

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027806.D
 Acq On : 2 Jul 2017 5:59
 Operator : SJ/JU
 Sample : I4030-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 07:00:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

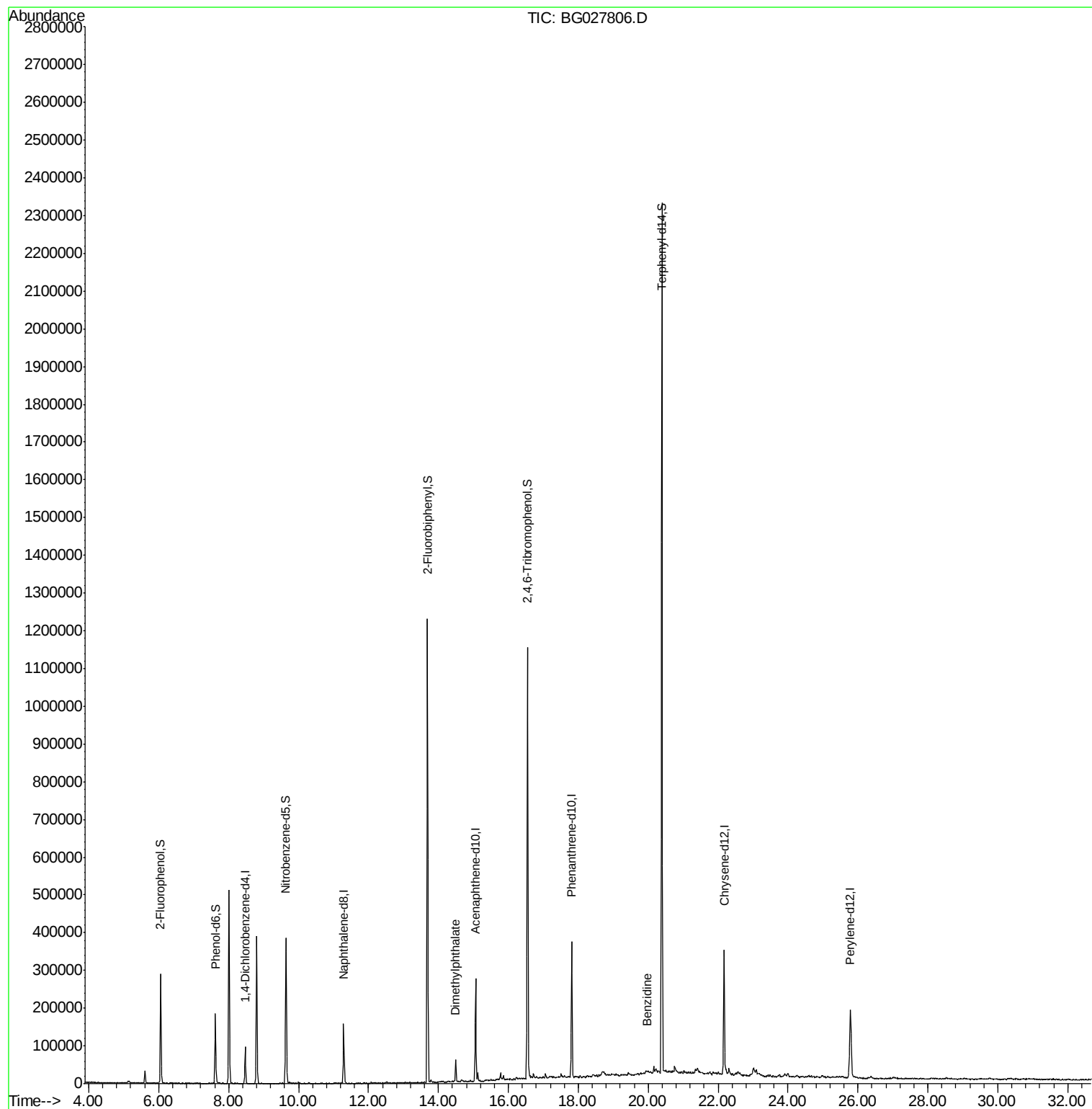
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	27559	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	142539	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	94058	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	221710	20.00	ng	0.00
75) Chrysene-d12	22.17	240	226806	20.00	ng	0.00
86) Perylene-d12	25.79	264	223360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	128206	71.64	ng	0.00
7) Phenol-d6	7.62	99	115003	42.06	ng	0.00
23) Nitrobenzene-d5	9.64	82	239883	93.81	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	237122	183.80	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	652439	99.07	ng	0.00
78) Terphenyl-d14	20.39	244	1046517	108.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.49	163	38351	4.78	ng	# 97
76) Benzidine	19.98	184	61	3.23	ng	# 1

