

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061217\
 Data File : BG027386.D
 Acq On : 12 Jun 2017 22:08
 Operator : SJ/MA
 Sample : I3587-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 03:54:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

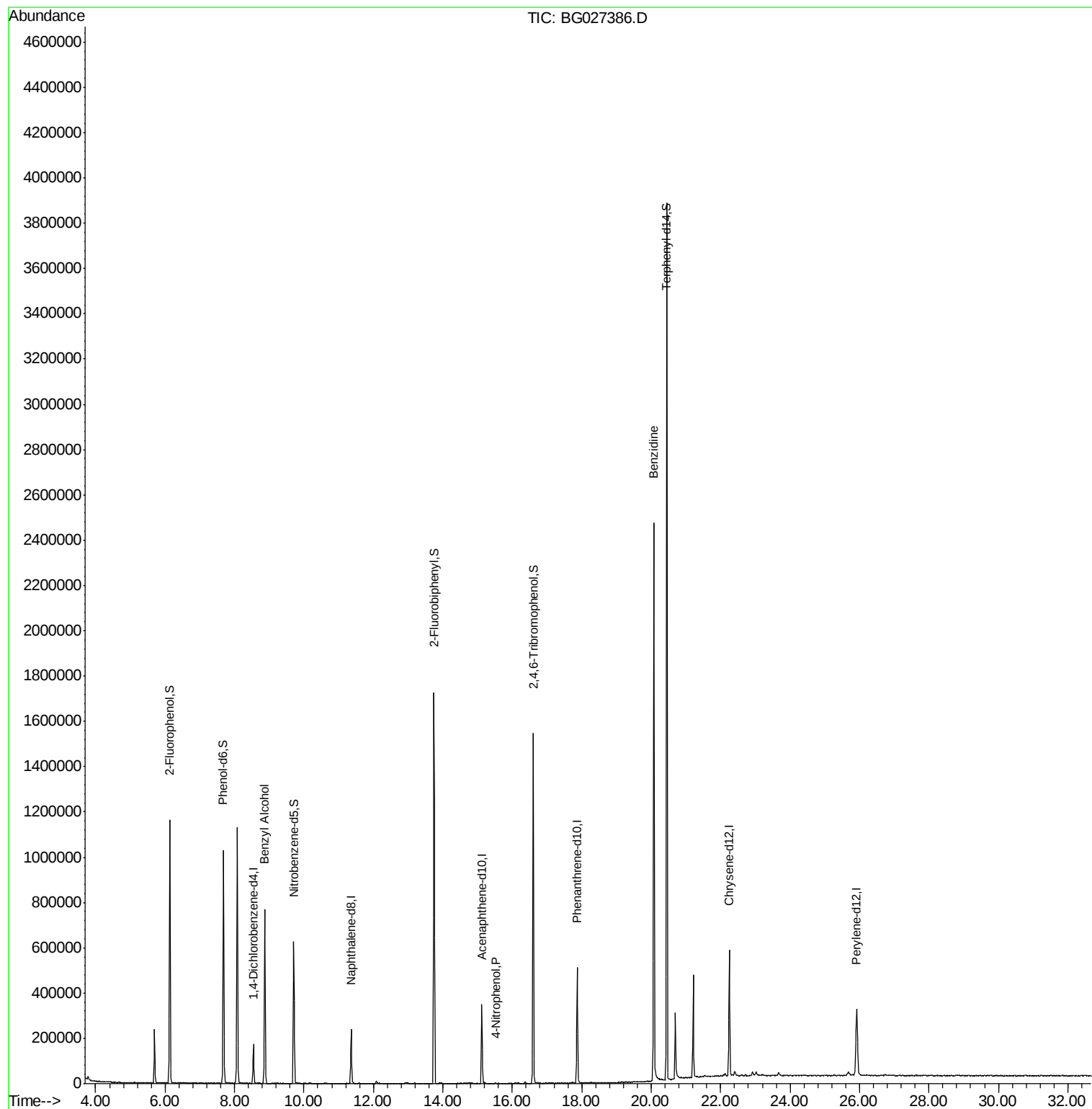
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	48720	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	209298	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	122319	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	318929	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	383503	20.00	ng	-0.06
86) Perylene-d12	25.92	264	362682	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	520054	162.89	ng	-0.02
7) Phenol-d6	7.68	99	668901	142.73	ng	-0.02
23) Nitrobenzene-d5	9.71	82	424052	127.42	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	311606	193.46	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	923368	105.61	ng	-0.04
78) Terphenyl-d14	20.45	244	1736671	115.52	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.87	79	7611	2.30	ng	# 49
55) 4-Nitrophenol	15.52	139	662	6.46	ng	# 1
76) Benzidine	20.08	184	1458027	126.21	ng	99

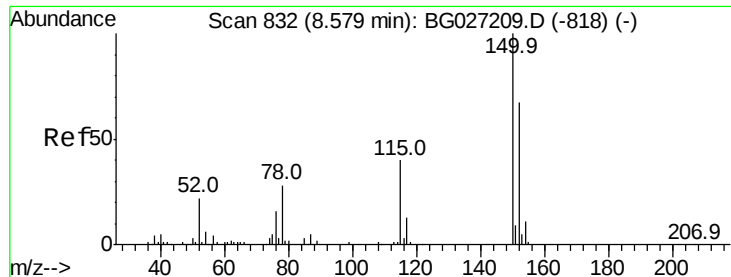
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027386.D

Acq: 12 Jun 2017 22:08

Instrument :

BNA_G

ClientSampleId :

