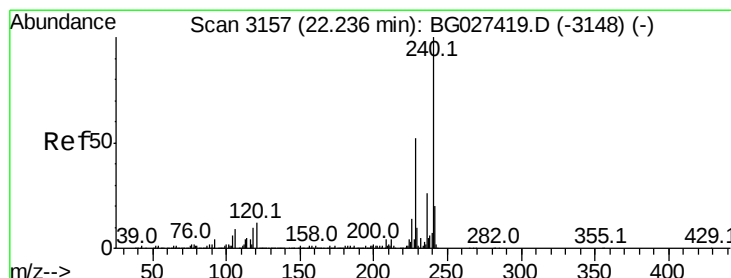
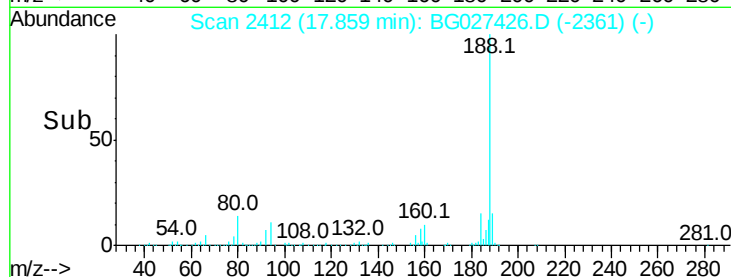
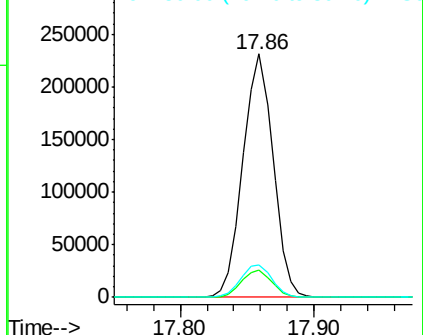
80 13.6 7.5 11.3#



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: 20.00 ng

RT: 22.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

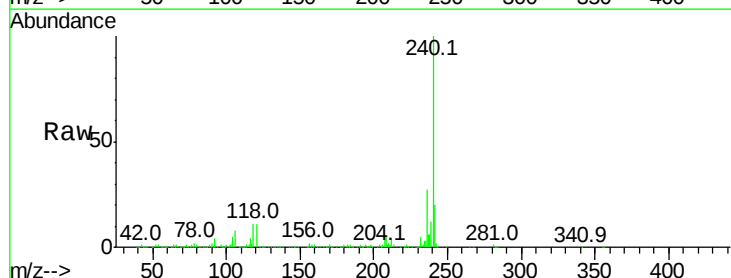
Tgt Ion:240 Resp: 415890

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

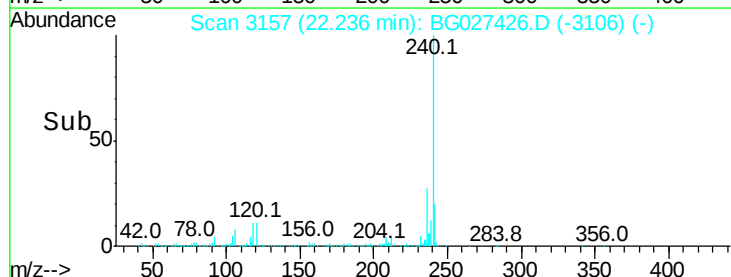
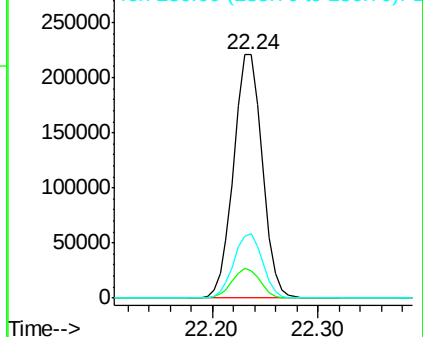
236 26.5 22.2 33.4

