

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121517\
 Data File : BE094998.D
 Acq On : 15 Dec 2017 12:52
 Operator : SJ/JU
 Sample : PB104984BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104984BL

Quant Time: Dec 15 19:20:08 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	7526	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15508	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	7882	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	18325	0.40	ng	0.00
27) Chrysene-d12	21.89	240	19584	0.40	ng	0.02
34) Perylene-d12	24.56	264	15821	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	3475	0.30	ng	0.00
5) Phenol-d6	7.59	99	4808	0.28	ng	0.00
8) Nitrobenzene-d5	9.65	82	4405	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	7549	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	492	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	11919	0.34	ng	0.01
25) Fluoranthene-d10	19.76	212	74347	0.31	ng	0.00
29) Terphenyl-d14	20.31	244	14145	0.38	ng	0.00

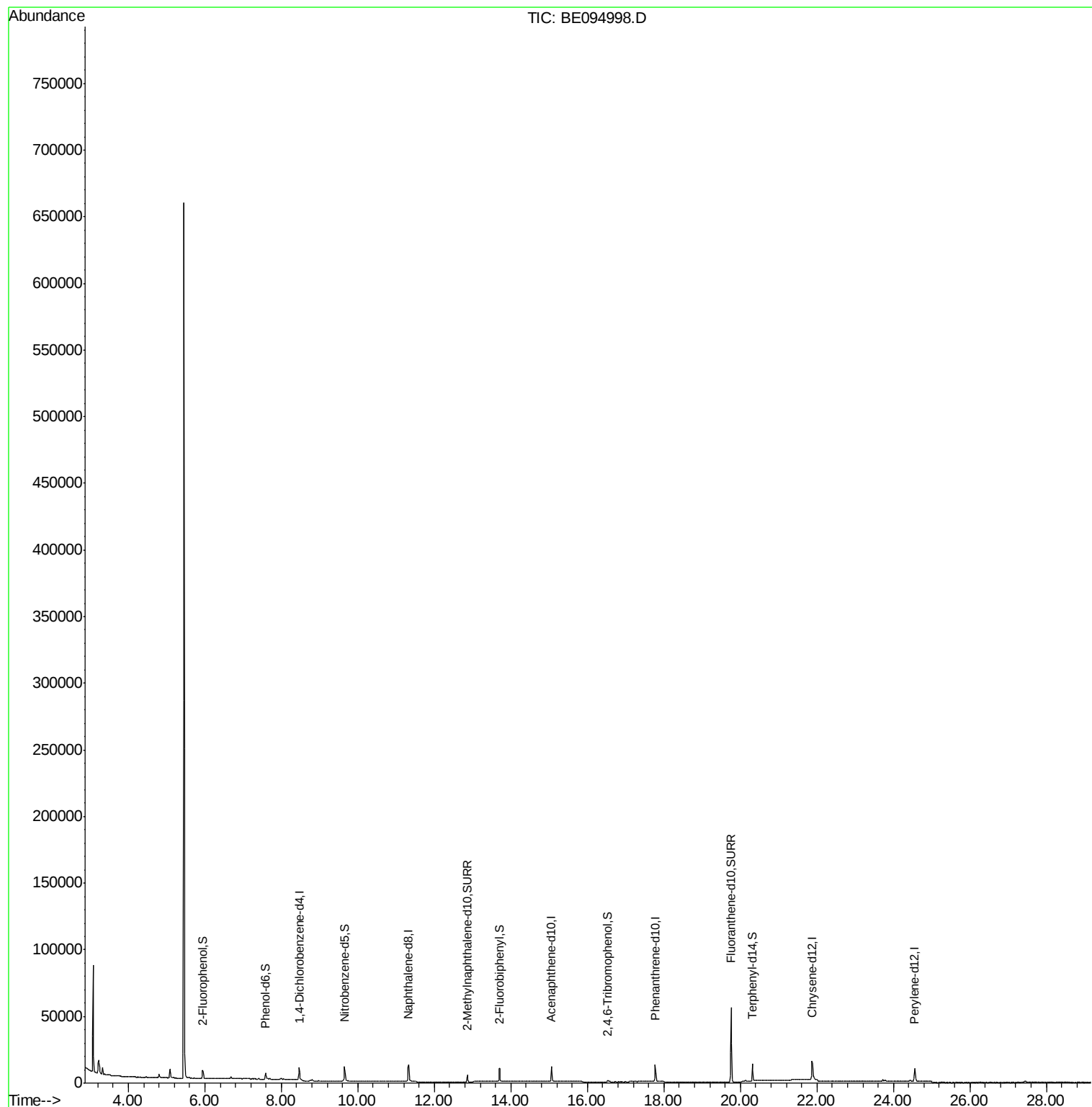
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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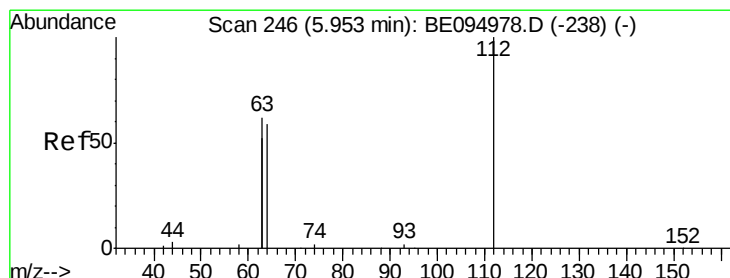
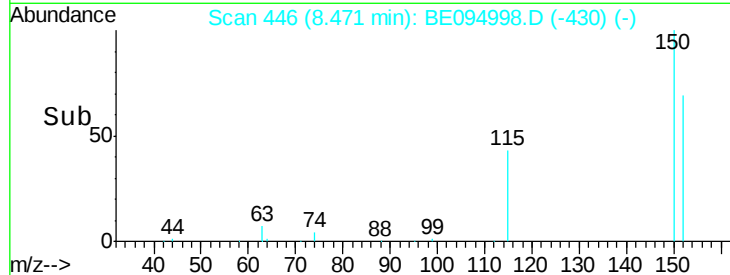
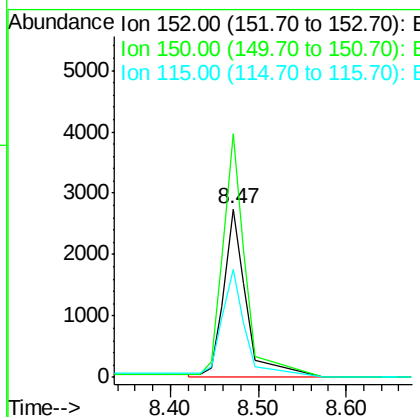
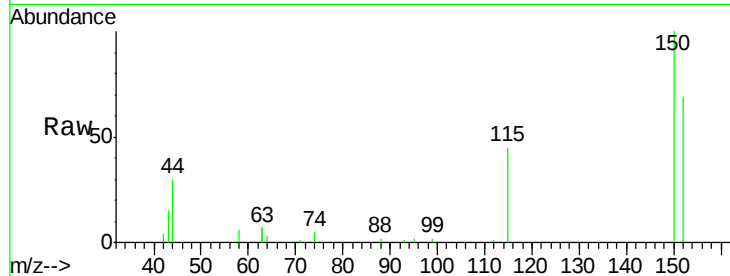




