

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060917\
 Data File : BG027353.D
 Acq On : 9 Jun 2017 18:48
 Operator : SJ/MA
 Sample : I3526-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 03:57:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

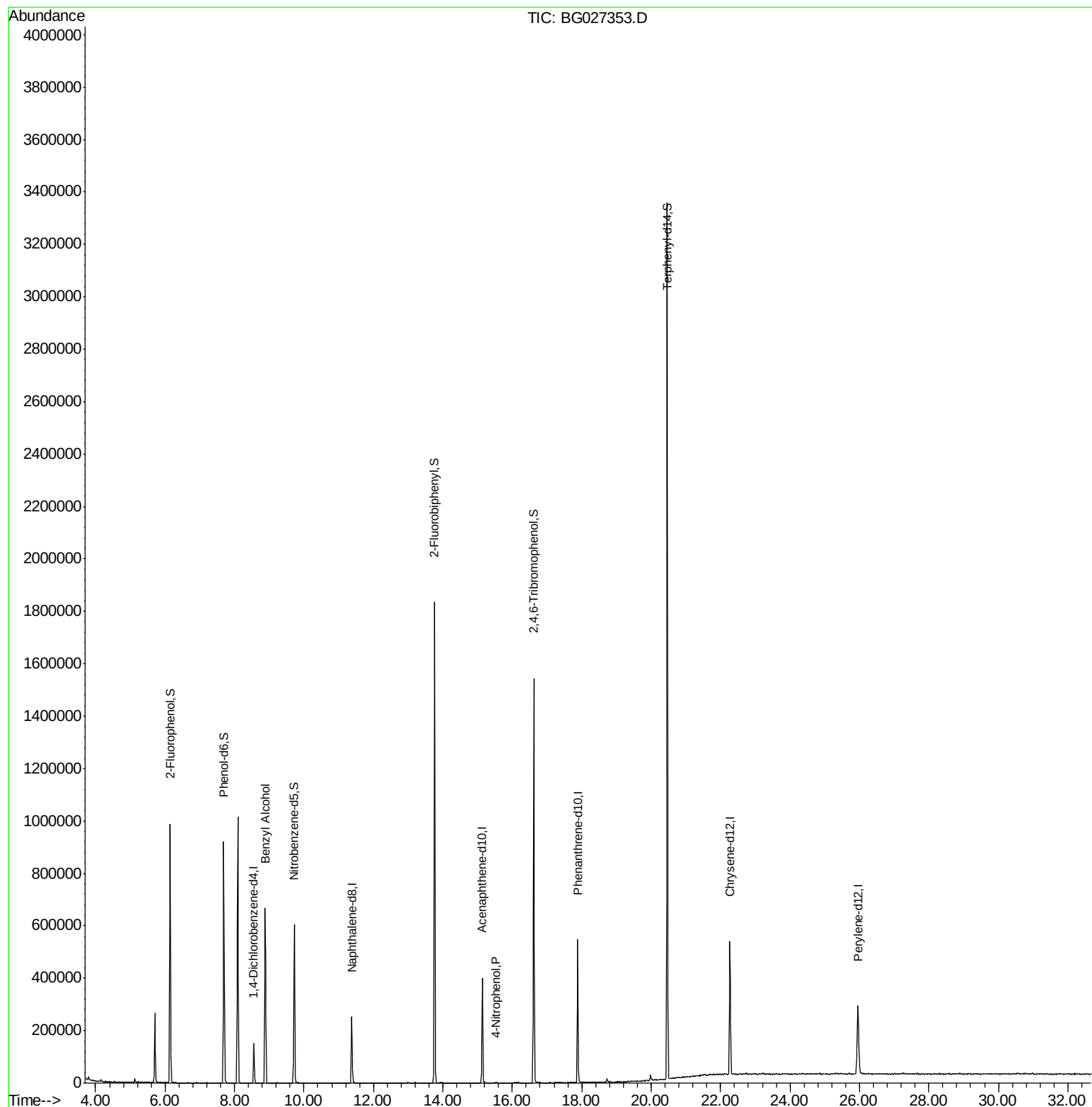
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	43935	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	218152	20.00	ng	-0.02
38) Acenaphthene-d10	15.13	164	139770	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	339893	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	338892	20.00	ng	-0.04
86) Perylene-d12	25.95	264	317943	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	452466	157.15	ng	-0.01
7) Phenol-d6	7.69	99	598367	141.58	ng	-0.01
23) Nitrobenzene-d5	9.72	82	406434	117.17	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	316935	172.20	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	952199	95.31	ng	-0.03
78) Terphenyl-d14	20.46	244	1472553	110.85	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.88	79	6370	2.14	ng	# 53
55) 4-Nitrophenol	15.53	139	472	6.33	ng	# 1

