

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060917\
 Data File : BG027354.D
 Acq On : 9 Jun 2017 19:27
 Operator : SJ/MA
 Sample : I3541-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 03:57:20 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

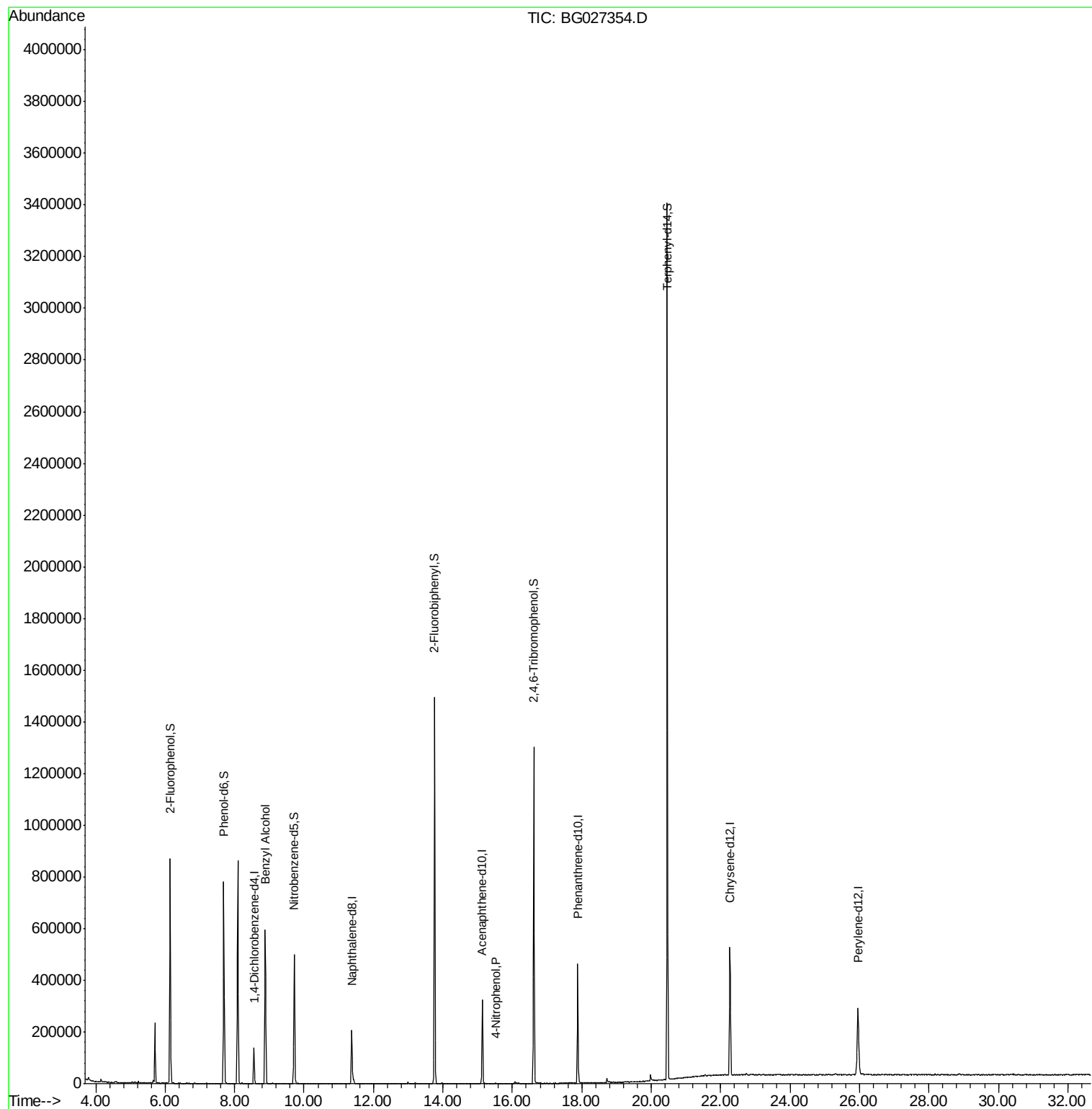
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	39415	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	180172	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	110970	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	288303	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	338588	20.00	ng	-0.04
86) Perylene-d12	25.96	264	323539	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	387454	150.00	ng	-0.01
7) Phenol-d6	7.69	99	501287	132.21	ng	-0.01
23) Nitrobenzene-d5	9.72	82	339677	118.57	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	262738	179.80	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	774407	97.63	ng	-0.03
78) Terphenyl-d14	20.46	244	1481319	111.61	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.88	79	5623	2.10	ng	# 30
55) 4-Nitrophenol	15.53	139	586	6.45	ng	# 1

