

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028887.D
 Acq On : 22 Sep 2017 23:19
 Operator : SJ/JU
 Sample : I5301-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 23 00:51:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

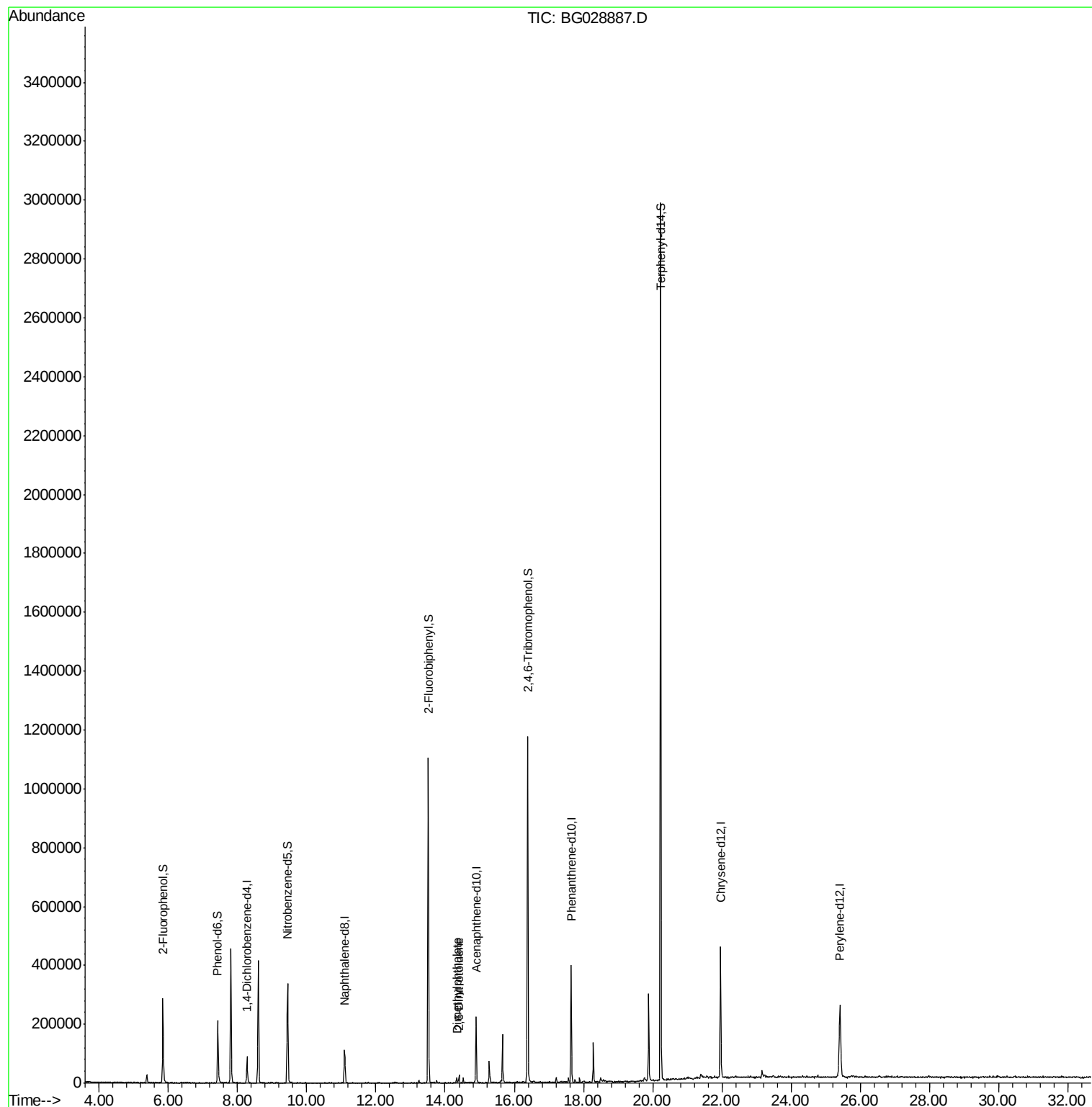
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25544	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	101644	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	80136	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	252827	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	305159	20.00	ng	-0.07
86) Perylene-d12	25.41	264	314373	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	120449	77.81	ng	-0.06
7) Phenol-d6	7.43	99	125962	54.04	ng	-0.06
23) Nitrobenzene-d5	9.45	82	220757	103.90	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	257604	194.36	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	595022	99.01	ng	-0.05
78) Terphenyl-d14	20.23	244	1457434	101.85	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.34	163	13580	2.02	ng	# 85
50) 2,6-Dinitrotoluene	14.40	165	4022	2.69	ng	# 11

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028887.D

Acq: 22 Sep 2017 23:19

Instrument :

BNA_G

ClientSampleId :