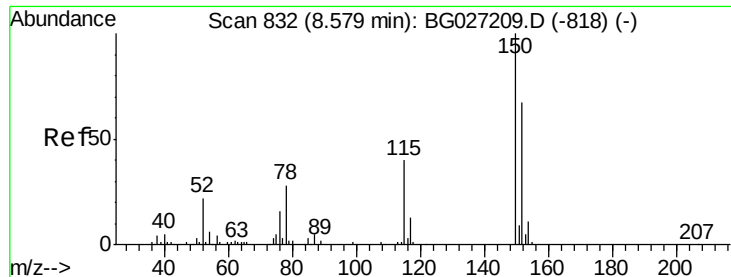
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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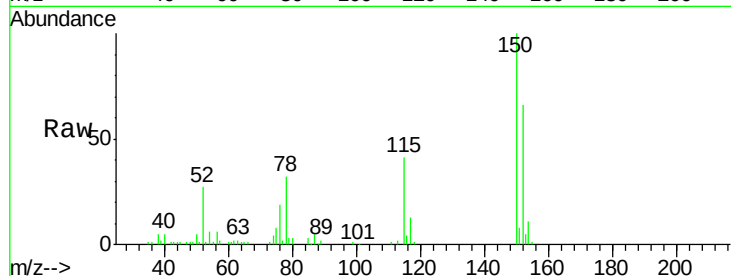


#1

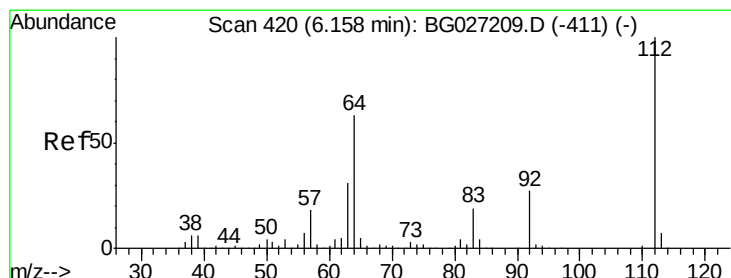
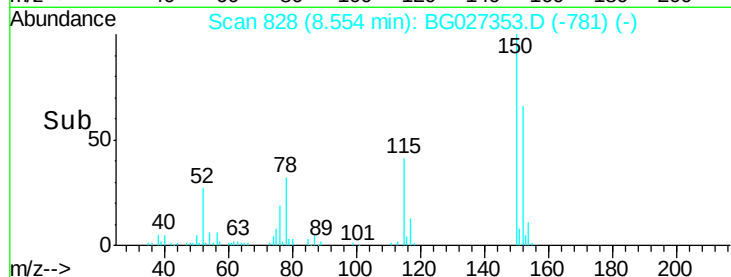
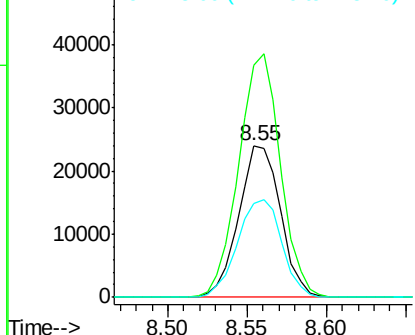
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43935
Ion Ratio Lower Upper
152 100
150 152.6 114.0 171.0
115 61.8 48.1 72.1



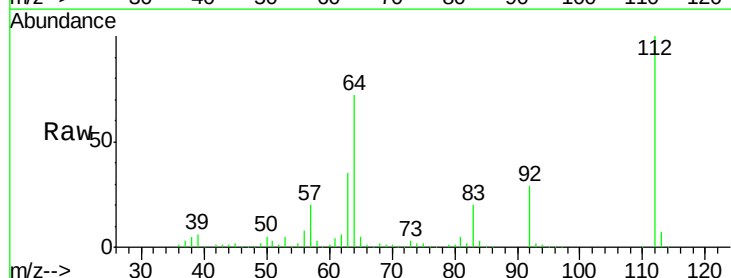
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



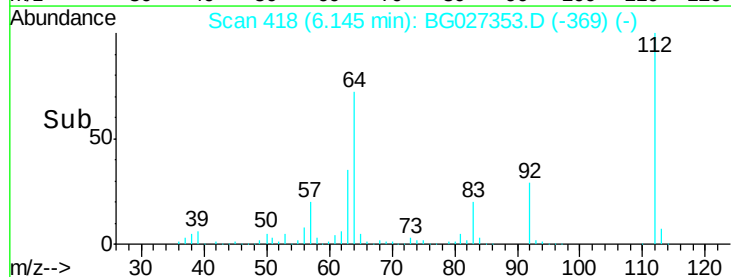
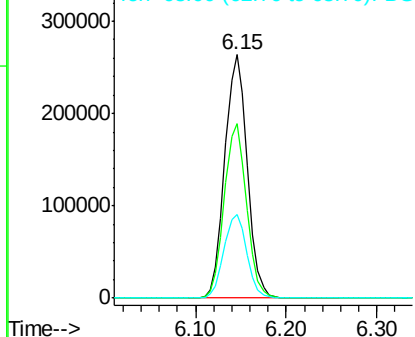
#5

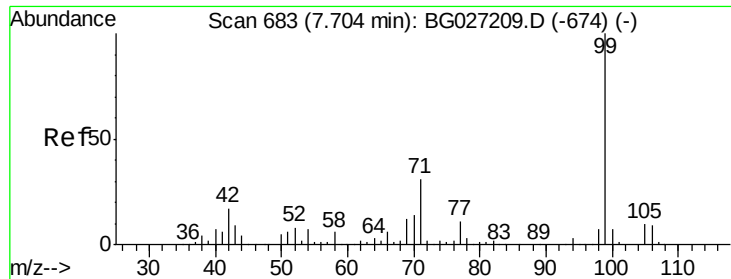
2-Fluorophenol
Concen: 157.15 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