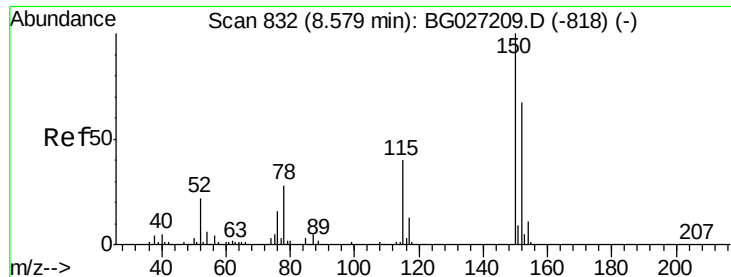
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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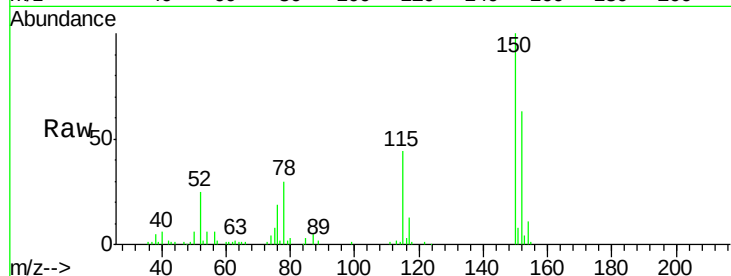


#1

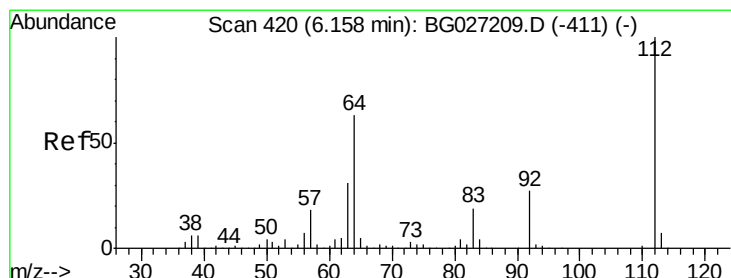
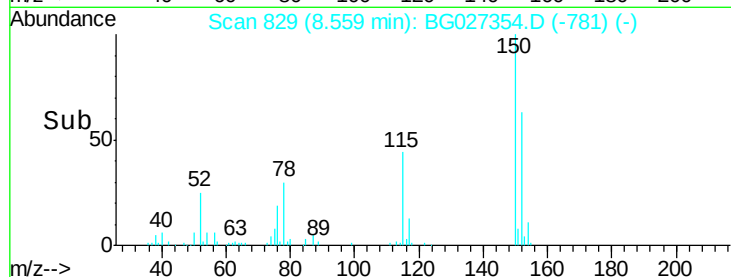
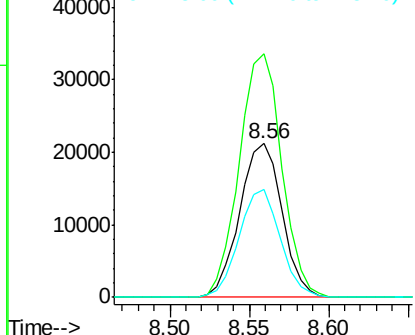
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39415
Ion Ratio Lower Upper
152 100
150 158.4 114.0 171.0
115 70.1 48.1 72.1



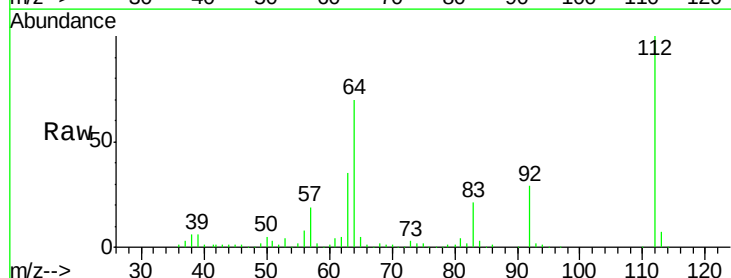
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



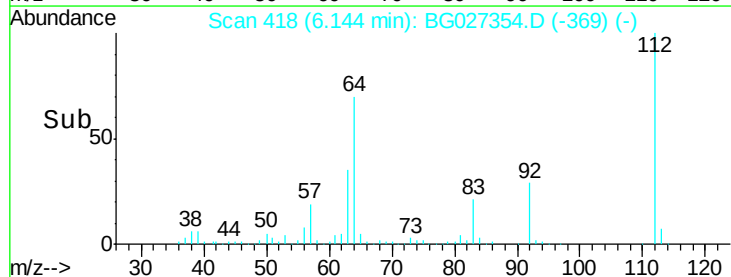
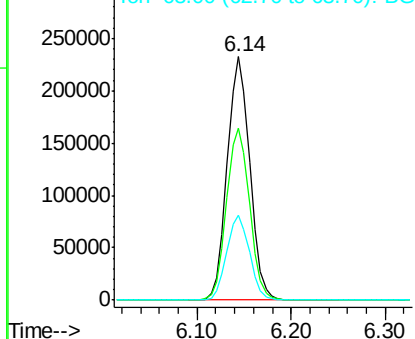
#5

