

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018044.D
 Acq On : 22 Jul 2015 5:32
 Operator : TP/UM
 Sample : G2973-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8D78

Quant Time: Jul 22 06:43:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 04:14:54 2015
 Response via : Initial Calibration

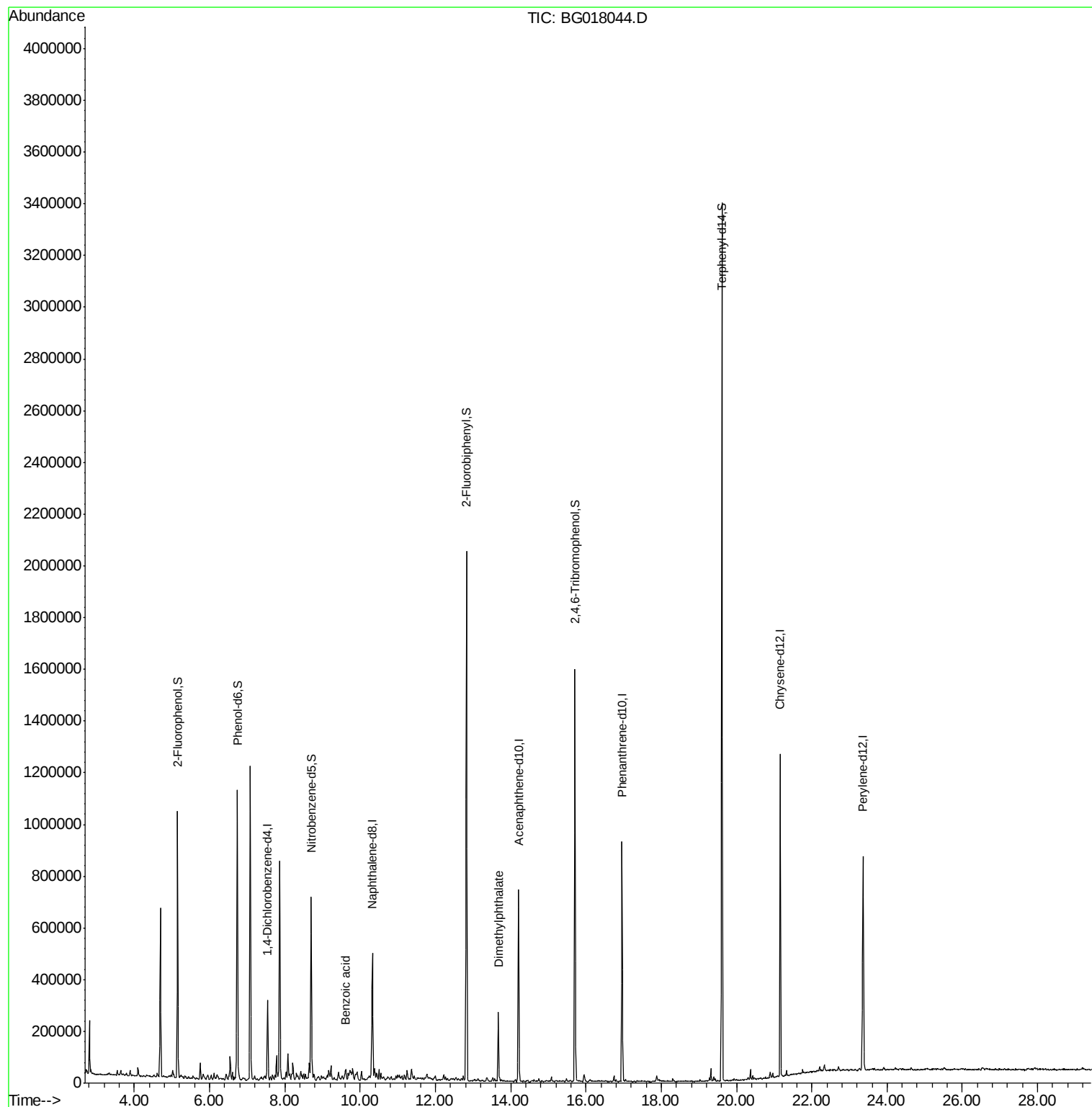
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	80637	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	389134	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	257082	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	521459	20.00	ng	0.00
75) Chrysene-d12	21.16	240	574040	20.00	ng	0.00
86) Perylene-d12	23.37	264	569409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	456014	98.65	ng	0.00
7) Phenol-d6	6.74	99	665488	109.89	ng	0.00
23) Nitrobenzene-d5	8.70	82	401722	66.86	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	294899	113.22	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	1029306	69.38	ng	0.00
78) Terphenyl-d14	19.61	244	1428572	62.69	ng	0.00
Target Compounds						
32) Benzoic acid	9.61	122	7784	3.67	ng	89
49) Dimethylphthalate	13.67	163	167764	9.39	ng	99