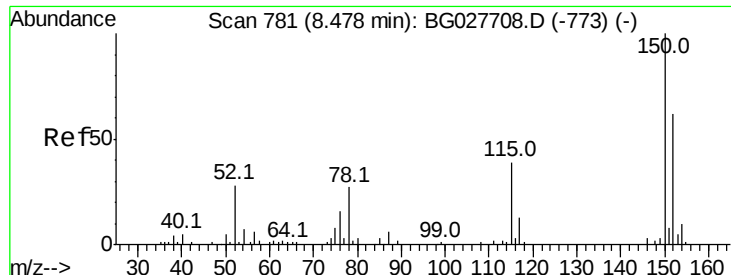
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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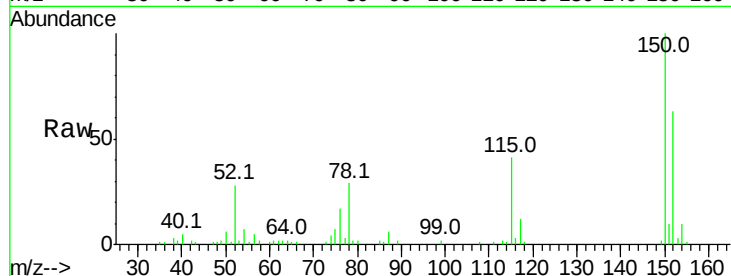


#1

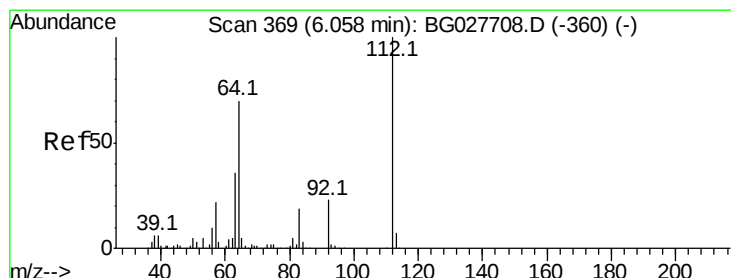
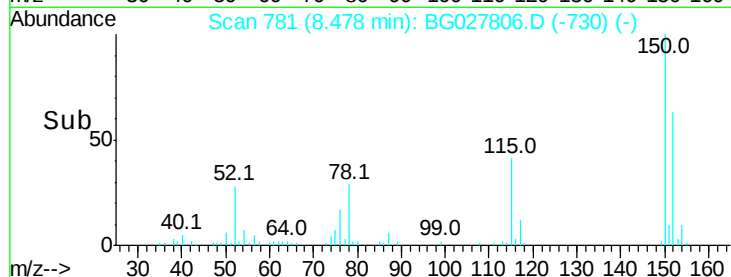
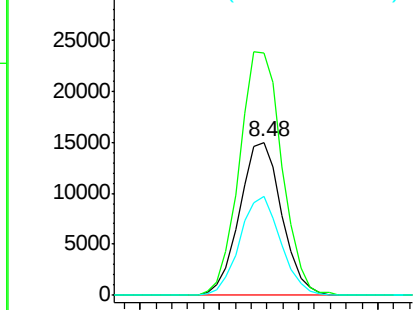
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027806.D
Acq: 2 Jul 2017 5:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	114.0	171.0
115	64.6	48.1	72.1



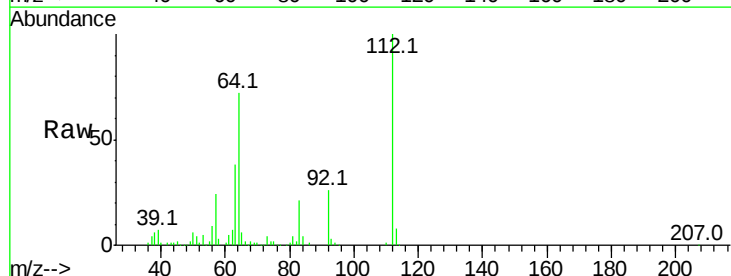
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



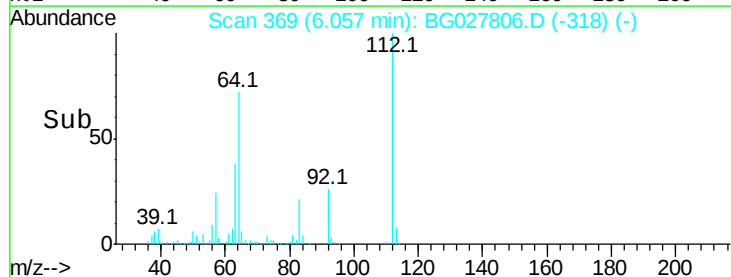
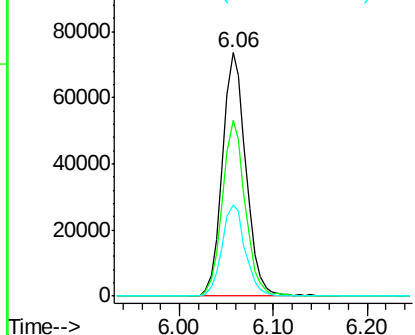
#5

2-Fluorophenol
Concen: 71.64 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027806.D
Acq: 2 Jul 2017 5:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	61.8	92.6
63	37.5	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 42.06 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027806.D

Acq: 2 Jul 2017 5:59

Instrument :

BNA_G

ClientSampleId :

