

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090468.D
 Acq On : 8 Oct 2016 5:32
 Operator : UM/SJ
 Sample : H5120-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

Quant Time: Oct 08 05:59:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

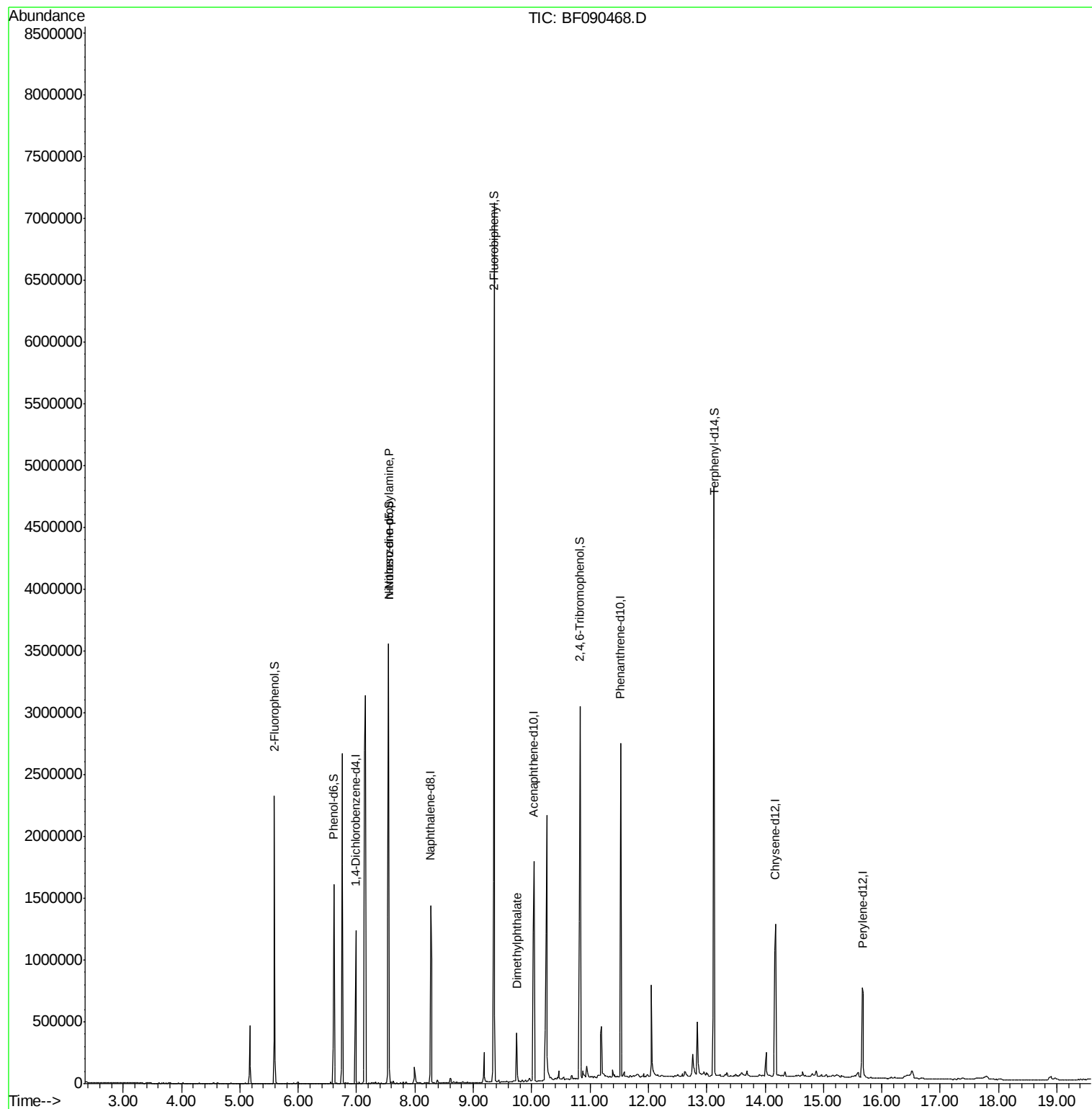
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	204937	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	835627	20.00	ng	-0.02
38) Acenaphthene-d10	10.04	164	474669	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	833780	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	542517	20.00	ng	-0.02
86) Perylene-d12	15.68	264	380435	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	548418	39.94	ng	-0.01
7) Phenol-d6	6.61	99	504131	28.03	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1269895	73.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	369047	95.62	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2063095	72.42	ng	-0.02
78) Terphenyl-d14	13.13	244	2218890	91.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	178803	13.56	ng	Qvalue # 63
49) Dimethylphthalate	9.74	163	132409	4.36	ng	97

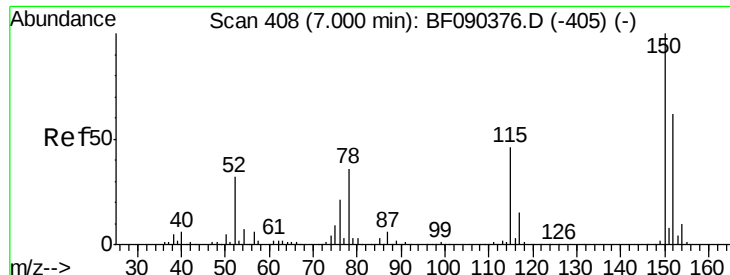
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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QLast Update : Wed Oct 05 14:57:00 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090468.D

