

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020618\
 Data File : BE095539.D
 Acq On : 6 Feb 2018 21:02
 Operator : SJ/JU
 Sample : PB106169BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB106169BL

Quant Time: Feb 07 04:40:58 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	1255	0.40	ng	-0.01
7) Naphthalene-d8	11.28	136	4462	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2333	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5589	0.40	ng	0.00
27) Chrysene-d12	21.81	240	5969	0.40	ng	0.02
34) Perylene-d12	24.43	264	5388	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1258	0.33	ng	0.00
5) Phenol-d6	7.55	99	1647	0.31	ng	-0.01
8) Nitrobenzene-d5	9.61	82	1737	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2607	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	234	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4153	0.41	ng	0.00
25) Fluoranthene-d10	19.69	212	27136	0.37	ng	0.00
29) Terphenyl-d14	20.25	244	5123	0.40	ng	0.00

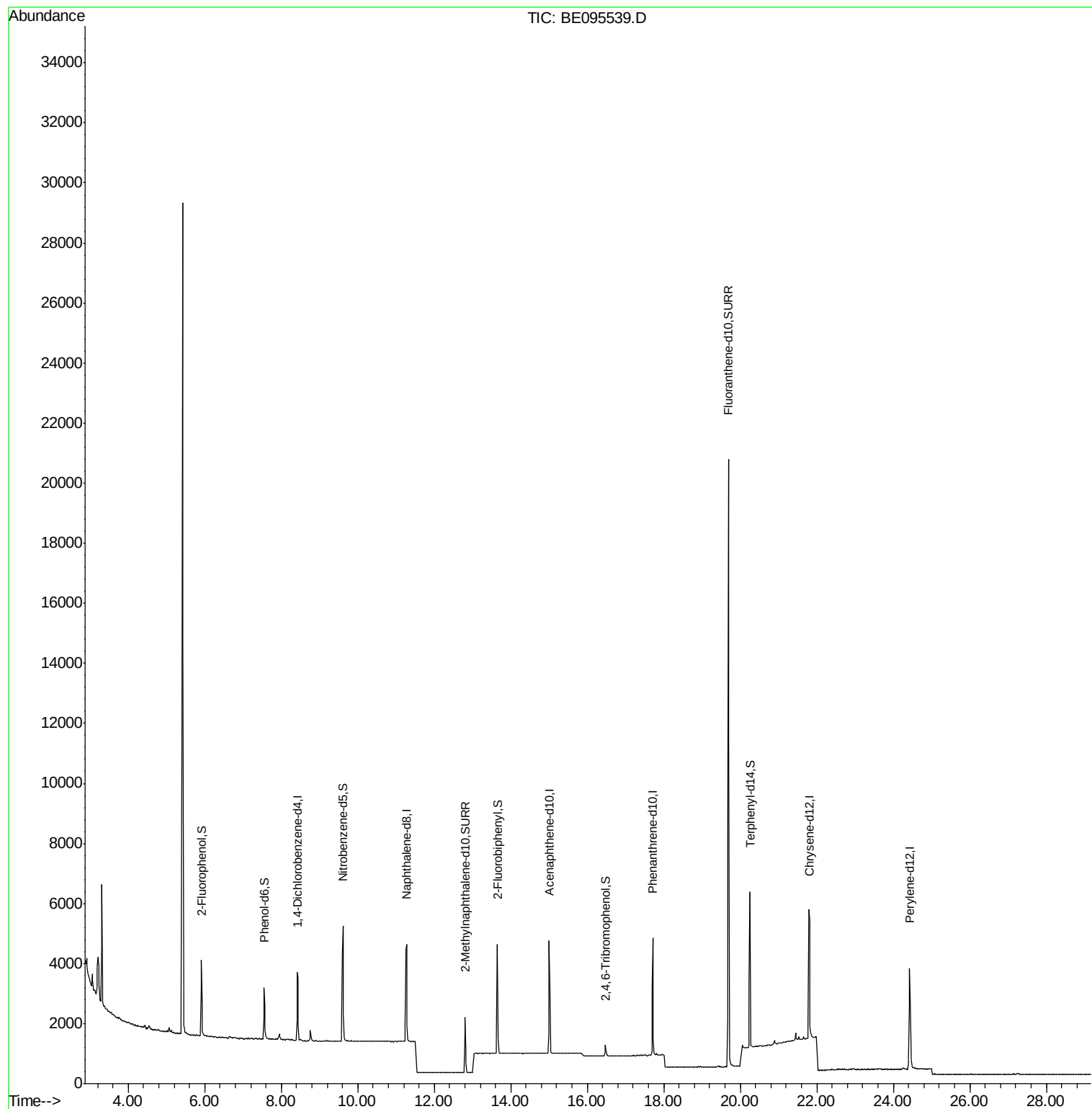
Target Compounds	Qvalue
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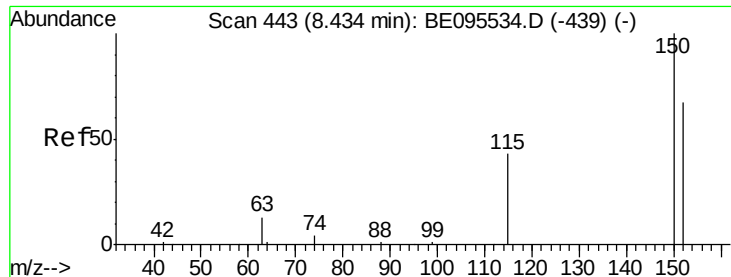
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.42 min Scan# 442

