

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079797.D
 Acq On : 7 Jun 2015 6:43
 Operator : TP/IZ
 Sample : G2507-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIER2-8(0-2)

Quant Time: Jun 09 01:27:54 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

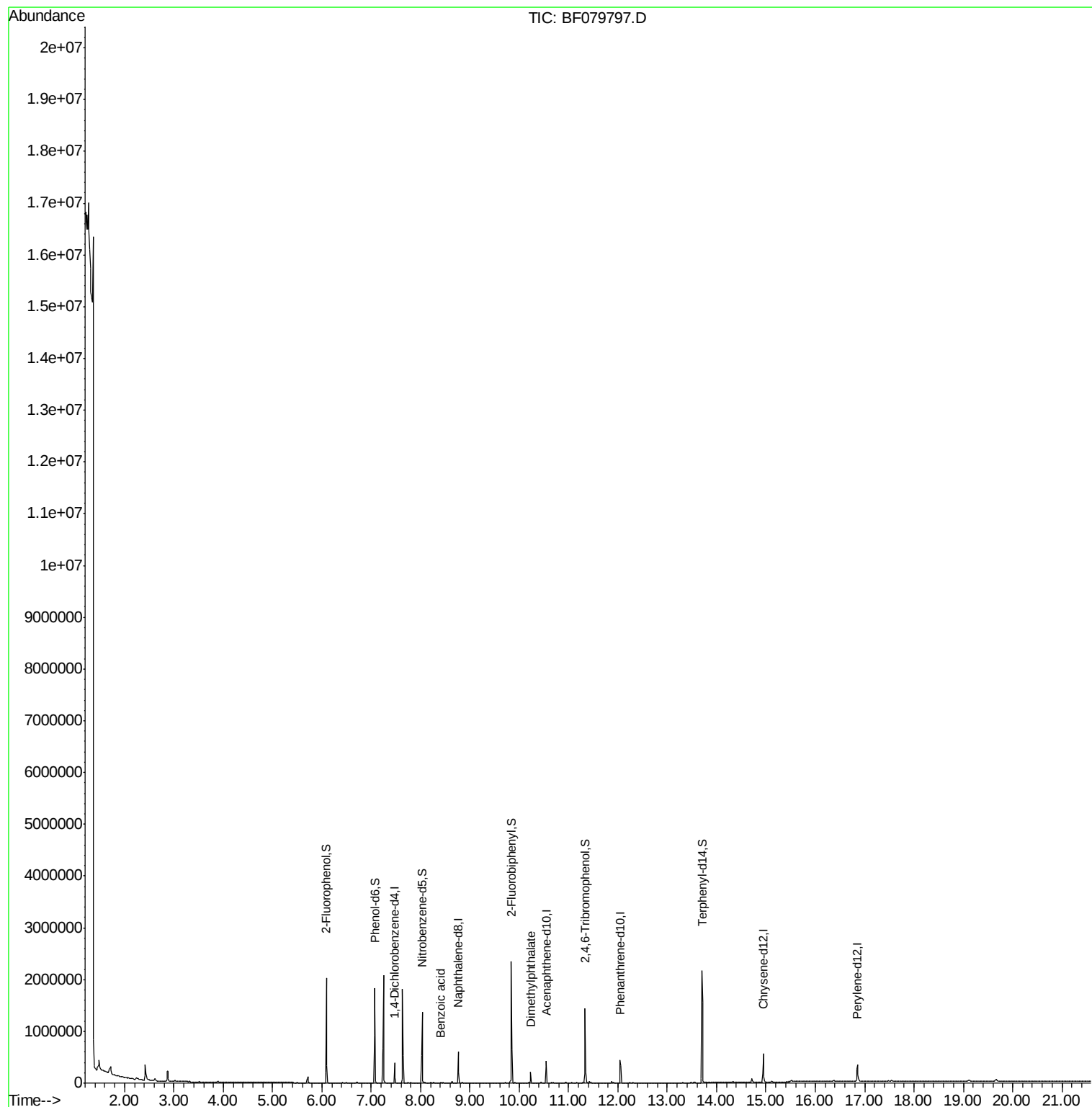
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	56455	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	274914	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	107872	20.00	ng	0.00
63) Phenanthrene-d10	12.04	188	223734	20.00	ng	-0.01
75) Chrysene-d12	14.95	240	225303	20.00	ng	-0.03
86) Perylene-d12	16.86	264	199533	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	486304	144.38	ng	0.00
7) Phenol-d6	7.07	99	696705	160.14	ng	0.00
23) Nitrobenzene-d5	8.03	82	447867	100.02	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	150827	146.19	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	714162	89.69	ng	0.00
78) Terphenyl-d14	13.70	244	932488	94.79	ng	-0.02
Target Compounds						
32) Benzoic acid	8.41	122	2109	5.36	ng	87
49) Dimethylphthalate	10.23	163	83695	10.07	ng	98

