

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027394.D
 Acq On : 13 Jun 2017 20:20
 Operator : SJ/MA
 Sample : I3614-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 06:10:12 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

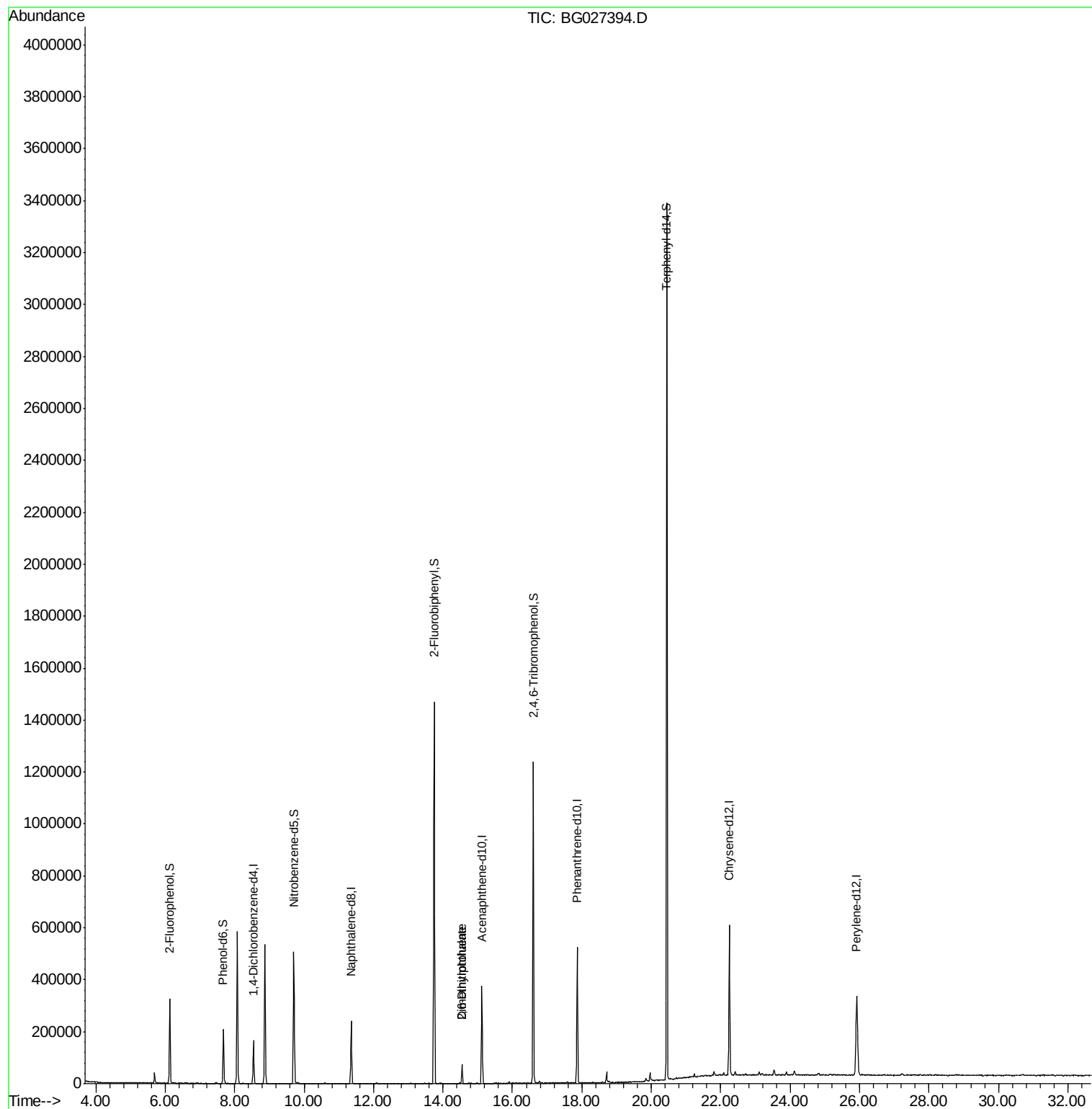
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	47607	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	214036	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	126054	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	321768	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	383256	20.00	ng	-0.06
86) Perylene-d12	25.92	264	368272	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	146604	46.99	ng	-0.03
7) Phenol-d6	7.68	99	130396	28.47	ng	-0.03
23) Nitrobenzene-d5	9.70	82	329129	96.71	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	238302	143.56	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	769685	85.42	ng	-0.04
78) Terphenyl-d14	20.45	244	1551263	103.25	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.55	163	48590	4.86	ng	Qvalue 97
50) 2,6-Dinitrotoluene	14.55	165	386	5.78	ng	# 1

