

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027438.D
 Acq On : 15 Jun 2017 5:45
 Operator : SJ/MA
 Sample : I3635-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 15 07:02:20 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

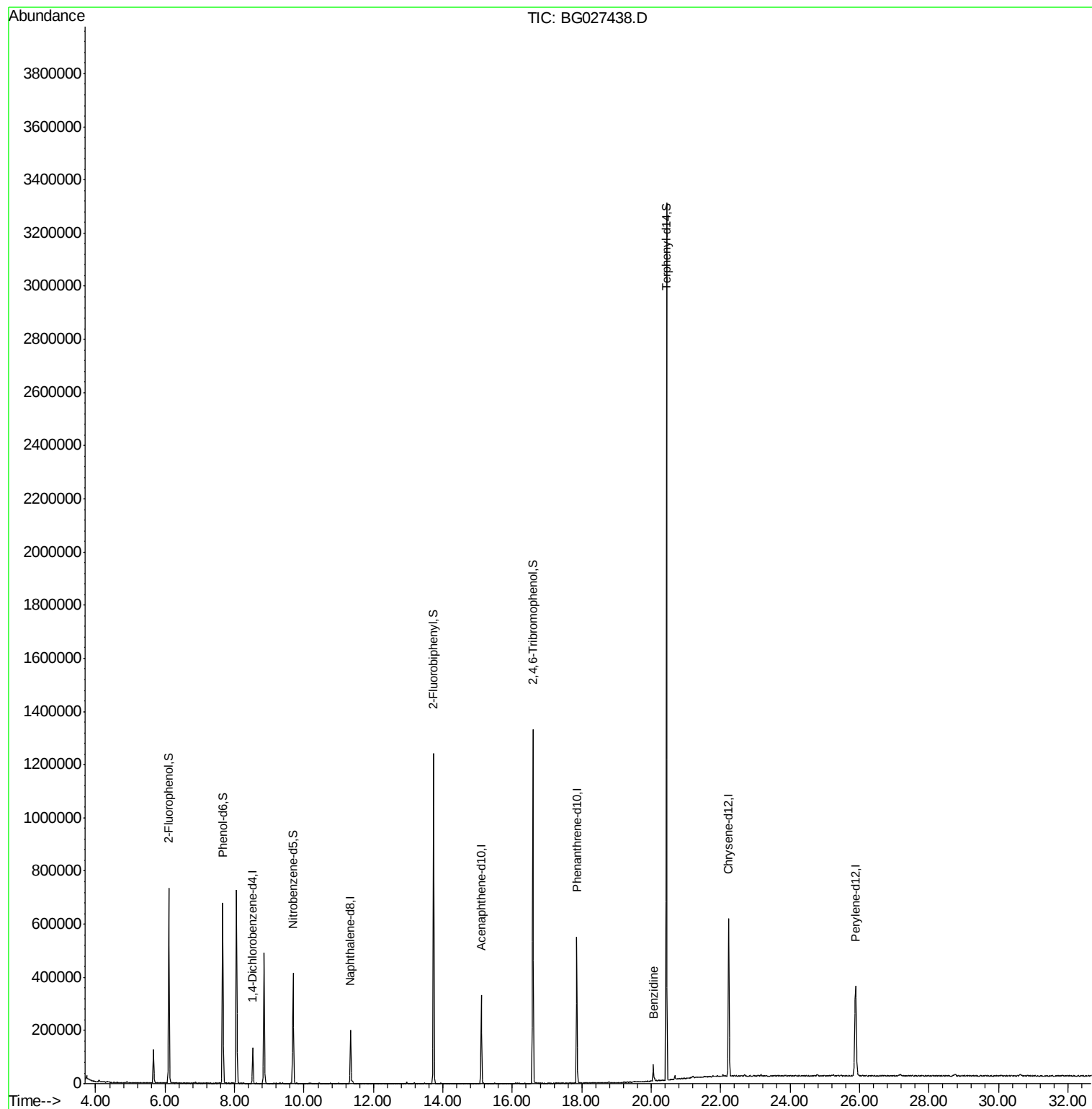
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	37703	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	172794	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	114253	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	340491	20.00	ng	0.00
75) Chrysene-d12	22.23	240	399077	20.00	ng	0.00
86) Perylene-d12	25.88	264	384556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	325685	122.08	ng	0.00
7) Phenol-d6	7.66	99	429735	104.81	ng	0.00
23) Nitrobenzene-d5	9.68	82	283472	83.64	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	268239	156.43	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	644001	81.43	ng	0.00
78) Terphenyl-d14	20.44	244	1456598	93.55	ng	0.00
Target Compounds						
76) Benzidine	20.06	184	41115	4.70	ng	Qvalue 96