Delta R.T. -0.01 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

Instrument :

BNA_E

ClientSampleId :

PB106169BL

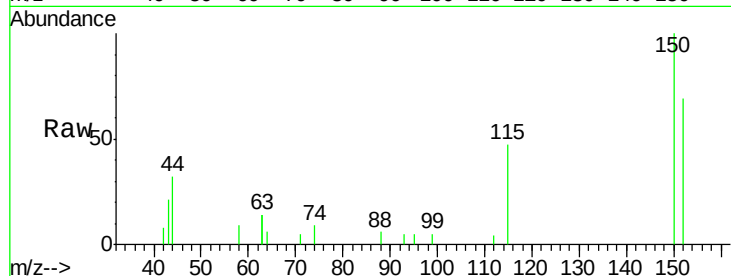
Tot Ion:152 Resp: 1255

Ion Ratio Lower Upper

152 100

150 144.3 117.2 175.8

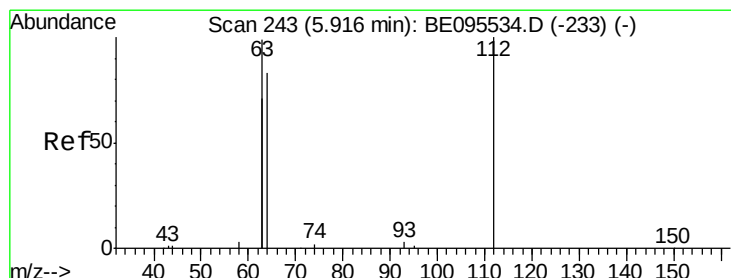
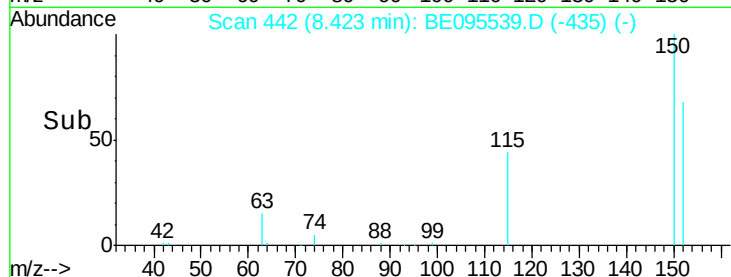
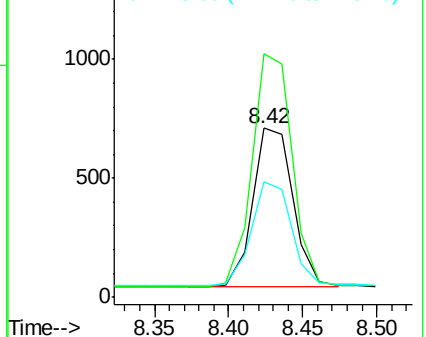
115 68.4 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.332 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

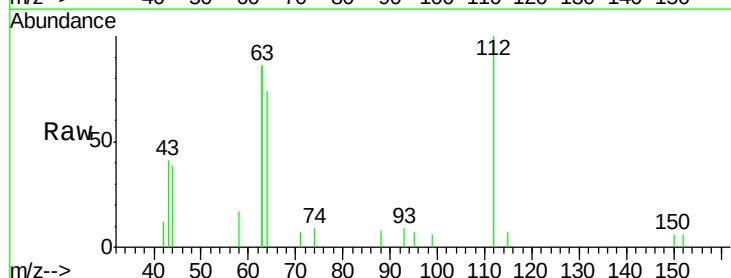
Tgt Ion:112 Resp: 1258

Ion Ratio Lower Upper

112 100

64 73.7 60.1 90.1

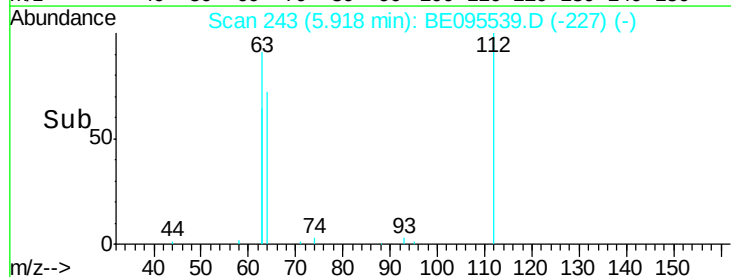
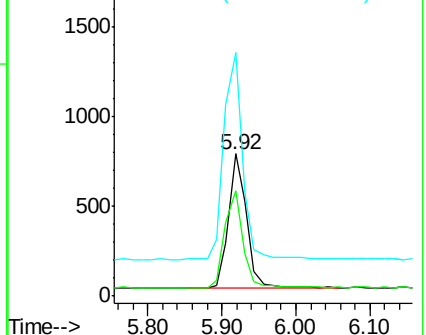
63 164.6 116.8 175.2

