

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029304.D
 Acq On : 17 Oct 2017 16:54
 Operator : SJ/JU
 Sample : I5794-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 00:52:24 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

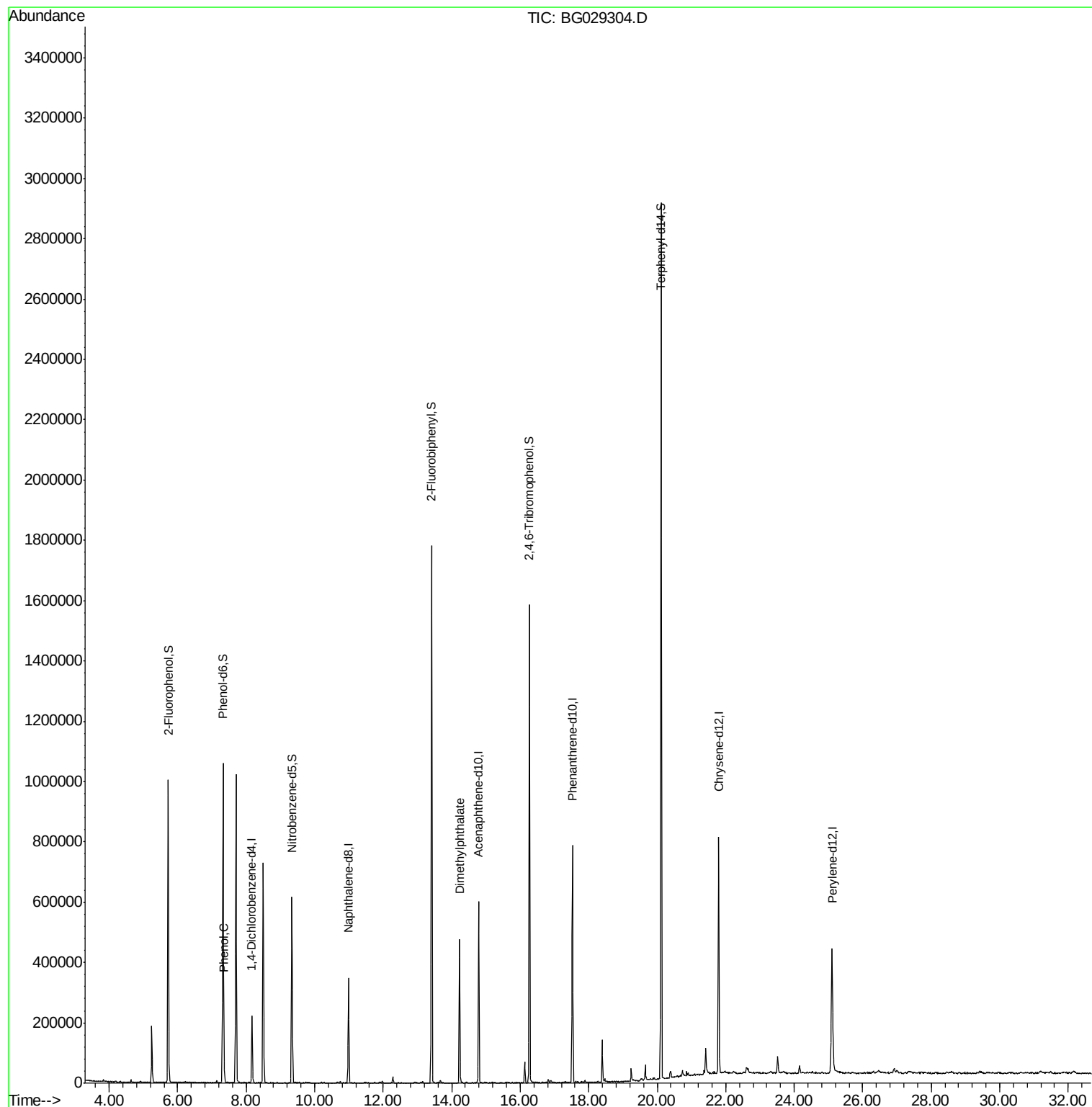
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66160	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	311014	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	205332	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	471844	20.00	ng	0.00
75) Chrysene-d12	21.79	240	497856	20.00	ng	0.00
86) Perylene-d12	25.11	264	506530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	461154	116.44	ng	0.00
7) Phenol-d6	7.32	99	638402	114.84	ng	0.00
23) Nitrobenzene-d5	9.34	82	370682	75.74	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	314688	118.70	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	949591	67.83	ng	0.00
78) Terphenyl-d14	20.12	244	1378217	62.98	ng	0.00
Target Compounds						
10) Phenol	7.35	94	40078	6.69	ng	95
49) Dimethylphthalate	14.23	163	329348	20.56	ng	99

