

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021318\
 Data File : BE095668.D
 Acq On : 12 Feb 2018 19:08
 Operator : SJ/JU
 Sample : PB106445BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB106445BL

Quant Time: Feb 13 04:19:04 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1042	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	3901	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	2158	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5037	0.40	ng	0.00
27) Chrysene-d12	21.79	240	5187	0.40	ng	0.00
34) Perylene-d12	24.43	264	5030	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1171	0.37	ng	0.00
5) Phenol-d6	7.56	99	1508	0.35	ng	0.00
8) Nitrobenzene-d5	9.62	82	1413	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2411	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	233	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	3394	0.36	ng	-0.02
25) Fluoranthene-d10	19.69	212	24055	0.36	ng	0.00
29) Terphenyl-d14	20.25	244	3825	0.35	ng	0.00

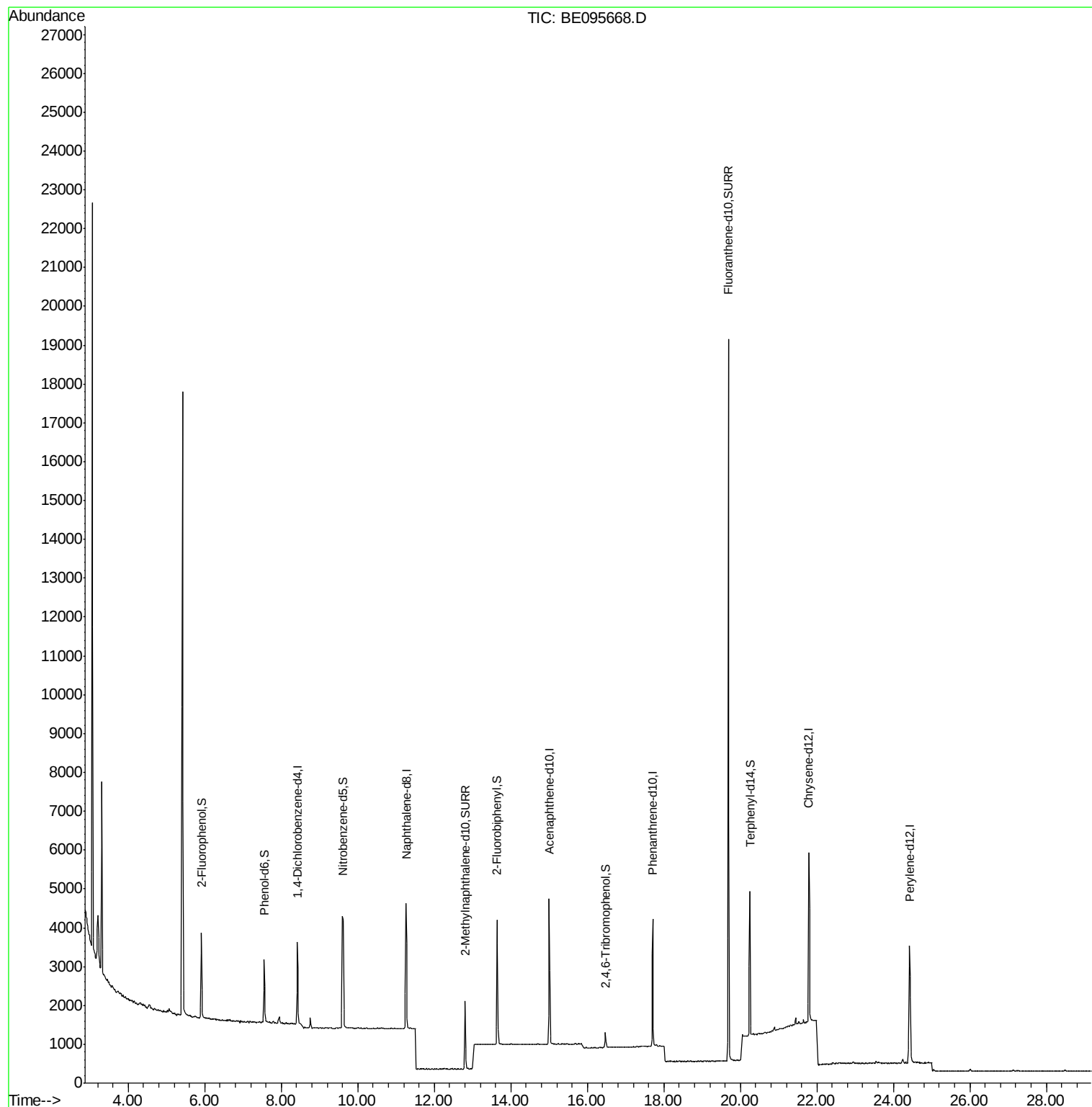
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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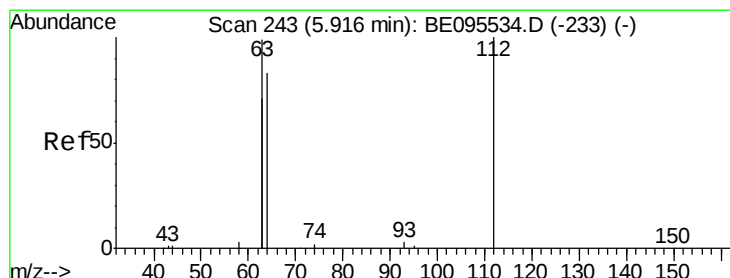
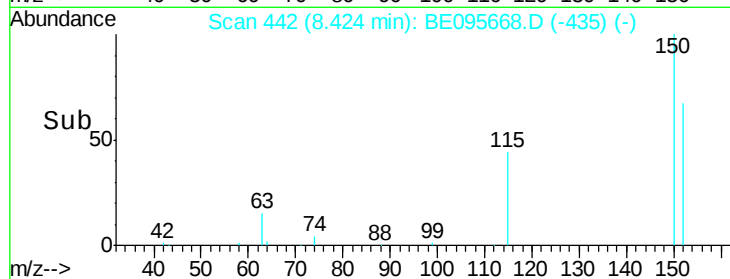
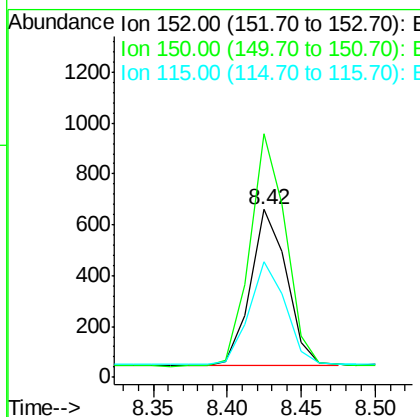
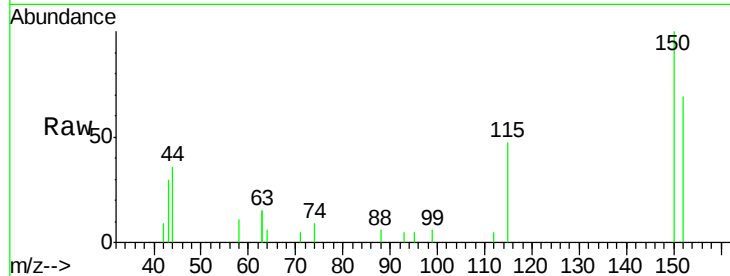