Acq: 8 Oct 2016 5:32

Instrument :

BNA_F

ClientSampleId :

RAV-GT-105

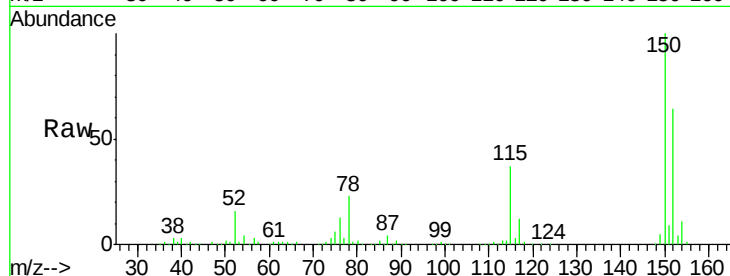
Tgt Ion:152 Resp: 204937

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

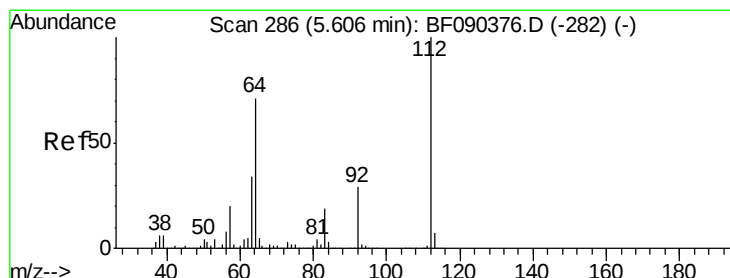
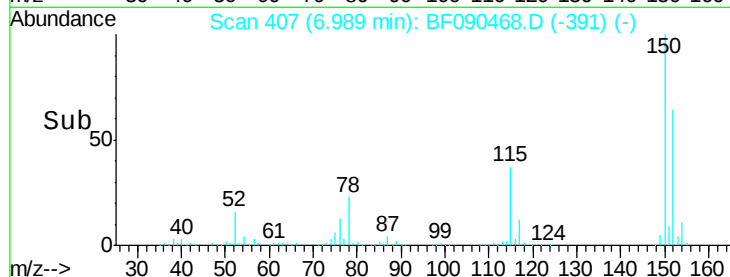
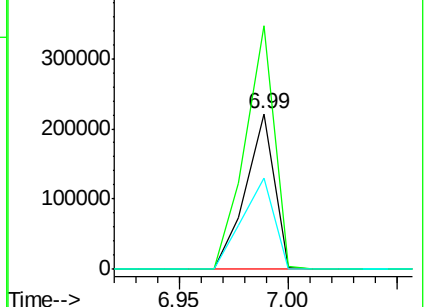
115 58.4 46.2 69.4



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: 39.94 ng

RT: 5.59 min Scan# 285

Delta R.T. -0.01 min

Lab File: BF090468.D

Acq: 8 Oct 2016 5:32

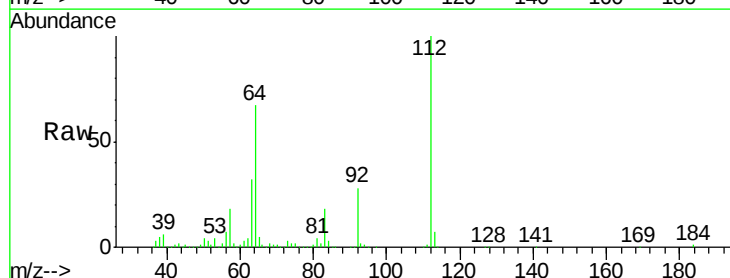
Tgt Ion:112 Resp: 548418

Ion Ratio Lower Upper

112 100

64 66.9 57.9 86.9

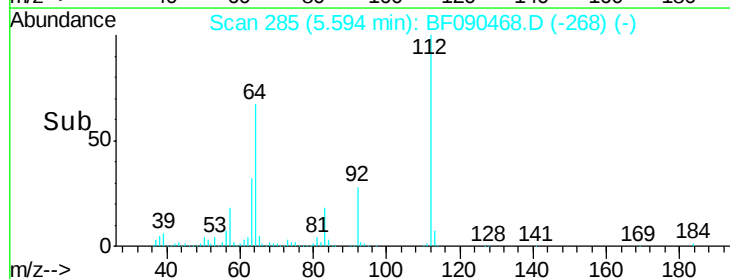
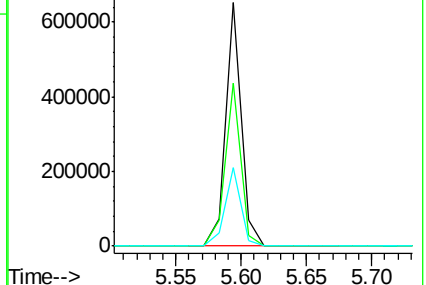
63 32.2 29.6 44.4