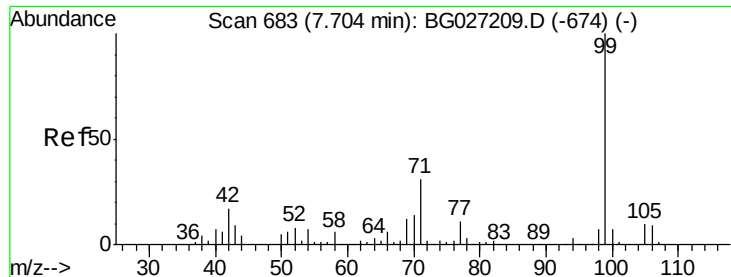
2-Fluorophenol
Concen: 150.00 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Tgt Ion:112 Resp: 387454
Ion Ratio Lower Upper
112 100
64 70.5 61.8 92.6
63 35.0 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: 132.21 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027354.D

Acq: 9 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

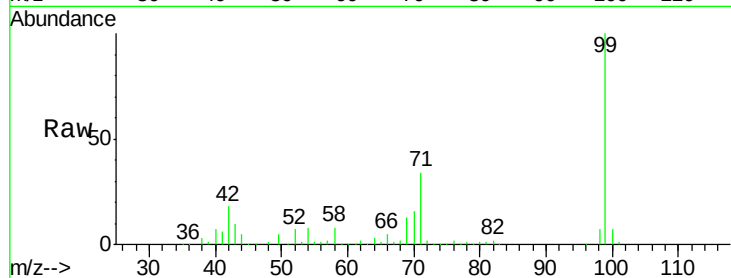
Tot Ion: 99 Resp: 501287

Ion Ratio Lower Upper

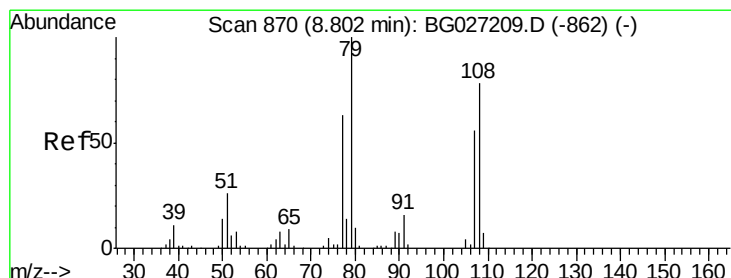
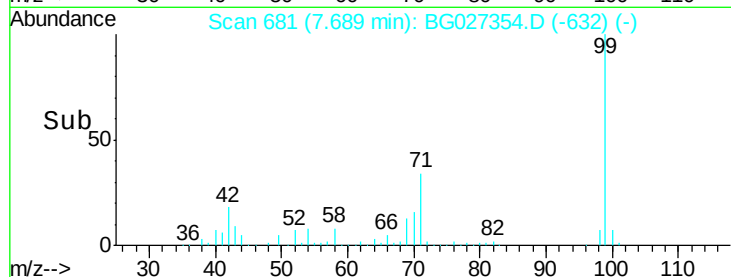
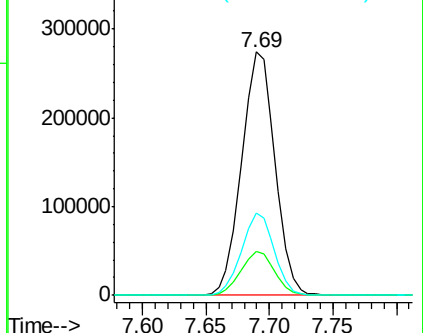
99 100

42 18.0 20.5 30.7#

71 34.1 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: 2.10 ng

RT: 8.88 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG027354.D

Acq: 9 Jun 2017 19:27

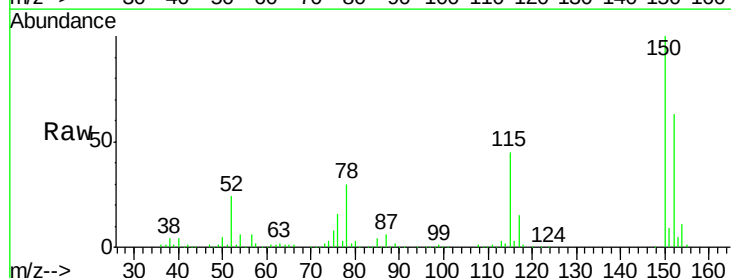
Tgt Ion: 79 Resp: 5623

Ion Ratio Lower Upper

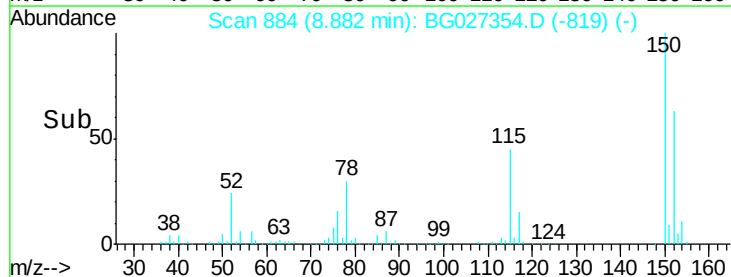
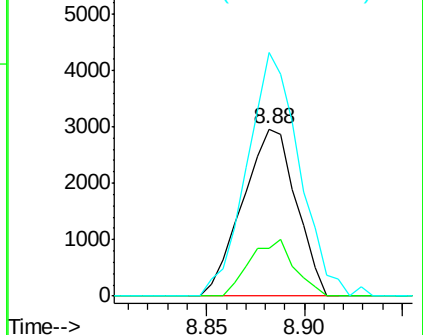
79 100