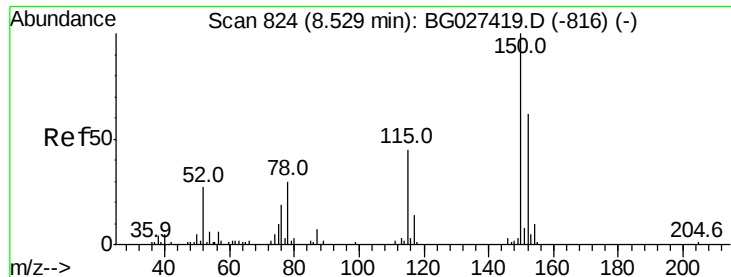
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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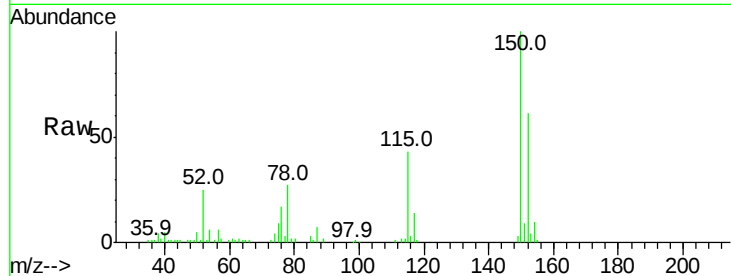


#1

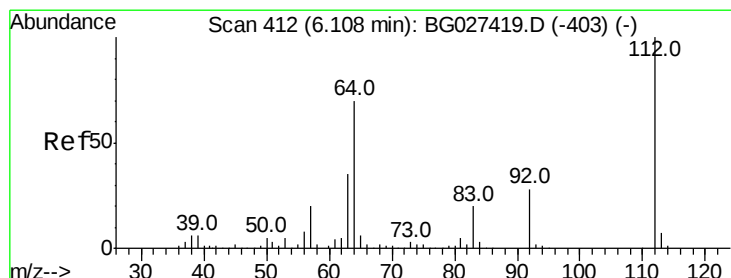
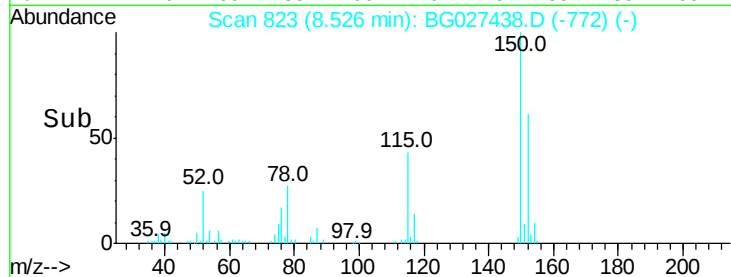
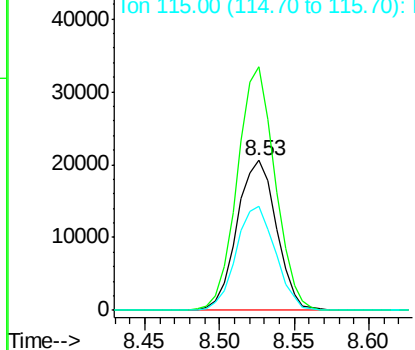
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.53 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027438.D
Acq: 15 Jun 2017 5:45

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

Tot Ion:152 Resp: 37703
Ion Ratio Lower Upper
152 100
150 162.8 114.0 171.0
115 69.4 48.1 72.1



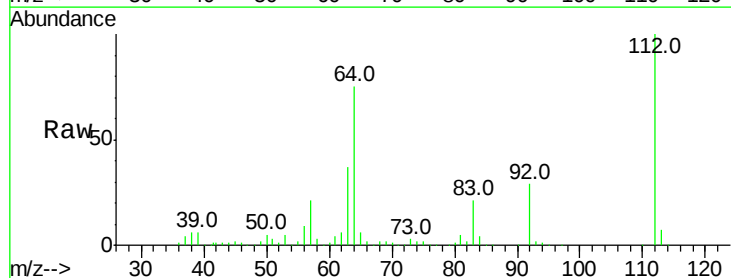
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



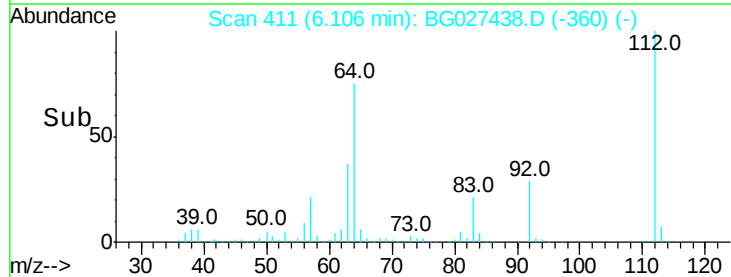
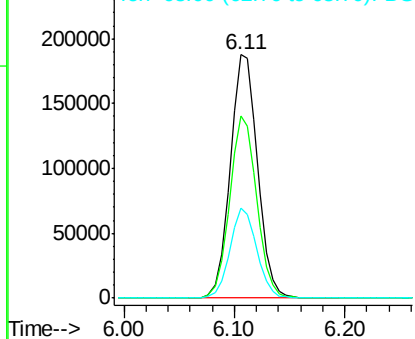
#5