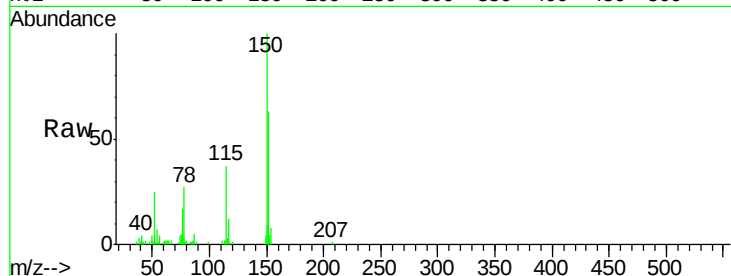
Tot Ion:152 Resp: 25544

Ion Ratio Lower Upper

152 100

150 157.9 114.0 171.0

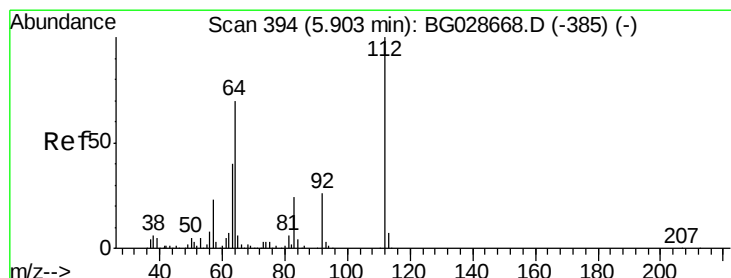
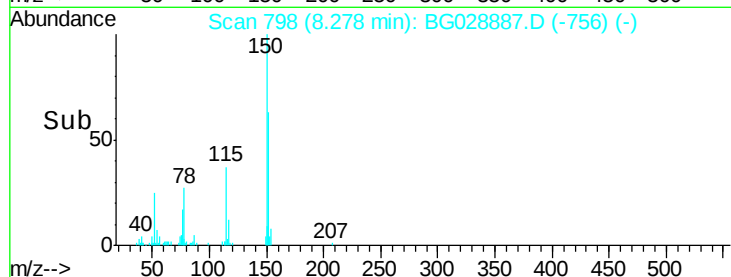
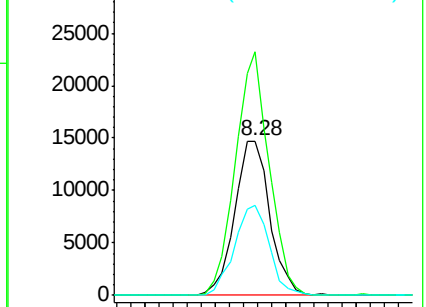
115 58.6 48.1 72.1



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: 77.81 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028887.D

Acq: 22 Sep 2017 23:19

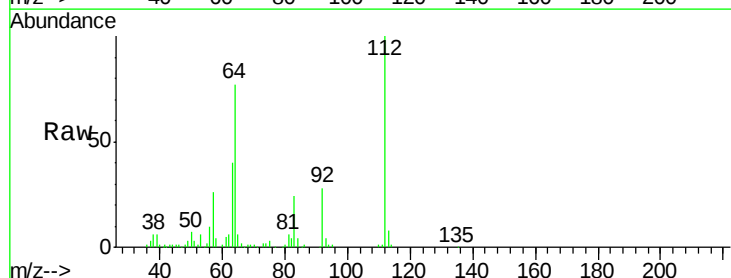
Tgt Ion:112 Resp: 120449

Ion Ratio Lower Upper

112 100

64 76.9 61.8 92.6

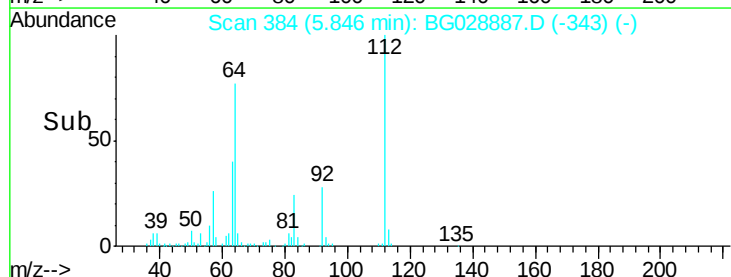
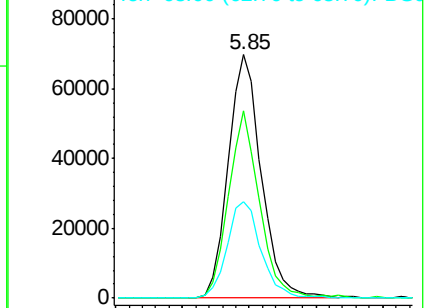
63 39.8 37.2 55.8

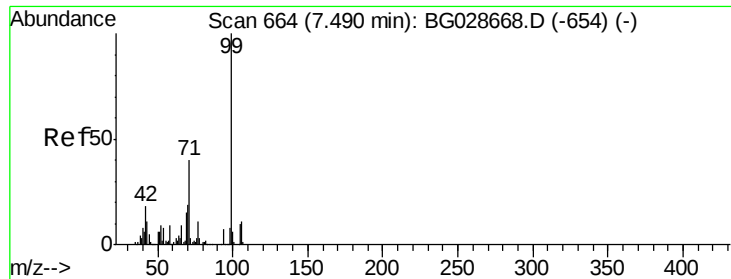


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 54.04 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028887.D

Acq: 22 Sep 2017 23:19

Instrument :

BNA_G

ClientSampleId :

