

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029363.D
 Acq On : 19 Oct 2017 12:38
 Operator : SJ/JU
 Sample : I5901-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:38:48 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

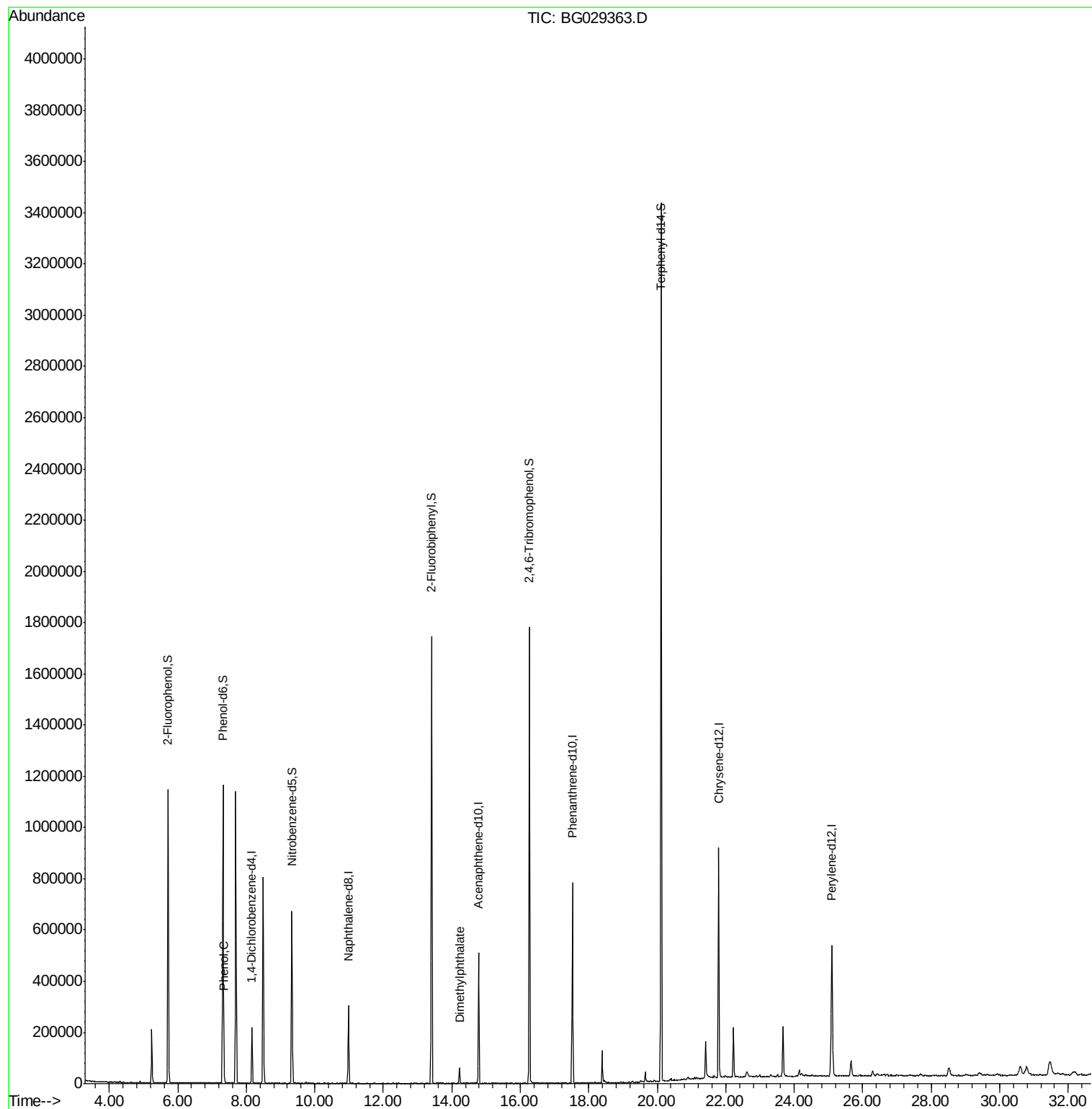
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	61481	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	271234	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	182885	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	485193	20.00	ng	0.00
75) Chrysene-d12	21.79	240	566509	20.00	ng	-0.01
86) Perylene-d12	25.10	264	566546	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	527963	143.46	ng	0.00
7) Phenol-d6	7.32	99	689823	133.54	ng	0.00
23) Nitrobenzene-d5	9.33	82	406134	95.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	363606	153.99	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	939153	75.32	ng	0.00
78) Terphenyl-d14	20.11	244	1602457	64.35	ng	0.00
Target Compounds						
10) Phenol	7.35	94	30287	5.438	ng	95
49) Dimethylphthalate	14.23	163	43295	3.034	ng	96