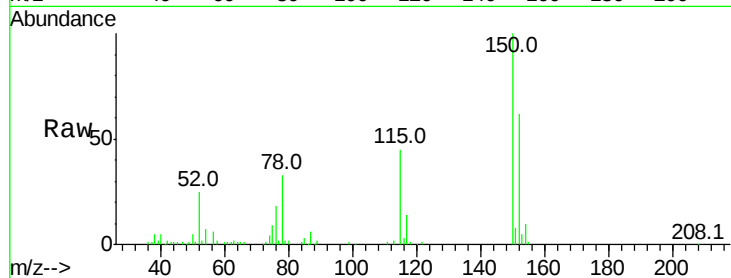
Tot Ion:152 Resp: 48720

Ion Ratio Lower Upper

152 100

150 160.8 114.0 171.0

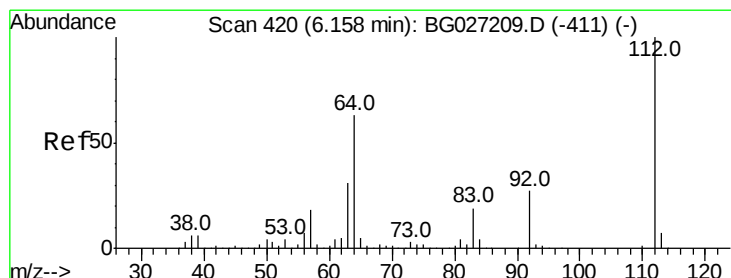
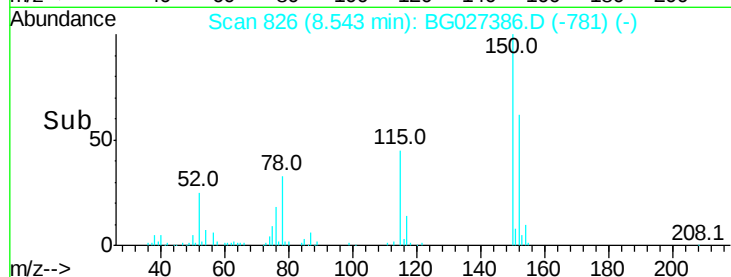
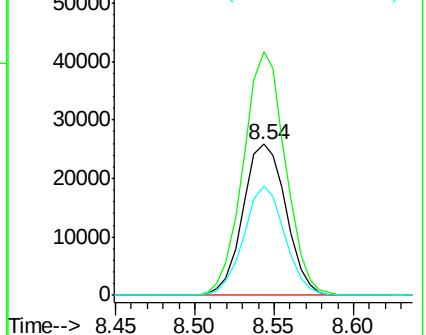
115 72.0 48.1 72.1



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: 162.89 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027386.D

Acq: 12 Jun 2017 22:08

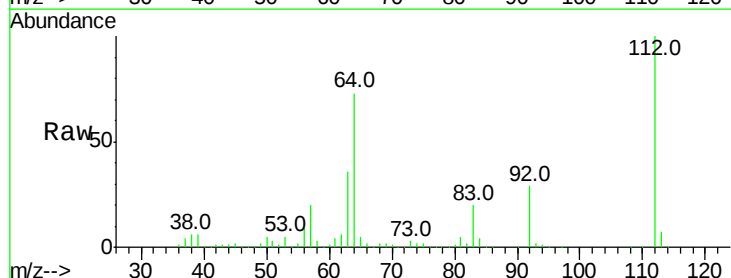
Tgt Ion:112 Resp: 520054

Ion Ratio Lower Upper

112 100

64 72.5 61.8 92.6

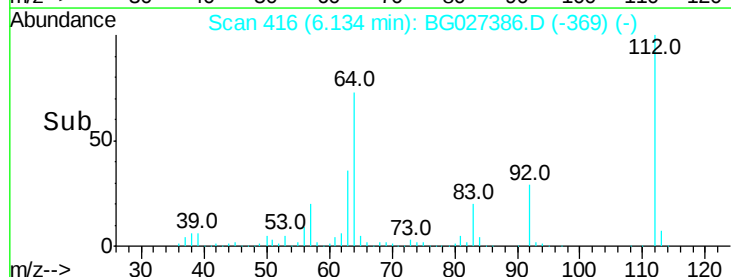
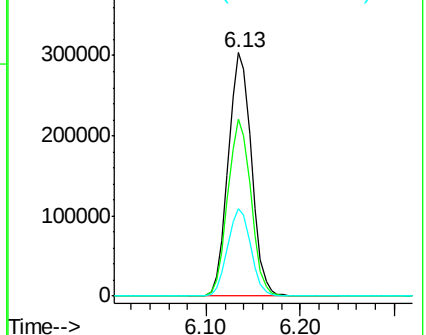
63 35.7 37.2 55.8#

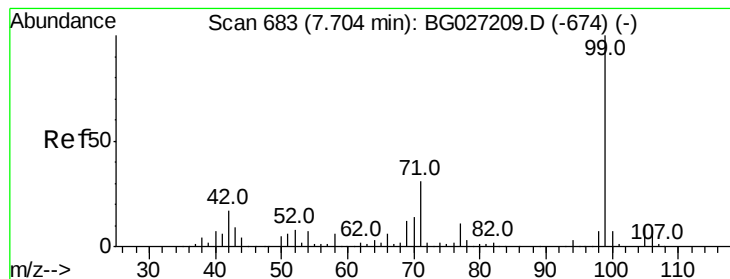


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.73 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027386.D

Acq: 12 Jun 2017 22:08

Instrument :

BNA_G

ClientSampled :

