

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029343.D
 Acq On : 18 Oct 2017 22:31
 Operator : SJ/JU
 Sample : I5834-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 00:12:05 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

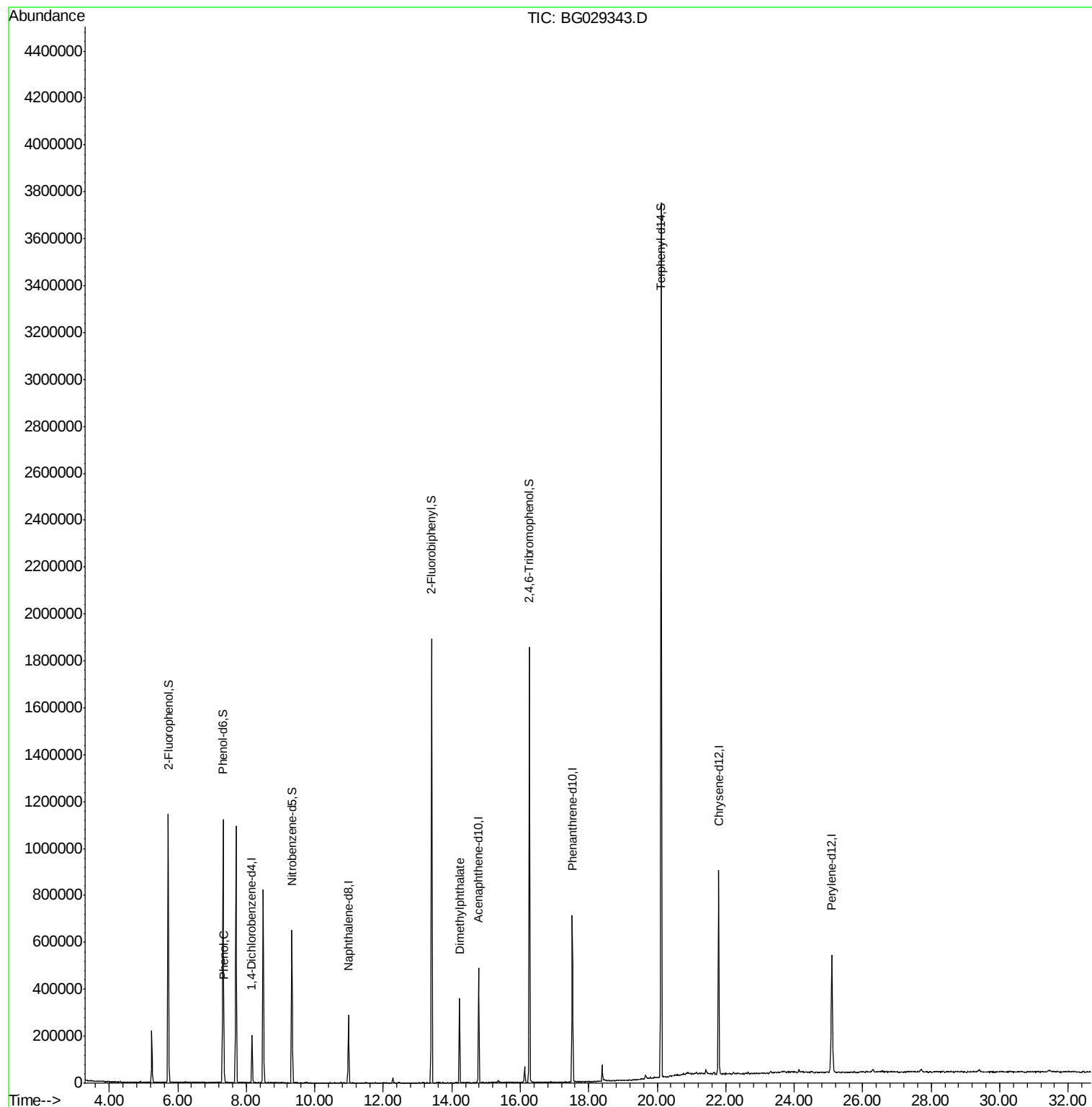
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58789	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	259385	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	173563	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	453804	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	519442	20.00	ng	-0.01
86) Perylene-d12	25.10	264	530178	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	512248	145.56	ng	0.00
7) Phenol-d6	7.32	99	685526	138.78	ng	0.00
23) Nitrobenzene-d5	9.33	82	399614	97.90	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	367020	163.78	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	992448	83.86	ng	0.00
78) Terphenyl-d14	20.12	244	1743448	76.36	ng	0.00
Target Compounds						
10) Phenol	7.35	94	40516	7.608	ng	93
49) Dimethylphthalate	14.23	163	256002	18.904	ng	100