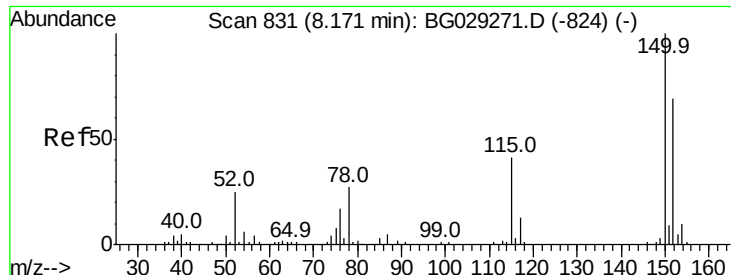
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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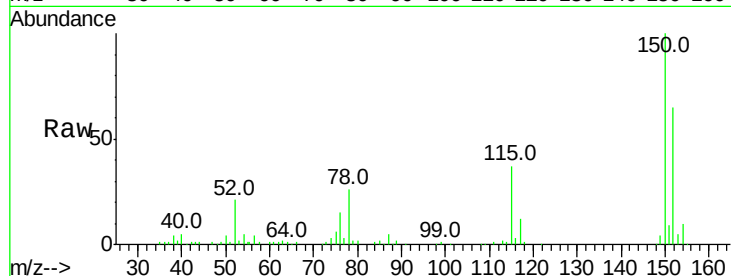


#1

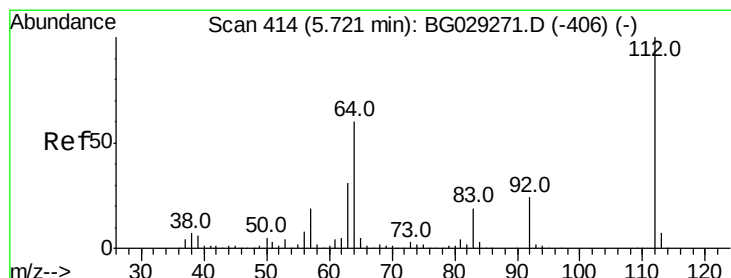
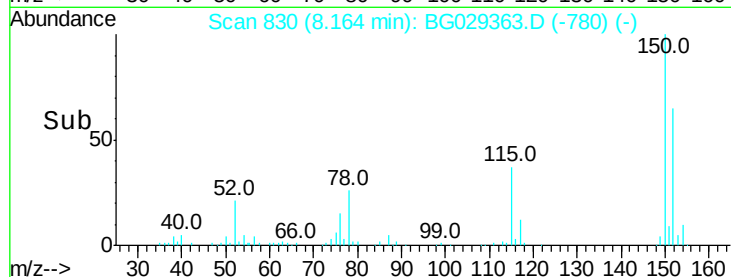
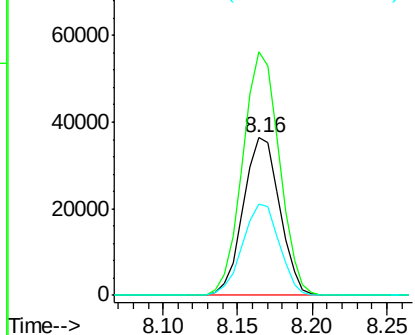
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029363.D
Acq: 19 Oct 2017 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61481
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 58.0 53.0 79.4



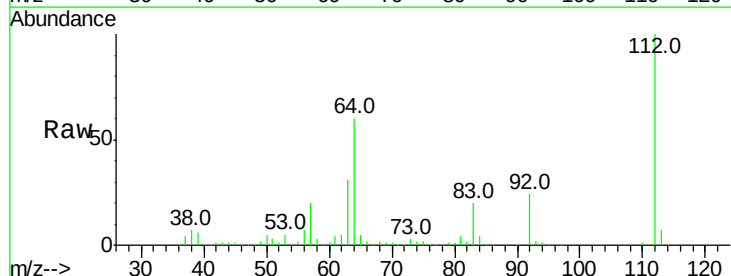
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



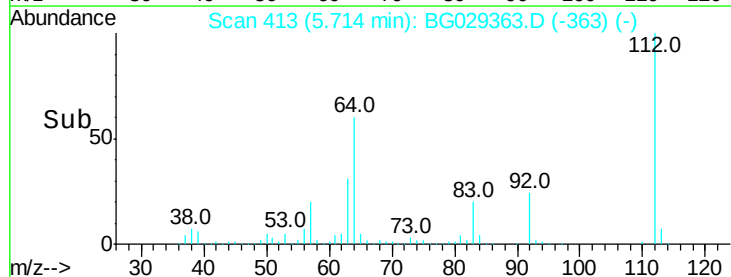
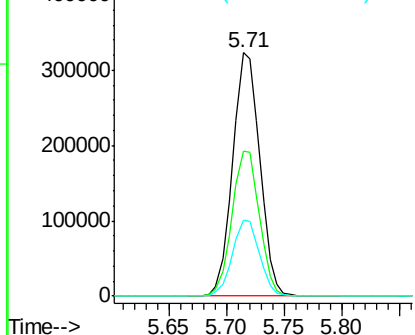
#5

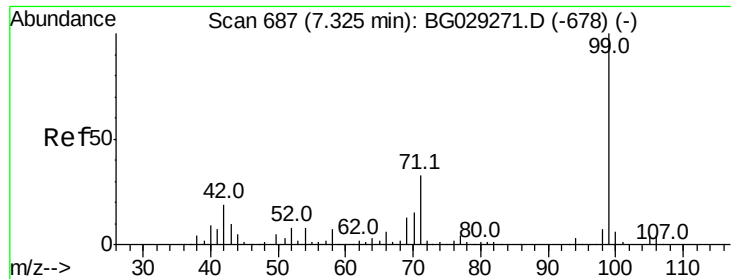
2-Fluorophenol
Concen: 143.457 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG029363.D
Acq: 19 Oct 2017 12:38

