

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027393.D
 Acq On : 13 Jun 2017 19:40
 Operator : SJ/MA
 Sample : I3614-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 06:09:57 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

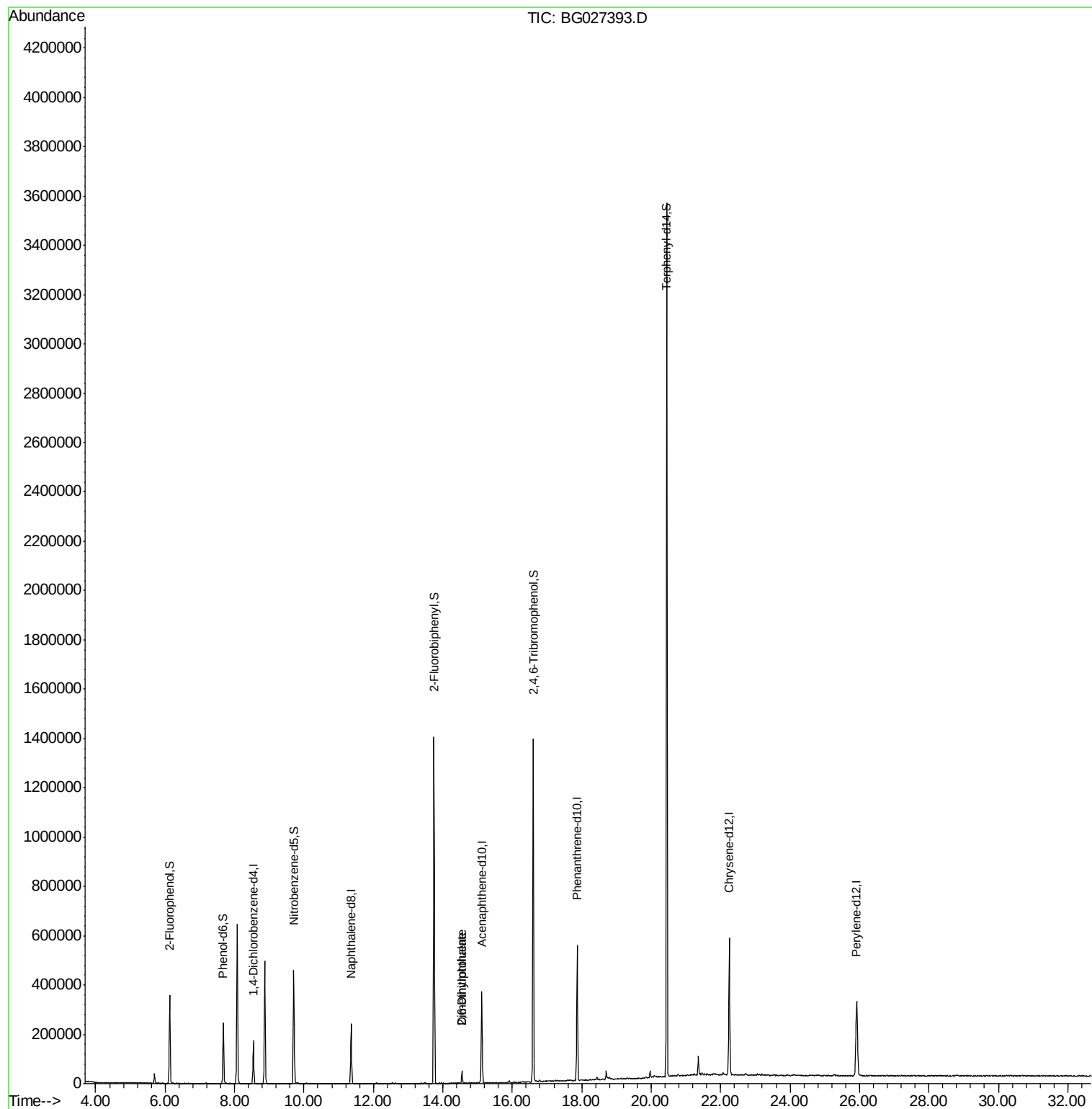
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	48449	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	216386	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	127306	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	326930	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	388332	20.00	ng	-0.06
86) Perylene-d12	25.92	264	368049	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	166087	52.31	ng	-0.02
7) Phenol-d6	7.67	99	157534	33.80	ng	-0.03
23) Nitrobenzene-d5	9.71	82	303735	88.28	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	280875	167.55	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	742256	81.57	ng	-0.05
78) Terphenyl-d14	20.45	244	1549918	101.82	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.55	163	33674	3.33	ng	# 95
50) 2,6-Dinitrotoluene	14.55	165	270	5.73	ng	# 31

