

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029339.D
 Acq On : 18 Oct 2017 19:52
 Operator : SJ/JU
 Sample : I5834-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 00:10:03 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

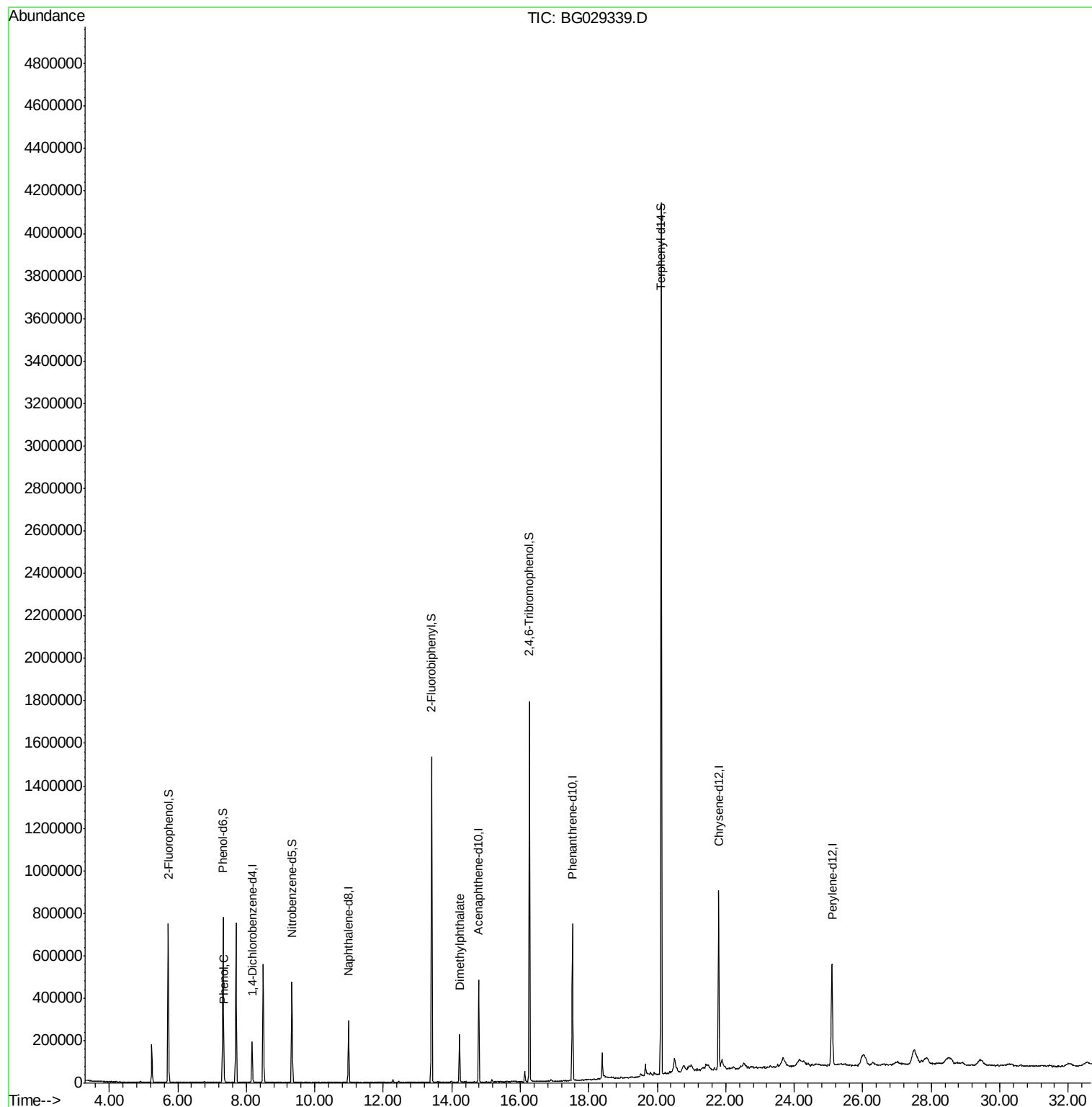
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55192	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	253007	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	169718	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	443223	20.00	ng	0.00
75) Chrysene-d12	21.79	240	508604	20.00	ng	-0.01
86) Perylene-d12	25.10	264	521370	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	333322	100.89	ng	0.00
7) Phenol-d6	7.32	99	469870	101.32	ng	0.00
23) Nitrobenzene-d5	9.33	82	284042	71.34	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	350057	159.75	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	811987	70.17	ng	0.00
78) Terphenyl-d14	20.11	244	1884306	84.28	ng	0.00
Target Compounds						
10) Phenol	7.35	94	18966	3.794	ng	89
49) Dimethylphthalate	14.23	163	146893	11.093	ng	99