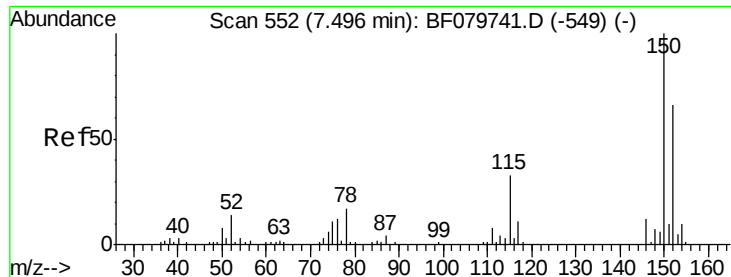
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 01:08:34 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

Instrument :

BNA_F

ClientSampleId :

PIER2-8(0-2)

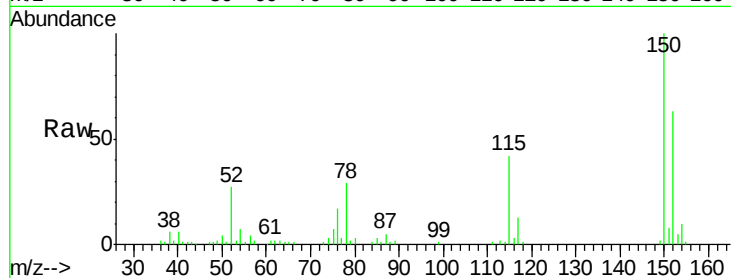
Tgt Ion:152 Resp: 56455

Ion Ratio Lower Upper

152 100

150 158.2 128.1 192.1

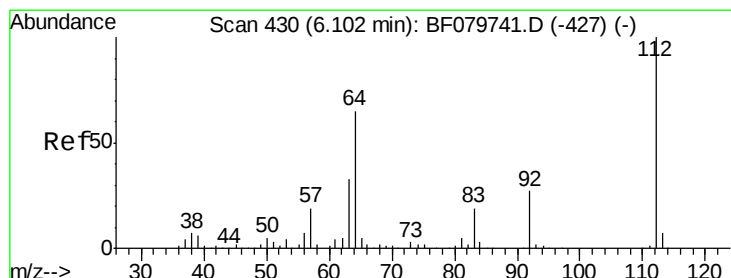
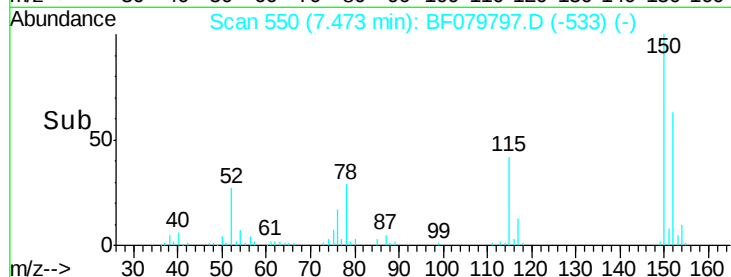
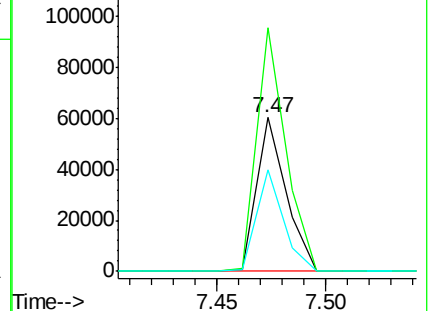
115 66.0 49.7 74.5



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: 144.38 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

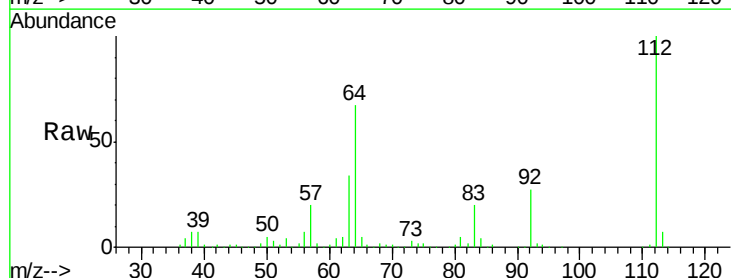
Tgt Ion:112 Resp: 486304

Ion Ratio Lower Upper

112 100

64 67.1 49.6 74.4

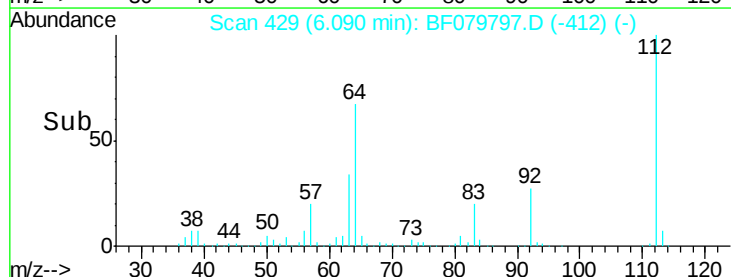
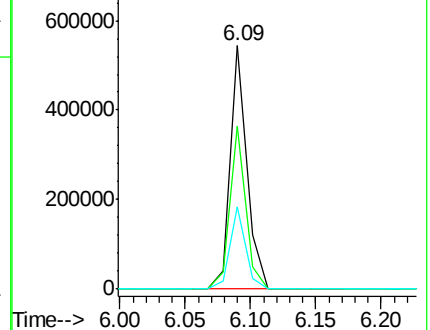
63 33.8 24.9 37.3