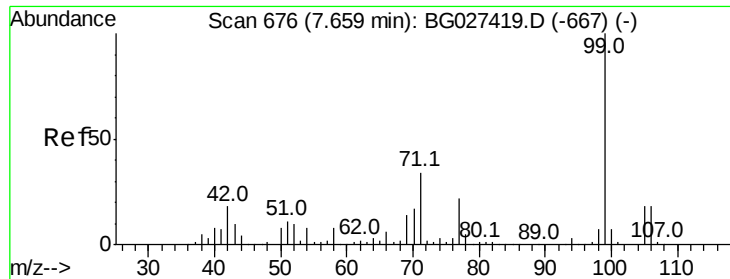
2-Fluorophenol
Concen: 122.08 ng
RT: 6.11 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027438.D
Acq: 15 Jun 2017 5:45

Tgt Ion:112 Resp: 325685
Ion Ratio Lower Upper
112 100
64 74.9 61.8 92.6
63 36.8 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: 104.81 ng

RT: 7.66 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027438.D

Acq: 15 Jun 2017 5:45

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-E

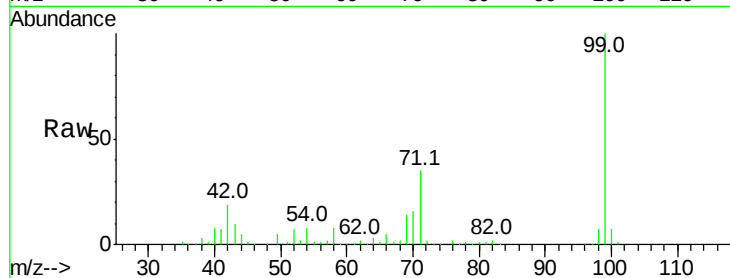
Tot Ion: 99 Resp: 429735

Ion Ratio Lower Upper

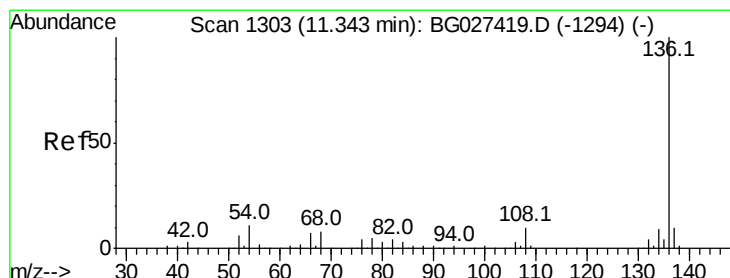
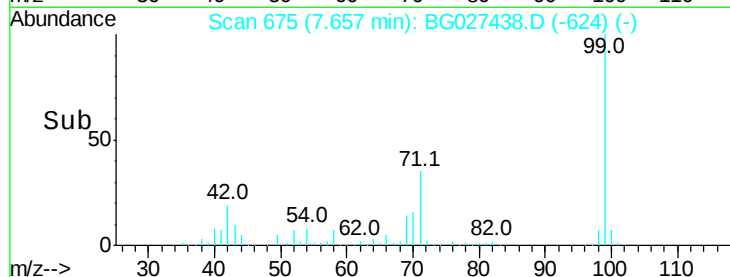
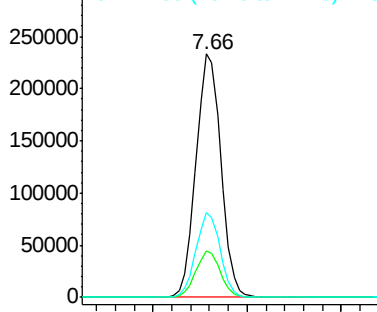
99 100