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.47 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BE094998.D
 Acq: 15 Dec 2017 12:52

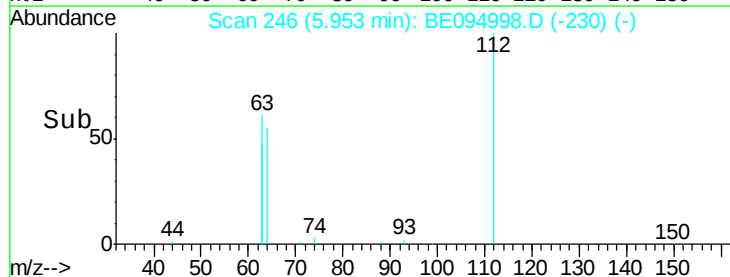
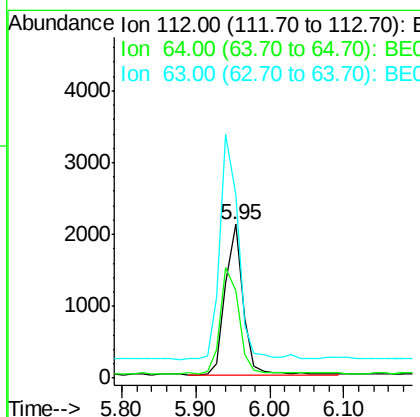
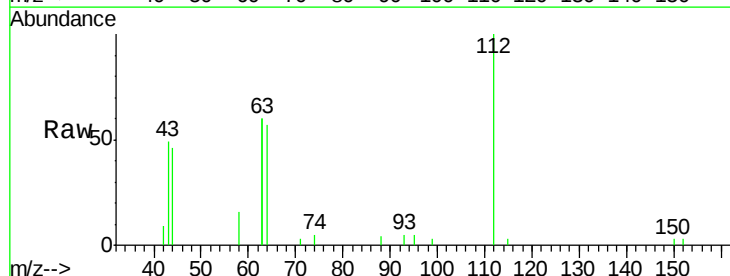
Instrument :
 BNA_E
 ClientSampleId :
 PB104984BL

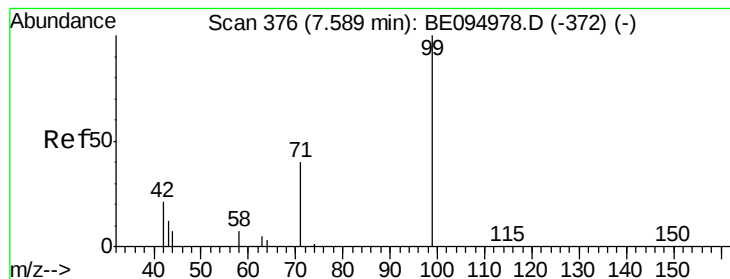
Tgt Ion:152 Resp: 7526
 Ion Ratio Lower Upper
 152 100
 150 144.5 117.2 175.8
 115 64.4 57.0 85.6



#4
 2-Fluorophenol
 Concen: 0.297 ng
 RT: 5.95 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BE094998.D
 Acq: 15 Dec 2017 12:52

Tgt Ion:112 Resp: 3475
 Ion Ratio Lower Upper
 112 100
 64 74.8 60.1 90.1
 63 153.9 116.8 175.2