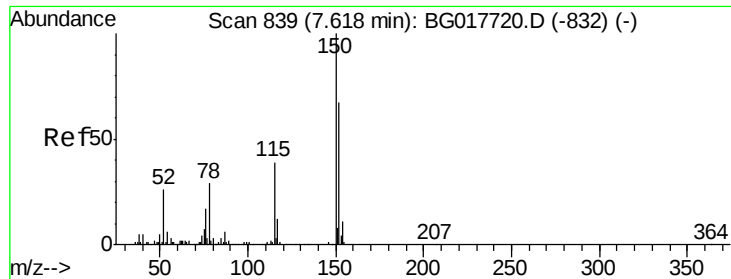
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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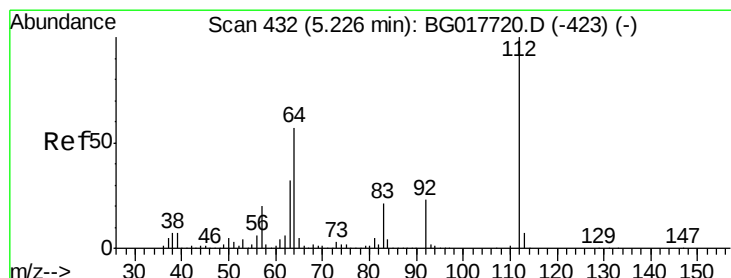
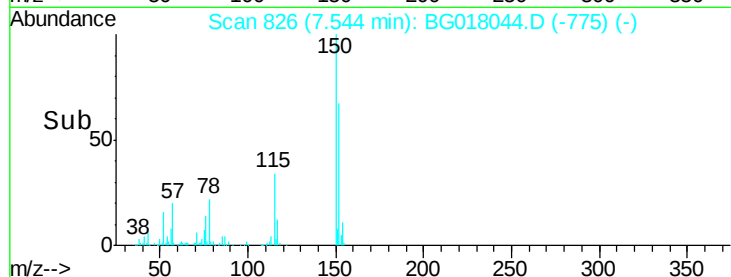
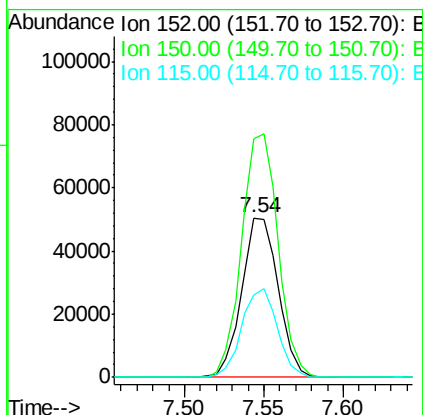
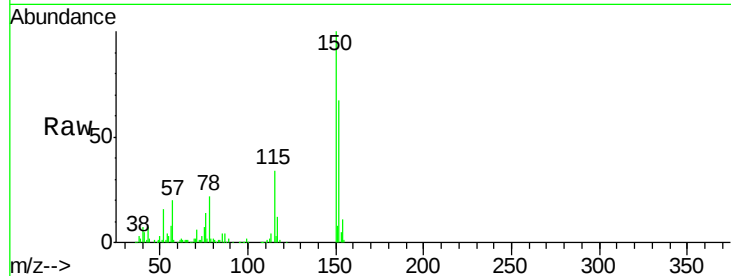


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG018044.D
Acq: 22 Jul 2015 5:32

Instrument :
BNA_G
ClientSampled :
TP-8D78

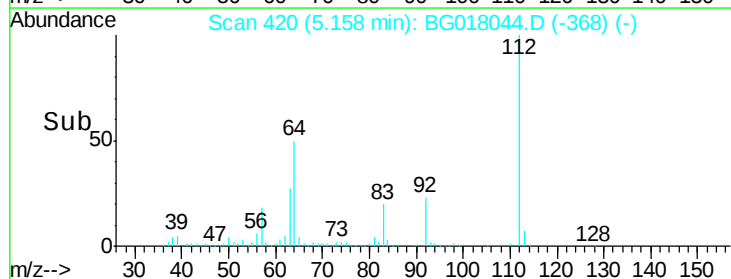
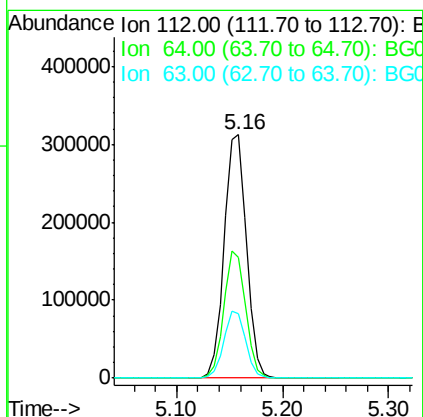
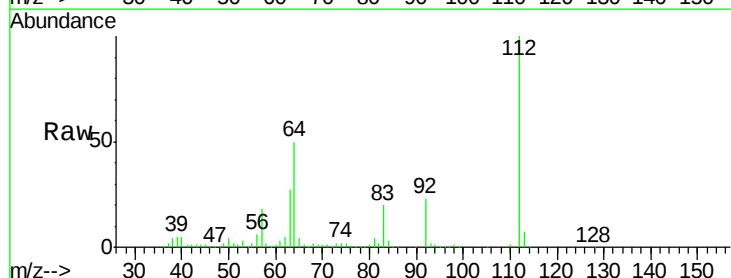
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.1	178.7
115	51.3	47.0	70.4



#5

2-Fluorophenol
Concen: 98.65 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG018044.D
Acq: 22 Jul 2015 5:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	45.4	68.0
63	26.6	25.3	37.9





#7

Phenol-d6

Concen: 109.89 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG018044.D

Acq: 22 Jul 2015 5:32

Instrument :

BNA_G

ClientSampleId :