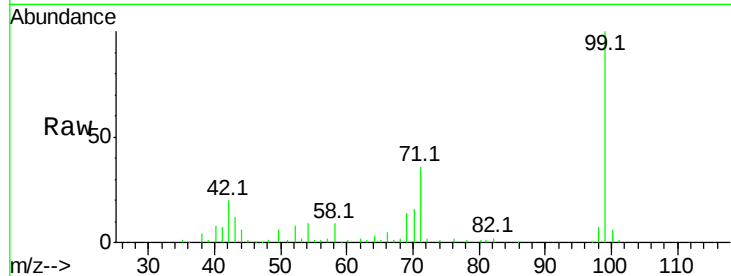
Tot Ion: 99 Resp: 115003

Ion Ratio Lower Upper

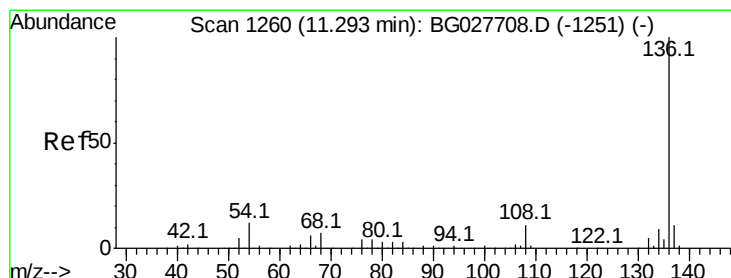
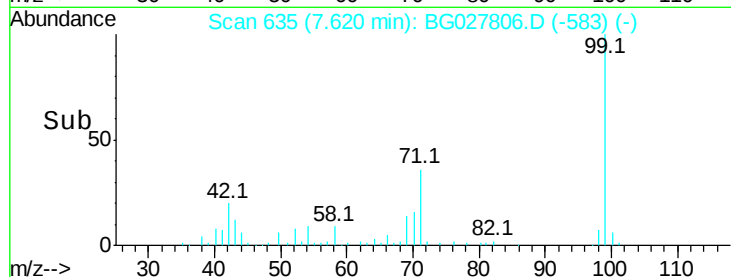
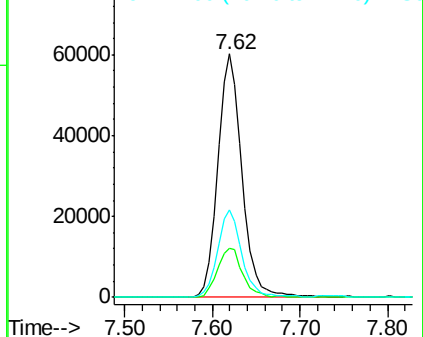
99 100

42 20.2 20.5 30.7#

71 35.9 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027806.D

Acq: 2 Jul 2017 5:59

Tgt Ion: 136 Resp: 142539

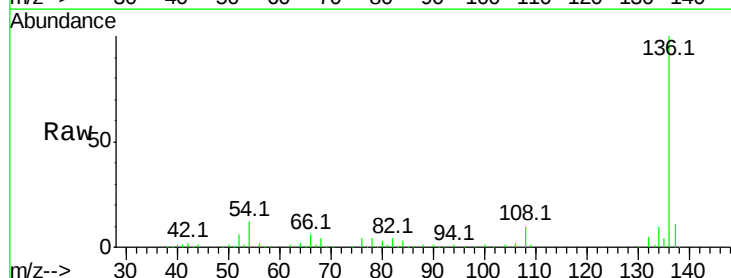
Ion Ratio Lower Upper

136 100

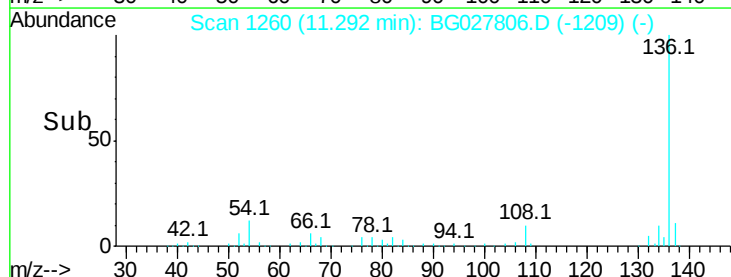
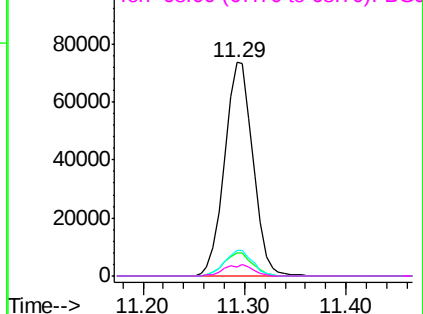
137 10.9 8.9 13.3

