

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079799.D
 Acq On : 7 Jun 2015 7:41
 Operator : TP/IZ
 Sample : G2508-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNDERCUTAB-2(0-2)

Quant Time: Jun 09 01:13:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

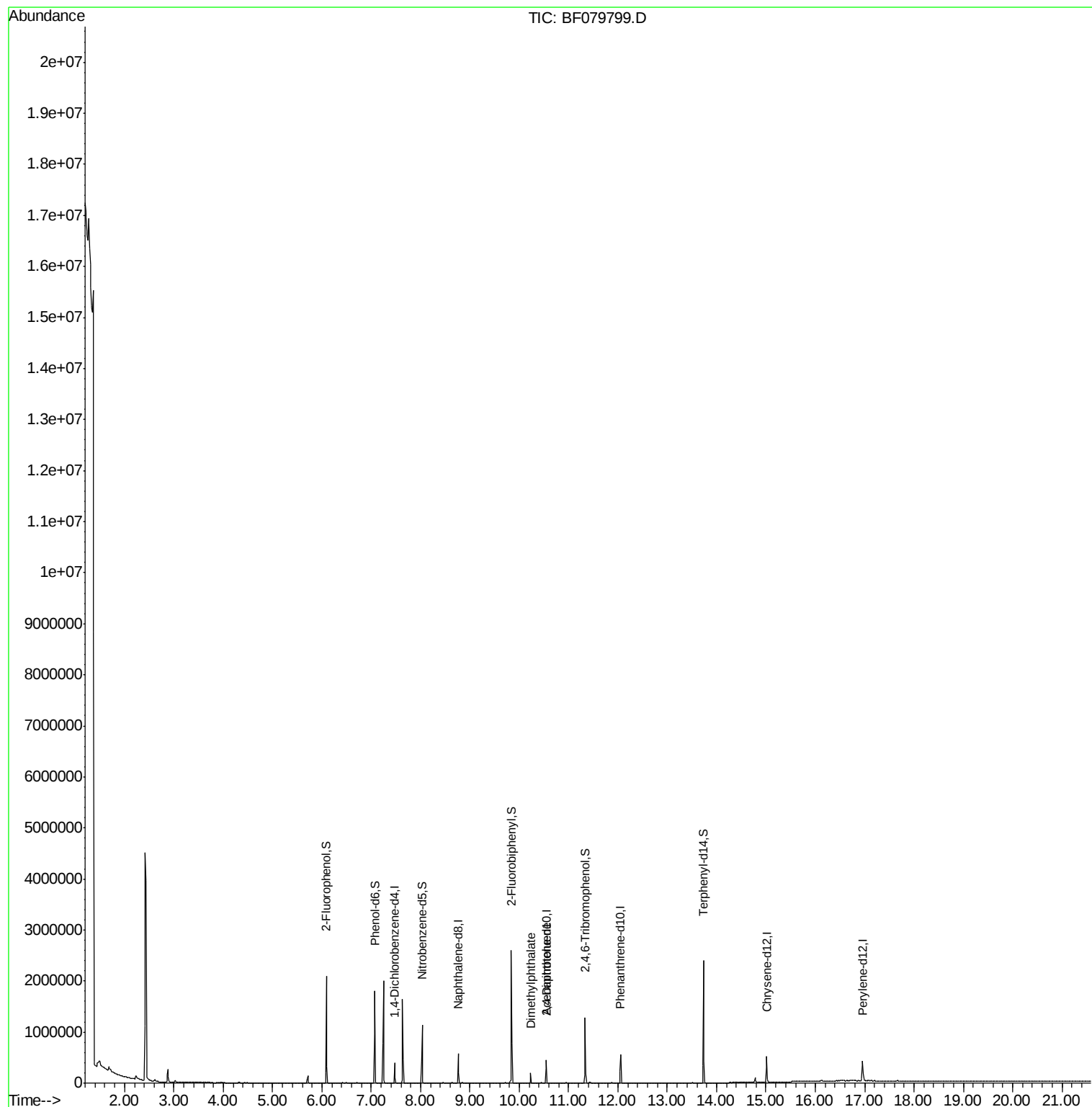
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	58335	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	262362	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	110971	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	231048	20.00	ng	0.00
75) Chrysene-d12	15.02	240	236569	20.00	ng	0.03
86) Perylene-d12	16.96	264	249278	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	503217	144.58	ng	0.00
7) Phenol-d6	7.07	99	703876	156.58	ng	0.00
23) Nitrobenzene-d5	8.03	82	371450	86.92	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	134676	126.89	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	803336	98.08	ng	0.00
78) Terphenyl-d14	13.74	244	773596	74.89	ng	0.01
Target Compounds						
49) Dimethylphthalate	10.23	163	72295	8.46	ng	Qvalue 97
56) 2,4-Dinitrotoluene	10.55	165	13931	11.28	ng	# 32

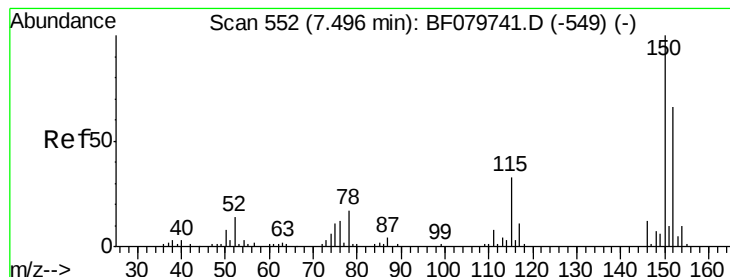
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 01:08:34 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF079799.D

