

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029348.D
 Acq On : 19 Oct 2017 1:50
 Operator : SJ/JU
 Sample : I5836-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:33:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

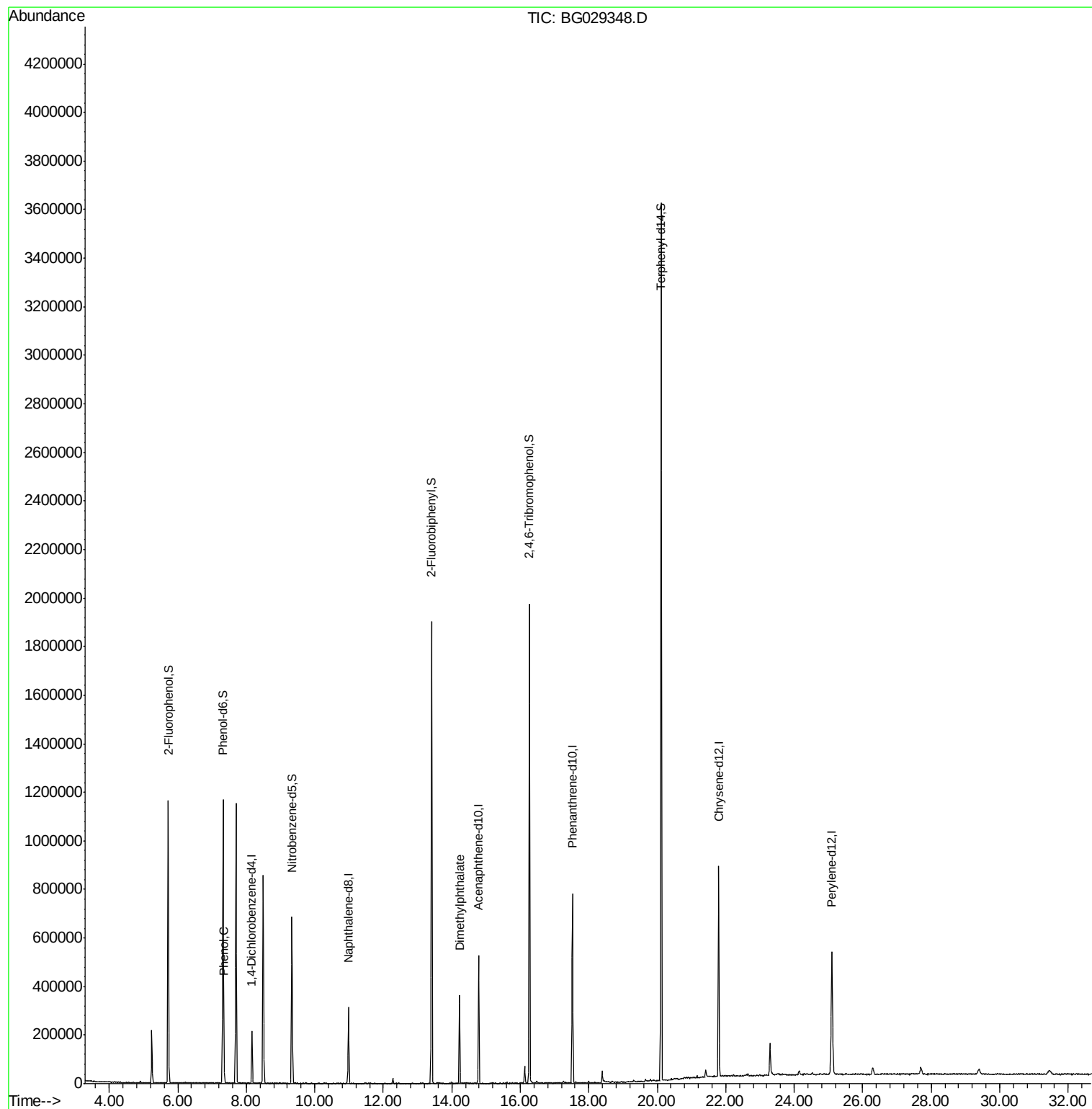
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	60607	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	276488	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	189932	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	480989	20.00	ng	0.00
75) Chrysene-d12	21.80	240	543266	20.00	ng	0.00
86) Perylene-d12	25.10	264	554808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	529721	146.01	ng	0.00
7) Phenol-d6	7.32	99	708371	139.10	ng	0.00
23) Nitrobenzene-d5	9.33	82	415833	95.57	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	394143	160.73	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1036214	80.02	ng	0.00
78) Terphenyl-d14	20.11	244	1728700	72.39	ng	0.00
Target Compounds						
10) Phenol	7.35	94	39644	7.221	ng	95
49) Dimethylphthalate	14.23	163	249527	16.838	ng	99

