

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027461.D
 Acq On : 16 Jun 2017 3:38
 Operator : SJ/MA
 Sample : I3684-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 04:57:23 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

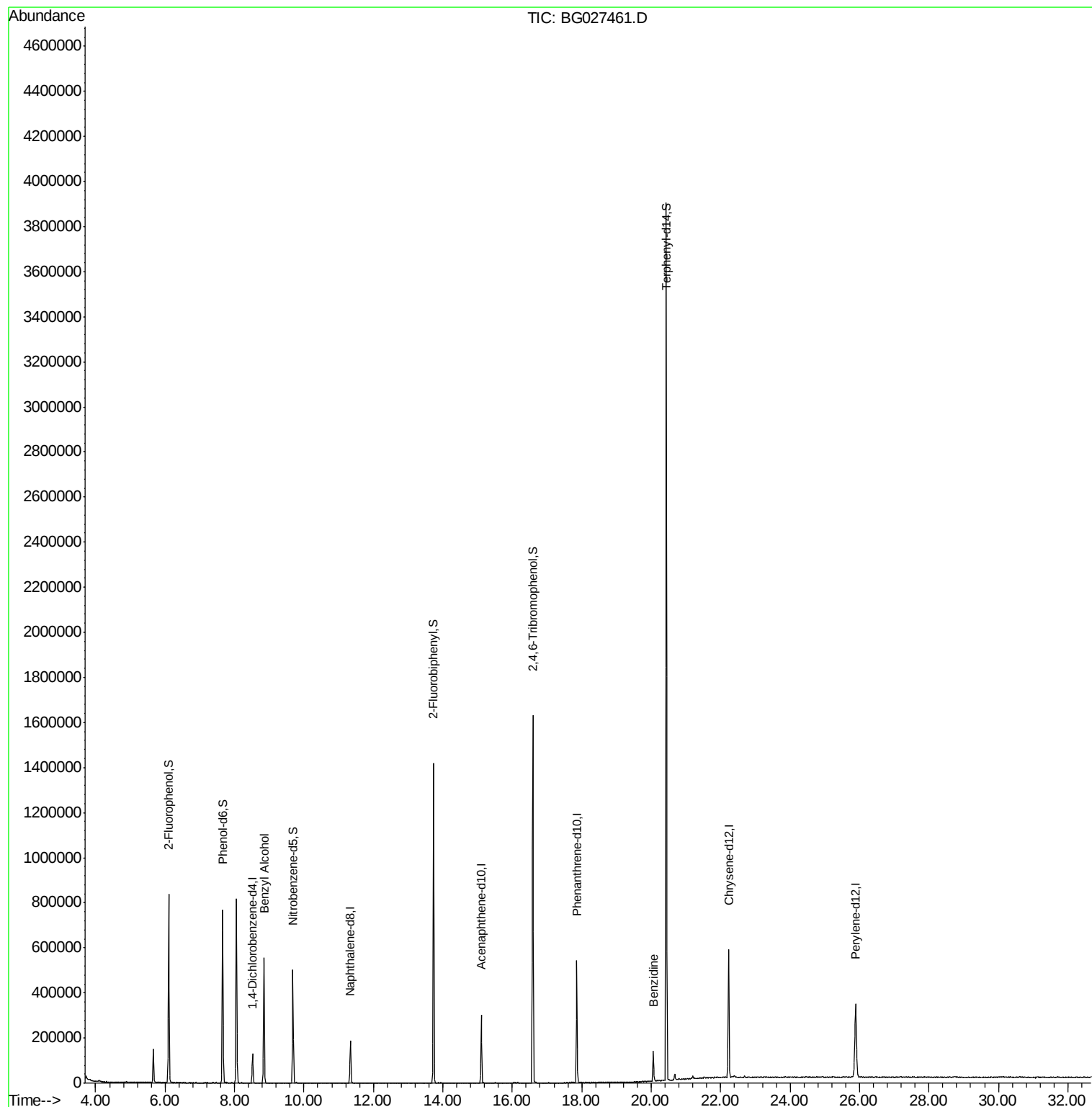
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	35777	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	159885	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	103005	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	330064	20.00	ng	0.00
75) Chrysene-d12	22.23	240	388536	20.00	ng	0.00
86) Perylene-d12	25.89	264	371393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	365153	144.24	ng	0.00
7) Phenol-d6	7.66	99	470949	121.05	ng	0.00
23) Nitrobenzene-d5	9.68	82	330262	105.31	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	321017	207.65	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	732848	102.78	ng	0.00
78) Terphenyl-d14	20.43	244	1747739	115.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.85	79	5708	2.03	ng	Qvalue # 47
76) Benzidine	20.06	184	88061	10.34	ng	96