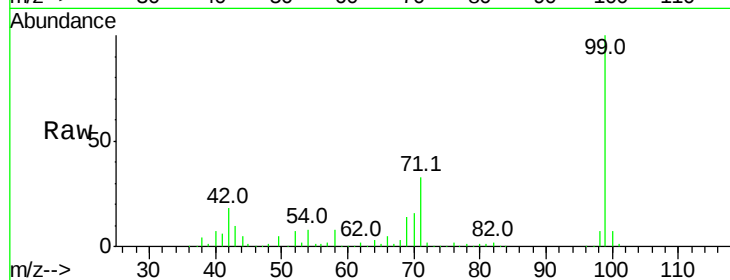
Tot Ion: 99 Resp: 668901

Ion Ratio Lower Upper

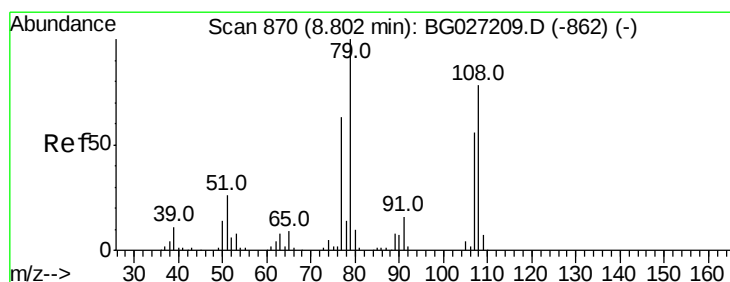
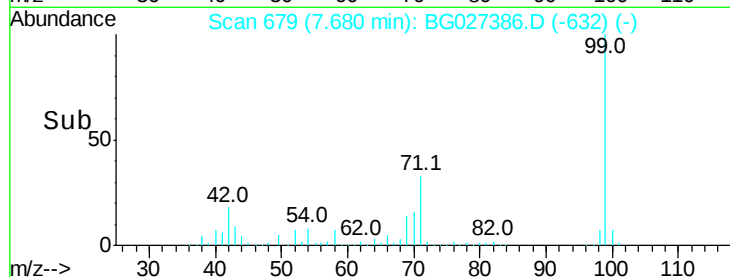
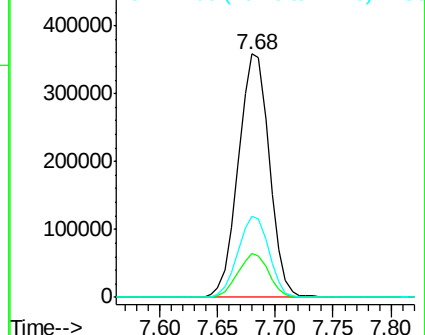
99 100

42 18.3 20.5 30.7#

71 33.3 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



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 8.87 min Scan# 881

Delta R.T. 0.06 min

Lab File: BG027386.D

Acq: 12 Jun 2017 22:08

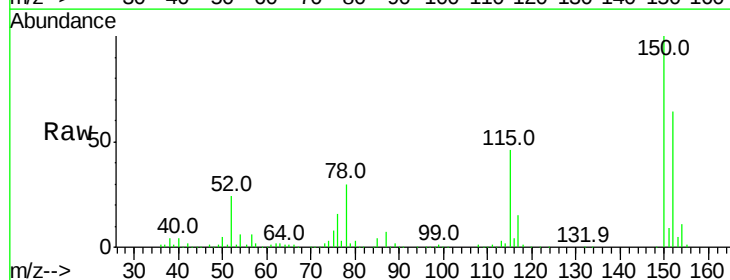
Tgt Ion: 79 Resp: 7611

Ion Ratio Lower Upper

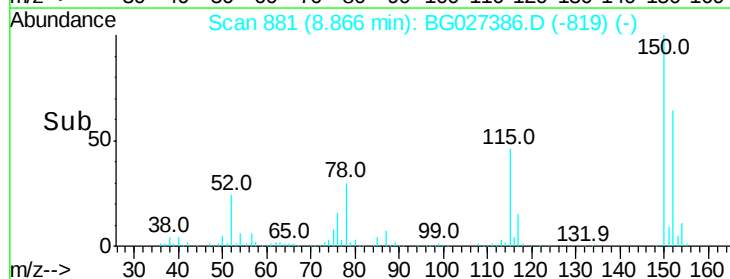
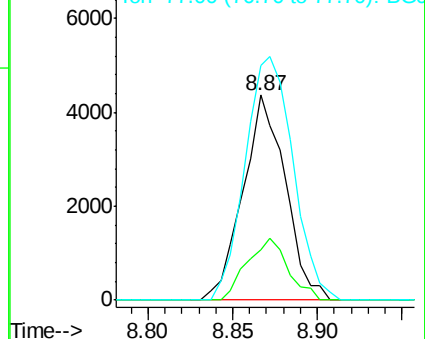
79 100