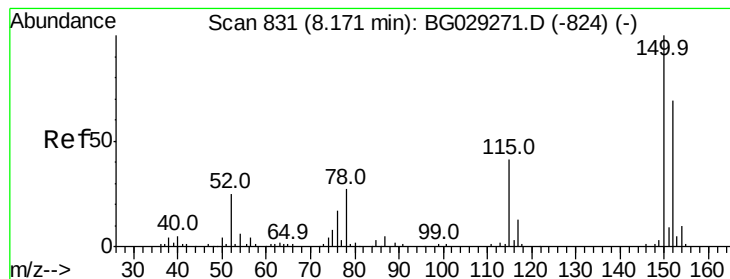
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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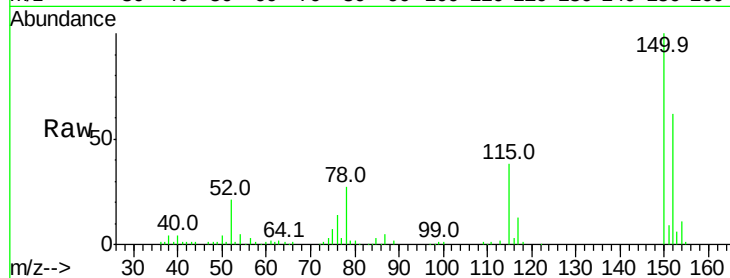


#1

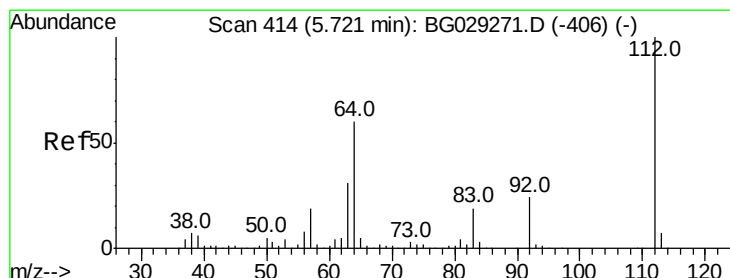
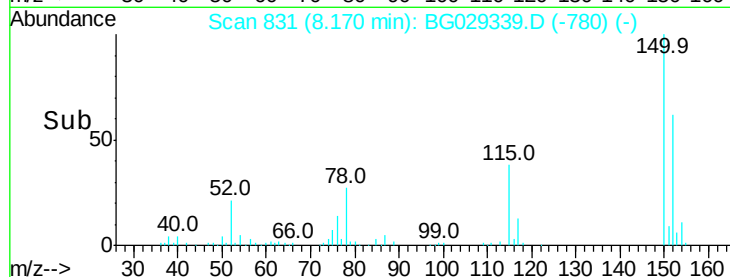
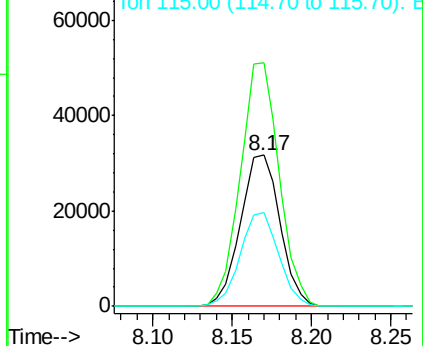
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029339.D
Acq: 18 Oct 2017 19:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 55192
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 62.0 53.0 79.4



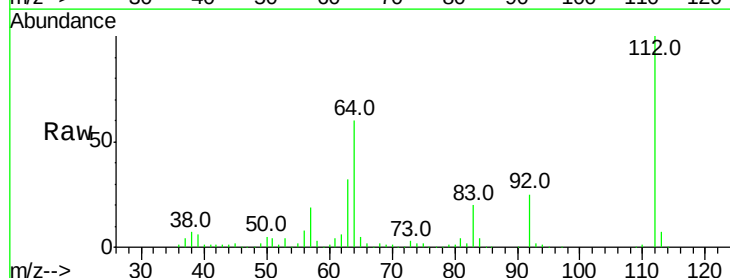
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



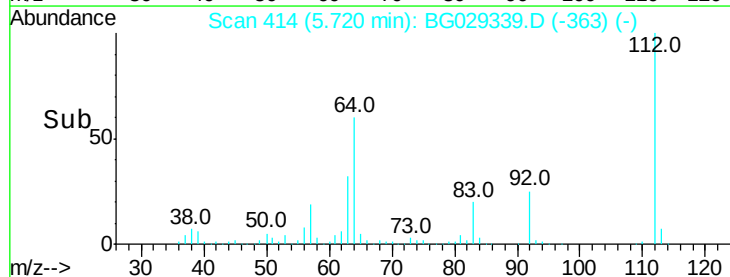
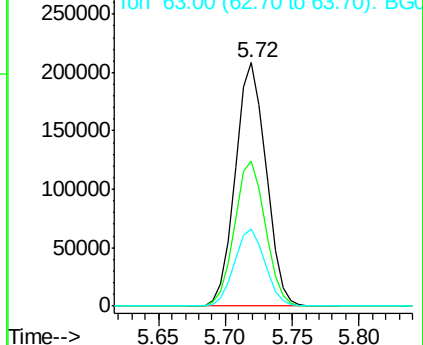
#5

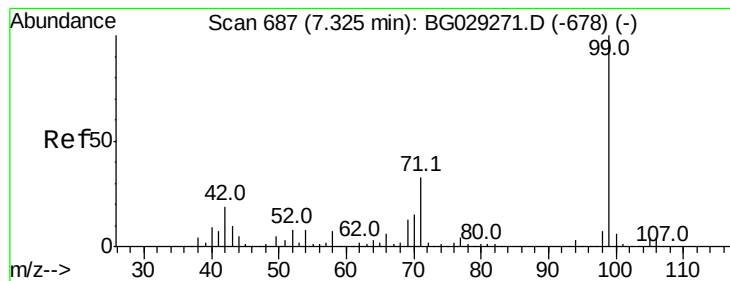
2-Fluorophenol
Concen: 100.890 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029339.D
Acq: 18 Oct 2017 19:52