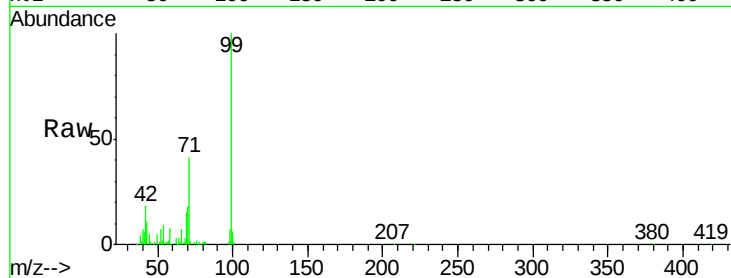
Tot Ion: 99 Resp: 125962

Ion Ratio Lower Upper

99 100

42 17.7 20.5 30.7#

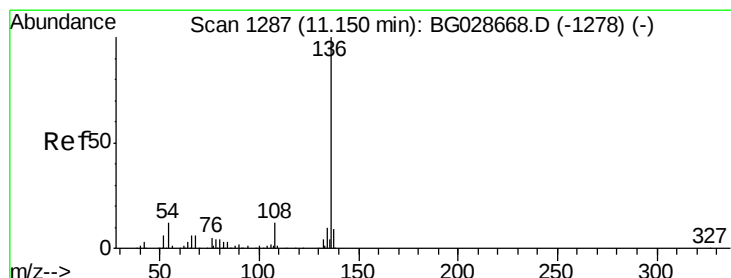
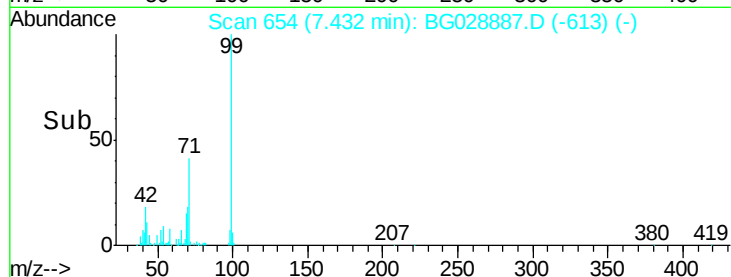
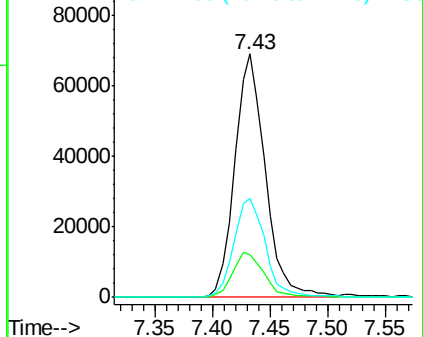
71 40.7 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028887.D

Acq: 22 Sep 2017 23:19

Tgt Ion: 136 Resp: 101644

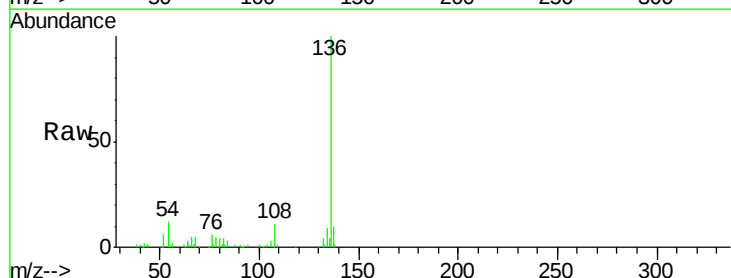
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 12.1 9.3 13.9

68 5.0 5.1 7.7#

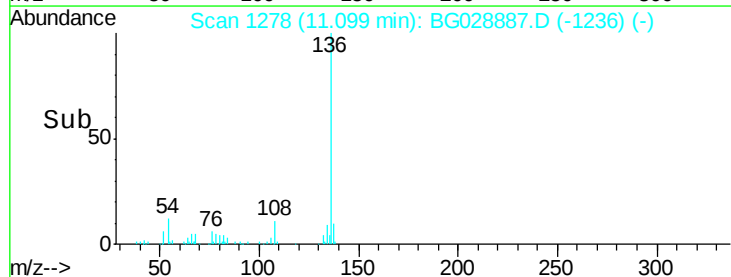
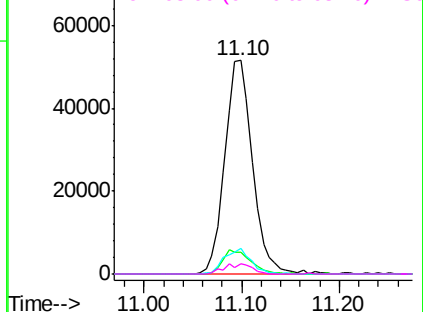


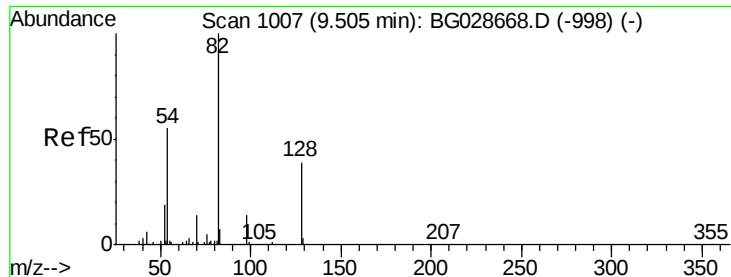
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