Tgt Ion:112 Resp: 527963
Ion Ratio Lower Upper
112 100
64 59.6 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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 133.535 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029363.D

Acq: 19 Oct 2017 12:38

Instrument :

BNA_G

ClientSampled :

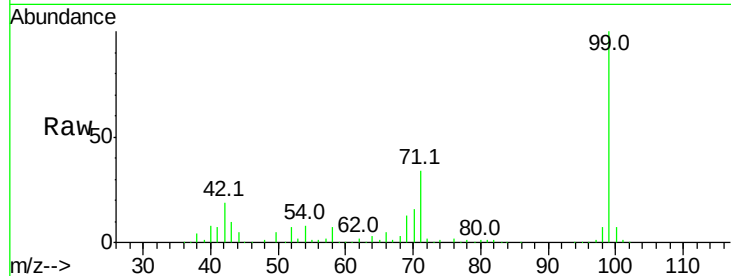
Tot Ion: 99 Resp: 689823

Ion Ratio Lower Upper

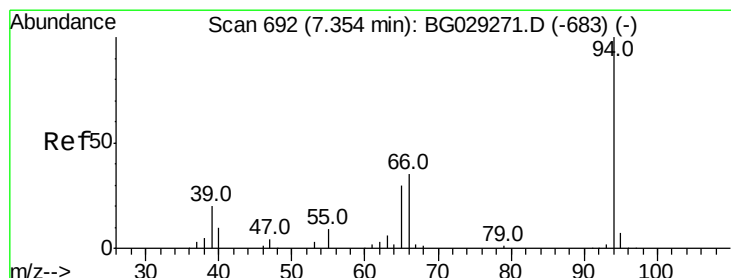
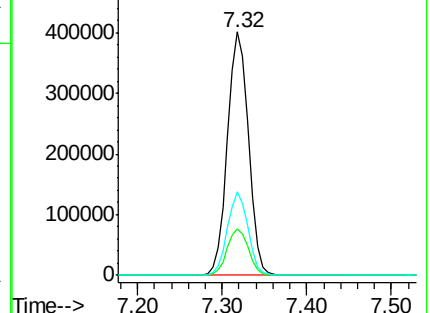
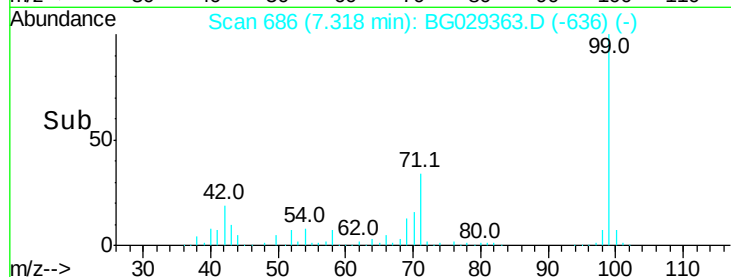
99 100

42 19.4 14.1 21.1

71 34.1 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: 5.438 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029363.D

Acq: 19 Oct 2017 12:38

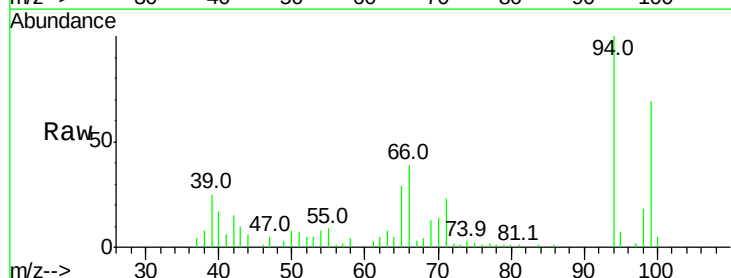
Tgt Ion: 94 Resp: 30287

Ion Ratio Lower Upper

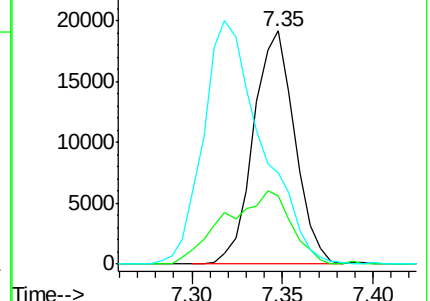
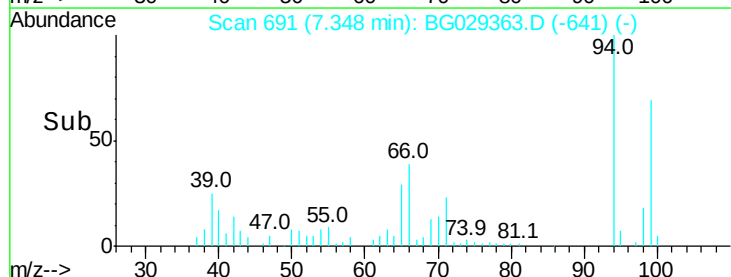
94 100