#5

Phenol-d6

Concen: 0.277 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

Instrument :

BNA_E

ClientSampleId :

PB104984BL

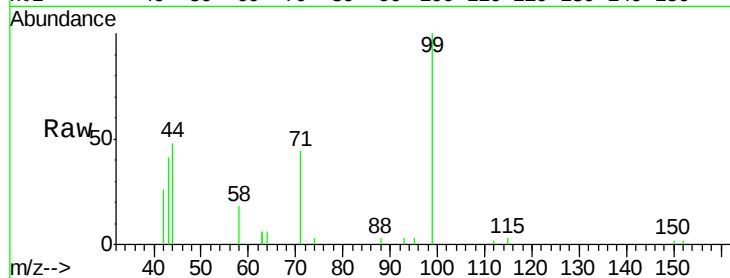
Tgt Ion: 99 Resp: 4808

Ion Ratio Lower Upper

99 100

42 22.9 20.2 30.2

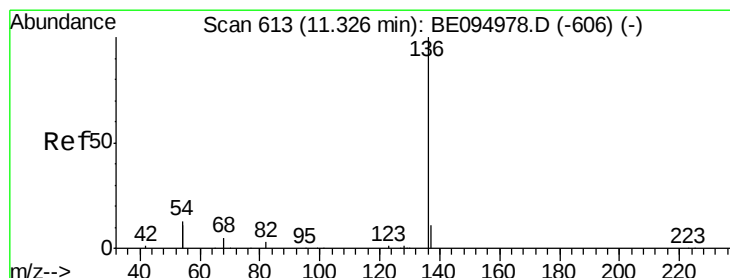
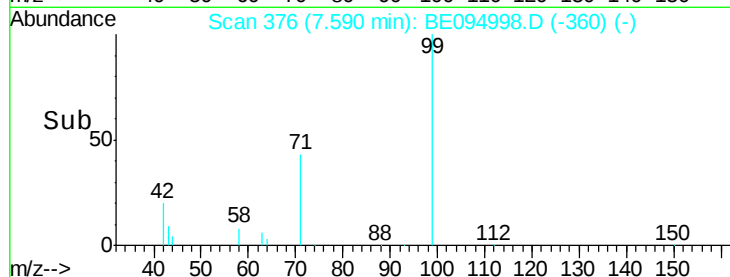
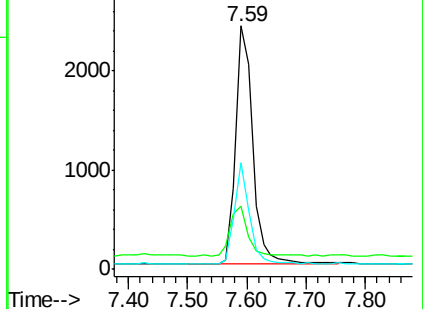
71 37.8 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

Tgt Ion: 136 Resp: 15508

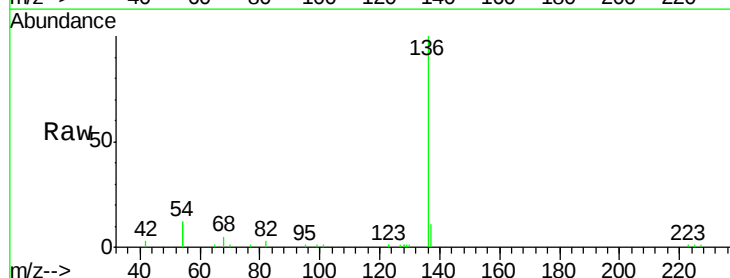
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 23.2 29.1 43.7#

68 5.3 6.2 9.2#

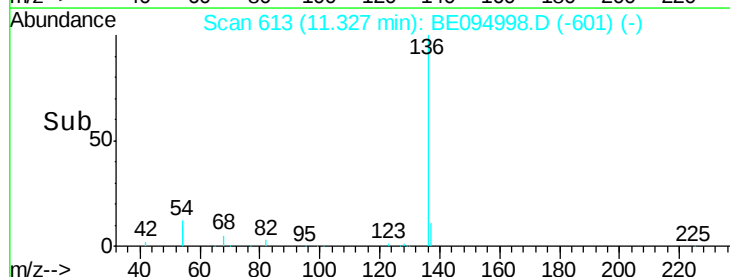
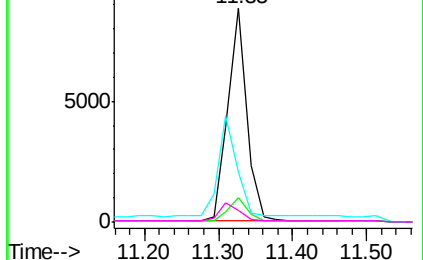


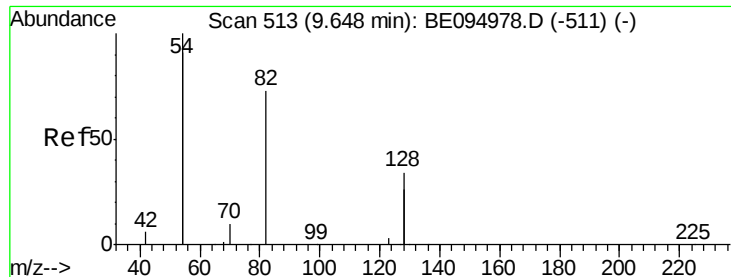
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