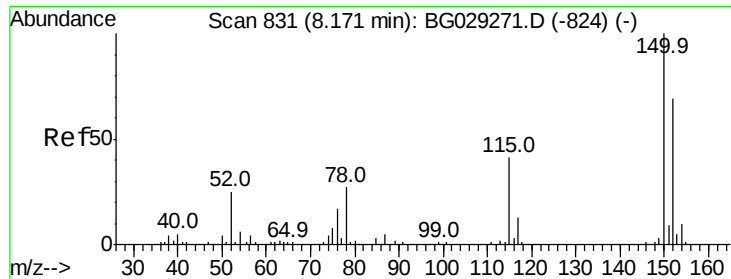
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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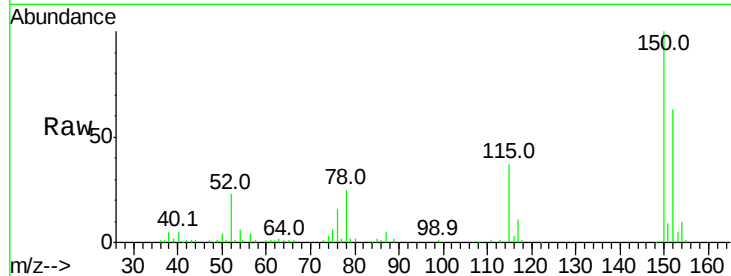


#1

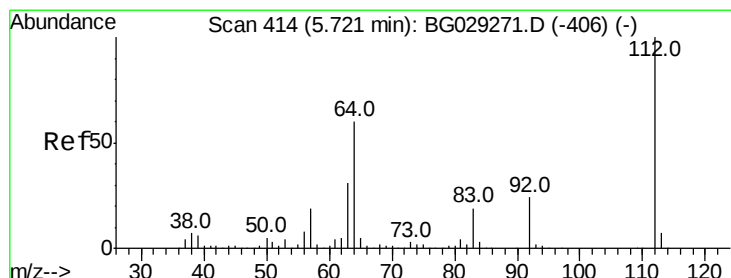
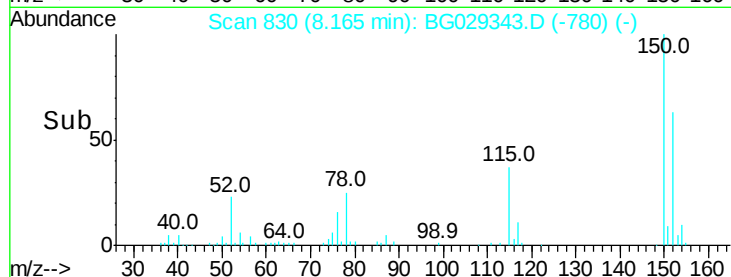
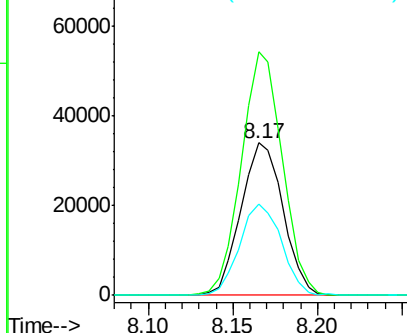
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58789
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 59.8 53.0 79.4



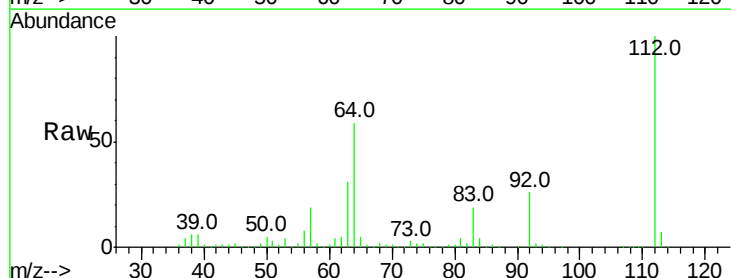
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



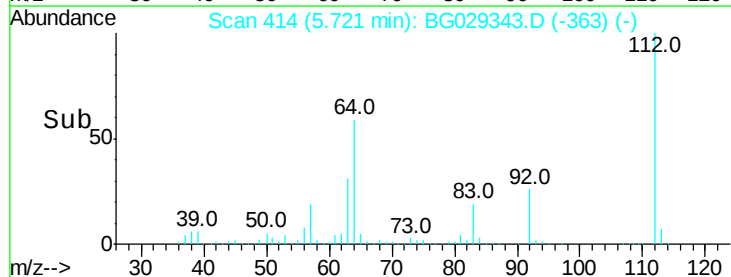
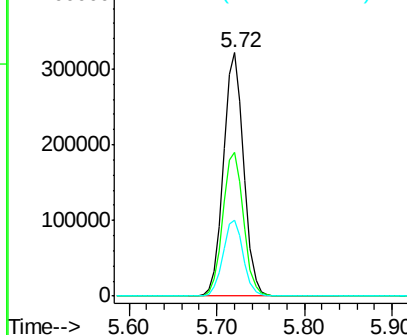
#5