42 19.0 20.5 30.7#

71 34.7 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# 1302

Delta R.T. -0.00 min

Lab File: BG027438.D

Acq: 15 Jun 2017 5:45

Tgt Ion: 136 Resp: 172794

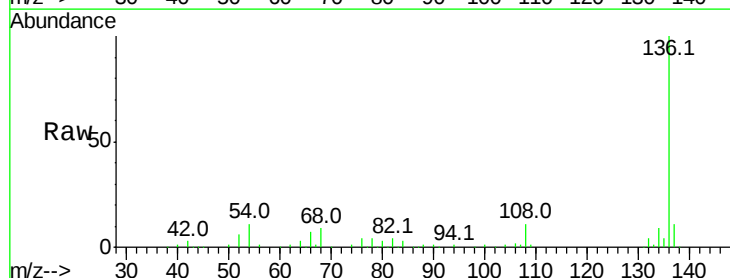
Ion Ratio Lower Upper

136 100

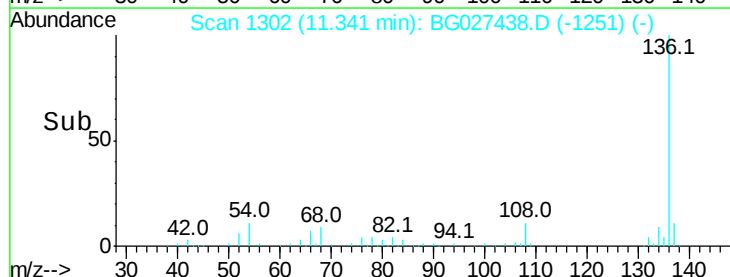
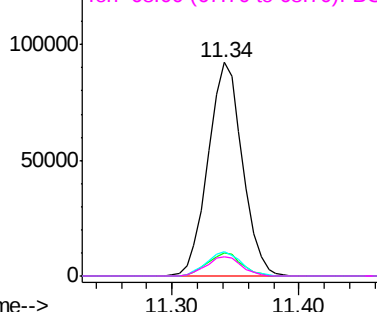
137 11.1 8.9 13.3

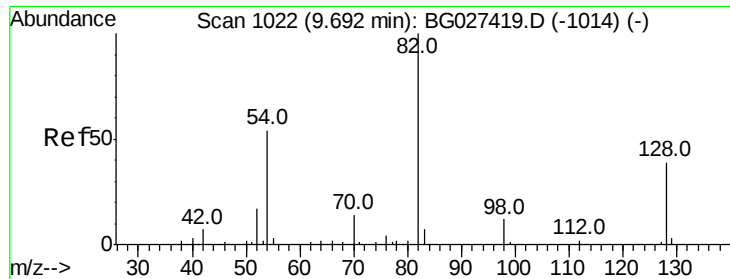
54 11.4 9.3 13.9

68 8.9 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

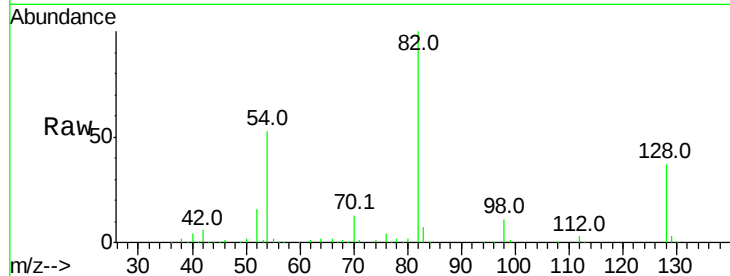




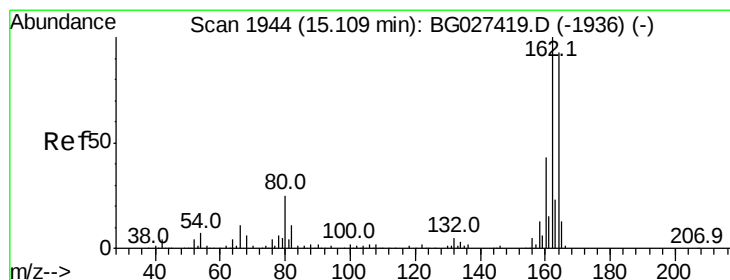
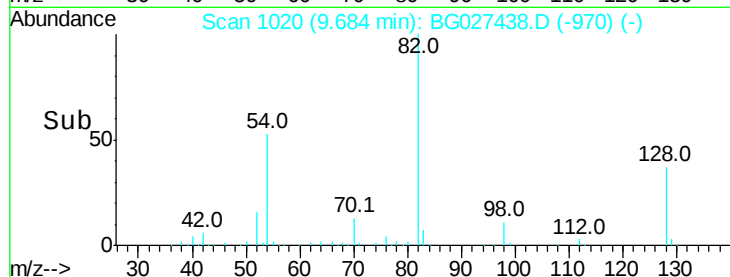
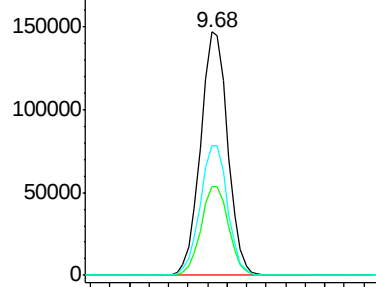
#23
Nitrobenzene-d5
Concen: 83.64 ng
RT: 9.68 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027438.D
Acq: 15 Jun 2017 5:45