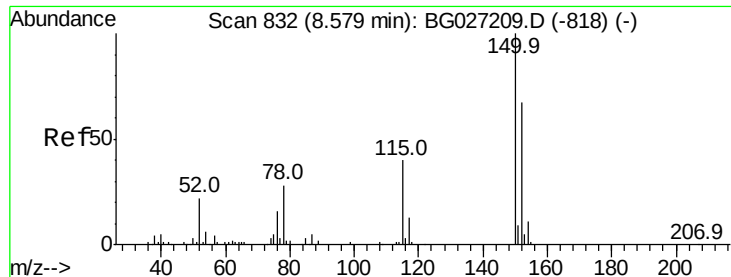
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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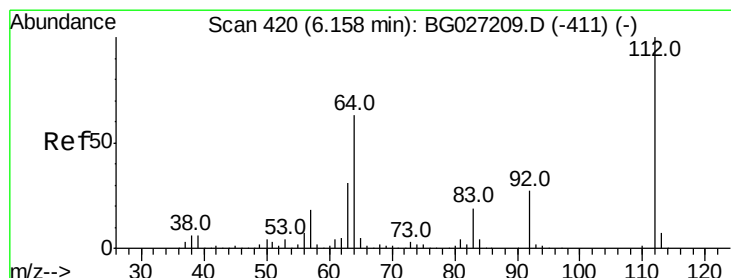
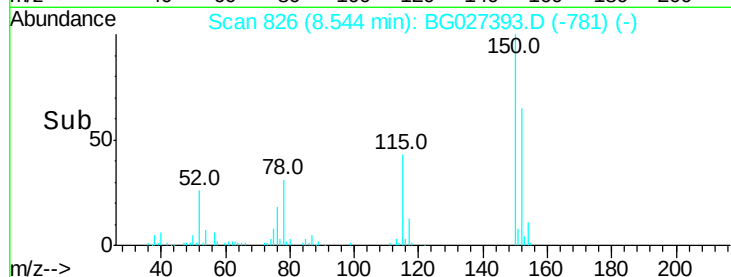
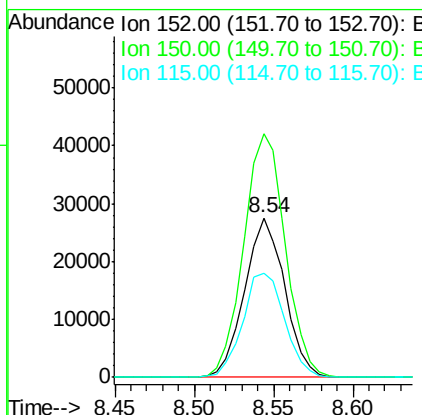
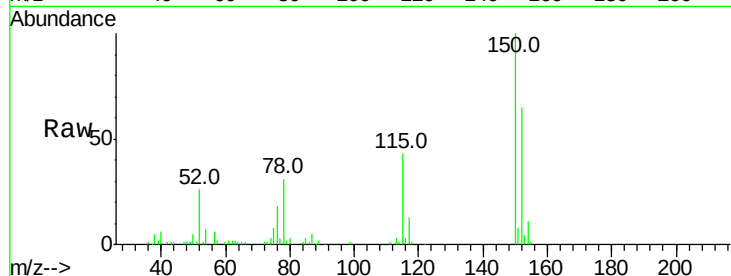


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027393.D
Acq: 13 Jun 2017 19:40

Instrument :
BNA_G
ClientSampled :

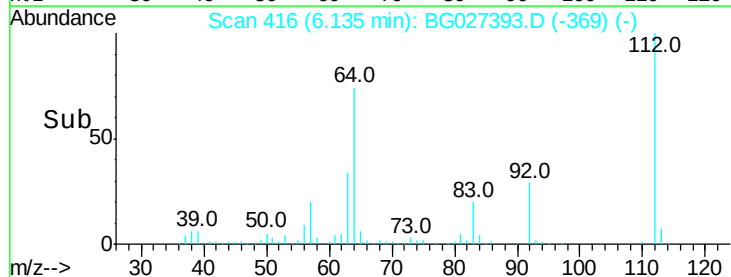
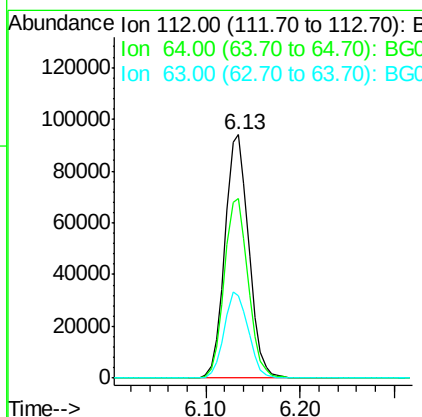
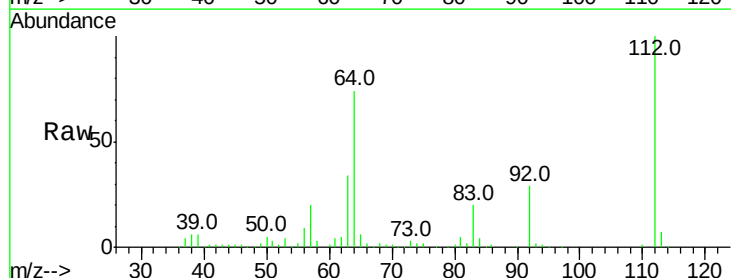
Tot Ion:152 Resp: 48449
Ion Ratio Lower Upper
152 100
150 152.9 114.0 171.0
115 65.5 48.1 72.1

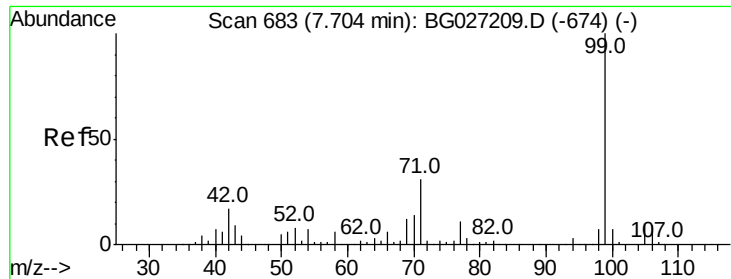


#5

2-Fluorophenol
Concen: 52.31 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027393.D
Acq: 13 Jun 2017 19:40