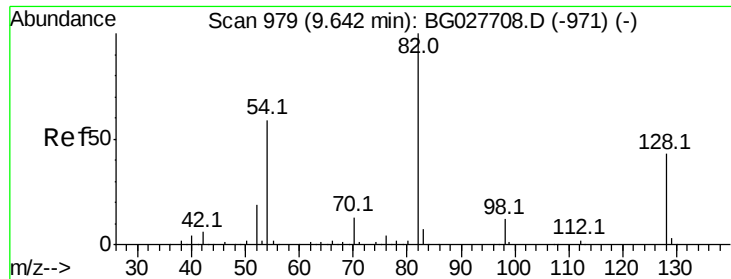
54 12.0 9.3 13.9

68 4.5 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

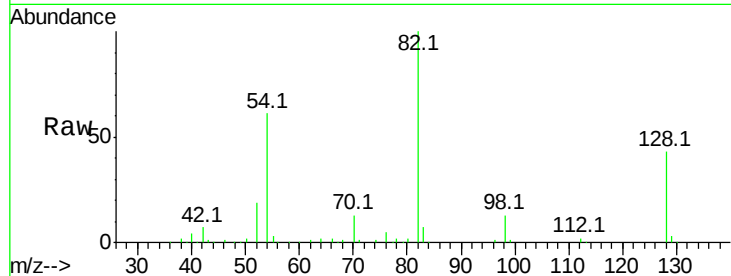




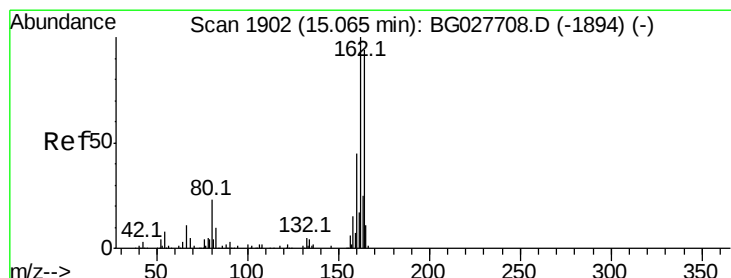
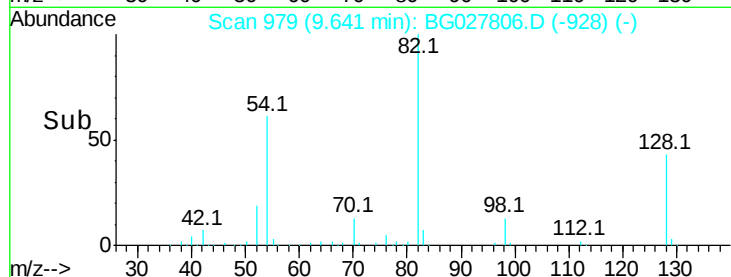
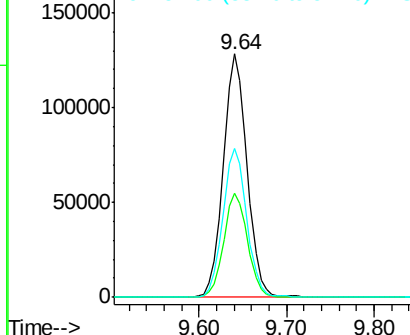
#23
Nitrobenzene-d5
Concen: 93.81 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027806.D
Acq: 2 Jul 2017 5:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 239883
Ion Ratio Lower Upper
82 100
128 42.7 26.4 39.6#
54 61.1 49.4 74.2

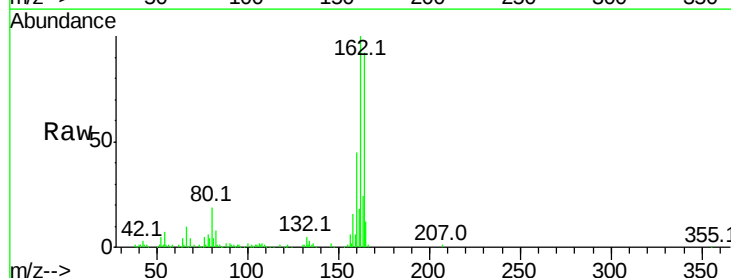


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

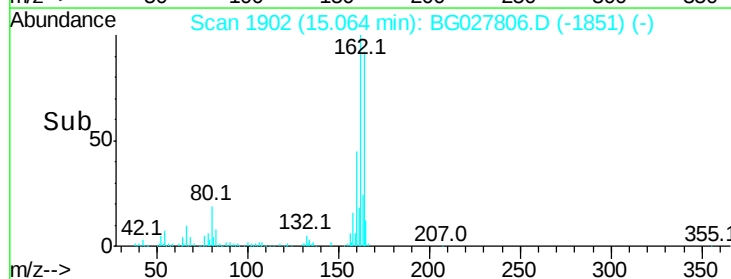
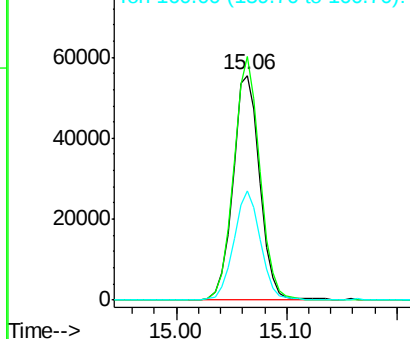


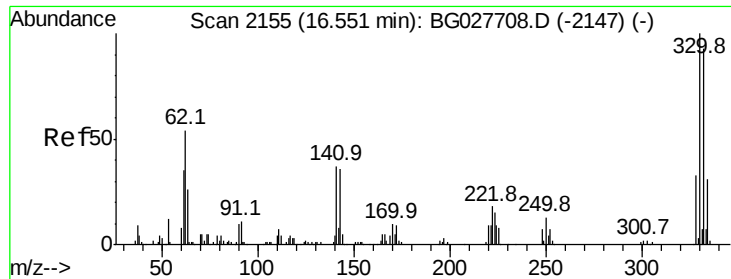
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027806.D
Acq: 2 Jul 2017 5:59