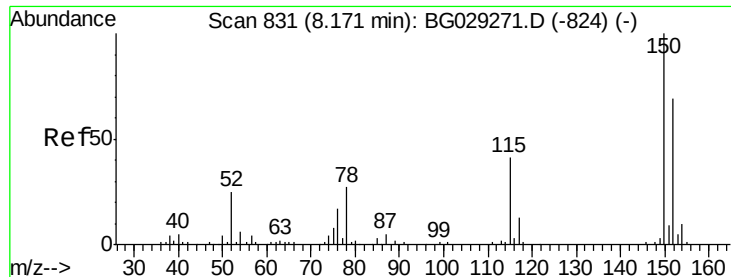
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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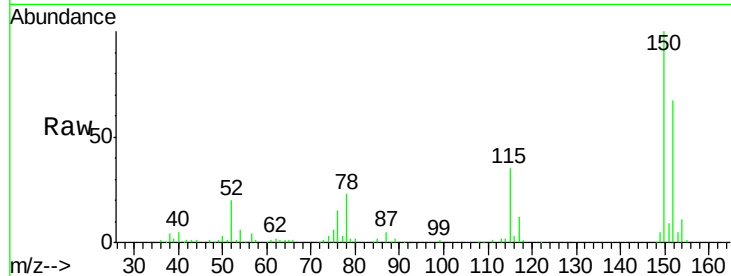


#1

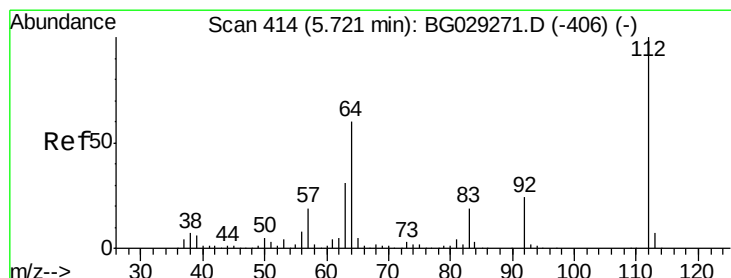
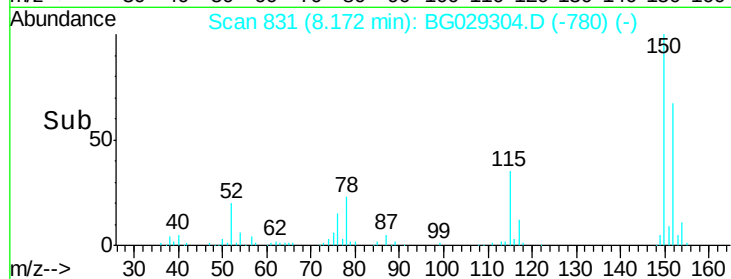
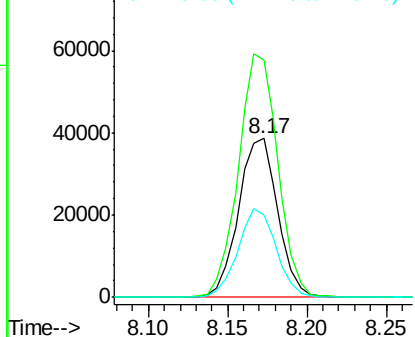
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029304.D
Acq: 17 Oct 2017 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66160
Ion Ratio Lower Upper
152 100
150 148.9 126.6 189.8
115 51.9 53.0 79.4#



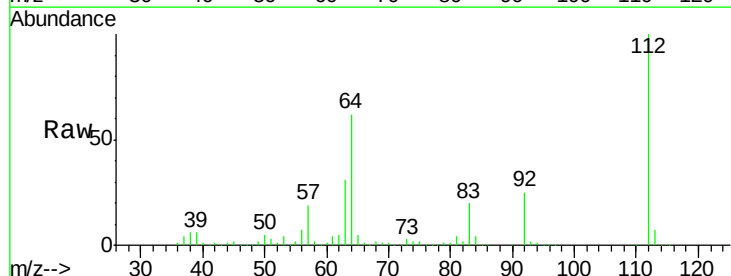
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



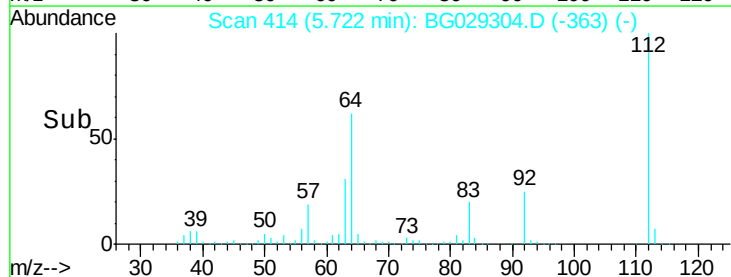
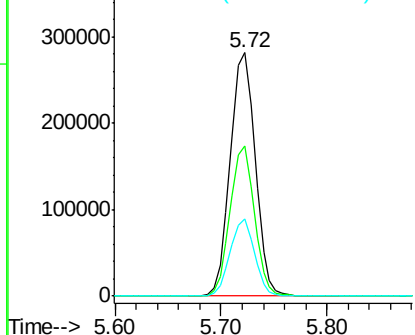
#5

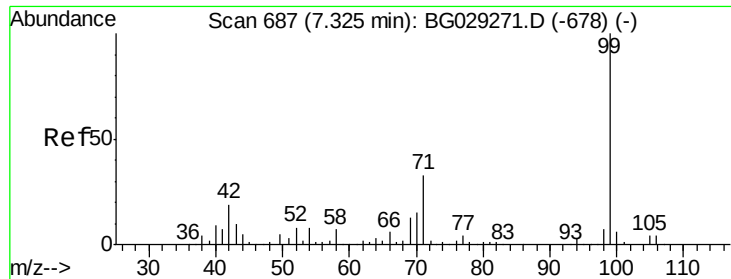
2-Fluorophenol
Concen: 116.44 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029304.D
Acq: 17 Oct 2017 16:54