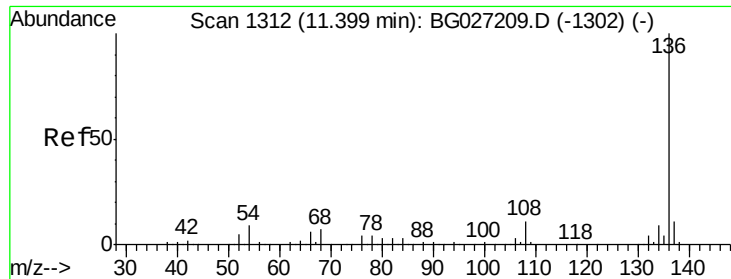
108 28.3 45.5 68.3#

77 145.6 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

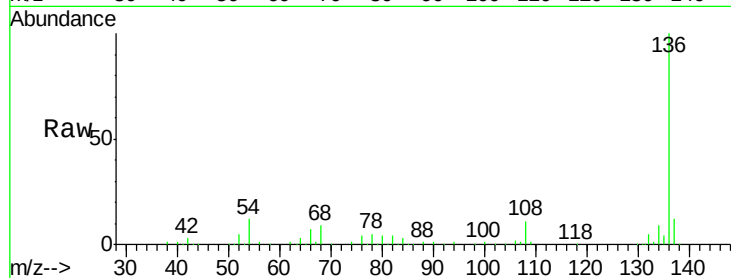




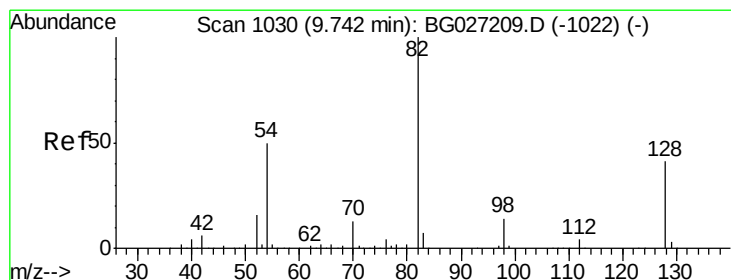
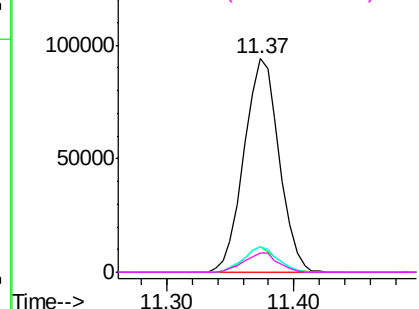
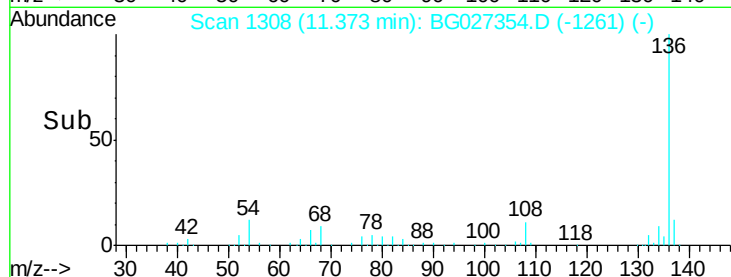
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	180172
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.9 13.3
54	12.0	9.3 13.9
68	9.0	5.1 7.7

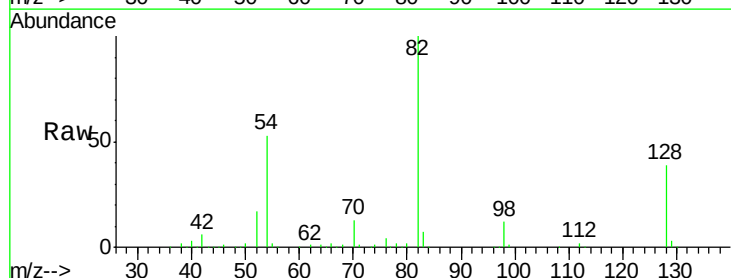


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

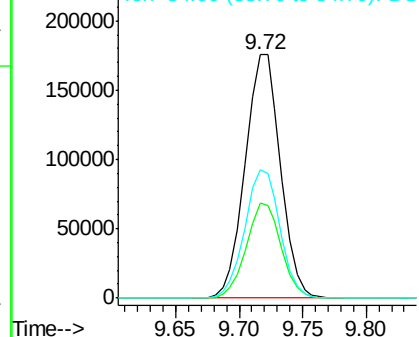
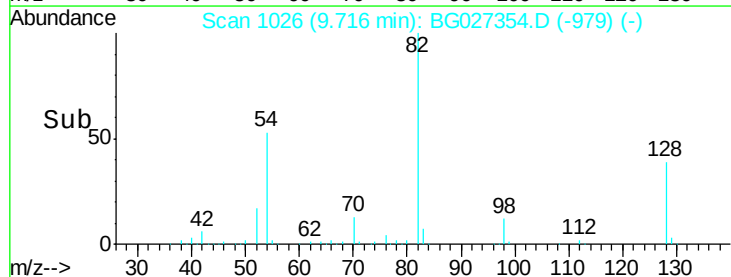


