

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
 Data File : BE090775.D
 Acq On : 10 Sep 2015 23:35
 Operator : UM/IZ
 Sample : G3599-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090415-D534-F-D-B

Quant Time: Sep 11 03:47:40 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

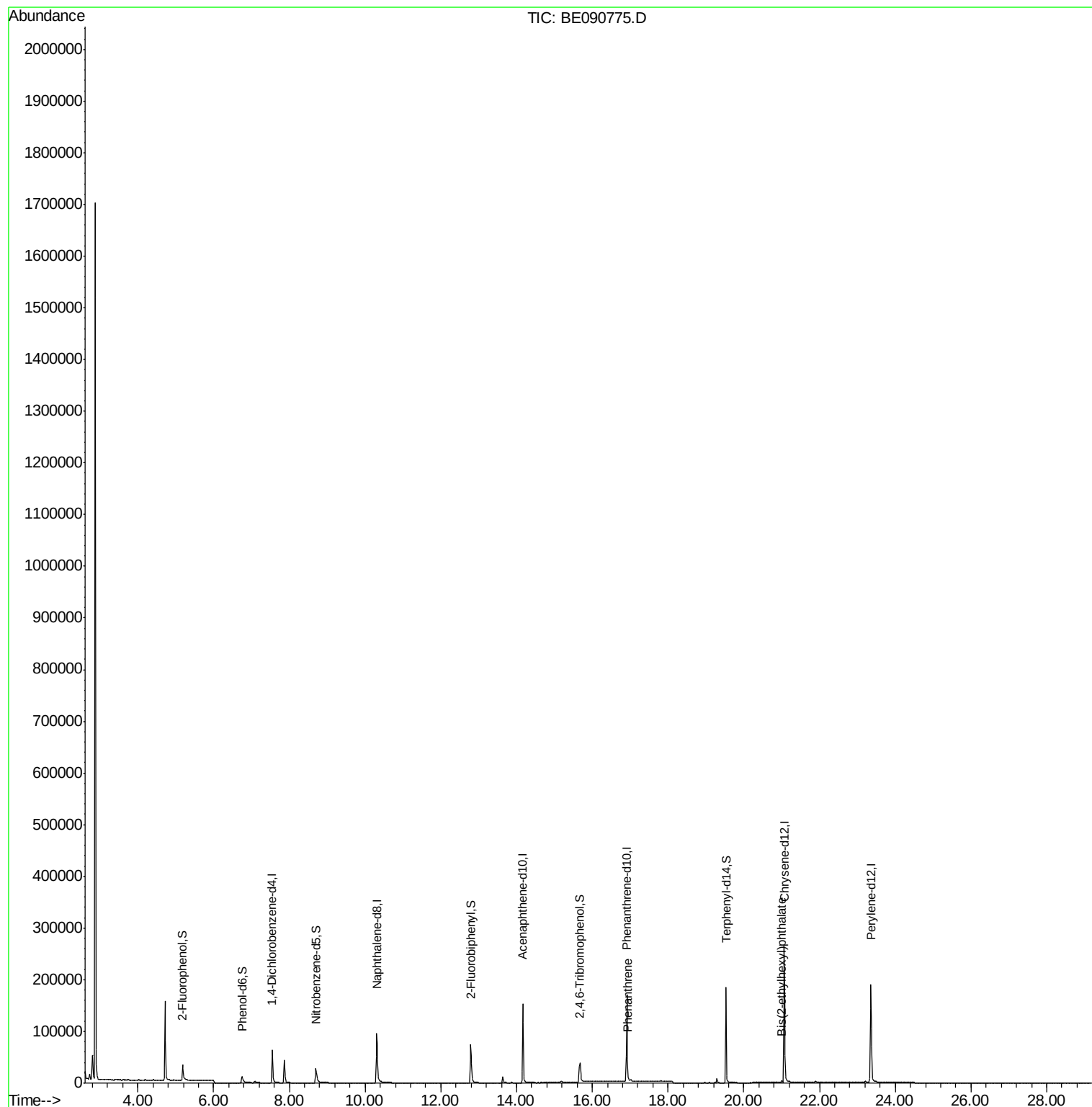
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	37175	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	167242	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	87800	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	225103	5.00	ng	0.00
25) Chrysene-d12	21.07	240	288413	5.00	ng	0.00
32) Perylene-d12	23.36	264	263649	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	28478	3.94	ng	0.00
5) Phenol-d6	6.75	99	27547	2.66	ng	0.00
7) Nitrobenzene-d5	8.71	82	45471	4.11	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	20899	8.11	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	102297	4.21	ng	0.00
27) Terphenyl-d14	19.53	244	185957	5.83	ng	-0.01
Target Compounds						
22) Phenanthrene	16.95	178	1367	0.02	ng	# 80
30) Bis(2-ethylhexyl)phthalate	21.00	149	4433	0.33	ng	# 88

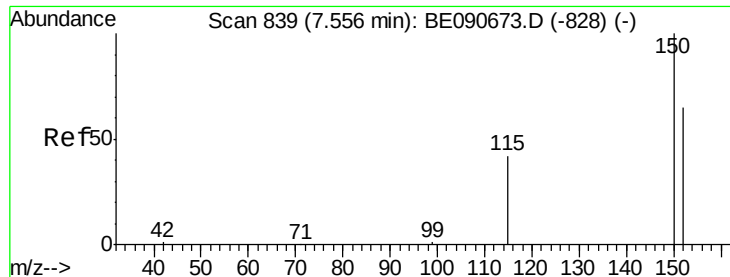
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