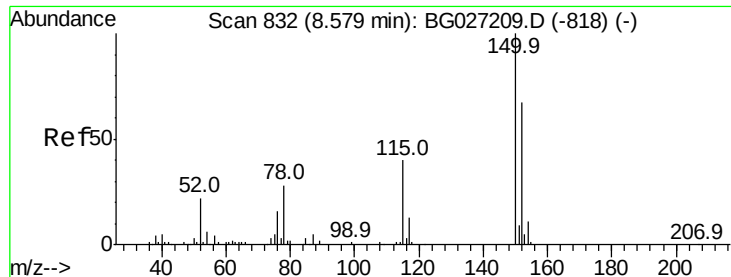
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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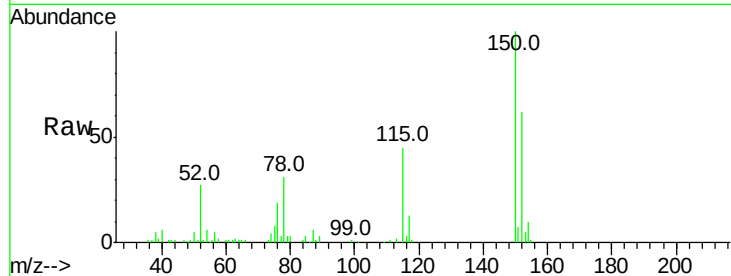


#1

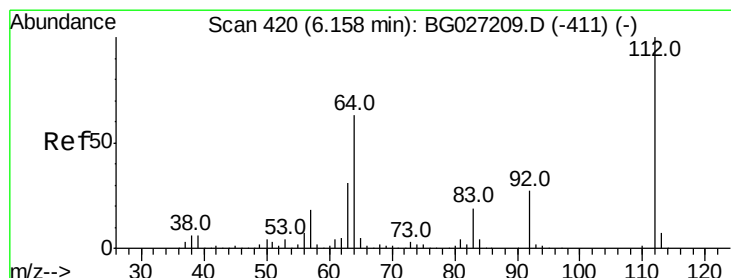
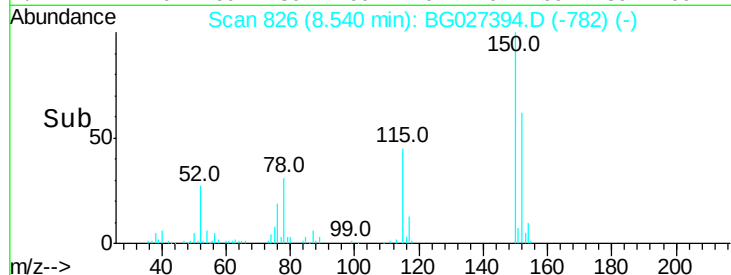
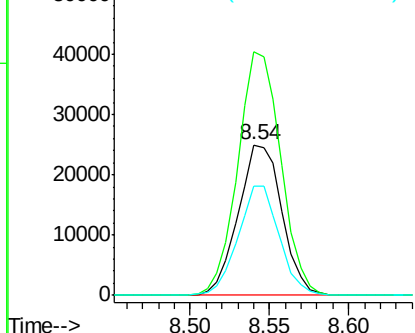
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027394.D
Acq: 13 Jun 2017 20:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47607
Ion Ratio Lower Upper
152 100
150 161.6 114.0 171.0
115 72.7 48.1 72.1#



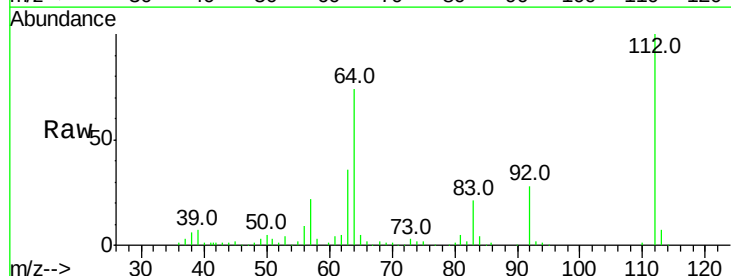
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



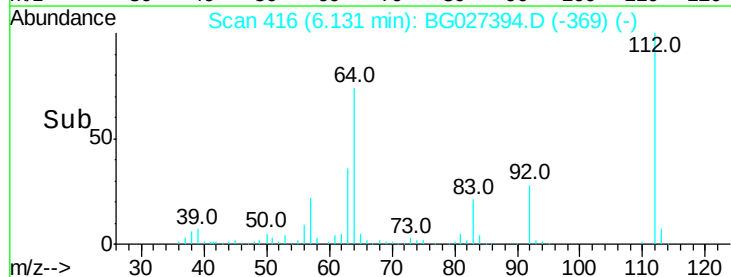
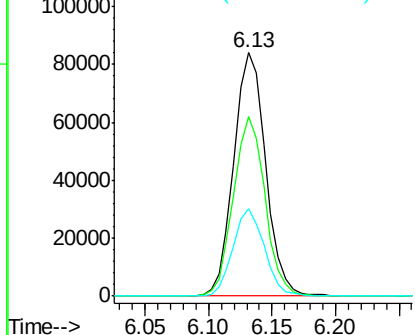
#5

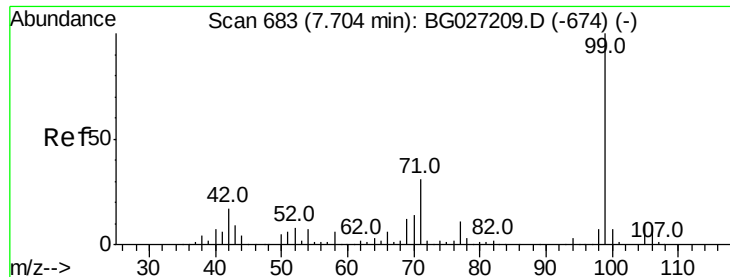
2-Fluorophenol
Concen: 46.99 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027394.D
Acq: 13 Jun 2017 20:20