Tgt Ion:164 Resp: 94058
Ion Ratio Lower Upper
164 100
162 108.5 85.1 127.7
160 48.6 34.7 52.1



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

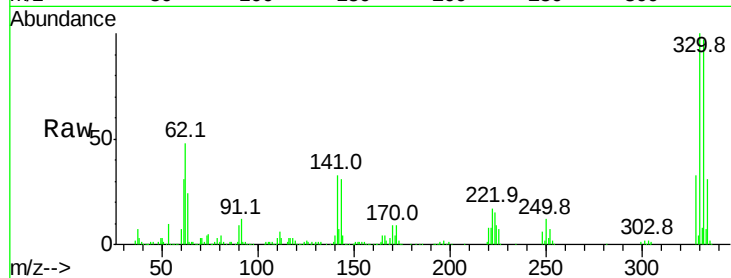




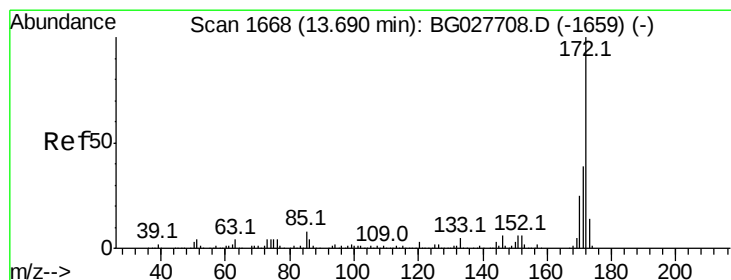
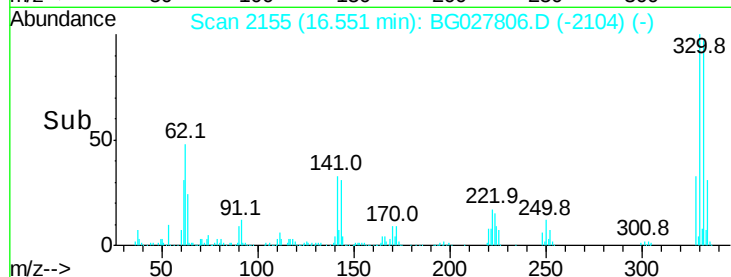
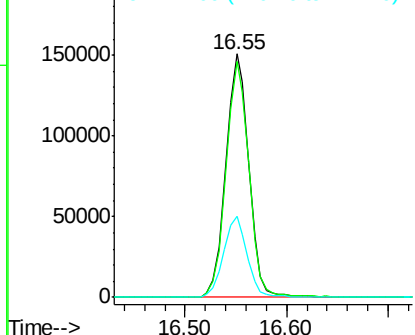
#41
 2,4,6-Tribromophenol
 Concen: 183.80 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027806.D
 Acq: 2 Jul 2017 5:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	34.0	32.1	48.1

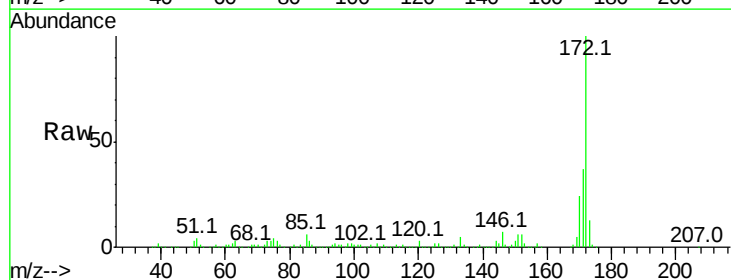


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

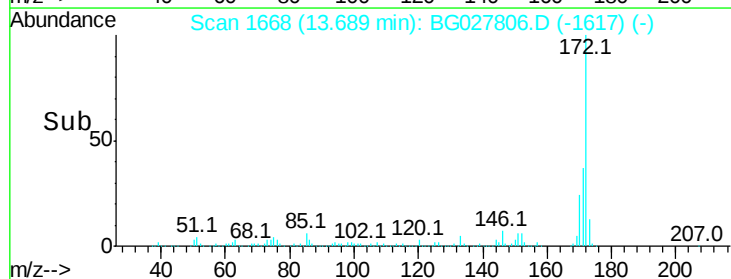
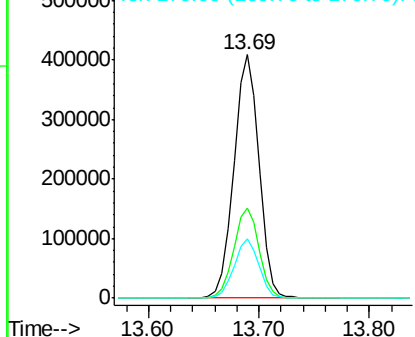