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 8.42 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: BE095668.D
 Acq: 12 Feb 2018 19:08

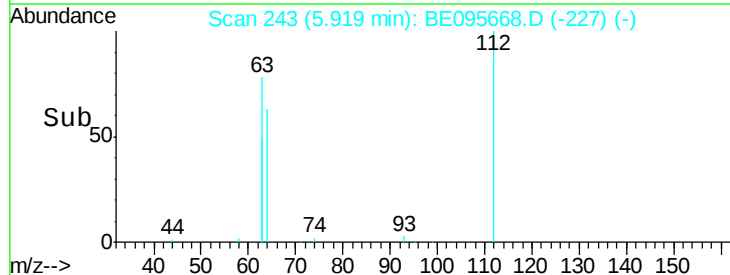
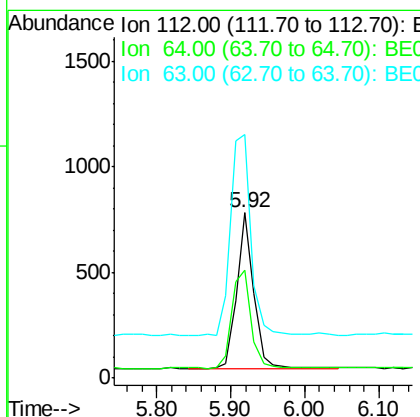
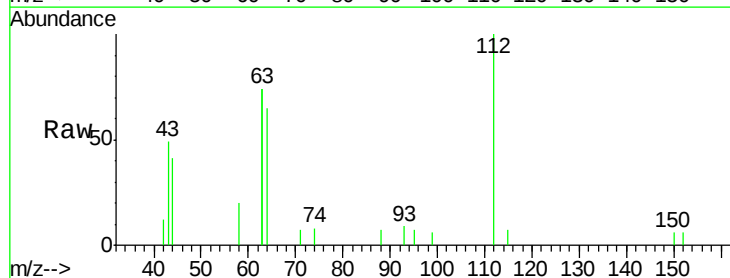
Instrument :
 BNA_E
 ClientSampleId :
 PB106445BL

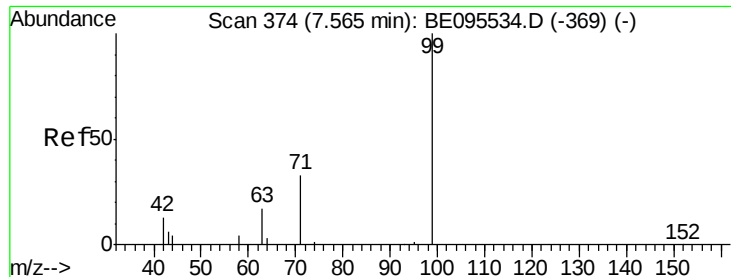
Tgt Ion:152 Resp: 1042
 Ion Ratio Lower Upper
 152 100
 150 145.2 117.2 175.8
 115 68.6 57.0 85.6



#4
 2-Fluorophenol
 Concen: 0.37 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095668.D
 Acq: 12 Feb 2018 19:08