Tgt Ion:112 Resp: 461154
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 31.5 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: 114.84 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029304.D

Acq: 17 Oct 2017 16:54

Instrument :

BNA_G

ClientSampled :

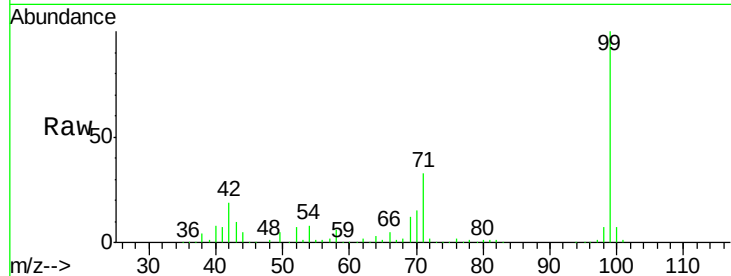
Tot Ion: 99 Resp: 638402

Ion Ratio Lower Upper

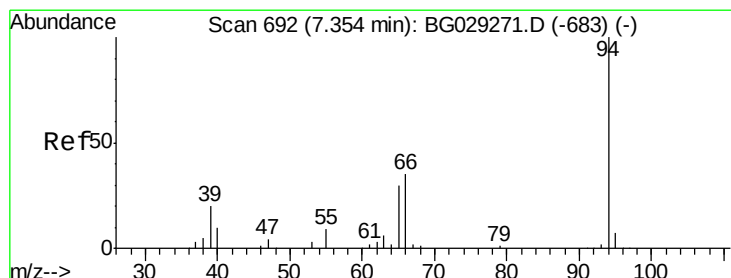
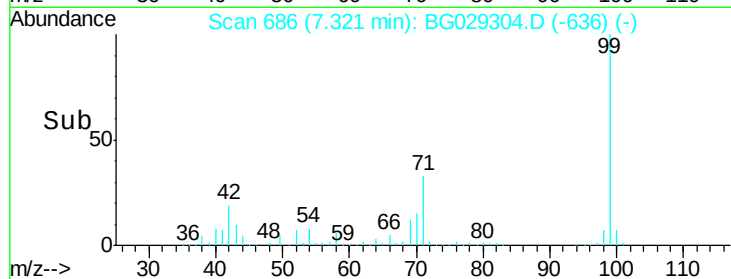
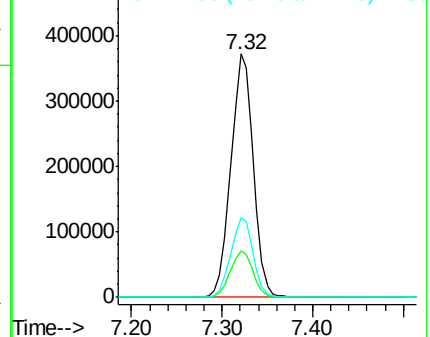
99 100

42 19.3 14.1 21.1

71 32.9 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: 6.69 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029304.D

Acq: 17 Oct 2017 16:54

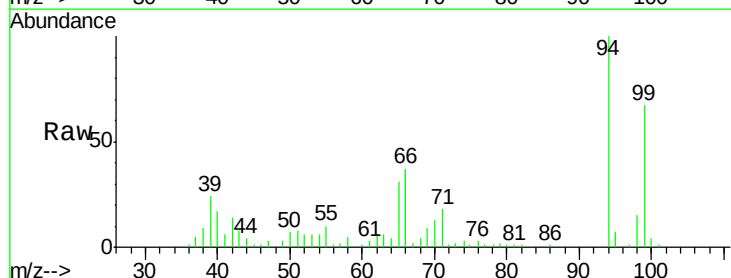
Tgt Ion: 94 Resp: 40078

Ion Ratio Lower Upper

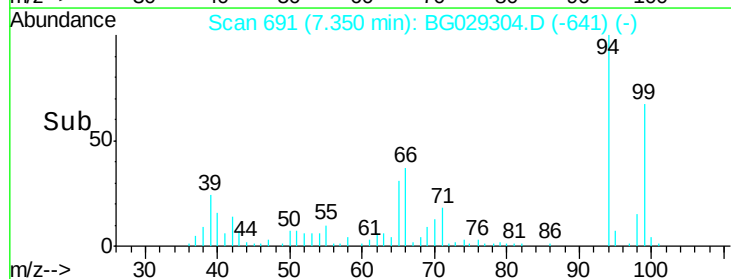
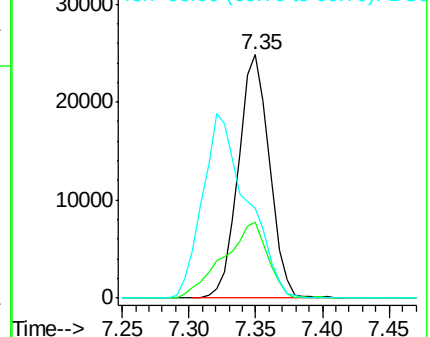
94 100