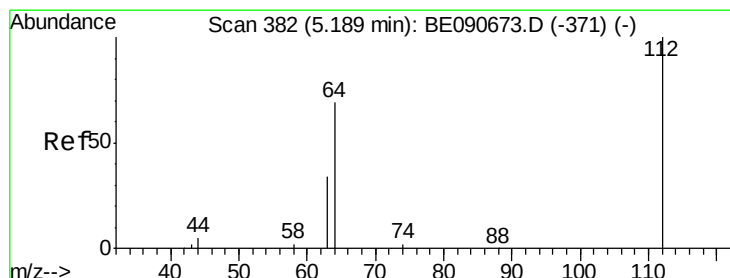
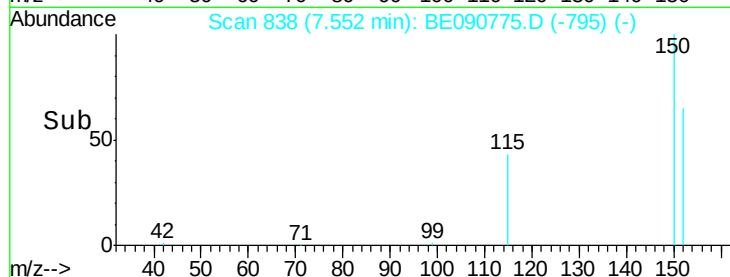
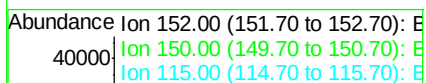
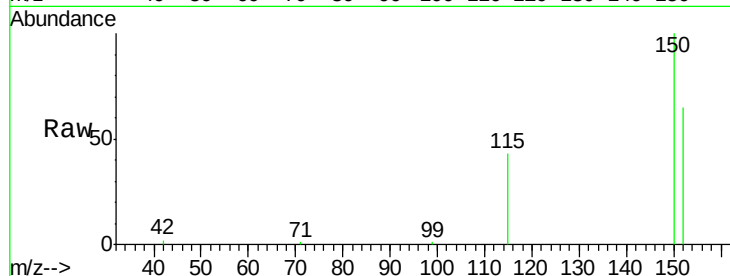
Tgt Ion:152 Resp: 37175

Ion Ratio Lower Upper

152 100

150 153.0 122.2 183.4

115 66.0 51.0 76.4



#4

2-Fluorophenol

Concen: 3.94 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

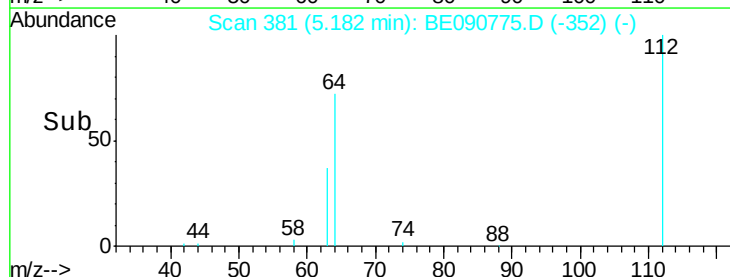
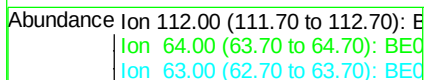
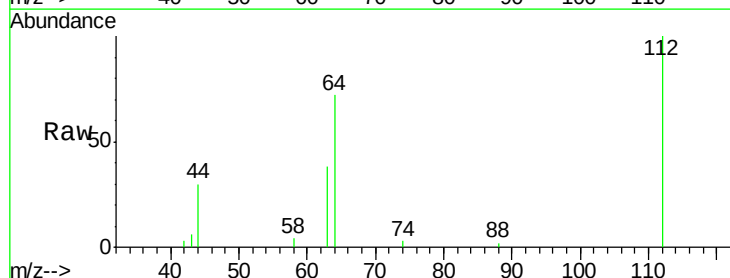
Tgt Ion:112 Resp: 28478