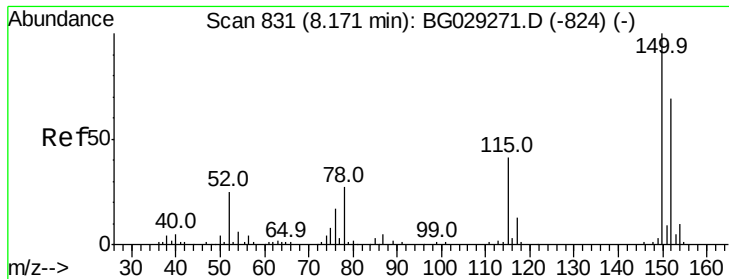
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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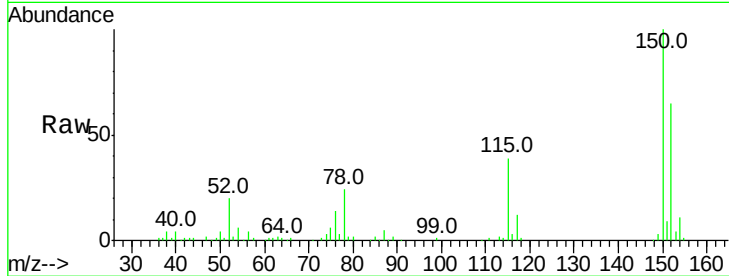


#1

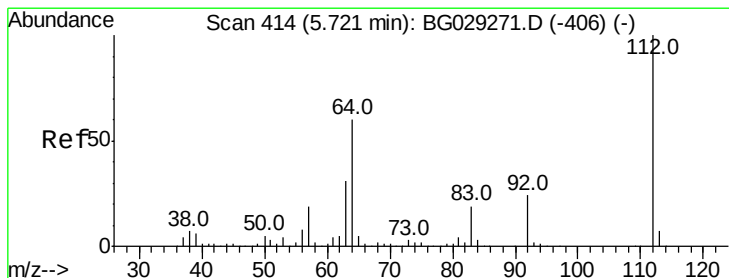
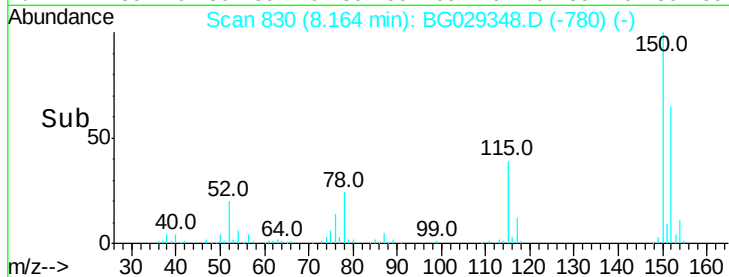
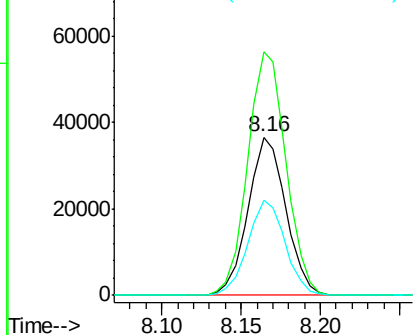
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029348.D
Acq: 19 Oct 2017 1:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60607
Ion Ratio Lower Upper
152 100
150 154.1 126.6 189.8
115 59.9 53.0 79.4



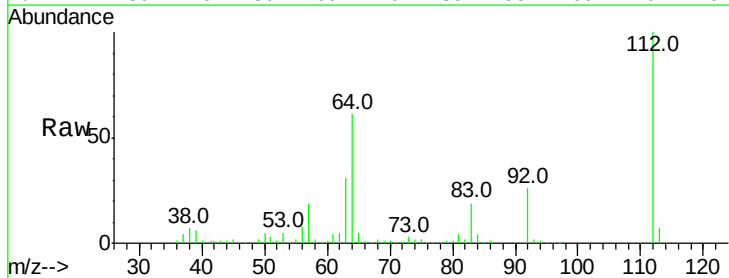
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



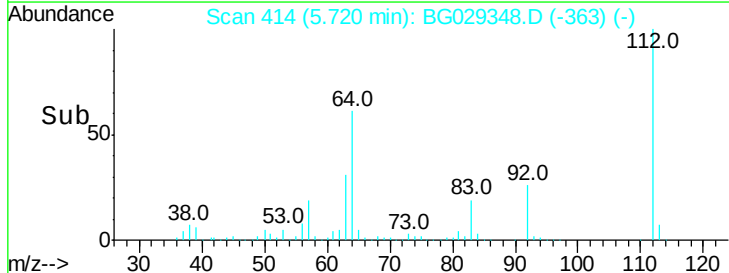
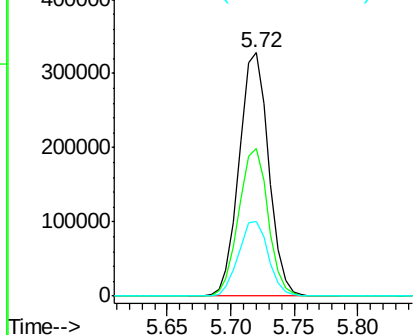
#5

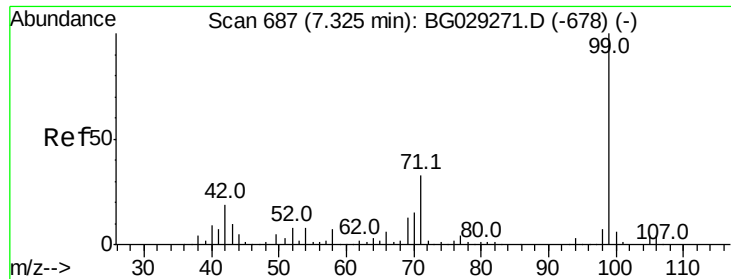
2-Fluorophenol
Concen: 146.011 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029348.D
Acq: 19 Oct 2017 1:50