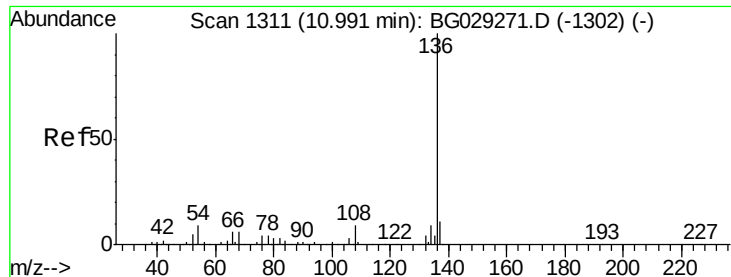
65 31.4 11.9 51.9

66 36.9 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

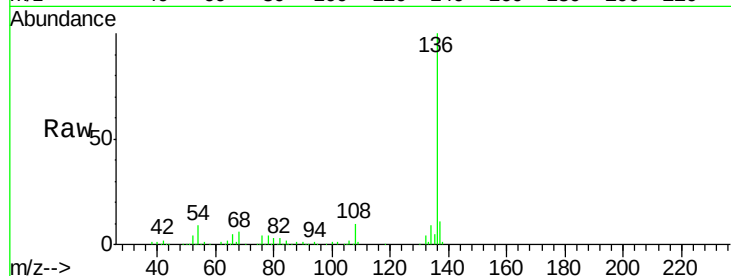




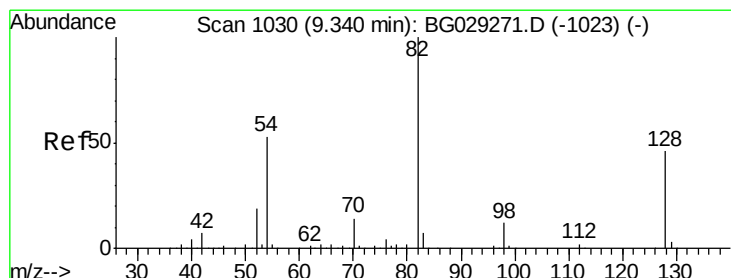
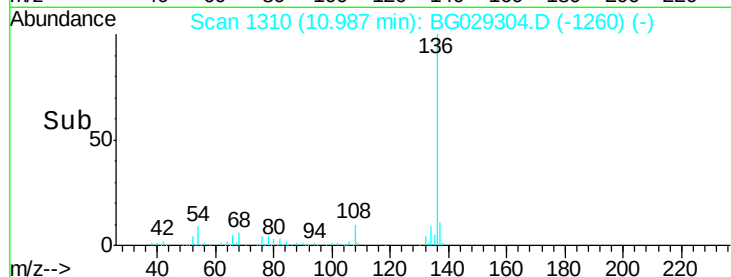
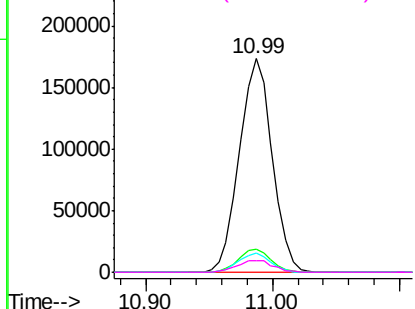
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029304.D
Acq: 17 Oct 2017 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	311014
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	8.8	10.3 15.5#
68	5.5	4.5 6.7

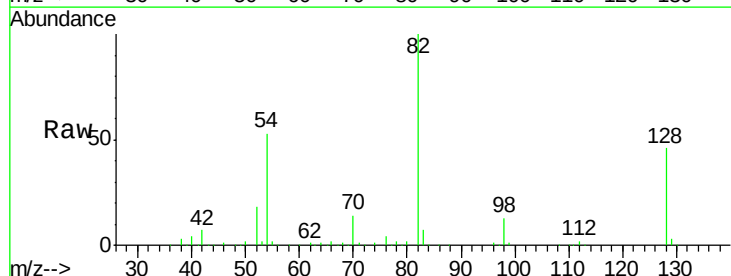


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

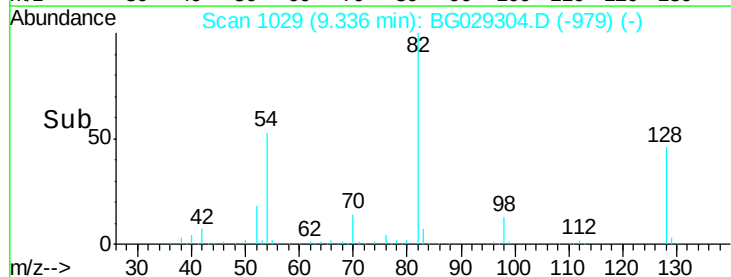
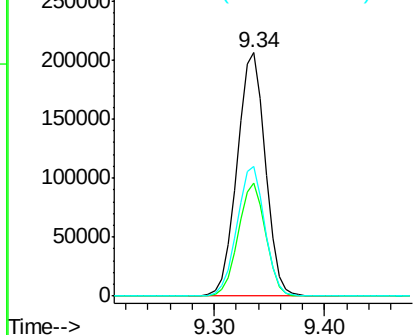