Tgt Ion:112 Resp: 166087
Ion Ratio Lower Upper
112 100
64 73.6 61.8 92.6
63 33.9 37.2 55.8#





#7

Phenol-d6

Concen: 33.80 ng

RT: 7.67 min Scan# 678

Delta R.T. -0.03 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Instrument :

BNA_G

ClientSampleId :

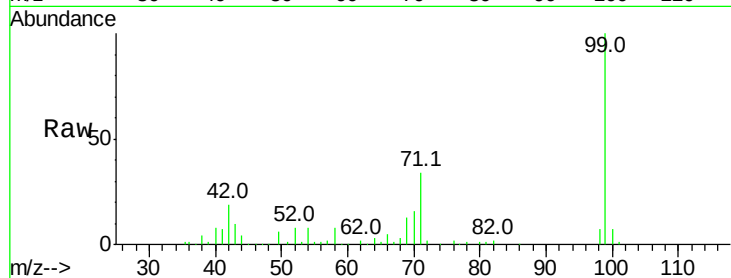
Tot Ion: 99 Resp: 157534

Ion Ratio Lower Upper

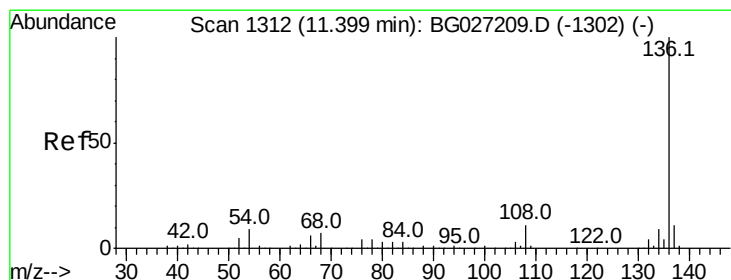
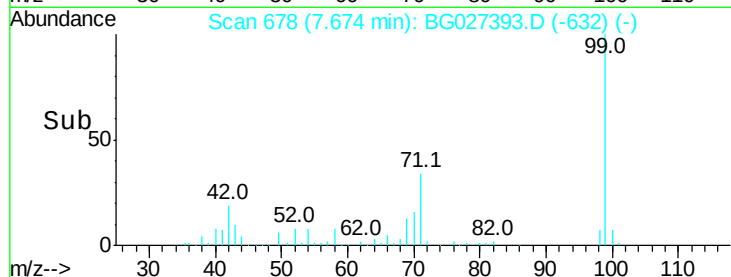
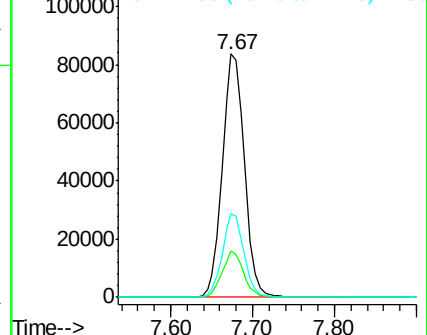
99 100

42 19.3 20.5 30.7#

71 34.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Tgt Ion: 136 Resp: 216386

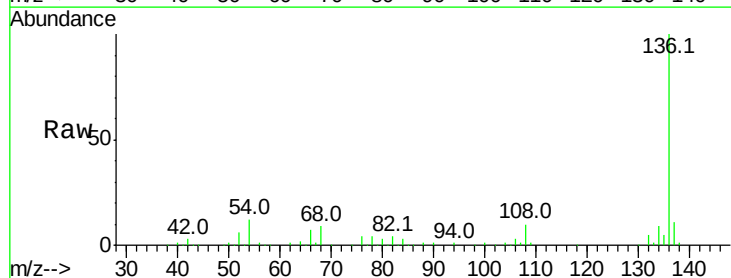
Ion Ratio Lower Upper

136 100

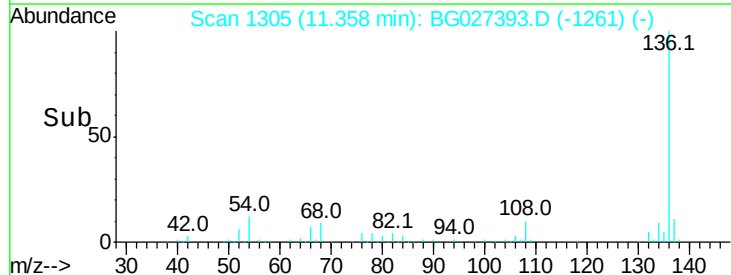
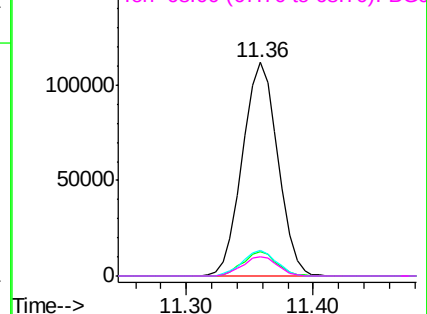
137 11.1 8.9 13.3