Tgt Ion:112 Resp: 452466
Ion Ratio Lower Upper
112 100
64 71.8 61.8 92.6
63 34.6 37.2 55.8#



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: 141.58 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_G

ClientSampled :

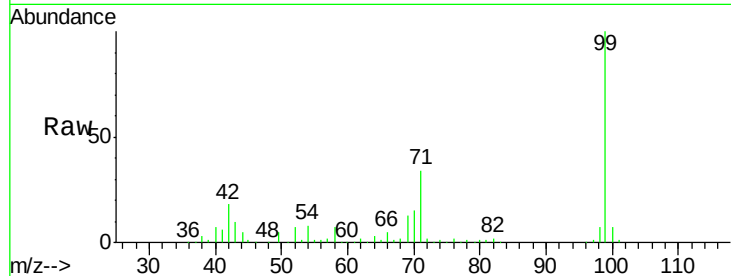
Tot Ion: 99 Resp: 598367

Ion Ratio Lower Upper

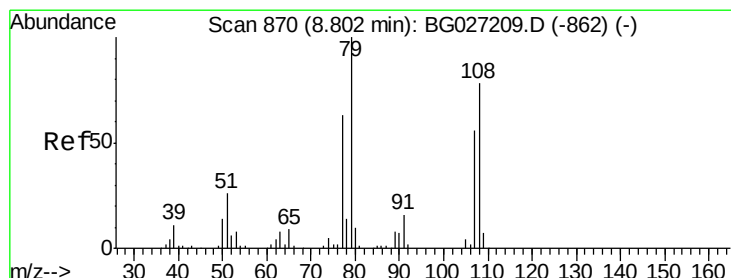
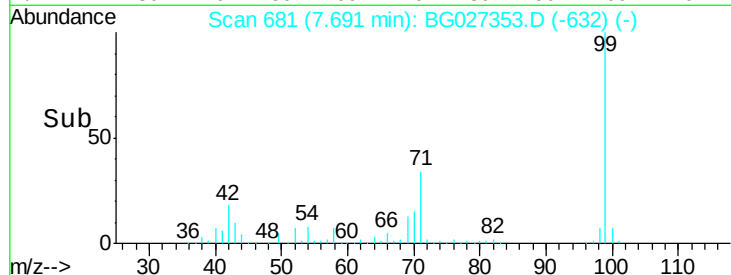
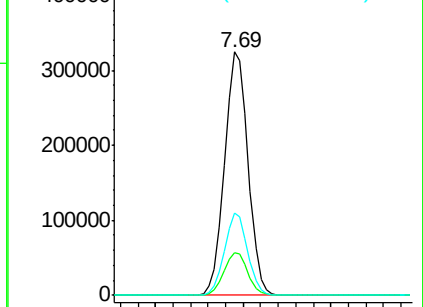
99 100

42 17.5 20.5 30.7#

71 33.7 37.6 56.4#



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



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 8.88 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

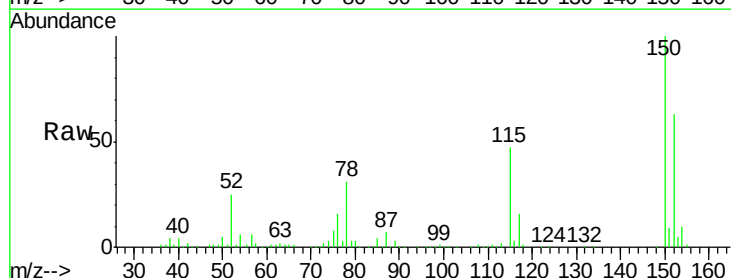
Tgt Ion: 79 Resp: 6370

Ion Ratio Lower Upper

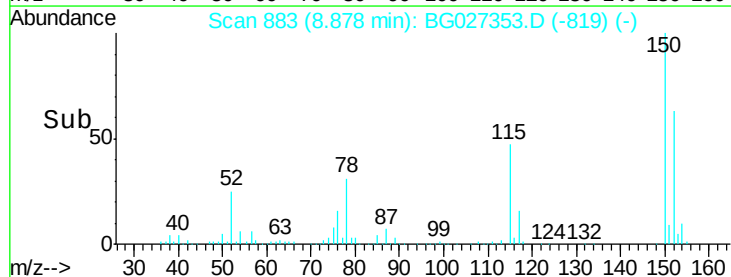
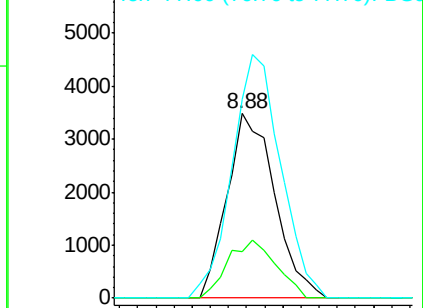
79 100