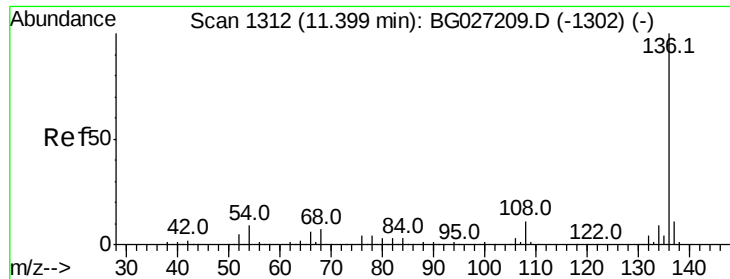
108 24.4 45.5 68.3#

77 114.2 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

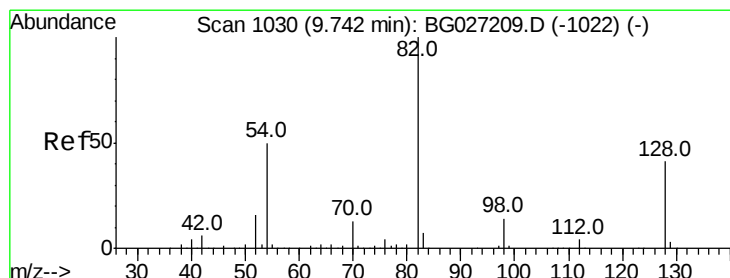
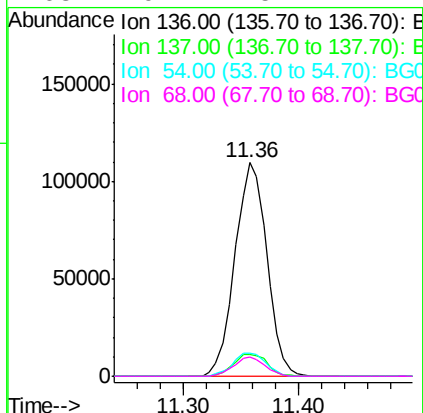
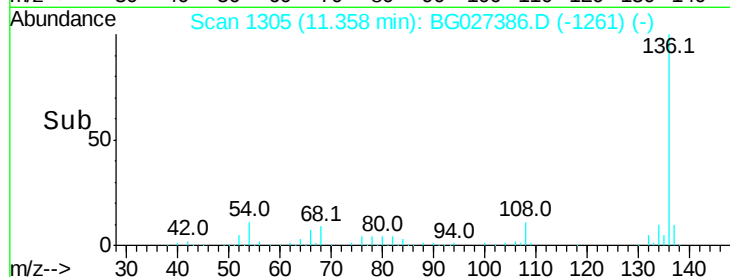
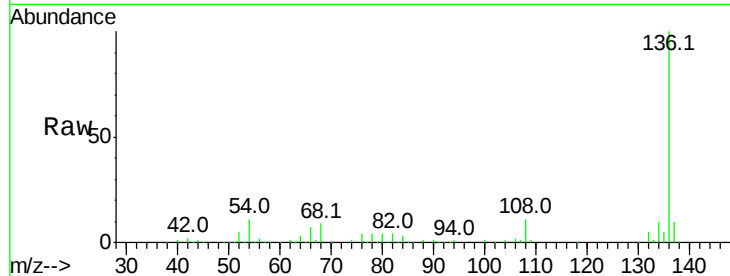




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027386.D
Acq: 12 Jun 2017 22:08

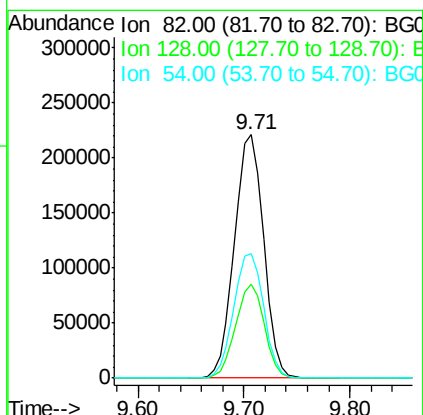
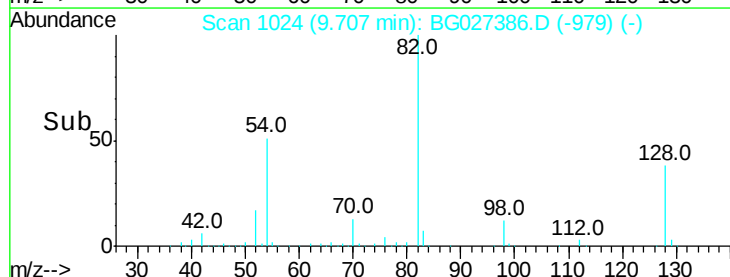
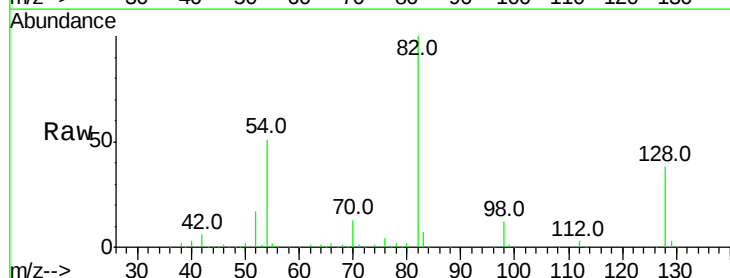
Instrument :
BNA_G
ClientSampleId :

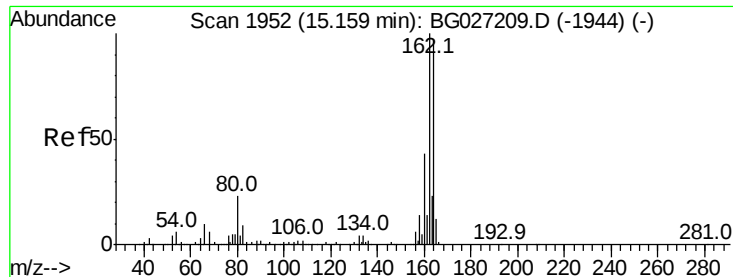
Tot Ion:	136	Resp:	209298
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.0	9.3	13.9
68	9.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 127.42 ng
RT: 9.71 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027386.D
Acq: 12 Jun 2017 22:08

Tgt Ion:	82	Resp:	424052
Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	51.1	49.4	74.2