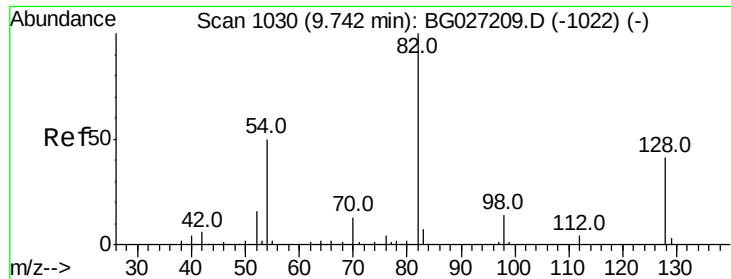
54 11.8 9.3 13.9

68 9.0 5.1 7.7#



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

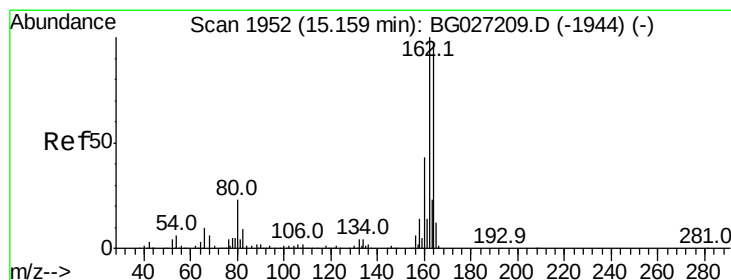
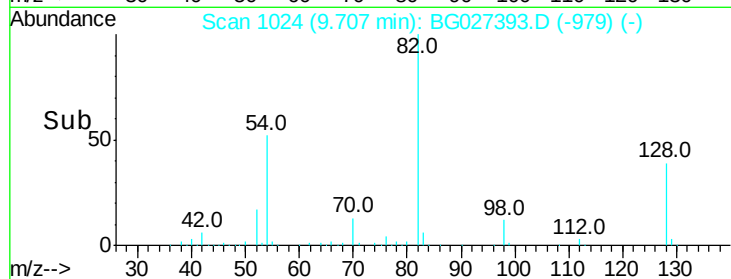
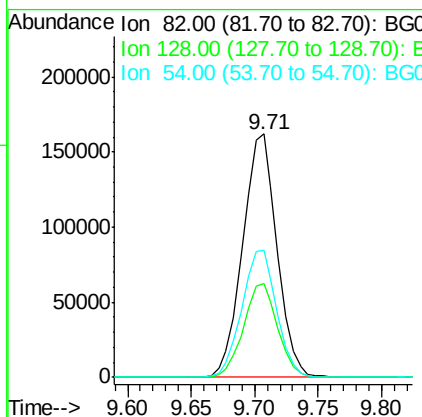
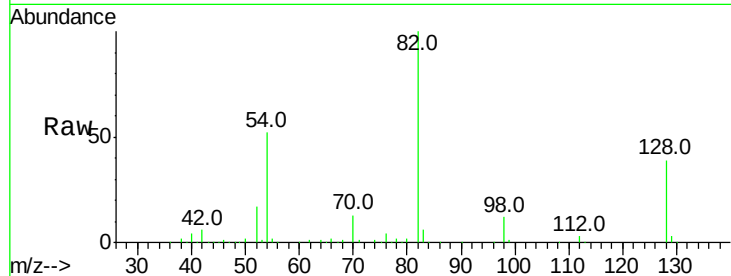




#23
 Nitrobenzene-d5
 Concen: 88.28 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027393.D
 Acq: 13 Jun 2017 19:40

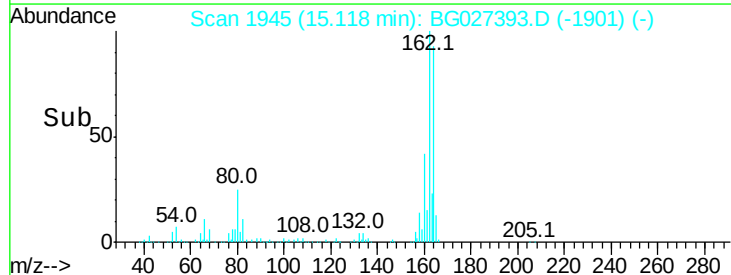
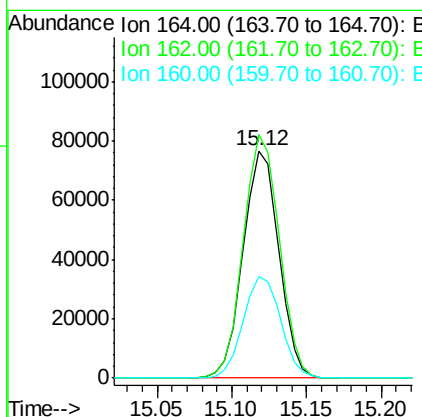
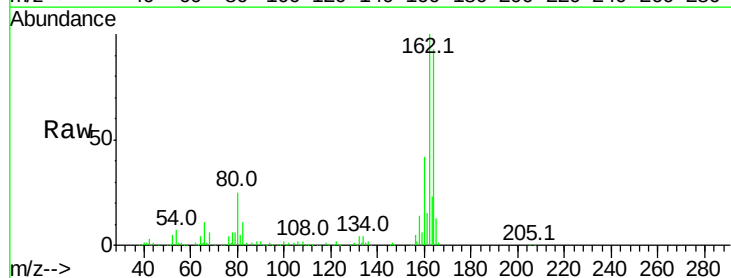
Instrument :
 BNA_G
 ClientSampleId :