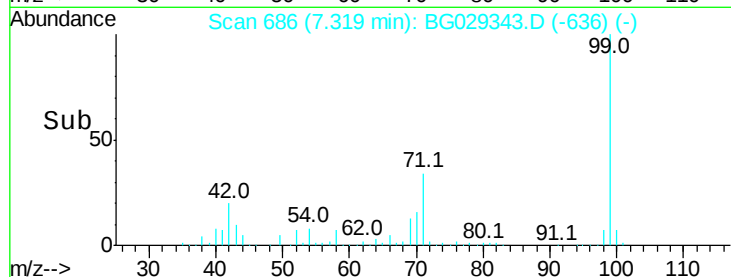
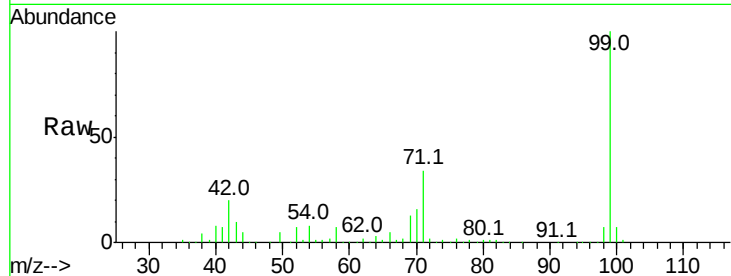
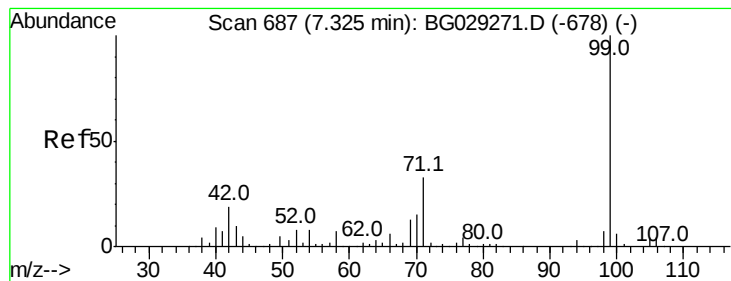
2-Fluorophenol
Concen: 145.561 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Tgt Ion:112 Resp: 512248
Ion Ratio Lower Upper
112 100
64 58.9 56.3 84.5
63 31.3 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: 138.780 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

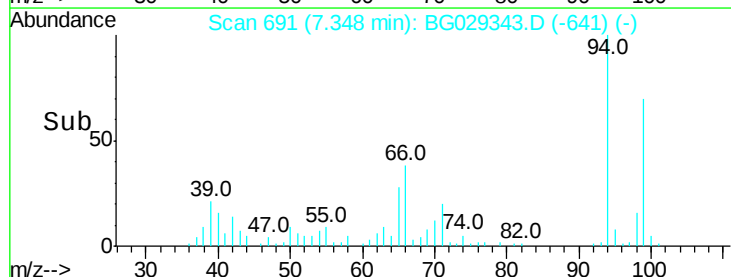
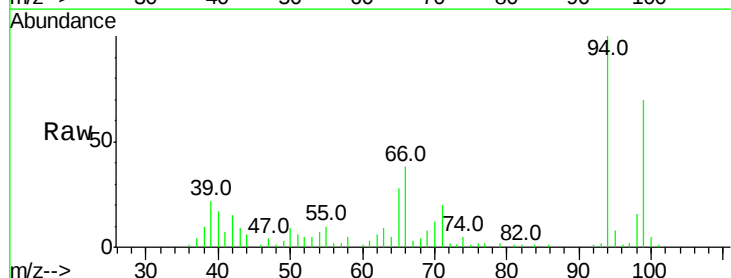
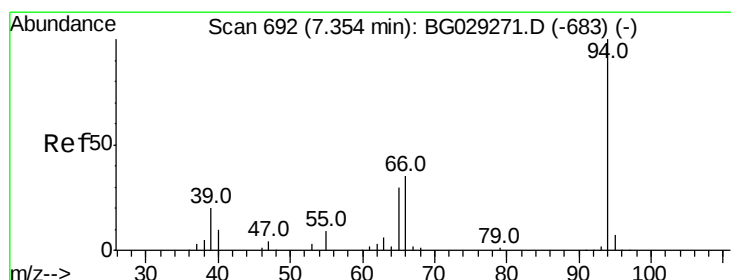
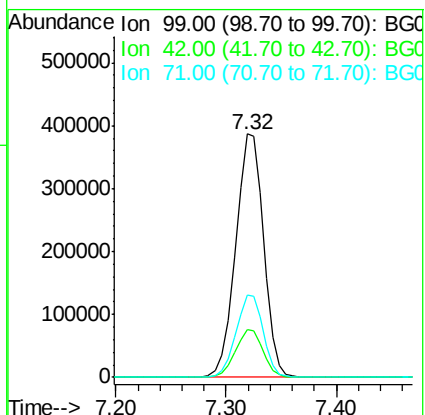
Tot Ion: 99 Resp: 685526