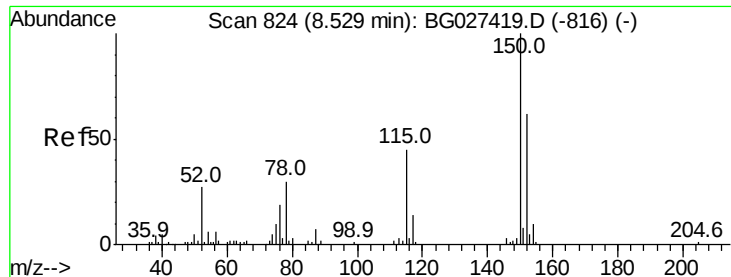
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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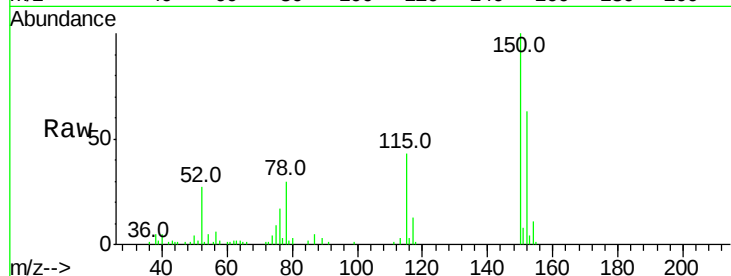


#1

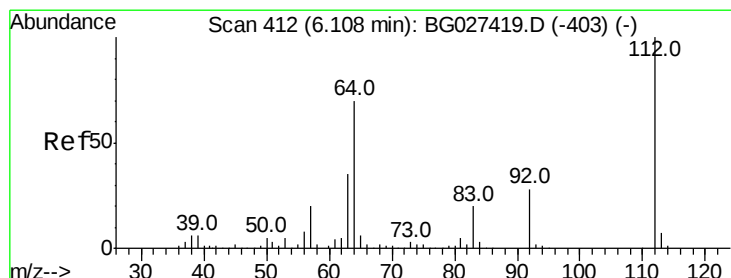
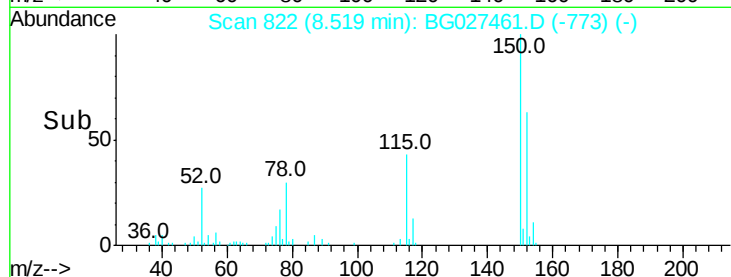
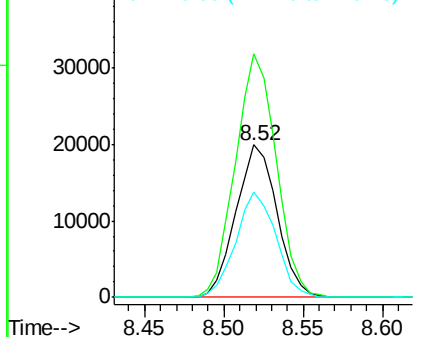
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027461.D
Acq: 16 Jun 2017 3:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35777
Ion Ratio Lower Upper
152 100
150 159.7 114.0 171.0
115 69.4 48.1 72.1



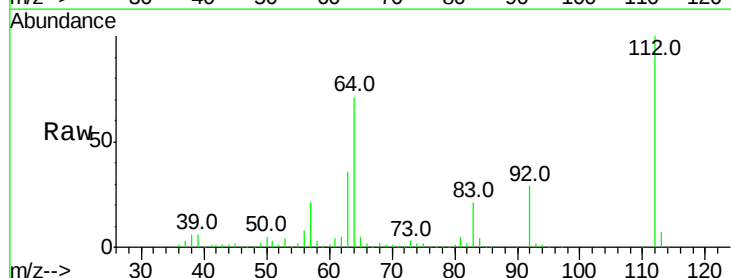
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



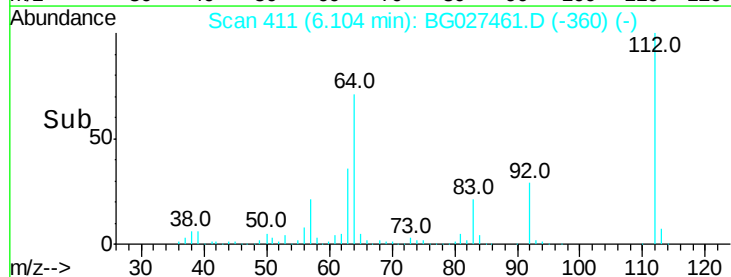
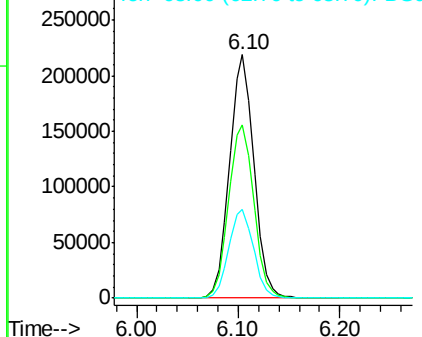
#5

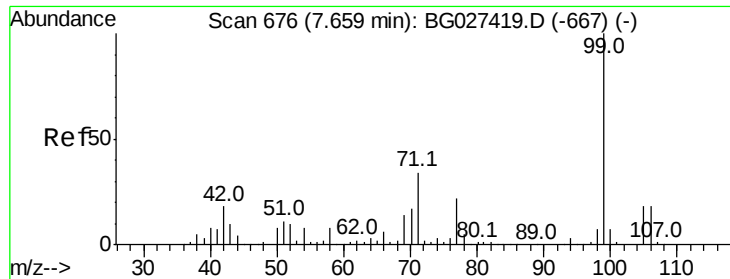
2-Fluorophenol
Concen: 144.24 ng
RT: 6.10 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027461.D
Acq: 16 Jun 2017 3:38