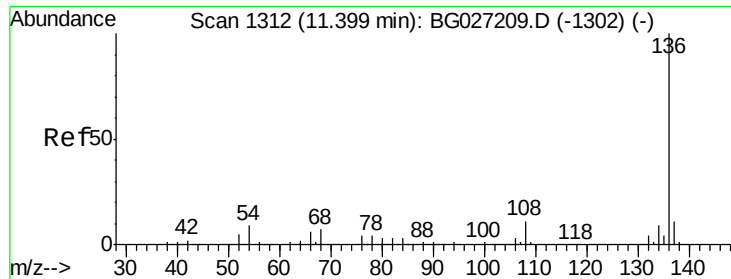
108 25.1 45.5 68.3#

77 107.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

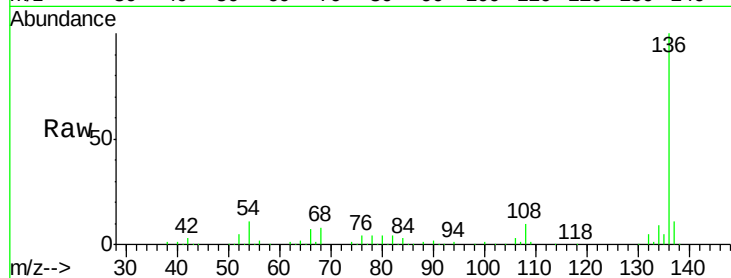




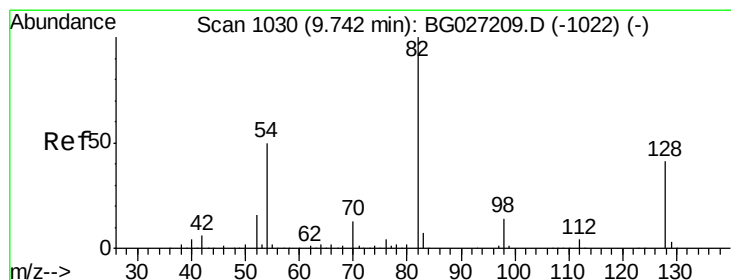
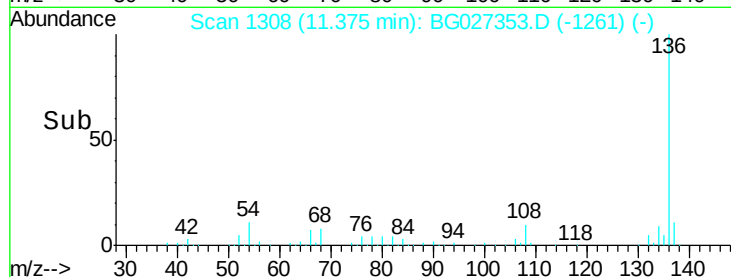
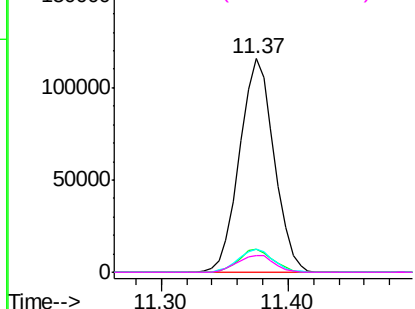
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	218152
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.9	9.3 13.9
68	8.1	5.1 7.7#

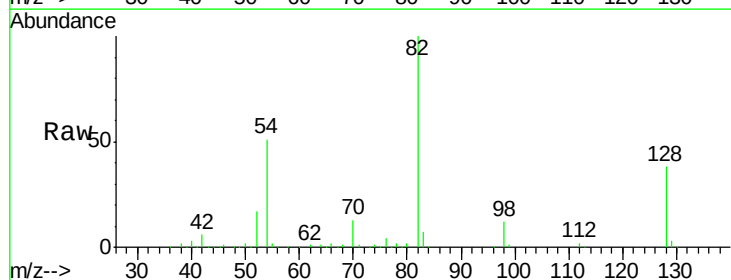


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

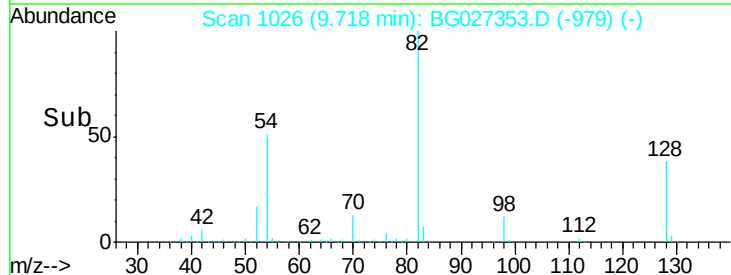
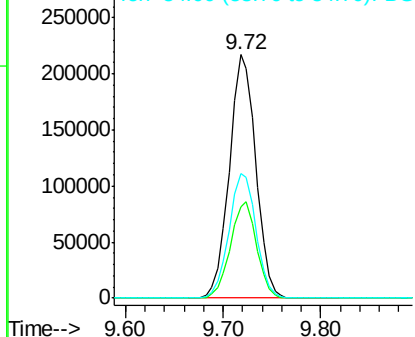