Ion Ratio Lower Upper

99 100

42 19.5 14.1 21.1

71 33.7 26.1 39.1



#10

Phenol

Concen: 7.608 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

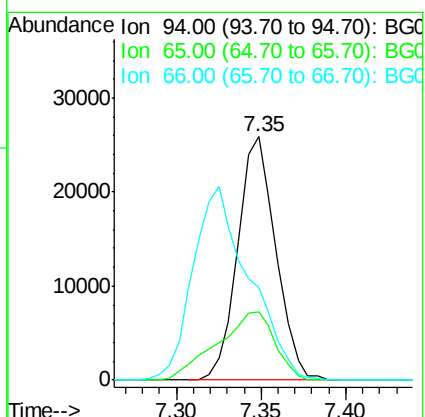
Tgt Ion: 94 Resp: 40516

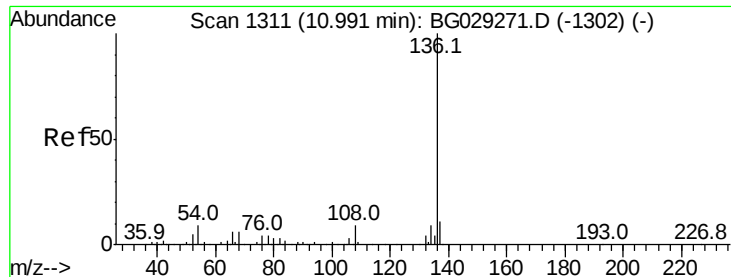
Ion Ratio Lower Upper

94 100

65 28.0 11.9 51.9

66 38.0 22.2 62.2

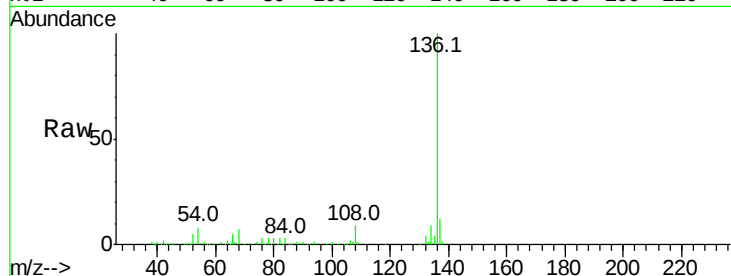




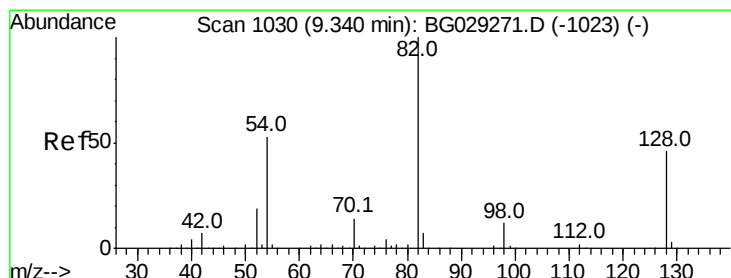
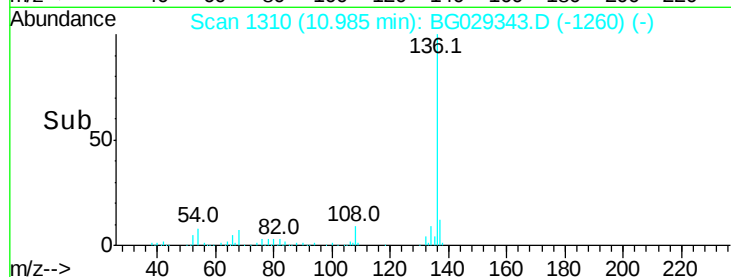
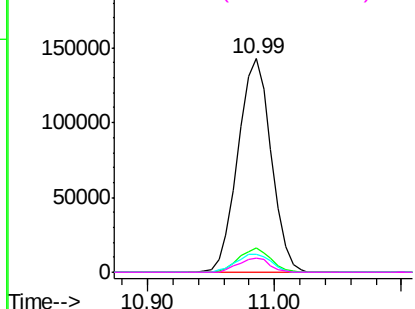
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	259385
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.2 13.8
54	8.3	10.3 15.5#
68	6.5	4.5 6.7

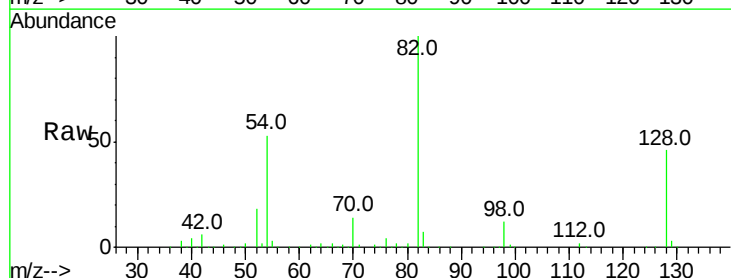


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

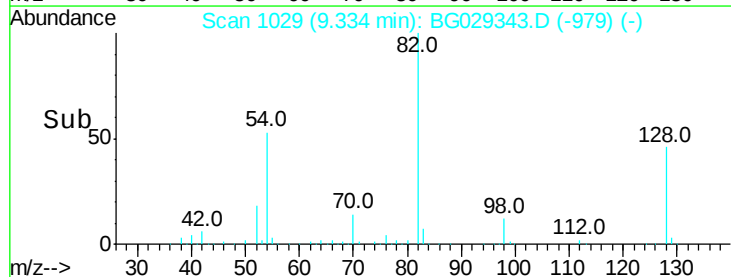
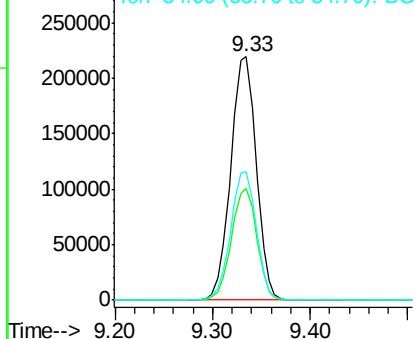