Tgt Ion:112 Resp: 365153
Ion Ratio Lower Upper
112 100
64 71.3 61.8 92.6
63 36.4 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.05 ng

RT: 7.66 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027461.D

Acq: 16 Jun 2017 3:38

Instrument :

BNA_G

ClientSampleId :

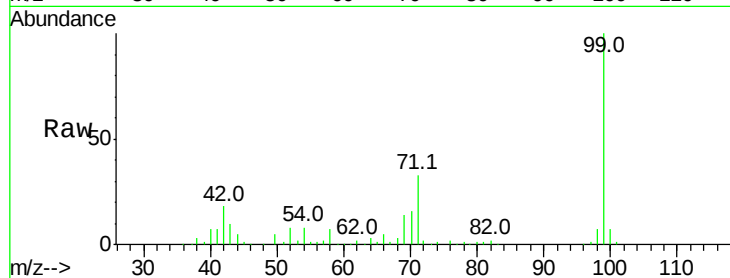
Tot Ion: 99 Resp: 470949

Ion Ratio Lower Upper

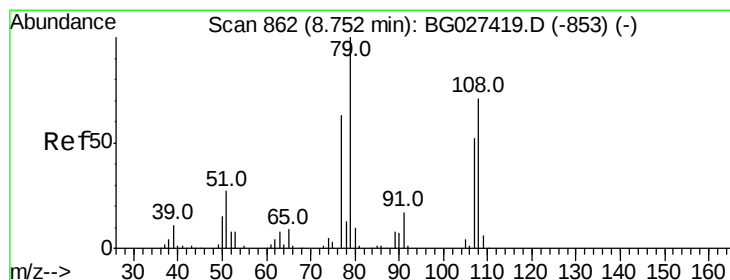
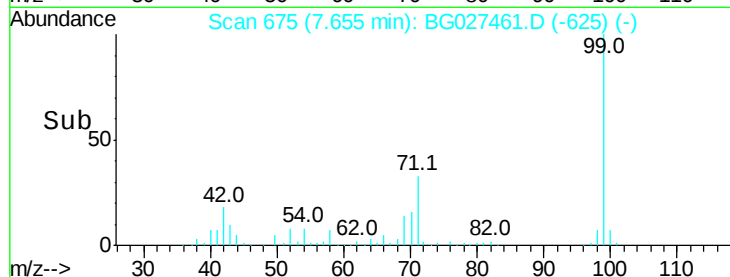
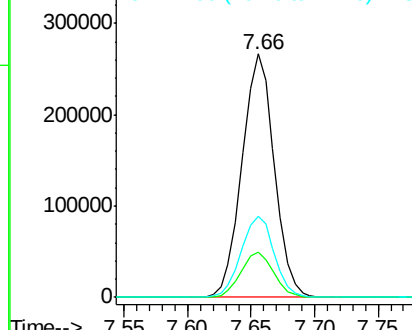
99 100

42 18.3 20.5 30.7#

71 33.1 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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.85 min Scan# 878

Delta R.T. 0.10 min

Lab File: BG027461.D

Acq: 16 Jun 2017 3:38

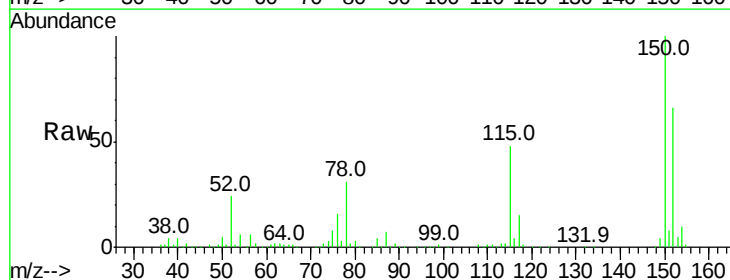
Tgt Ion: 79 Resp: 5708

Ion Ratio Lower Upper

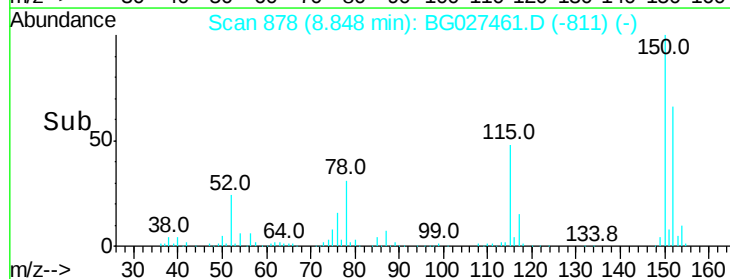
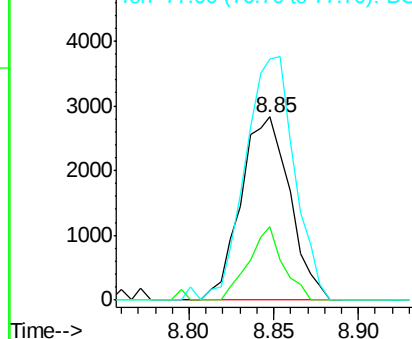
79 100