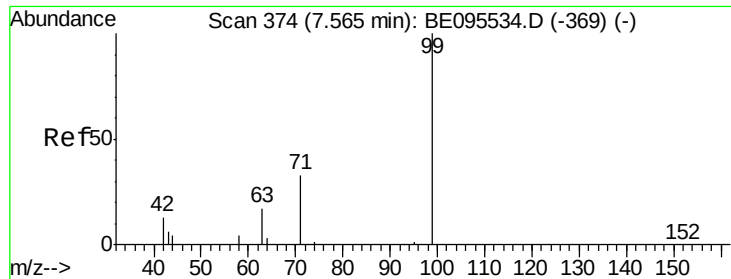


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.314 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

Instrument :

BNA_E

ClientSampleId :

PB106169BL

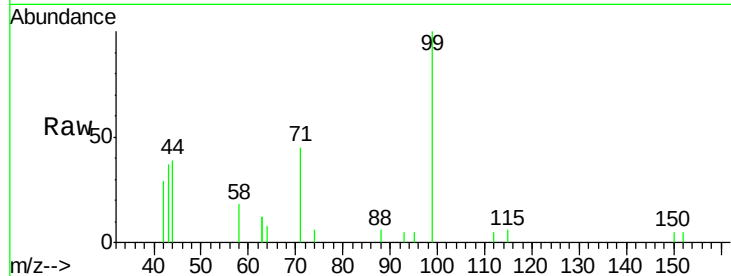
Tot Ion: 99 Resp: 1647

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

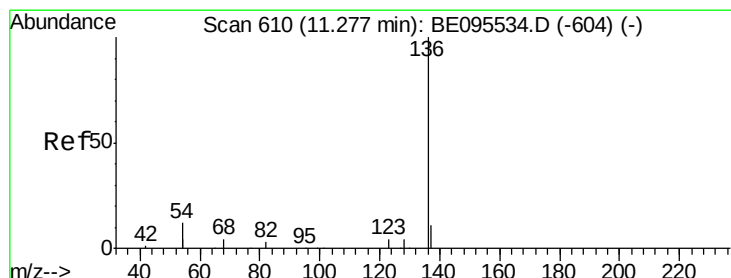
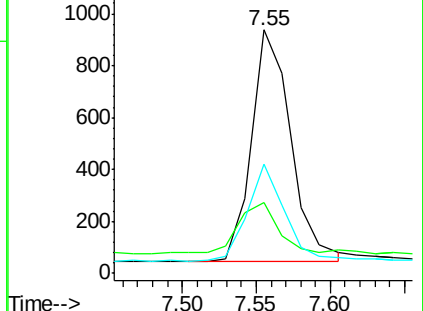
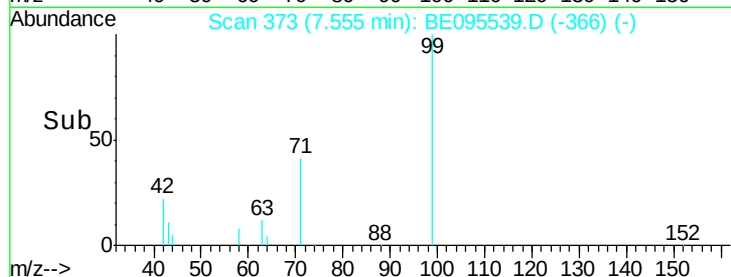
71 39.5 28.4 42.6



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: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

Tgt Ion: 136 Resp: 4462

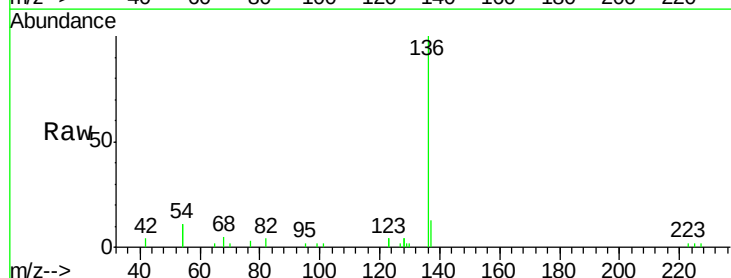
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 22.8 29.1 43.7#

68 5.2 6.2 9.2#

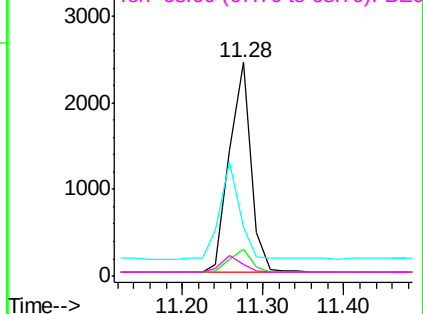
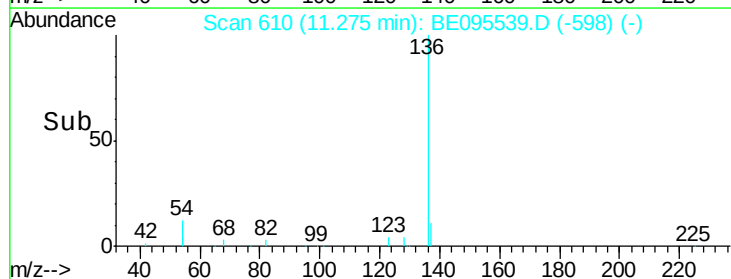