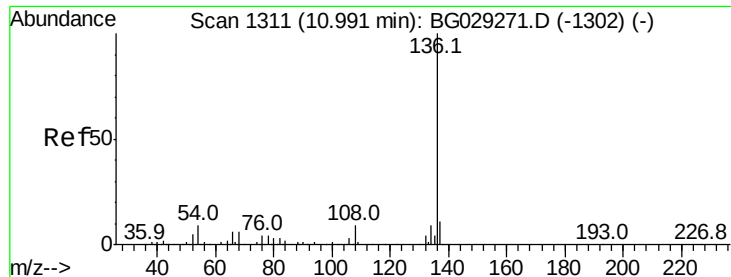
65 29.2 11.9 51.9

66 39.3 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

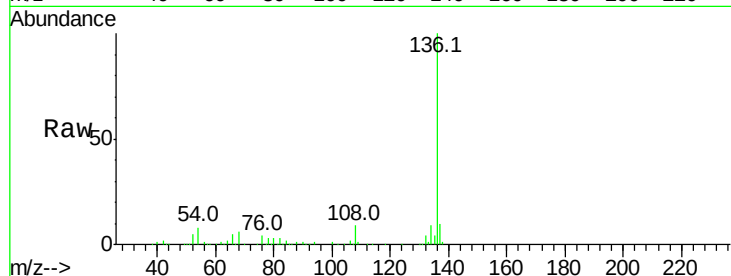




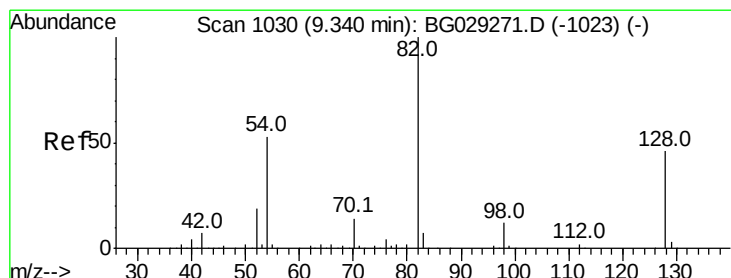
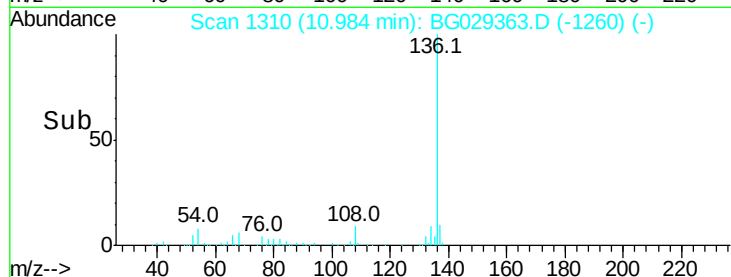
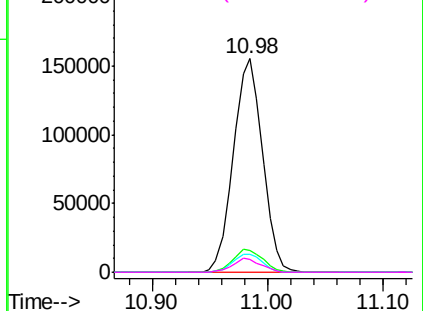
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029363.D
Acq: 19 Oct 2017 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	271234
Ion Ratio	Lower	Upper
136 100		
137 10.3	9.2	13.8
54 8.2	10.3	15.5#
68 6.0	4.5	6.7

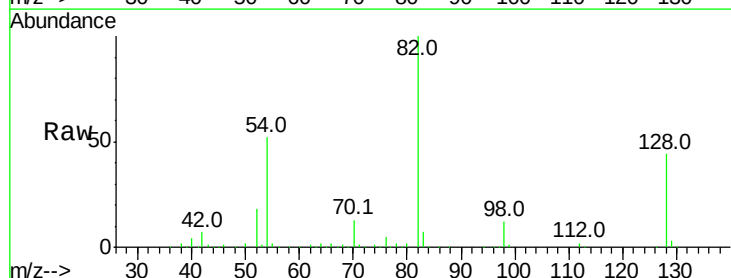


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

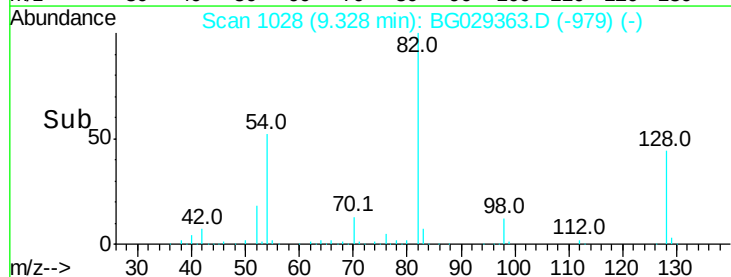
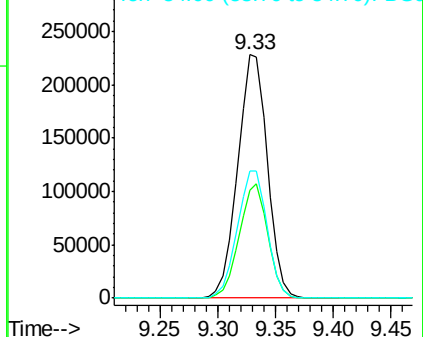