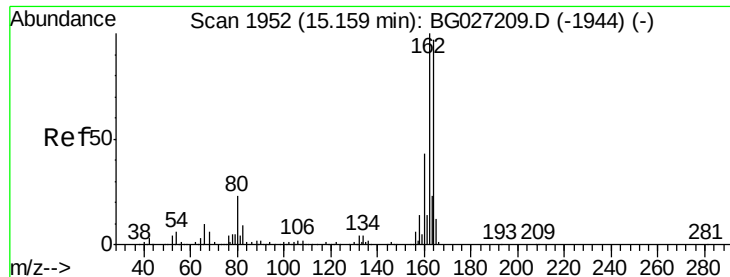
#23
Nitrobenzene-d5
Concen: 118.57 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Tgt Ion: 82	Resp:	339677
Ion Ratio	Lower	Upper
82	100	
128	39.1	26.4 39.6
54	53.0	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

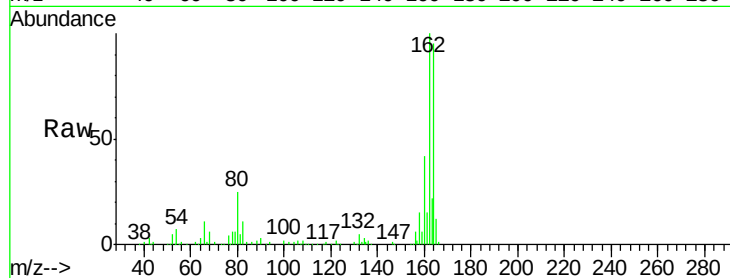




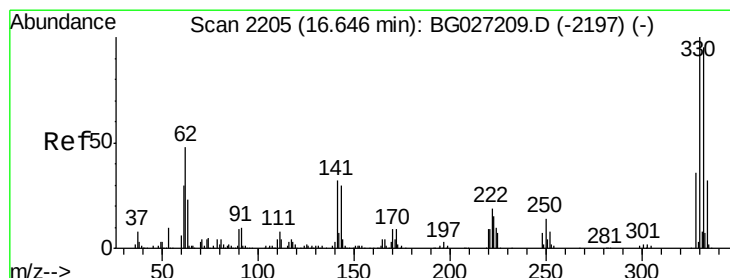
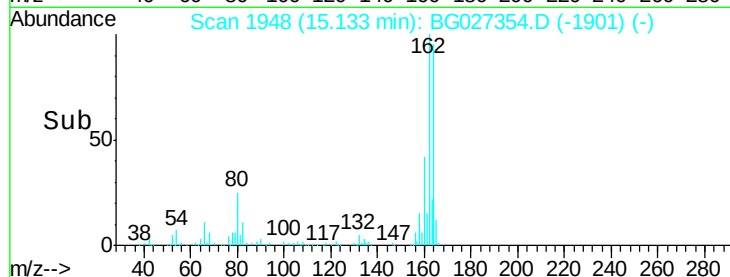
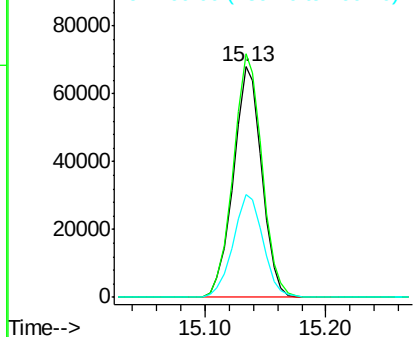
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	44.9	34.7	52.1

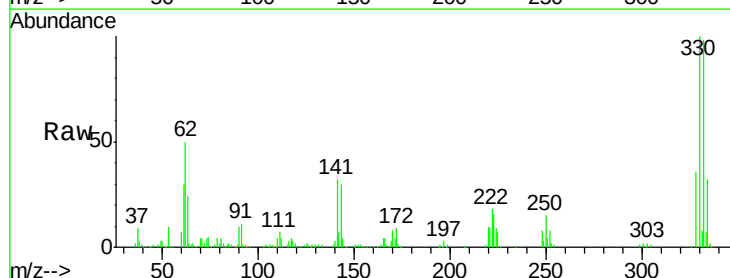


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

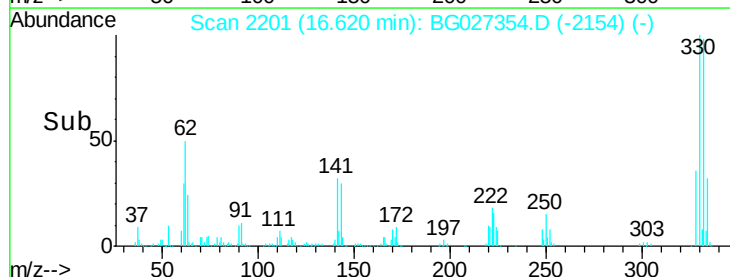
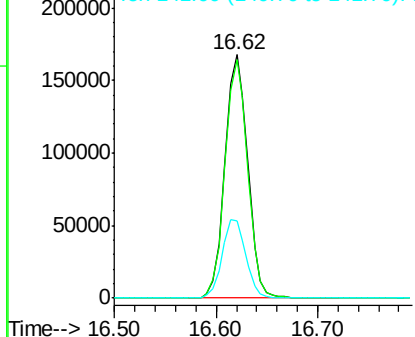