Acq: 7 Jun 2015 7:41

Instrument :

BNA_F

ClientSampleId :

UNDERCUTAB-2(0-2)

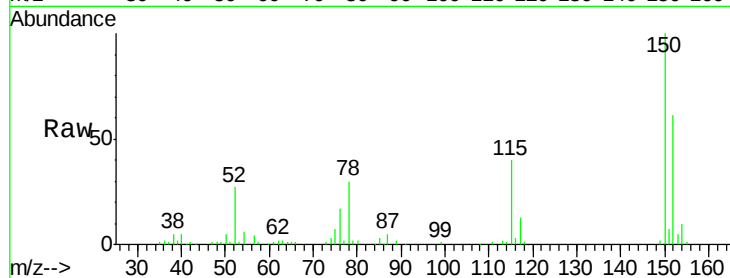
Tgt Ion:152 Resp: 58335

Ion Ratio Lower Upper

152 100

150 162.8 128.1 192.1

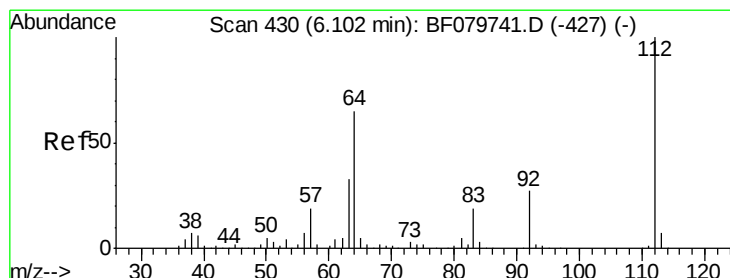
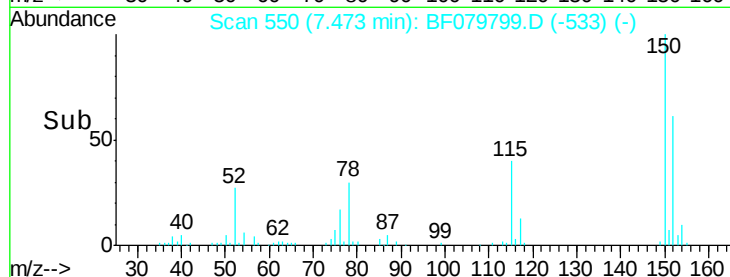
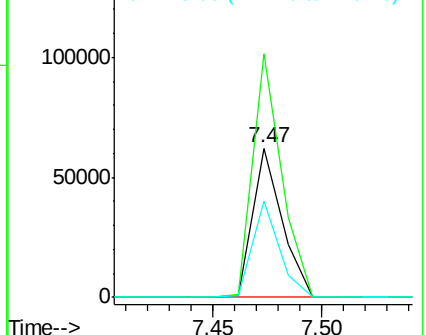
115 64.4 49.7 74.5



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: 144.58 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF079799.D

Acq: 7 Jun 2015 7:41

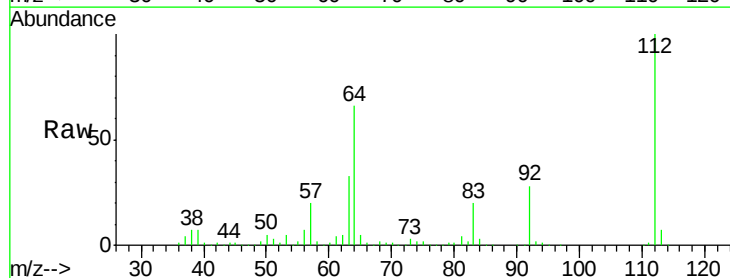
Tgt Ion:112 Resp: 503217

Ion Ratio Lower Upper

112 100

64 65.9 49.6 74.4

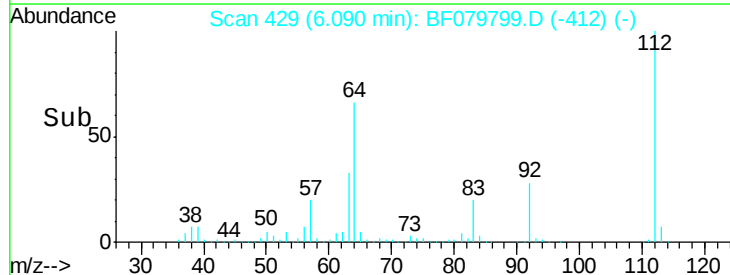
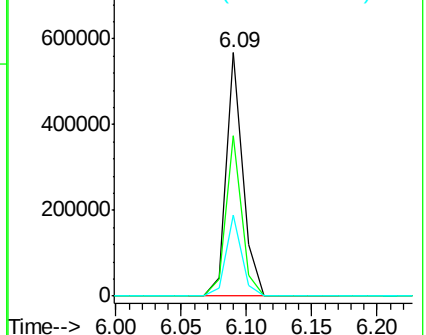
63 33.3 24.9 37.3