Tgt Ion:112 Resp: 1171
 Ion Ratio Lower Upper
 112 100
 64 72.2 60.1 90.1
 63 155.3 116.8 175.2





#5

Phenol-d6

Concen: 0.35 ng

RT: 7.56 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

Instrument :

BNA_E

ClientSampleId :

PB106445BL

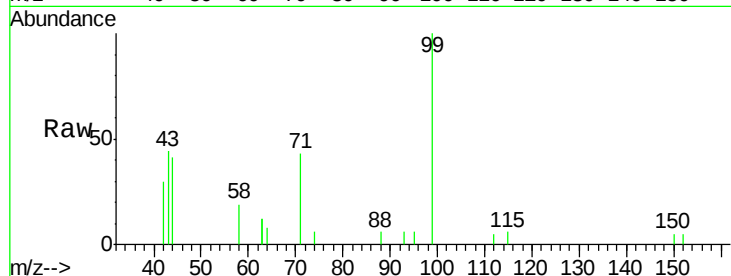
Tgt Ion: 99 Resp: 1508

Ion Ratio Lower Upper

99 100

42 25.3 20.2 30.2

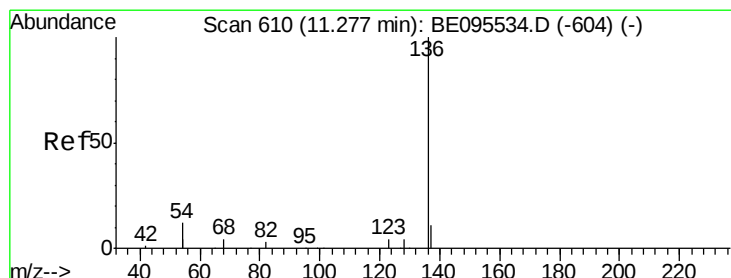
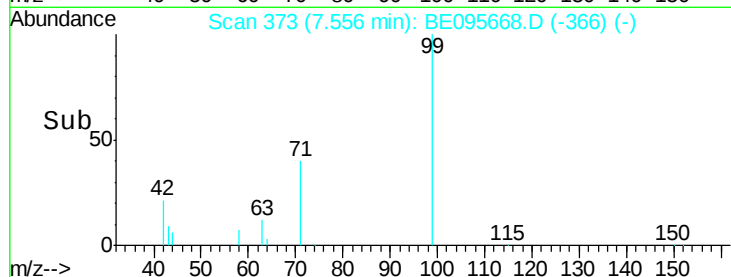
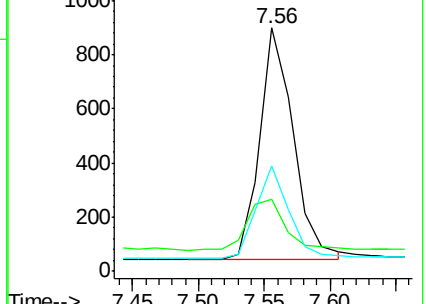
71 39.7 28.4 42.6



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: 0.40 ng

RT: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

Tgt Ion: 136 Resp: 3901

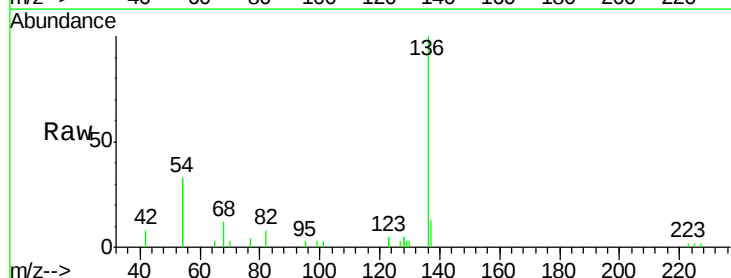
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 65.2 29.1 43.7#

68 12.2 6.2 9.2#

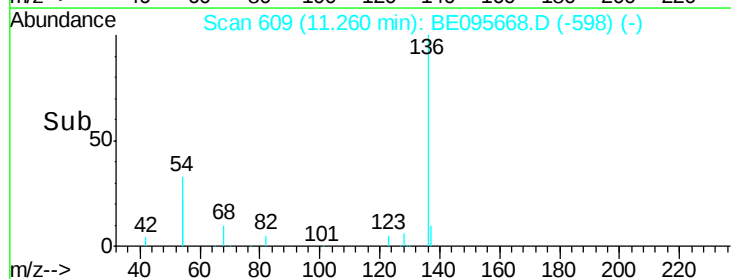
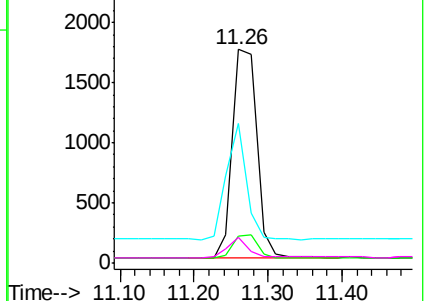


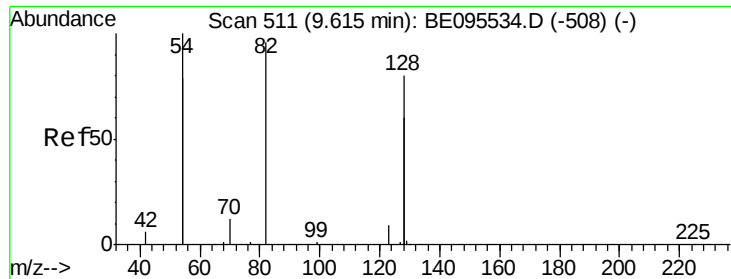
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