Instrument :

BNA_E

ClientSampleId :

PB104984BL

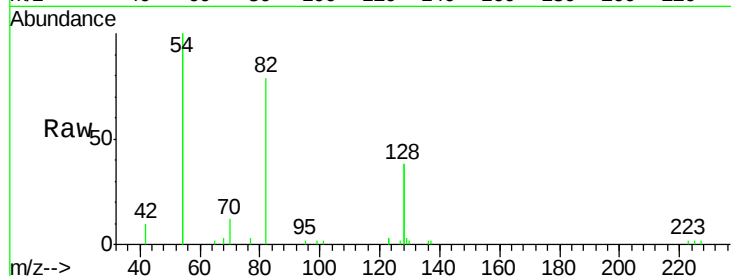
Tgt Ion: 82 Resp: 4405

Ion Ratio Lower Upper

82 100

128 96.2 150.0 225.0#

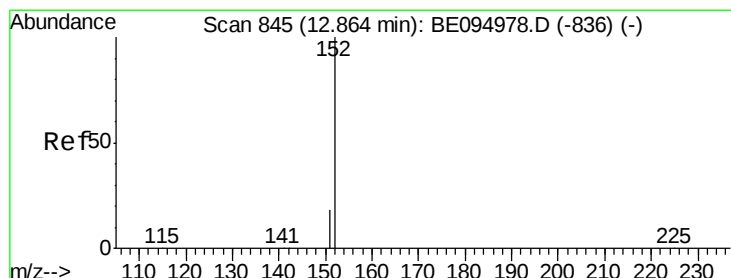
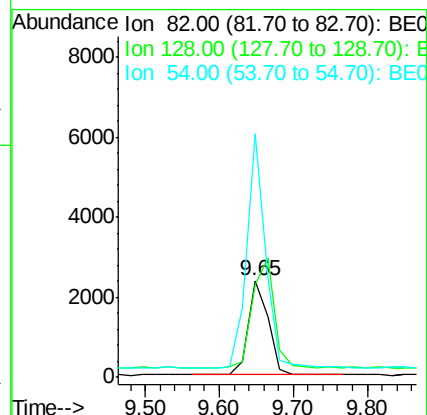
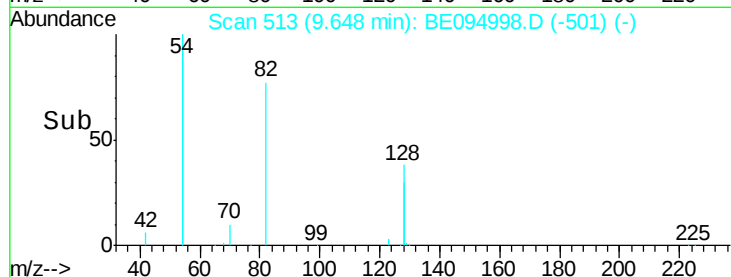
54 251.7 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094998.D (-501) (-)

Ion 128.00 (127.70 to 128.70): BE094998.D (-501) (-)

Ion 54.00 (53.70 to 54.70): BE094998.D (-501) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.297 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE094998.D

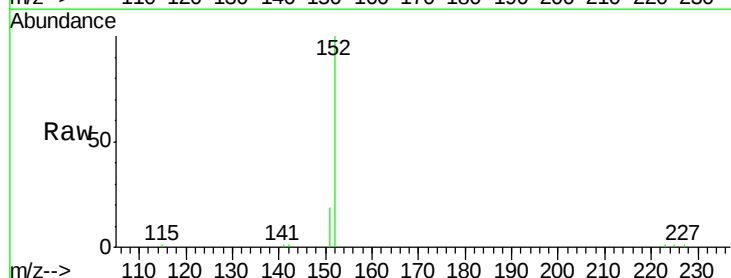
Acq: 15 Dec 2017 12:52

Tgt Ion: 152 Resp: 7549

Ion Ratio Lower Upper

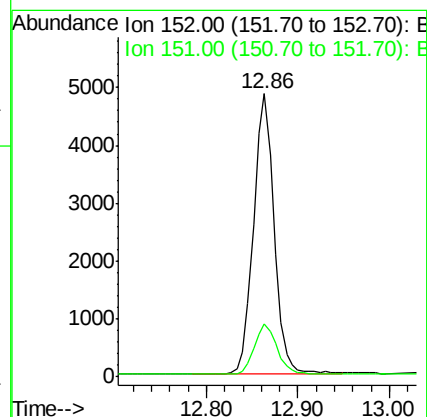
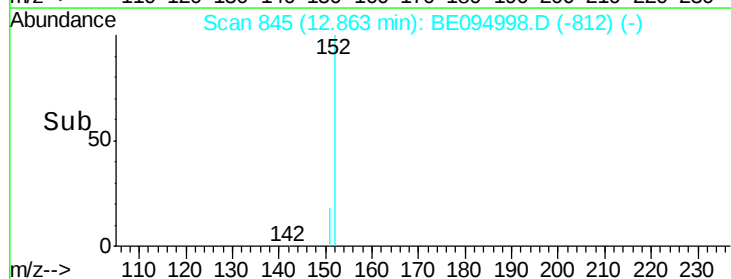
152 100