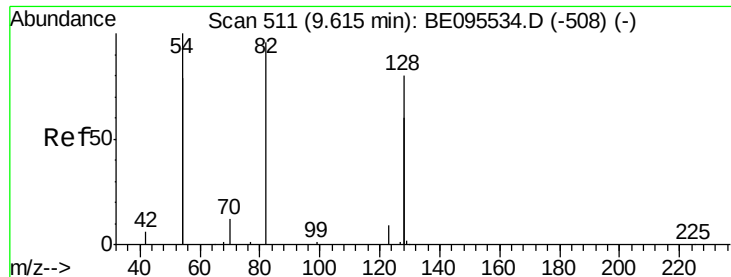
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

Instrument :

BNA_E

ClientSampleId :

PB106169BL

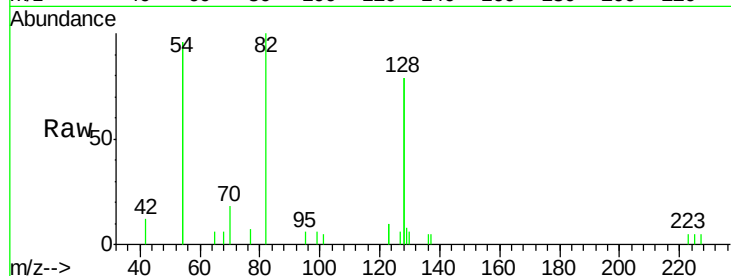
Tot Ion: 82 Resp: 1737

Ion Ratio Lower Upper

82 100

128 158.4 150.0 225.0

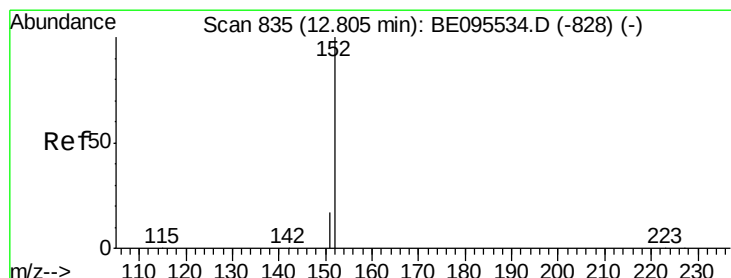
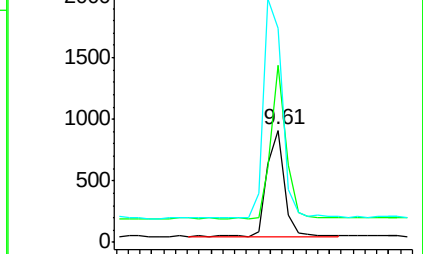
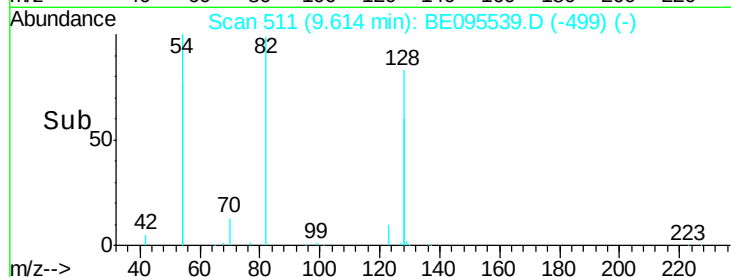
54 191.4 154.2 231.4



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: 0.353 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095539.D

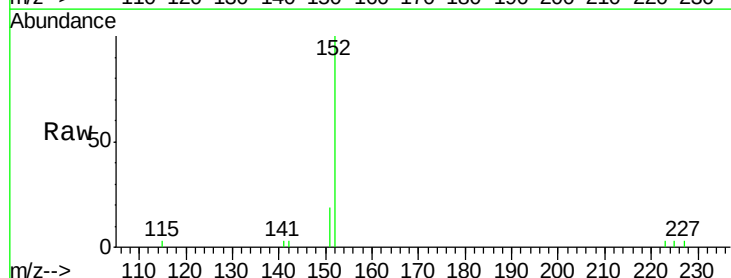
Acq: 6 Feb 2018 21:02

Tgt Ion: 152 Resp: 2607

Ion Ratio Lower Upper

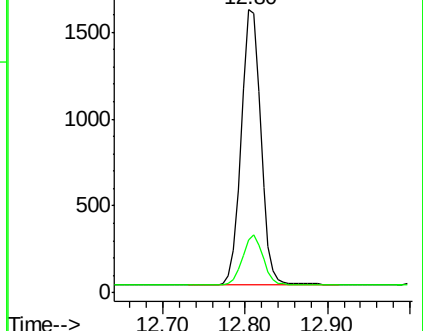
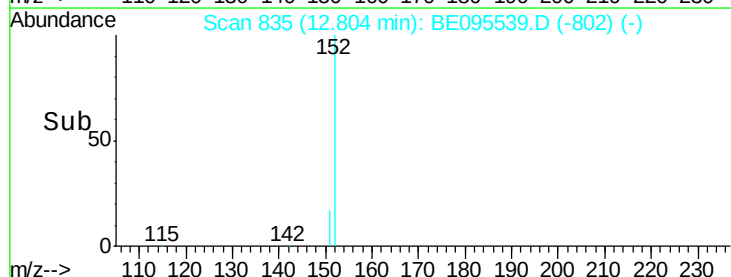
152 100