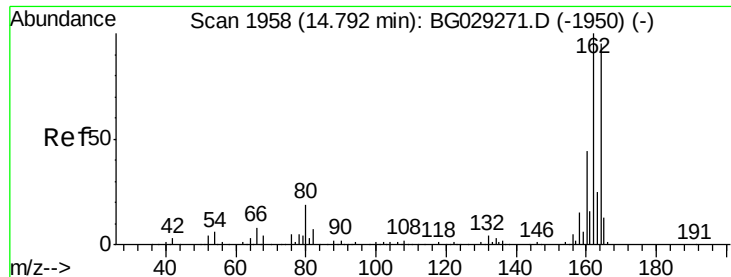
#23
Nitrobenzene-d5
Concen: 75.74 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG029304.D
Acq: 17 Oct 2017 16:54

Tgt Ion: 82	Resp:	370682
Ion Ratio	Lower	Upper
82	100	
128	46.3	29.7 44.5#
54	53.3	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG029304.D

Acq: 17 Oct 2017 16:54

Instrument :

BNA_G

ClientSampleId :

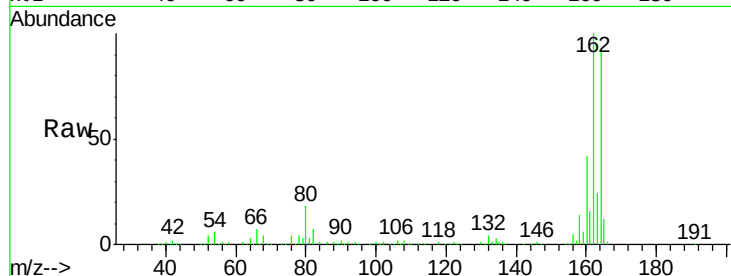
Tot Ion:164 Resp: 205332

Ion Ratio Lower Upper

164 100

162 108.4 78.8 118.2

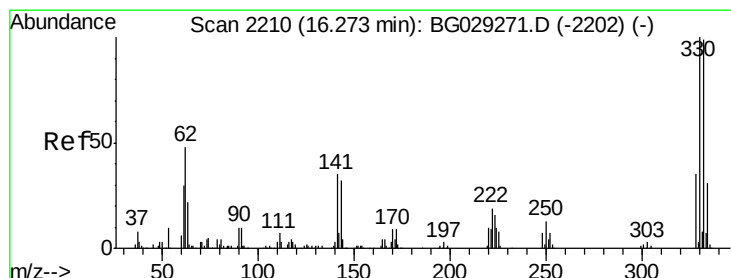
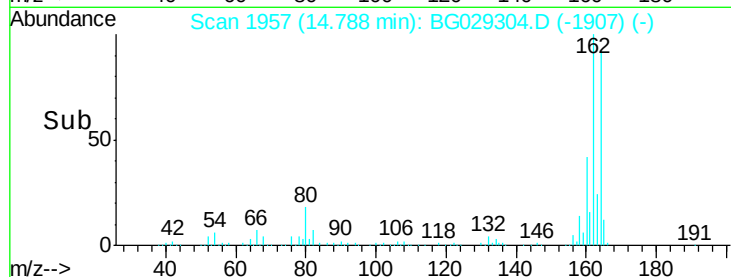
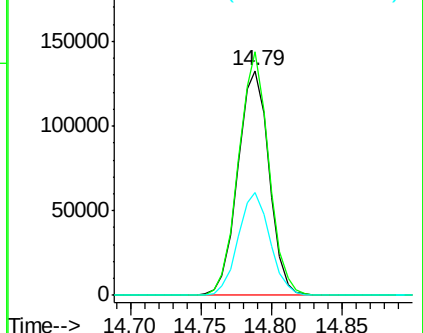
160 45.8 35.4 53.0



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: 118.70 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG029304.D

Acq: 17 Oct 2017 16:54

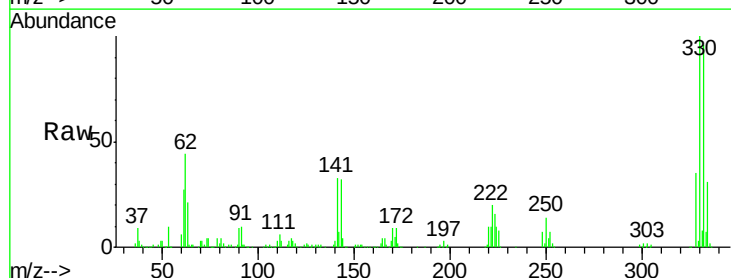
Tgt Ion:330 Resp: 314688

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

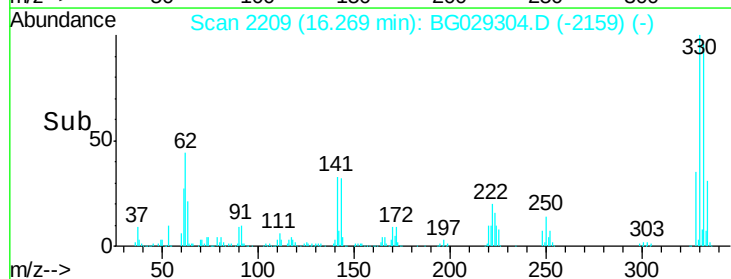
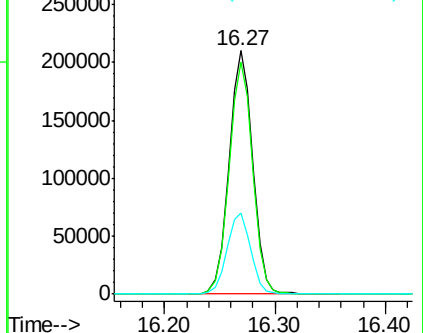
141 33.8 25.2 37.8