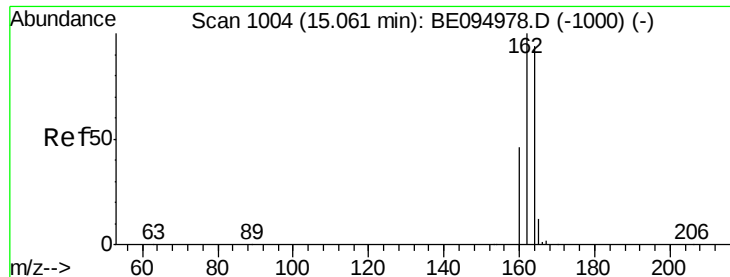
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094998.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE094998.D (-812) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

Instrument :

BNA_E

ClientSampleId :

PB104984BL

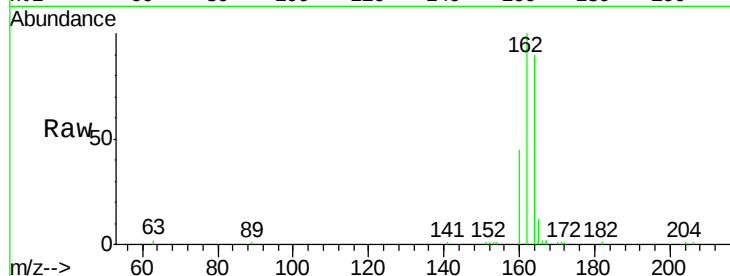
Tgt Ion:164 Resp: 7882

Ion Ratio Lower Upper

164 100

162 111.7 83.1 124.7

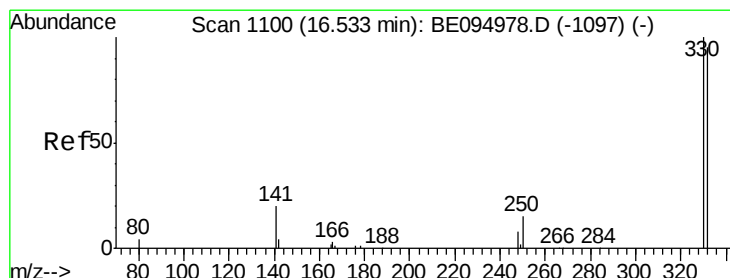
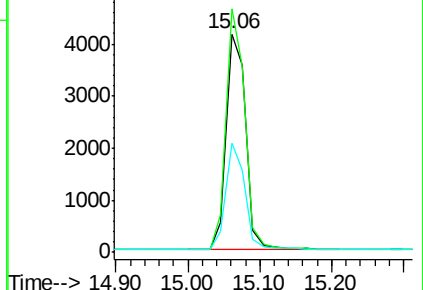
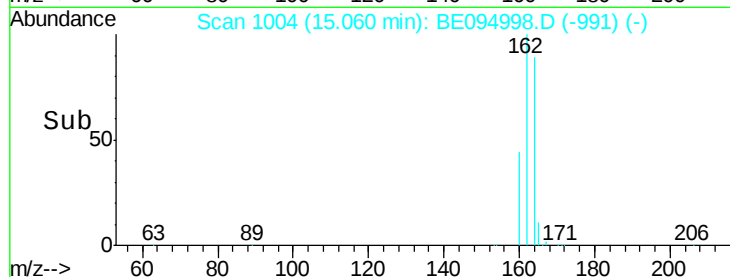
160 50.2 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.269 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

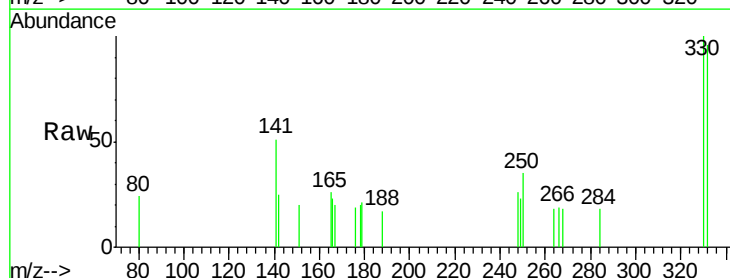
Tgt Ion:330 Resp: 492

Ion Ratio Lower Upper

330 100

332 95.7 152.7 229.1#

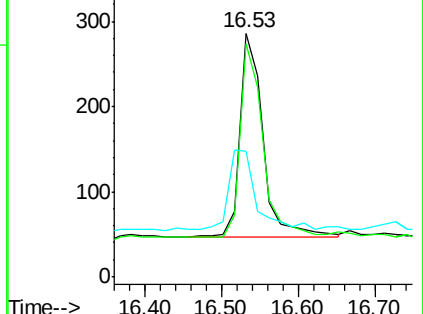
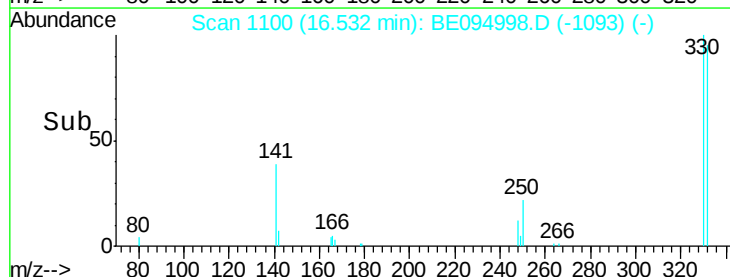
141 47.8 33.7 50.5