Tgt Ion:112 Resp: 146604
Ion Ratio Lower Upper
112 100
64 73.8 61.8 92.6
63 35.7 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: 28.47 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027394.D

Acq: 13 Jun 2017 20:20

Instrument :

BNA_G

ClientSampled :

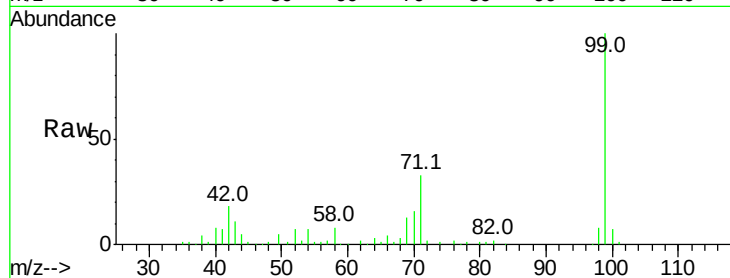
Tot Ion: 99 Resp: 130396

Ion Ratio Lower Upper

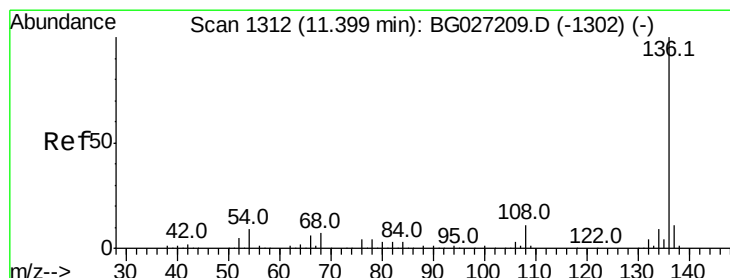
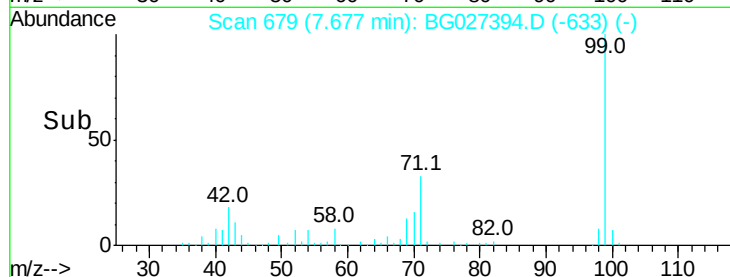
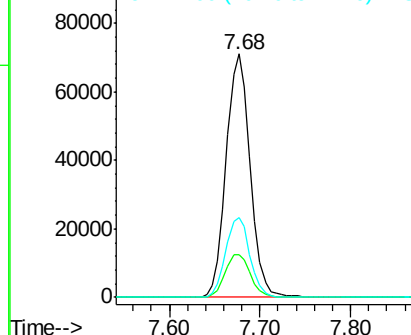
99 100

42 17.6 20.5 30.7#

71 32.9 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# 1306

Delta R.T. -0.04 min

Lab File: BG027394.D

Acq: 13 Jun 2017 20:20

Tgt Ion: 136 Resp: 214036

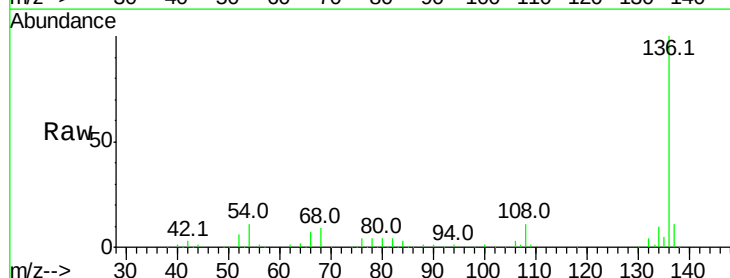
Ion Ratio Lower Upper

136 100

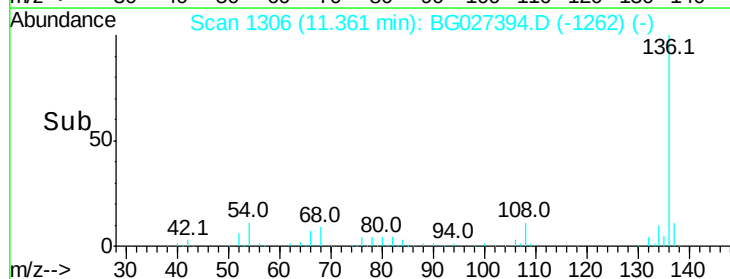
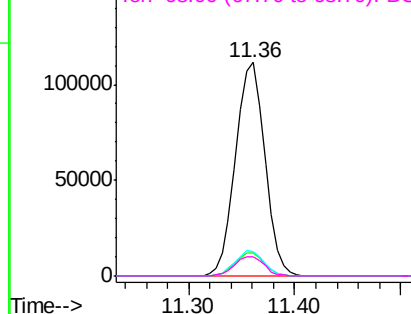
137 11.1 8.9 13.3