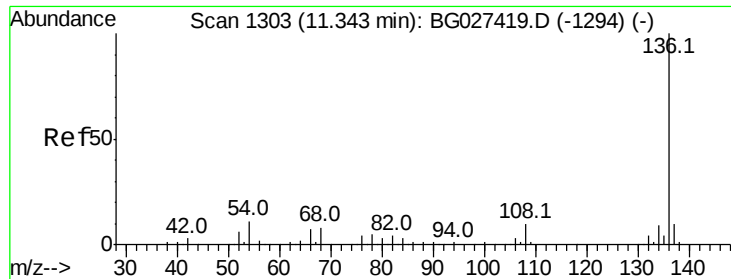
108 40.3 45.5 68.3#

77 131.6 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

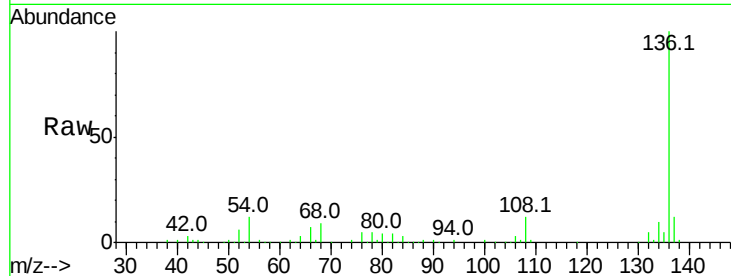




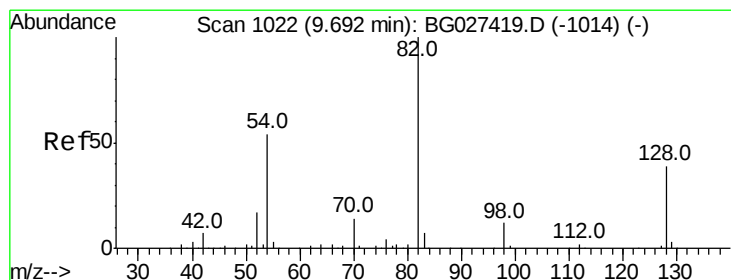
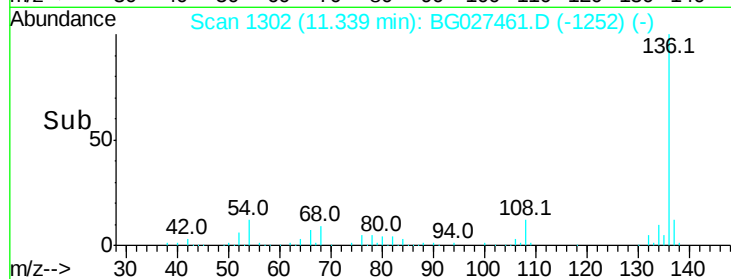
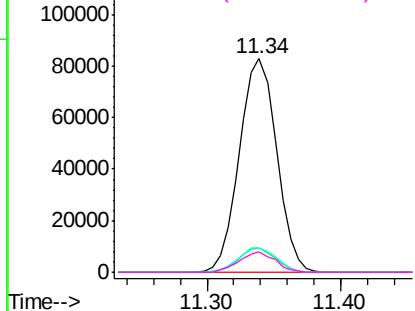
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG027461.D
Acq: 16 Jun 2017 3:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	159885
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	11.6	9.3	13.9
68	9.4	5.1	7.7#

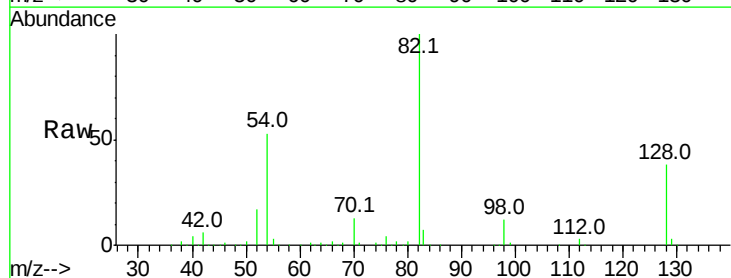


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

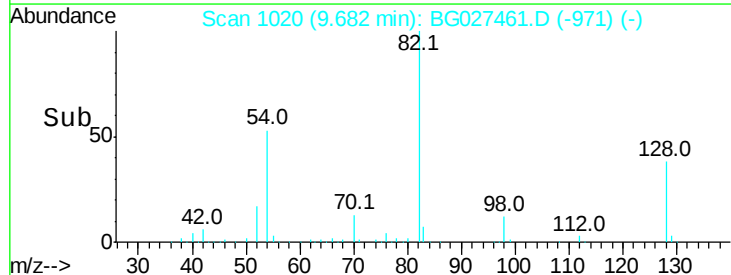
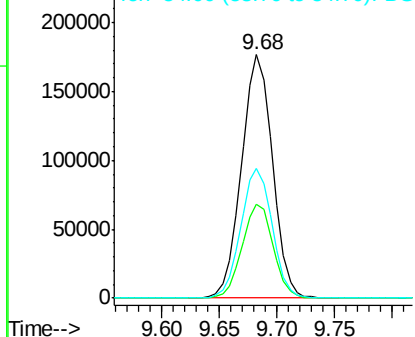