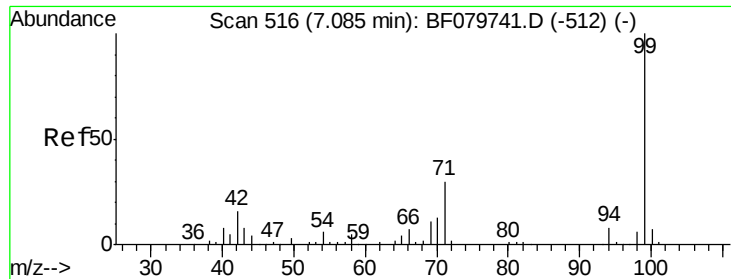


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 156.58 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079799.D

Acq: 7 Jun 2015 7:41

Instrument :

BNA_F

ClientSampleId :

UNDERCUTAB-2(0-2)

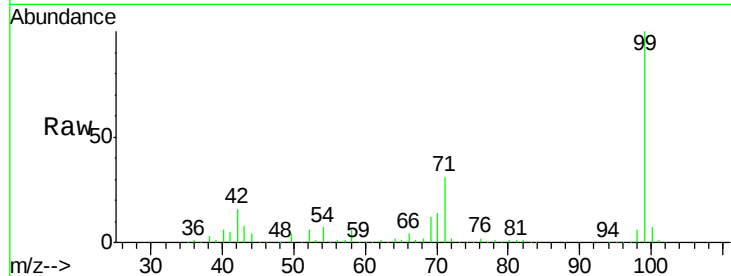
Tgt Ion: 99 Resp: 703876

Ion Ratio Lower Upper

99 100

42 15.5 18.0 27.0#

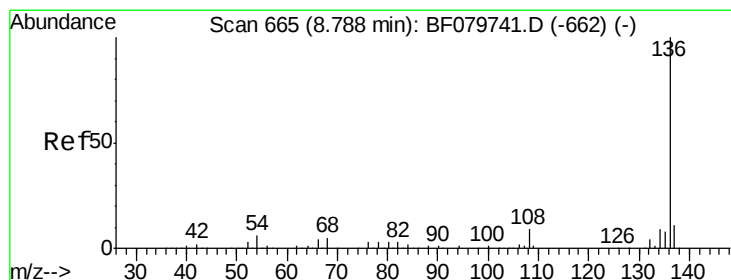
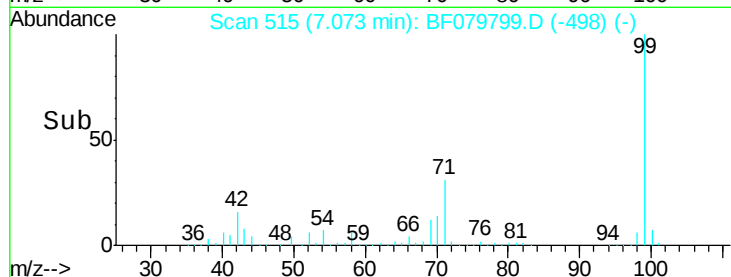
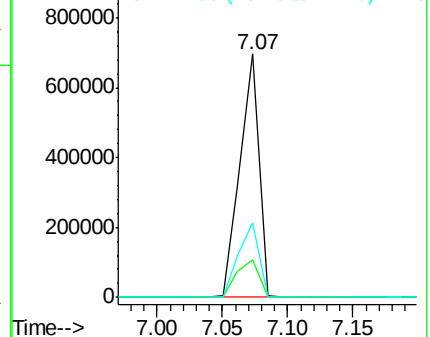
71 30.8 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF079799.D

Acq: 7 Jun 2015 7:41

Tgt Ion: 136 Resp: 262362

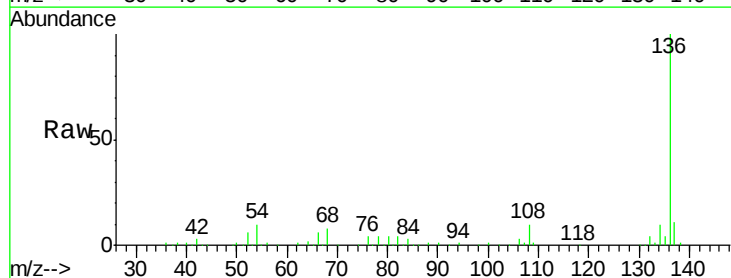
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.3 8.7 13.1

68 7.9 5.8 8.8

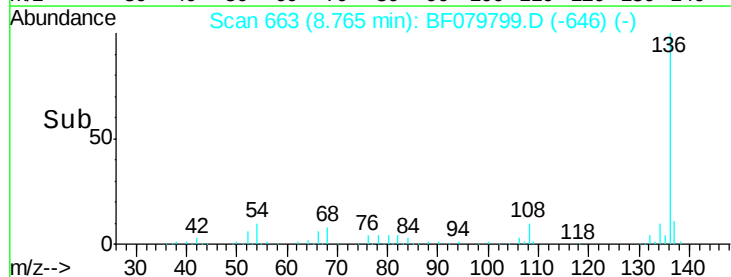
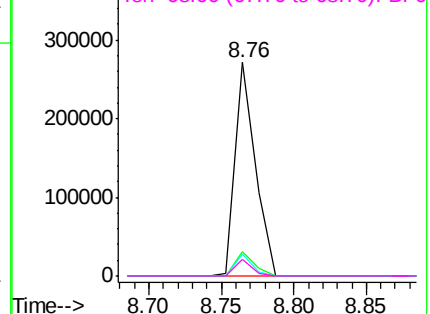