Tgt Ion:112 Resp: 529721
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 30.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 139.103 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029348.D

Acq: 19 Oct 2017 1:50

Instrument :

BNA_G

ClientSampleId :

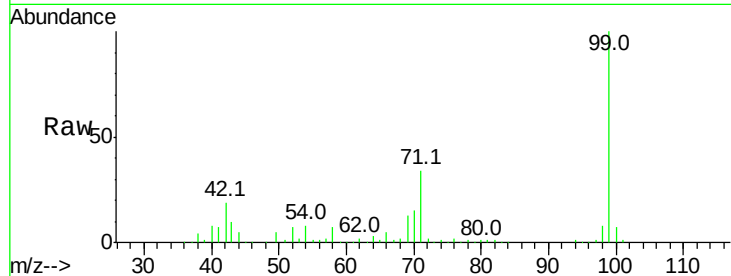
Tot Ion: 99 Resp: 708371

Ion Ratio Lower Upper

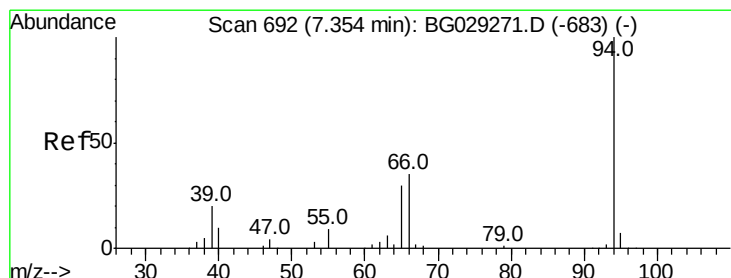
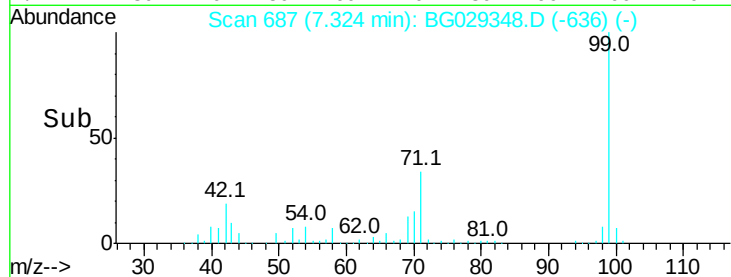
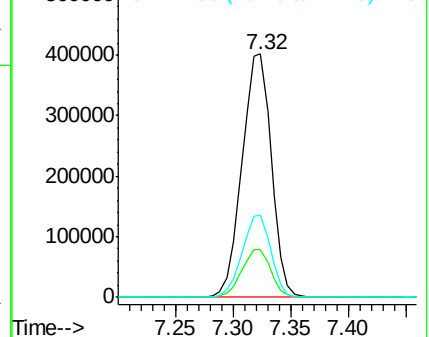
99 100

42 19.4 14.1 21.1

71 33.7 26.1 39.1



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



#10

Phenol

Concen: 7.221 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029348.D

Acq: 19 Oct 2017 1:50

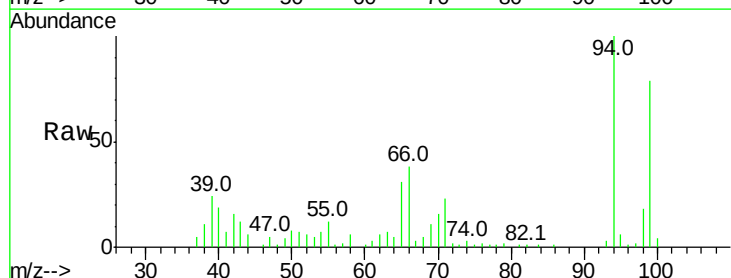
Tgt Ion: 94 Resp: 39644

Ion Ratio Lower Upper

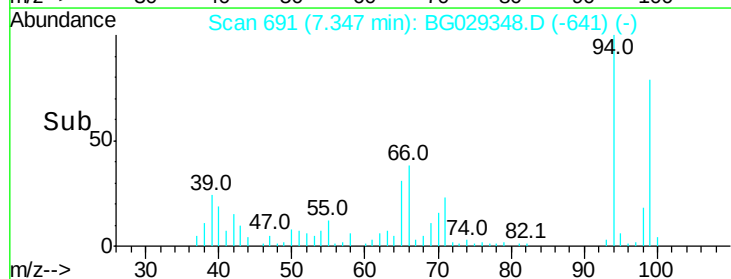
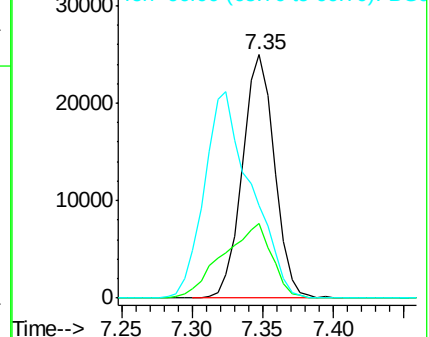
94 100