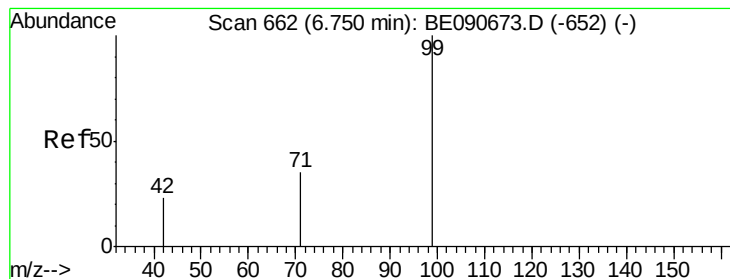
Ion Ratio Lower Upper

112 100

64 71.3 57.3 85.9

63 37.5 29.2 43.8





#5

Phenol-d6

Concen: 2.66 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

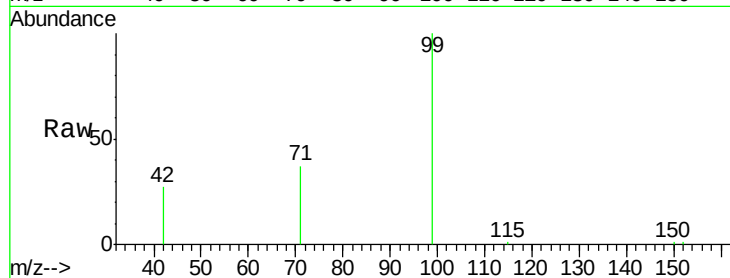
Tgt Ion: 99 Resp: 27547

Ion Ratio Lower Upper

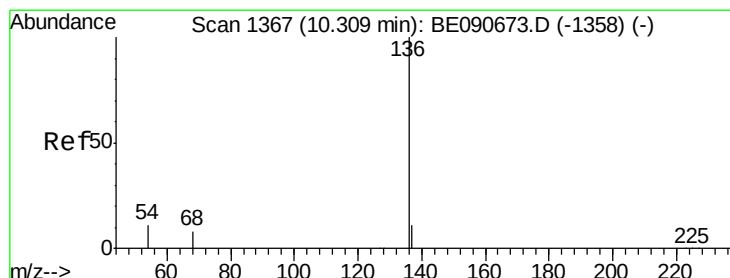
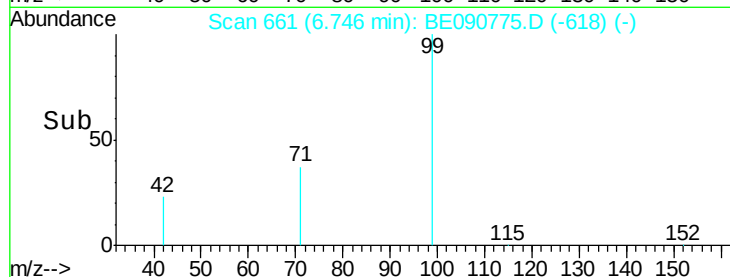
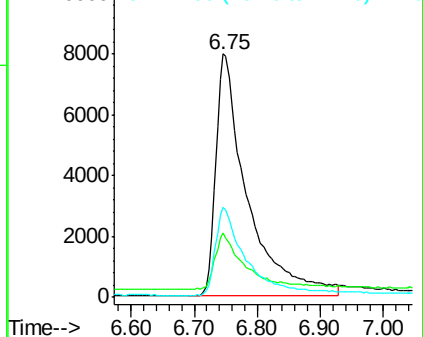
99 100

42 23.4 16.8 25.2

71 35.9 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Tgt Ion: 136 Resp: 167242

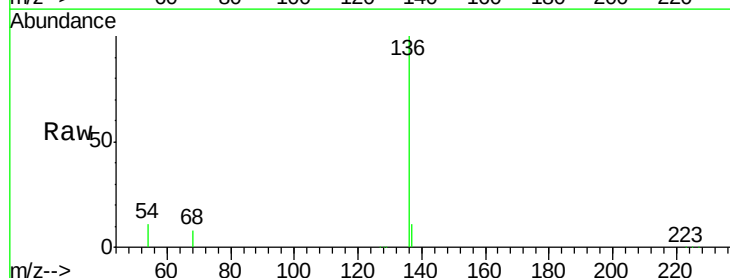
Ion Ratio Lower Upper

136 100

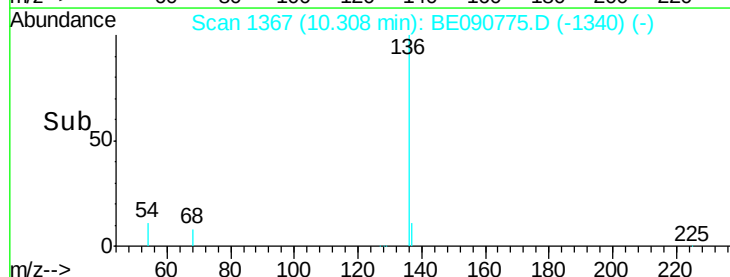
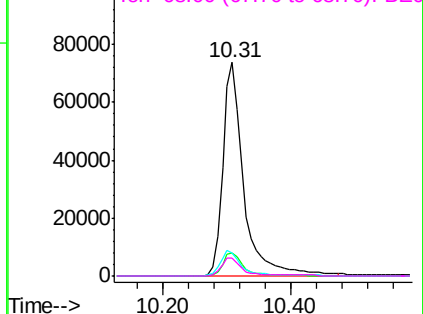
137 11.0 8.7 13.1

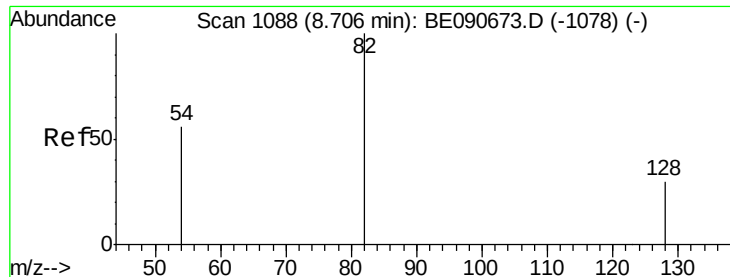
54 11.1 9.0 13.6

68 8.1 6.3 9.5



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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 4.11 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