Tgt Ion:112 Resp: 333322
Ion Ratio Lower Upper
112 100
64 59.5 56.3 84.5
63 31.9 30.1 45.1



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: 101.321 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029339.D

Acq: 18 Oct 2017 19:52

Instrument :

BNA_G

ClientSampled :

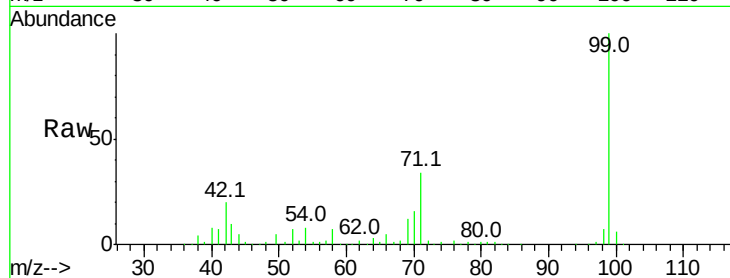
Tot Ion: 99 Resp: 469870

Ion Ratio Lower Upper

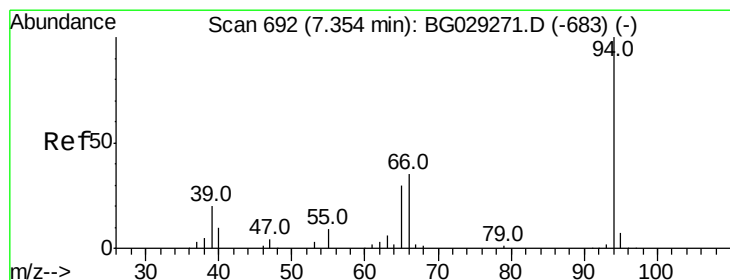
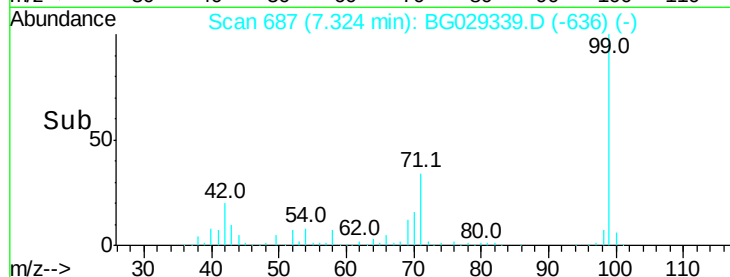
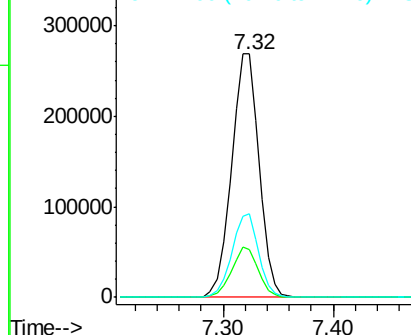
99 100

42 19.7 14.1 21.1

71 34.5 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: 3.794 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029339.D

Acq: 18 Oct 2017 19:52

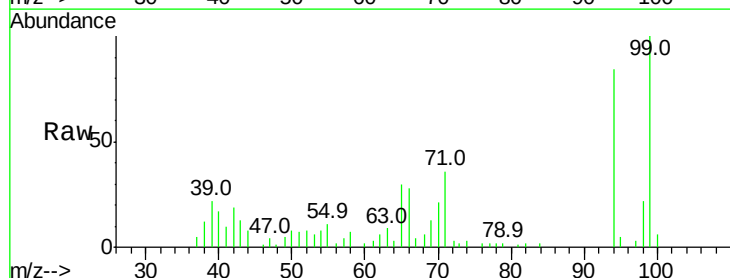
Tgt Ion: 94 Resp: 18966

Ion Ratio Lower Upper

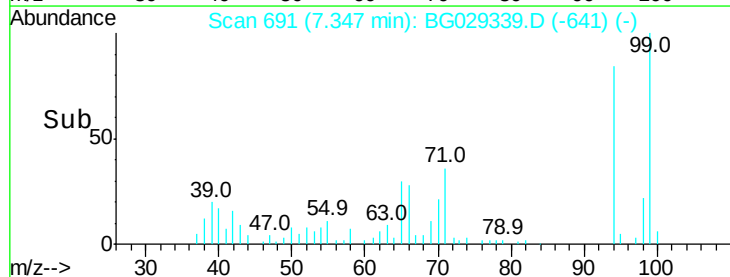
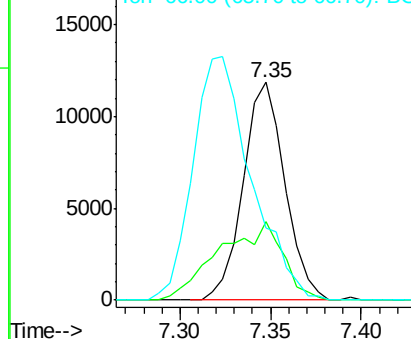
94 100