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.4	39.6
54	53.4	49.4	74.2

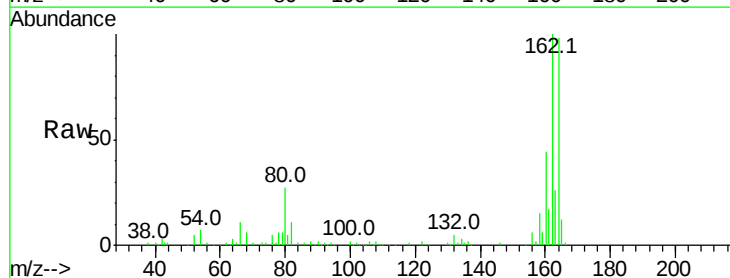


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

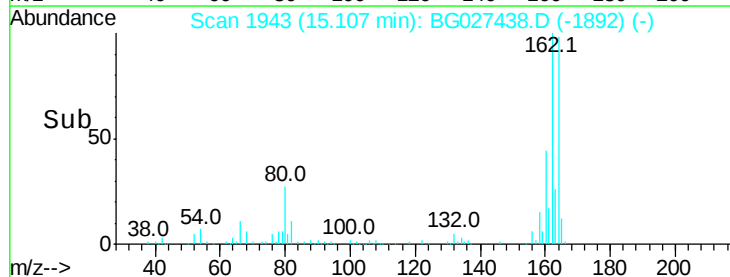
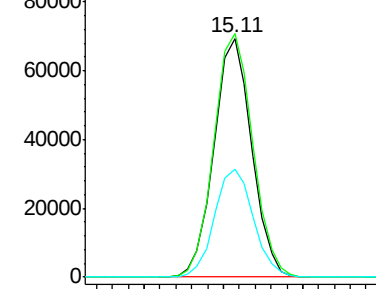


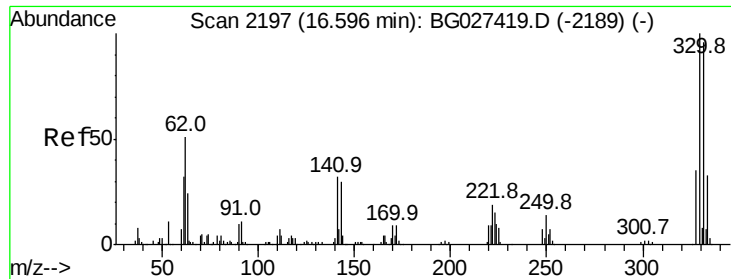
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.11 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG027438.D
Acq: 15 Jun 2017 5:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	85.1	127.7
160	45.3	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

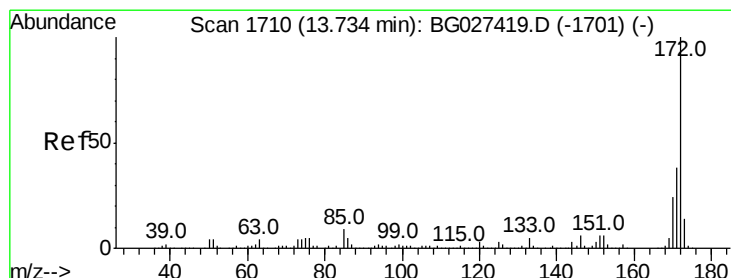
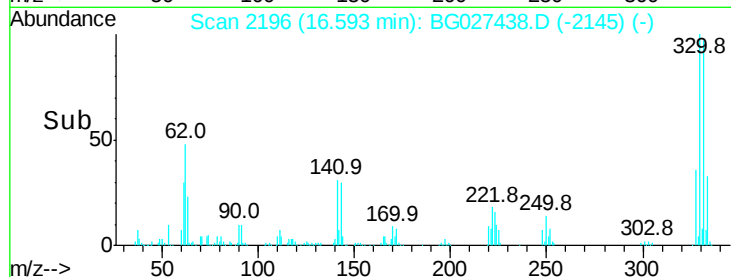
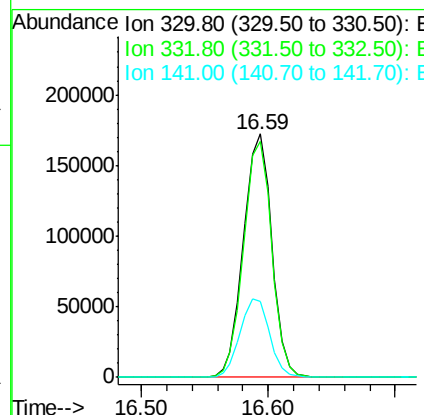
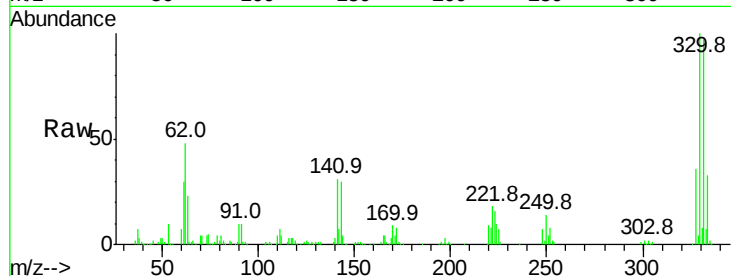