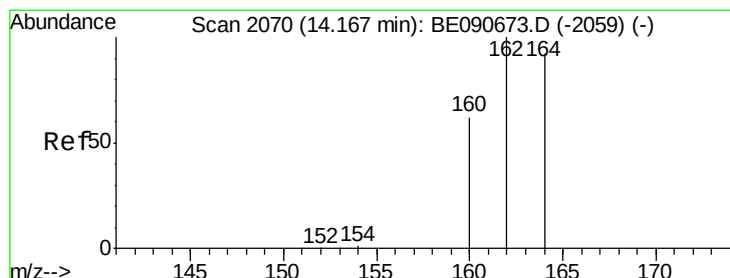
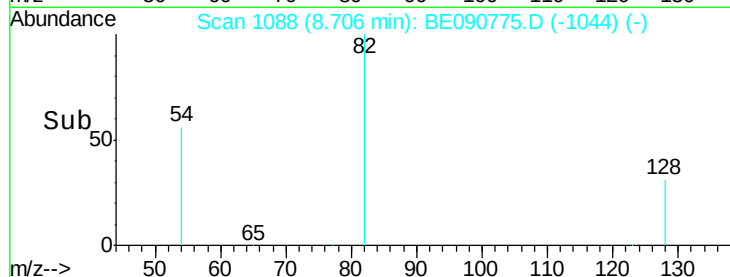
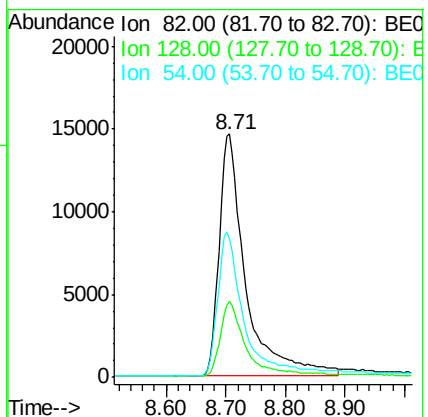
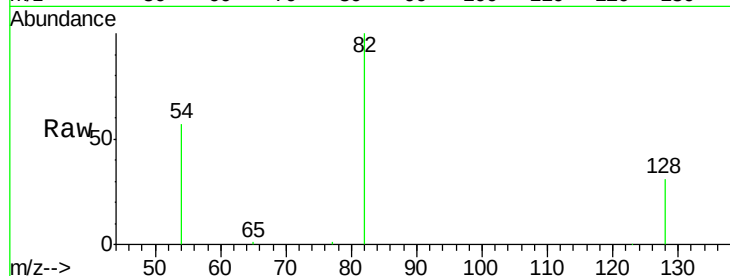
Tgt Ion: 82 Resp: 45471

Ion Ratio Lower Upper

82 100

128 31.0 25.0 37.4

54 56.8 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

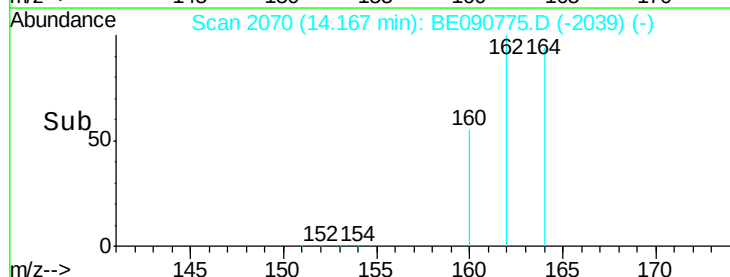
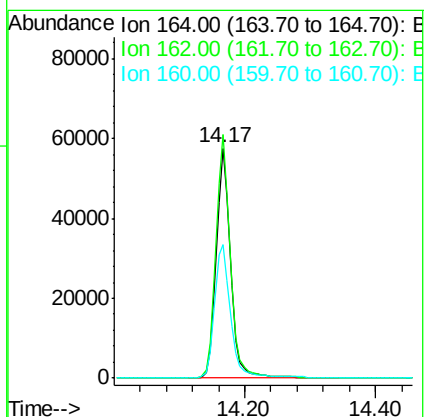
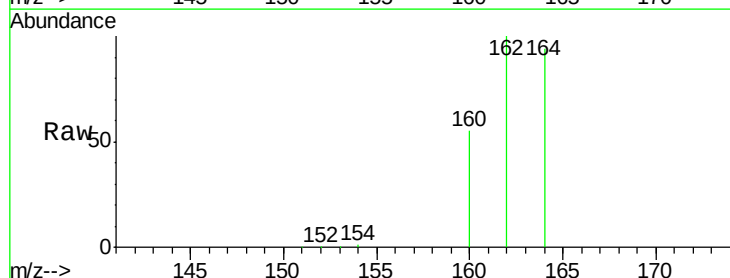
Tgt Ion: 164 Resp: 87800