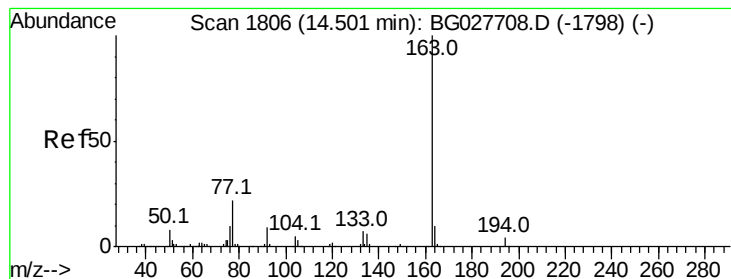
#44
 2-Fluorobiphenyl
 Concen: 99.07 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027806.D
 Acq: 2 Jul 2017 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	24.2	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: 4.78 ng

RT: 14.49 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027806.D

Acq: 2 Jul 2017 5:59

Instrument :

BNA_G

ClientSampleId :

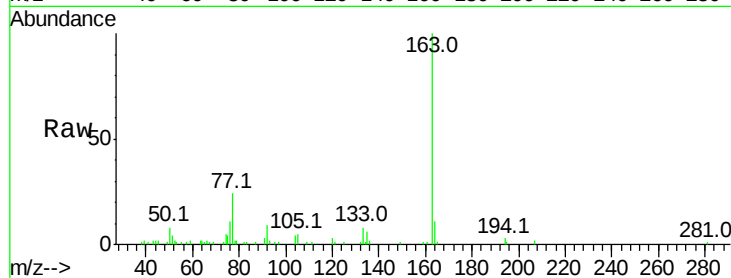
Tot Ion:163 Resp: 38351

Ion Ratio Lower Upper

163 100

194 3.5 3.8 5.6#

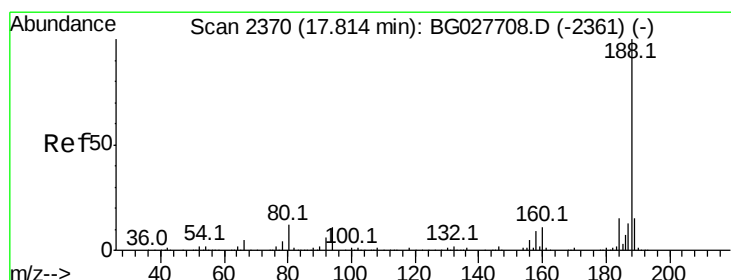
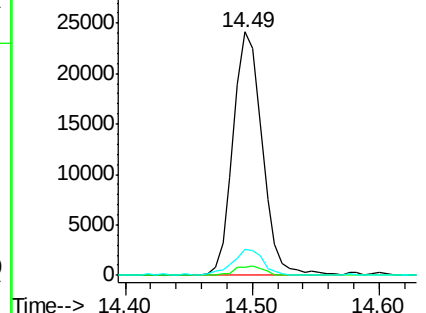
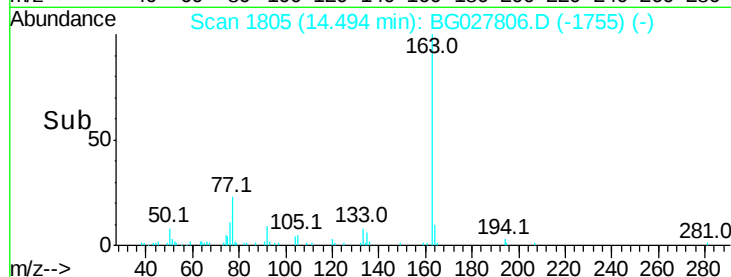
164 10.6 9.3 13.9



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027806.D

Acq: 2 Jul 2017 5:59

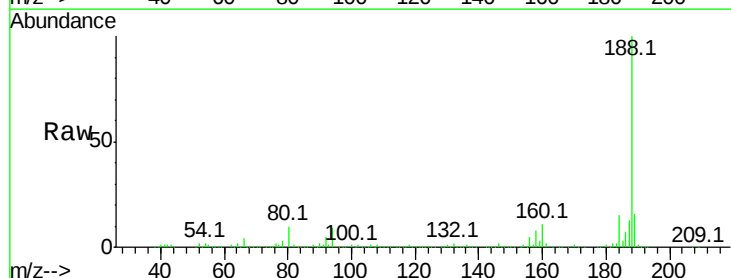
Tgt Ion:188 Resp: 221710

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

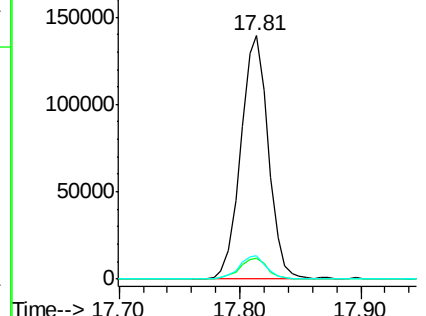
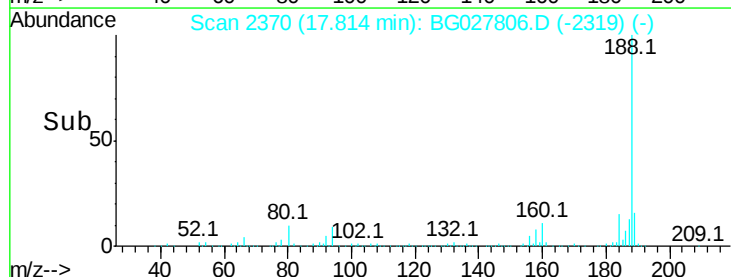
80 9.5 7.5 11.3