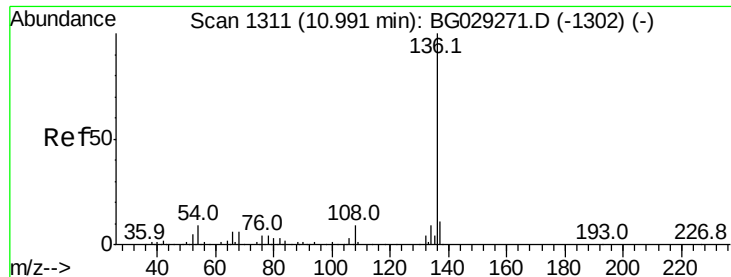
65 30.7 11.9 51.9

66 38.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

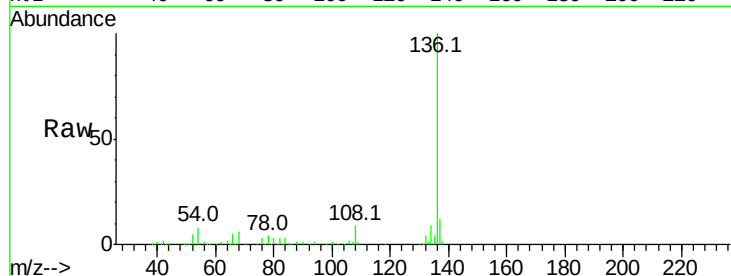




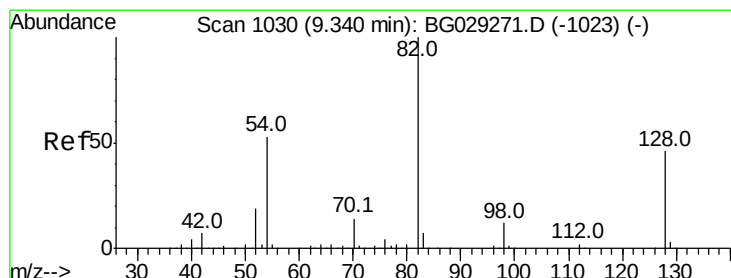
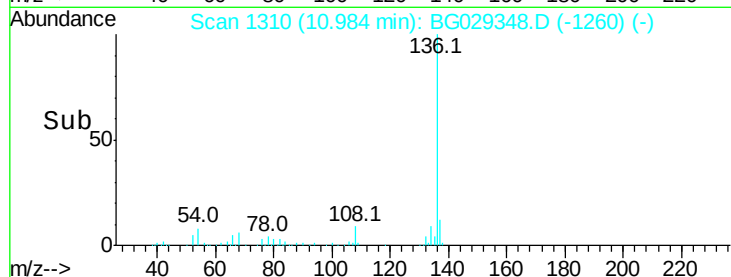
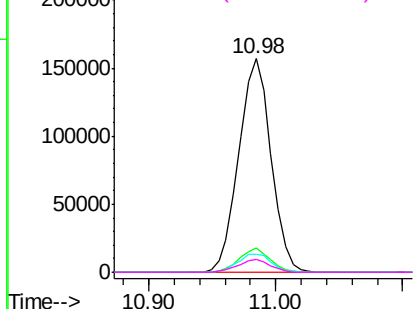
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029348.D
Acq: 19 Oct 2017 1:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	276488
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	8.1	10.3 15.5#
68	6.1	4.5 6.7

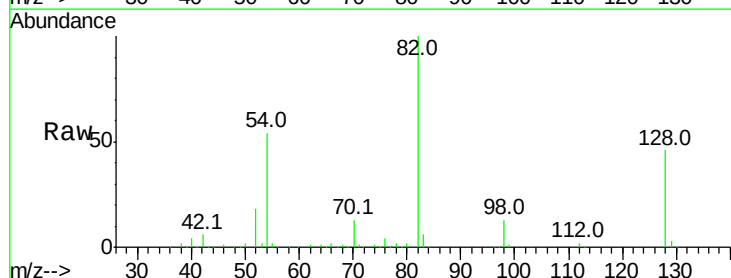


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

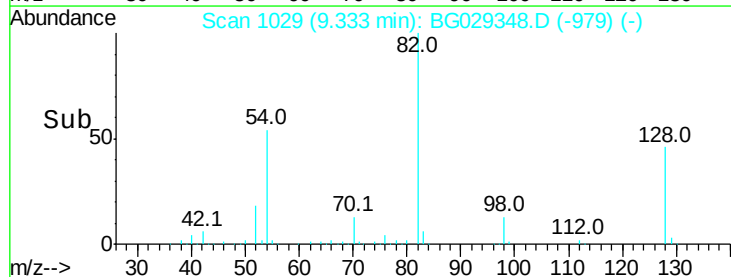
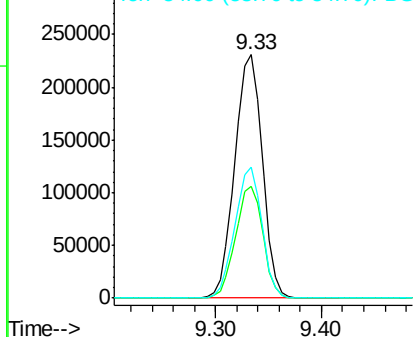