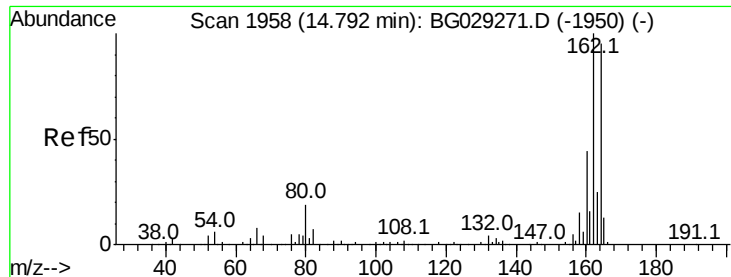
#23
Nitrobenzene-d5
Concen: 97.902 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Tgt Ion: 82	Resp:	399614
Ion	Ratio	Lower Upper
82	100	
128	46.1	29.7 44.5#
54	52.9	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: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

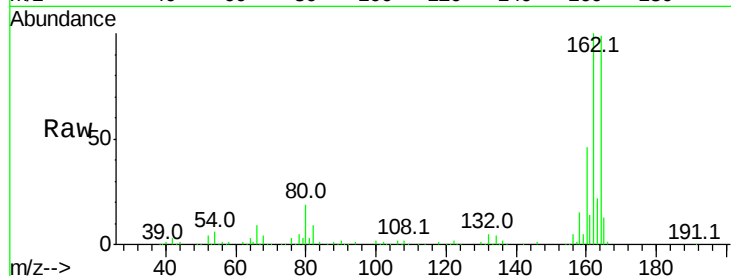
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 173563

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	46.4	35.4	53.0

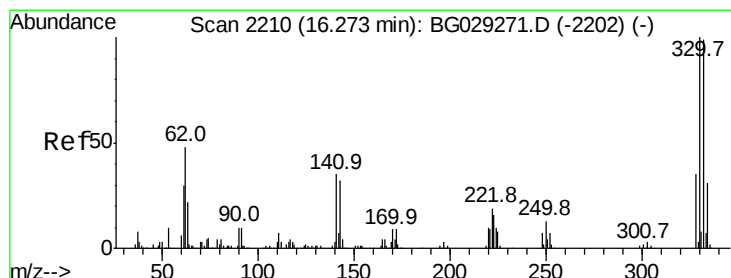
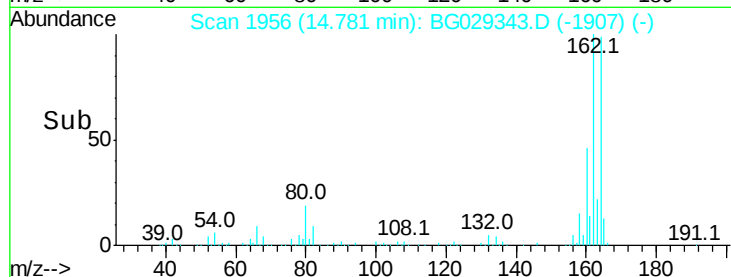
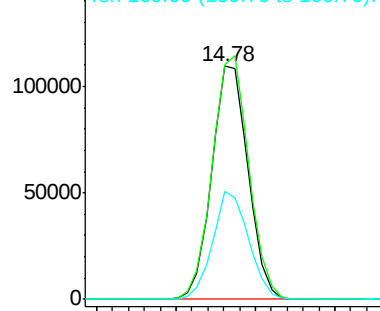


Abundance

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: 163.784 ng

RT: 16.27 min Scan# 2209

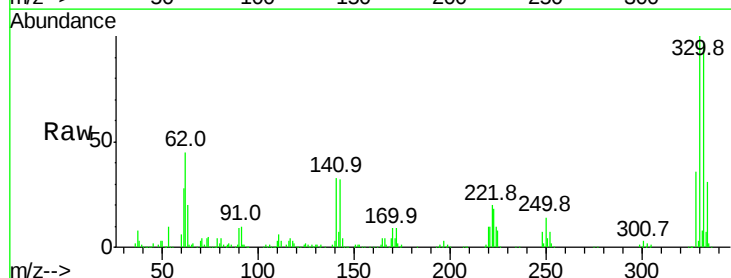
Delta R.T. -0.01 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