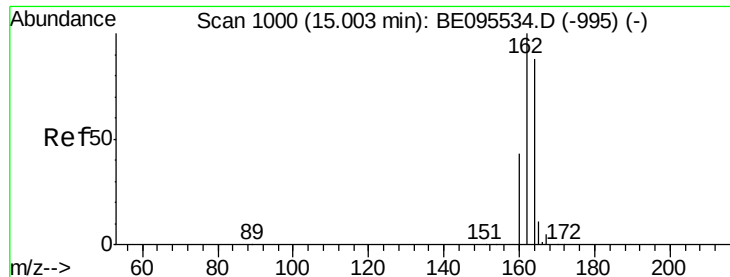
151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

Instrument :

BNA_E

ClientSampleId :

PB106169BL

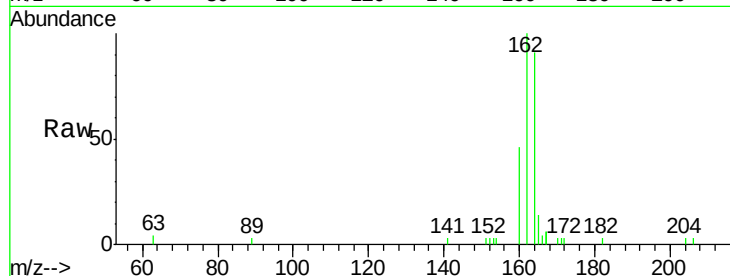
Tot Ion:164 Resp: 2333

Ion Ratio Lower Upper

164 100

162 109.7 83.1 124.7

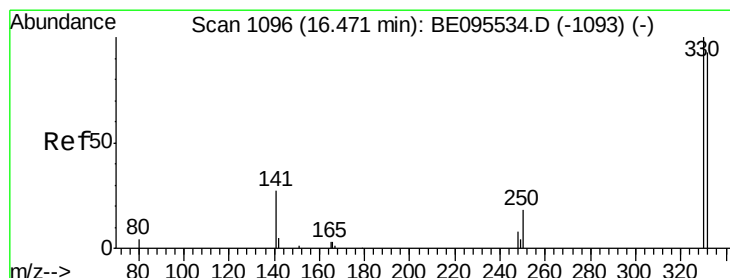
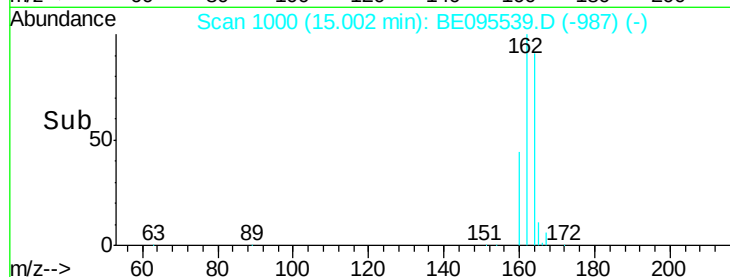
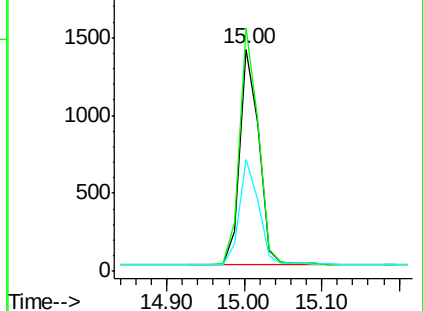
160 50.4 37.1 55.7



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: 0.220 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