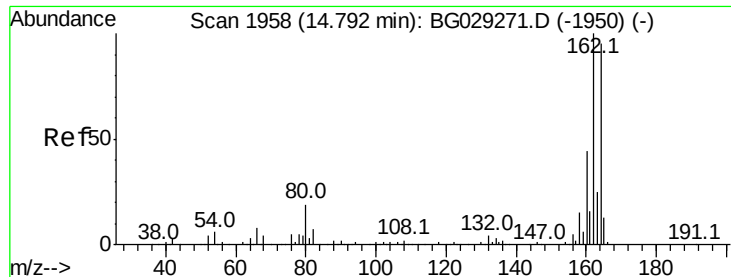
#23
Nitrobenzene-d5
Concen: 95.574 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029348.D
Acq: 19 Oct 2017 1:50

Tgt Ion: 82	Resp:	415833
Ion Ratio	Lower	Upper
82	100	
128	46.1	29.7 44.5#
54	53.9	43.1 64.7



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: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG029348.D

Acq: 19 Oct 2017 1:50

Instrument :

BNA_G

ClientSampleId :

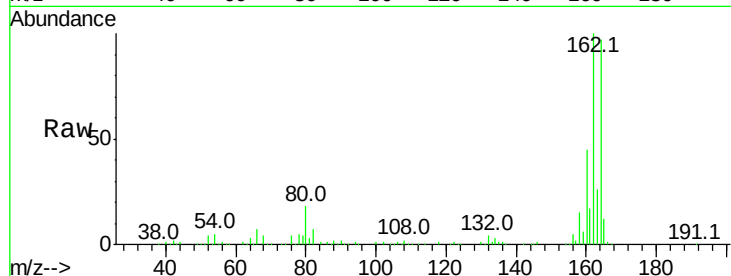
Tot Ion:164 Resp: 189932

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

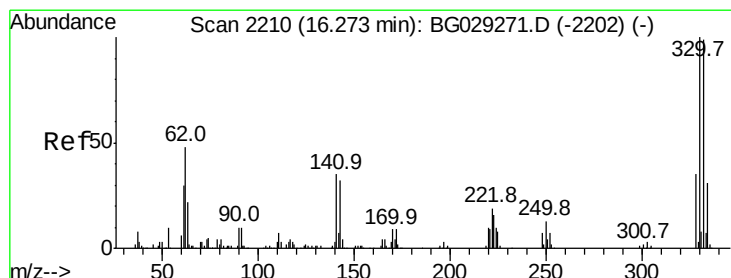
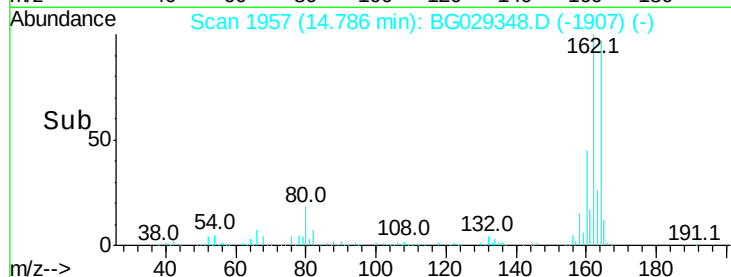
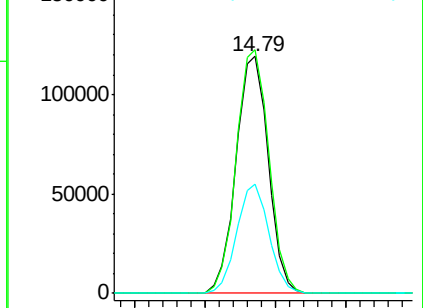
160 46.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 160.729 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029348.D

Acq: 19 Oct 2017 1:50

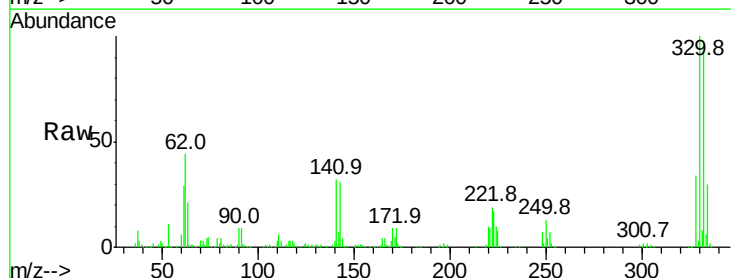
Tgt Ion:330 Resp: 394143

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

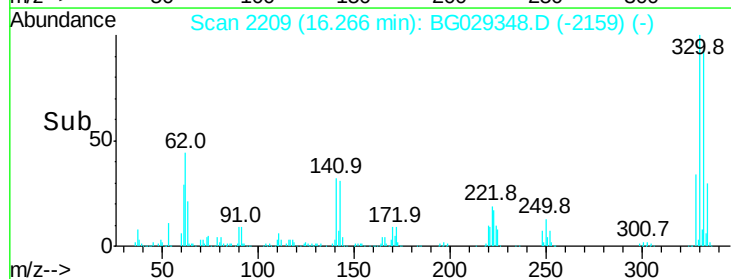
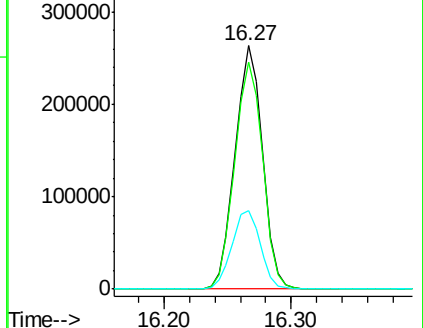
141 33.5 25.2 37.8