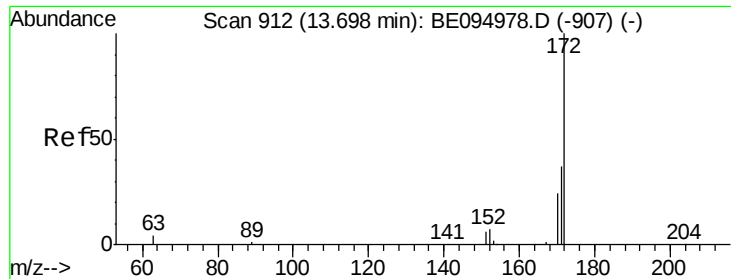


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

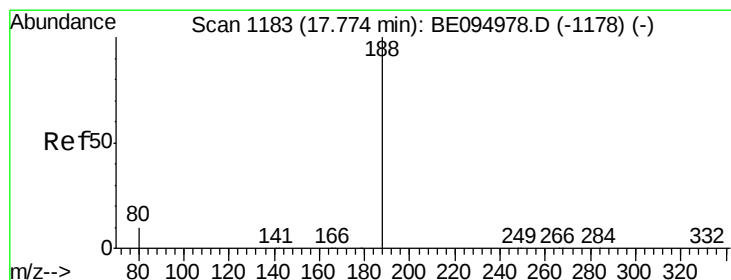
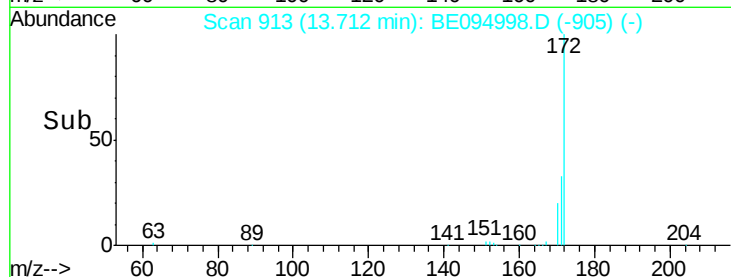
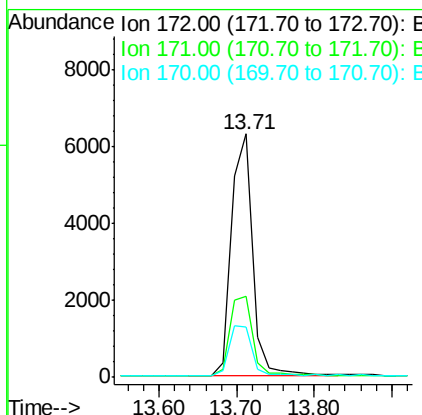
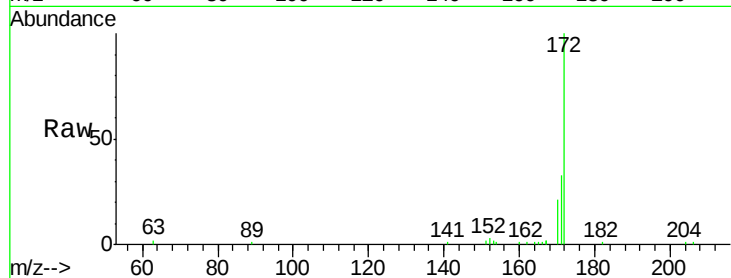




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.01 min
Lab File: BE094998.D
Acq: 15 Dec 2017 12:52

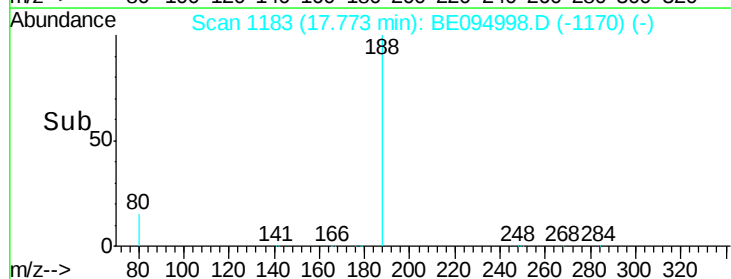
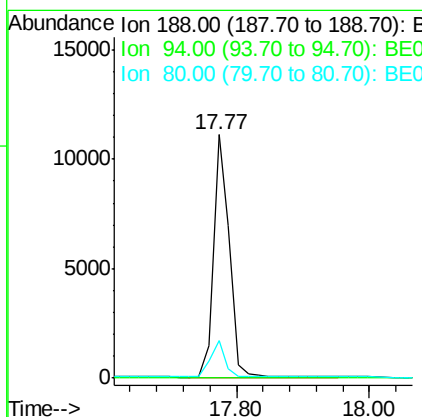
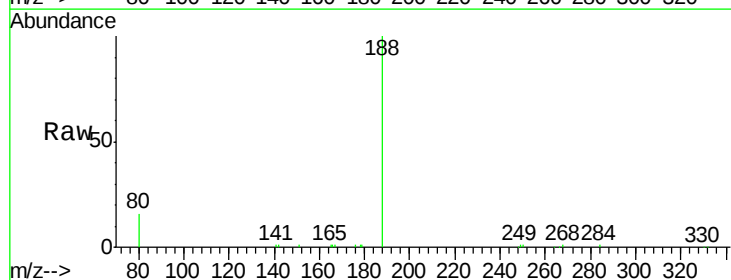
Instrument :
BNA_E
ClientSampleId :
PB104984BL