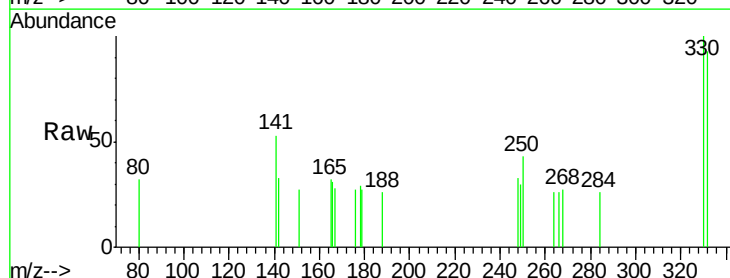
Tgt Ion:330 Resp: 234

Ion Ratio Lower Upper

330 100

332 98.7 152.7 229.1#

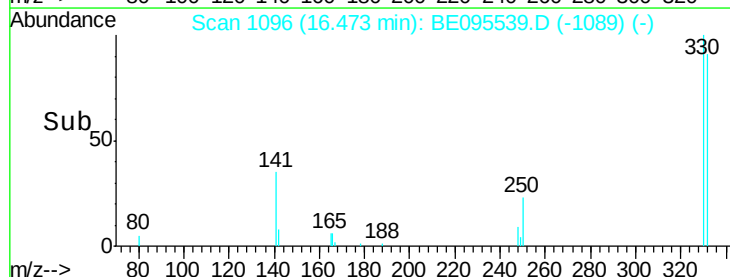
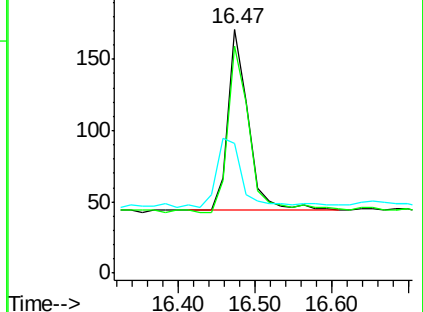
141 48.7 33.7 50.5

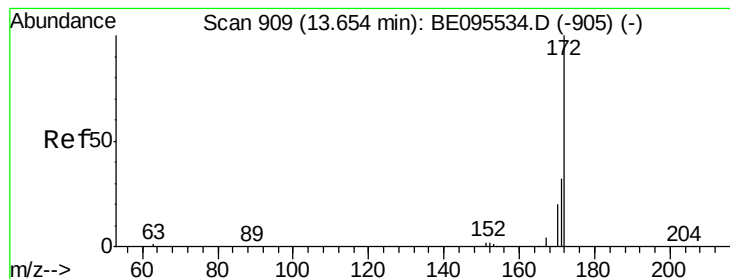


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.413 ng

RT: 13.65 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

Instrument :

BNA_E

ClientSampleId :

PB106169BL

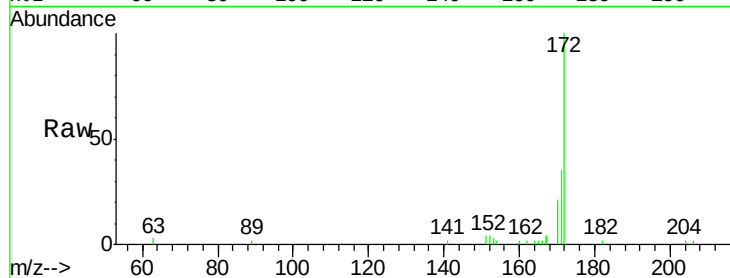
Tot Ion:172 Resp: 4153

Ion Ratio Lower Upper

172 100

171 34.9 29.9 44.9

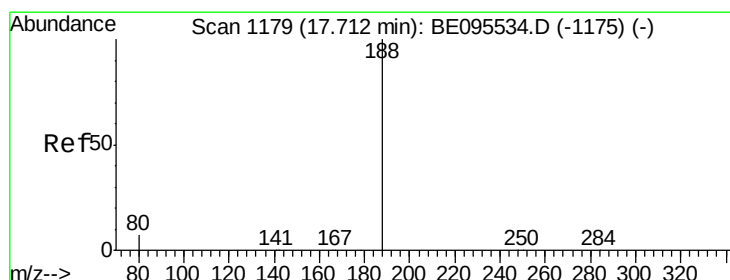
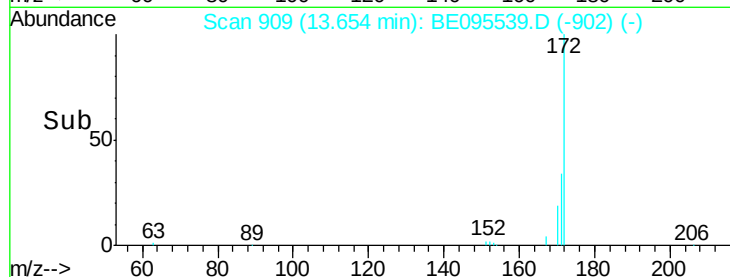
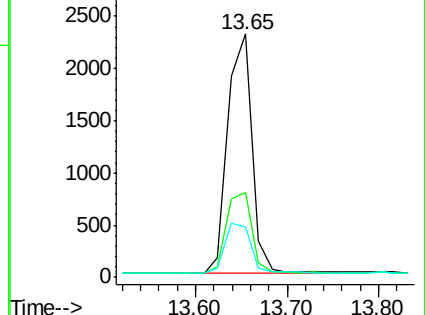
170 20.9 21.8 32.8#



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: 0.400 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