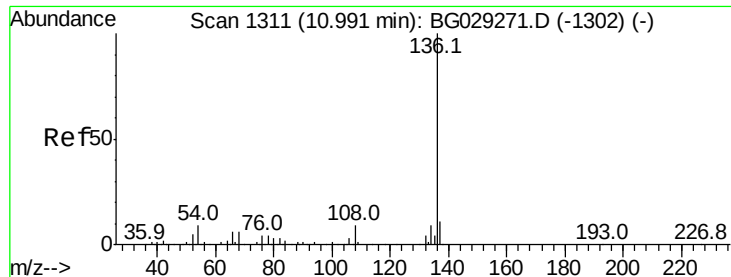
65 35.8 11.9 51.9

66 33.2 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

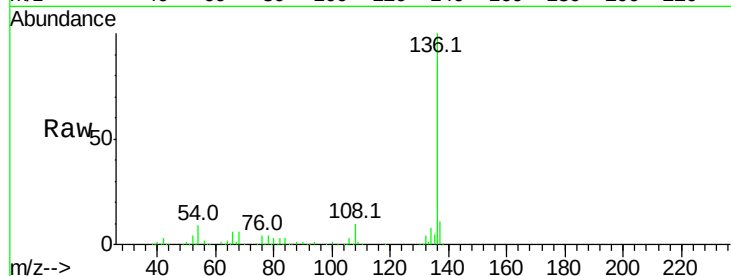




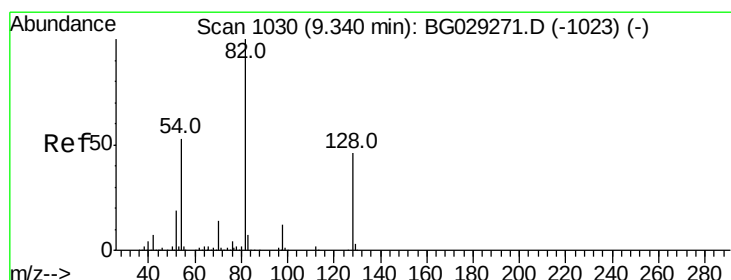
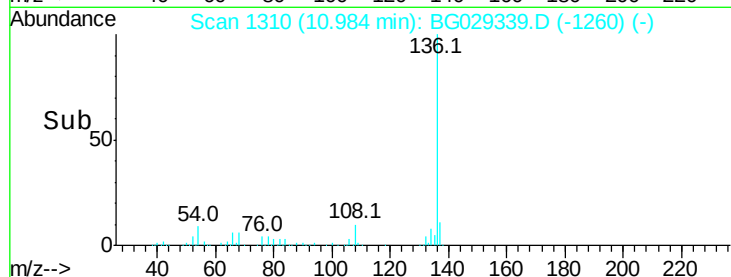
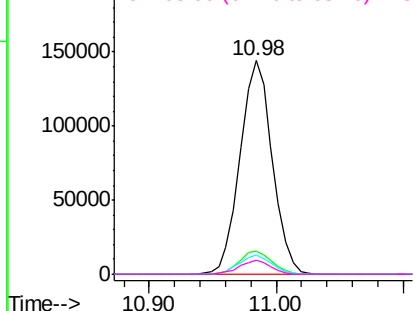
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029339.D
Acq: 18 Oct 2017 19:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	253007
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	8.9	10.3 15.5#
68	6.3	4.5 6.7

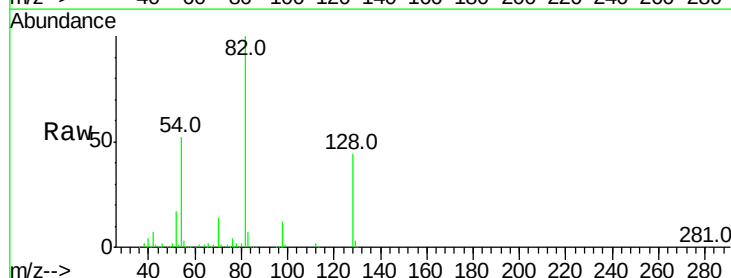


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

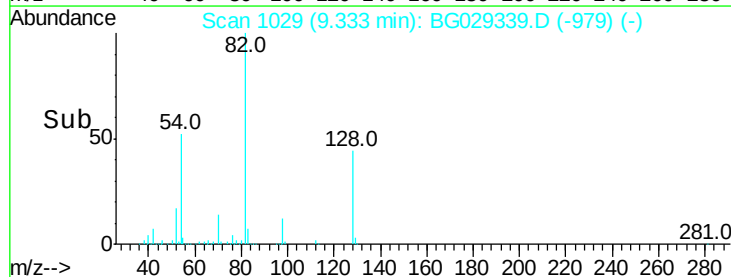
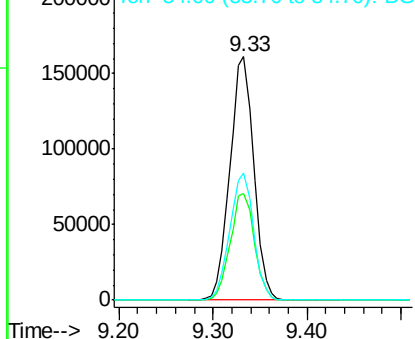