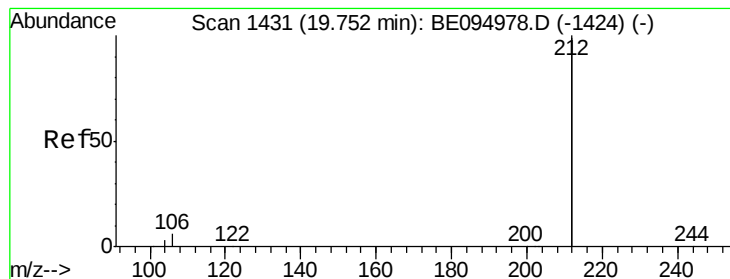
Tgt Ion:172 Resp: 11919
Ion Ratio Lower Upper
172 100
171 33.4 29.9 44.9
170 20.9 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094998.D
Acq: 15 Dec 2017 12:52

Tgt Ion:188 Resp: 18325
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 15.5 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

Instrument :

BNA_E

ClientSampleId :

PB104984BL

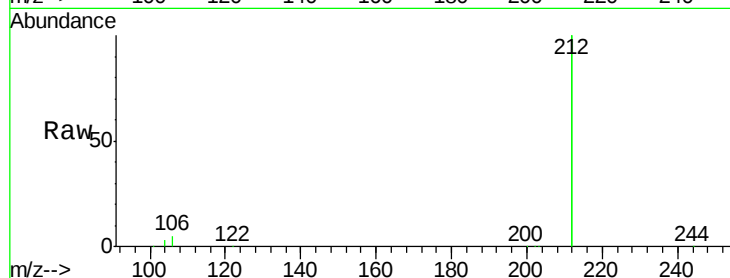
Tgt Ion:212 Resp: 74347

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

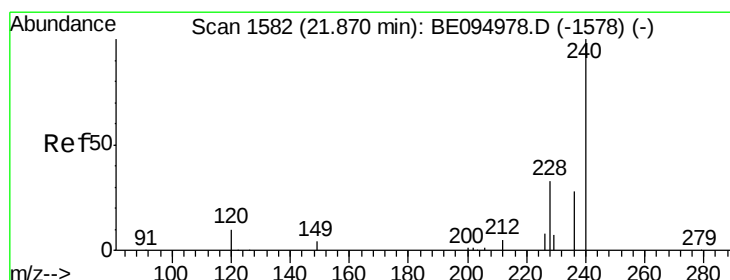
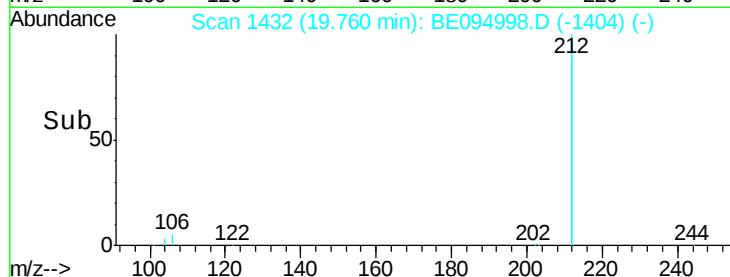
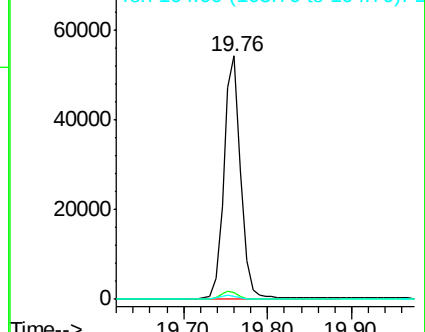
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.89 min Scan# 1583