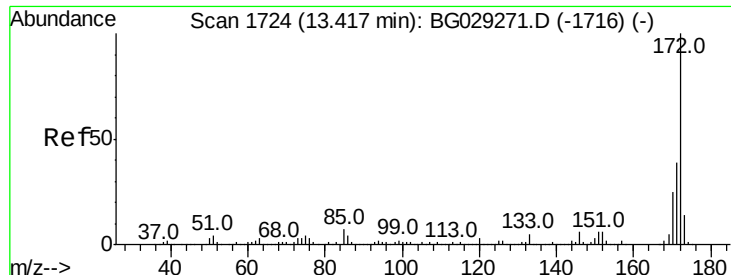


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



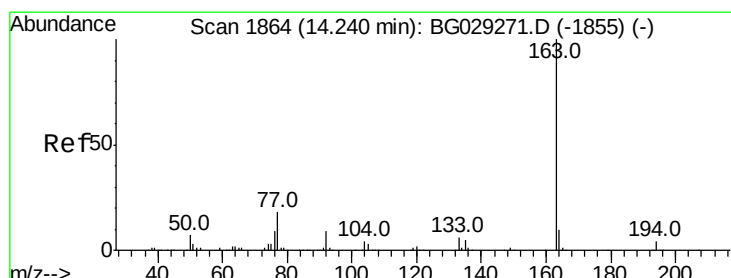
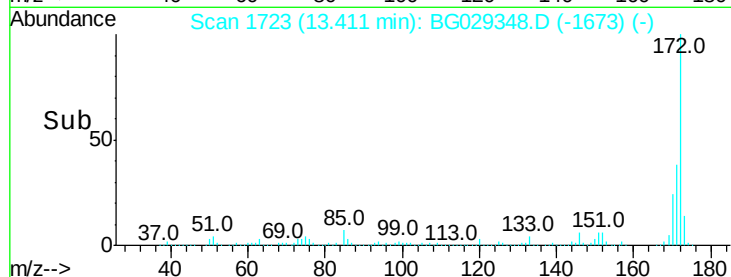
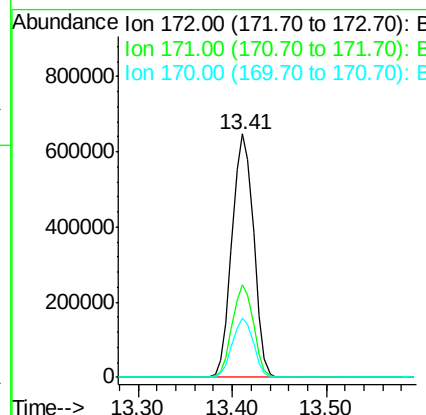
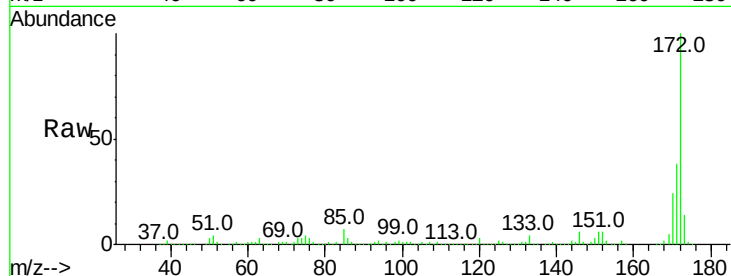


#44
 2-Fluorobiphenyl
 Concen: 80.016 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029348.D
 Acq: 19 Oct 2017 1:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1036214

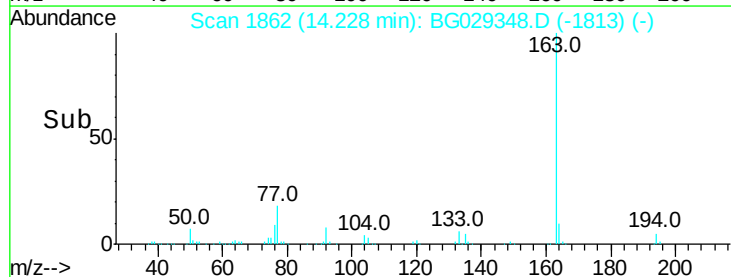
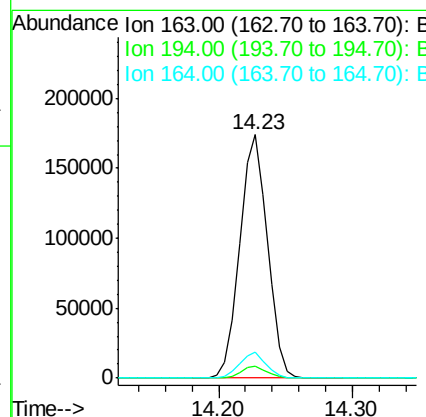
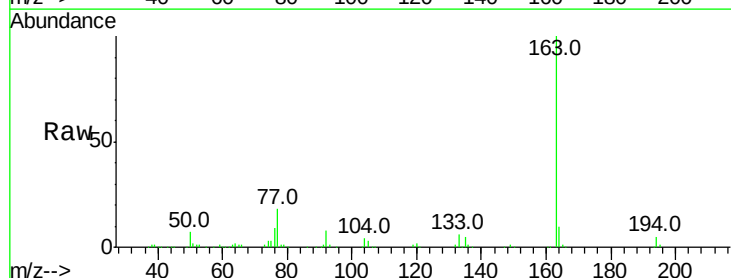
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.3	19.5	29.3