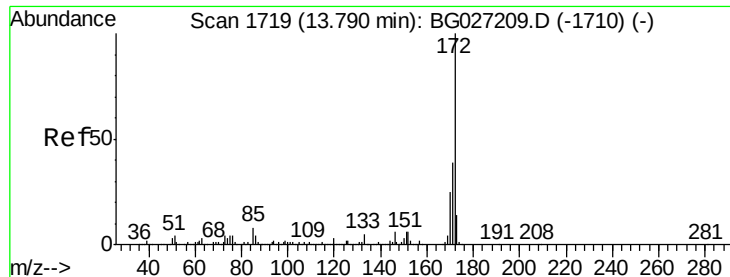
#41
2,4,6-Tribromophenol
Concen: 179.80 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.6	32.1	48.1



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

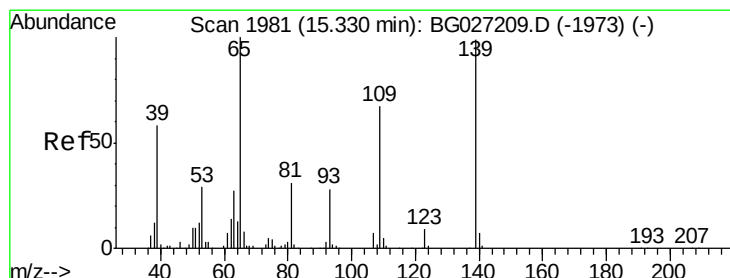
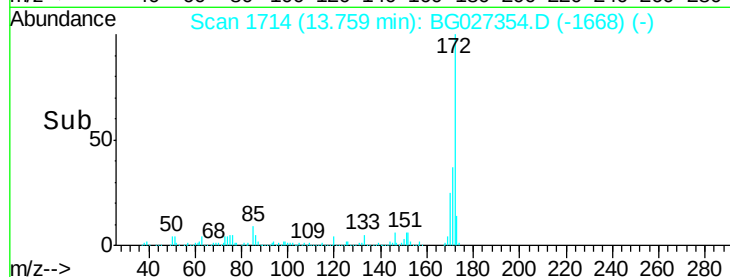
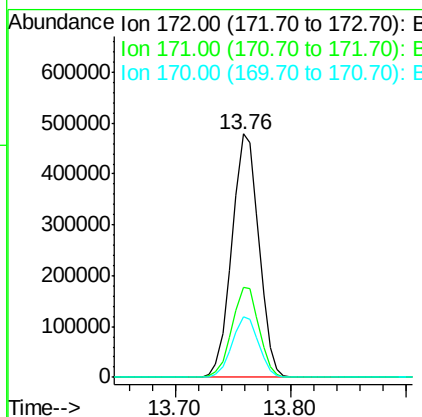
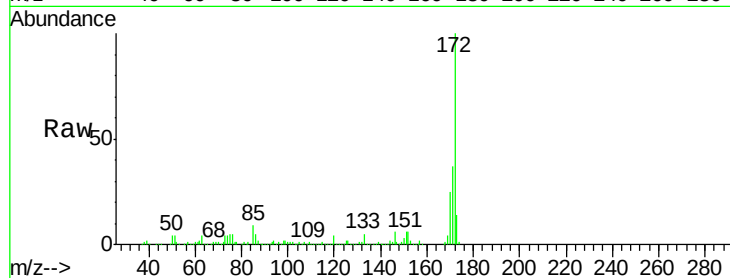




#44
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

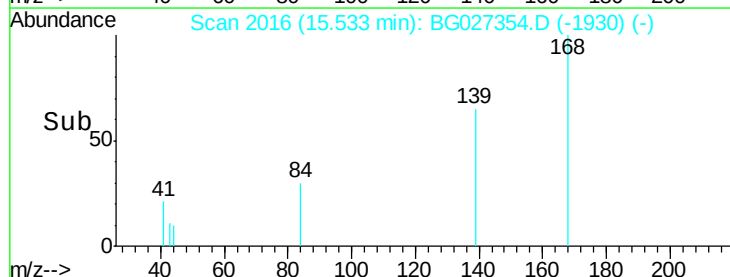
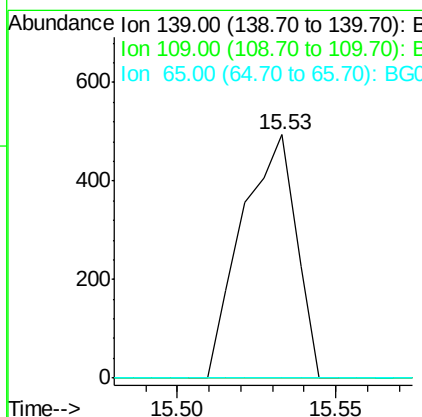
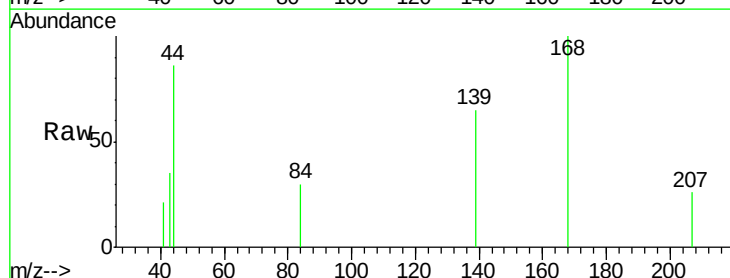
Instrument :
BNA_G
ClientSampleId :