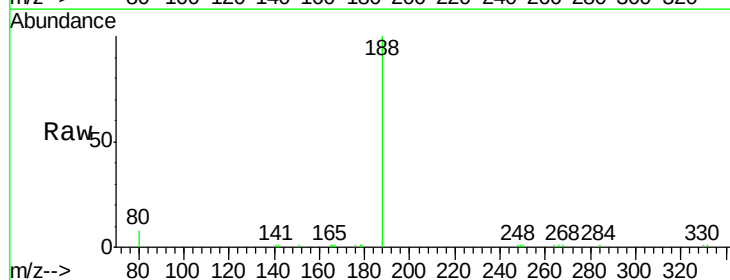
Tgt Ion:188 Resp: 5589

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

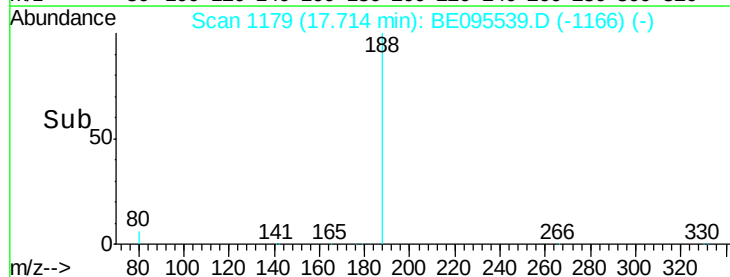
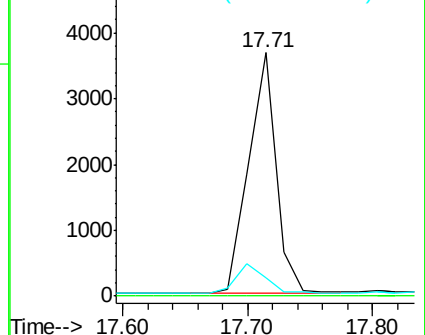
80 7.6 3.6 5.4#

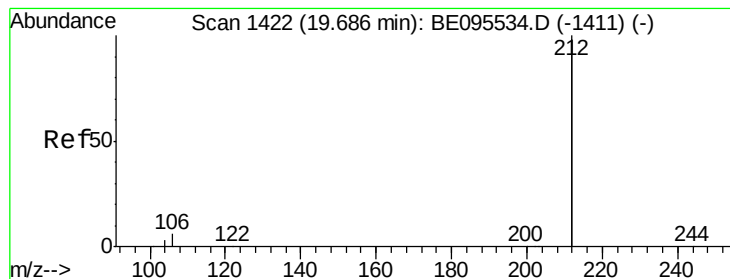


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

Instrument :

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ClientSampleId :

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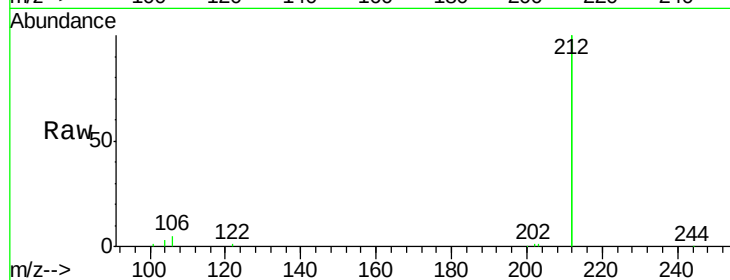
Tot Ion:212 Resp: 27136

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

104 1.7 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

25000

20000

15000

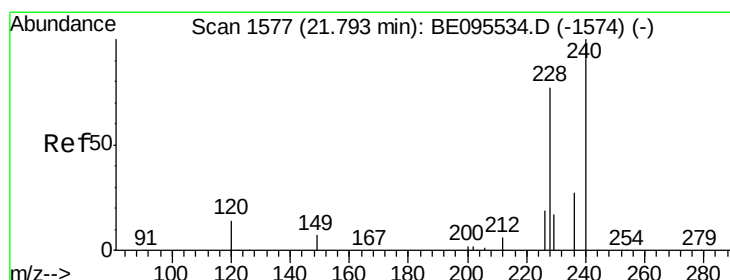
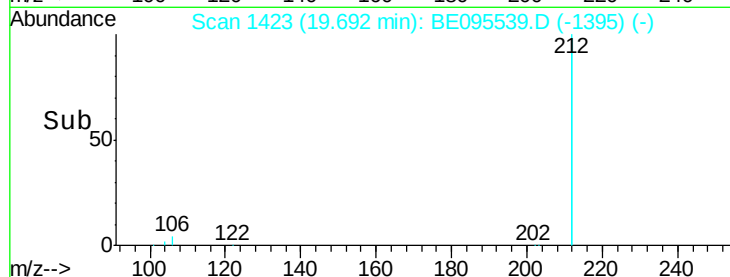
10000