#41
 2,4,6-Tribromophenol
 Concen: 156.43 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027438.D
 Acq: 15 Jun 2017 5:45

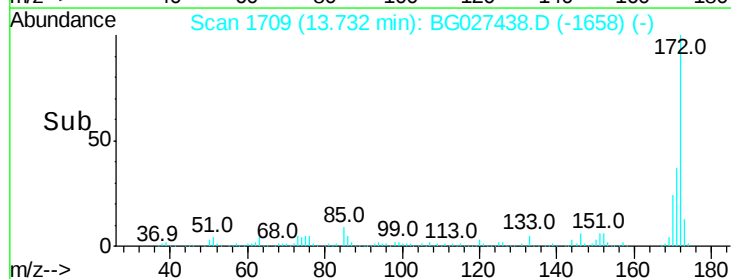
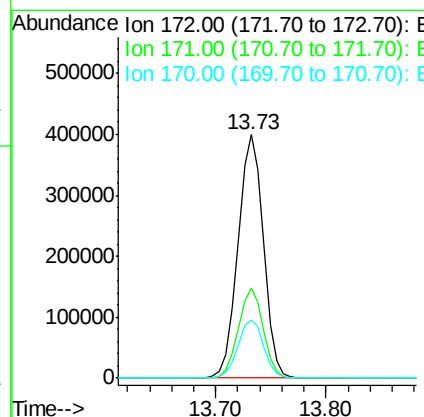
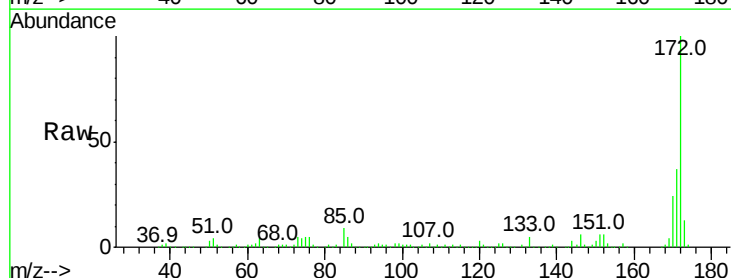
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-061217-E

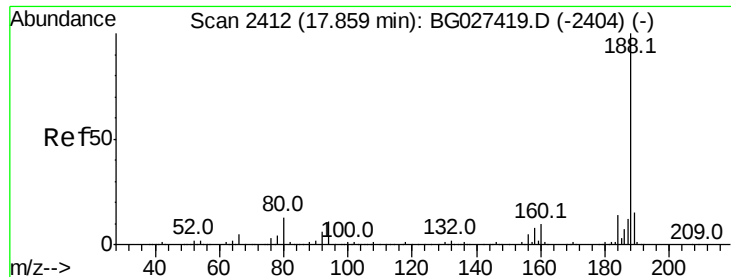
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.4	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 81.43 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027438.D
 Acq: 15 Jun 2017 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	24.1	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.86 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG027438.D