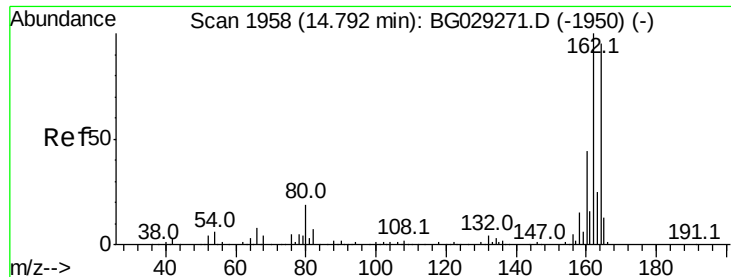
#23
Nitrobenzene-d5
Concen: 95.153 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029363.D
Acq: 19 Oct 2017 12:38

Tgt Ion: 82	Resp: 406134
Ion Ratio	Lower Upper
82 100	
128 44.2	29.7 44.5
54 52.3	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: BG029363.D

Acq: 19 Oct 2017 12:38

Instrument :

BNA_G

ClientSampleId :

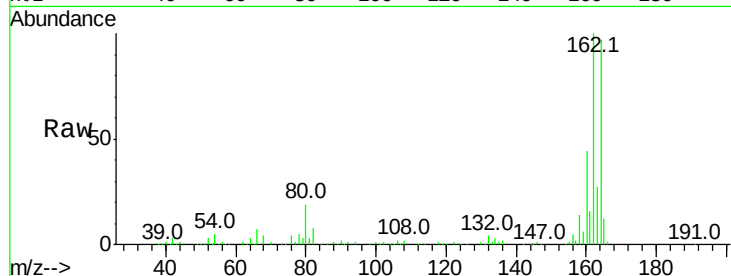
Tot Ion:164 Resp: 182885

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

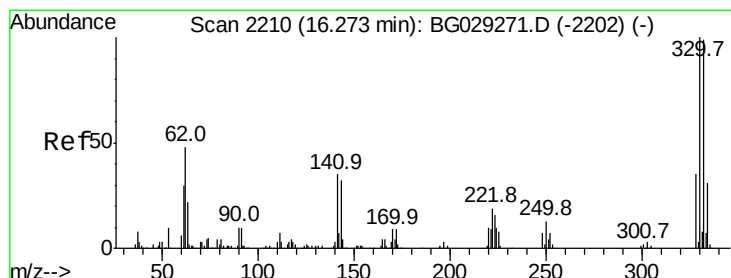
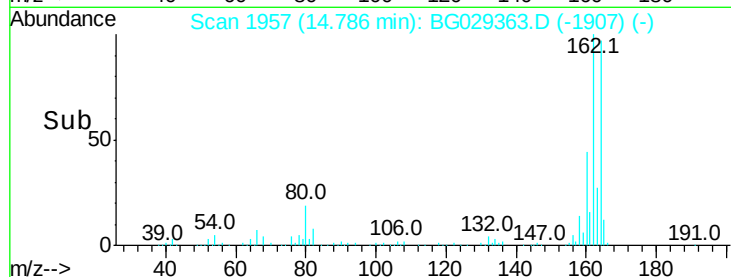
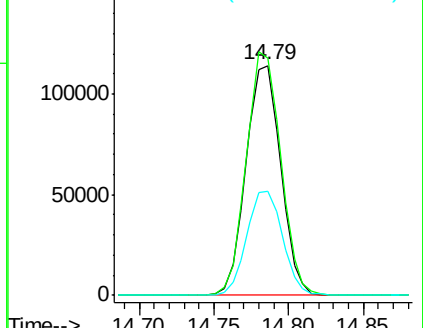
160 45.0 35.4 53.0



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: 153.990 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029363.D

Acq: 19 Oct 2017 12:38

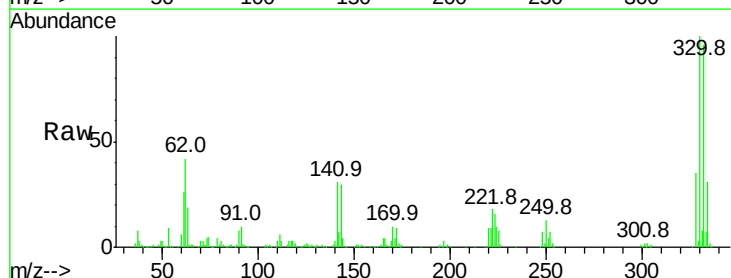
Tgt Ion:330 Resp: 363606

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

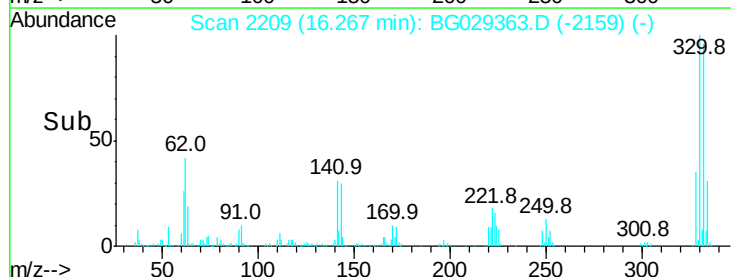
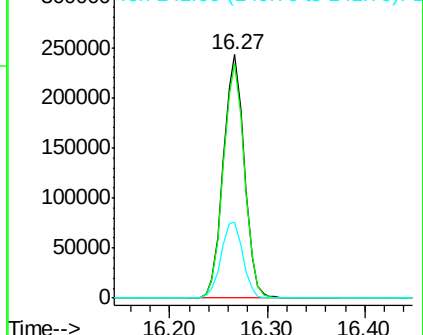
141 32.4 25.2 37.8