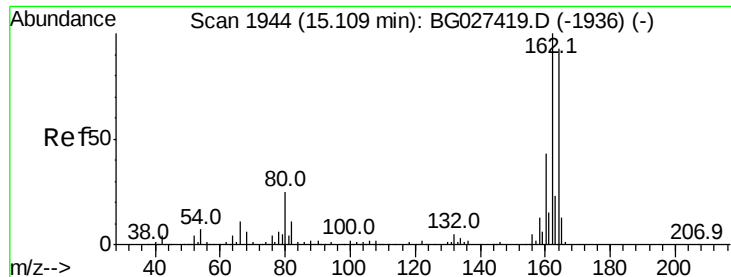
#23
Nitrobenzene-d5
Concen: 105.31 ng
RT: 9.68 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027461.D
Acq: 16 Jun 2017 3:38

Tgt Ion:	82	Resp:	330262
Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.4	39.6
54	53.3	49.4	74.2



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

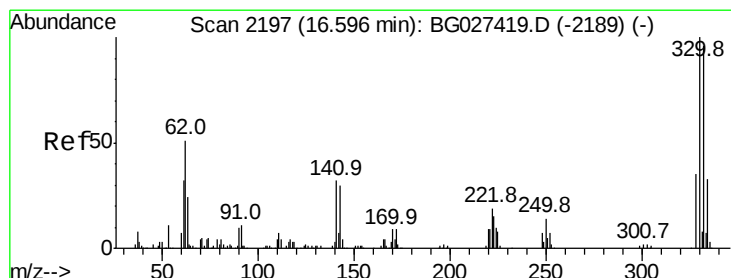
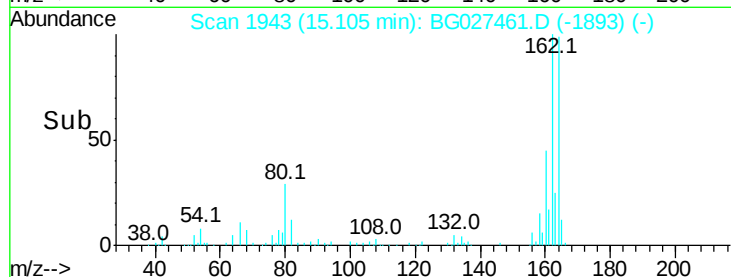
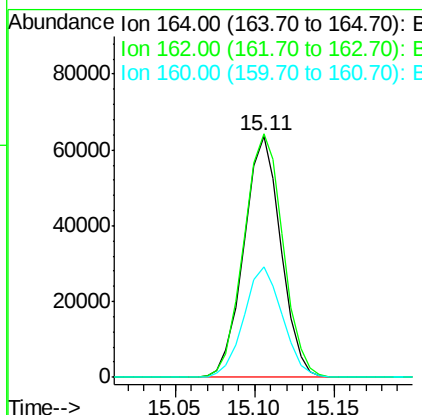
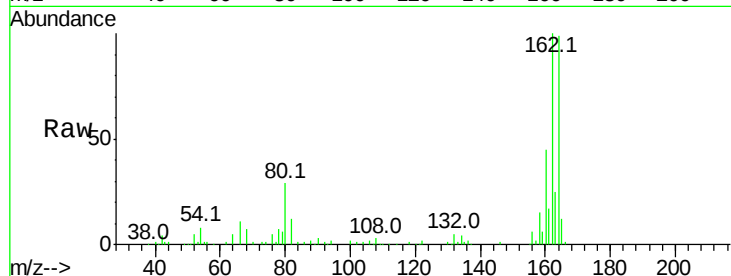




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG027461.D
 Acq: 16 Jun 2017 3:38

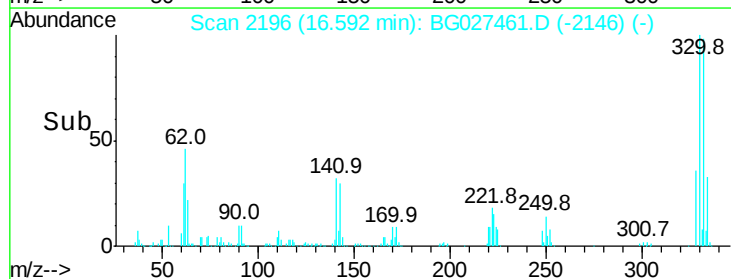
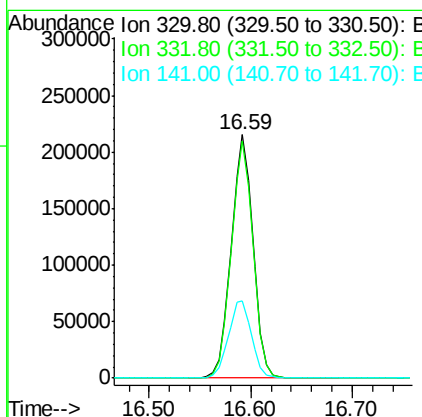
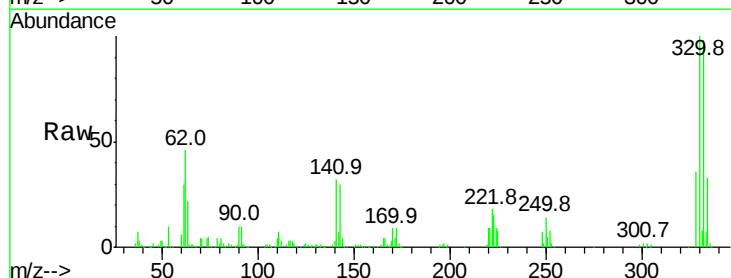
Instrument :
 BNA_G
 ClientSampleId :