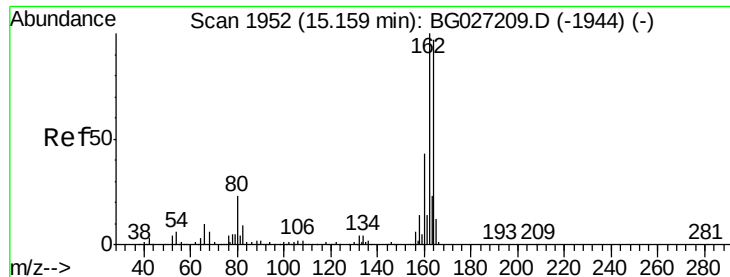
#23
Nitrobenzene-d5
Concen: 117.17 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

Tgt Ion: 82	Resp:	406434
Ion Ratio	Lower	Upper
82	100	
128	37.7	26.4 39.6
54	51.3	49.4 74.2



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

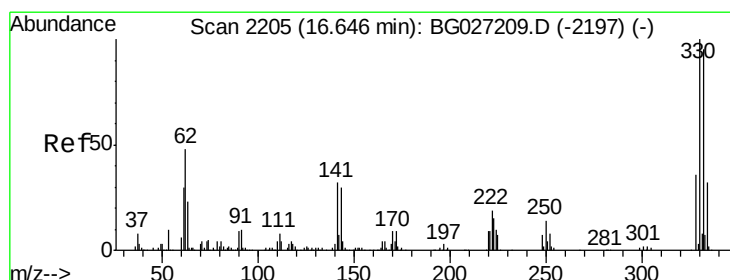
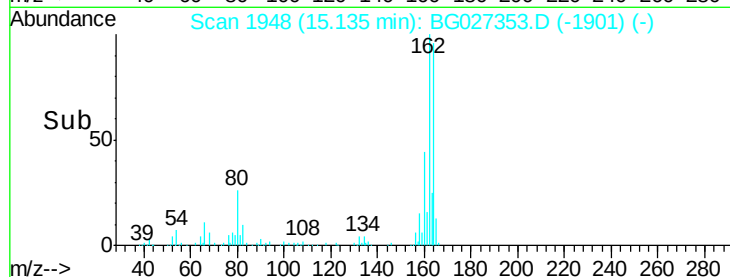
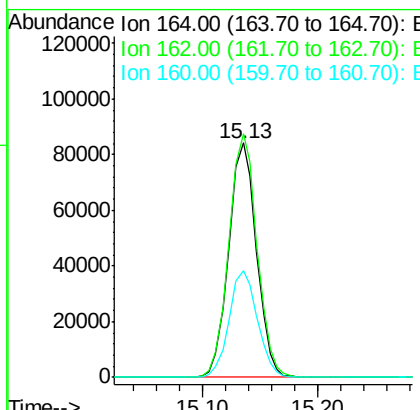
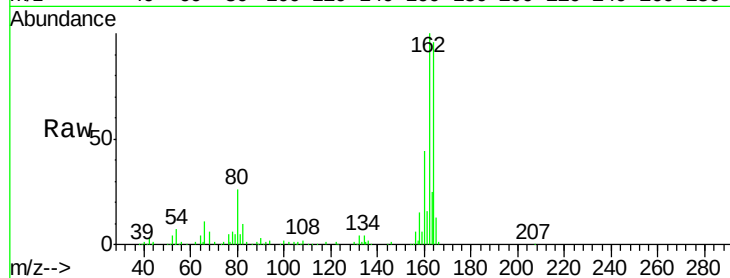




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

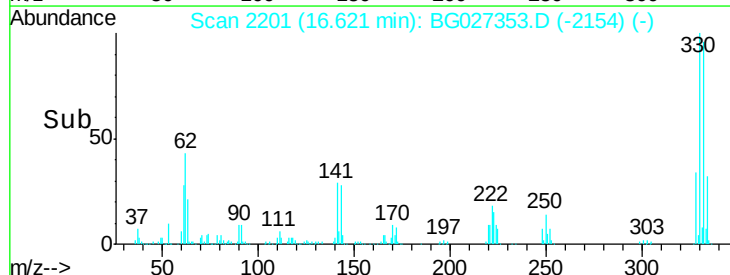
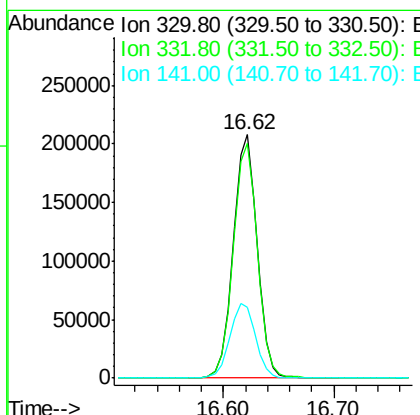
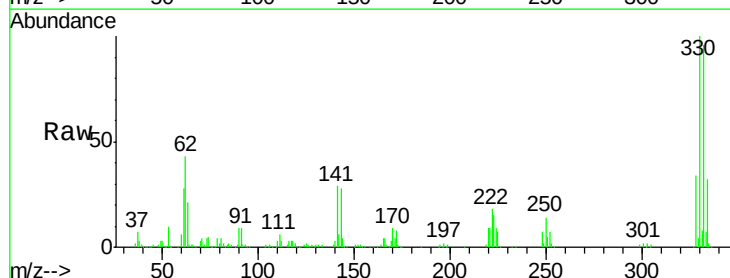
Instrument :
BNA_G
ClientSampleId :