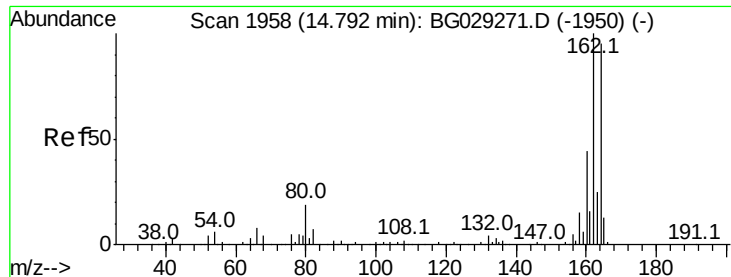
#23
Nitrobenzene-d5
Concen: 71.342 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029339.D
Acq: 18 Oct 2017 19:52

Tgt Ion: 82	Resp:	284042
Ion Ratio	Lower	Upper
82	100	
128	44.0	29.7 44.5
54	52.5	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: BG029339.D

Acq: 18 Oct 2017 19:52

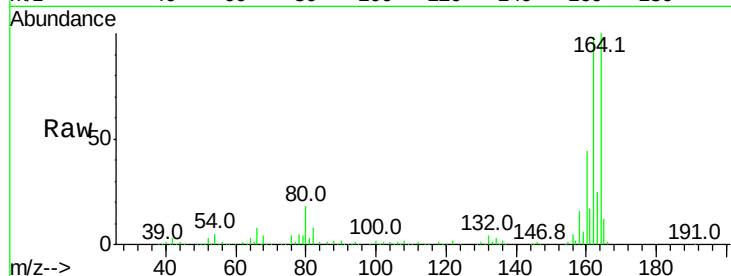
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 169718

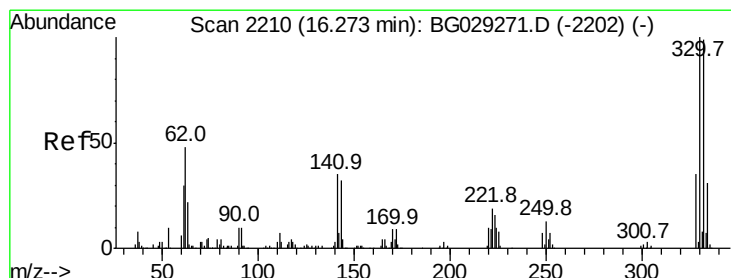
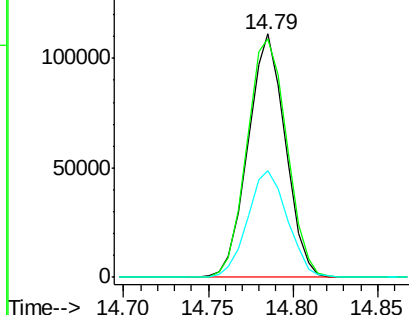
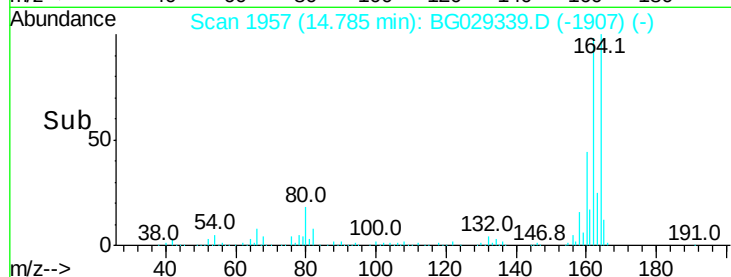
Ion	Ratio	Lower	Upper
164	100		
162	97.8	78.8	118.2
160	43.6	35.4	53.0



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: 159.753 ng

RT: 16.27 min Scan# 2209

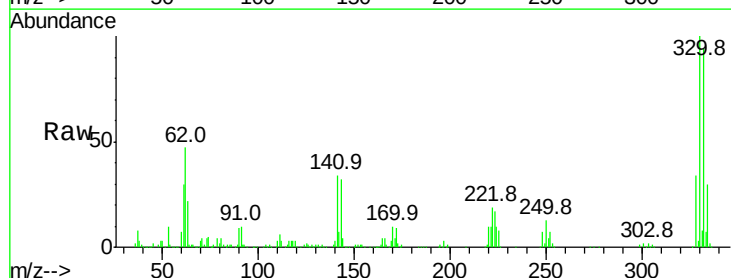
Delta R.T. -0.01 min

Lab File: BG029339.D

Acq: 18 Oct 2017 19:52

Tgt Ion:330 Resp: 350057

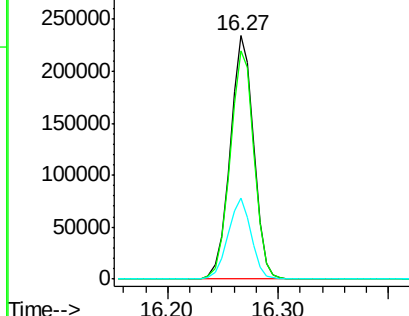
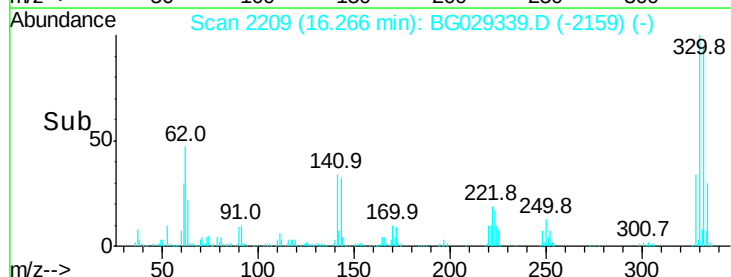
Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.7	25.2	37.8