RT: 9.62 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

Instrument :

BNA_E

ClientSampleId :

PB106445BL

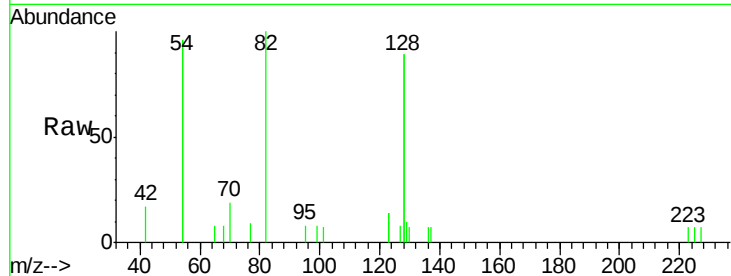
Tgt Ion: 82 Resp: 1413

Ion Ratio Lower Upper

82 100

128 177.2 150.0 225.0

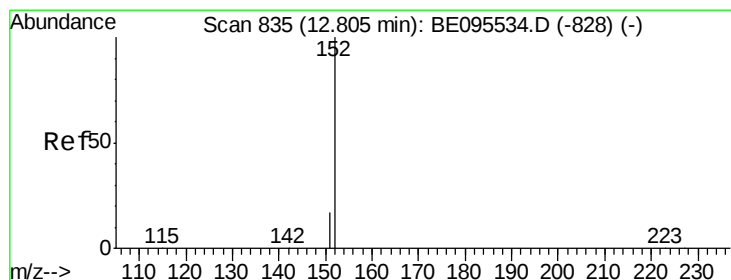
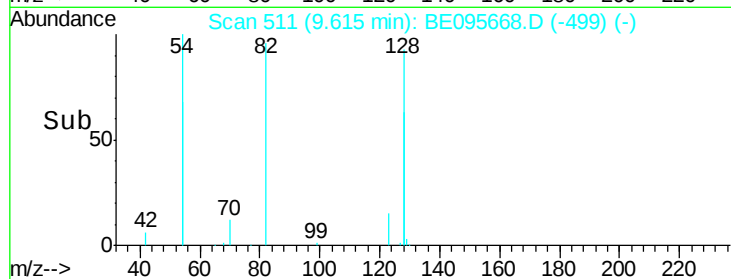
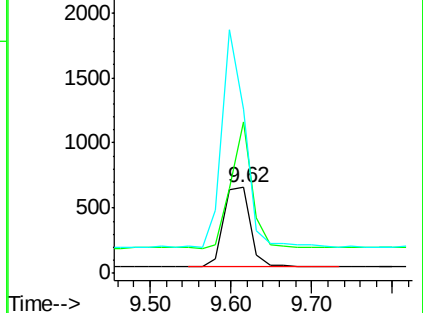
54 191.5 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095668.D

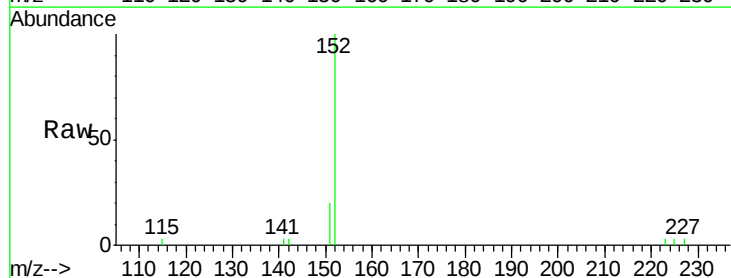
Acq: 12 Feb 2018 19:08

Tgt Ion: 152 Resp: 2411

Ion Ratio Lower Upper

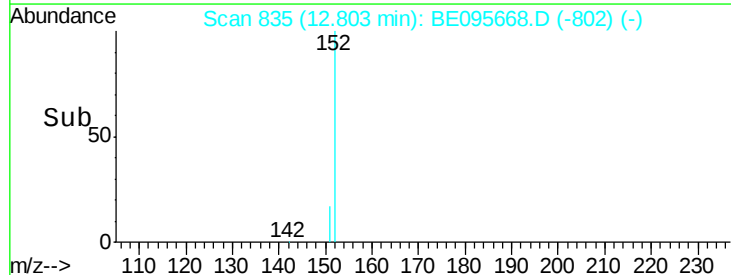
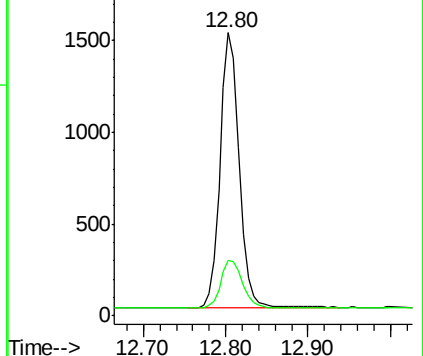
152 100