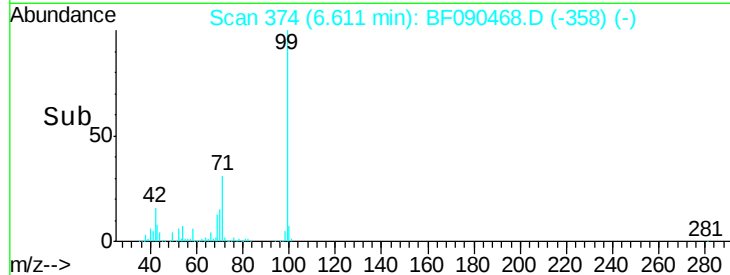
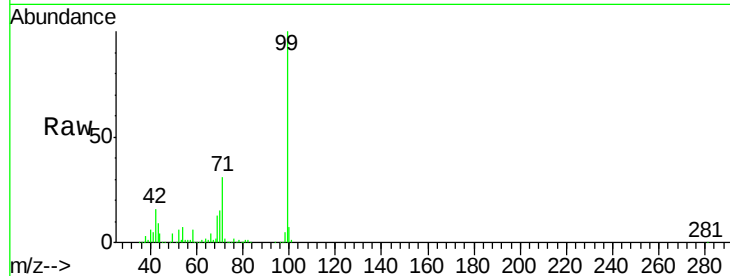


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.03 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090468.D

Acq: 8 Oct 2016 5:32

Instrument :

BNA_F

ClientSampleId :

RAV-GT-105

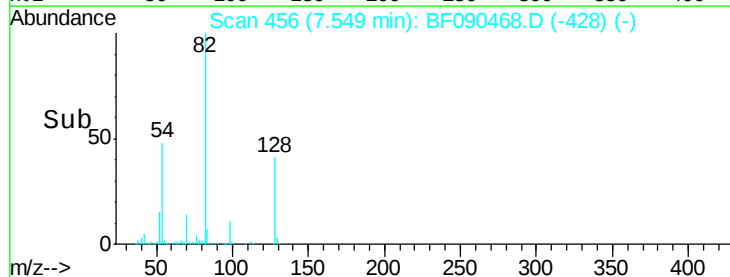
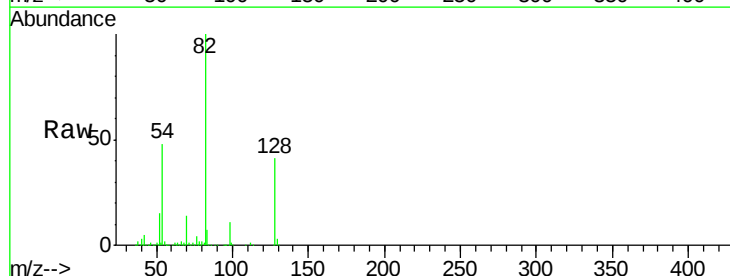
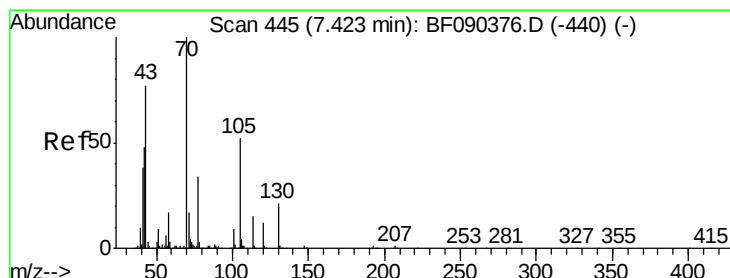
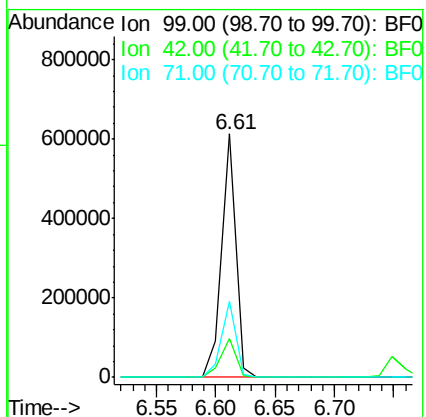
Tgt Ion: 99 Resp: 504131