Abundance Ion 136.00 (135.70 to 136.70): E

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

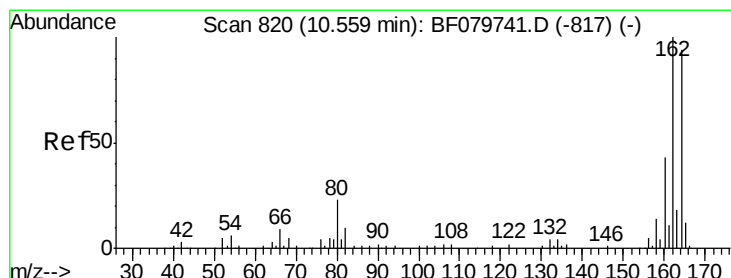
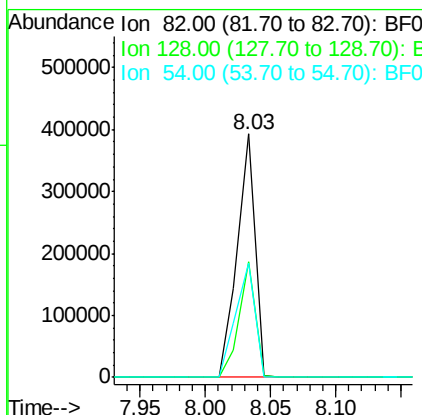
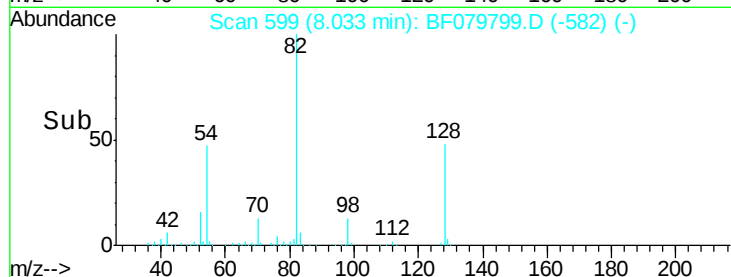
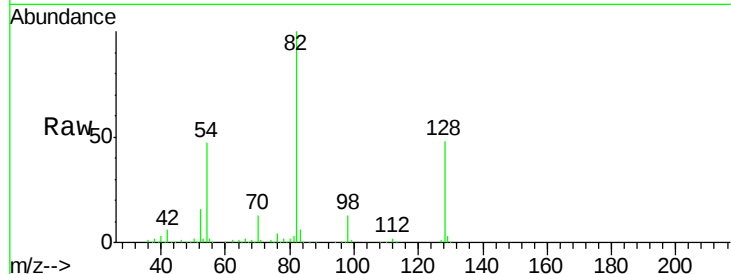




#23
 Nitrobenzene-d5
 Concen: 86.92 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079799.D
 Acq: 7 Jun 2015 7:41

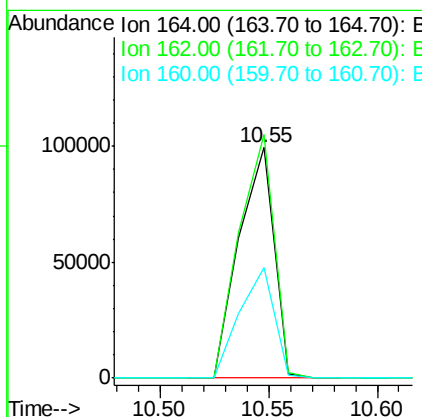
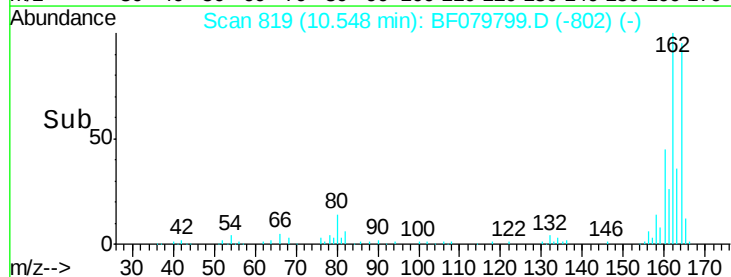
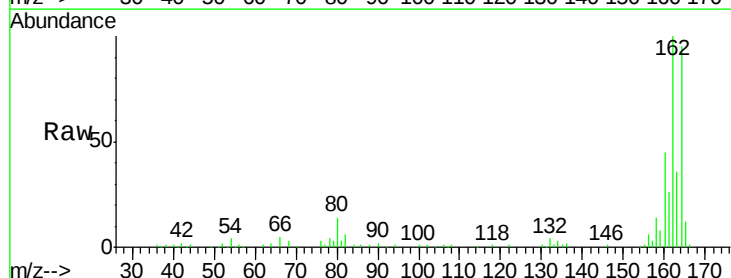
Instrument :
 BNA_F
 ClientSampleId :
 UNDERCUTAB-2(0-2)