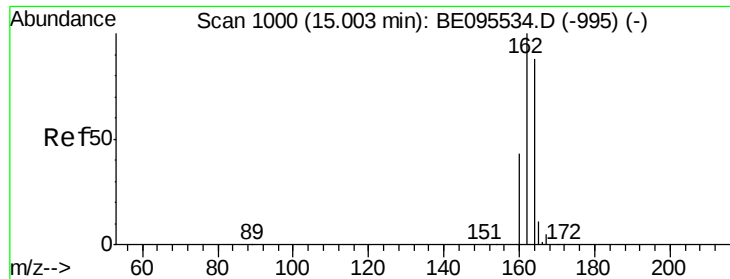
151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

Instrument :

BNA_E

ClientSampleId :

PB106445BL

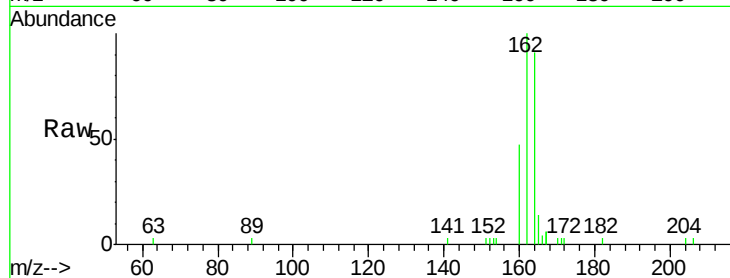
Tgt Ion:164 Resp: 2158

Ion Ratio Lower Upper

164 100

162 110.0 83.1 124.7

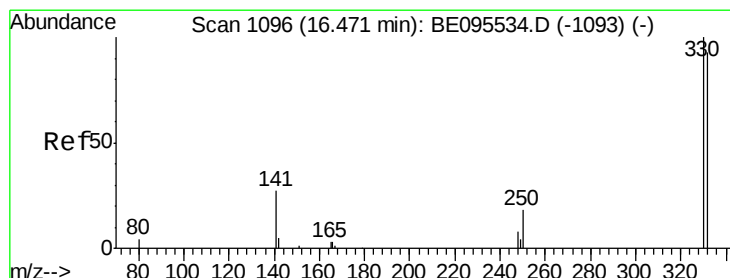
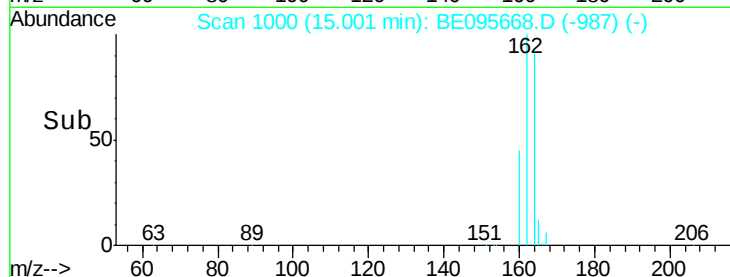
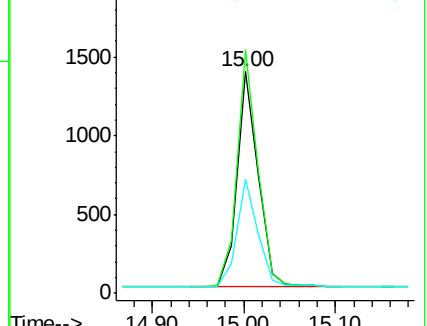
160 51.5 37.1 55.7



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: 0.24 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

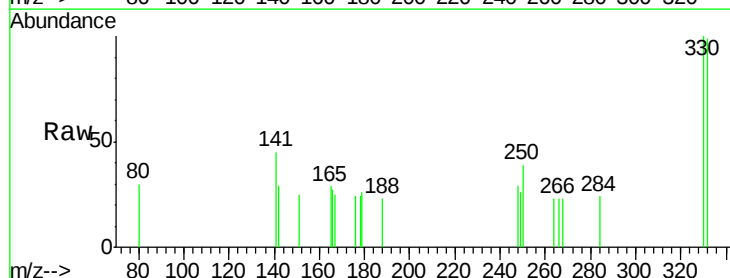
Tgt Ion:330 Resp: 233

Ion Ratio Lower Upper

330 100

332 106.4 152.7 229.1#

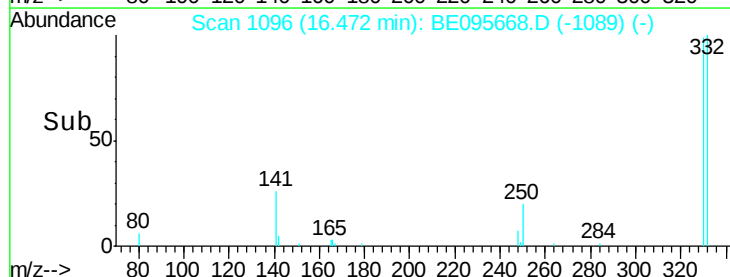
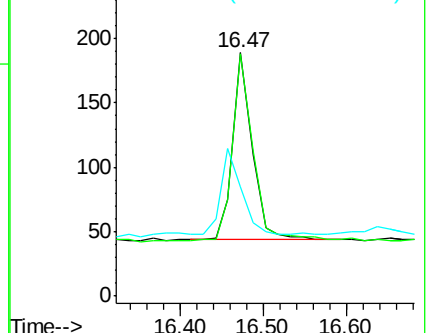
141 48.9 33.7 50.5