Ion Ratio Lower Upper

99 100

42 15.7 20.0 30.0#

71 31.2 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.56 ng

RT: 7.55 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090468.D

Acq: 8 Oct 2016 5:32

Tgt Ion: 70 Resp: 178803

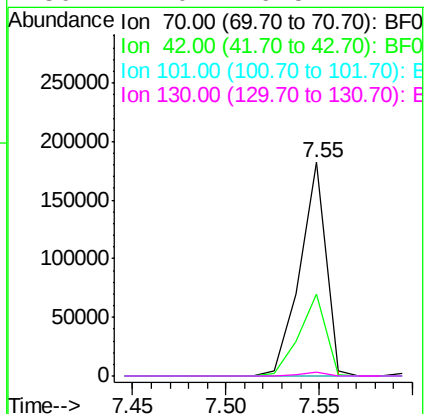
Ion Ratio Lower Upper

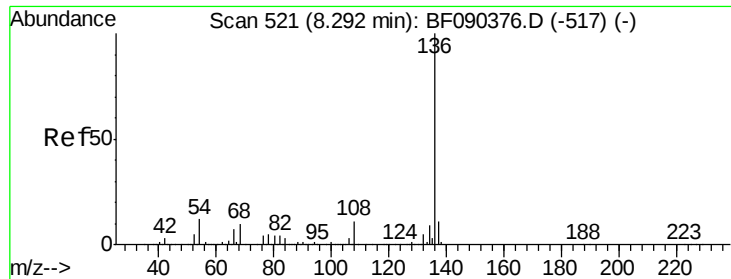
70 100

42 38.2 55.4 83.2#

101 0.0 7.6 11.4#

130 2.0 16.5 24.7#

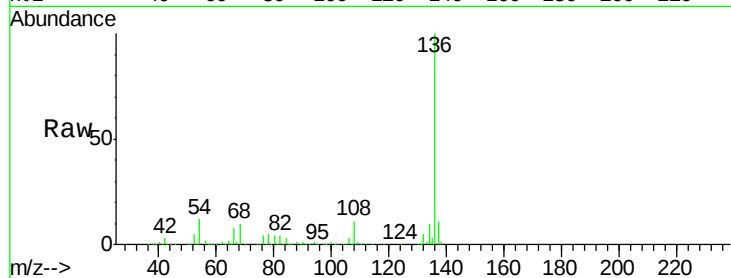




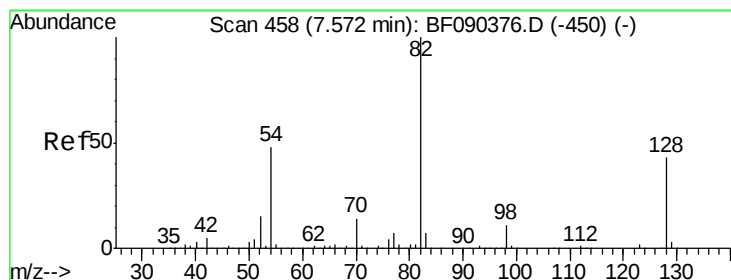
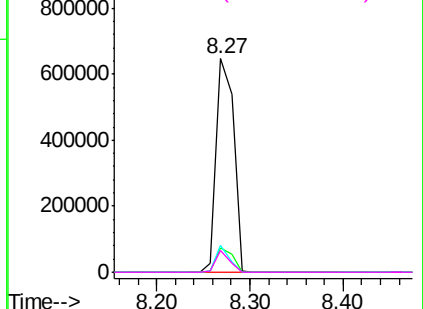
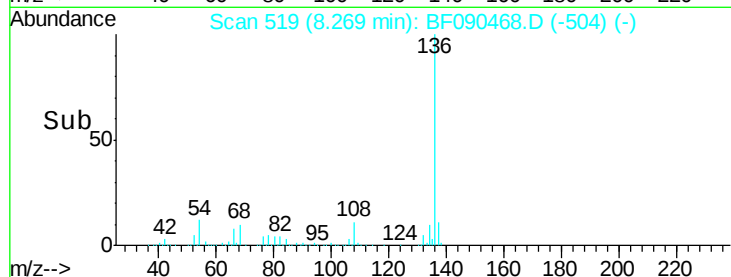
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tgt Ion:	136	Resp:	835627
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	12.5	6.6	10.0#
68	10.5	5.0	7.6#

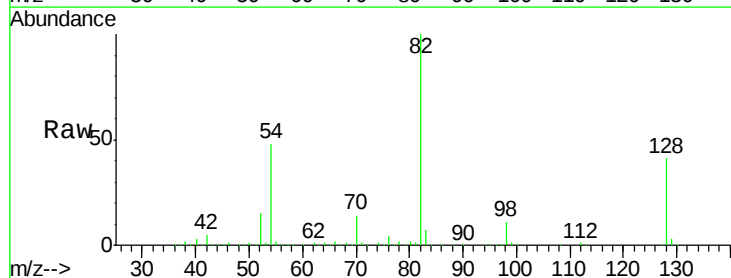


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

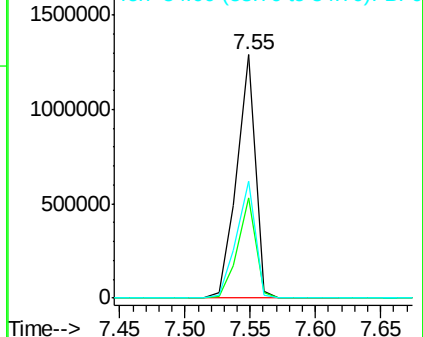
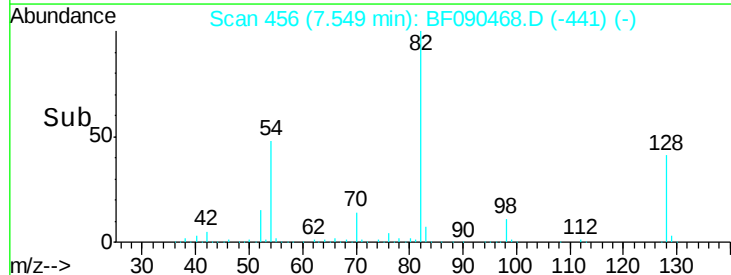