Delta R.T. 0.02 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

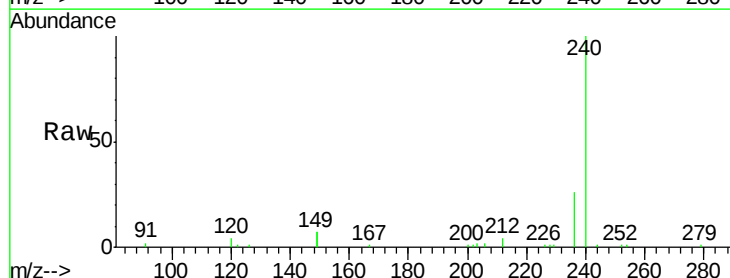
Tgt Ion:240 Resp: 19584

Ion Ratio Lower Upper

240 100

120 4.3 5.5 8.3#

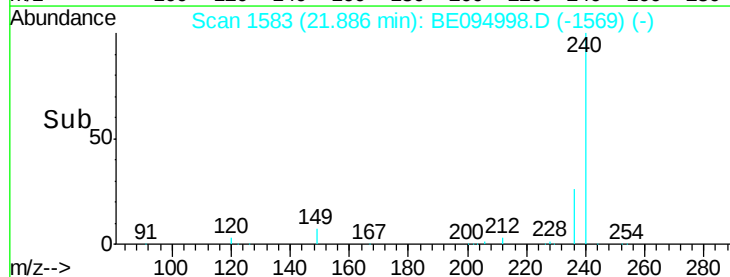
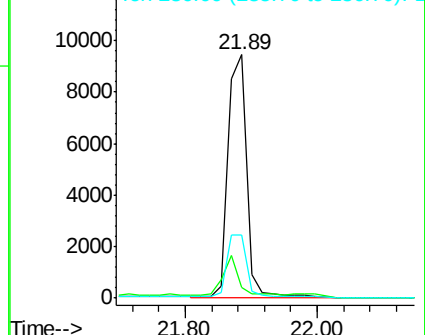
236 26.2 20.7 31.1

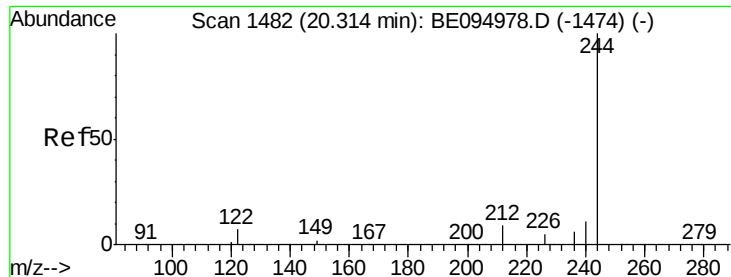


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 20.31 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

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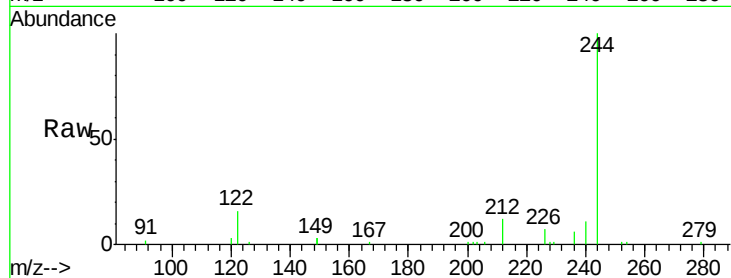
Tgt Ion:244 Resp: 14145

Ion Ratio Lower Upper

244 100

212 12.3 25.4 38.0#

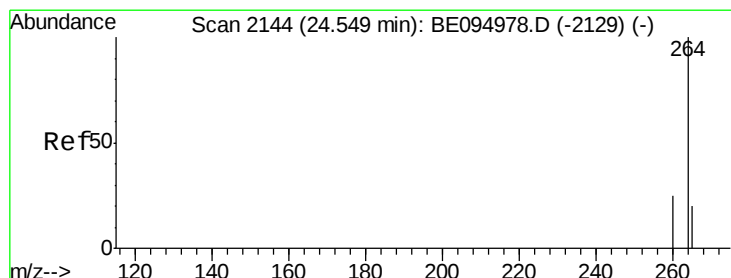
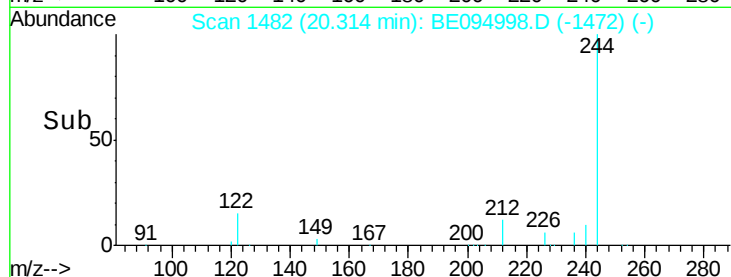
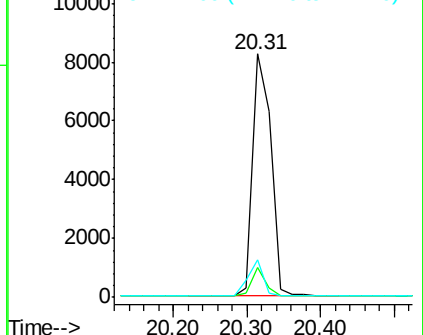
122 15.7 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.56 min Scan# 2147

Delta R.T. 0.01 min

Lab File: BE094998.D

Acq: 15 Dec 2017 12:52

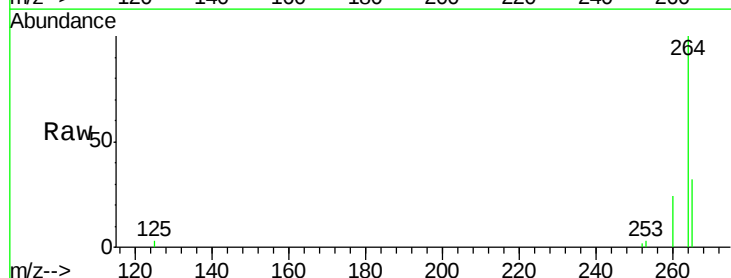
Tgt Ion:264 Resp: 15821

Ion Ratio Lower Upper

264 100

260 24.0 20.5 30.7

265 31.7 22.8 34.2



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