Acq: 15 Jun 2017 5:45

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-E

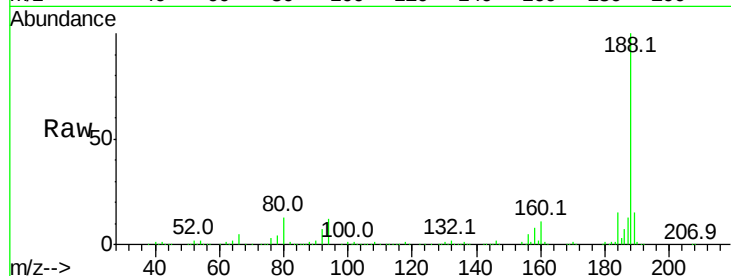
Tot Ion:188 Resp: 340491

Ion Ratio Lower Upper

188 100

94 11.9 5.8 8.8#

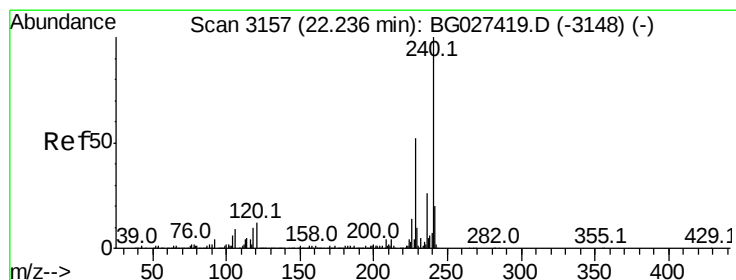
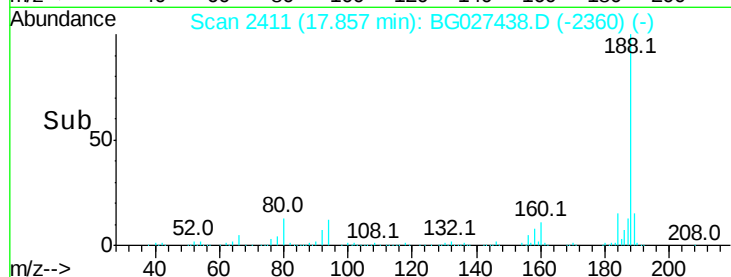
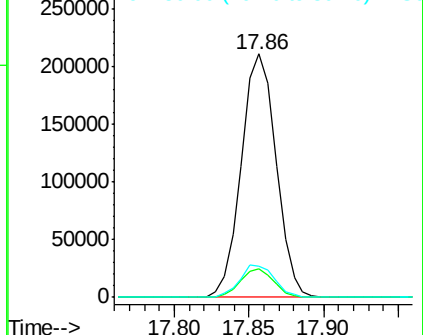
80 12.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG027438.D

Acq: 15 Jun 2017 5:45

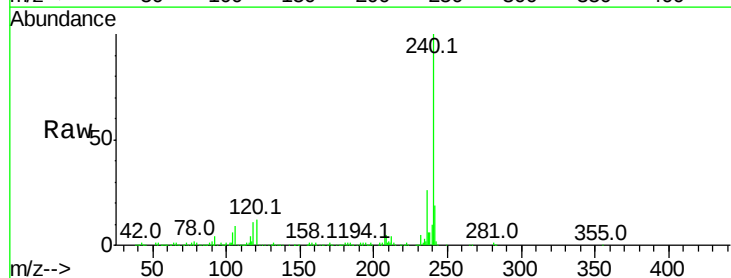
Tgt Ion:240 Resp: 399077

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

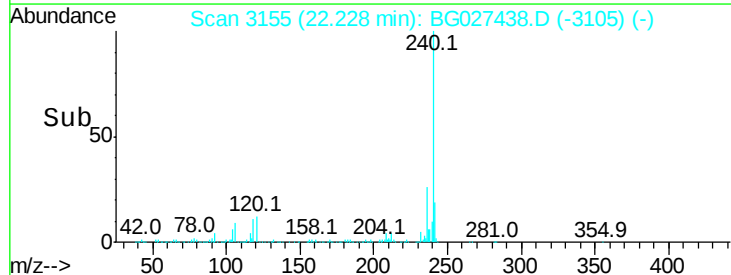
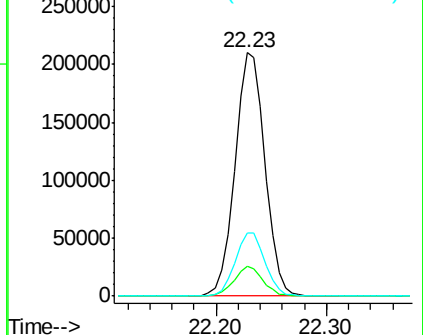
236 26.2 22.2 33.4

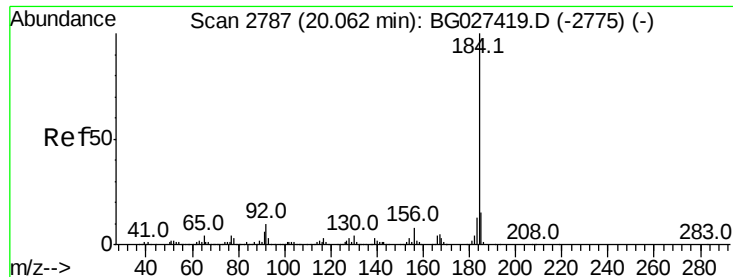


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.70 ng

RT: 20.06 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG027438.D

Acq: 15 Jun 2017 5:45

Instrument :

BNA_G

ClientSampleId :