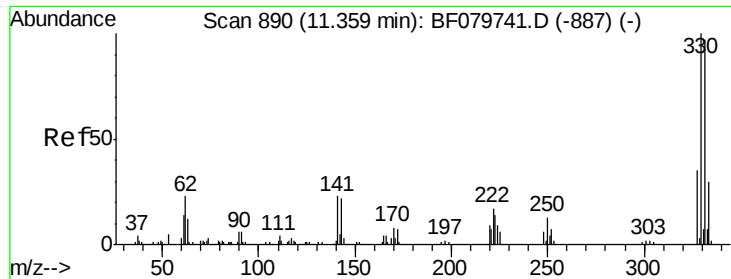
Tgt Ion: 82 Resp: 371450
 Ion Ratio Lower Upper
 82 100
 128 47.7 37.6 56.4
 54 47.0 39.4 59.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF079799.D
 Acq: 7 Jun 2015 7:41

Tgt Ion: 164 Resp: 110971
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.6 123.8
 160 47.7 36.8 55.2

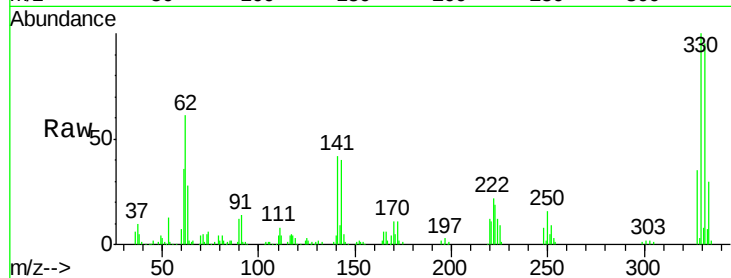




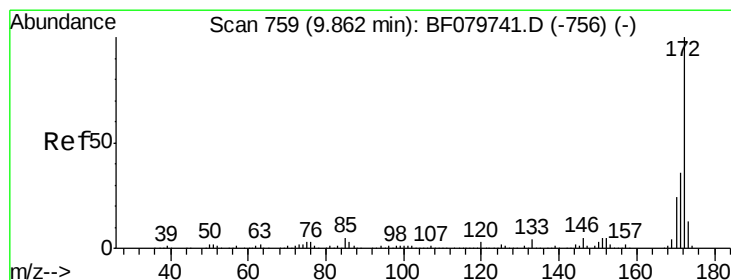
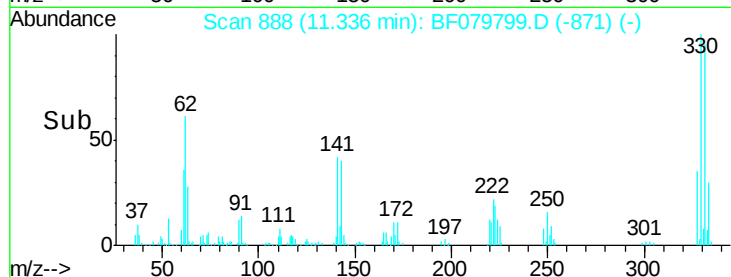
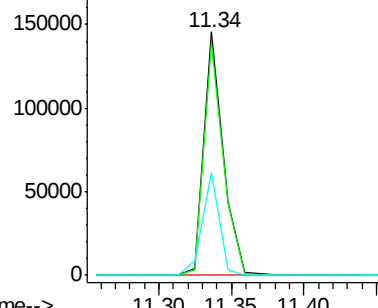
#41
 2,4,6-Tribromophenol
 Concen: 126.89 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF079799.D
 Acq: 7 Jun 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 UNDERCUTAB-2(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	37.7	30.2	45.2

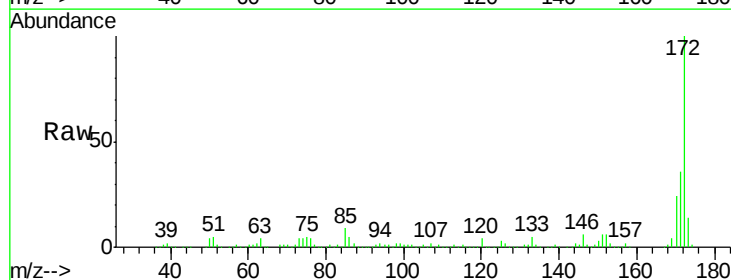


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

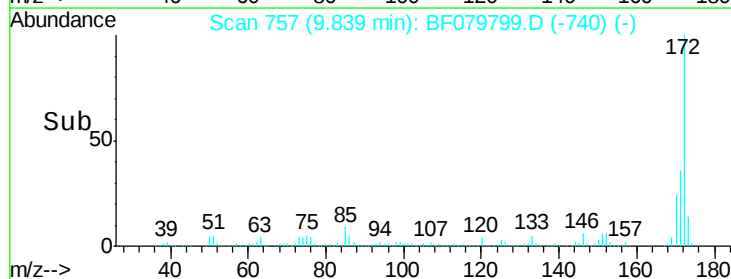
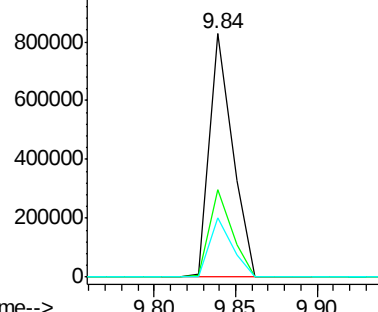