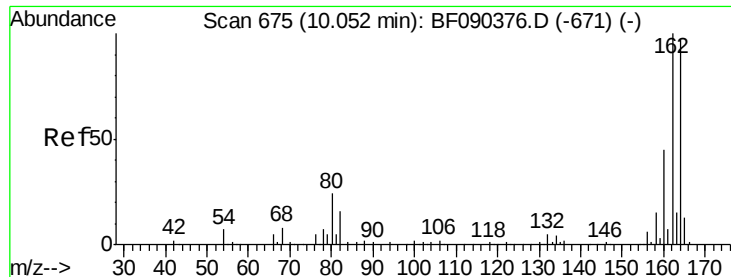
#23
Nitrobenzene-d5
Concen: 73.92 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion:	82	Resp:	1269895
Ion	Ratio	Lower	Upper
82	100		
128	41.4	40.0	60.0
54	48.2	42.6	64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090468.D

Acq: 8 Oct 2016 5:32

Instrument :

BNA_F

ClientSampleId :

RAV-GT-105

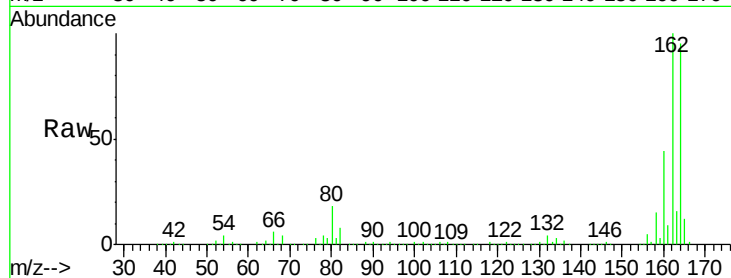
Tgt Ion:164 Resp: 474669

Ion Ratio Lower Upper

164 100

162 105.0 80.1 120.1

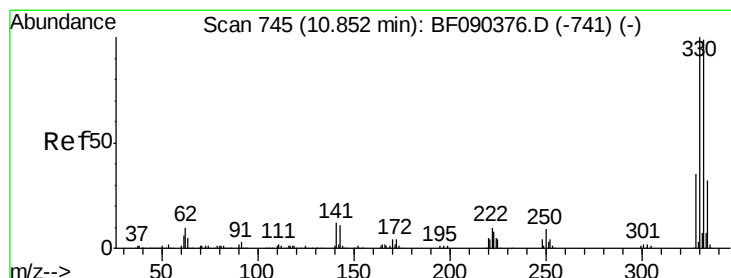
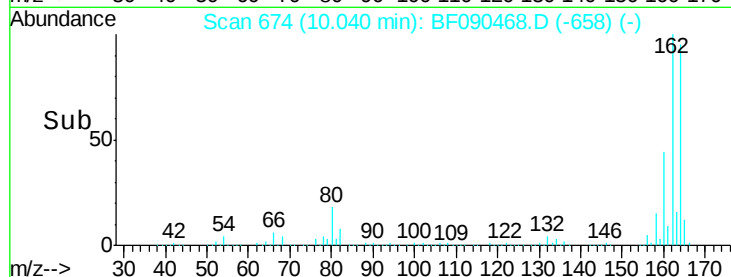
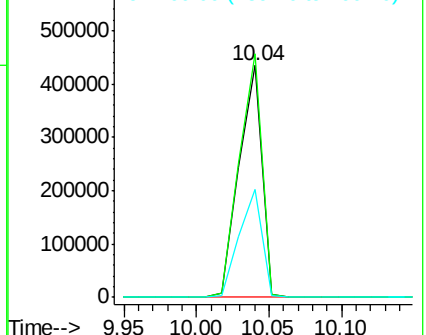
160 46.3 36.3 54.5



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: 95.62 ng

RT: 10.83 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF090468.D

Acq: 8 Oct 2016 5:32

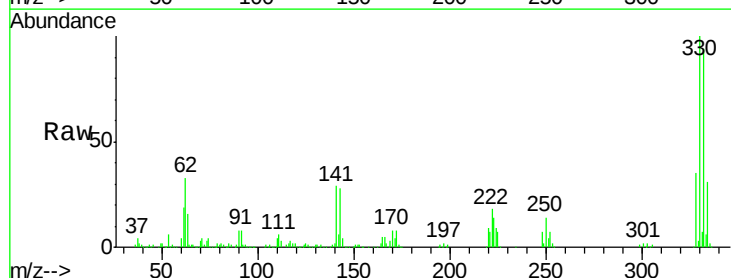
Tgt Ion:330 Resp: 369047

Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.0

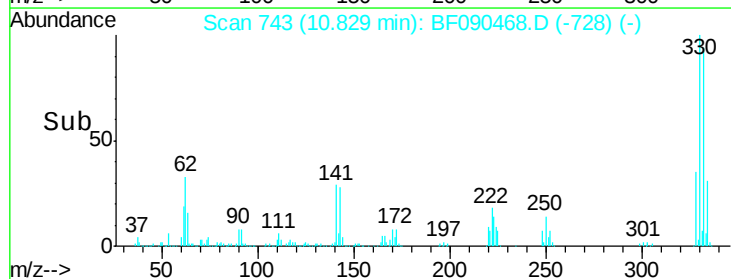
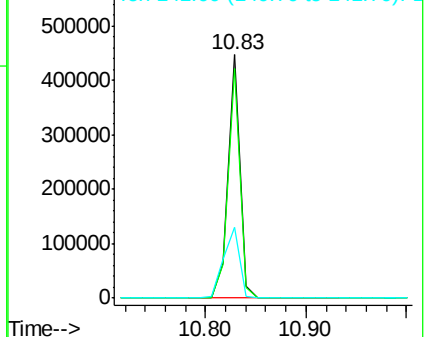
141 38.8 26.9 40.3