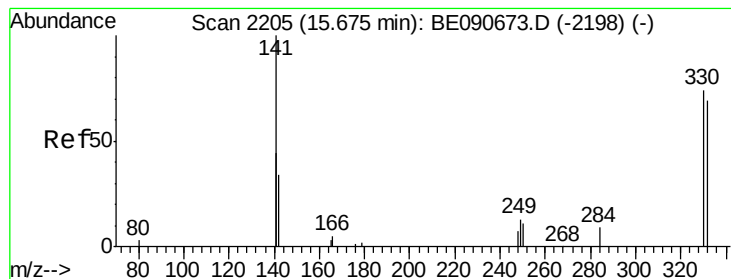
Ion Ratio Lower Upper

164 100

162 106.0 86.8 130.2

160 57.9 53.9 80.9





#13

2,4,6-Tribromophenol

Concen: 8.11 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

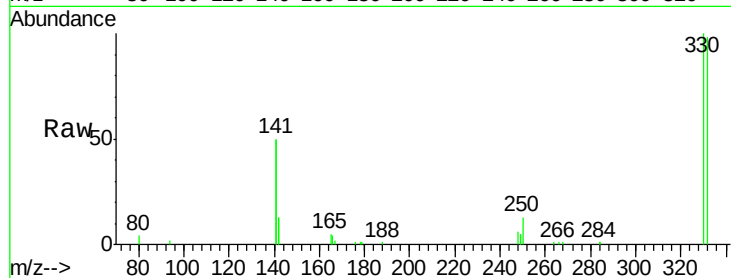
Tgt Ion:330 Resp: 20899

Ion Ratio Lower Upper

330 100

332 97.3 74.9 112.3

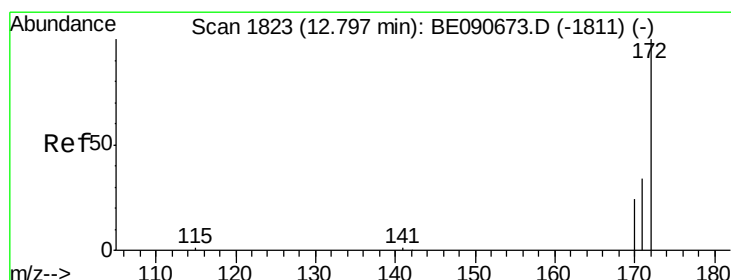
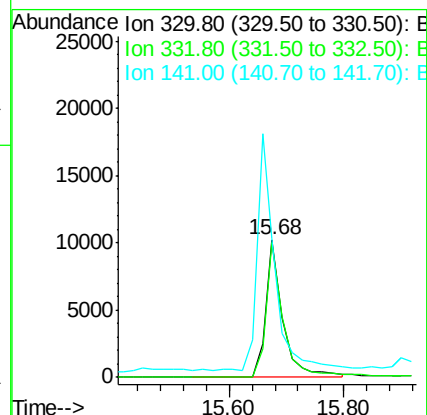
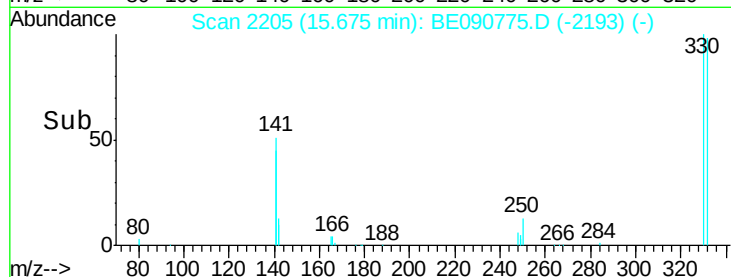
141 184.9 145.2 217.8



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



#14

2-Fluorobiphenyl

Concen: 4.21 ng

RT: 12.79 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

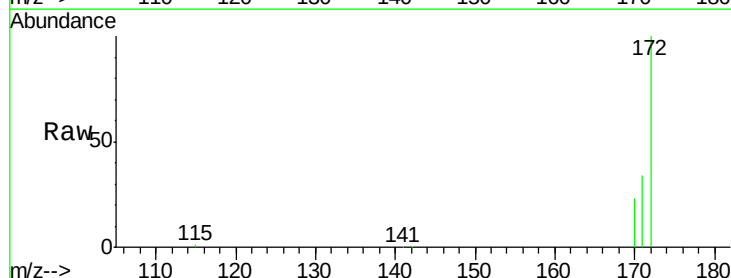
Tgt Ion:172 Resp: 102297

Ion Ratio Lower Upper

172 100

171 34.2 27.8 41.8

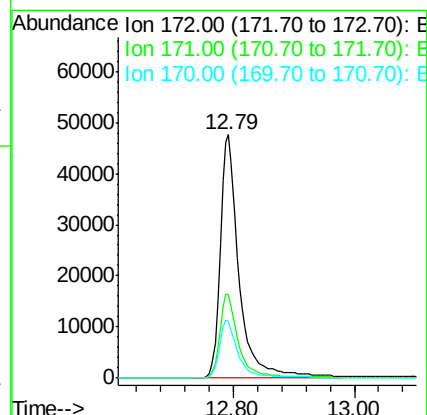
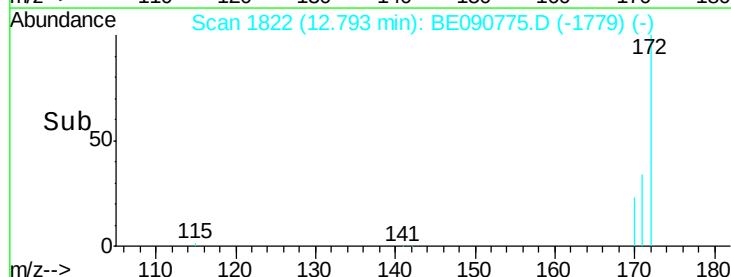
170 23.3 19.8 29.6