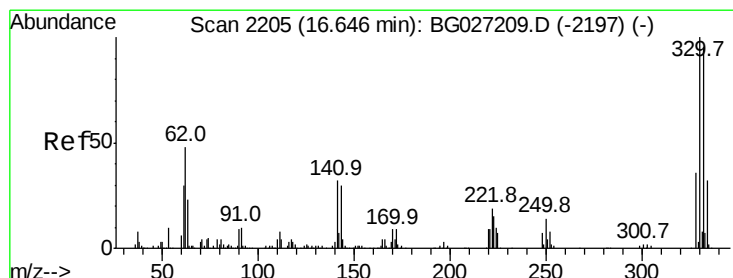
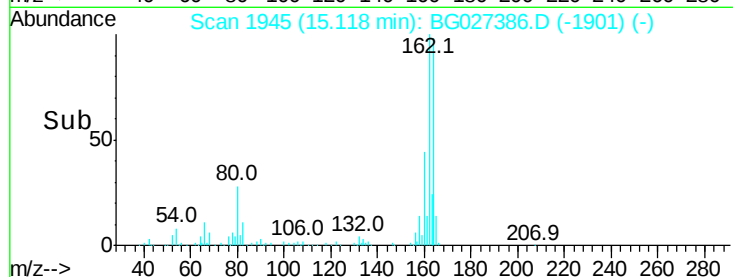
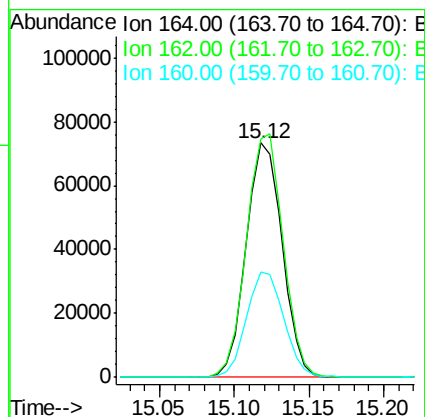
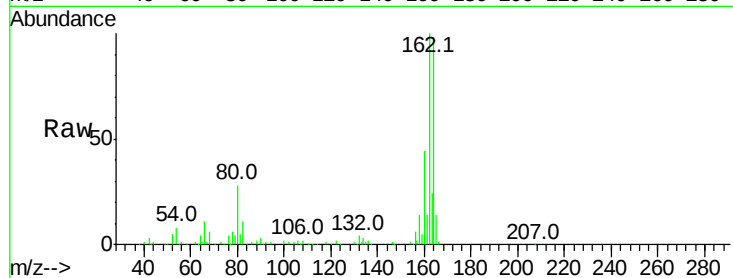




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG027386.D
Acq: 12 Jun 2017 22:08

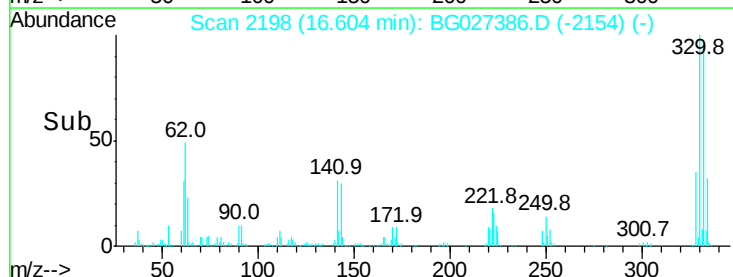
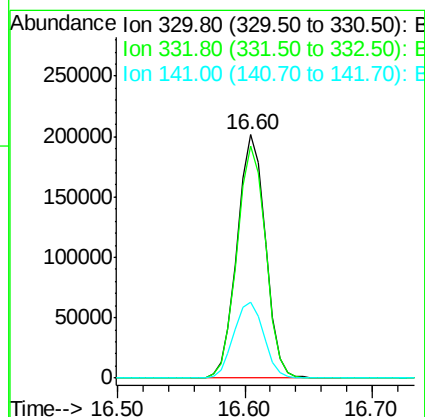
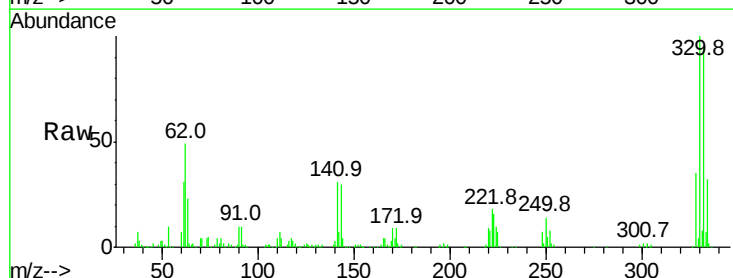
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 122319
Ion Ratio Lower Upper
164 100
162 101.7 85.1 127.7
160 44.9 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 193.46 ng
RT: 16.60 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BG027386.D
Acq: 12 Jun 2017 22:08

Tgt Ion:330 Resp: 311606
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.1 32.1 48.1