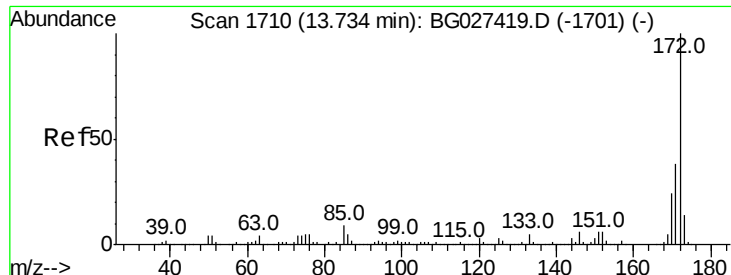
Tot Ion:164 Resp: 103005
 Ion Ratio Lower Upper
 164 100
 162 100.8 85.1 127.7
 160 45.8 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 207.65 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027461.D
 Acq: 16 Jun 2017 3:38

Tgt Ion:330 Resp: 321017
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 33.6 32.1 48.1

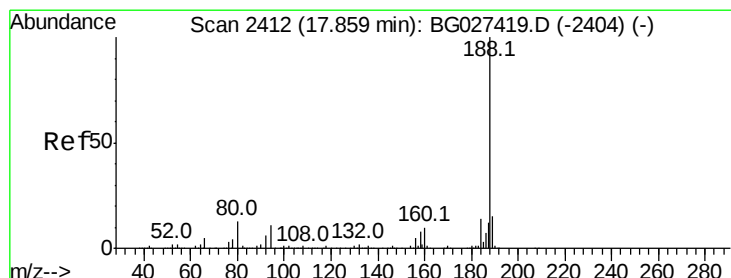
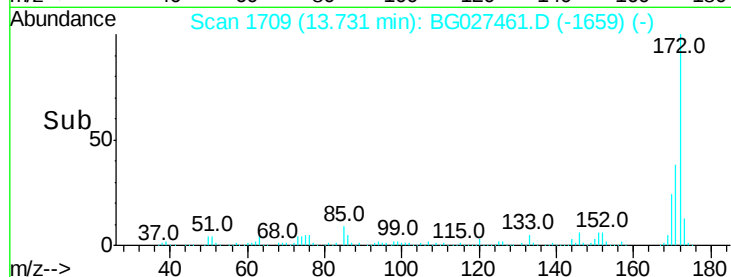
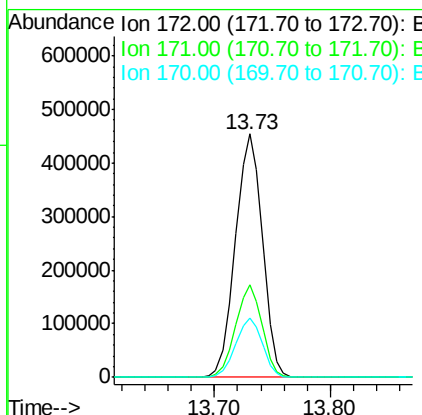
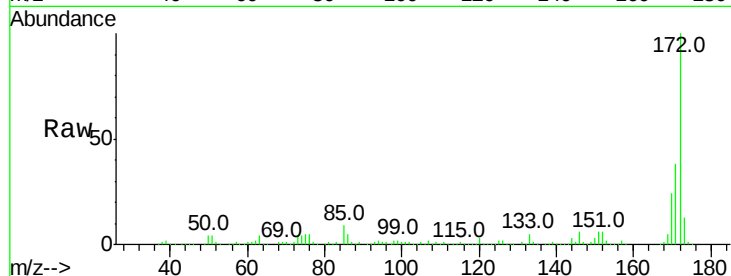




#44
 2-Fluorobiphenyl
 Concen: 102.78 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027461.D
 Acq: 16 Jun 2017 3:38

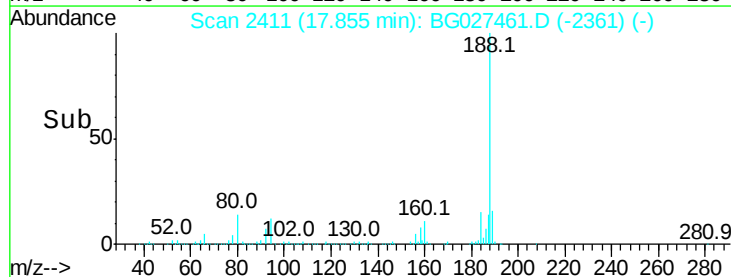
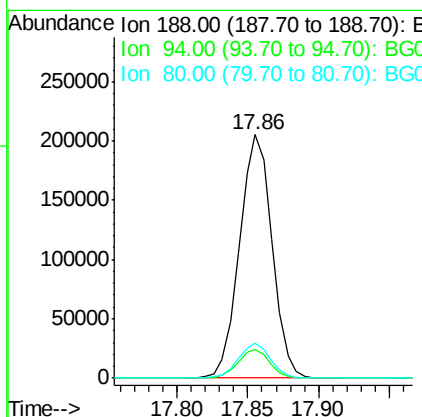
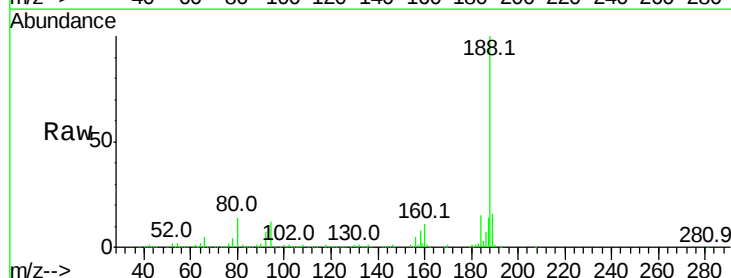
Instrument :
 BNA_G
 ClientSampleId :