TP-8D78

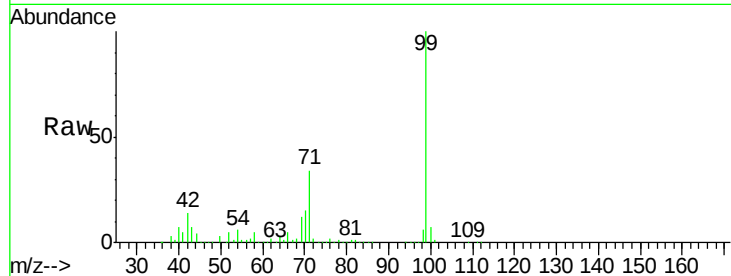
Tgt Ion: 99 Resp: 665488

Ion Ratio Lower Upper

99 100

42 14.3 16.2 24.4#

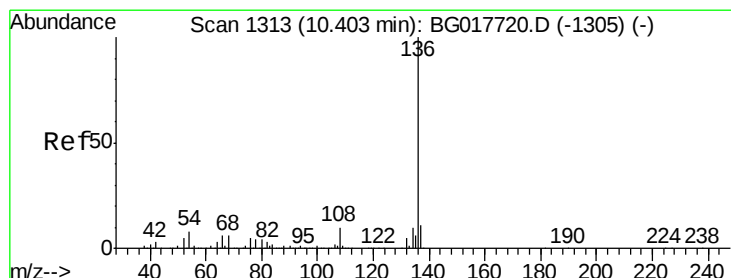
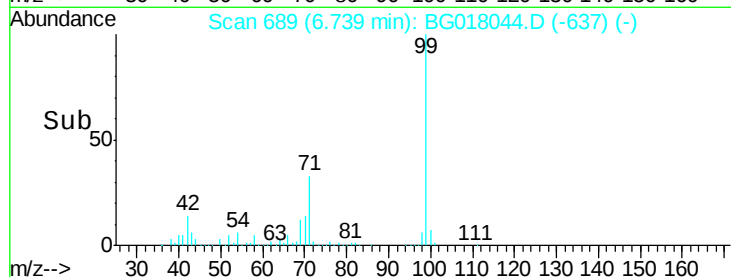
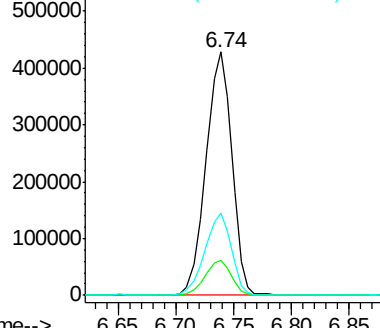
71 33.8 29.5 44.3



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: 10.33 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG018044.D

Acq: 22 Jul 2015 5:32

Tgt Ion: 136 Resp: 389134

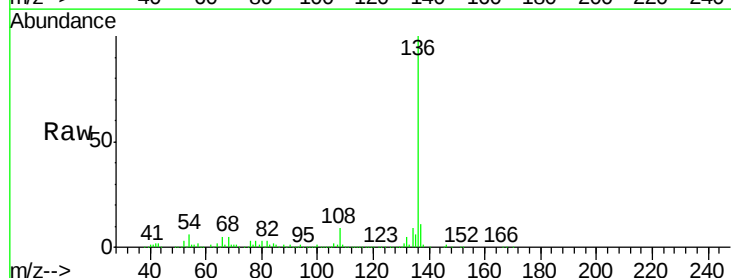
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.9 6.6 9.8#

68 5.3 5.1 7.7

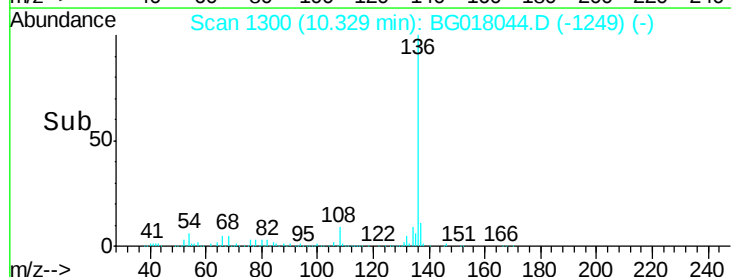
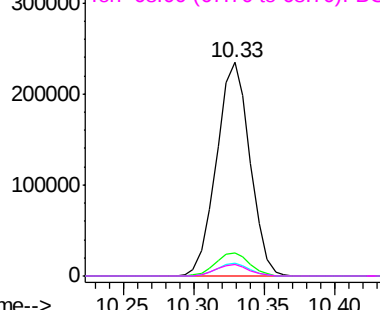


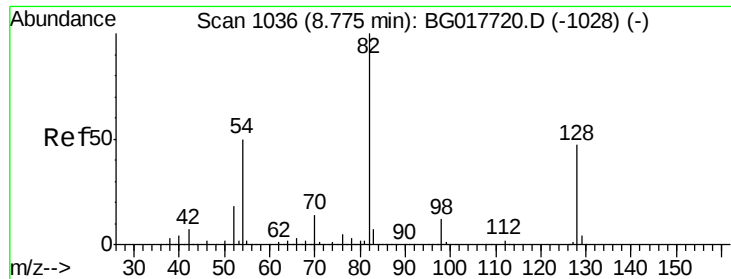
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