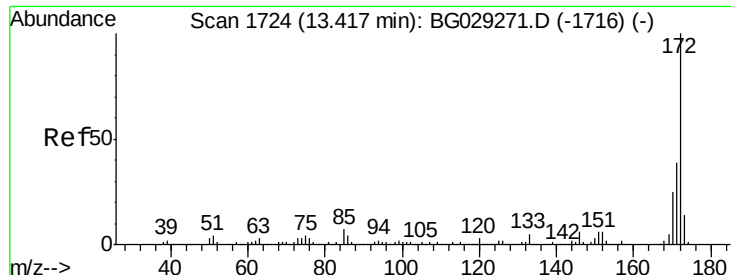


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

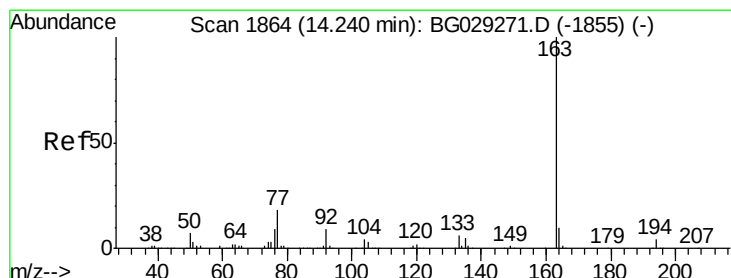
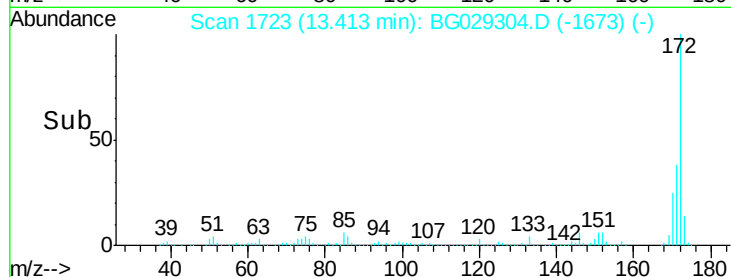
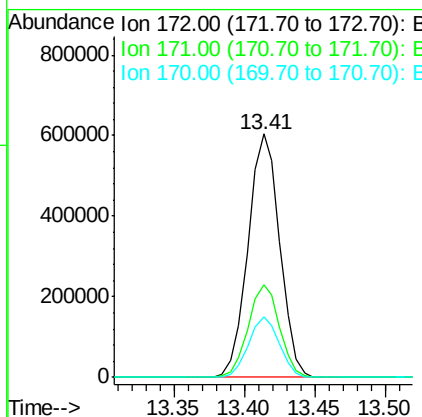
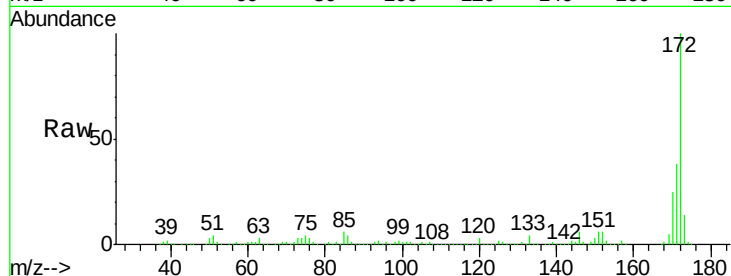




#44
2-Fluorobiphenyl
Concen: 67.83 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029304.D
Acq: 17 Oct 2017 16:54

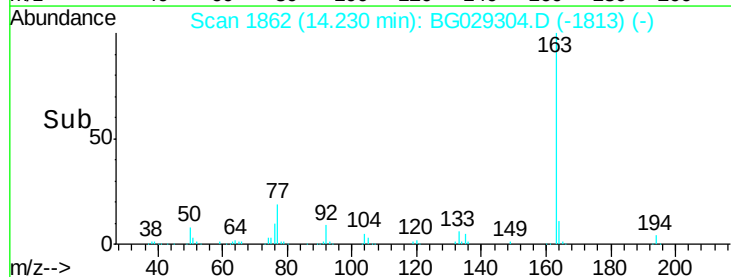
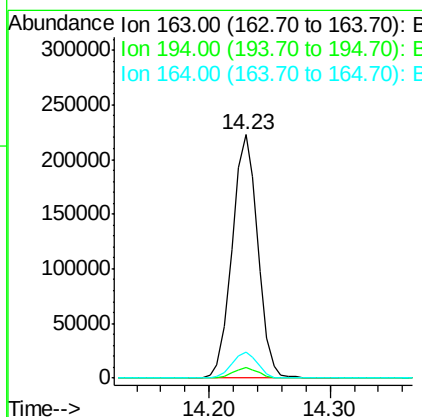
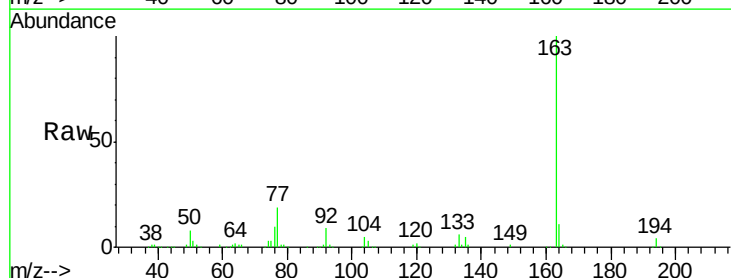
Instrument :
BNA_G
ClientSampleId :