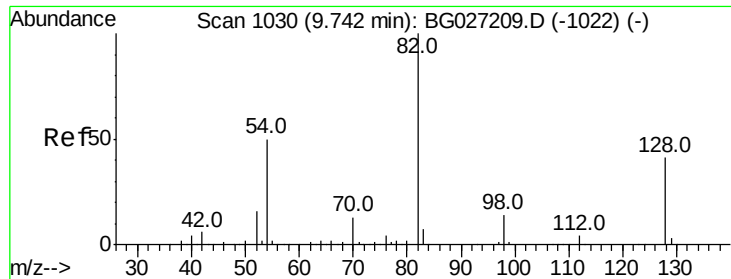
54 11.2 9.3 13.9

68 8.9 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

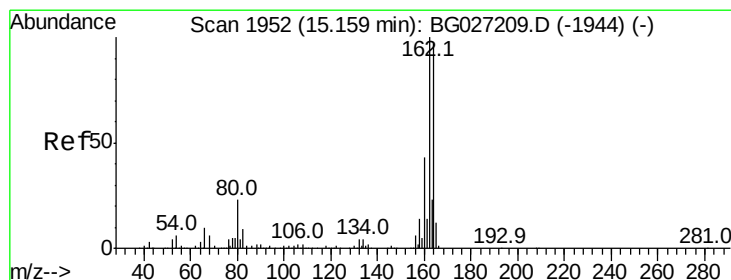
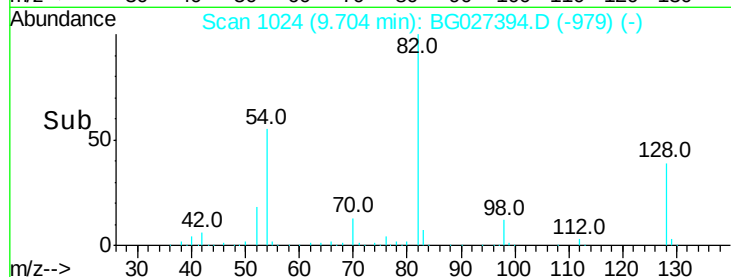
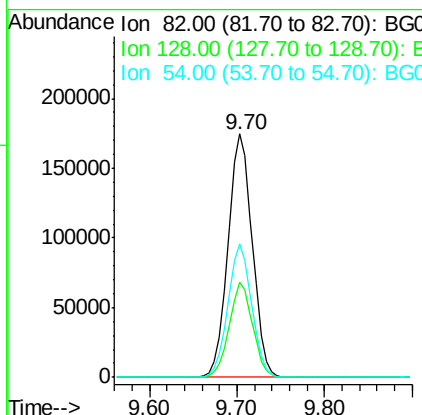
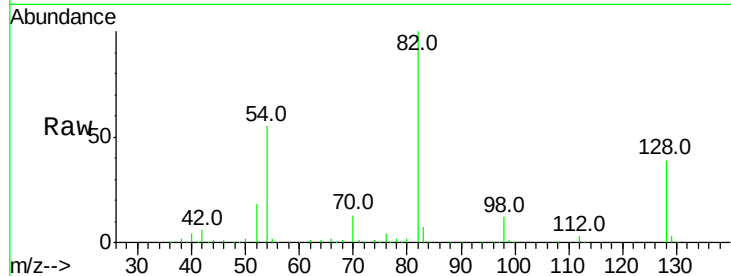




#23
 Nitrobenzene-d5
 Concen: 96.71 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027394.D
 Acq: 13 Jun 2017 20:20

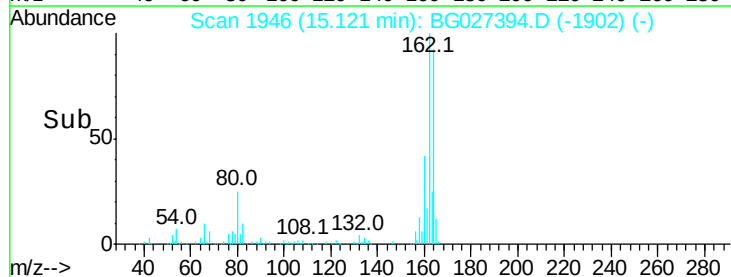
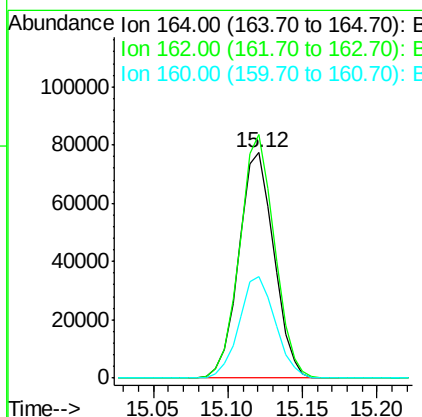
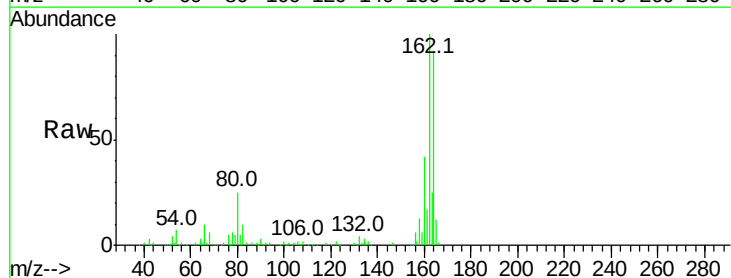
Instrument :
 BNA_G
 ClientSampleId :