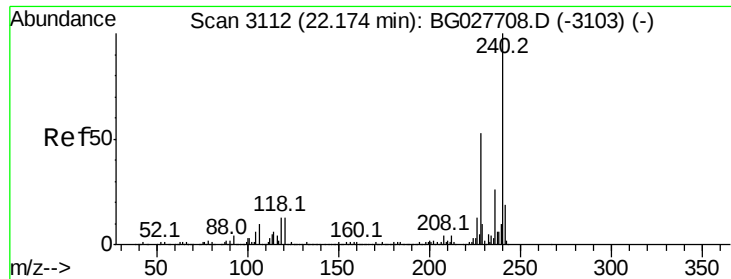


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.17 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG027806.D

Acq: 2 Jul 2017 5:59

Instrument :

BNA_G

ClientSampleId :

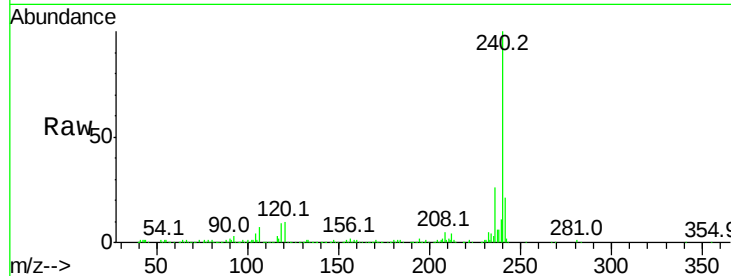
Tot Ion:240 Resp: 226806

Ion Ratio Lower Upper

240 100

120 9.5 5.7 8.5#

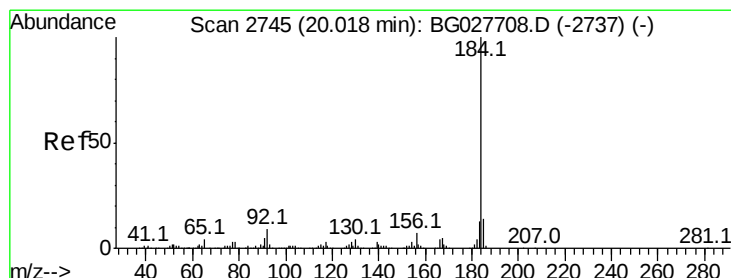
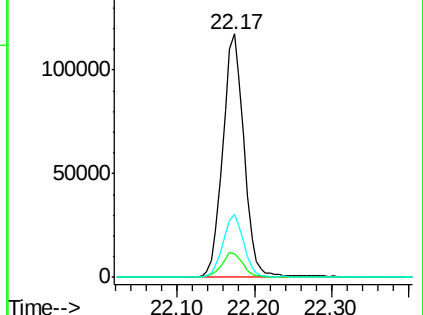
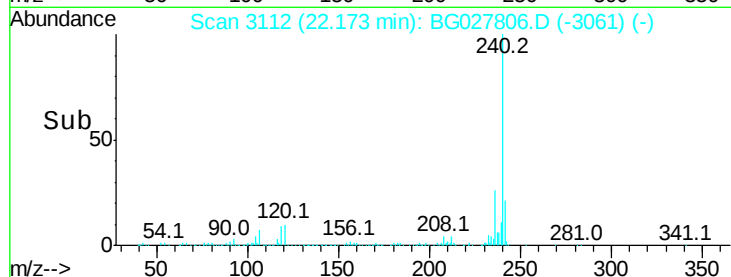
236 25.9 22.2 33.4



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



#76

Benzidine

Concen: 3.23 ng

RT: 19.98 min Scan# 2738

Delta R.T. -0.04 min

Lab File: BG027806.D

Acq: 2 Jul 2017 5:59

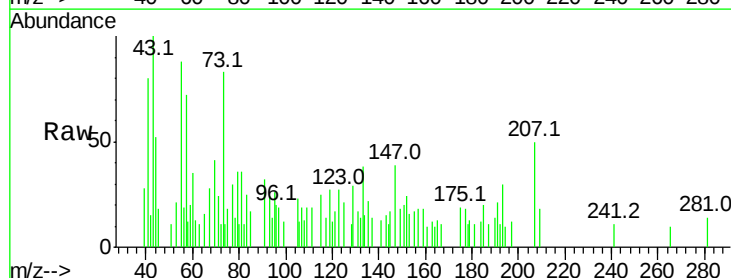
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