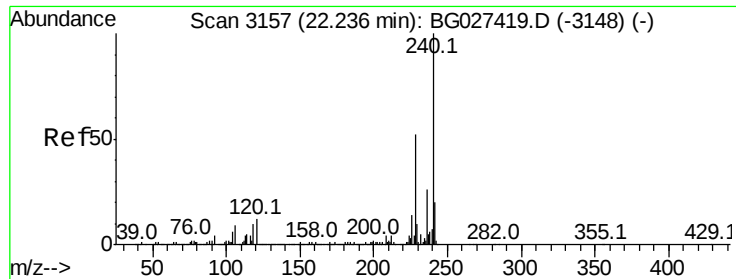
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.1	21.8	32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.86 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG027461.D
 Acq: 16 Jun 2017 3:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.8	8.8#
80	14.5	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG027461.D

Acq: 16 Jun 2017 3:38

Instrument :

BNA_G

ClientSampleId :

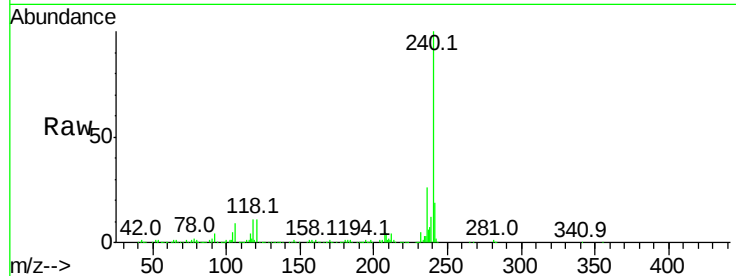
Tot Ion:240 Resp: 388536

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

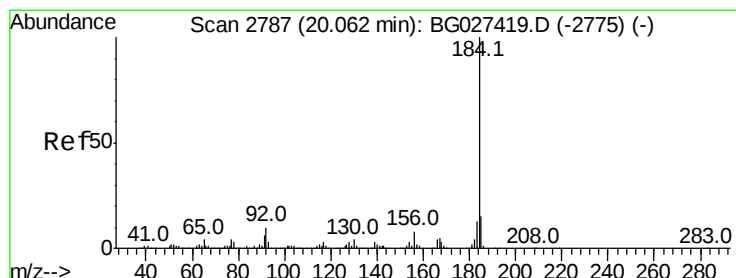
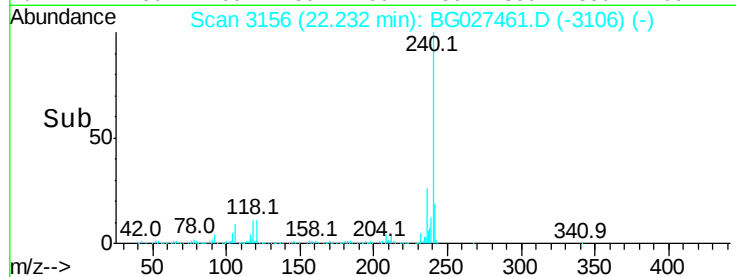
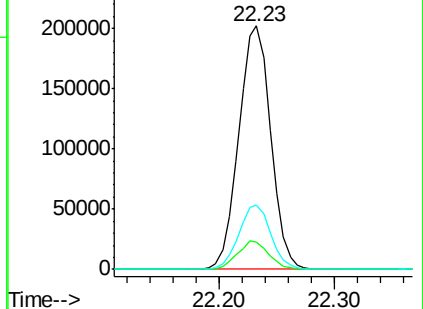
236 26.3 22.2 33.4