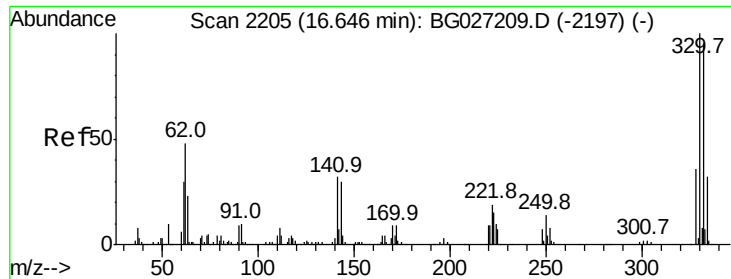
Tot Ion	82	Resp	303735
Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.4	39.6
54	52.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027393.D
 Acq: 13 Jun 2017 19:40

Tgt Ion	164	Resp	127306
Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.1	127.7
160	44.9	34.7	52.1

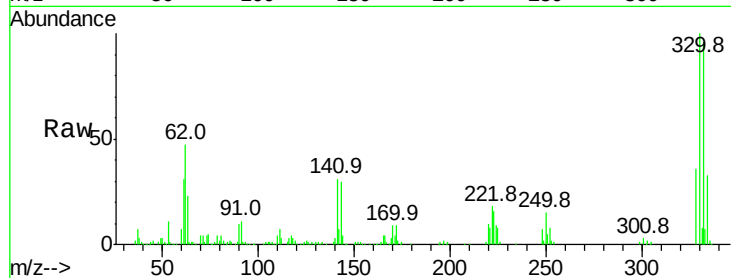




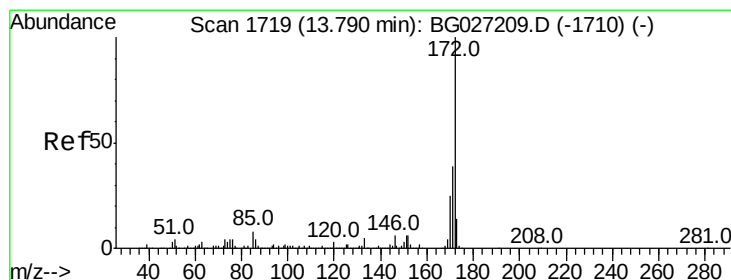
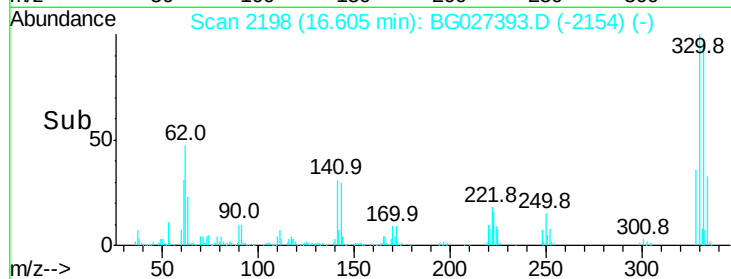
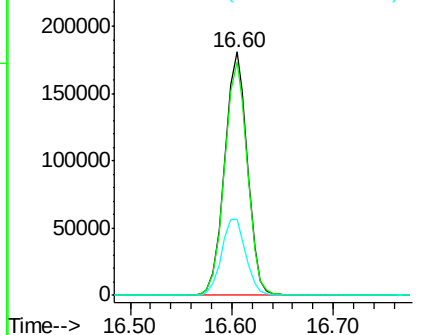
#41
 2,4,6-Tribromophenol
 Concen: 167.55 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027393.D
 Acq: 13 Jun 2017 19:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.4	32.1	48.1

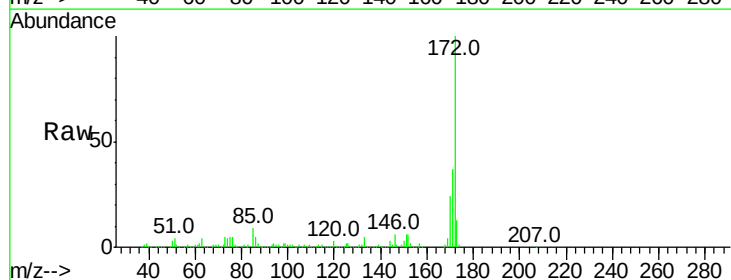


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

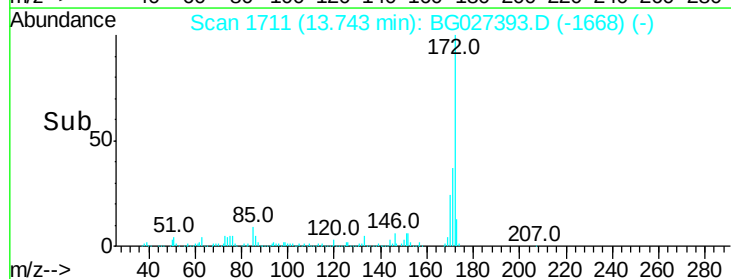
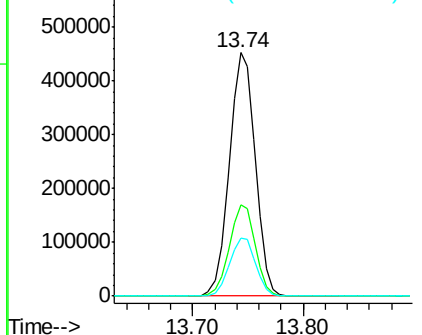