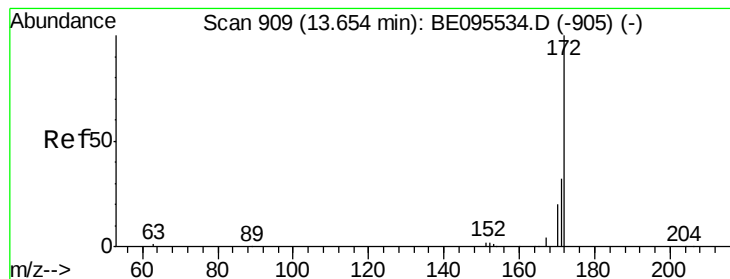


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.36 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.02 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

Instrument :

BNA_E

ClientSampleId :

PB106445BL

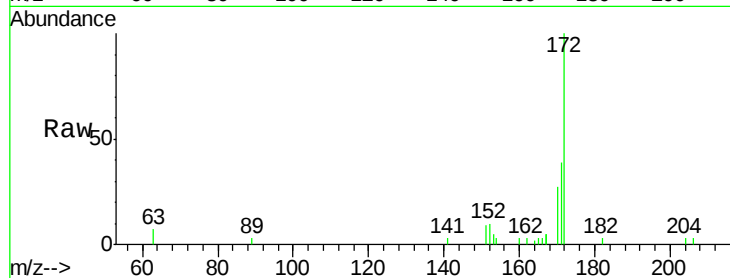
Tgt Ion:172 Resp: 3394

Ion Ratio Lower Upper

172 100

171 38.9 29.9 44.9

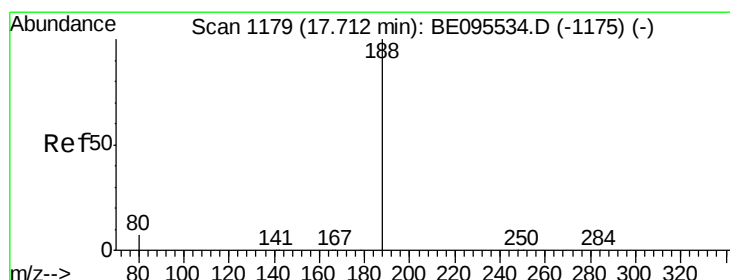
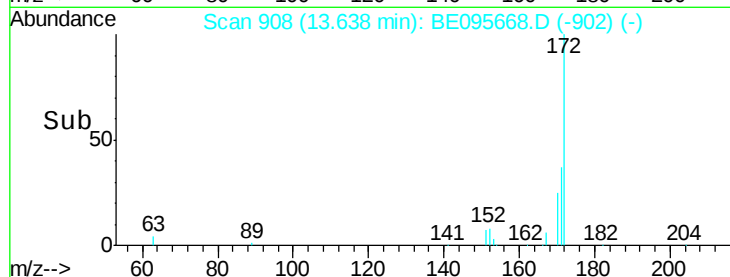
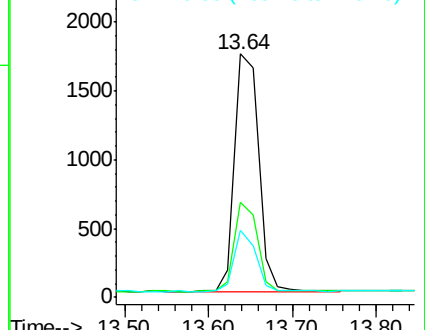
170 27.3 21.8 32.8



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



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

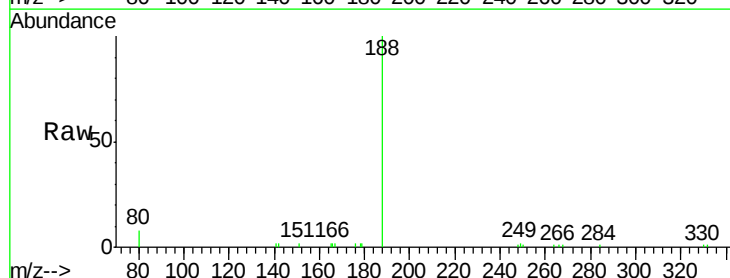
Tgt Ion:188 Resp: 5037

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

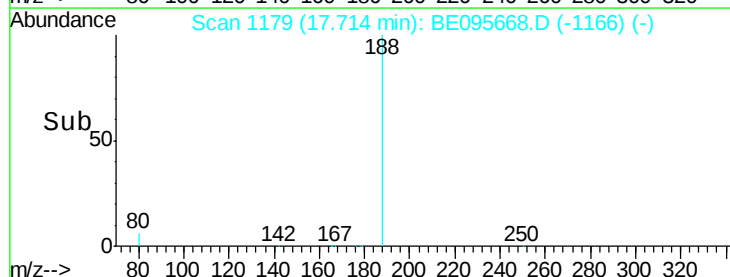
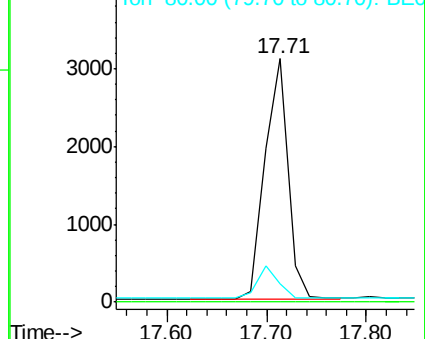
80 7.5 3.6 5.4#