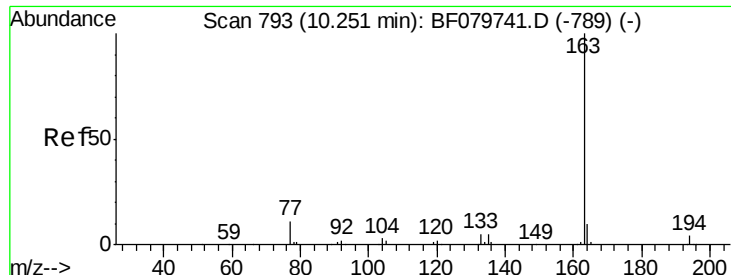
#44
 2-Fluorobiphenyl
 Concen: 98.08 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079799.D
 Acq: 7 Jun 2015 7:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	19.7	29.5



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

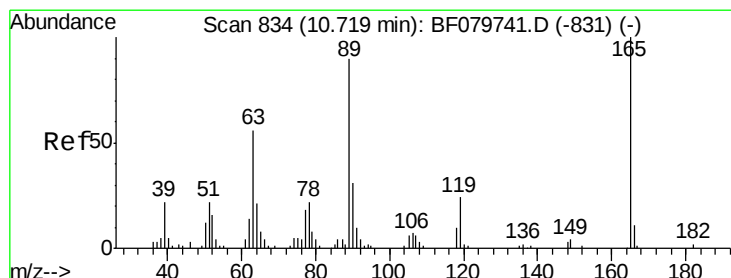
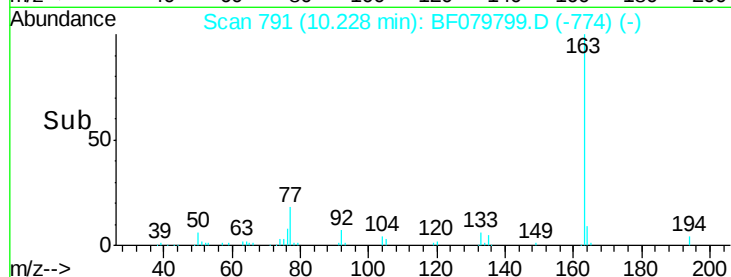
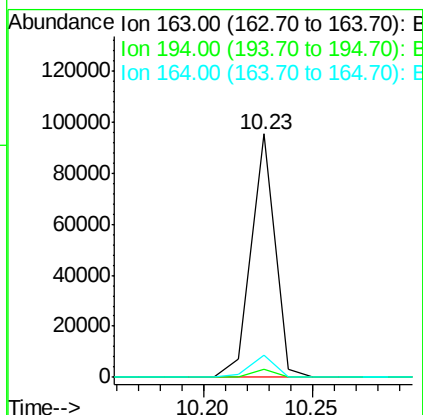
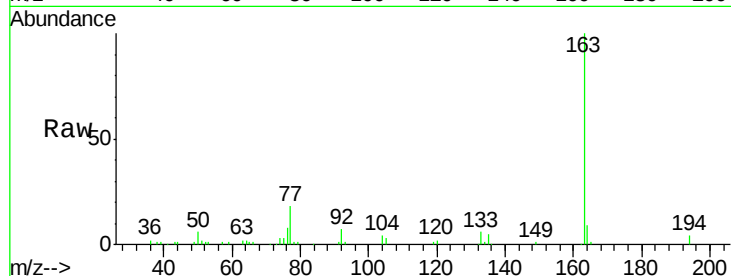




#49
Dimethylphthalate
Concen: 8.46 ng
RT: 10.23 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF079799.D
Acq: 7 Jun 2015 7:41

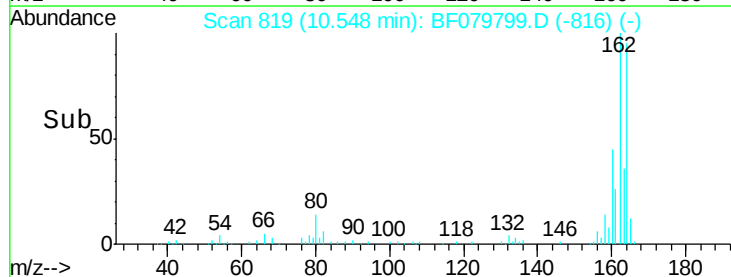
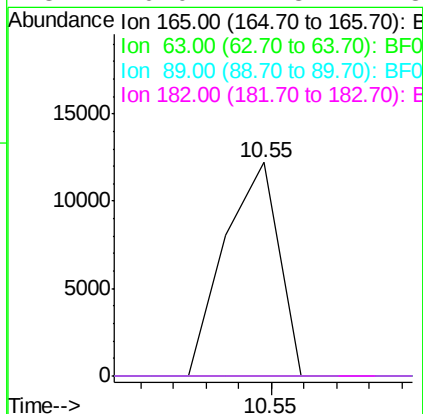
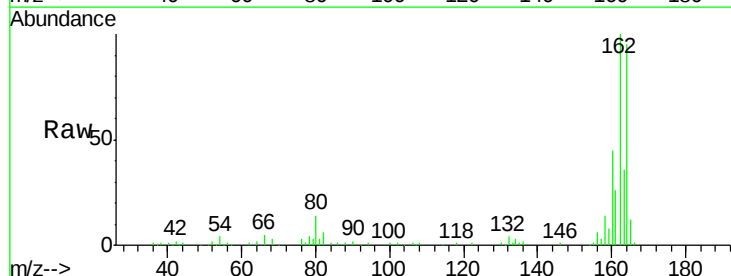
Instrument :
BNA_F
ClientSampleId :
UNDERCUTAB-2(0-2)