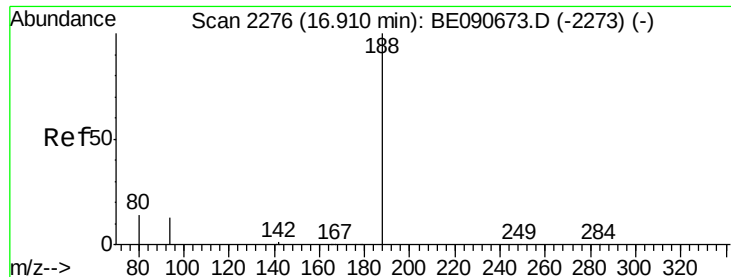


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

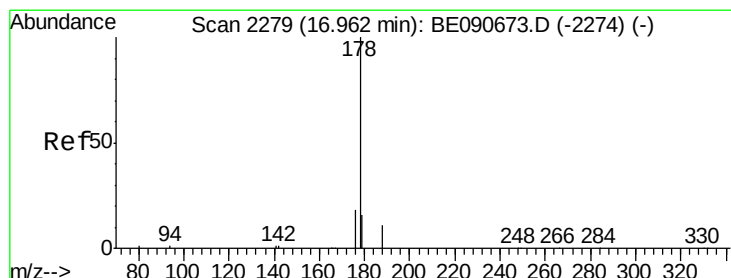
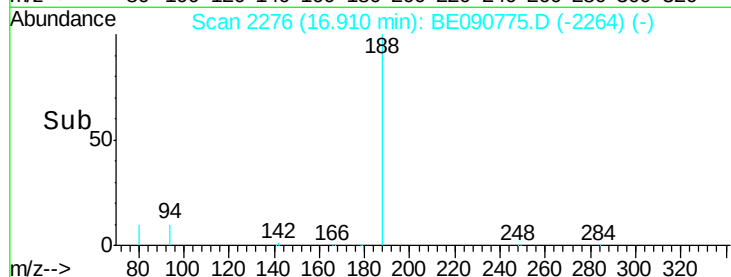
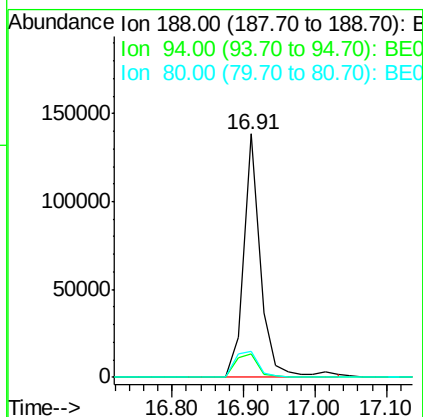
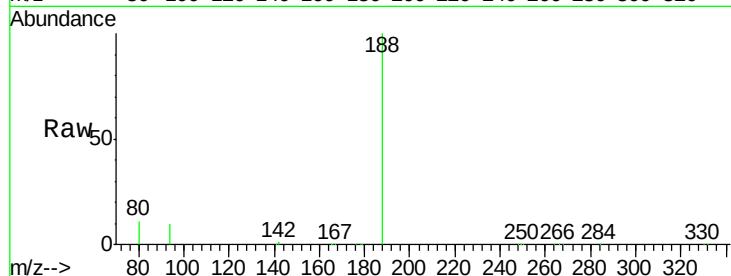




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090775.D
Acq: 10 Sep 2015 23:35

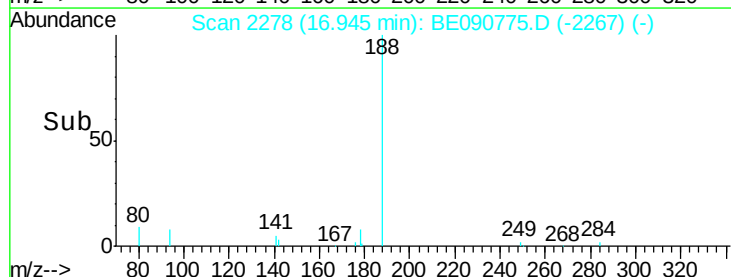
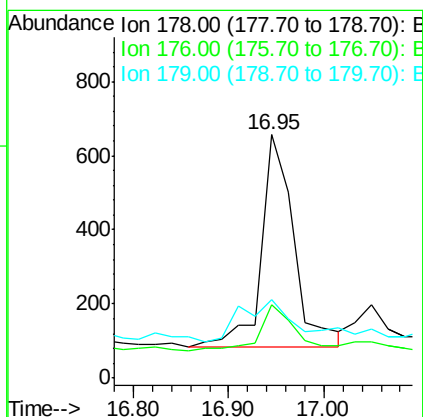
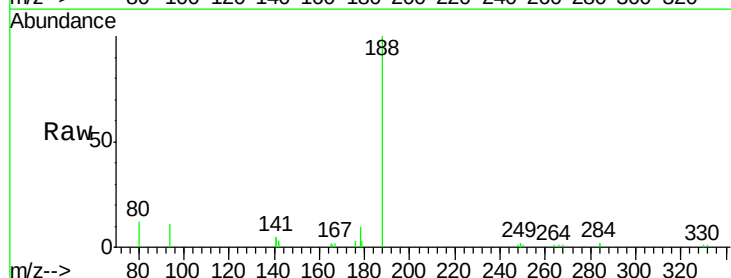
Instrument :
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090415-D534-F-D-B