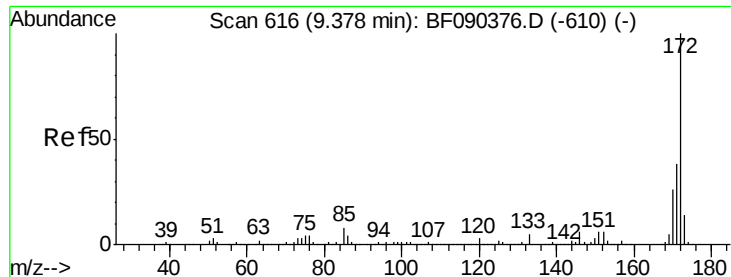


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

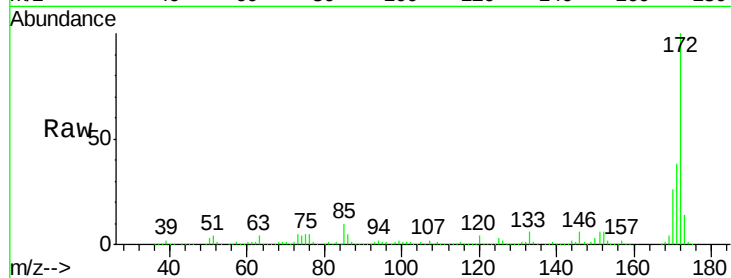




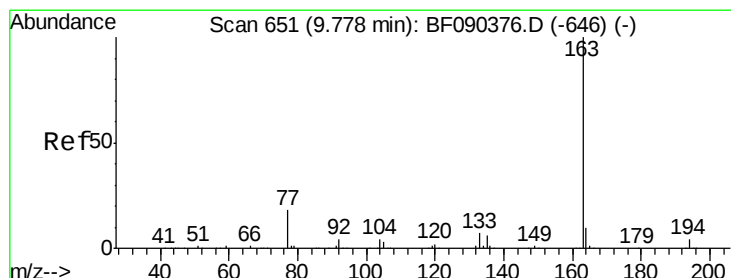
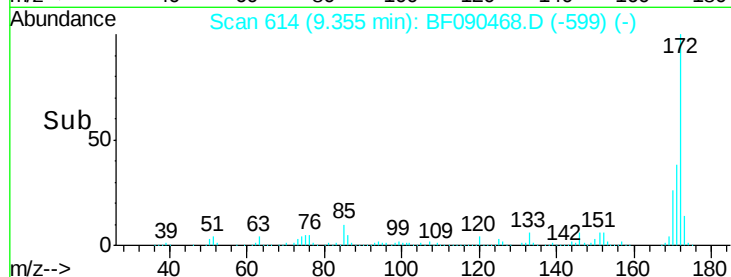
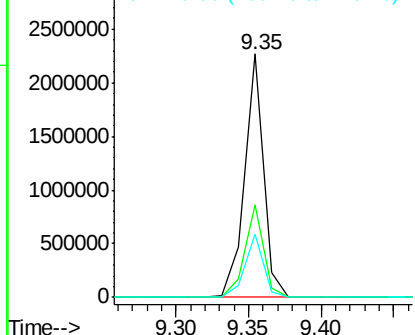
#44
 2-Fluorobiphenyl
 Concen: 72.42 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090468.D
 Acq: 8 Oct 2016 5:32

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

Tgt Ion:172 Resp: 2063095
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.8 47.8
 170 25.7 21.7 32.5

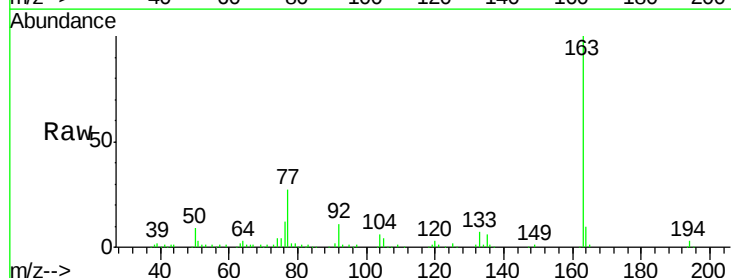


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

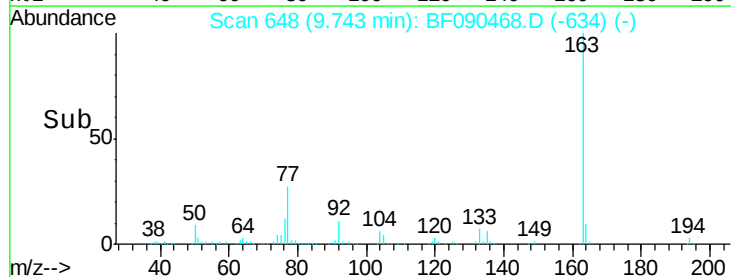
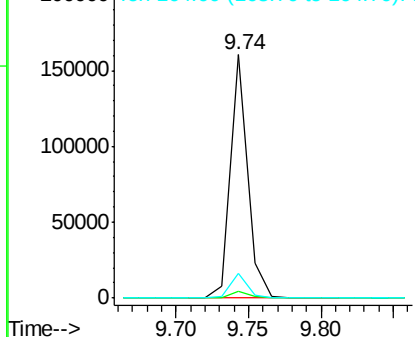