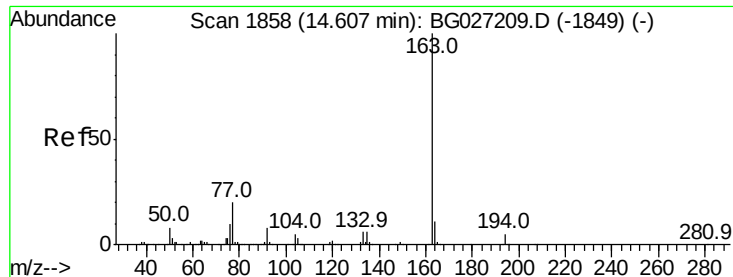
#44
 2-Fluorobiphenyl
 Concen: 81.57 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027393.D
 Acq: 13 Jun 2017 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.0	21.8	32.6



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: 3.33 ng

RT: 14.55 min Scan# 1849

Delta R.T. -0.05 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Instrument :

BNA_G

ClientSampleId :

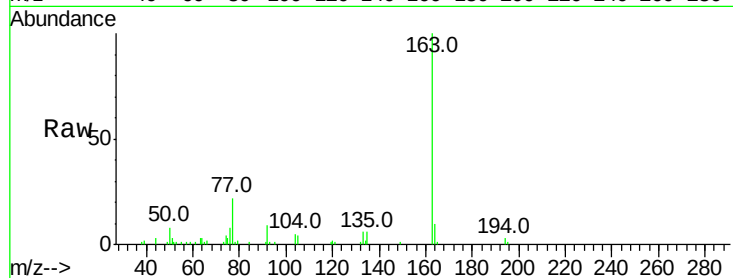
Tot Ion:163 Resp: 33674

Ion Ratio Lower Upper

163 100

194 2.8 3.8 5.6#

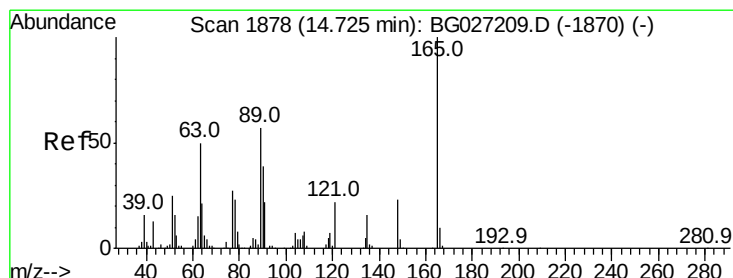
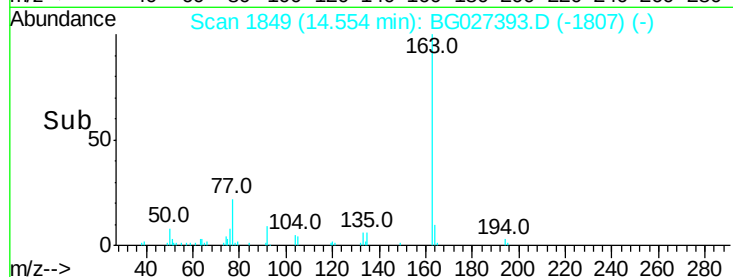
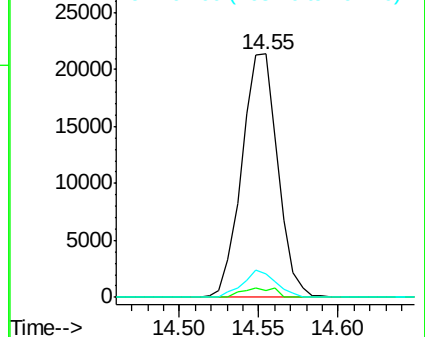
164 9.6 9.3 13.9



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



#50

2,6-Dinitrotoluene

Concen: 5.73 ng

RT: 14.55 min Scan# 1848

Delta R.T. -0.18 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

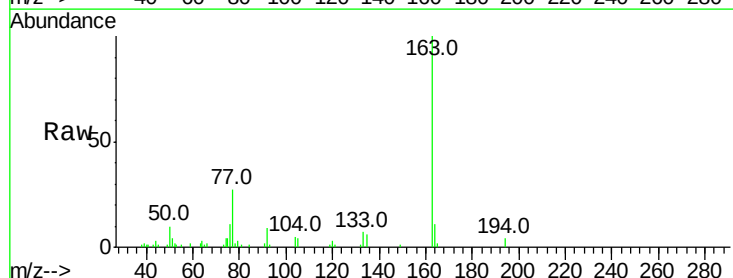
Tgt Ion:165 Resp: 270

Ion Ratio Lower Upper

165 100

63 126.9 63.9 95.9#

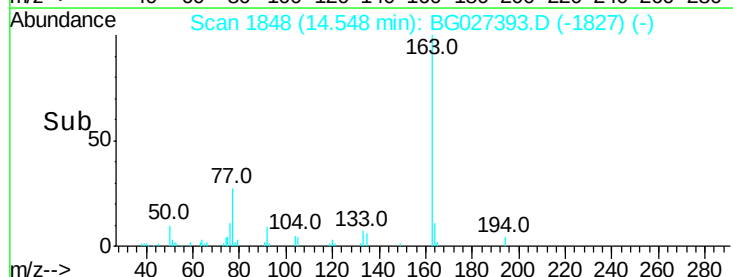
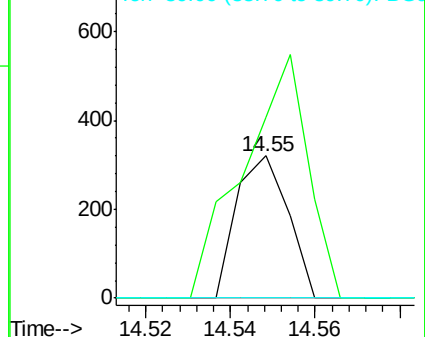
89 0.0 58.6 88.0#