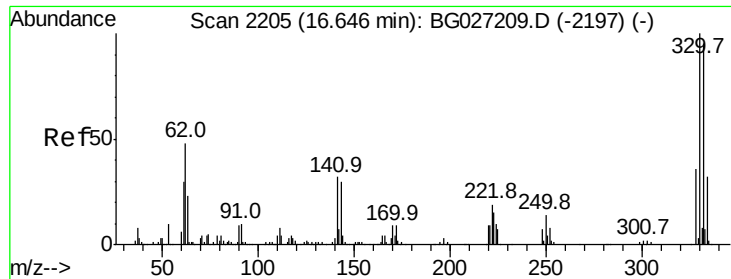
Tot Ion	82	Resp	329129
Ion	Ratio	Lower	Upper
82	100		
128	39.1	26.4	39.6
54	54.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: BG027394.D
 Acq: 13 Jun 2017 20:20

Tgt Ion	164	Resp	126054
Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.1	127.7
160	45.4	34.7	52.1

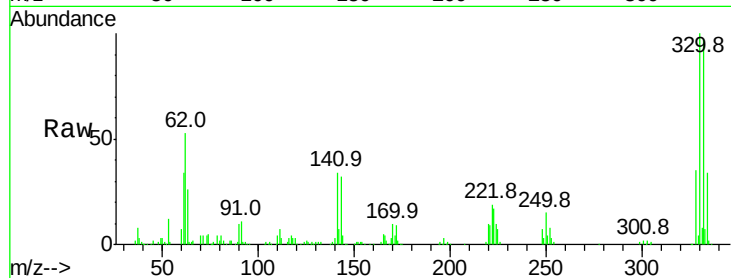




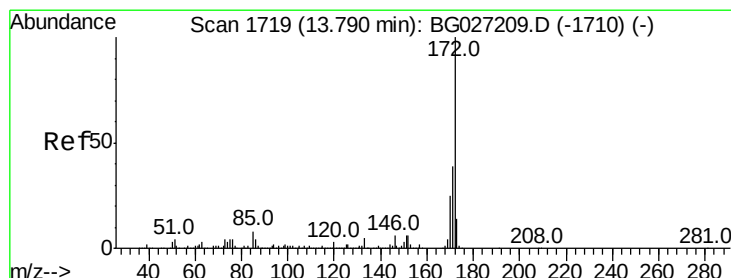
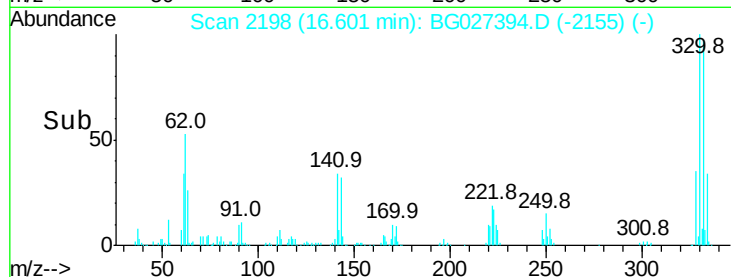
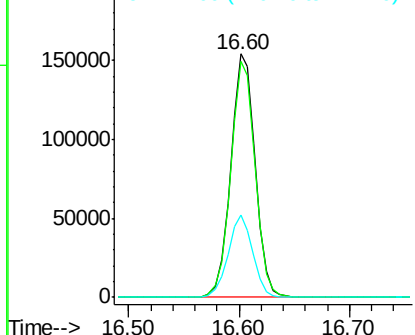
#41
 2,4,6-Tribromophenol
 Concen: 143.56 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027394.D
 Acq: 13 Jun 2017 20:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.8	32.1	48.1

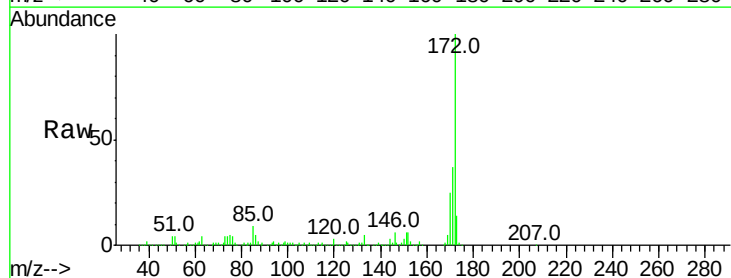


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

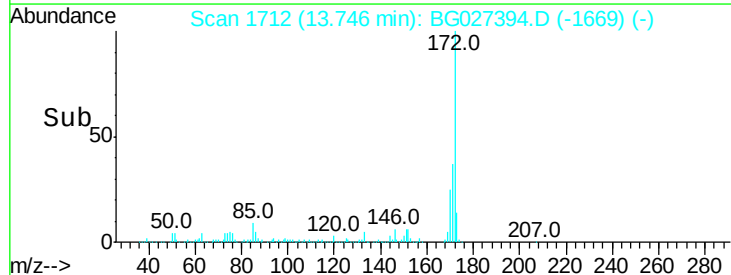
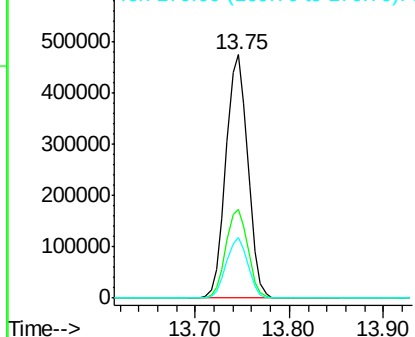