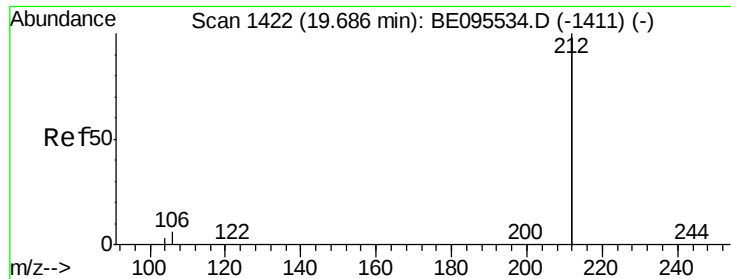


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

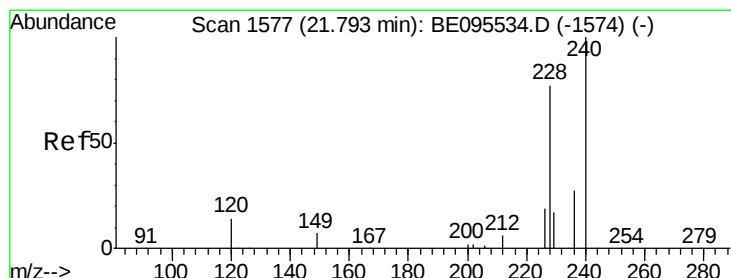
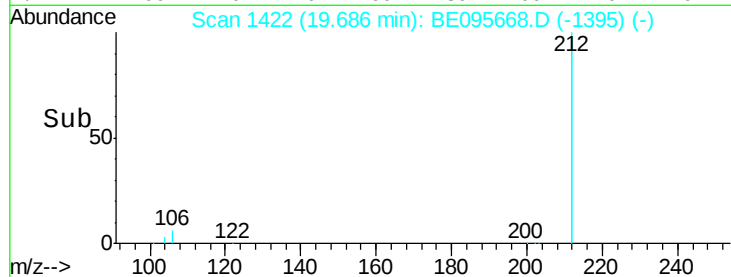
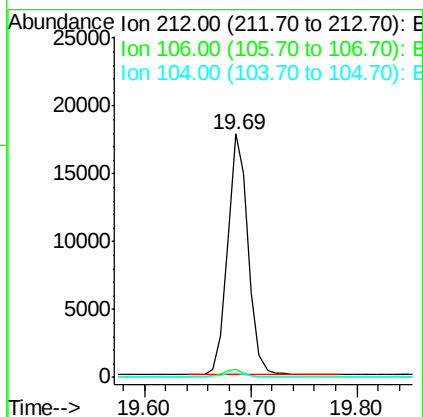
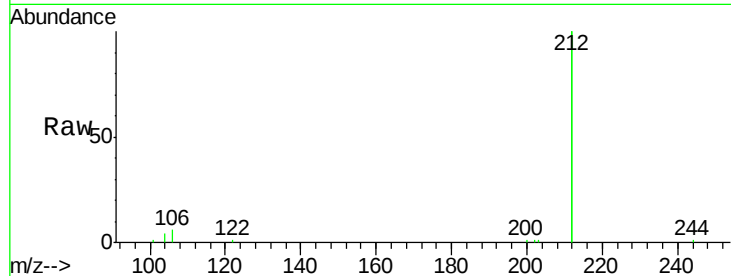




#25
 Fluoranthene-d10
 Concen: 0.36 ng
 RT: 19.69 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BE095668.D
 Acq: 12 Feb 2018 19:08