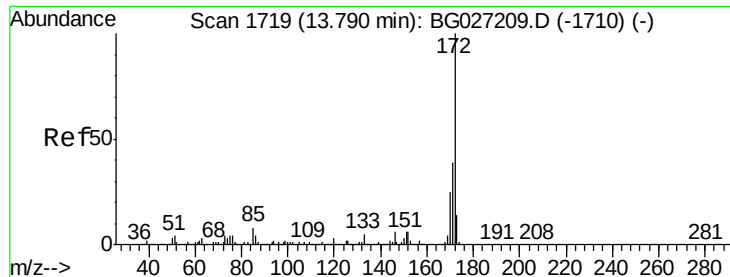
Tot Ion:164 Resp: 139770
Ion Ratio Lower Upper
164 100
162 103.9 85.1 127.7
160 45.8 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 172.20 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

Tgt Ion:330 Resp: 316935
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 32.8 32.1 48.1

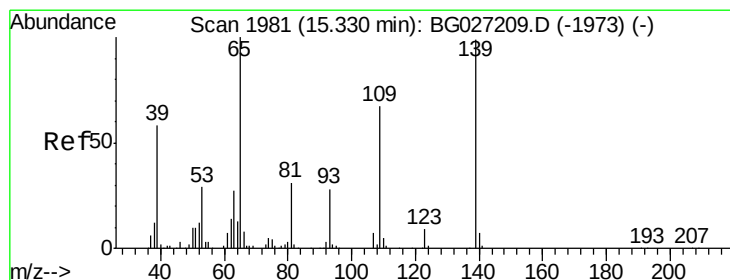
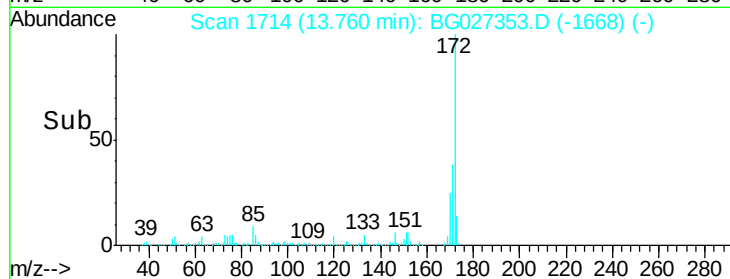
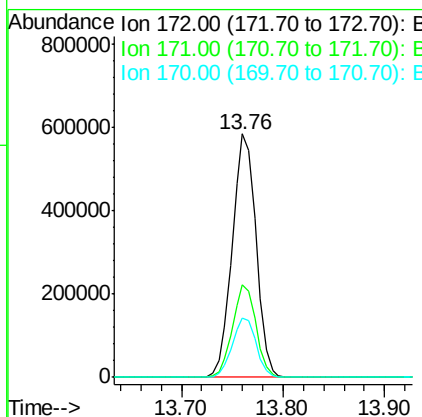
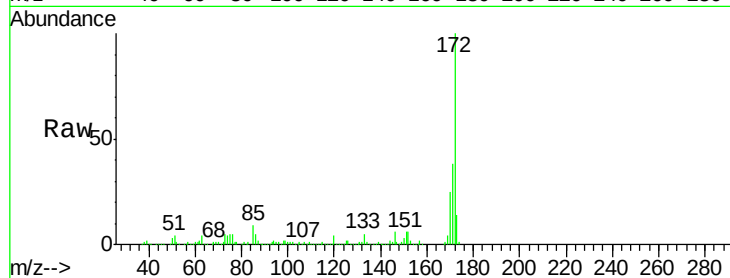




#44
2-Fluorobiphenyl
Concen: 95.31 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

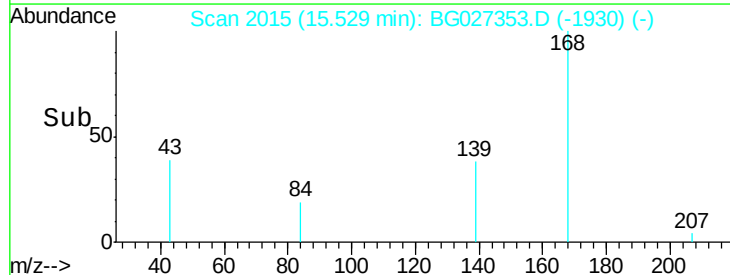
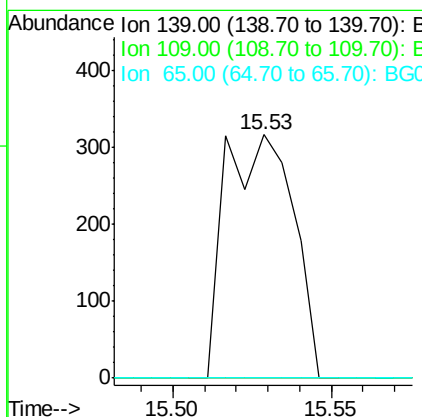
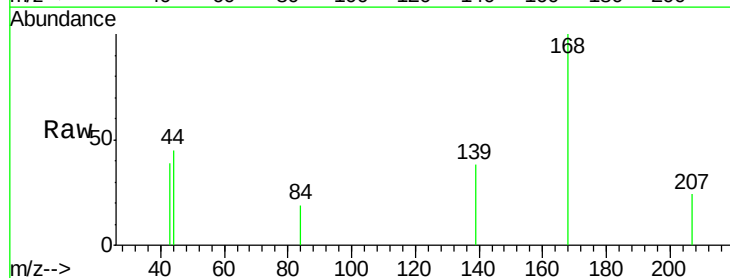
Instrument :
BNA_G
ClientSampleId :