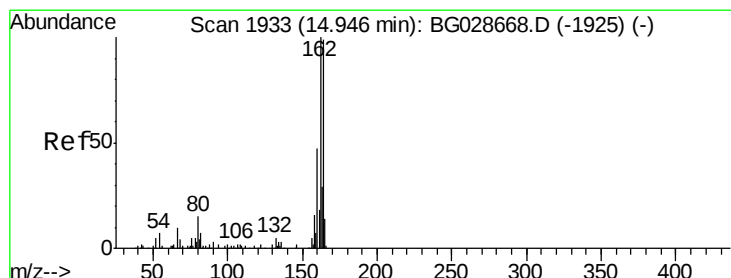
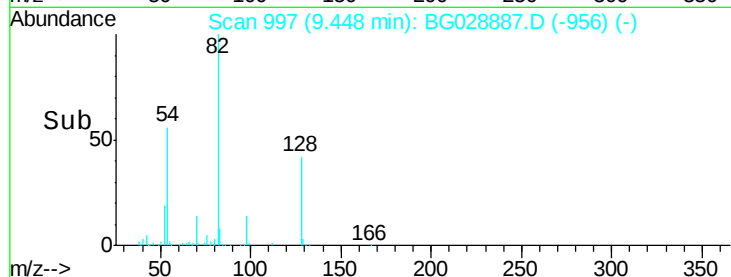
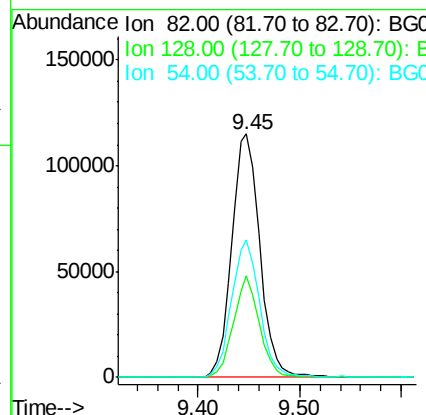
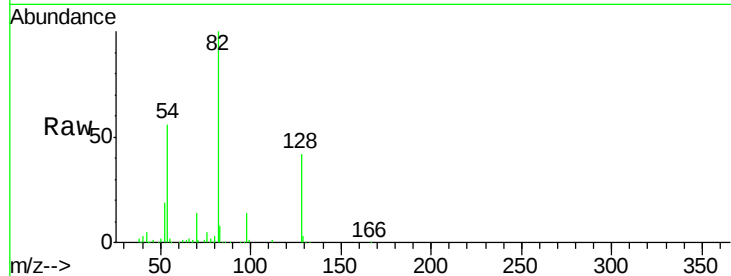




#23
 Nitrobenzene-d5
 Concen: 103.90 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028887.D
 Acq: 22 Sep 2017 23:19

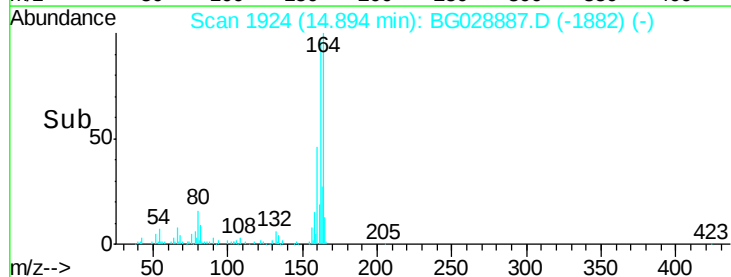
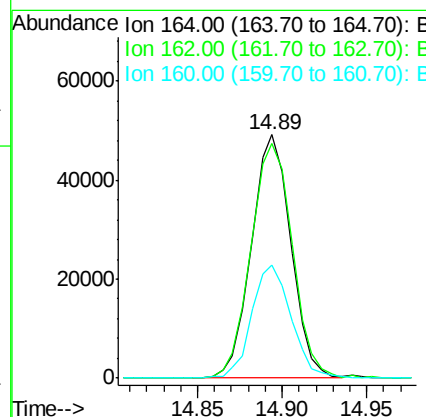
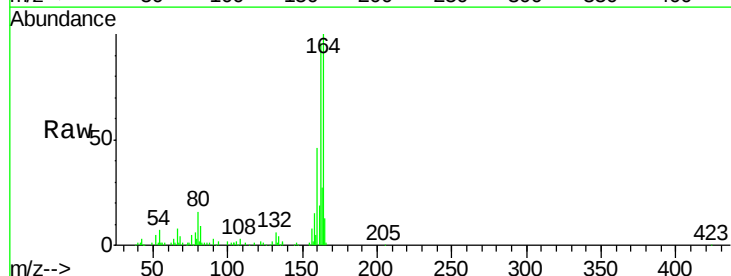
Instrument :
 BNA_G
 ClientSampleId :