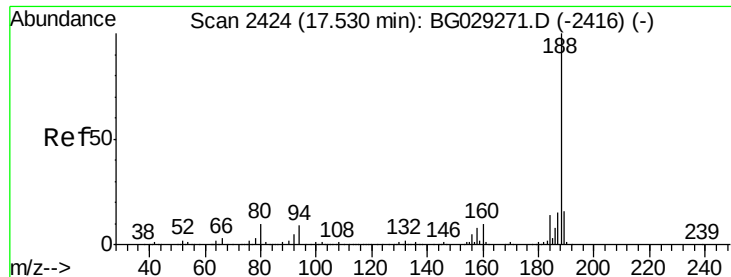
Tot Ion:172 Resp: 949591
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 24.8 19.5 29.3



#49
Dimethylphthalate
Concen: 20.56 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029304.D
Acq: 17 Oct 2017 16:54

Tgt Ion:163 Resp: 329348
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.8 8.2 12.4

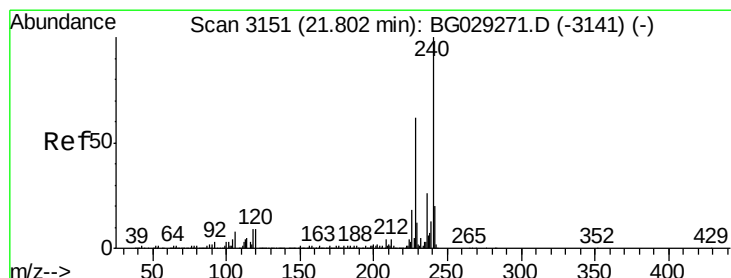
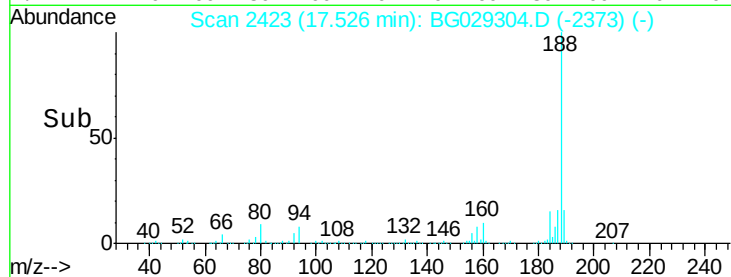
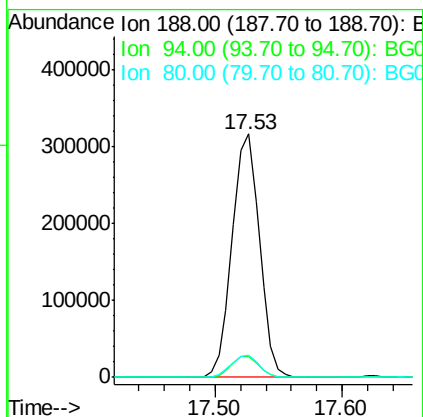
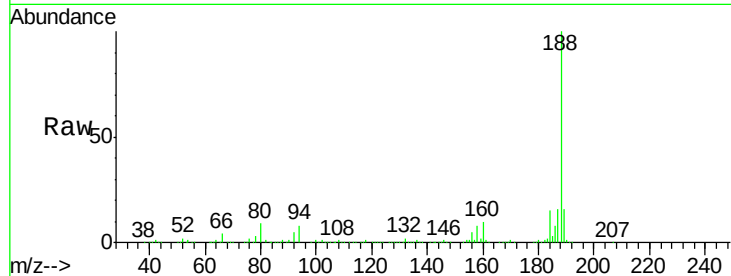




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG029304.D
Acq: 17 Oct 2017 16:54

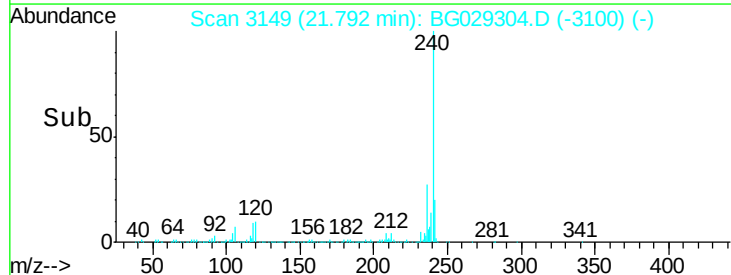
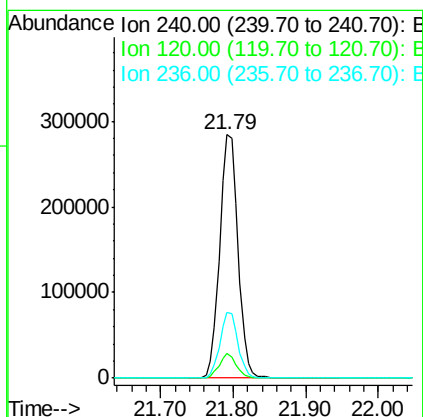
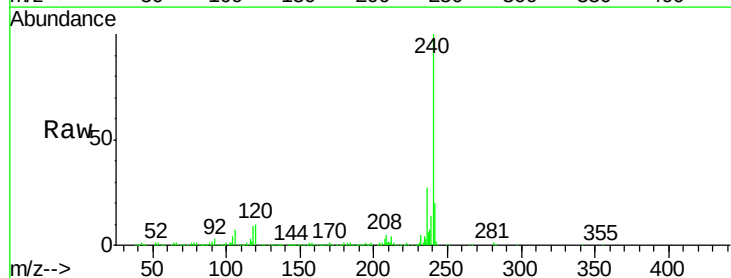
Instrument :
BNA_G
ClientSampleId :