Tgt Ion:330 Resp: 367020

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.8	25.2	37.8

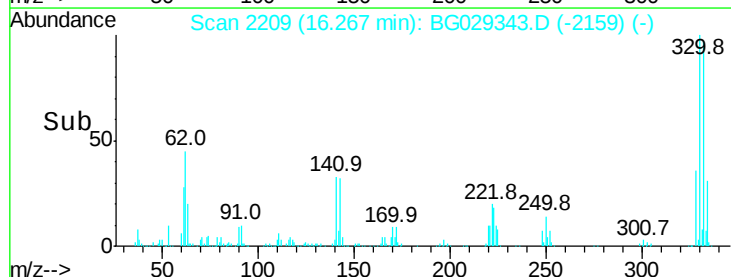
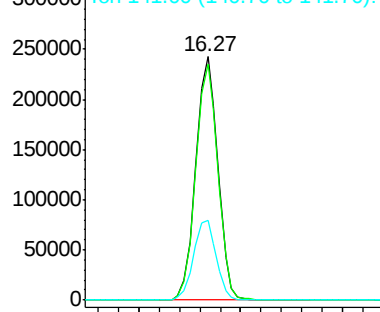


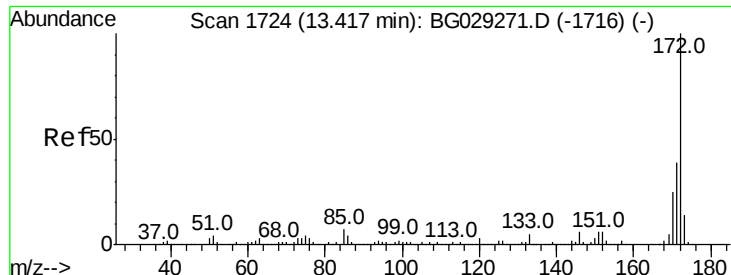
Abundance

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

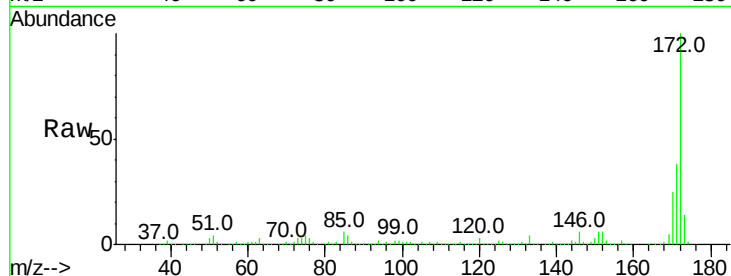




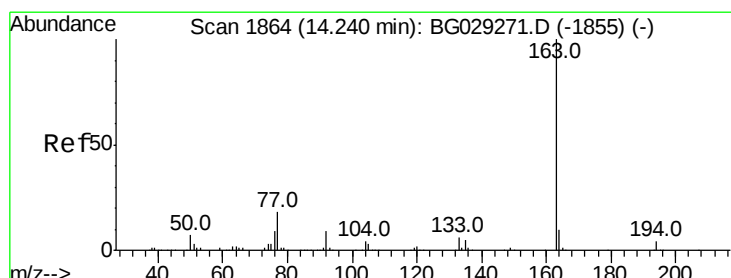
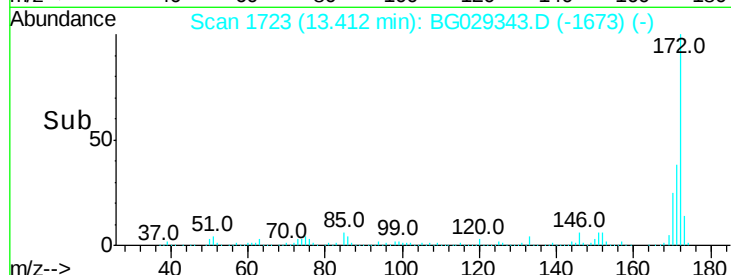
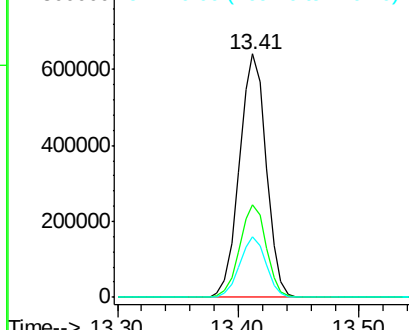
#44
2-Fluorobiphenyl
Concen: 83.865 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 992448
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 24.6 19.5 29.3

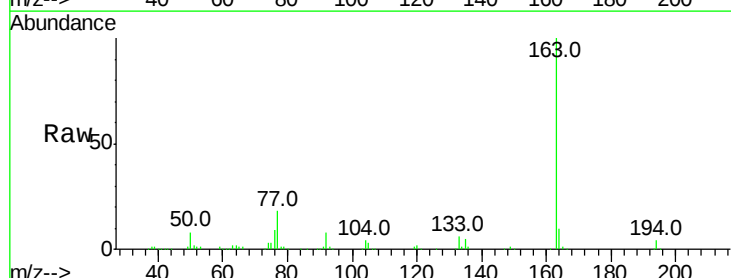


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

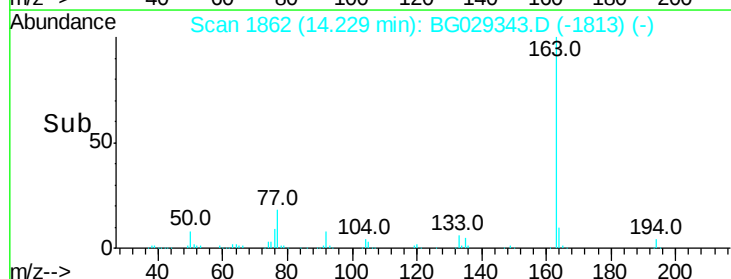
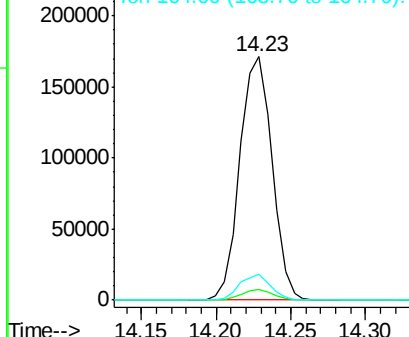