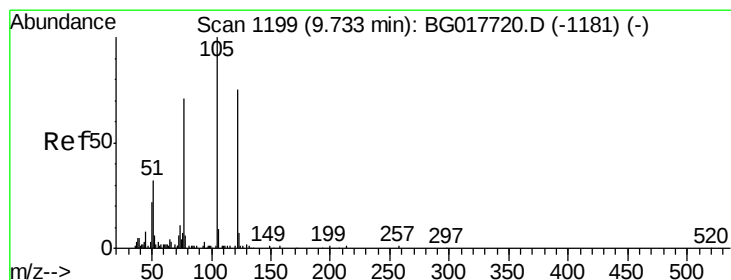
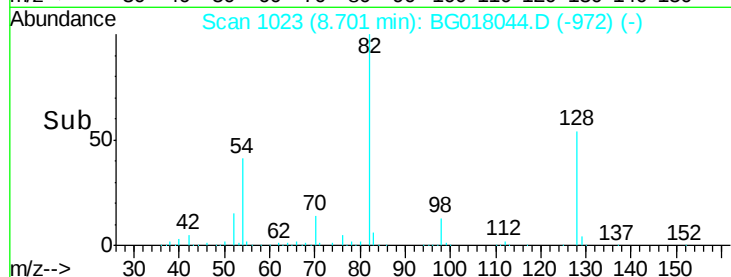
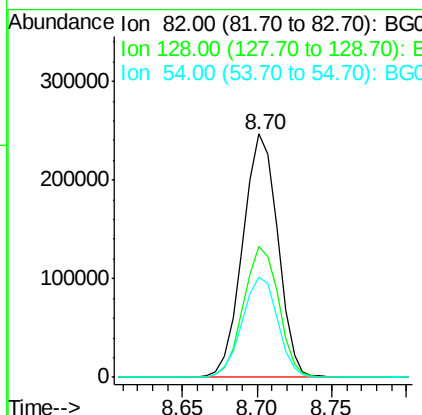
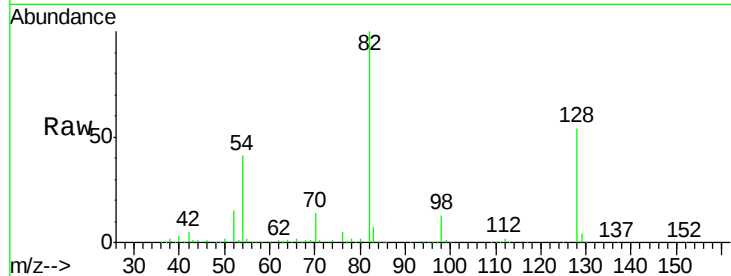




#23
 Nitrobenzene-d5
 Concen: 66.86 ng
 RT: 8.70 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG018044.D
 Acq: 22 Jul 2015 5:32

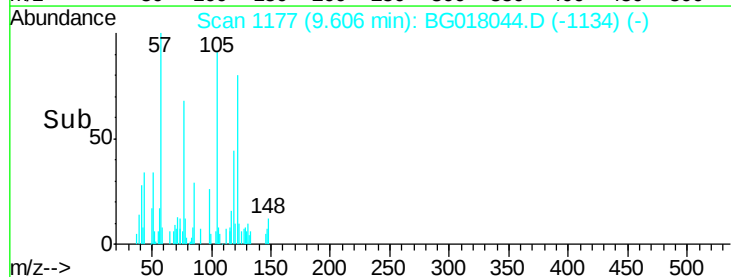
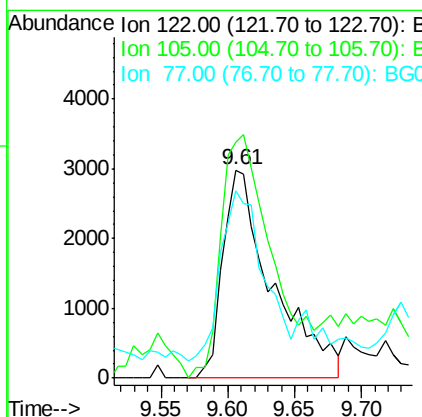
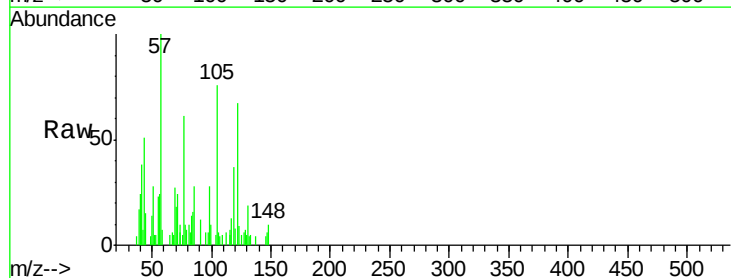
Instrument :
 BNA_G
 ClientSampled :
 TP-8D78

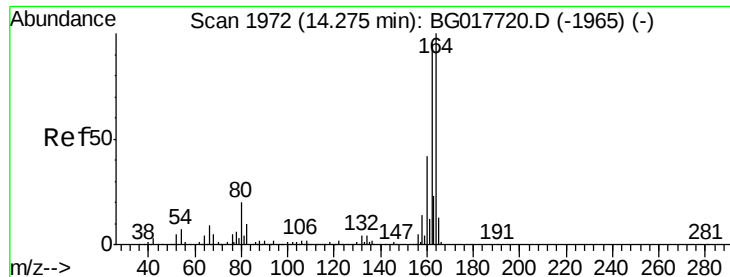
Tgt Ion: 82 Resp: 401722
 Ion Ratio Lower Upper
 82 100
 128 53.9 37.8 56.6
 54 41.3 39.9 59.9