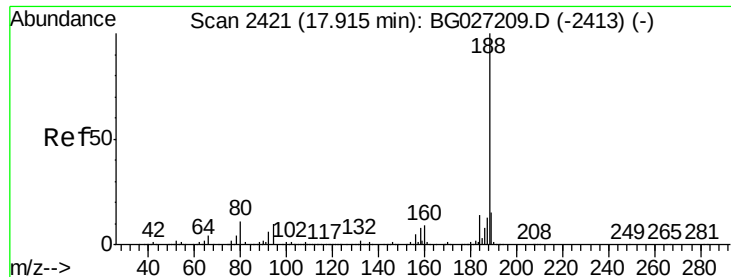
Tot Ion:172 Resp: 774407
Ion Ratio Lower Upper
172 100
171 37.0 32.2 48.2
170 25.0 21.8 32.6



#55
4-Nitrophenol
Concen: 6.45 ng
RT: 15.53 min Scan# 2016
Delta R.T. 0.20 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Tgt Ion:139 Resp: 586
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

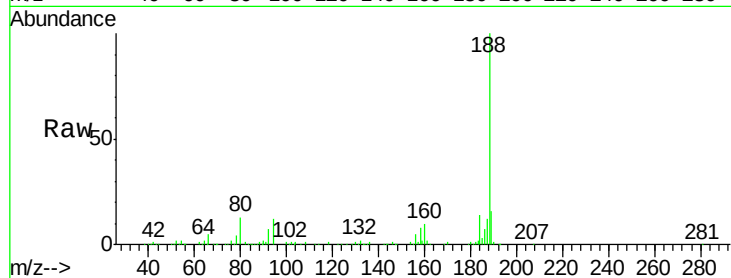




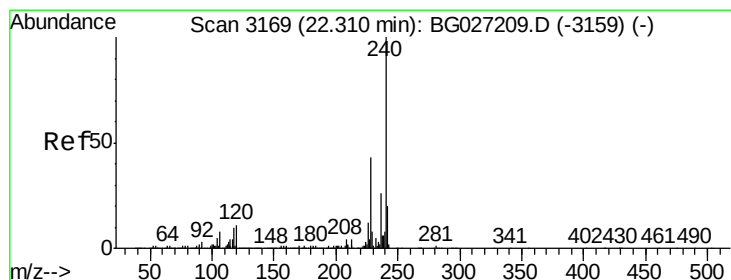
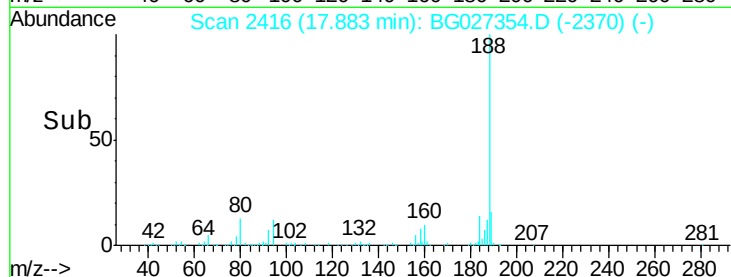
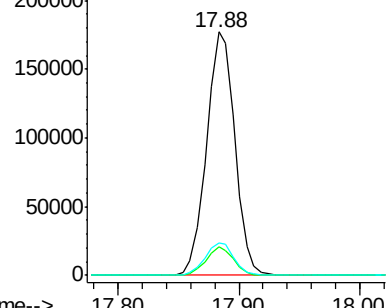
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 288303
Ion Ratio Lower Upper
188 100
94 11.8 5.8 8.8#
80 13.4 7.5 11.3#