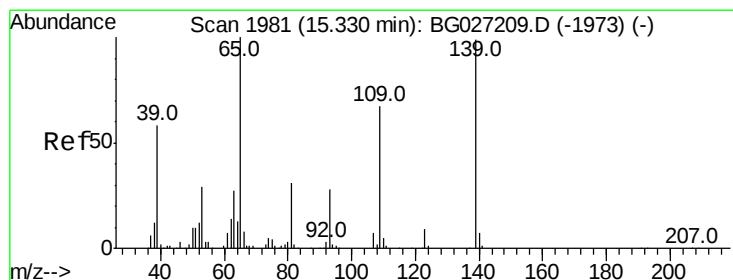
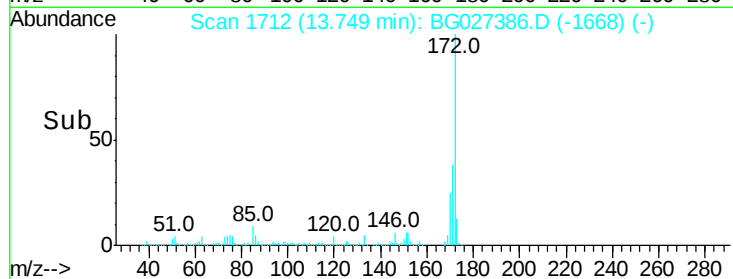
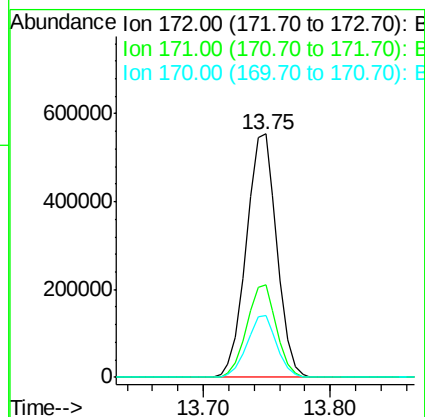
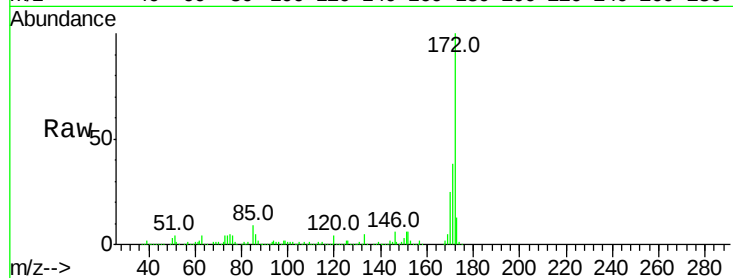




#44
2-Fluorobiphenyl
Concen: 105.61 ng
RT: 13.75 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BG027386.D
Acq: 12 Jun 2017 22:08

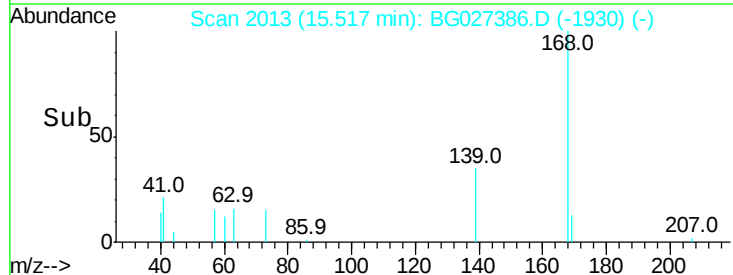
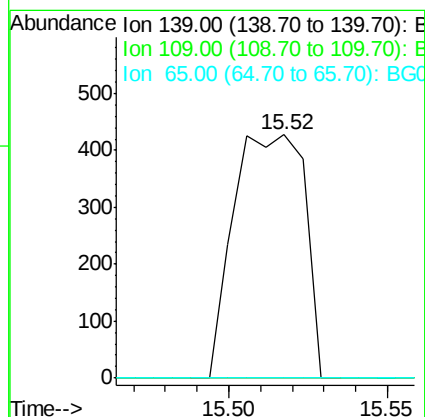
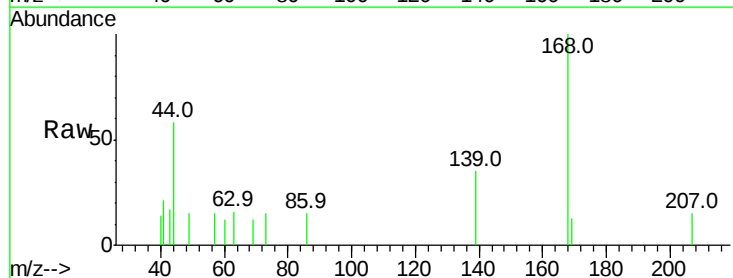
Instrument :
BNA_G
ClientSampleId :

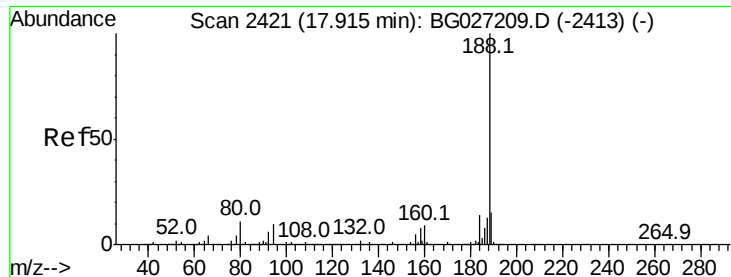
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	25.2	21.8	32.6



#55
4-Nitrophenol
Concen: 6.46 ng
RT: 15.52 min Scan# 2013
Delta R.T. 0.19 min
Lab File: BG027386.D
Acq: 12 Jun 2017 22:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.87 min Scan# 2413

Delta R.T. -0.05 min

Lab File: BG027386.D

Acq: 12 Jun 2017 22:08

Instrument :

BNA_G

ClientSampled :