#32
 Benzoic acid
 Concen: 3.67 ng
 RT: 9.61 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BG018044.D
 Acq: 22 Jul 2015 5:32

Tgt Ion: 122 Resp: 7784
 Ion Ratio Lower Upper
 122 100
 105 113.8 111.3 151.3
 77 90.3 75.2 115.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG018044.D

Acq: 22 Jul 2015 5:32

Instrument :

BNA_G

ClientSampleId :

TP-8D78

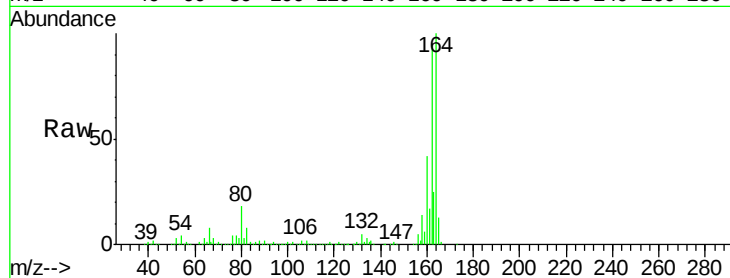
Tgt Ion:164 Resp: 257082

Ion Ratio Lower Upper

164 100

162 94.8 76.3 114.5

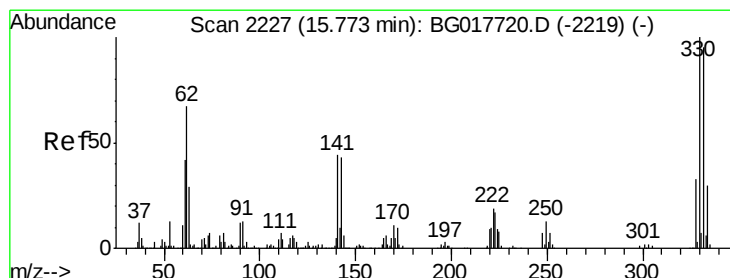
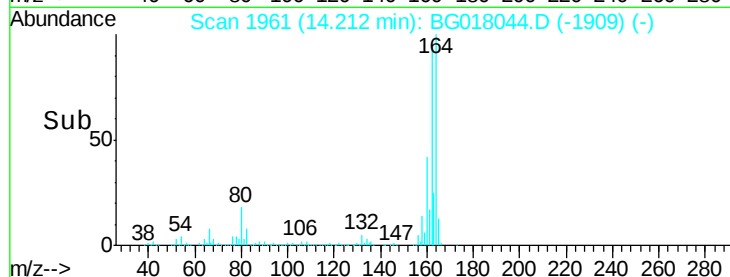
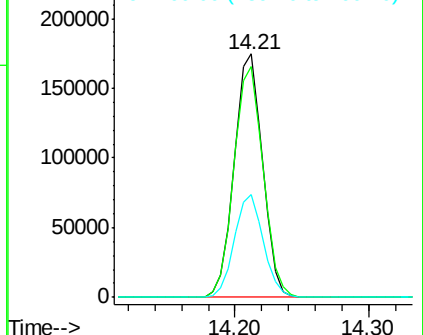
160 42.1 33.7 50.5



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: 113.22 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG018044.D

Acq: 22 Jul 2015 5:32

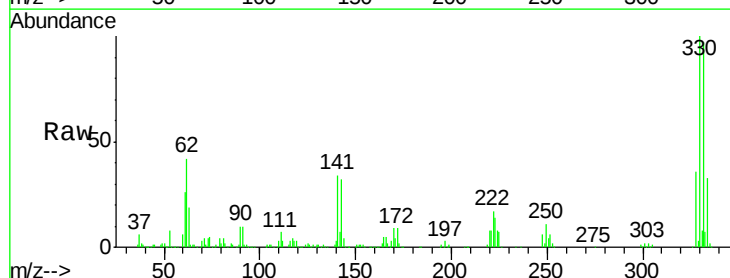
Tgt Ion:330 Resp: 294899

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

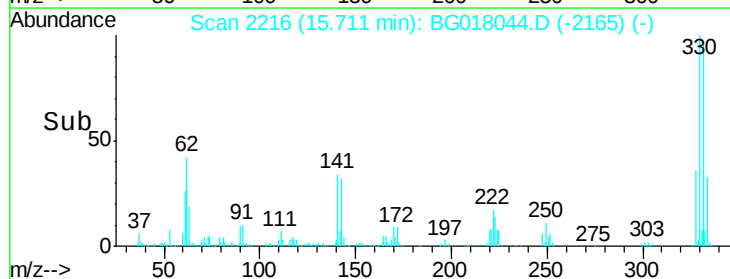
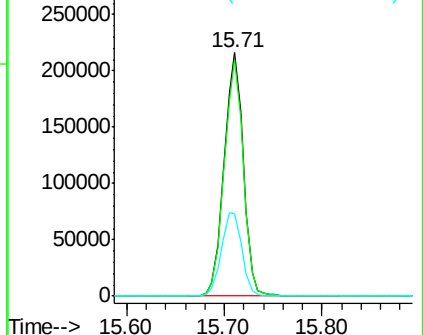
141 36.7 38.0 57.0#