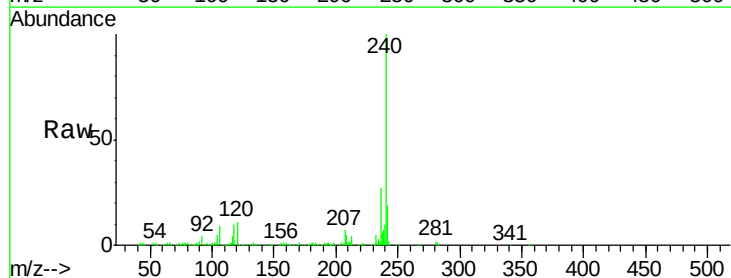


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

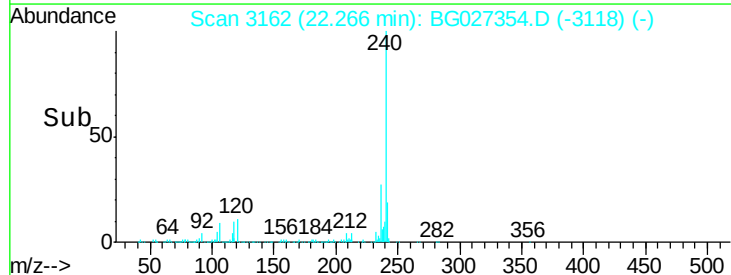
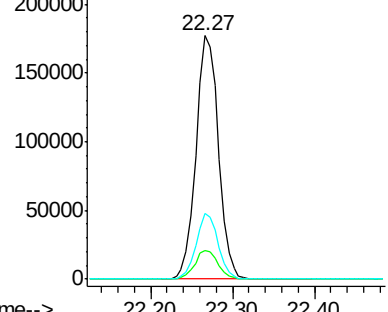


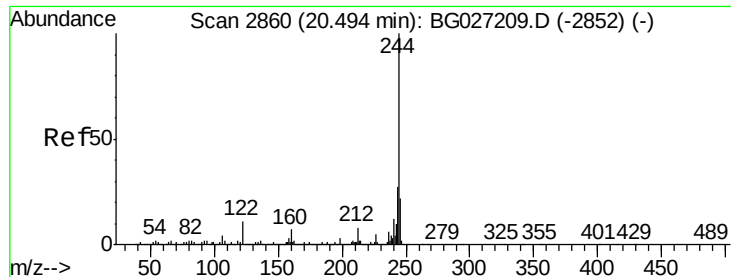
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027354.D
Acq: 9 Jun 2017 19:27

Tgt Ion:240 Resp: 338588
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 27.0 22.2 33.4



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: 111.61 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027354.D

Acq: 9 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

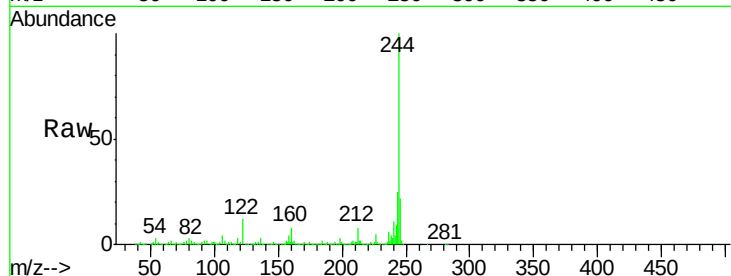
Tot Ion:244 Resp: 1481319

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

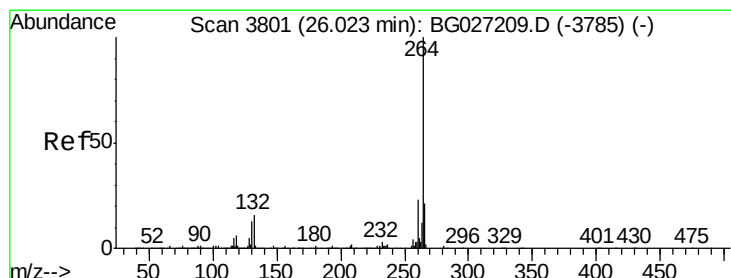
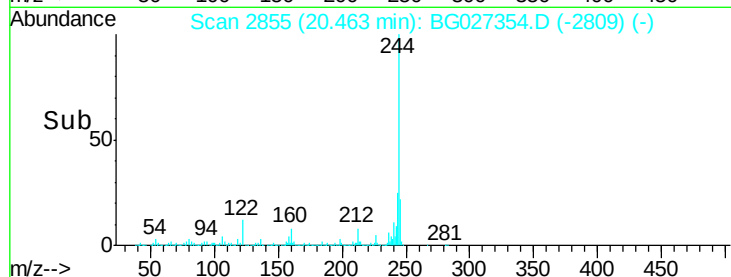
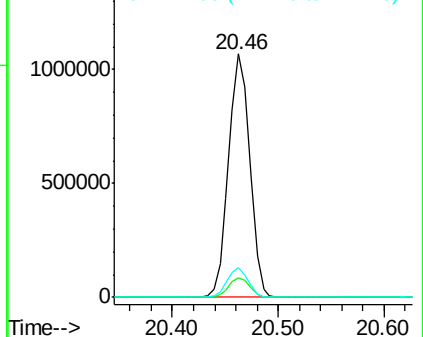
122 12.1 8.6 12.8



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: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027354.D

Acq: 9 Jun 2017 19:27

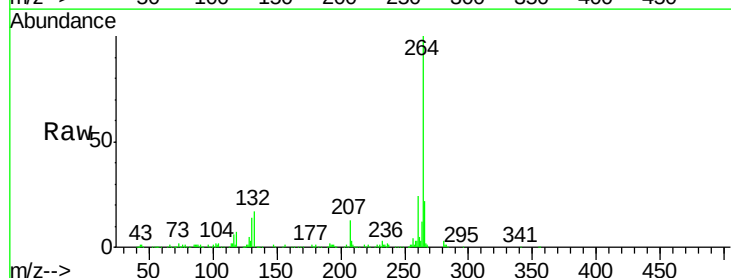
Tgt Ion:264 Resp: 323539

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.6 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