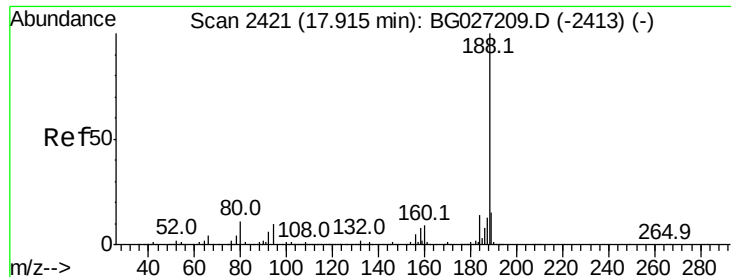


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

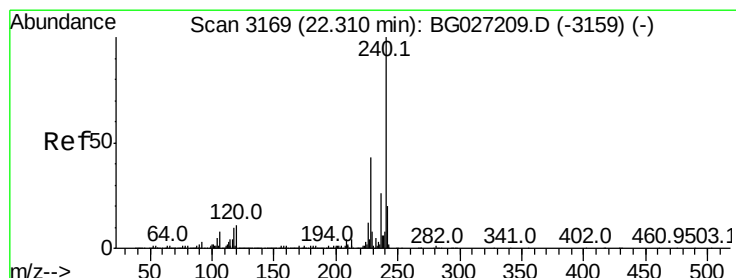
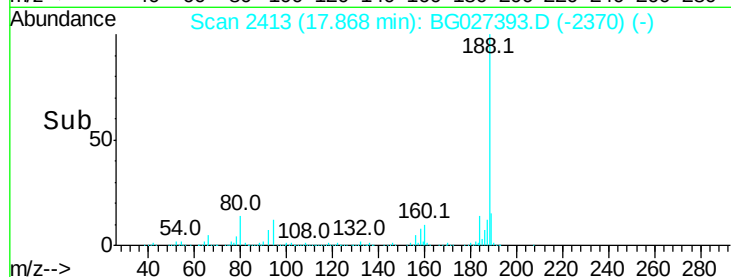
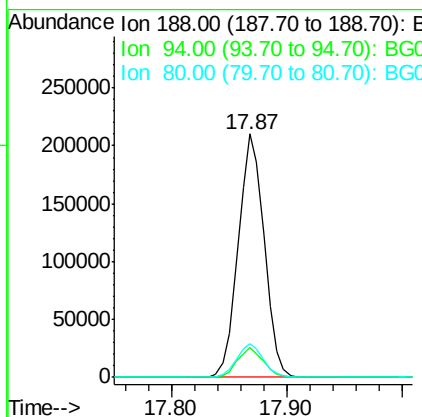
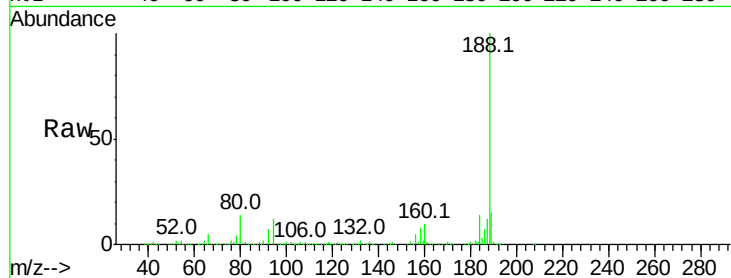




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027393.D
Acq: 13 Jun 2017 19:40

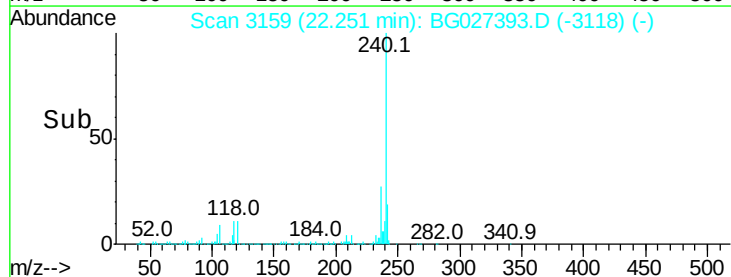
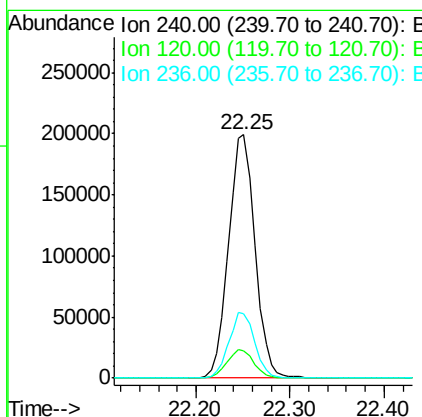
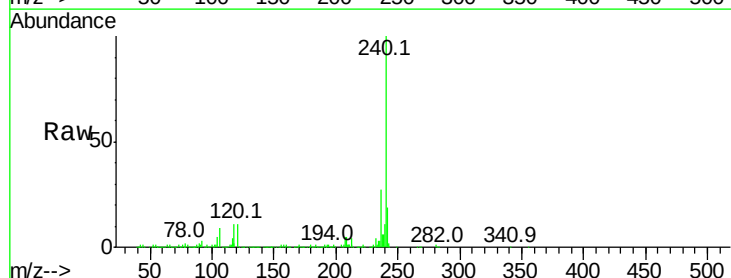
Instrument :
BNA_G
ClientSampleId :