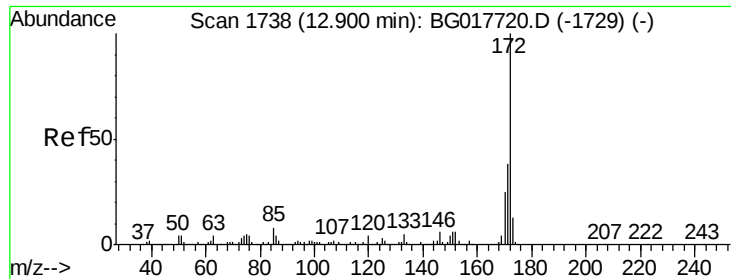


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

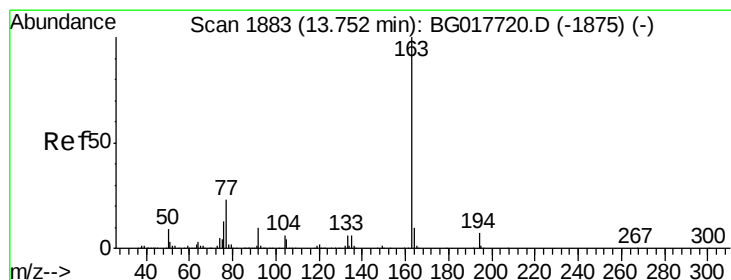
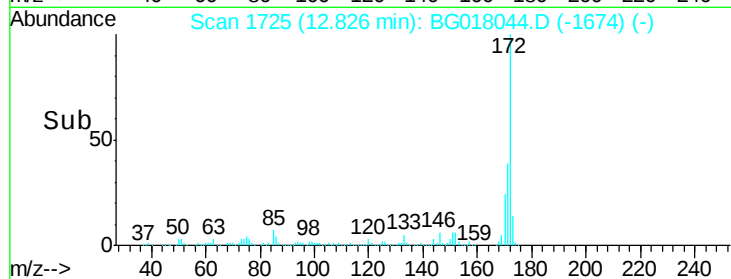
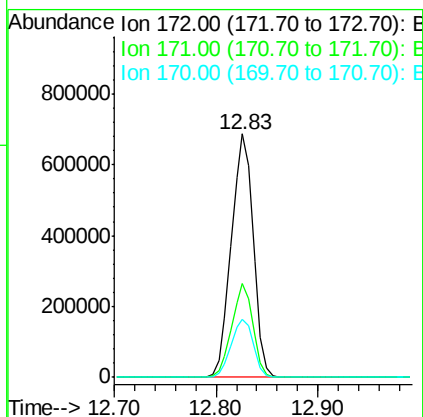
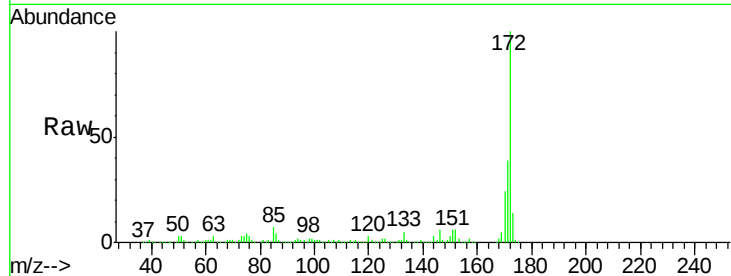




#44
 2-Fluorobiphenyl
 Concen: 69.38 ng
 RT: 12.83 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG018044.D
 Acq: 22 Jul 2015 5:32

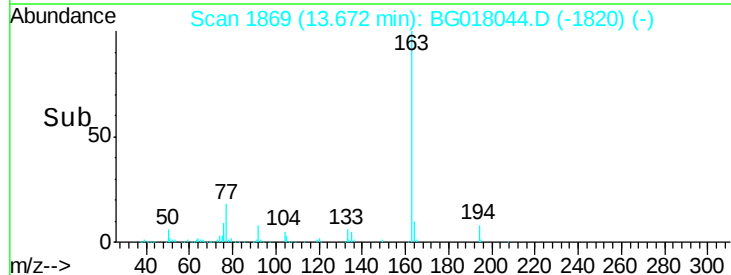
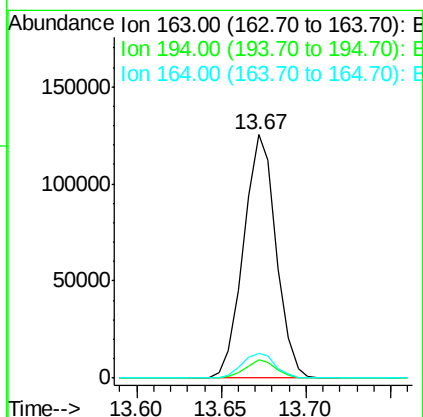
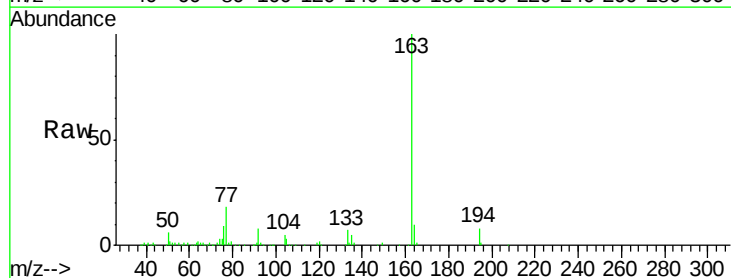
Instrument :
 BNA_G
 ClientSampleId :
 TP-8D78