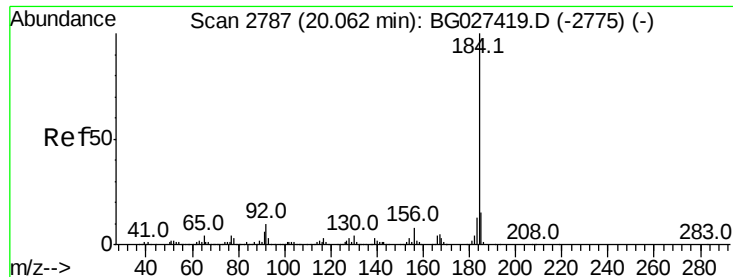


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.26 ng

RT: 20.06 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-A

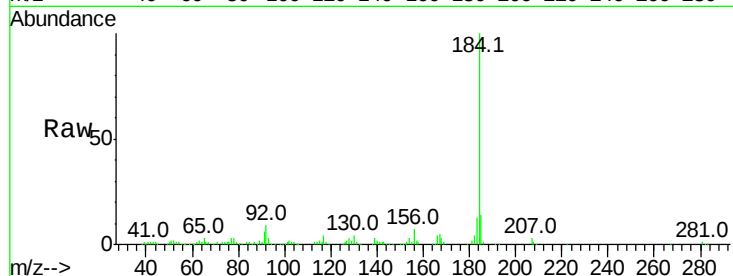
Tot Ion:184 Resp: 166501

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

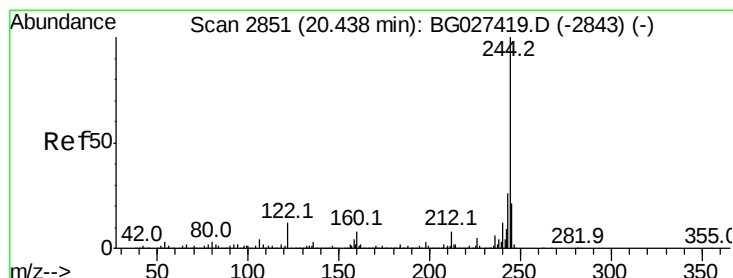
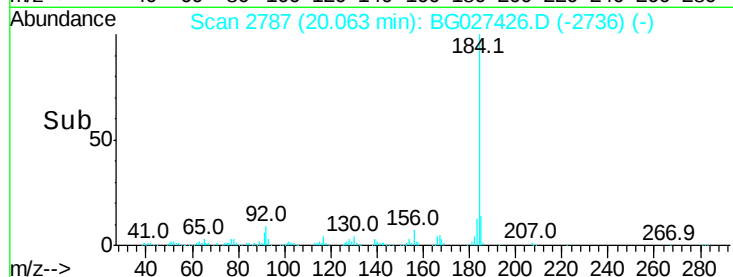
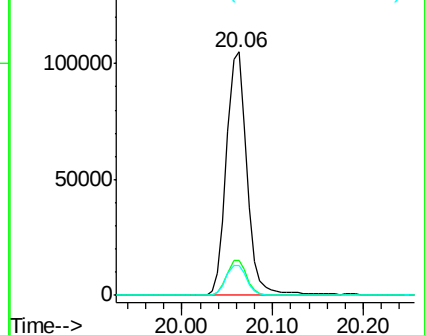
183 12.5 11.0 16.6



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: 30.03 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG027426.D

Acq: 14 Jun 2017 20:47

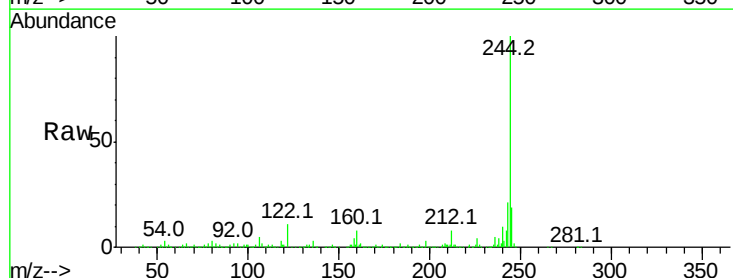
Tgt Ion:244 Resp: 487247

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

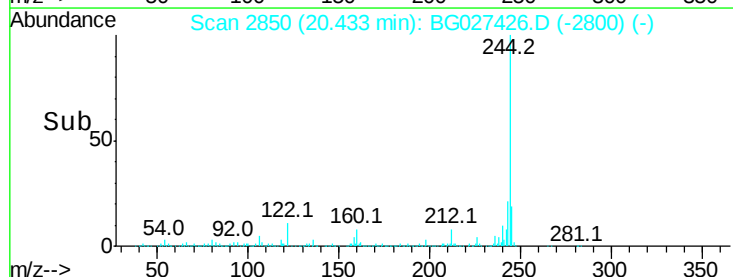
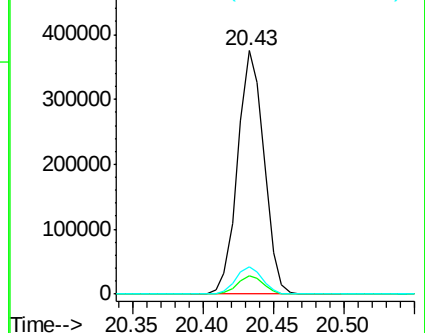
122 11.3 8.6 12.8

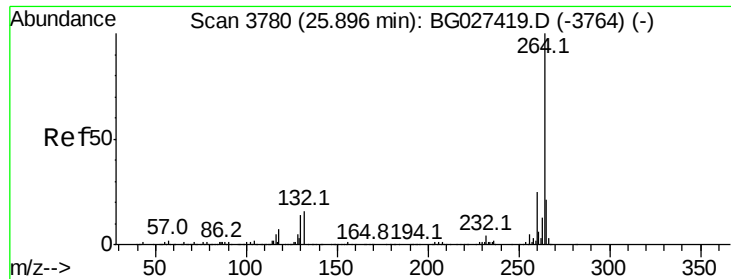


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.89 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BG027426.D
Acq: 14 Jun 2017 20:47

Instrument :
BNA_G
ClientSampleId :
CL-02-061217-A

Tot Ion:264 Resp: 408682
Ion Ratio Lower Upper
264 100
260 23.4 21.8 32.8
265 21.1 18.2 27.4