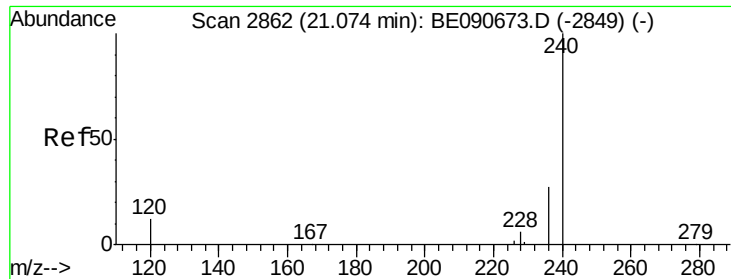
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	10.3	15.5#
80	10.6	11.0	16.6#



#22
Phenanthrene
Concen: 0.02 ng
RT: 16.95 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090775.D
Acq: 10 Sep 2015 23:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	15.6	23.4
179	31.5	12.8	19.2#

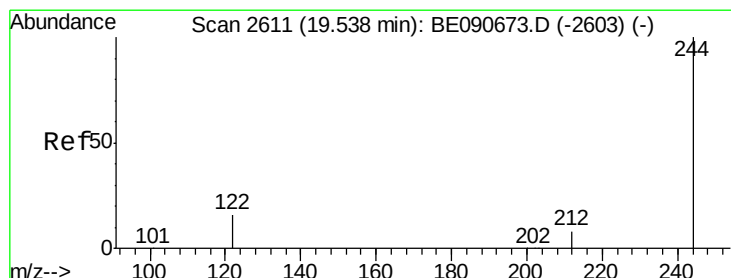
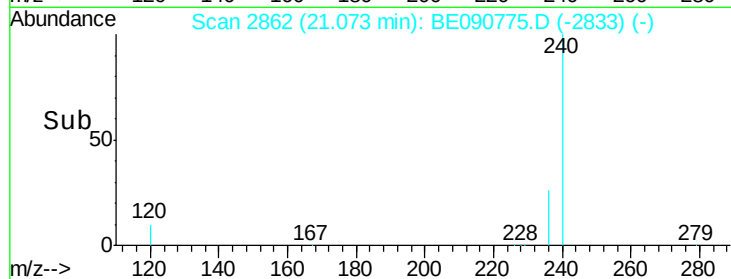
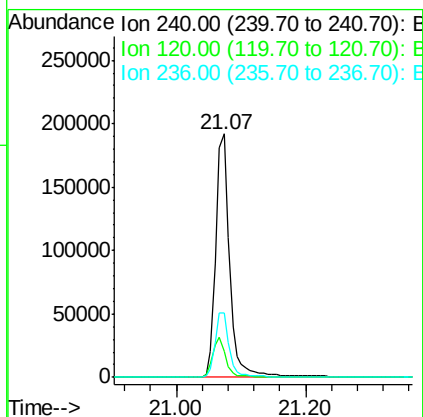
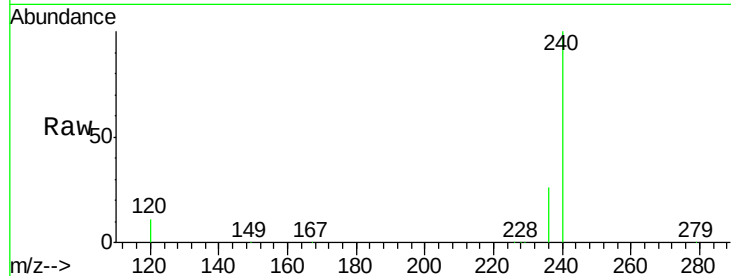




#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090775.D
 Acq: 10 Sep 2015 23:35