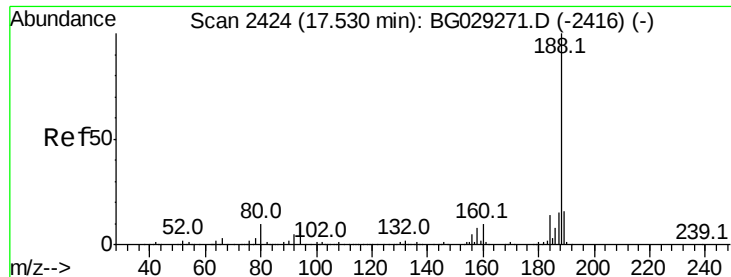
#49
Dimethylphthalate
Concen: 18.904 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Tgt Ion:163 Resp: 256002
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

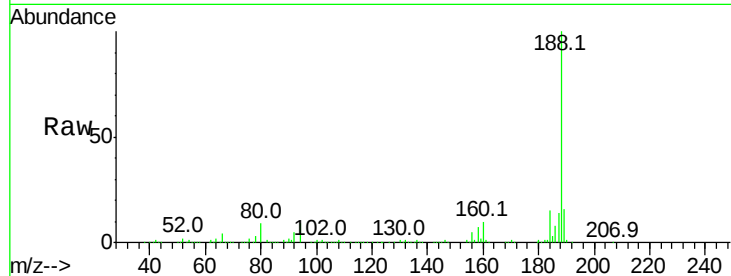




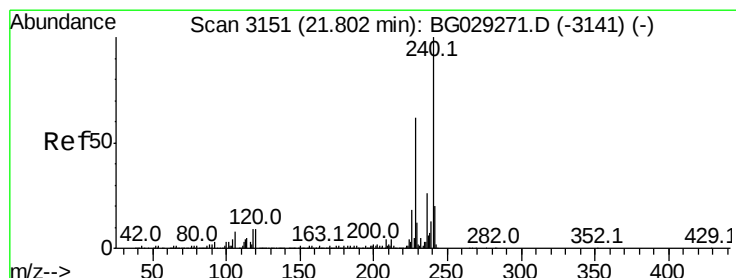
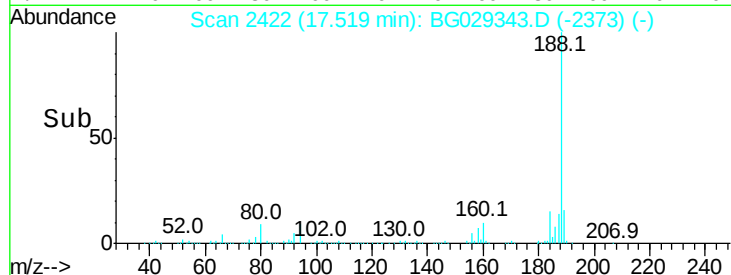
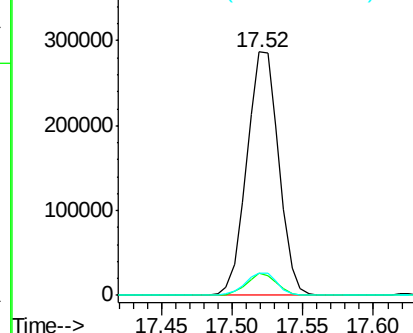
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 453804
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.3 7.7 11.5

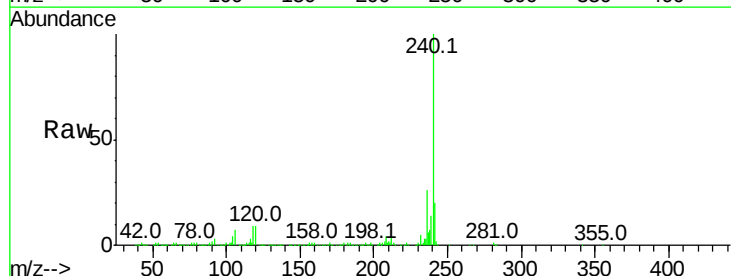


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

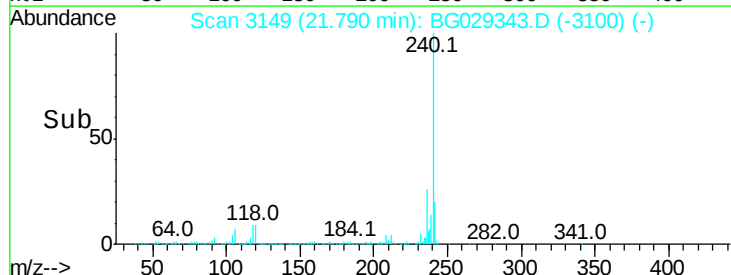
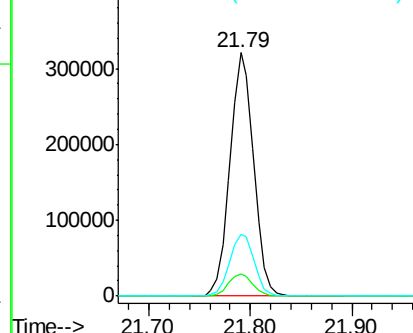