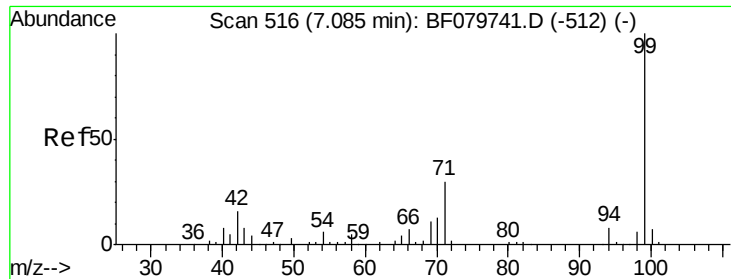


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 160.14 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

Instrument :

BNA_F

ClientSampleId :

PIER2-8(0-2)

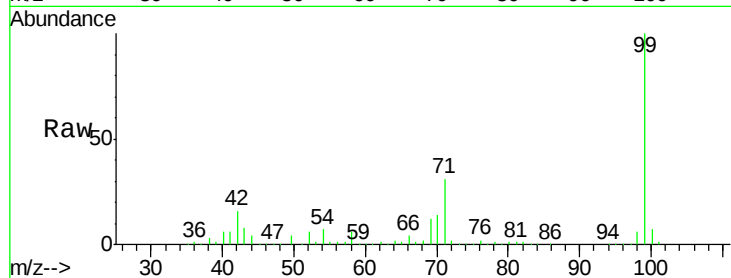
Tgt Ion: 99 Resp: 696705

Ion Ratio Lower Upper

99 100

42 16.1 18.0 27.0#

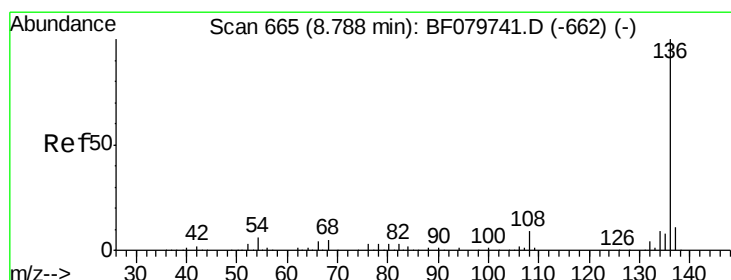
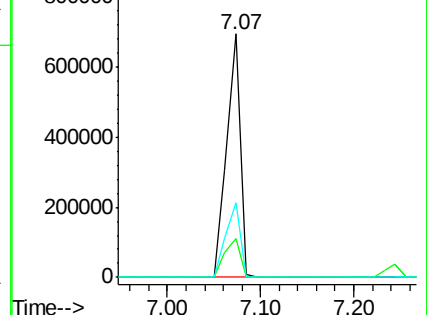
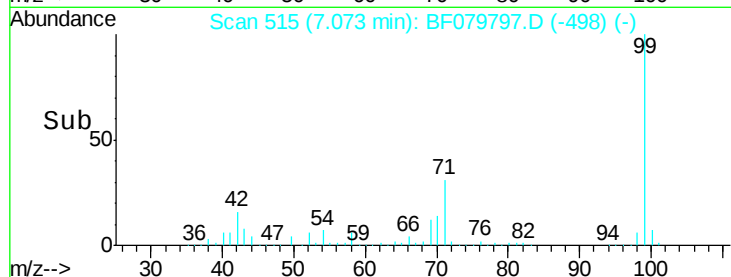
71 30.7 28.4 42.6



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: BF079797.D

Acq: 7 Jun 2015 6:43

Tgt Ion: 136 Resp: 274914

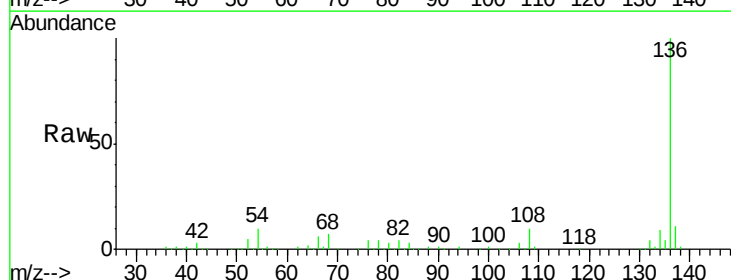
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.1 8.7 13.1

68 7.1 5.8 8.8

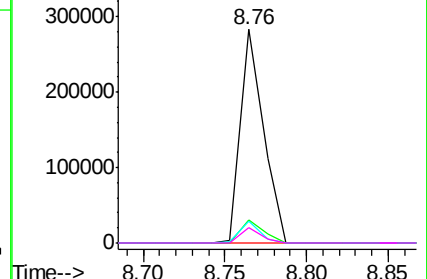
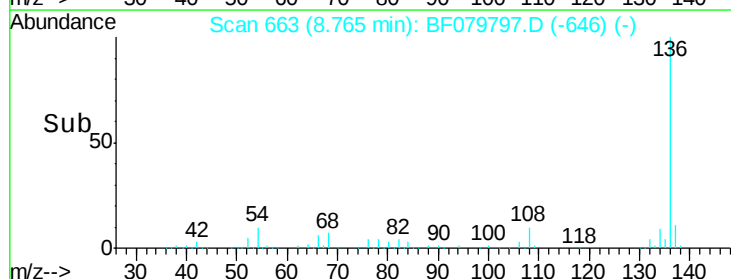