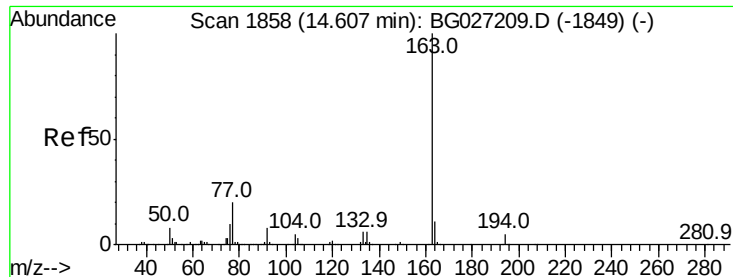
#44
 2-Fluorobiphenyl
 Concen: 85.42 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027394.D
 Acq: 13 Jun 2017 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	24.6	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: 4.86 ng

RT: 14.55 min Scan# 1849

Delta R.T. -0.06 min

Lab File: BG027394.D

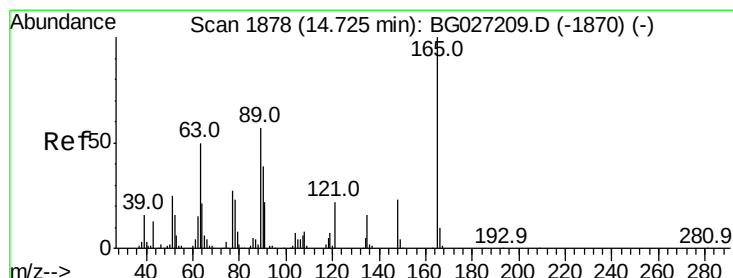
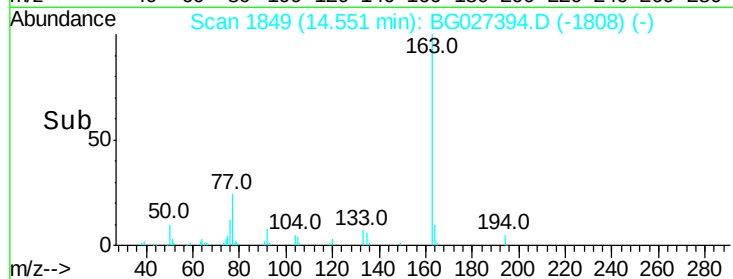
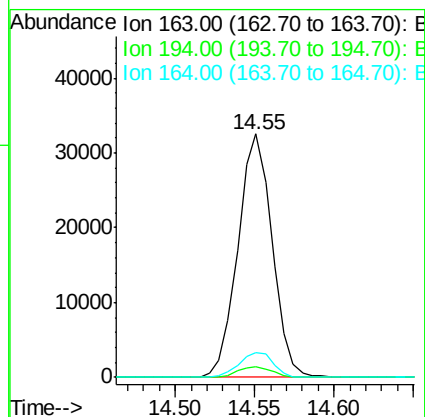
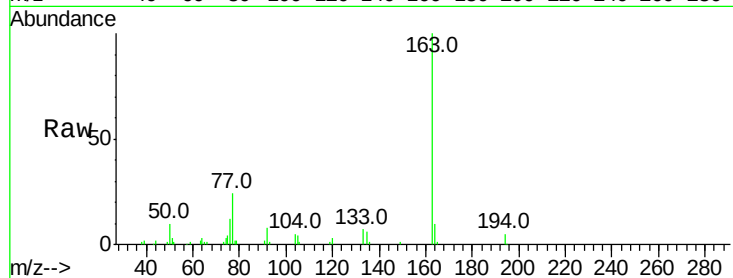
Acq: 13 Jun 2017 20:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	48590
Ion Ratio	Lower	Upper
163	100	
194	5.0	3.8 5.6
164	10.2	9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 5.78 ng

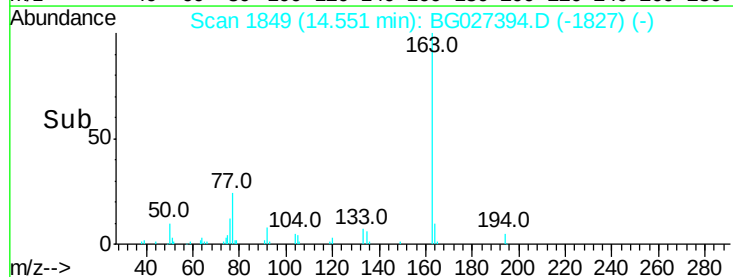
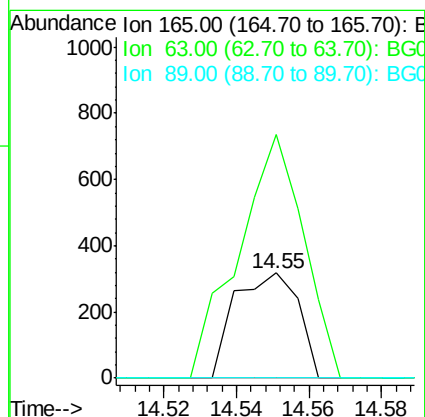
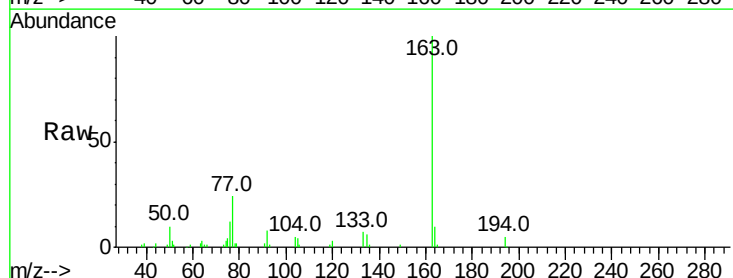
RT: 14.55 min Scan# 1849