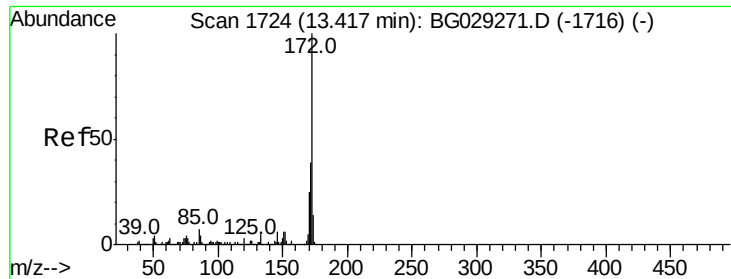


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

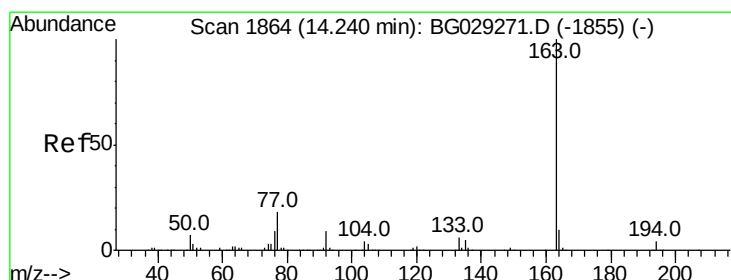
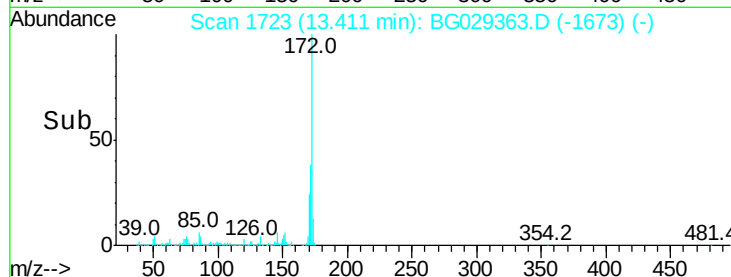
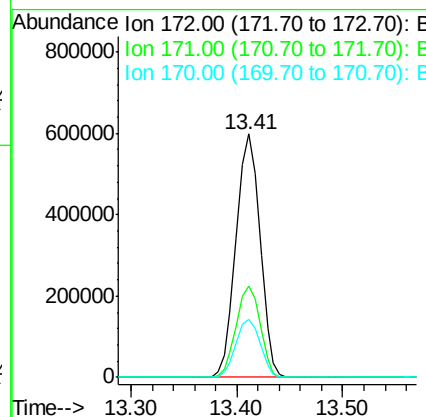
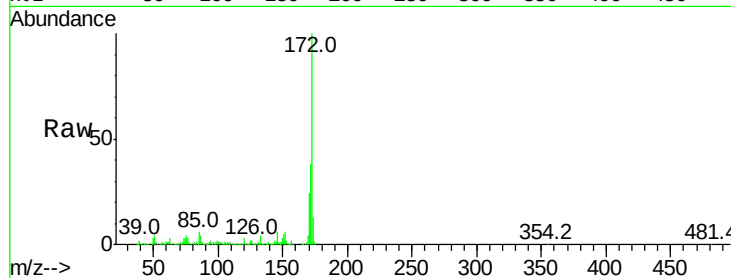




#44
2-Fluorobiphenyl
Concen: 75.316 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029363.D
Acq: 19 Oct 2017 12:38

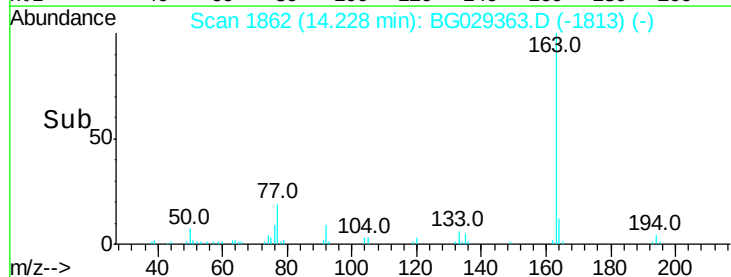
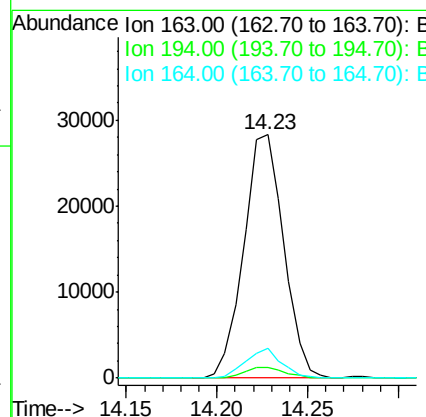
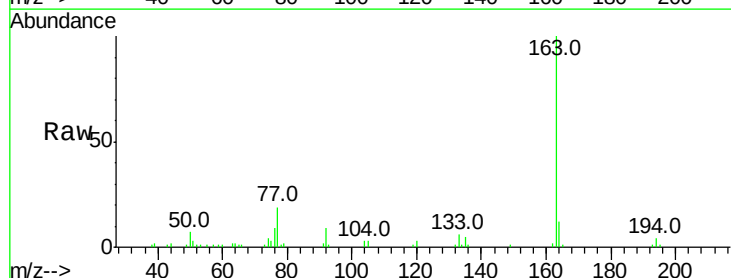
Instrument :
BNA_G
ClientSampleId :