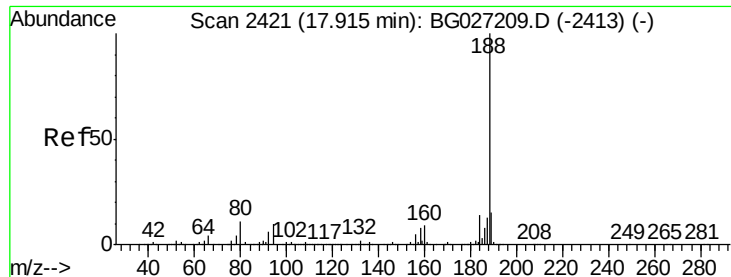
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.5	21.8	32.6



#55
4-Nitrophenol
Concen: 6.33 ng
RT: 15.53 min Scan# 2015
Delta R.T. 0.20 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#

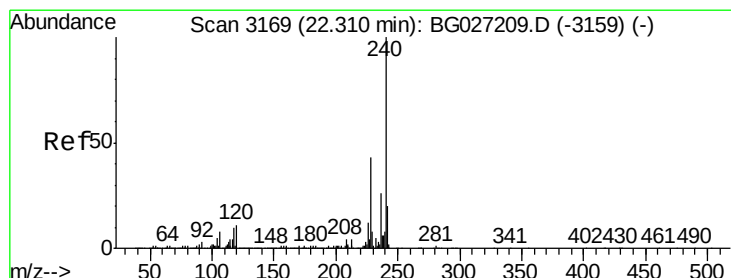
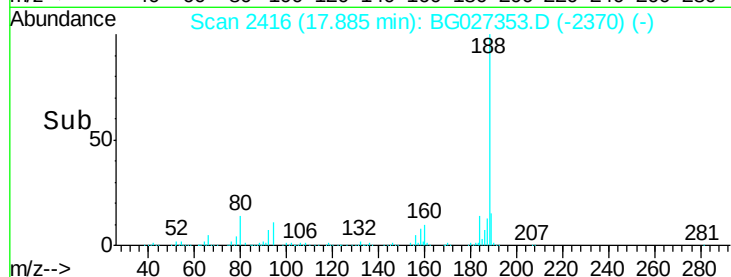
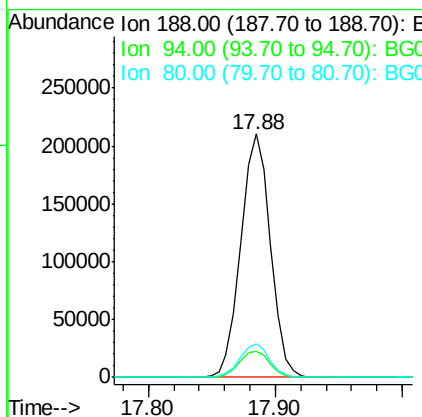
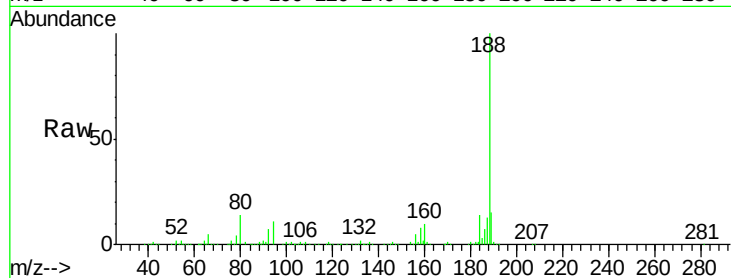




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

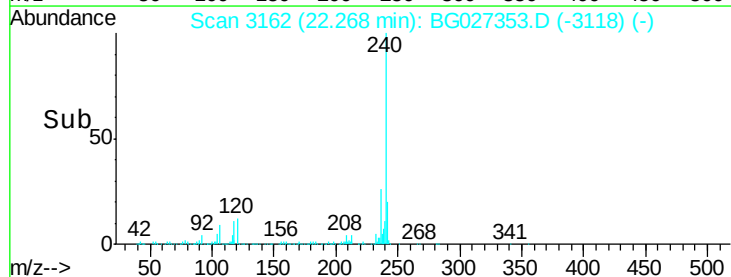
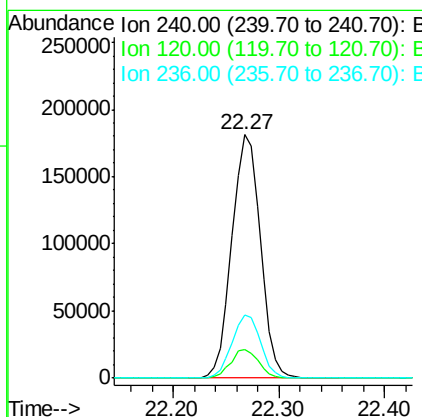
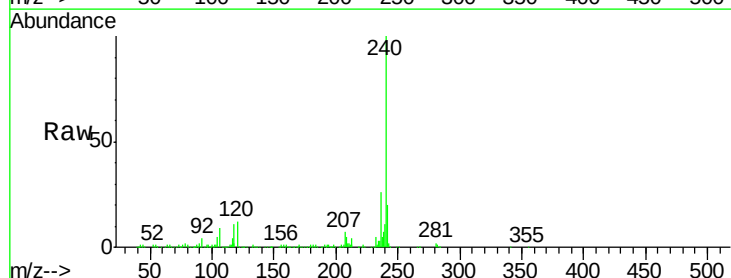
Instrument :
BNA_G
ClientSampled :