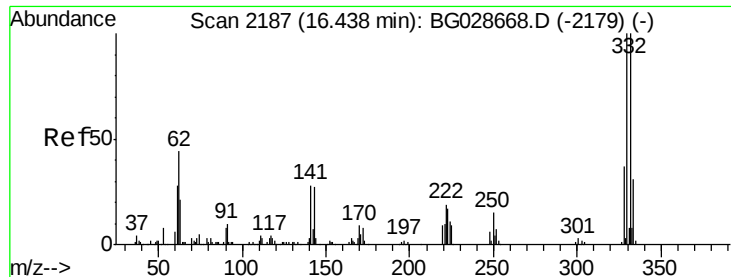
Tot Ion	82	Resp	220757
Ion	Ratio	Lower	Upper
82	100		
128	41.7	26.4	39.6#
54	56.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028887.D
 Acq: 22 Sep 2017 23:19

Tgt Ion	164	Resp	80136
Ion	Ratio	Lower	Upper
164	100		
162	96.3	85.1	127.7
160	46.4	34.7	52.1

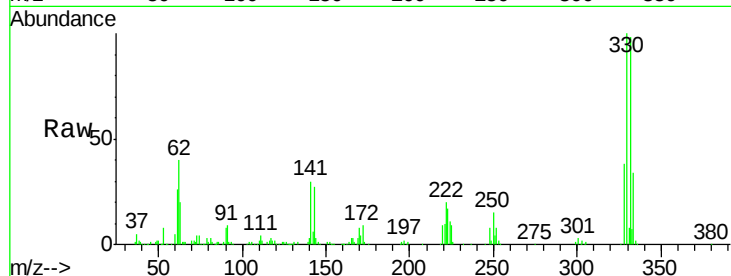




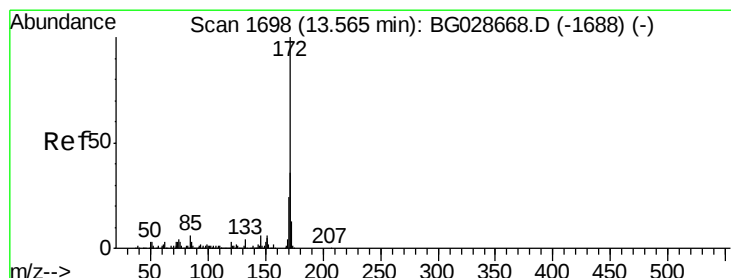
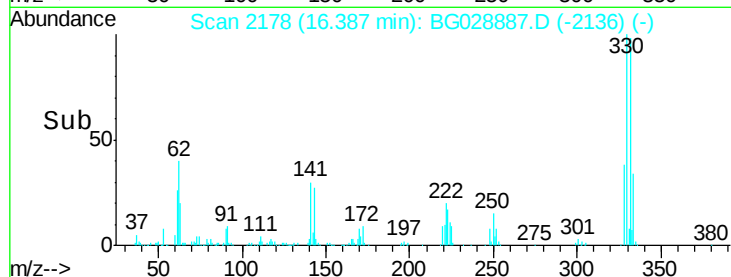
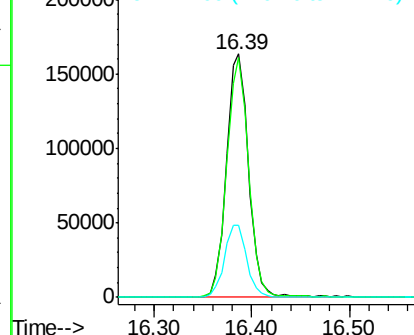
#41
 2,4,6-Tribromophenol
 Concen: 194.36 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028887.D
 Acq: 22 Sep 2017 23:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	30.0	32.1	48.1#

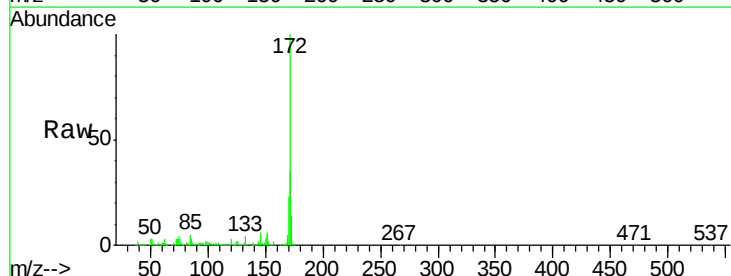


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

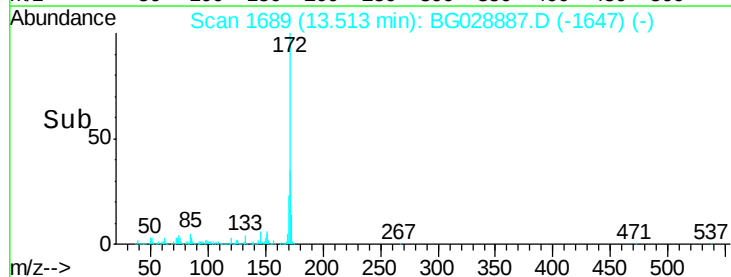
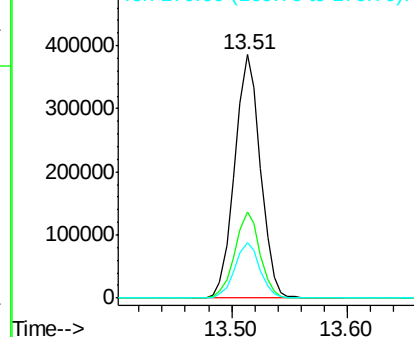