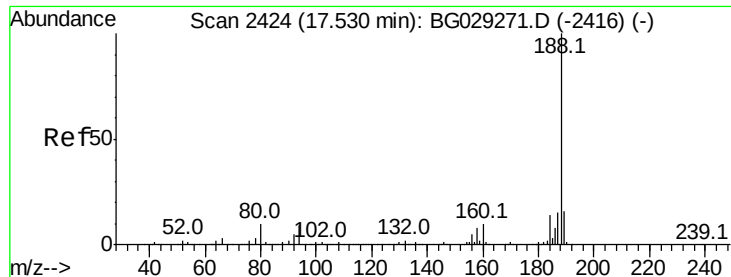
Tot Ion:172 Resp: 939153
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 23.9 19.5 29.3



#49
Dimethylphthalate
Concen: 3.034 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029363.D
Acq: 19 Oct 2017 12:38

Tgt Ion:163 Resp: 43295
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 12.3 8.2 12.4

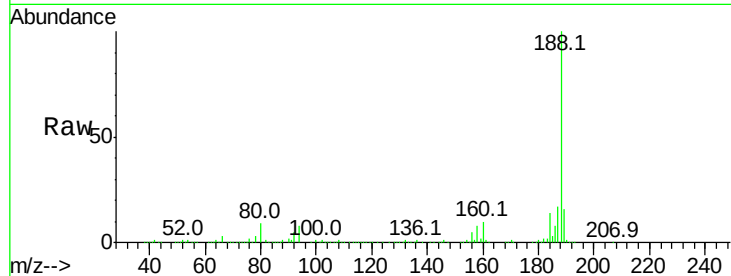




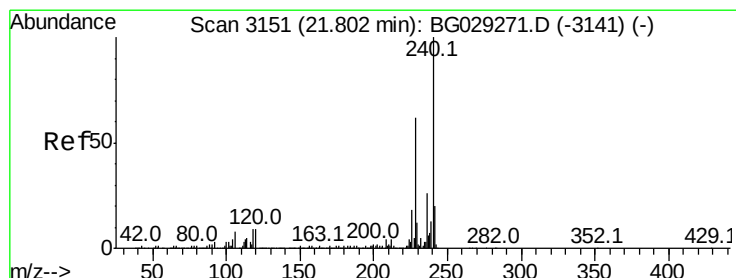
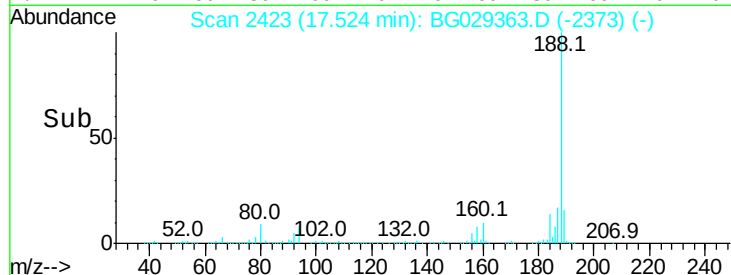
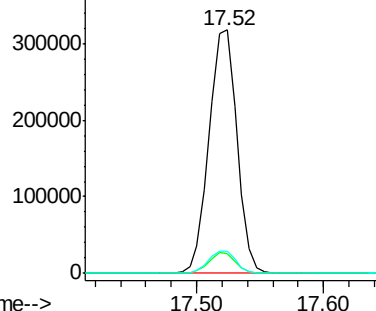
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029363.D
Acq: 19 Oct 2017 12:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 485193
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.9 7.7 11.5