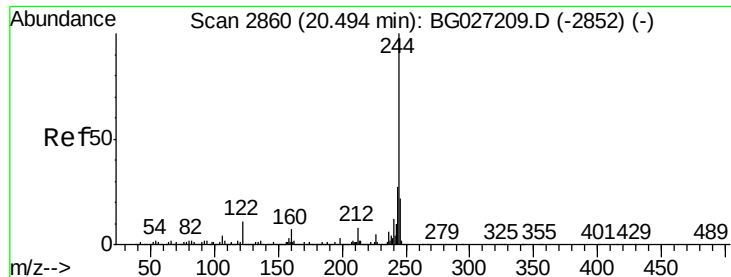
Tot Ion:188 Resp: 339893
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 13.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027353.D
Acq: 9 Jun 2017 18:48

Tgt Ion:240 Resp: 338892
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 110.85 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

Instrument :

BNA_G

ClientSampleId :

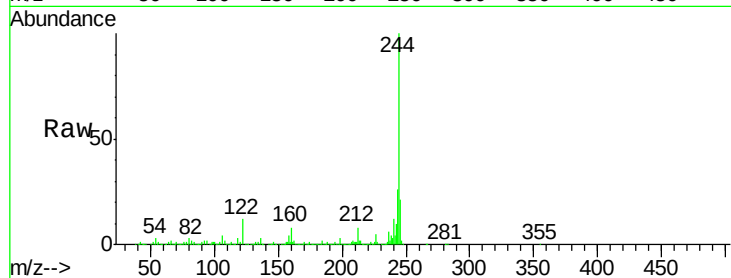
Tot Ion:244 Resp: 1472553

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

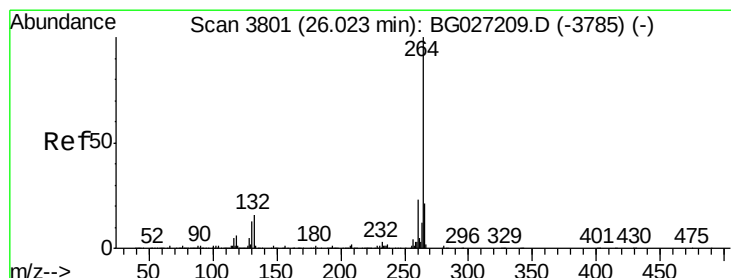
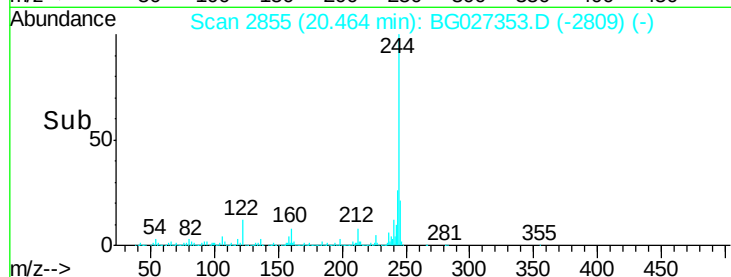
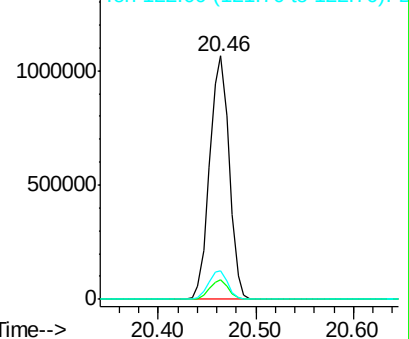
122 11.5 8.6 12.8



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: 25.95 min Scan# 3789

Delta R.T. -0.07 min

Lab File: BG027353.D

Acq: 9 Jun 2017 18:48

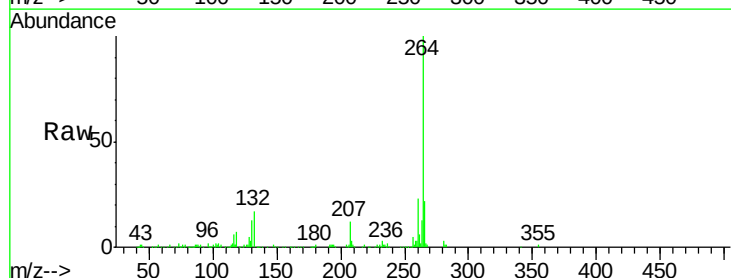
Tgt Ion:264 Resp: 317943

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 22.0 18.2 27.4



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