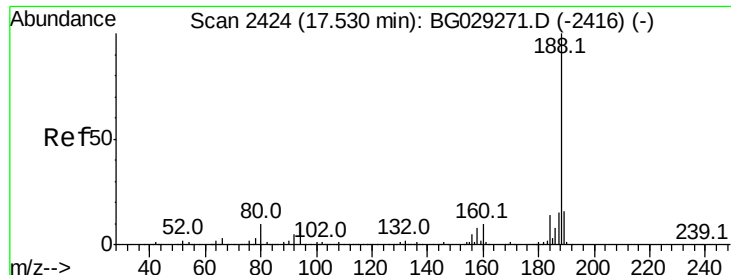


#49
 Dimethylphthalate
 Concen: 16.838 ng
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG029348.D
 Acq: 19 Oct 2017 1:50

Tgt Ion:163 Resp: 249527

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.5	8.2	12.4

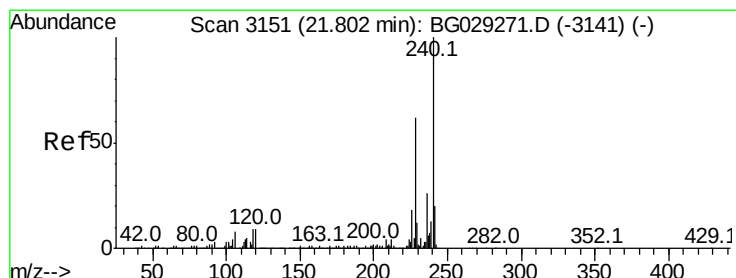
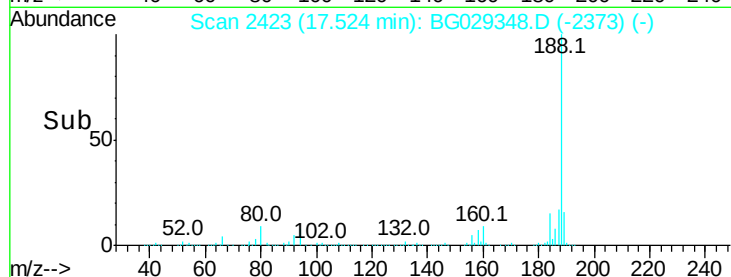
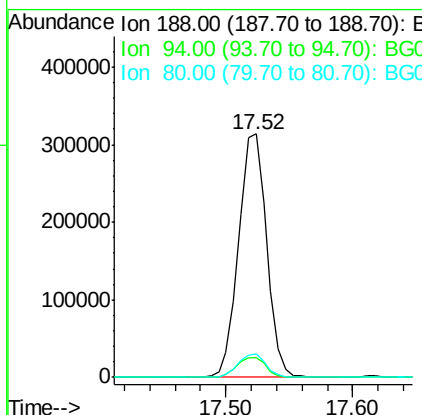
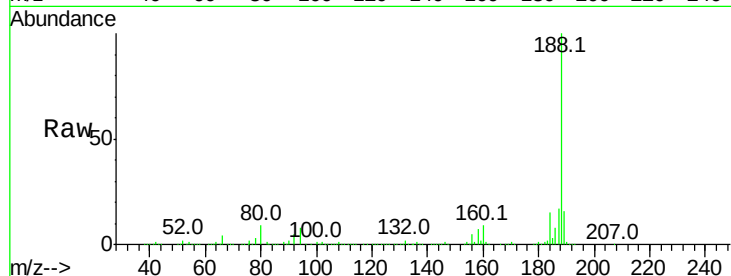




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029348.D
 Acq: 19 Oct 2017 1:50

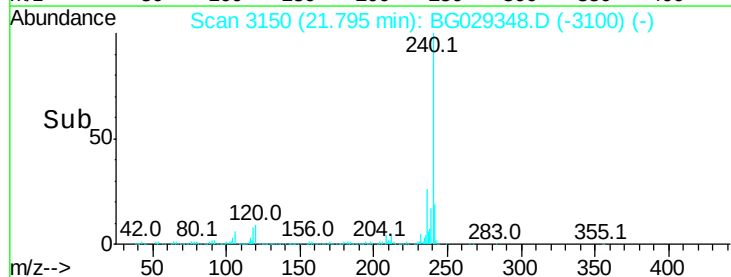
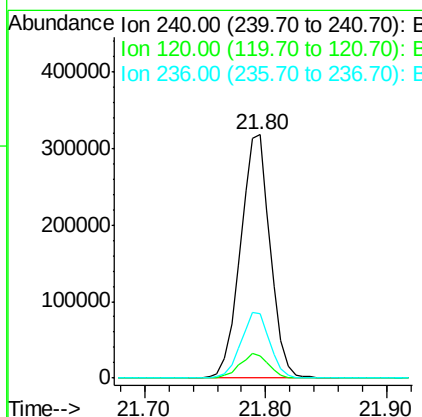
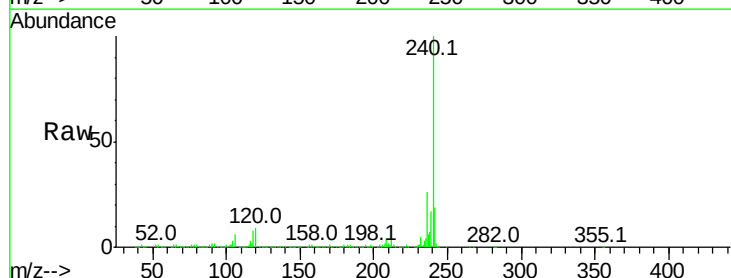
Instrument :
 BNA_G
 ClientSampleId :