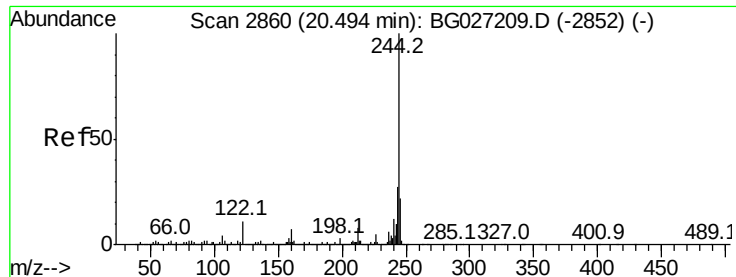
Tot Ion:188 Resp: 326930
Ion Ratio Lower Upper
188 100
94 12.4 5.8 8.8#
80 14.1 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027393.D
Acq: 13 Jun 2017 19:40

Tgt Ion:240 Resp: 388332
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 26.7 22.2 33.4





#78

Terphenyl-d14

Concen: 101.82 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

Instrument :

BNA_G

ClientSampled :

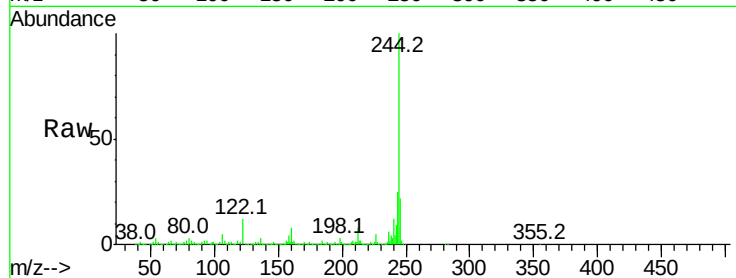
Tot Ion:244 Resp: 1549918

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	12.1	8.6	12.8

244 100

212 8.3 10.0 15.0#

122 12.1 8.6 12.8

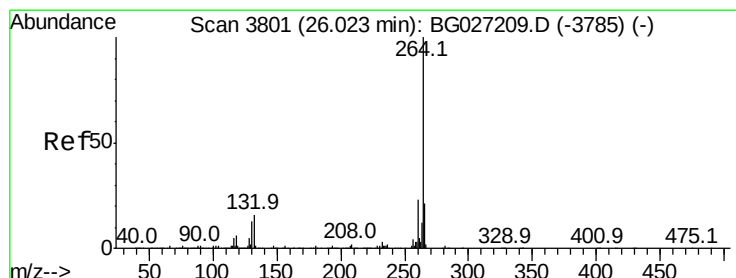
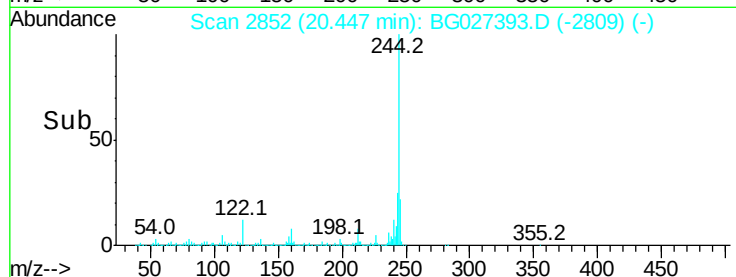
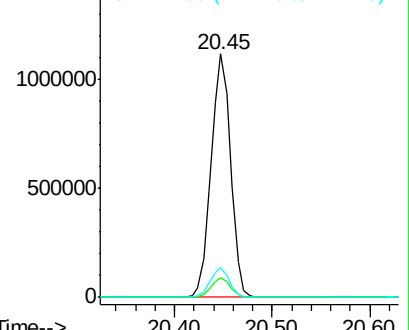


Abundance

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: 25.92 min Scan# 3784

Delta R.T. -0.10 min

Lab File: BG027393.D

Acq: 13 Jun 2017 19:40

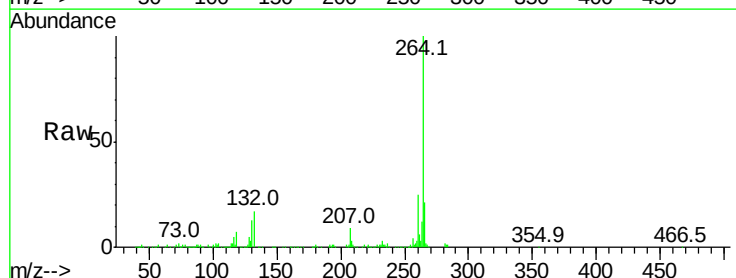
Tgt Ion:264 Resp: 368049

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	21.5	18.2	27.4

264 100

260 24.6 21.8 32.8

265 21.5 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