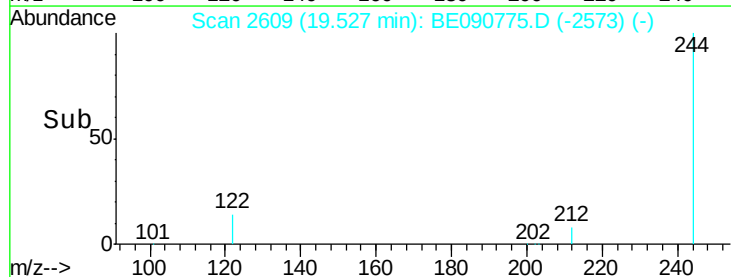
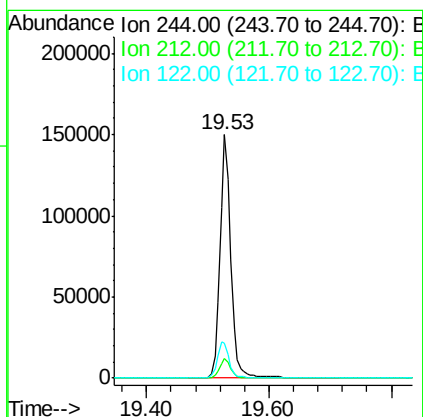
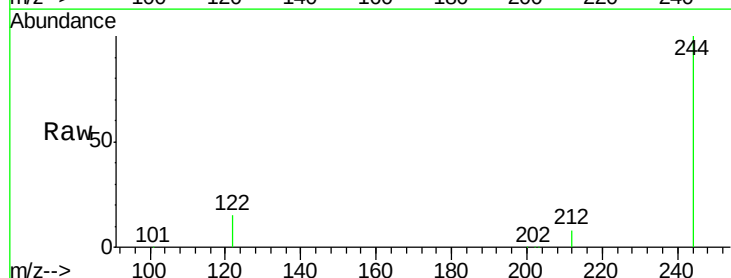
Instrument :
 BNA_E
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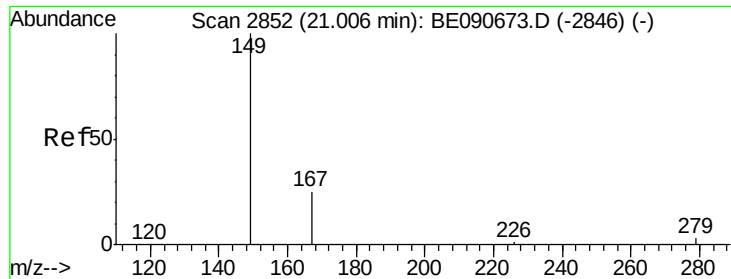
Tgt Ion:240 Resp: 288413
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.1 15.1
 236 26.4 21.9 32.9



#27
 Terphenyl-d14
 Concen: 5.83 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090775.D
 Acq: 10 Sep 2015 23:35

Tgt Ion:244 Resp: 185957
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 14.6 12.9 19.3





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

Instrument :

BNA_E

ClientSampleId :

090415-D534-F-D-B

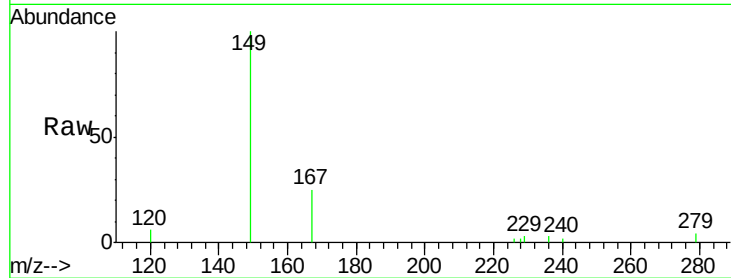
Tgt Ion:149 Resp: 4433

Ion Ratio Lower Upper

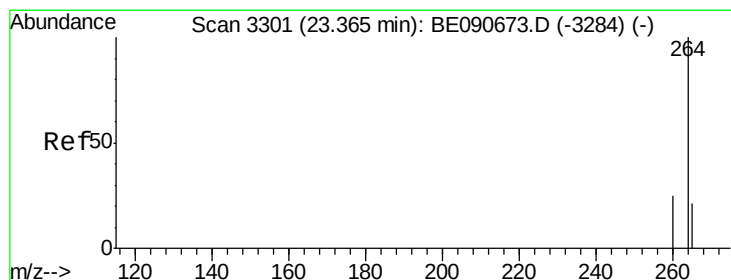
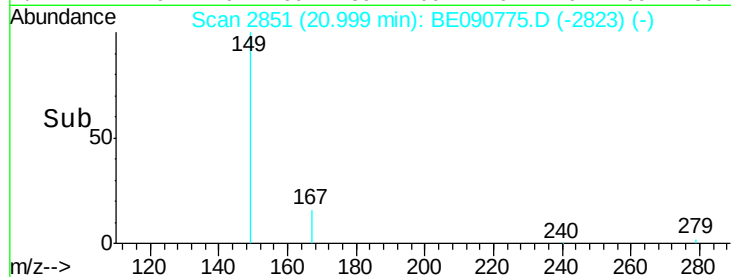
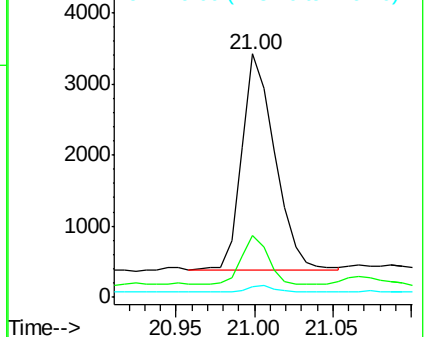
149 100

167 18.7 20.1 30.1#

279 2.5 2.3 3.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.01 min

Lab File: BE090775.D

Acq: 10 Sep 2015 23:35

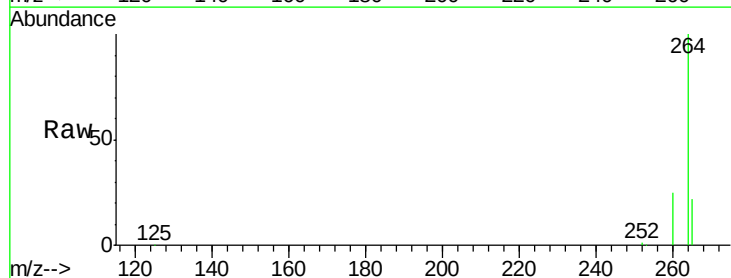
Tgt Ion:264 Resp: 263649

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.9 17.5 26.3



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