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.02 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

Instrument :

BNA_F

ClientSampleId :

PIER2-8(0-2)

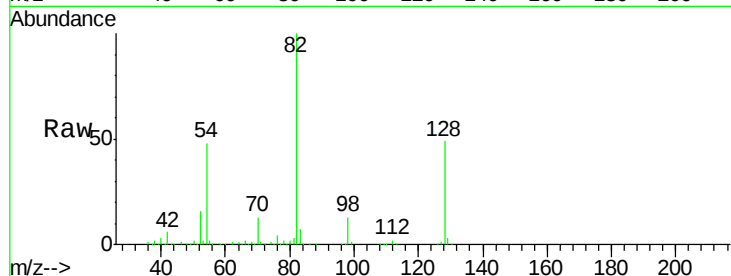
Tgt Ion: 82 Resp: 447867

Ion Ratio Lower Upper

82 100

128 48.9 37.6 56.4

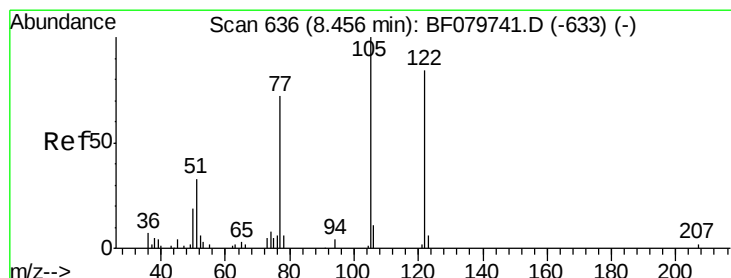
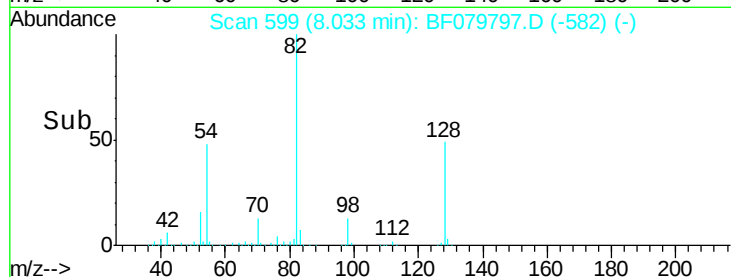
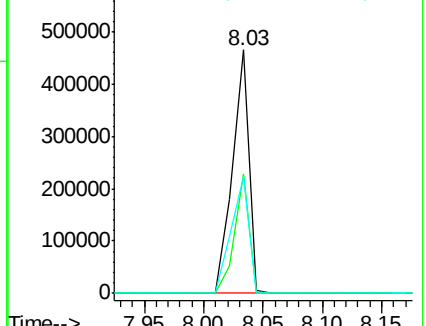
54 47.9 39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 5.36 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

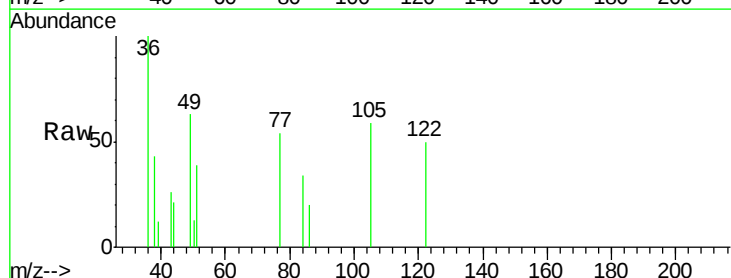
Tgt Ion: 122 Resp: 2109

Ion Ratio Lower Upper

122 100

105 116.2 106.7 146.7

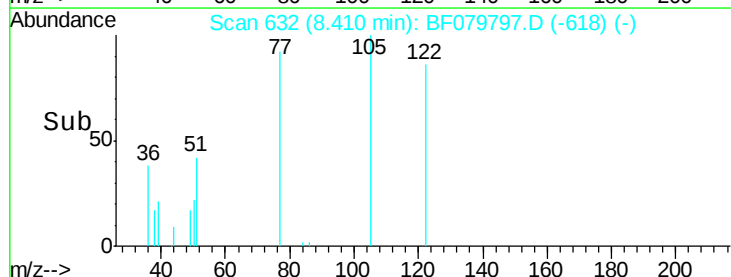
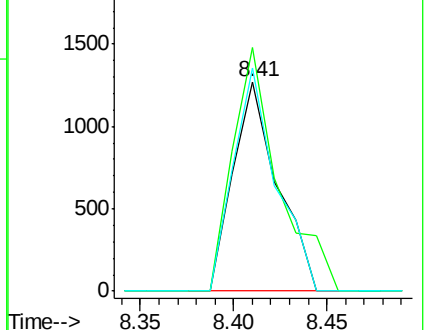
77 106.6 68.9 108.9