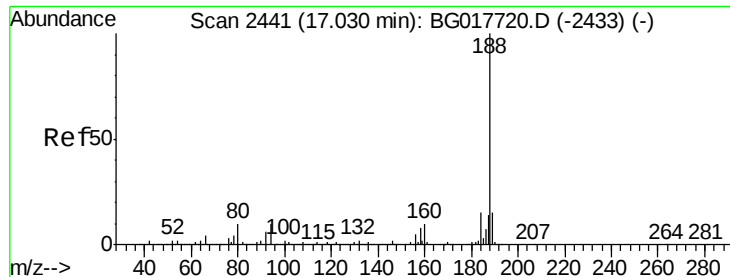
Tgt Ion:172 Resp: 1029306
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.7 46.1
 170 24.0 19.7 29.5



#49
 Dimethylphthalate
 Concen: 9.39 ng
 RT: 13.67 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BG018044.D
 Acq: 22 Jul 2015 5:32

Tgt Ion:163 Resp: 167764
 Ion Ratio Lower Upper
 163 100
 194 7.5 5.8 8.6
 164 10.0 8.3 12.5

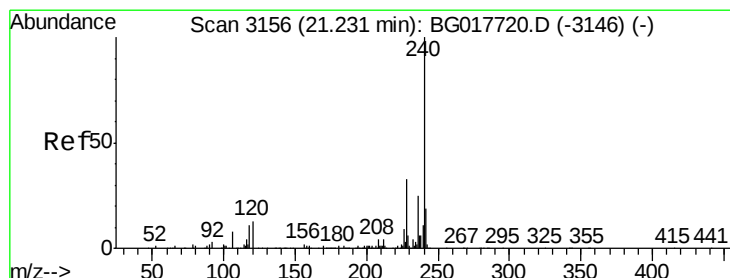
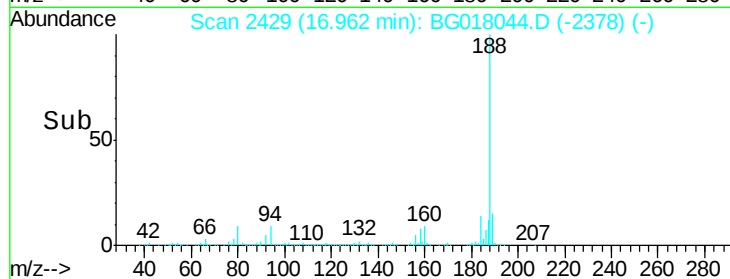
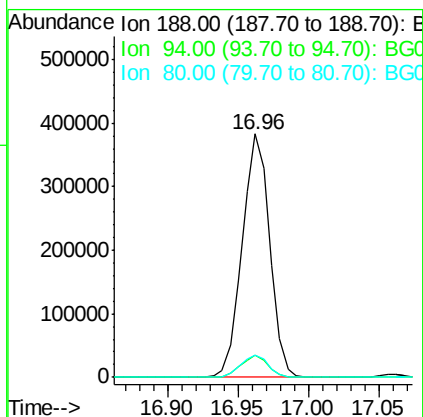
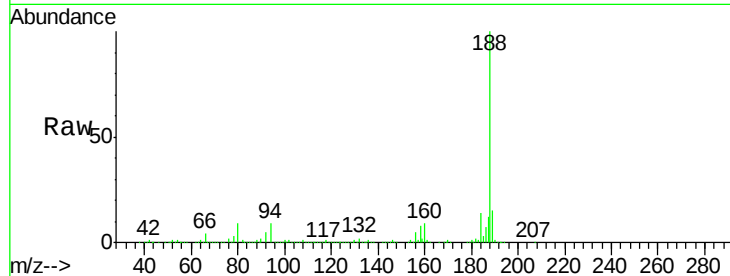




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG018044.D
Acq: 22 Jul 2015 5:32

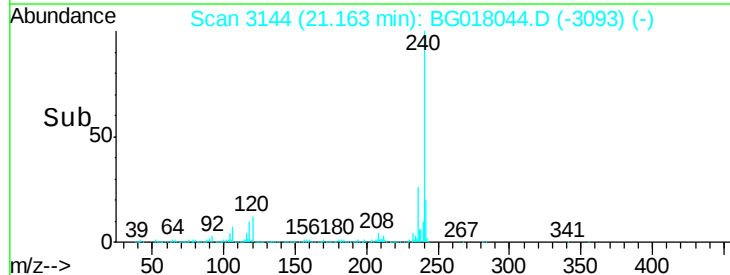
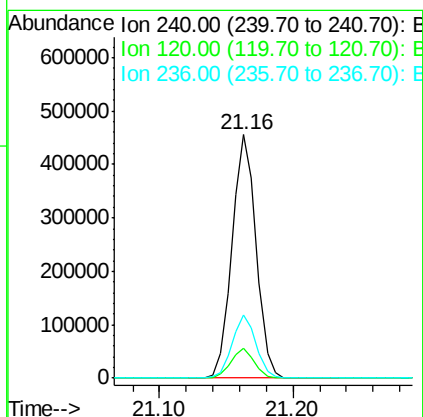
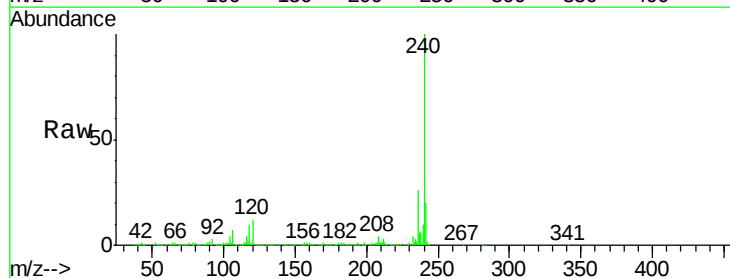
Instrument :
BNA_G
ClientSampleId :
TP-8D78