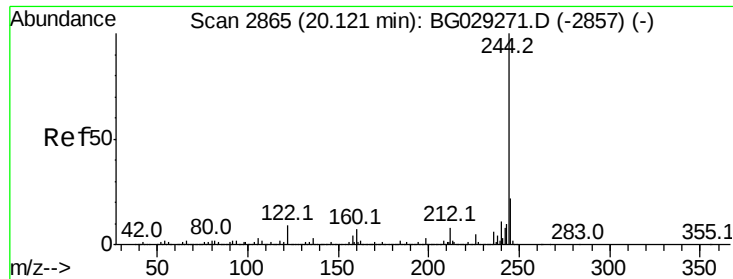
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029343.D
Acq: 18 Oct 2017 22:31

Tgt Ion:240 Resp: 519442
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 25.6 20.9 31.3



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





#78

Terphenyl-d14

Concen: 76.355 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

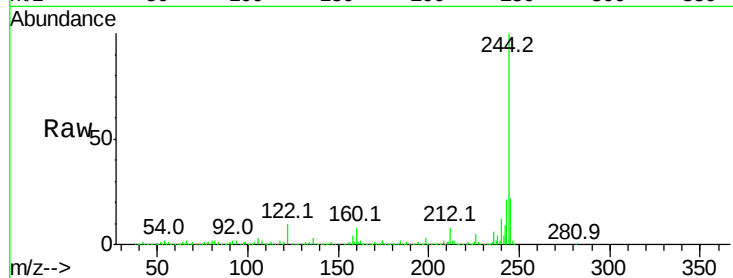
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1743448

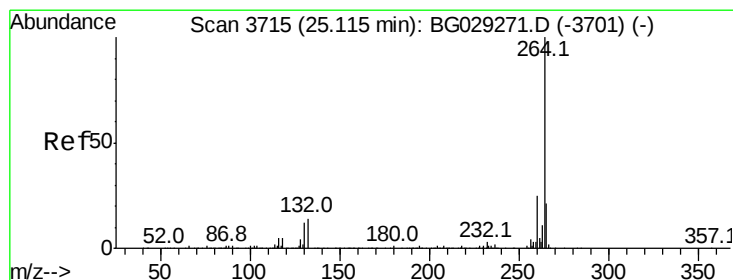
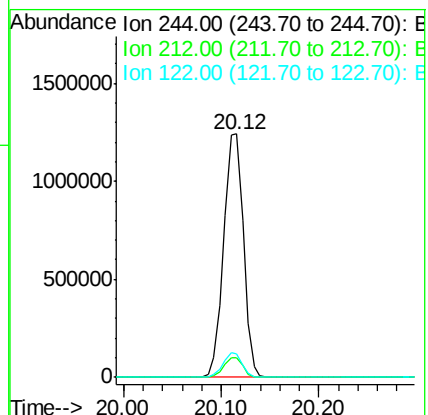
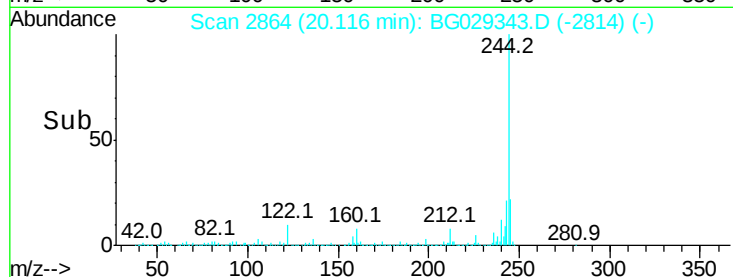
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	9.7	7.0	10.4



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

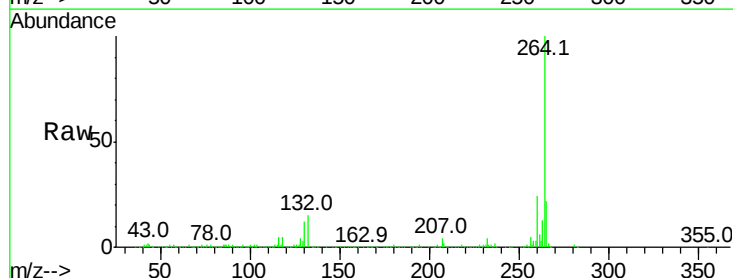
Delta R.T. -0.02 min

Lab File: BG029343.D

Acq: 18 Oct 2017 22:31

Tgt Ion:264 Resp: 530178

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.0	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