5000

0

19.60 19.70 19.80

Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.81 min Scan# 1578

Delta R.T. 0.02 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

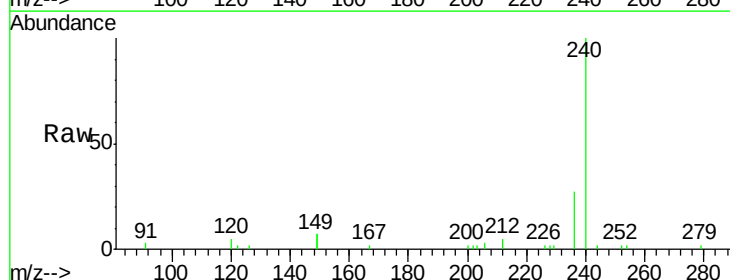
Tgt Ion:240 Resp: 5969

Ion Ratio Lower Upper

240 100

120 4.6 5.5 8.3#

236 26.7 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

4000

3000

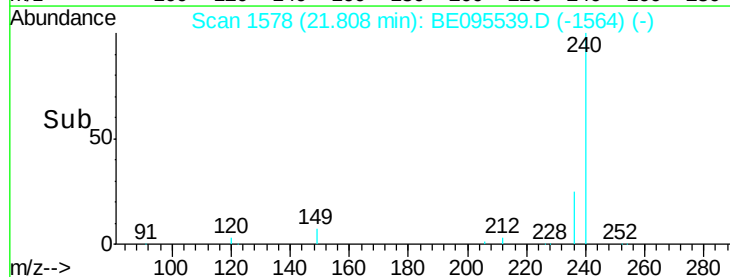
2000

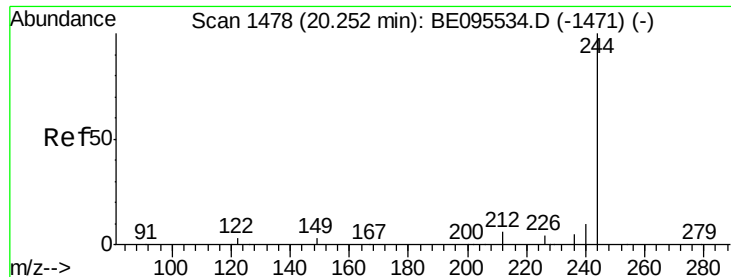
1000

0

21.70 21.80 21.90 22.00

Time-->





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

Instrument :

BNA_E

ClientSampleId :

PB106169BL

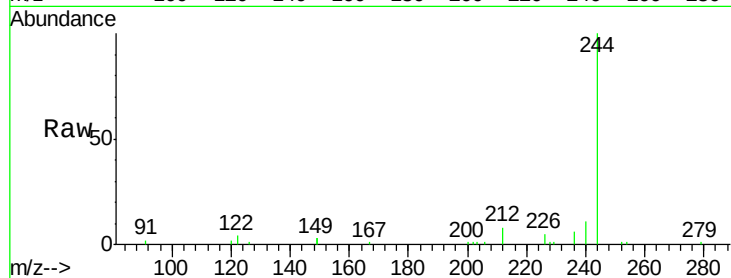
Tot Ion:244 Resp: 5123

Ion Ratio Lower Upper

244 100

212 7.7 25.4 38.0#

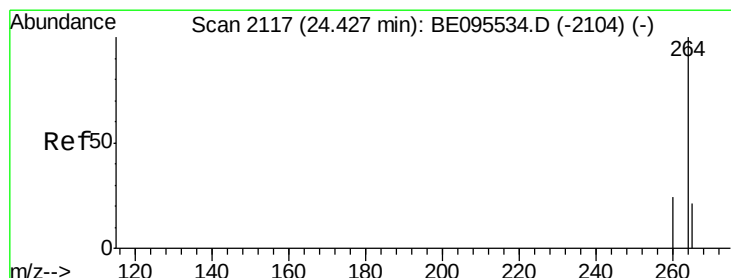
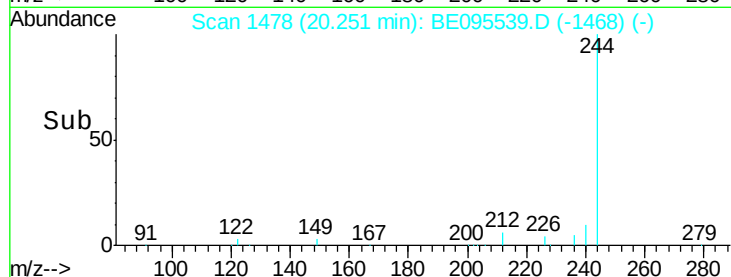
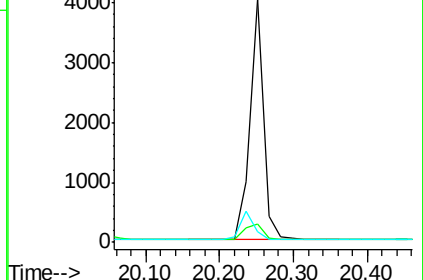
122 4.3 8.1 12.1#



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: 24.43 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BE095539.D

Acq: 6 Feb 2018 21:02

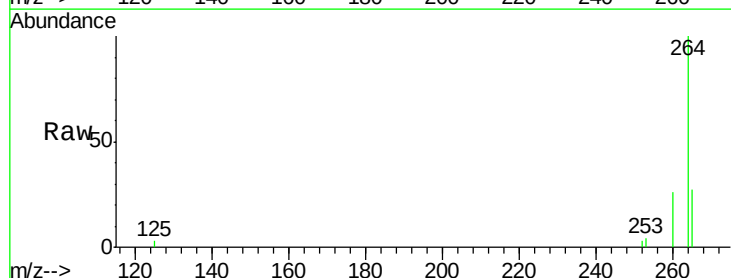
Tgt Ion:264 Resp: 5388

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 27.4 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