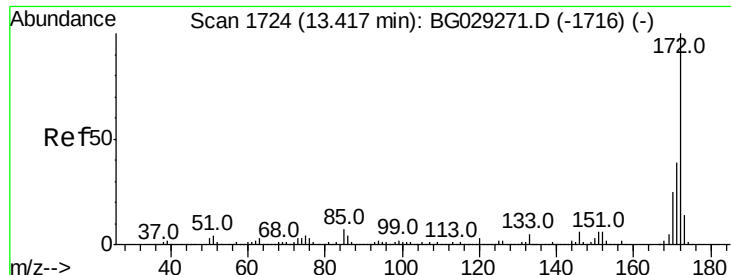


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

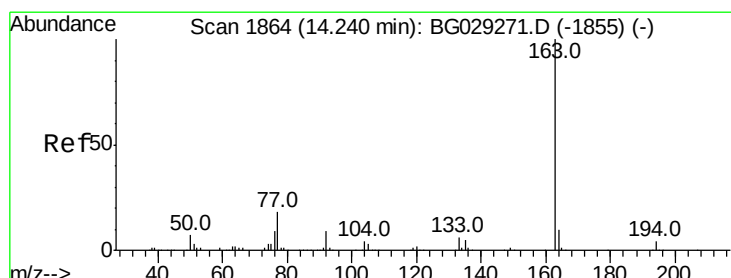
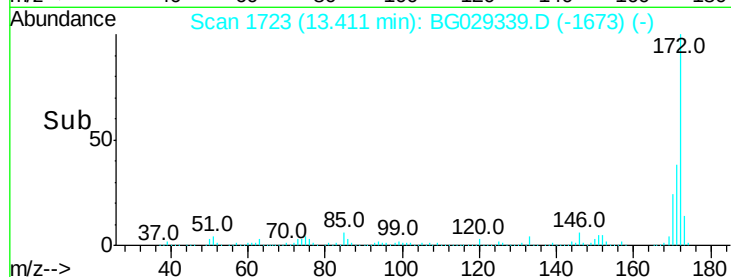
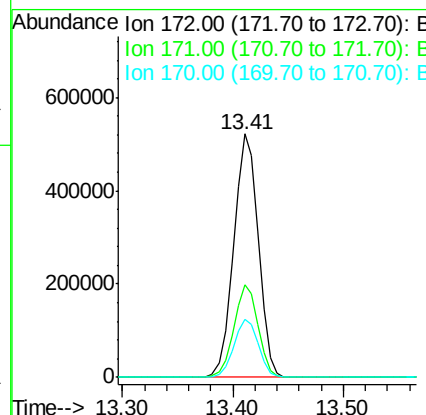
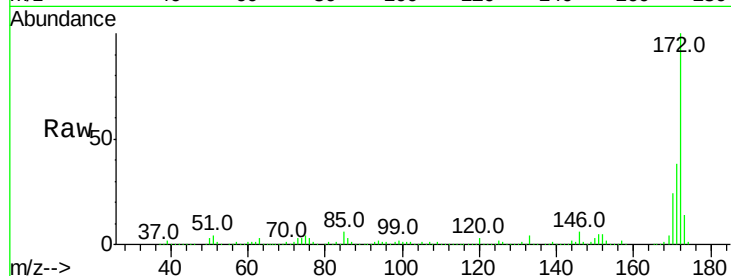




#44
2-Fluorobiphenyl
Concen: 70.170 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029339.D
Acq: 18 Oct 2017 19:52

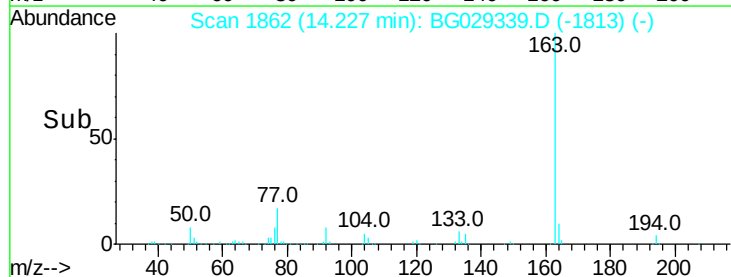
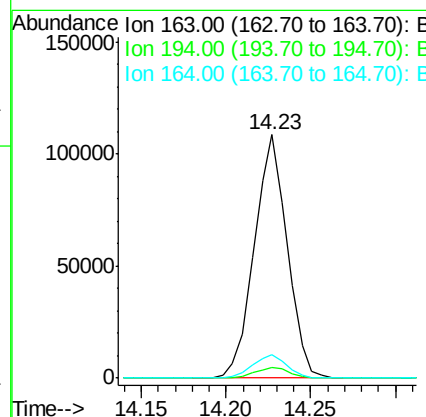
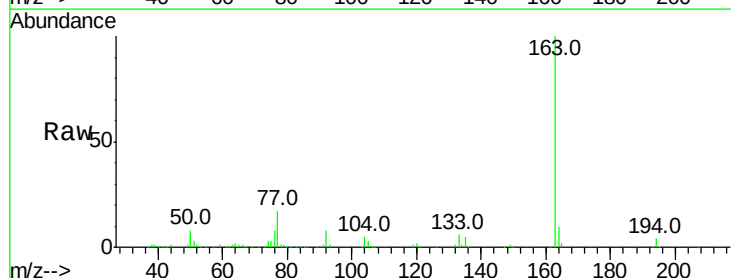
Instrument :
BNA_G
ClientSampleId :