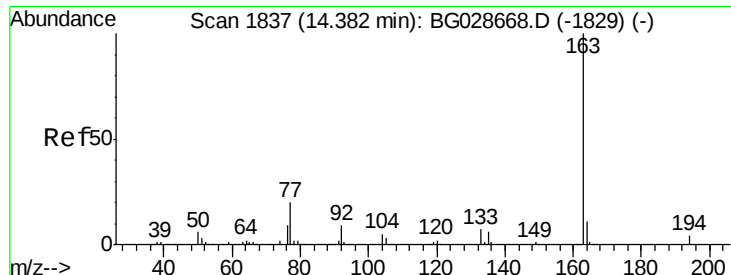
#44
 2-Fluorobiphenyl
 Concen: 99.01 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028887.D
 Acq: 22 Sep 2017 23:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	22.9	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: 2.02 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028887.D

Acq: 22 Sep 2017 23:19

Instrument :

BNA_G

ClientSampleId :

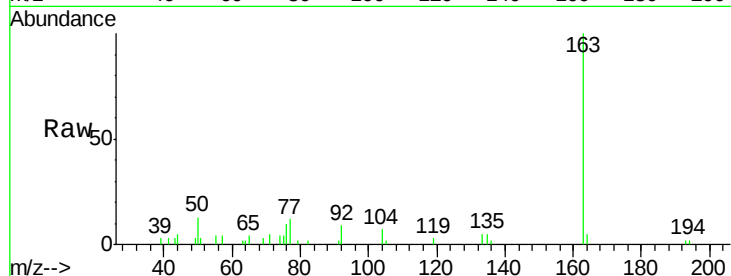
Tot Ion:163 Resp: 13580

Ion Ratio Lower Upper

163 100

194 2.4 3.8 5.6#

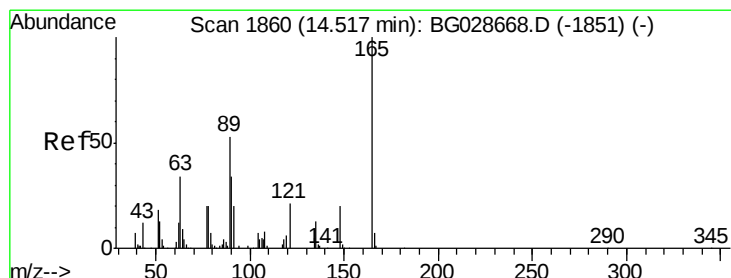
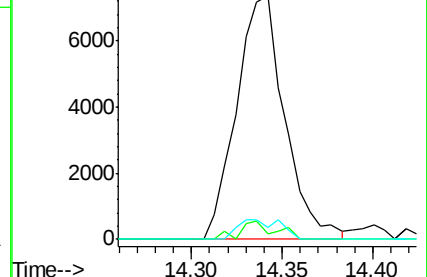
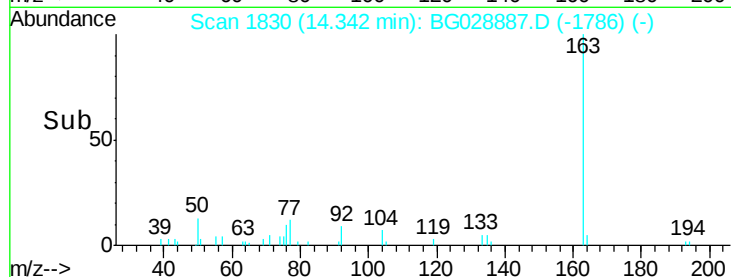
164 4.8 9.3 13.9#



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: 2.69 ng

RT: 14.40 min Scan# 1840

Delta R.T. -0.12 min

Lab File: BG028887.D

Acq: 22 Sep 2017 23:19

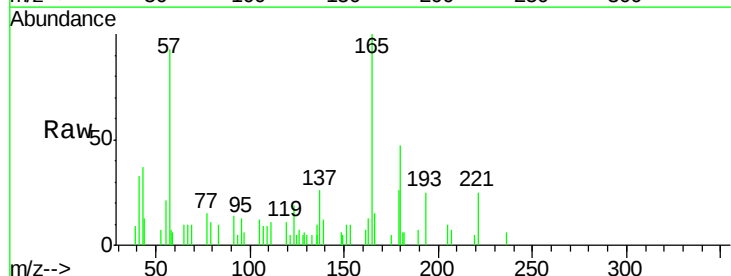
Tgt Ion:165 Resp: 4022

Ion Ratio Lower Upper

165 100

63 0.0 63.9 95.9#

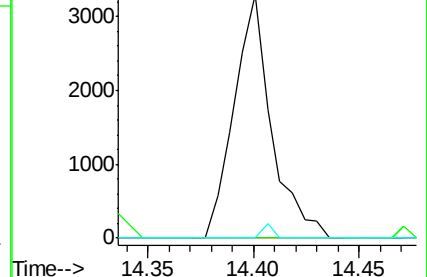
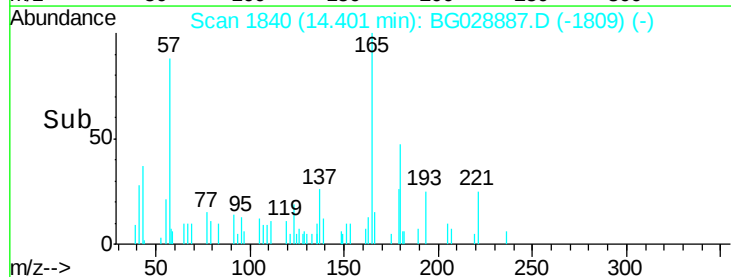
89 0.0 58.6 88.0#