185 166.1 13.0 19.6#

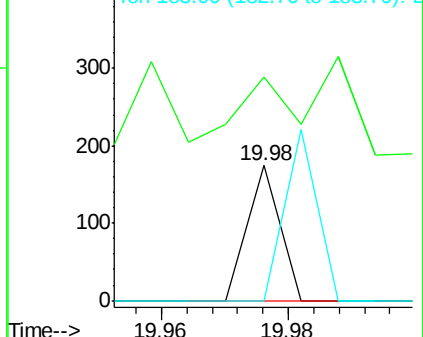
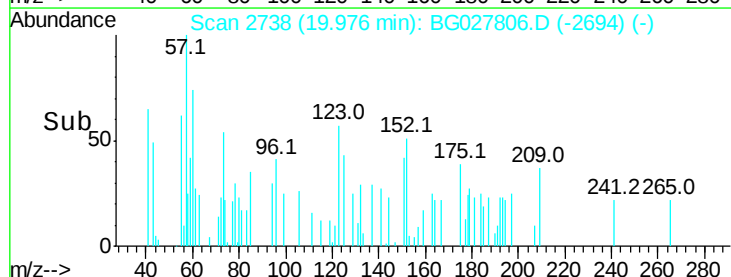
183 0.0 11.0 16.6#

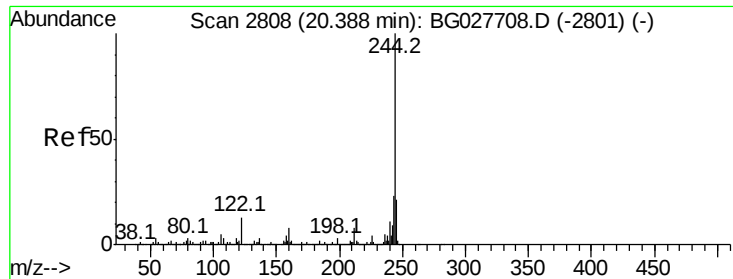


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 108.17 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG027806.D

Acq: 2 Jul 2017 5:59

Instrument :

BNA_G

ClientSampleId :

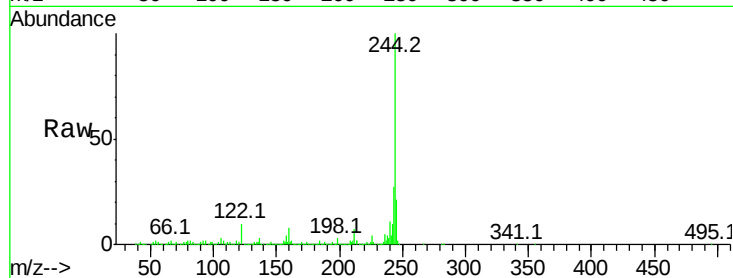
Tot Ion:244 Resp: 1046517

Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.0	15.0#
122	10.0	8.6	12.8

244 100

212 7.4 10.0 15.0#

122 10.0 8.6 12.8

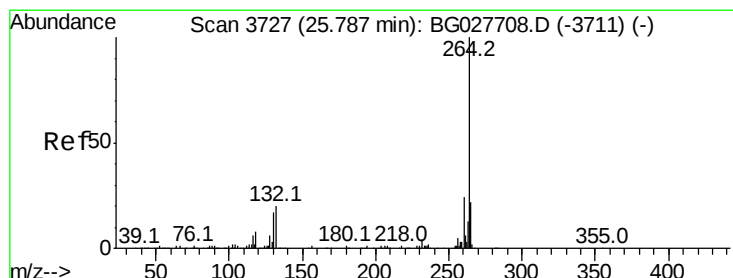
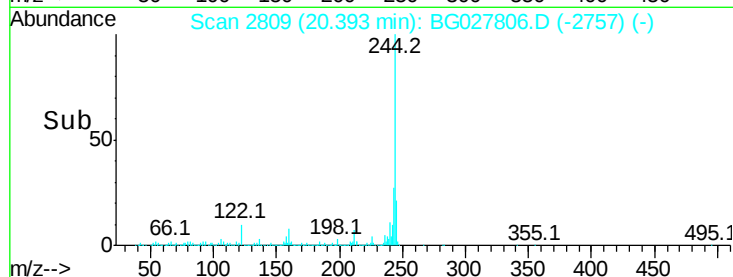
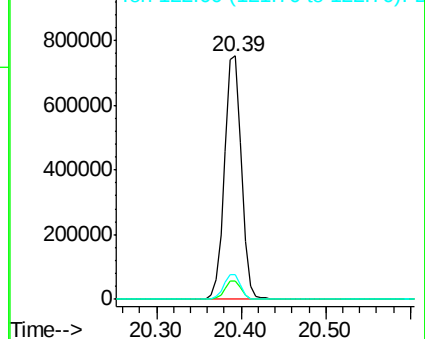


Abundance

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: 25.79 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BG027806.D

Acq: 2 Jul 2017 5:59

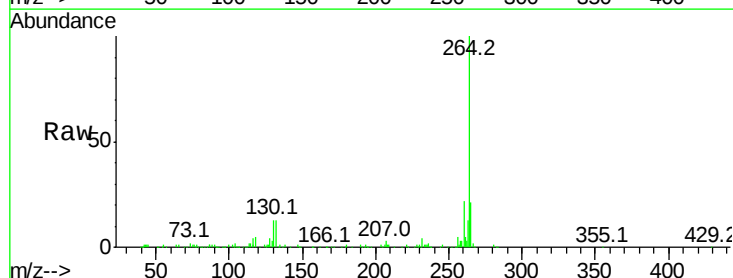
Tgt Ion:264 Resp: 223360

Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	21.0	18.2	27.4

264 100

260 21.9 21.8 32.8

265 21.0 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