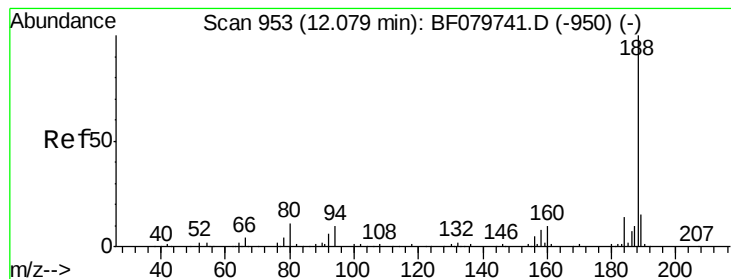
Tgt Ion:163 Resp: 72295
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 9.4 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 11.28 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.16 min
Lab File: BF079799.D
Acq: 7 Jun 2015 7:41

Tgt Ion:165 Resp: 13931
Ion Ratio Lower Upper
165 100
63 0.0 24.7 37.1#
89 0.0 45.7 68.5#
182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079799.D

Acq: 7 Jun 2015 7:41

Instrument :

BNA_F

ClientSampleId :

UNDERCUTAB-2(0-2)

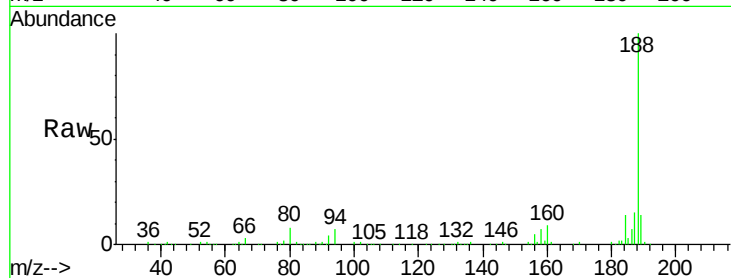
Tgt Ion:188 Resp: 231048

Ion Ratio Lower Upper

188 100

94 6.9 5.0 7.4

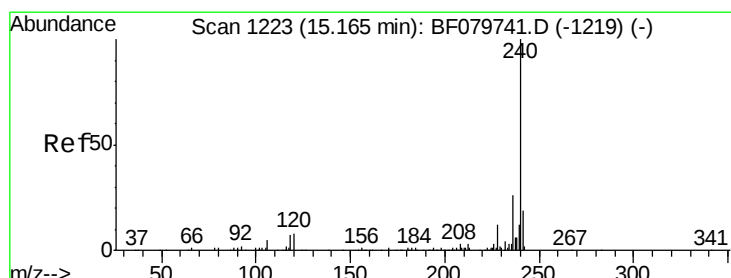
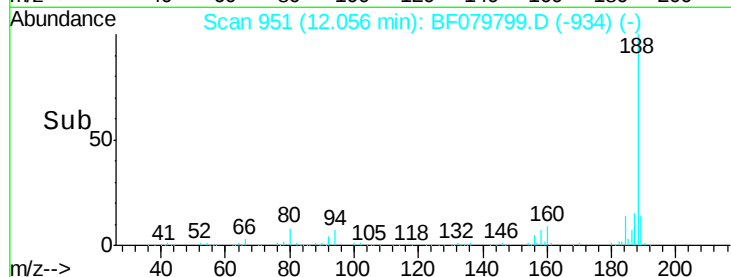
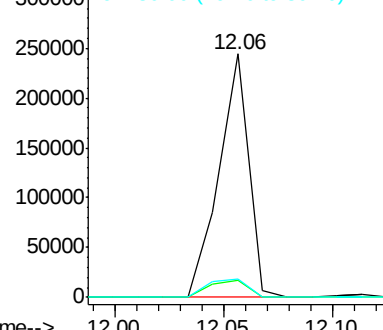
80 7.6 5.3 7.9