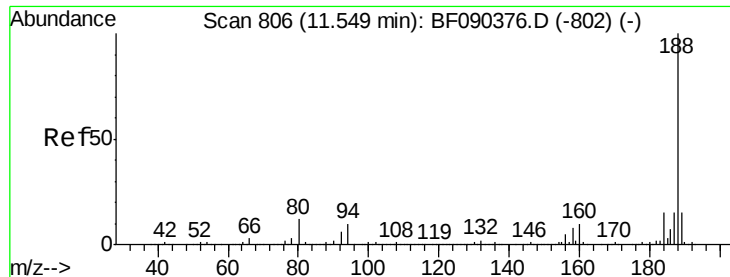
#49
 Dimethylphthalate
 Concen: 4.36 ng
 RT: 9.74 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF090468.D
 Acq: 8 Oct 2016 5:32

Tgt Ion:163 Resp: 132409
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 10.1 9.0 13.4



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

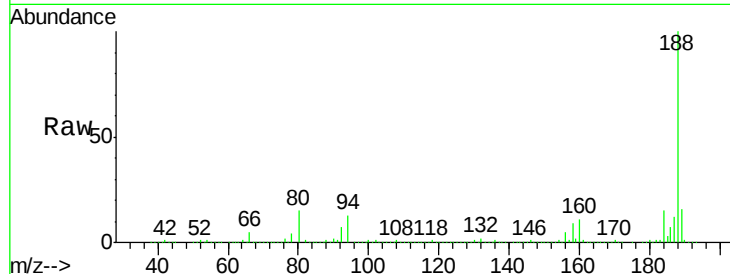




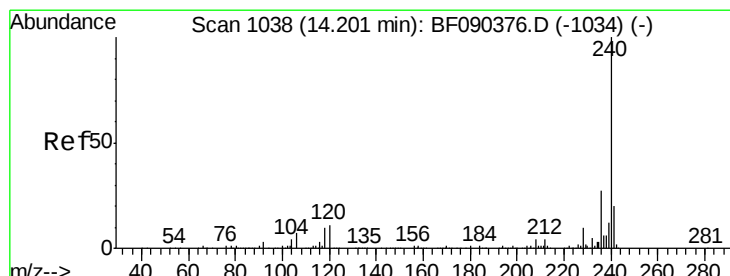
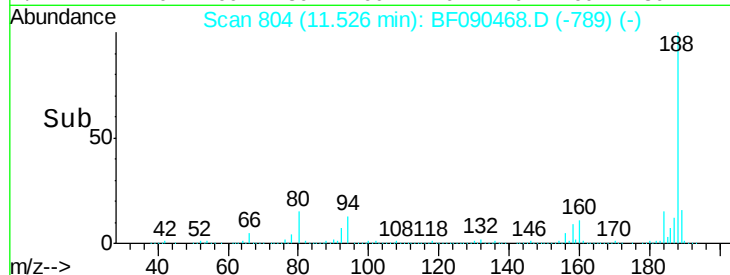
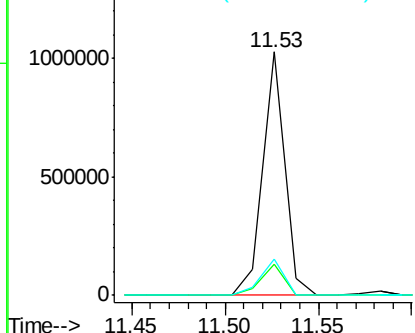
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Instrument :
BNA_F
ClientSampled :
RAV-GT-105

Tgt Ion:188 Resp: 833780
Ion Ratio Lower Upper
188 100
94 12.9 8.2 12.2#
80 14.7 8.8 13.2#

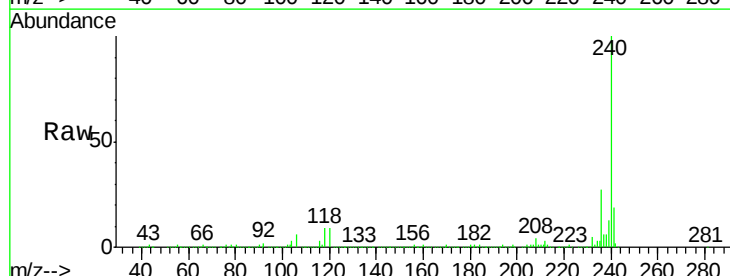


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

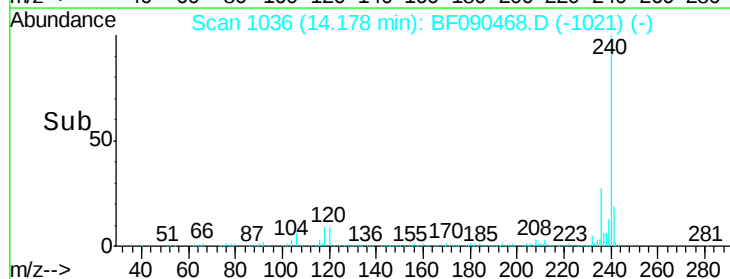
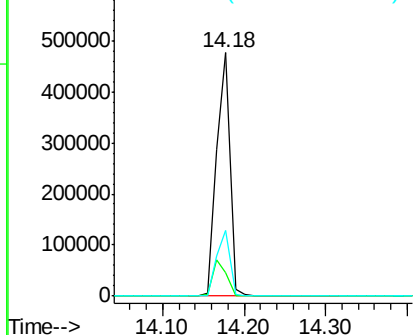