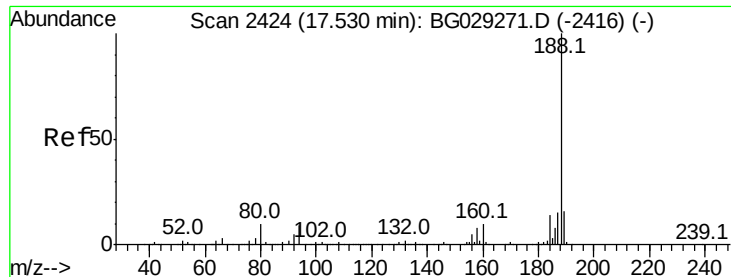
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.1	19.5	29.3



#49
Dimethylphthalate
Concen: 11.093 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029339.D
Acq: 18 Oct 2017 19:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.2	12.4

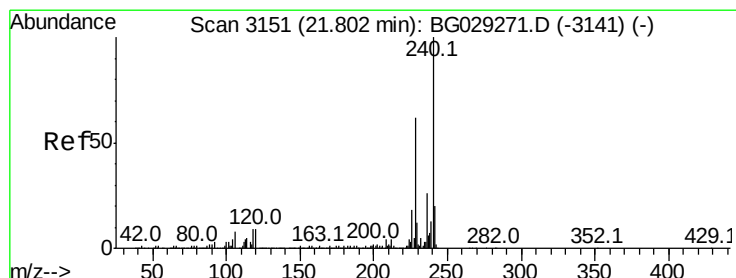
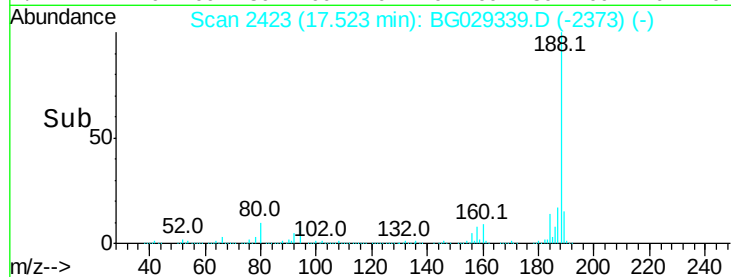
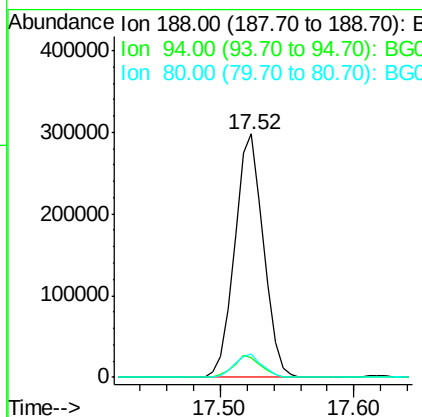
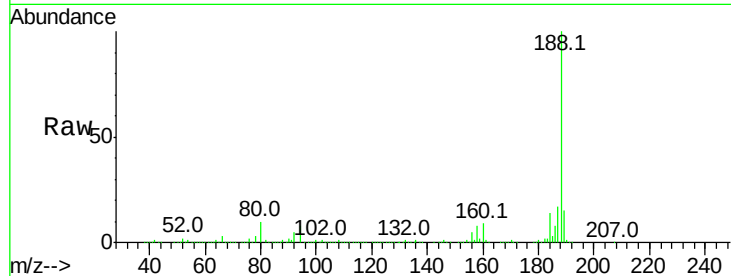




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029339.D
 Acq: 18 Oct 2017 19:52

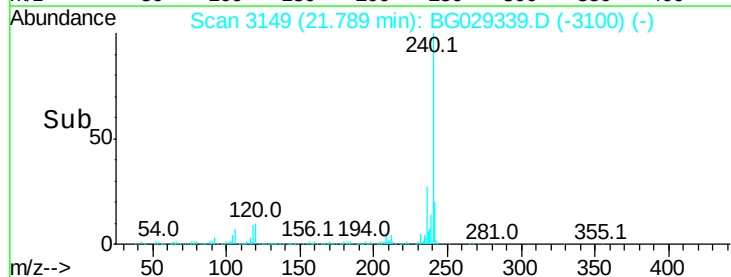
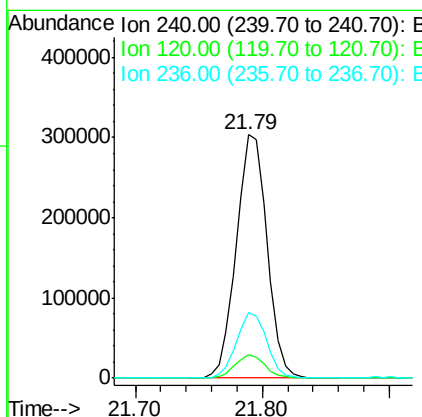
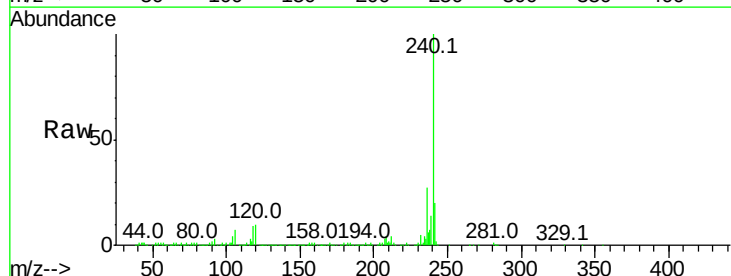
Instrument :
 BNA_G
 ClientSampleId :