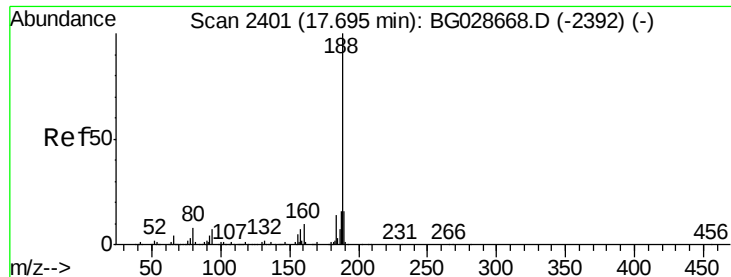


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

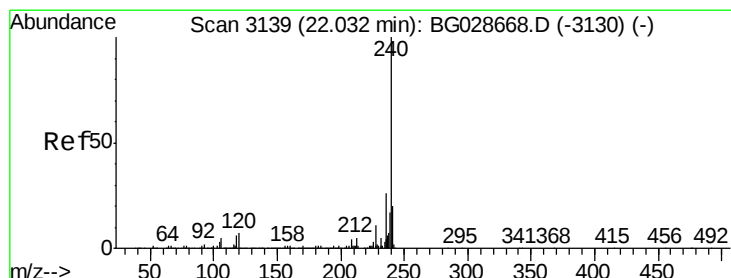
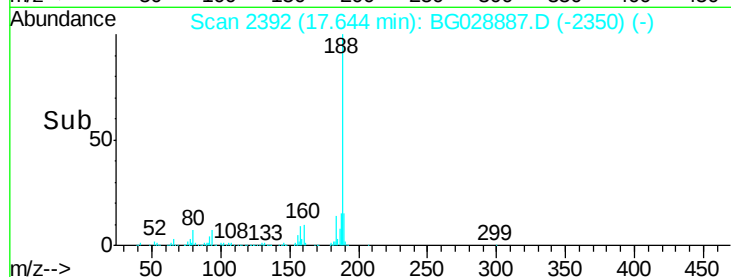
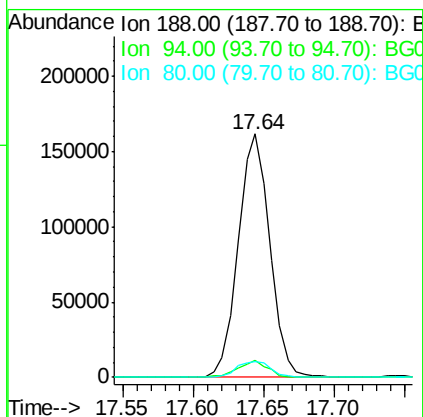
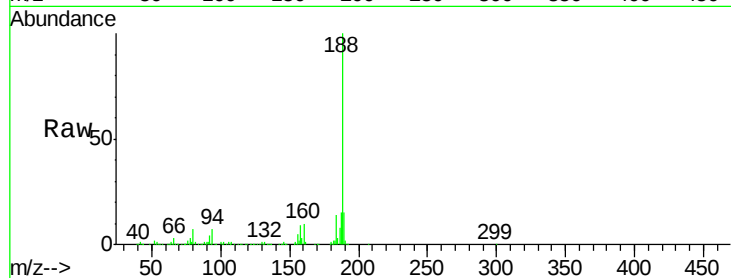




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

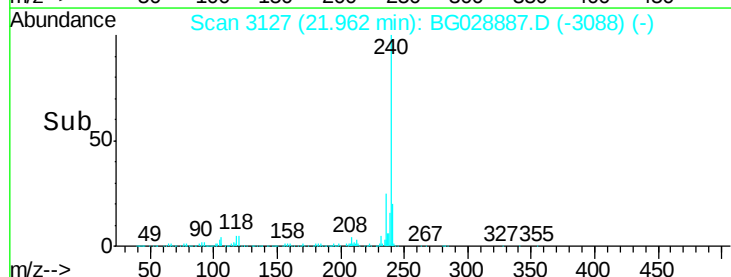
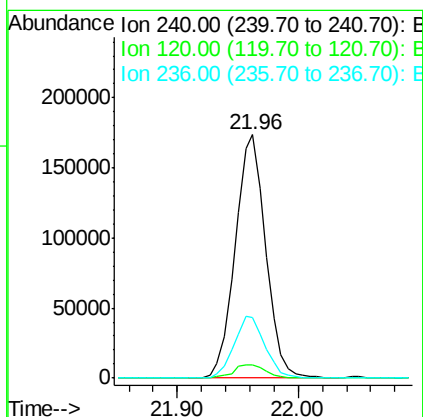
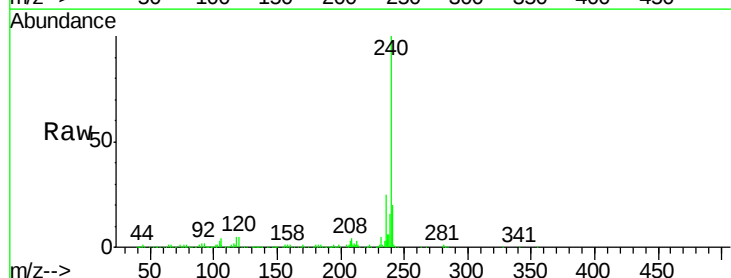
Instrument :
BNA_G
ClientSampleId :