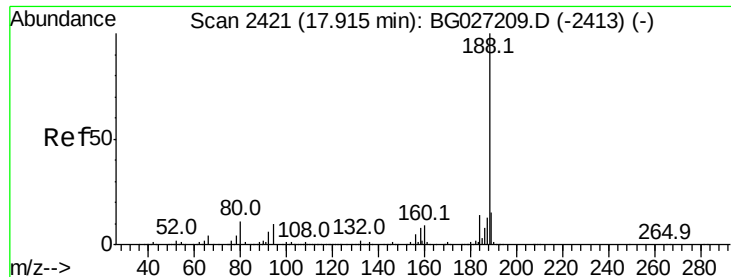
Delta R.T. -0.17 min

Lab File: BG027394.D

Acq: 13 Jun 2017 20:20

Tgt Ion:165	Resp:	386
Ion Ratio	Lower	Upper
165	100	
63	231.4	63.9 95.9#
89	0.0	58.6 88.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.87 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG027394.D

Acq: 13 Jun 2017 20:20

Instrument :

BNA_G

ClientSampled :

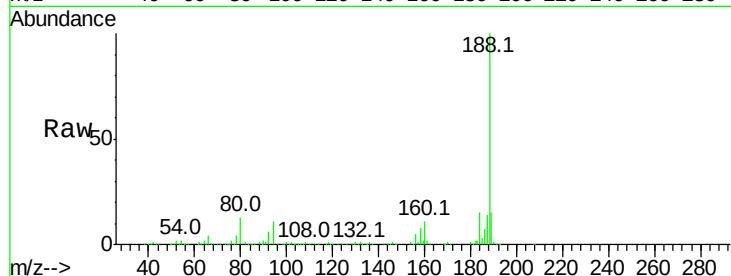
Tot Ion:188 Resp: 321768

Ion Ratio Lower Upper

188 100

94 11.0 5.8 8.8#

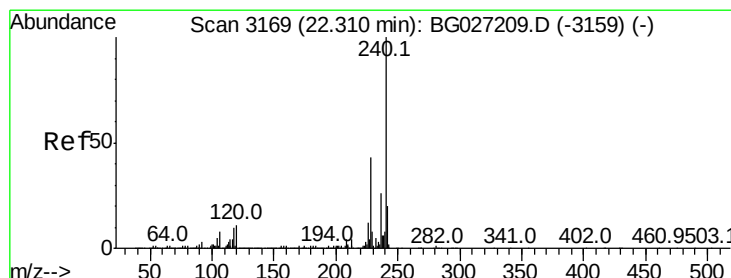
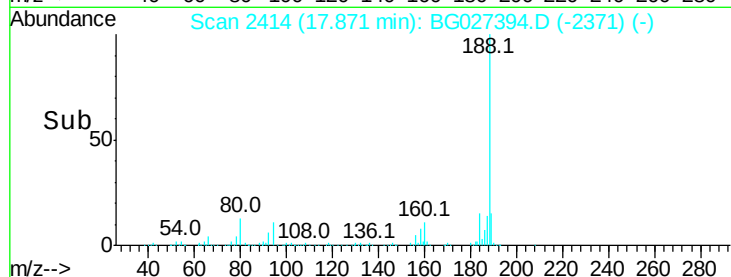
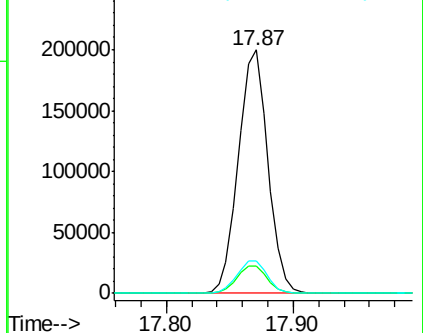
80 13.5 7.5 11.3#



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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027394.D