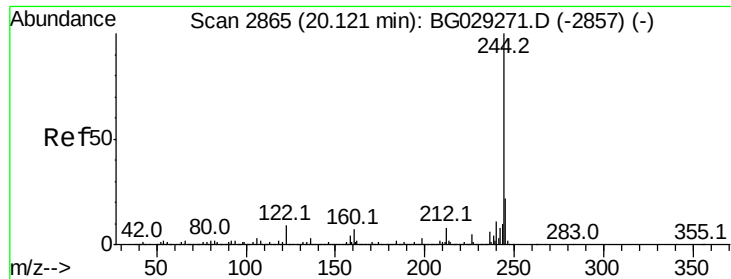
Tot Ion:188 Resp: 443223
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 9.8 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG029339.D
 Acq: 18 Oct 2017 19:52

Tgt Ion:240 Resp: 508604
 Ion Ratio Lower Upper
 240 100
 120 9.9 6.8 10.2
 236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 84.283 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029339.D

Acq: 18 Oct 2017 19:52

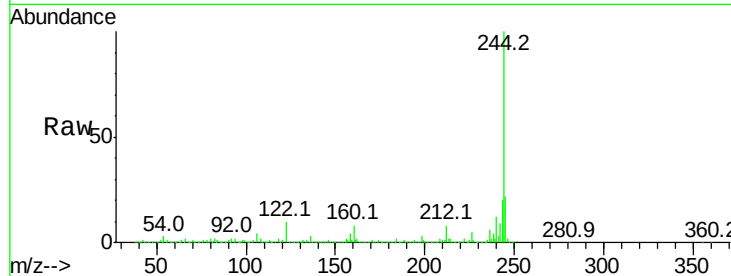
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1884306

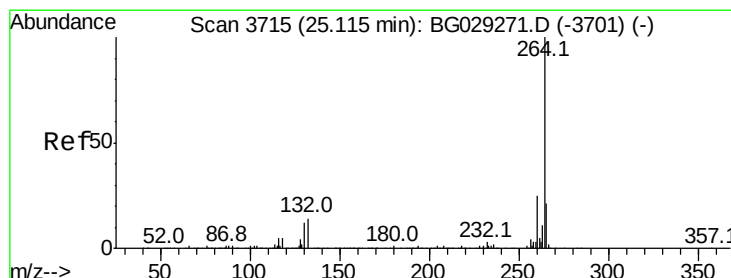
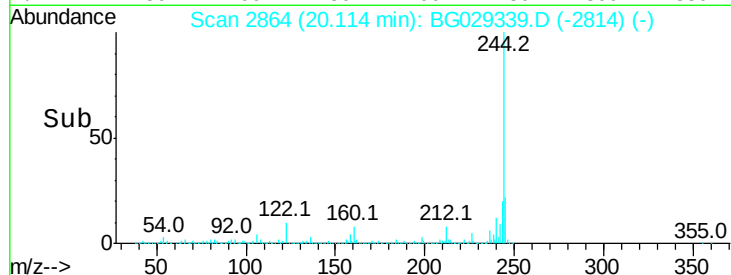
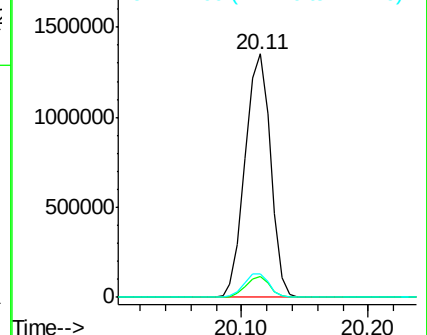
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.6	7.0	10.4



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

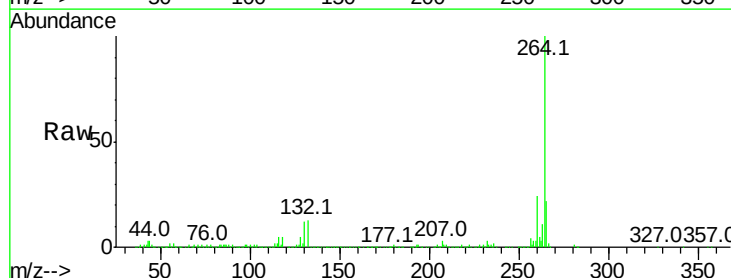
Delta R.T. -0.02 min

Lab File: BG029339.D

Acq: 18 Oct 2017 19:52

Tgt Ion:264 Resp: 521370

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.5	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