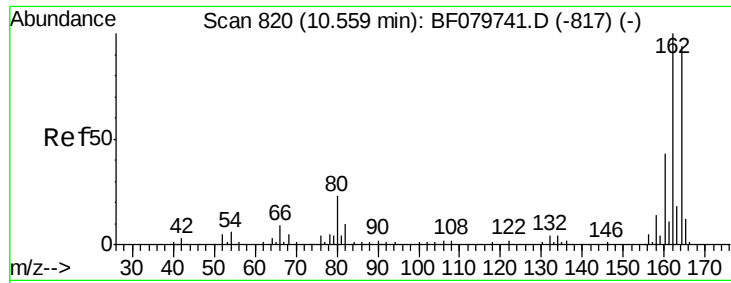


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

Instrument :

BNA_F

ClientSampleId :

PIER2-8(0-2)

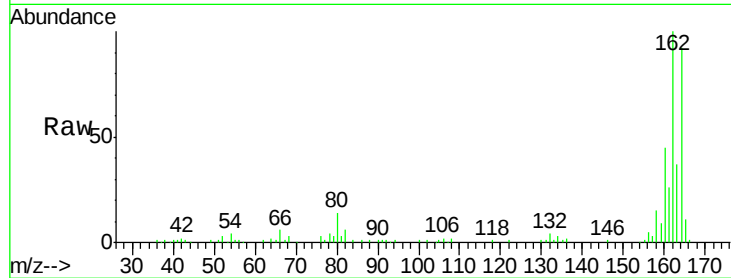
Tgt Ion:164 Resp: 107872

Ion Ratio Lower Upper

164 100

162 108.9 82.6 123.8

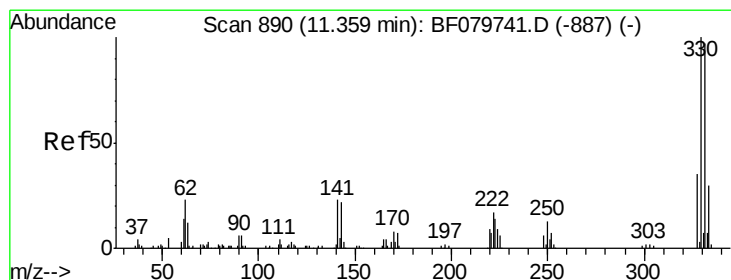
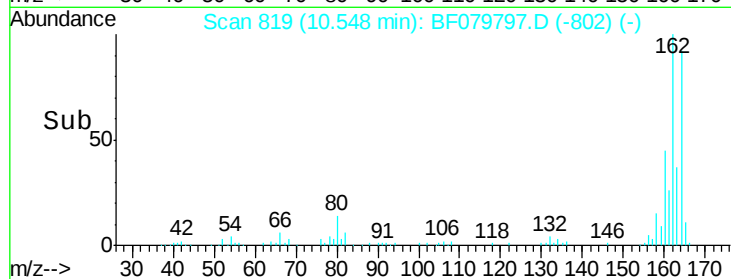
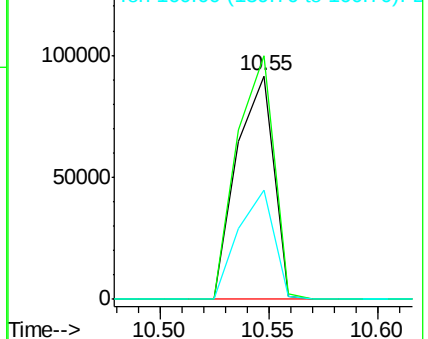
160 49.1 36.8 55.2



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: 146.19 ng

RT: 11.34 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

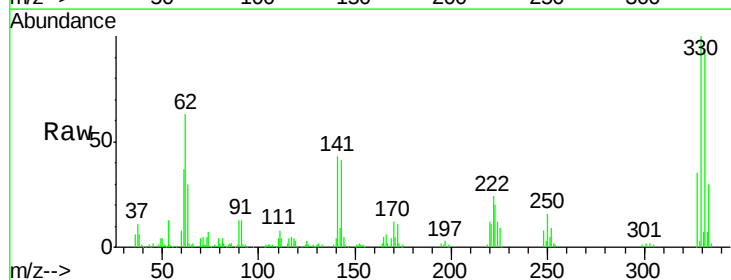
Tgt Ion:330 Resp: 150827

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

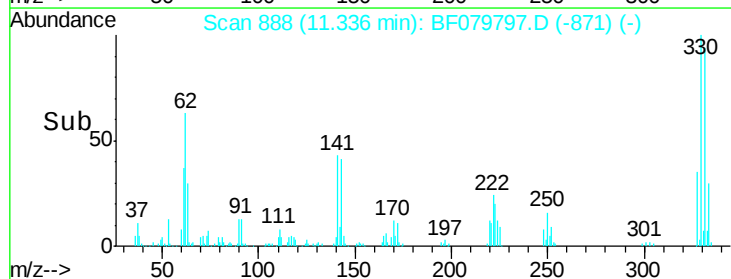
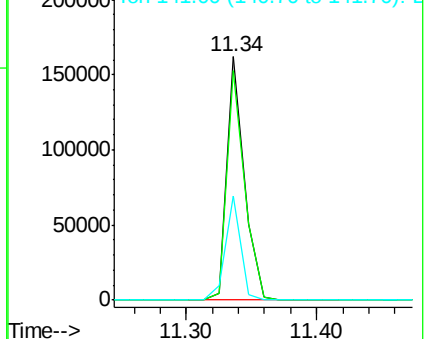
141 37.7 30.2 45.2