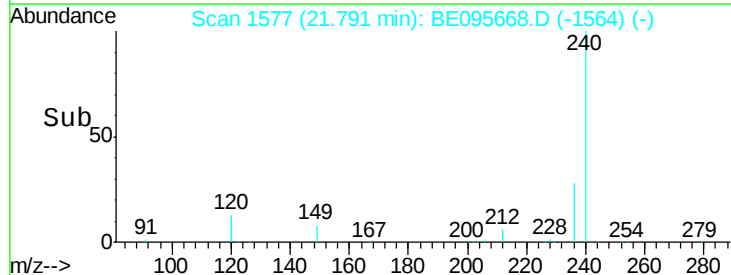
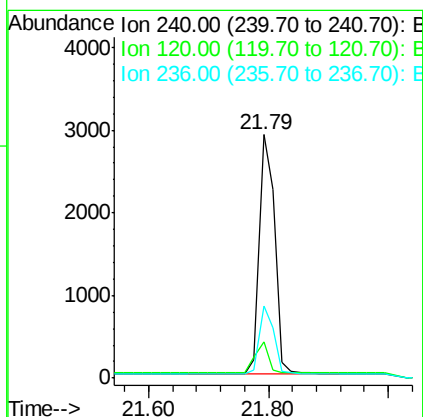
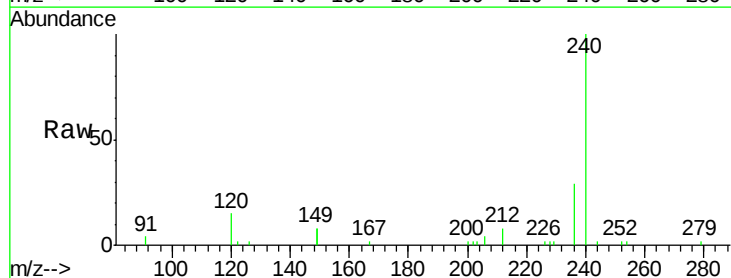
Instrument :
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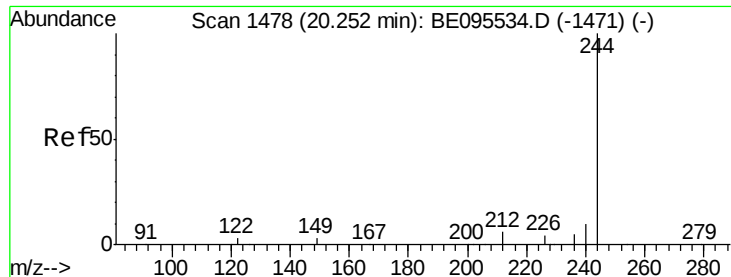
Tgt Ion: 212 Resp: 24055
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.7 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.79 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BE095668.D
 Acq: 12 Feb 2018 19:08

Tgt Ion: 240 Resp: 5187
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.5 8.3#
 236 29.4 20.7 31.1





#29

Terphenyl-d14

Concen: 0.35 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

Instrument :

BNA_E

ClientSampleId :

PB106445BL

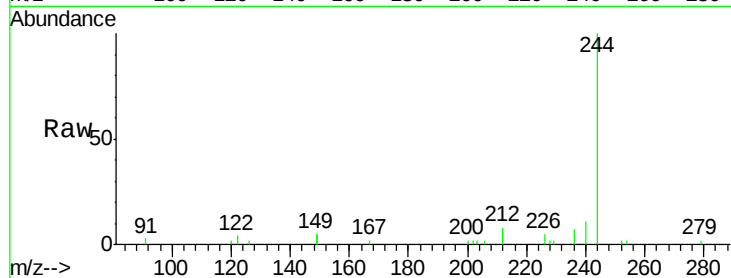
Tgt Ion:244 Resp: 3825

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

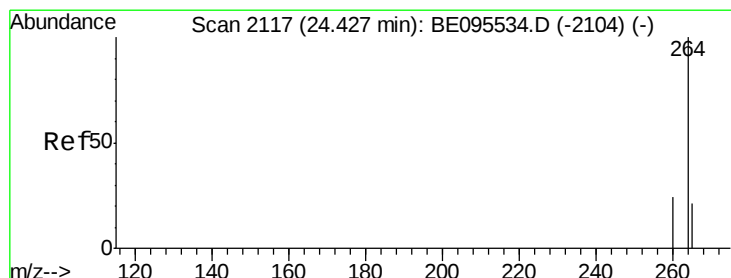
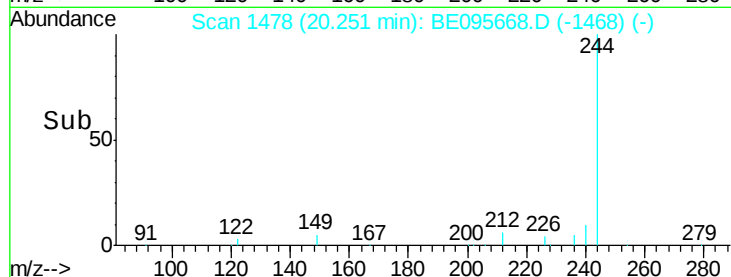
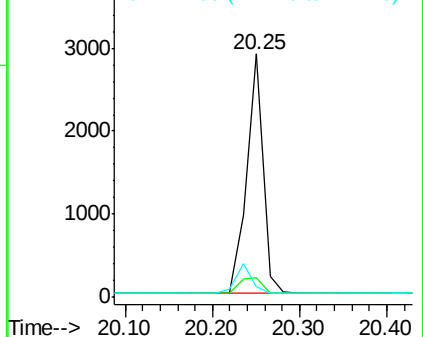
122 4.4 8.1 12.1#



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: 0.40 ng

RT: 24.43 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BE095668.D

Acq: 12 Feb 2018 19:08

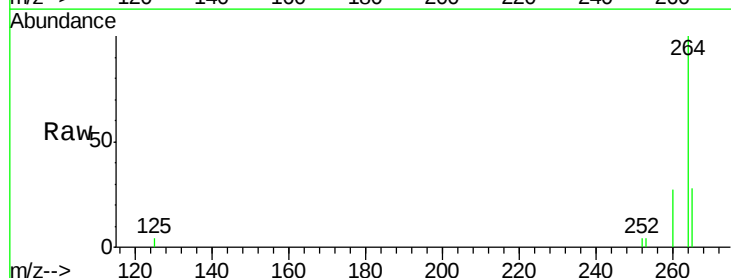
Tgt Ion:264 Resp: 5030

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 28.3 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