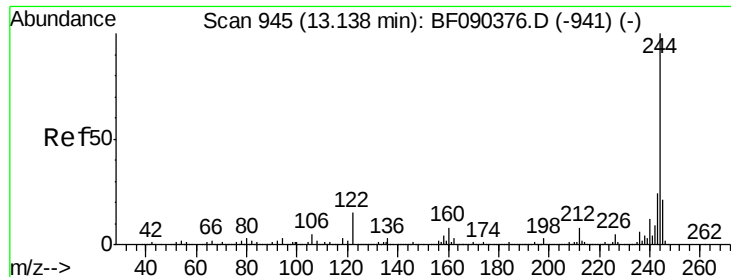
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090468.D
Acq: 8 Oct 2016 5:32

Tgt Ion:240 Resp: 542517
Ion Ratio Lower Upper
240 100
120 9.4 8.6 13.0
236 27.1 21.6 32.4



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: 91.95 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090468.D

Acq: 8 Oct 2016 5:32

Instrument :

BNA_F

ClientSampleId :

RAV-GT-105

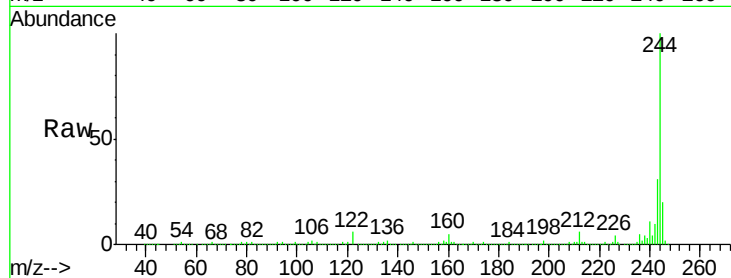
Tgt Ion:244 Resp: 2218890

Ion Ratio Lower Upper

244 100

212 6.2 6.8 10.2#

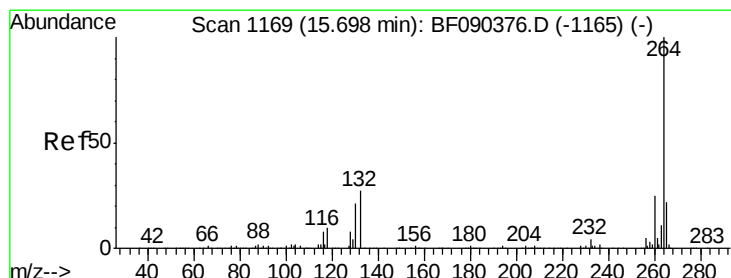
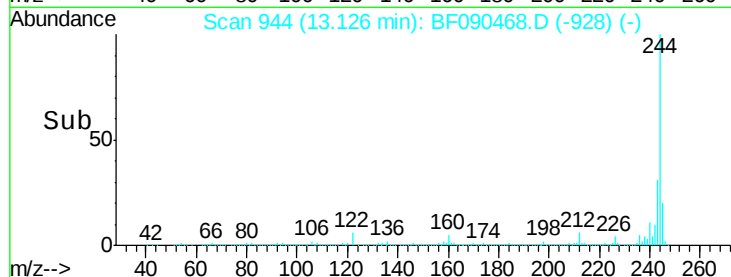
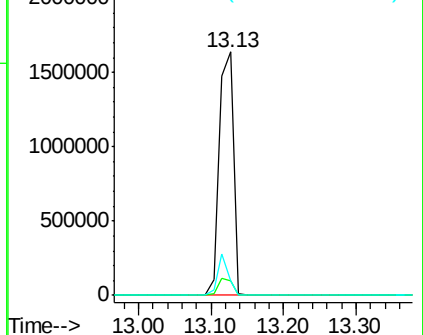
122 6.0 13.3 19.9#



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: 15.68 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF090468.D

Acq: 8 Oct 2016 5:32

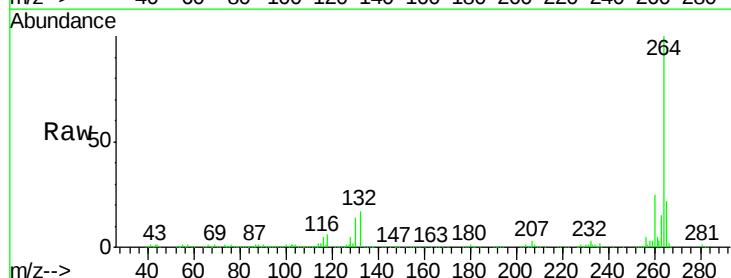
Tgt Ion:264 Resp: 380435

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.7 17.4 26.0



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