CL-02-061217-E

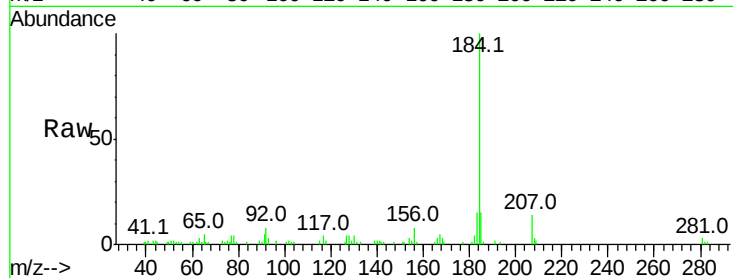
Tot Ion:184 Resp: 41115

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

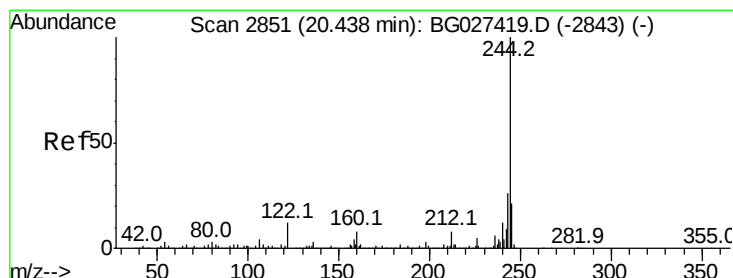
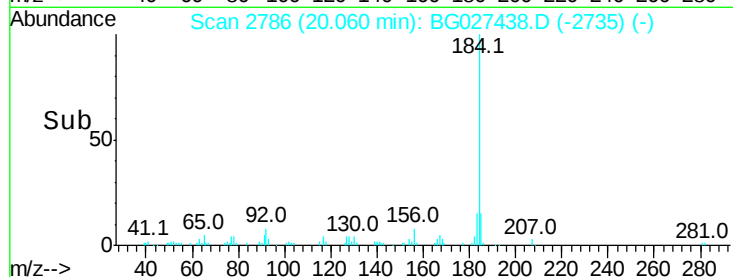
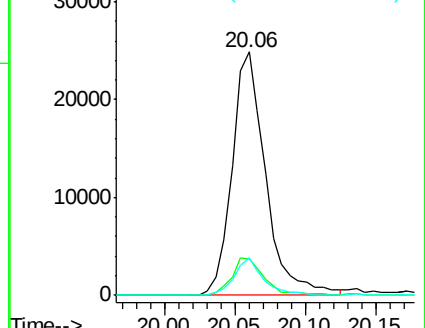
183 15.4 11.0 16.6



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: 93.55 ng

RT: 20.44 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027438.D

Acq: 15 Jun 2017 5:45

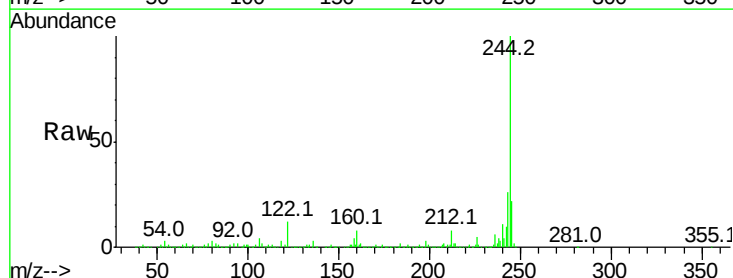
Tgt Ion:244 Resp: 1456598

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

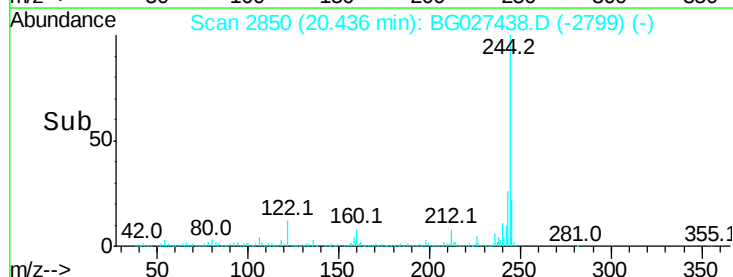
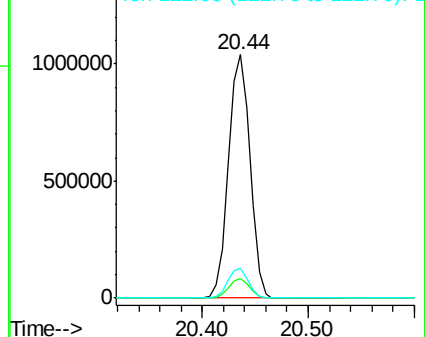
122 12.1 8.6 12.8

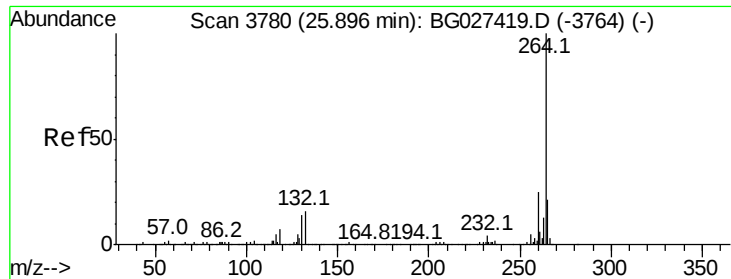


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.88 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BG027438.D
Acq: 15 Jun 2017 5:45

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	22.3	18.2	27.4