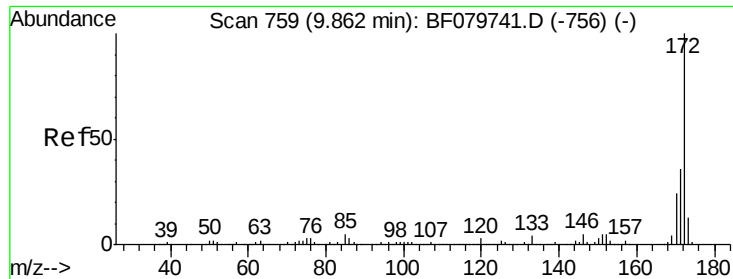


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

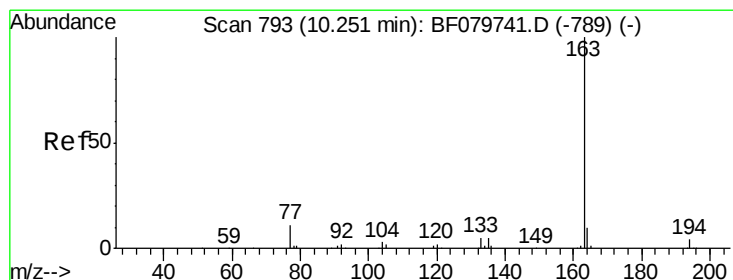
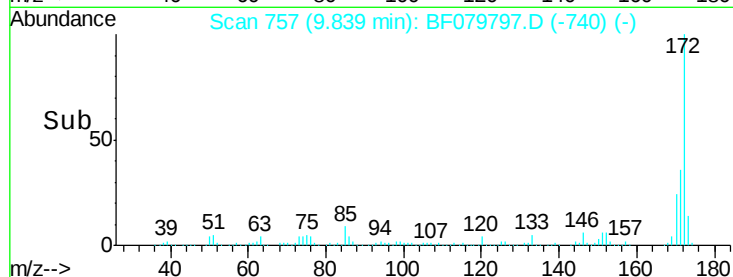
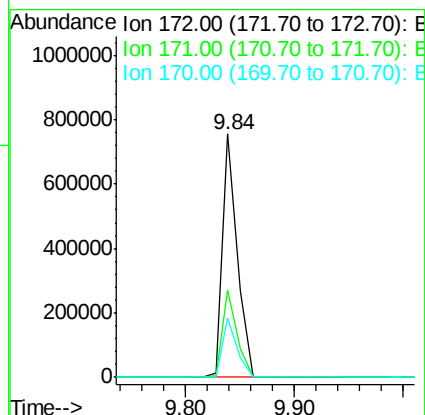
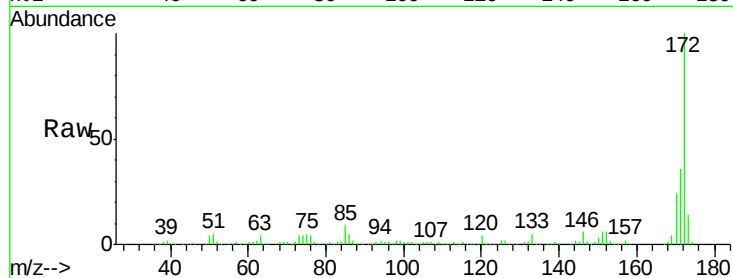




#44
2-Fluorobiphenyl
Concen: 89.69 ng
RT: 9.84 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

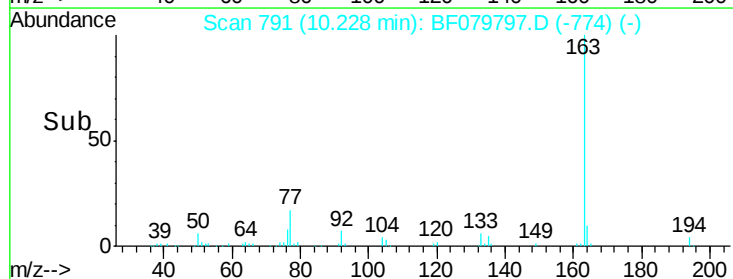
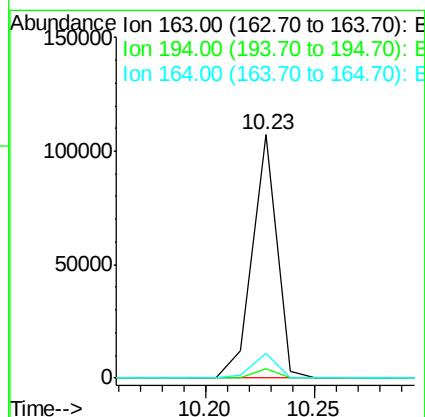
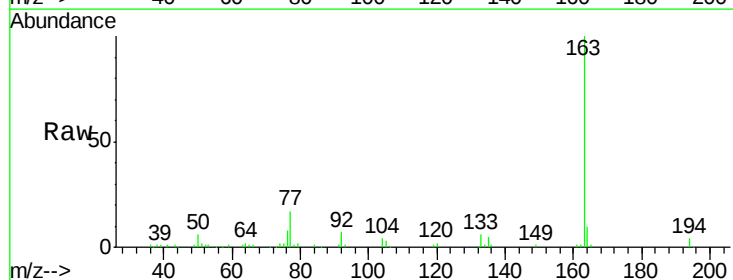
Instrument :
BNA_F
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PIER2-8(0-2)