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: 15.02 min Scan# 1210

Delta R.T. 0.03 min

Lab File: BF079799.D

Acq: 7 Jun 2015 7:41

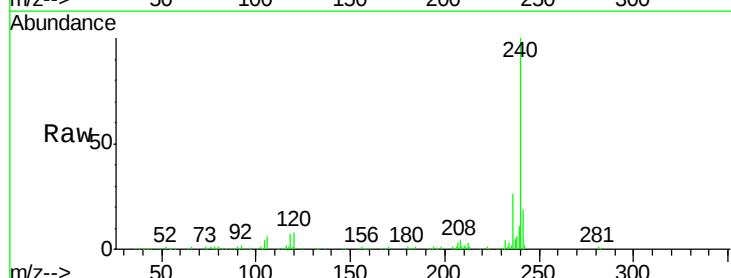
Tgt Ion:240 Resp: 236569

Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

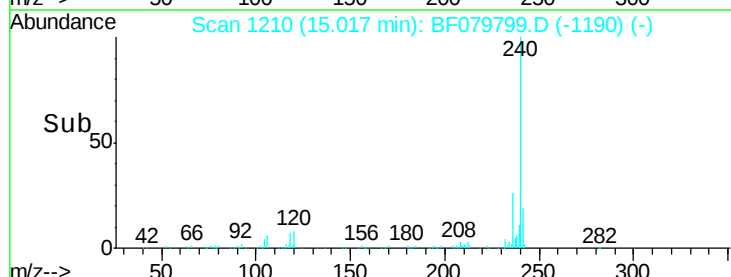
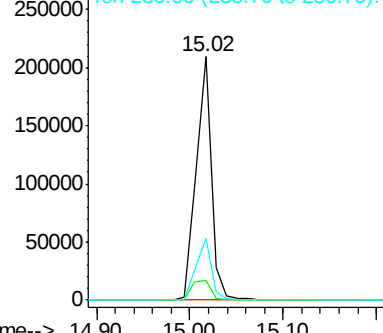
236 25.6 21.0 31.4

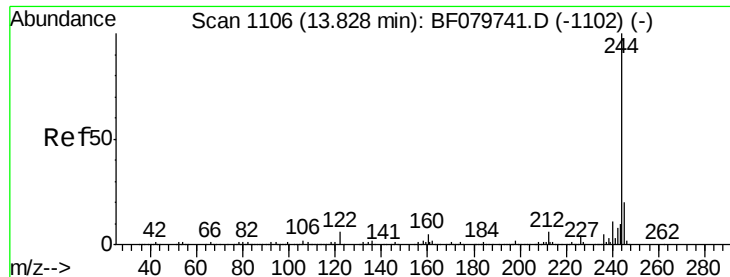


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.89 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF079799.D

Acq: 7 Jun 2015 7:41

Instrument :

BNA_F

ClientSampleId :

UNDERCUTAB-2(0-2)

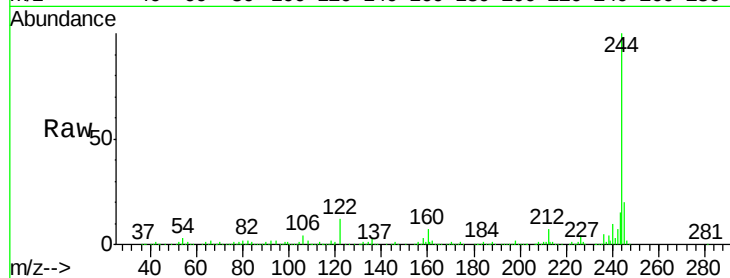
Tgt Ion:244 Resp: 773596

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

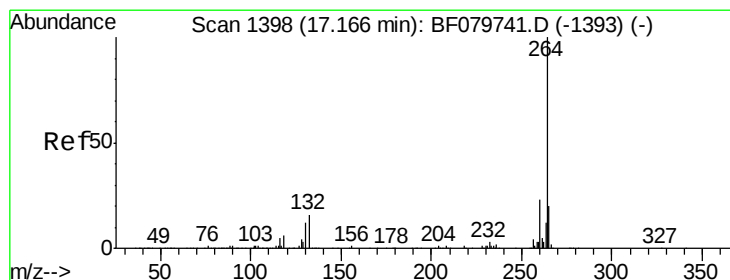
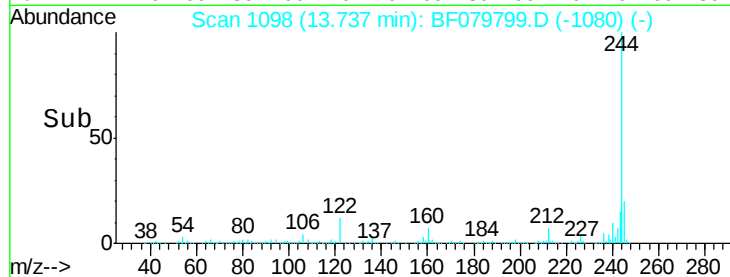
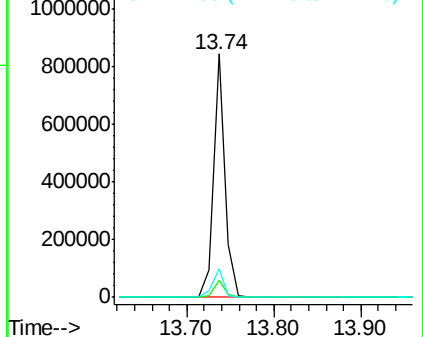
122 11.7 9.3 13.9



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: 16.96 min Scan# 1380

Delta R.T. 0.06 min

Lab File: BF079799.D

Acq: 7 Jun 2015 7:41

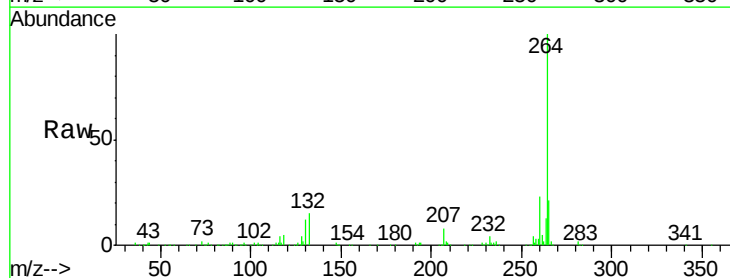
Tgt Ion:264 Resp: 249278

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.2 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