Acq: 13 Jun 2017 20:20

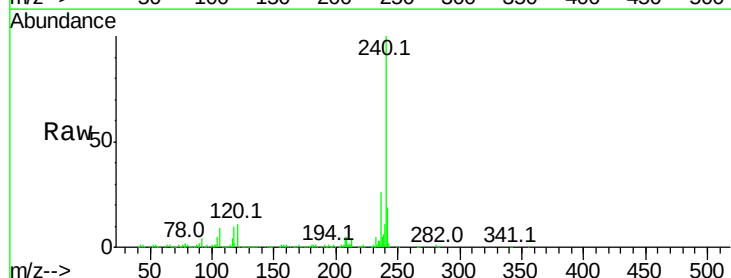
Tgt Ion:240 Resp: 383256

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

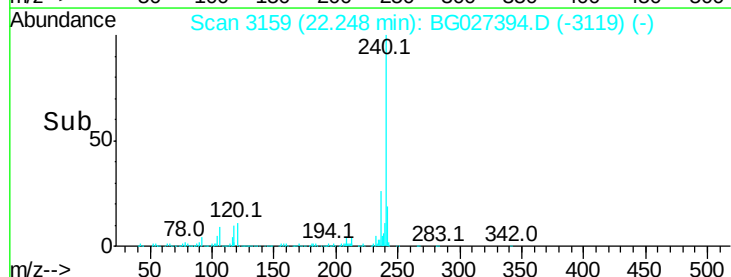
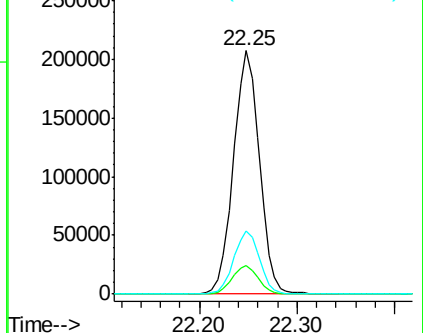
236 26.2 22.2 33.4

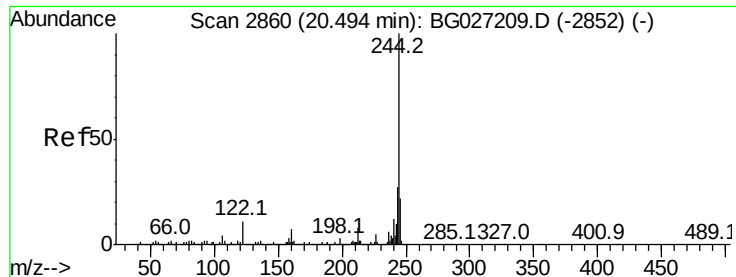


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.25 ng

RT: 20.45 min Scan# 2853

Delta R.T. -0.04 min

Lab File: BG027394.D

Acq: 13 Jun 2017 20:20

Instrument :

BNA_G

ClientSampleId :

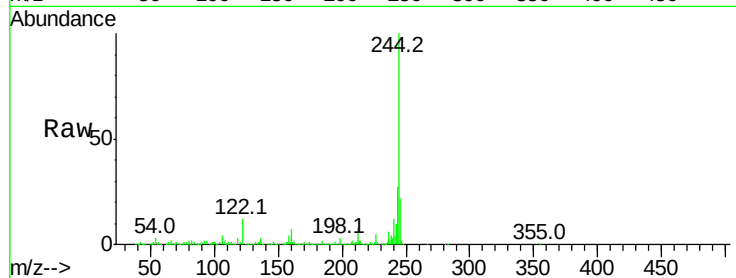
Tot Ion:244 Resp: 1551263

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

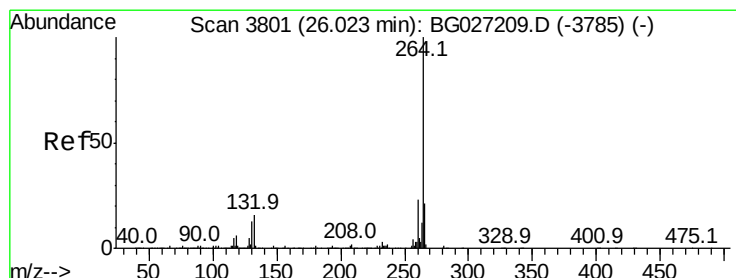
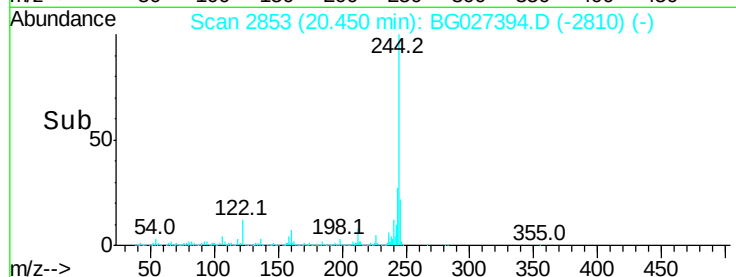
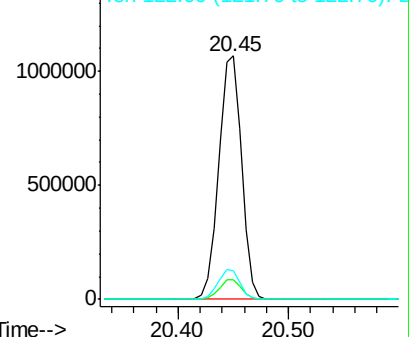
122 11.6 8.6 12.8



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: BG027394.D

Acq: 13 Jun 2017 20:20

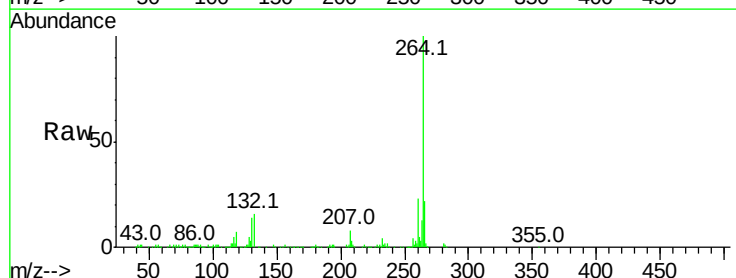
Tgt Ion:264 Resp: 368272

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 22.3 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