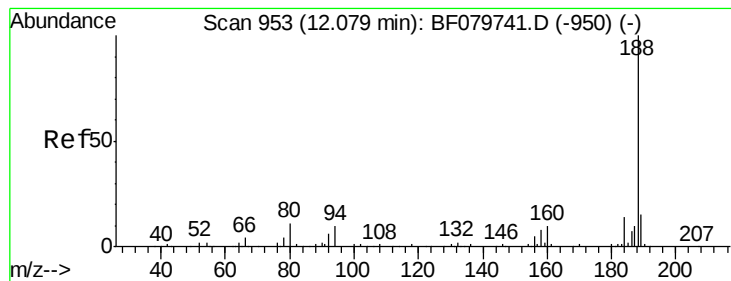
Tgt Ion:172 Resp: 714162
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.5 19.7 29.5



#49
Dimethylphthalate
Concen: 10.07 ng
RT: 10.23 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF079797.D
Acq: 7 Jun 2015 6:43

Tgt Ion:163 Resp: 83695
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.0 8.5 12.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.04 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

Instrument :

BNA_F

ClientSampleId :

PIER2-8(0-2)

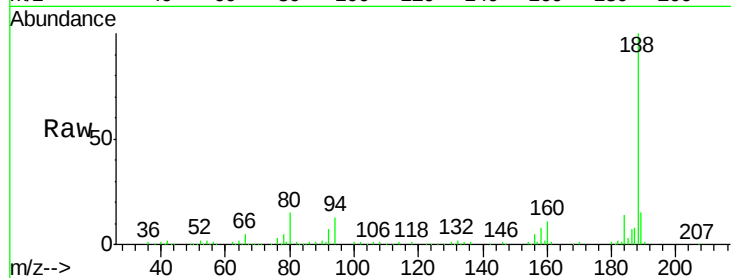
Tgt Ion:188 Resp: 223734

Ion Ratio Lower Upper

188 100

94 12.7 5.0 7.4#

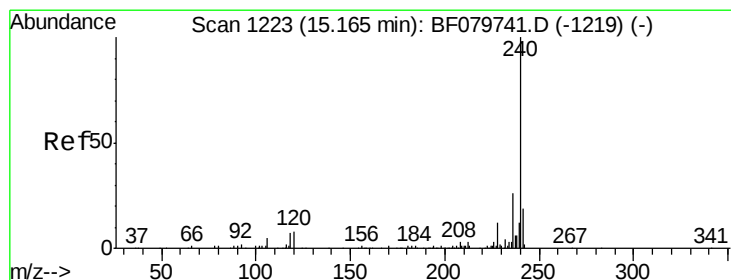
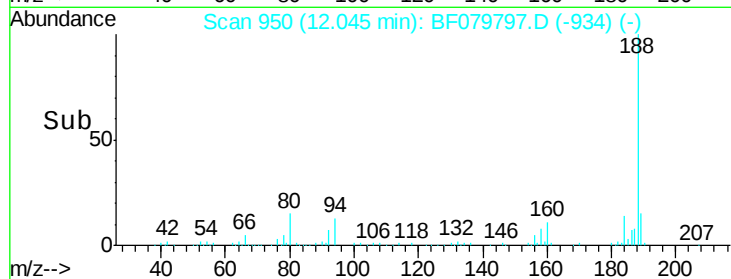
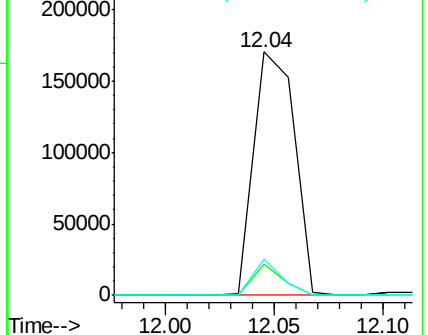
80 14.8 5.3 7.9#



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: 14.95 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