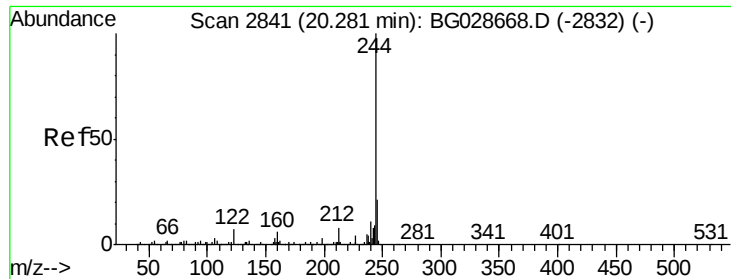
Tot Ion:188 Resp: 252827
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.8
80 6.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Tgt Ion:240 Resp: 305159
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 24.9 22.2 33.4





#78

Terphenyl-d14

Concen: 101.85 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028887.D

Acq: 22 Sep 2017 23:19

Instrument :

BNA_G

ClientSampled :

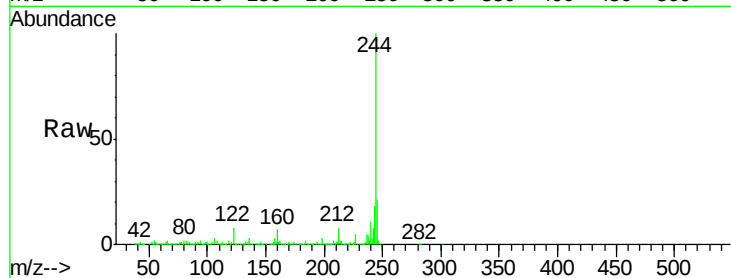
Tot Ion:244 Resp: 1457434

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

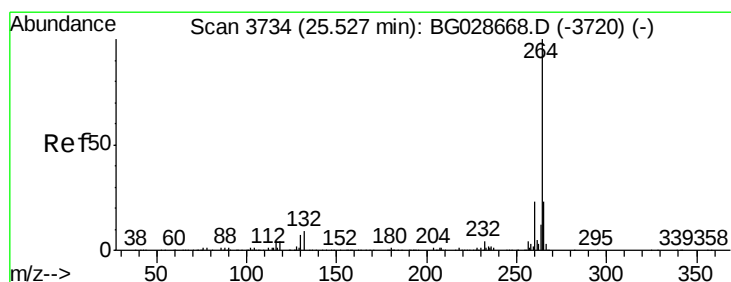
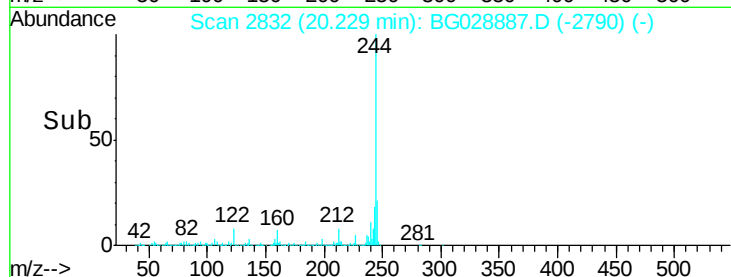
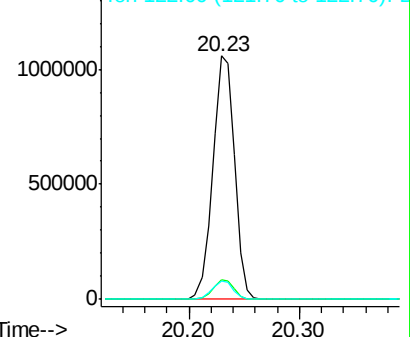
122 7.6 8.6 12.8#



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: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028887.D

Acq: 22 Sep 2017 23:19

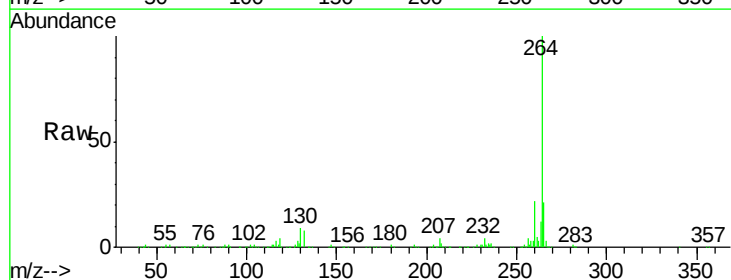
Tgt Ion:264 Resp: 314373

Ion Ratio Lower Upper

264 100

260 21.7 21.8 32.8#

265 21.3 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