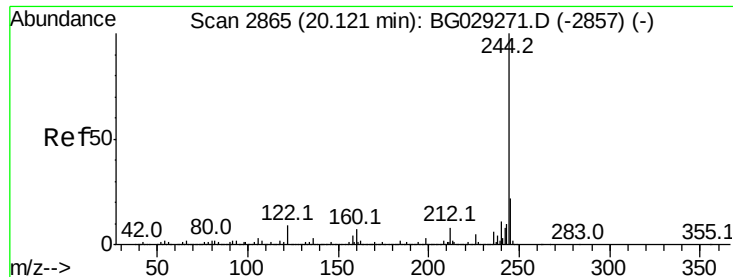
Tot Ion:188 Resp: 480989
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 9.4 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG029348.D
 Acq: 19 Oct 2017 1:50

Tgt Ion:240 Resp: 543266
 Ion Ratio Lower Upper
 240 100
 120 9.2 6.8 10.2
 236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 72.389 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029348.D

Acq: 19 Oct 2017 1:50

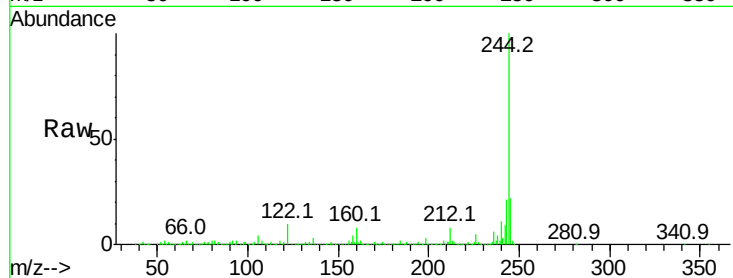
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1728700

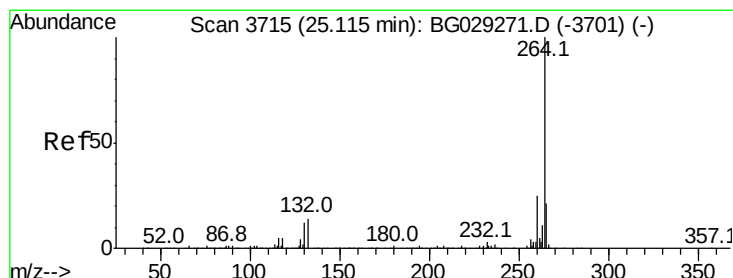
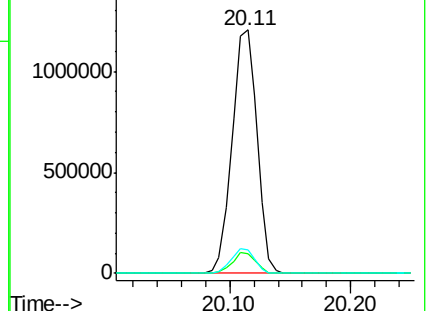
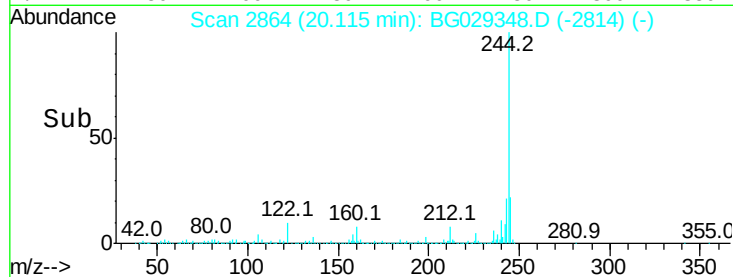
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	9.6	7.0	10.4



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: 25.10 min Scan# 3712

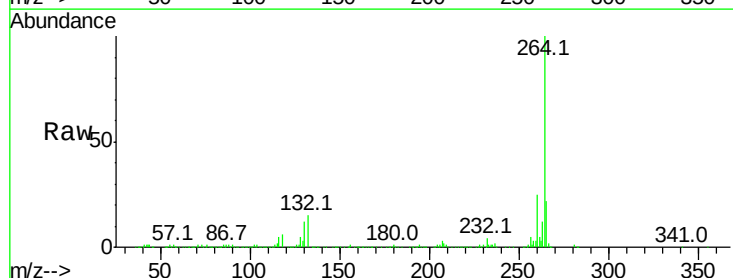
Delta R.T. -0.02 min

Lab File: BG029348.D

Acq: 19 Oct 2017 1:50

Tgt Ion:264 Resp: 554808

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.4	17.7	26.5



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