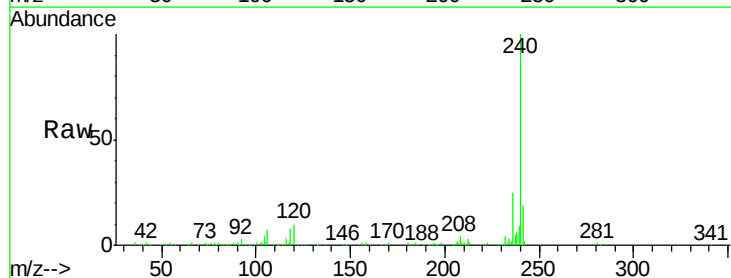
Tgt Ion:240 Resp: 225303

Ion Ratio Lower Upper

240 100

120 10.0 6.2 9.2#

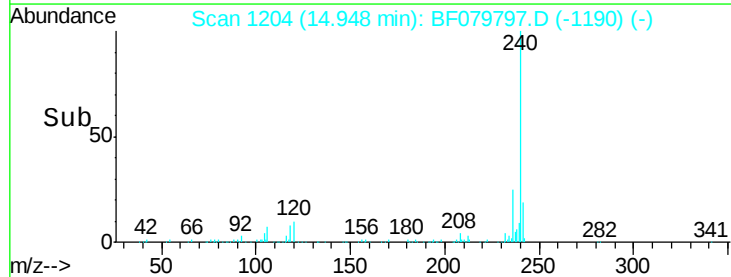
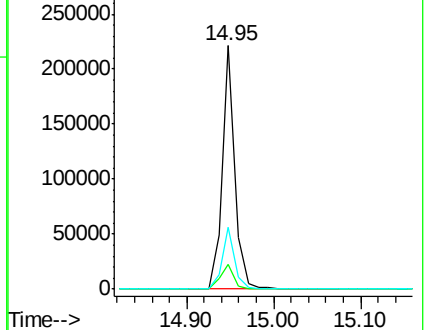
236 25.4 21.0 31.4

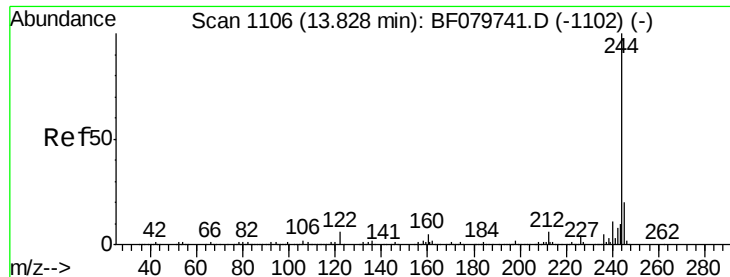


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.79 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

Instrument :

BNA_F

ClientSampleId :

PIER2-8(0-2)

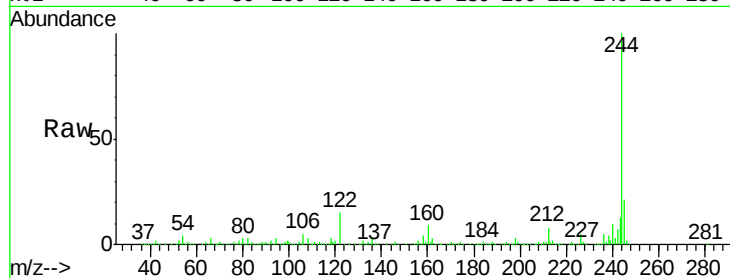
Tgt Ion:244 Resp: 932488

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

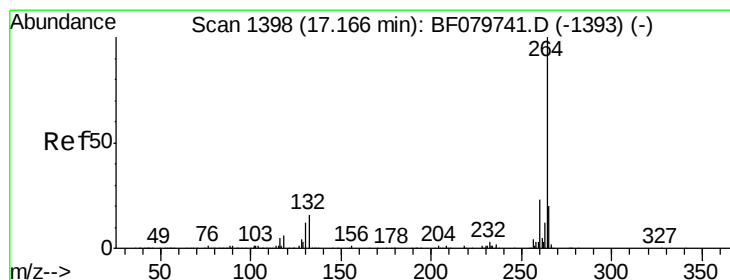
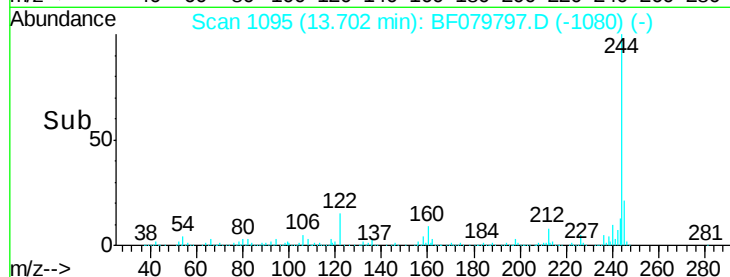
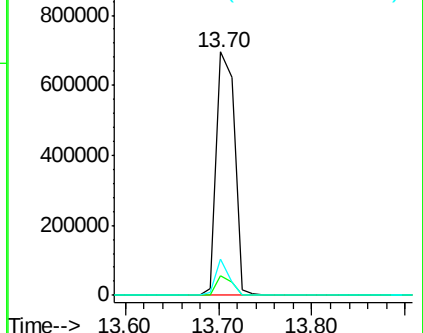
122 15.1 9.3 13.9#



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: 16.86 min Scan# 1371

Delta R.T. -0.05 min

Lab File: BF079797.D

Acq: 7 Jun 2015 6:43

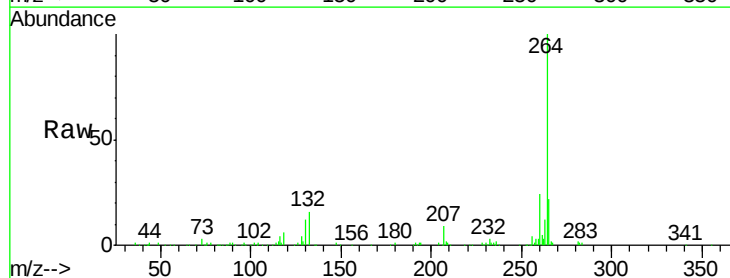
Tgt Ion:264 Resp: 199533

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.5 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