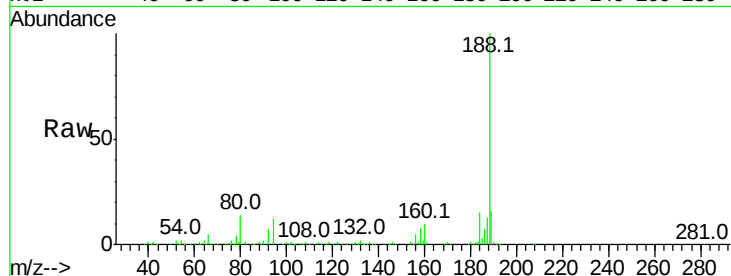
Tot Ion:188 Resp: 318929

Ion Ratio Lower Upper

188 100

94 11.7 5.8 8.8#

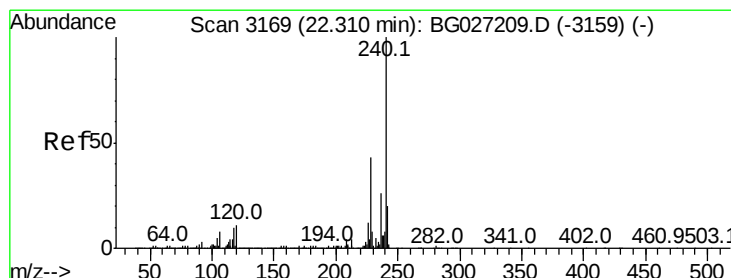
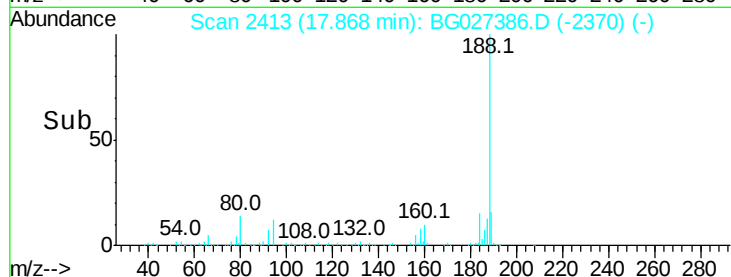
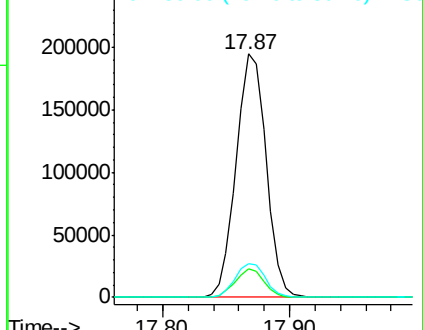
80 14.0 7.5 11.3#



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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027386.D

Acq: 12 Jun 2017 22:08

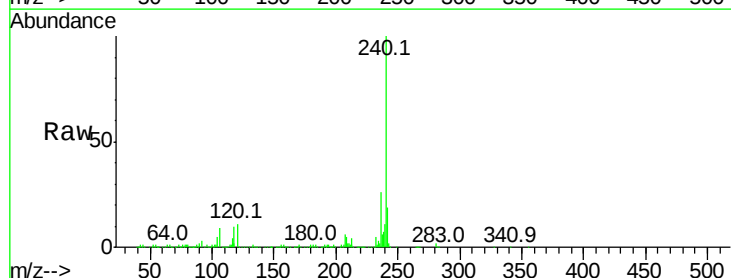
Tgt Ion:240 Resp: 383503

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

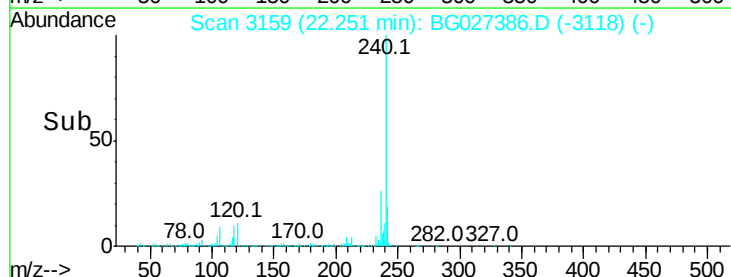
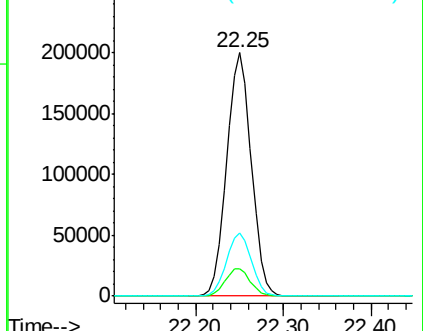
236 25.7 22.2 33.4

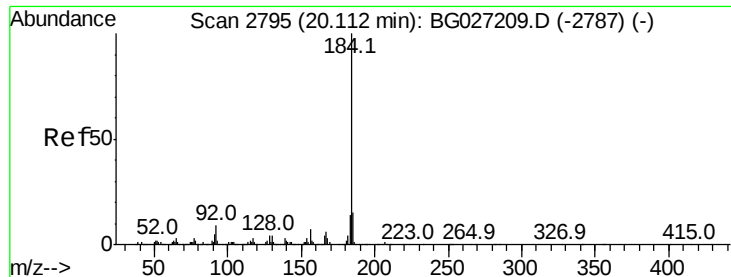


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 126.21 ng

RT: 20.08 min Scan# 2789

Delta R.T. -0.04 min

Lab File: BG027386.D

Acq: 12 Jun 2017 22:08

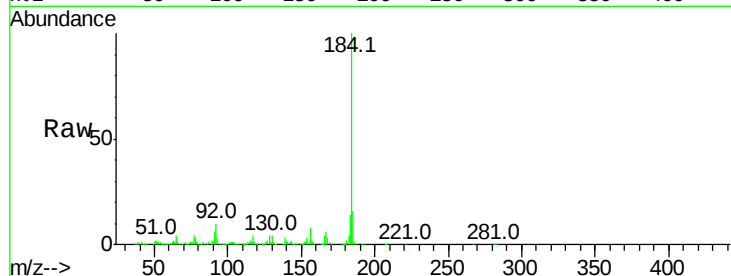
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 1458027

Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.0	19.6
183	14.2	11.0	16.6

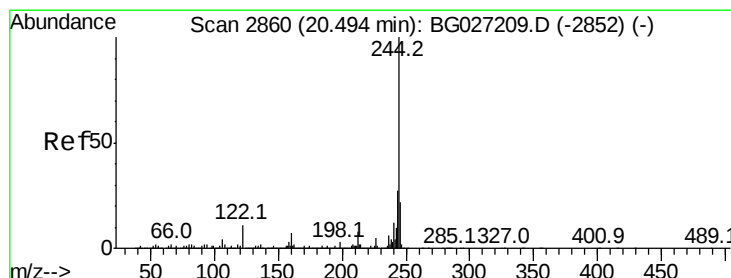
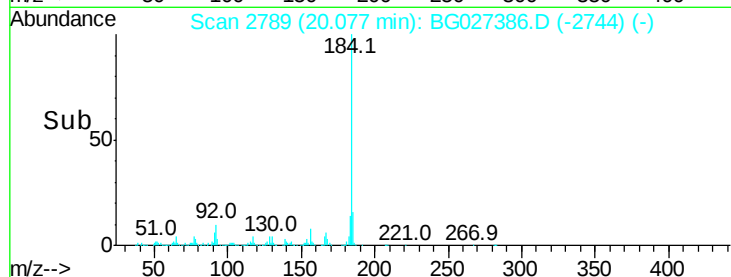
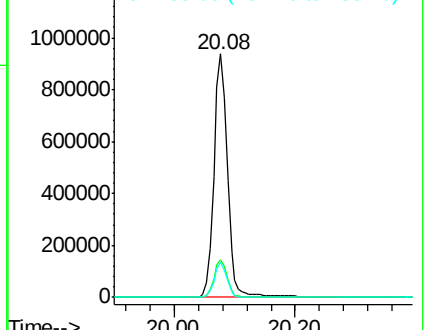


Abundance

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: 115.52 ng

RT: 20.45 min Scan# 2852

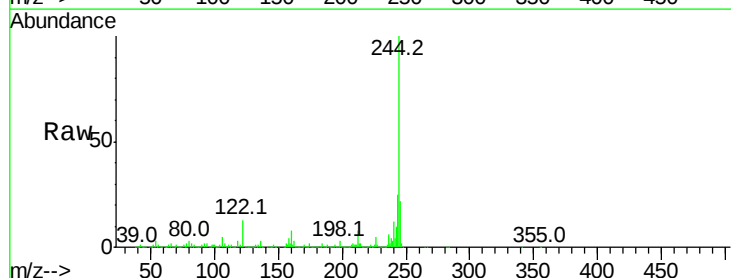
Delta R.T. -0.05 min

Lab File: BG027386.D

Acq: 12 Jun 2017 22:08

Tgt Ion:244 Resp: 1736671

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	12.5	8.6	12.8

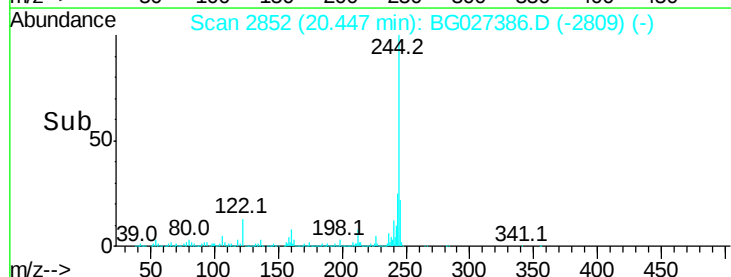
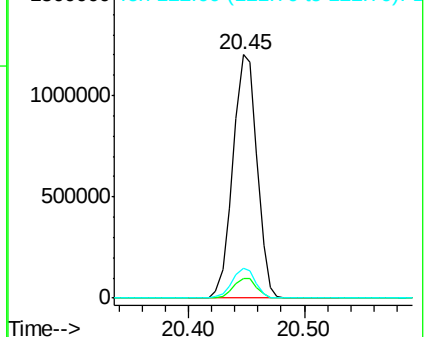


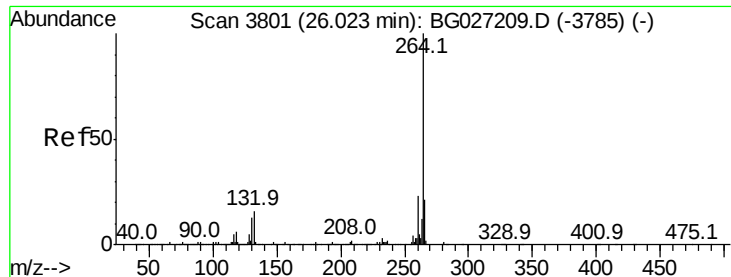
Abundance

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

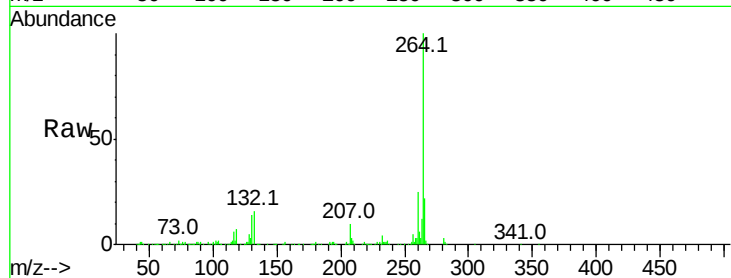




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.92 min Scan# 3783
Delta R.T. -0.11 min
Lab File: BG027386.D
Acq: 12 Jun 2017 22:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	22.2	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