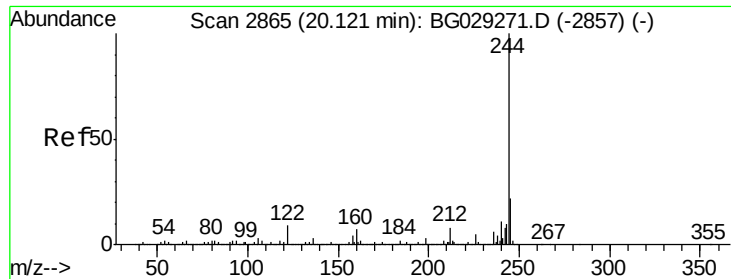
Tot Ion:188 Resp: 471844
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029304.D
Acq: 17 Oct 2017 16:54

Tgt Ion:240 Resp: 497856
Ion Ratio Lower Upper
240 100
120 10.3 6.8 10.2#
236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 62.98 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029304.D

Acq: 17 Oct 2017 16:54

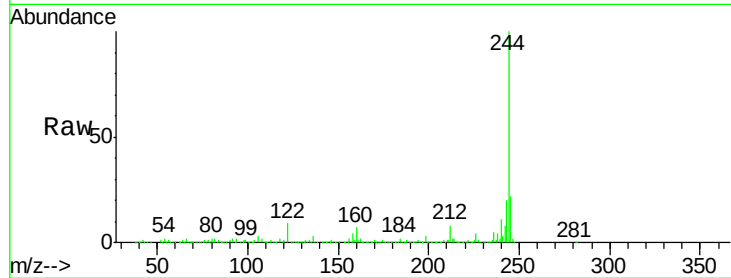
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1378217

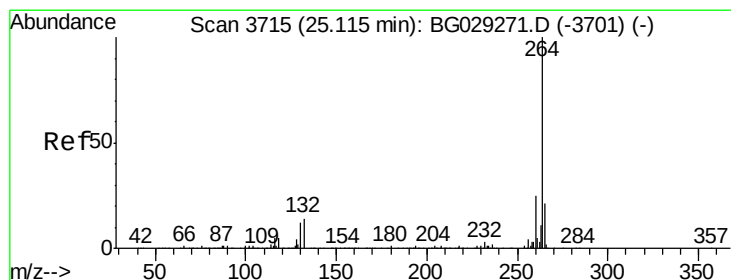
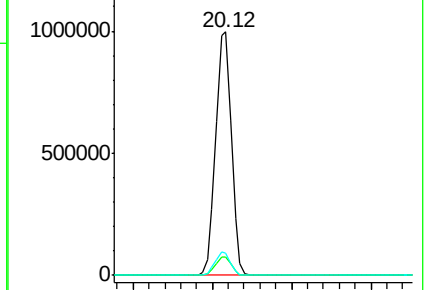
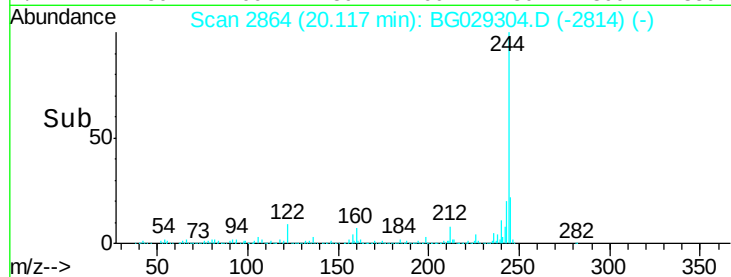
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.2	7.0	10.4



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: 20.00 ng

RT: 25.11 min Scan# 3713

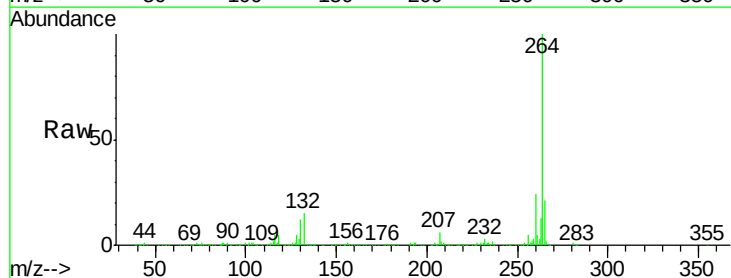
Delta R.T. -0.01 min

Lab File: BG029304.D

Acq: 17 Oct 2017 16:54

Tgt Ion:264 Resp: 506530

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.2	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