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: 10.34 ng

RT: 20.06 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG027461.D

Acq: 16 Jun 2017 3:38

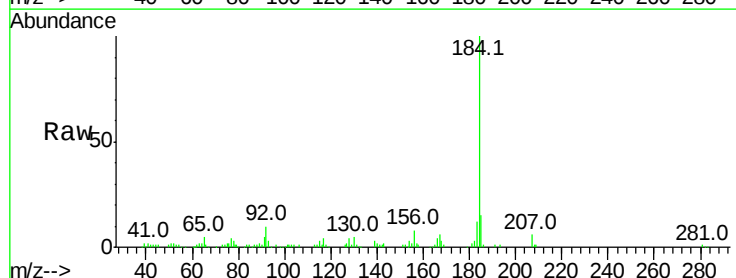
Tgt Ion:184 Resp: 88061

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

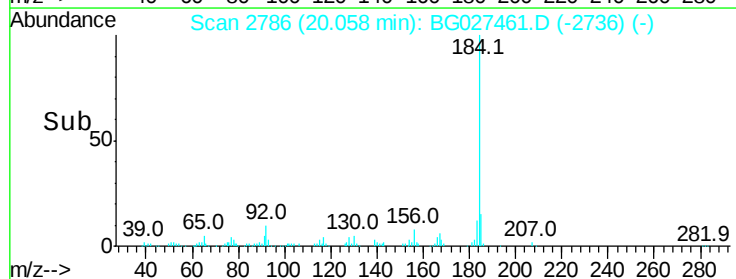
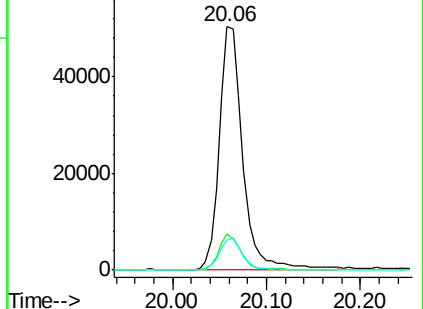
183 12.4 11.0 16.6

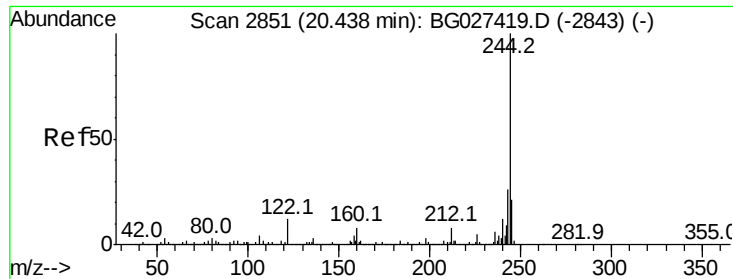


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 115.29 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027461.D

Acq: 16 Jun 2017 3:38

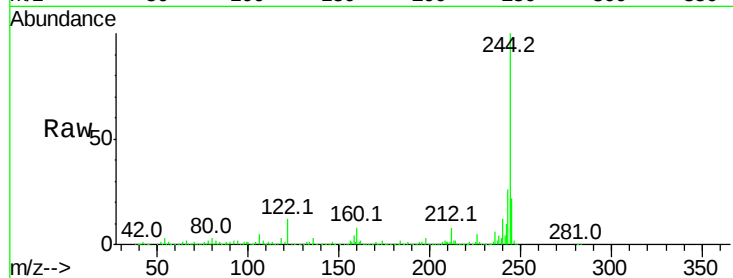
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1747739

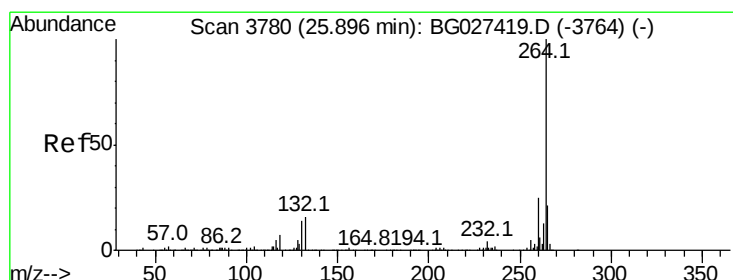
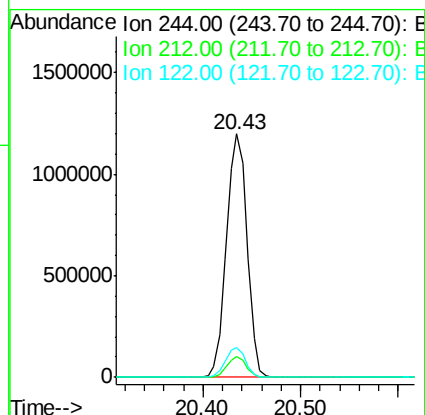
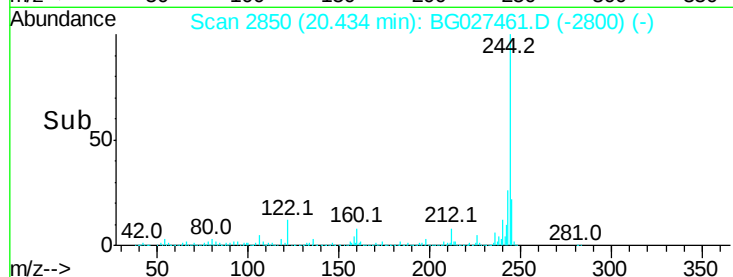
Ion	Ratio	Lower	Upper
244	100		
212	8.4	10.0	15.0#
122	12.3	8.6	12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.89 min Scan# 3778

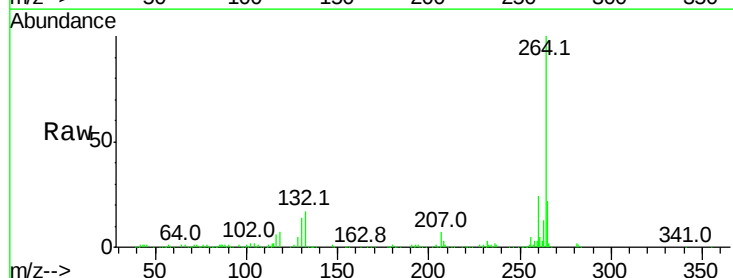
Delta R.T. -0.01 min

Lab File: BG027461.D

Acq: 16 Jun 2017 3:38

Tgt Ion:264 Resp: 371393

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.0	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