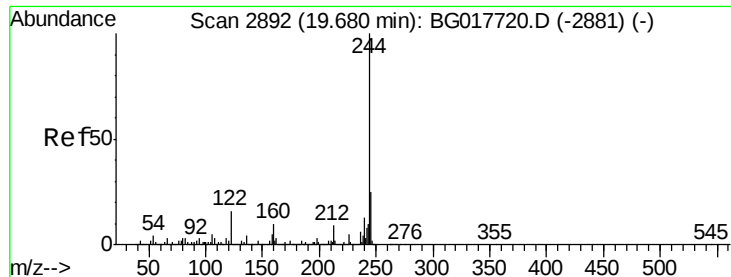
Tgt Ion:188 Resp: 521459
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 8.9 8.2 12.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG018044.D
Acq: 22 Jul 2015 5:32

Tgt Ion:240 Resp: 574040
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: 62.69 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG018044.D

Acq: 22 Jul 2015 5:32

Instrument :

BNA_G

ClientSampled :

TP-8D78

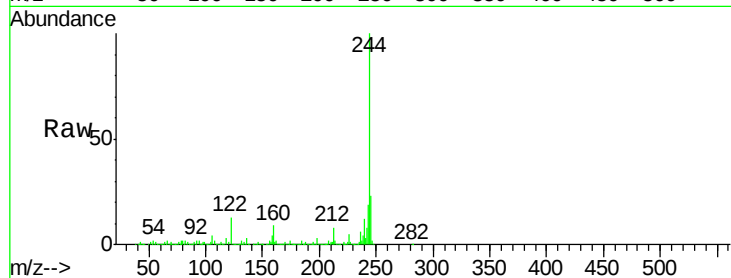
Tgt Ion:244 Resp: 1428572

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

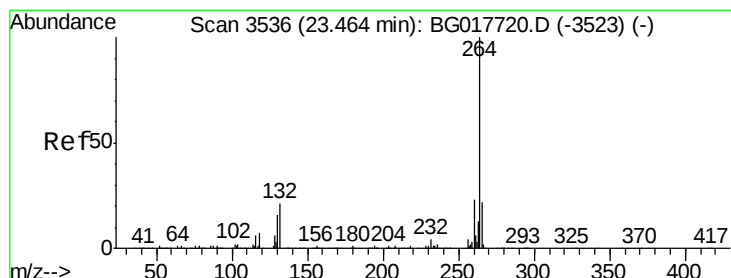
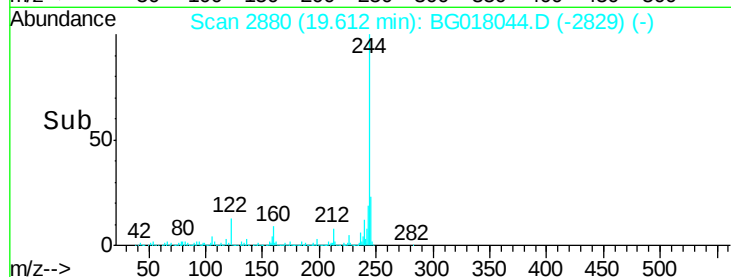
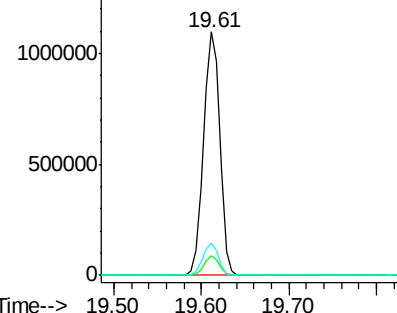
122 13.3 12.8 19.2



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: 23.37 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG018044.D

Acq: 22 Jul 2015 5:32

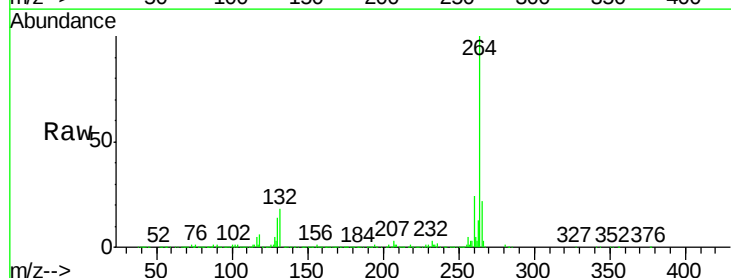
Tgt Ion:264 Resp: 569409

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.6 18.2 27.2



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