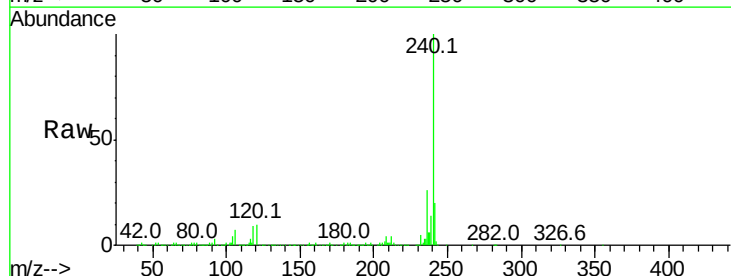


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

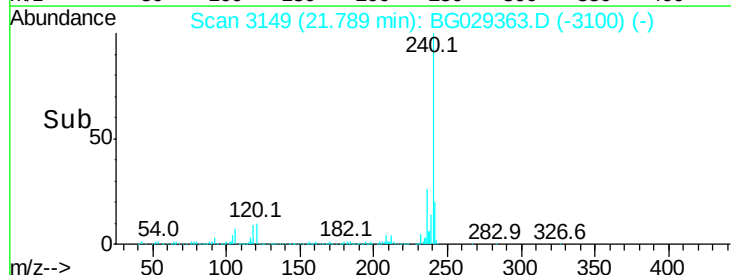
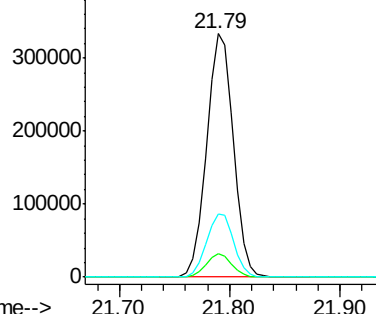


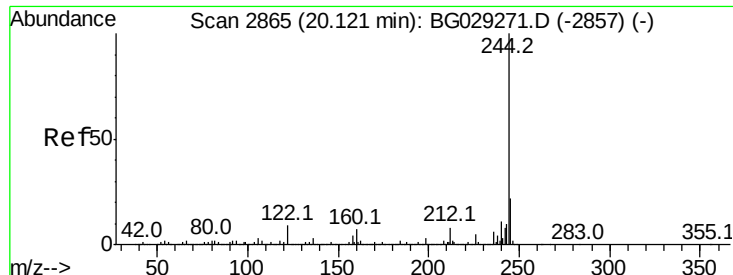
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029363.D
Acq: 19 Oct 2017 12:38

Tgt Ion:240 Resp: 566509
Ion Ratio Lower Upper
240 100
120 9.5 6.8 10.2
236 26.0 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: 64.350 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029363.D

Acq: 19 Oct 2017 12:38

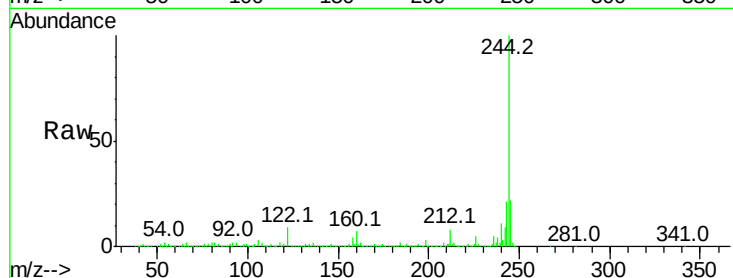
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1602457

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.3	7.0	10.4

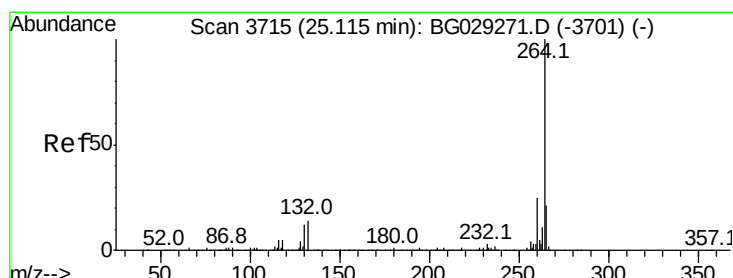
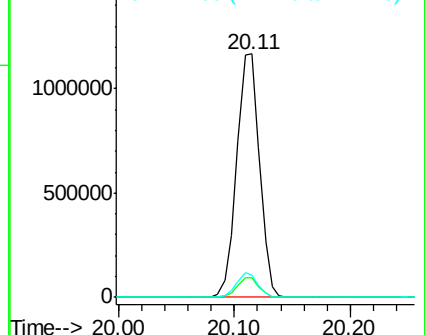
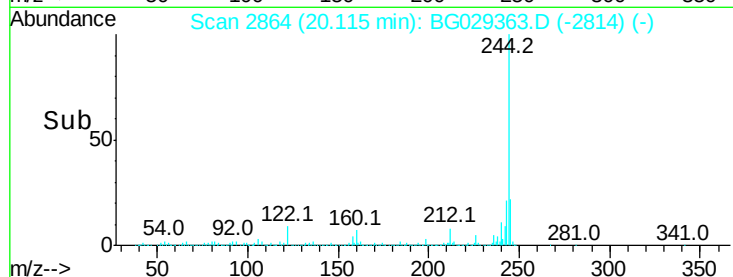


Abundance

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

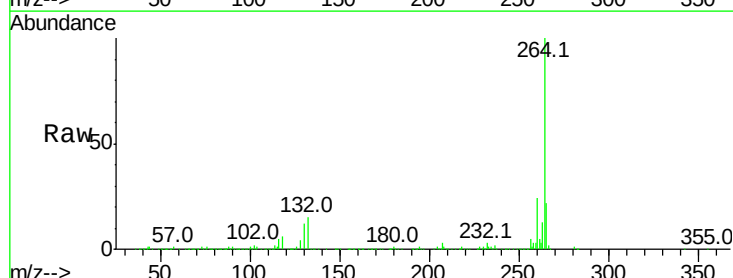
Delta R.T. -0.02 min

Lab File: BG029363.D

Acq: 19 Oct 2017 12:38

Tgt Ion:264 Resp: 566546

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.5	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

