

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092950.D
 Acq On : 6 May 2017 3:50
 Operator : SJ/MA
 Sample : I2893-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3076-FB

Quant Time: May 06 05:26:38 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	724	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3031	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	563	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2939	0.40	ng	0.00
26) Chrysene-d12	21.28	240	534	0.40	ng	0.00
33) Perylene-d12	23.70	264	16	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	300	0.19	ng	0.00
5) Phenol-d6	6.94	99	462	0.20	ng	0.00
8) Nitrobenzene-d5	8.90	82	878	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1717	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	138	1.57	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2563	0.99	ng	0.00
24) Fluoranthene-d10	19.15	212	820	0.12	ng	0.00
28) Terphenyl-d14	19.74	244	1902	2.04	ng	0.00

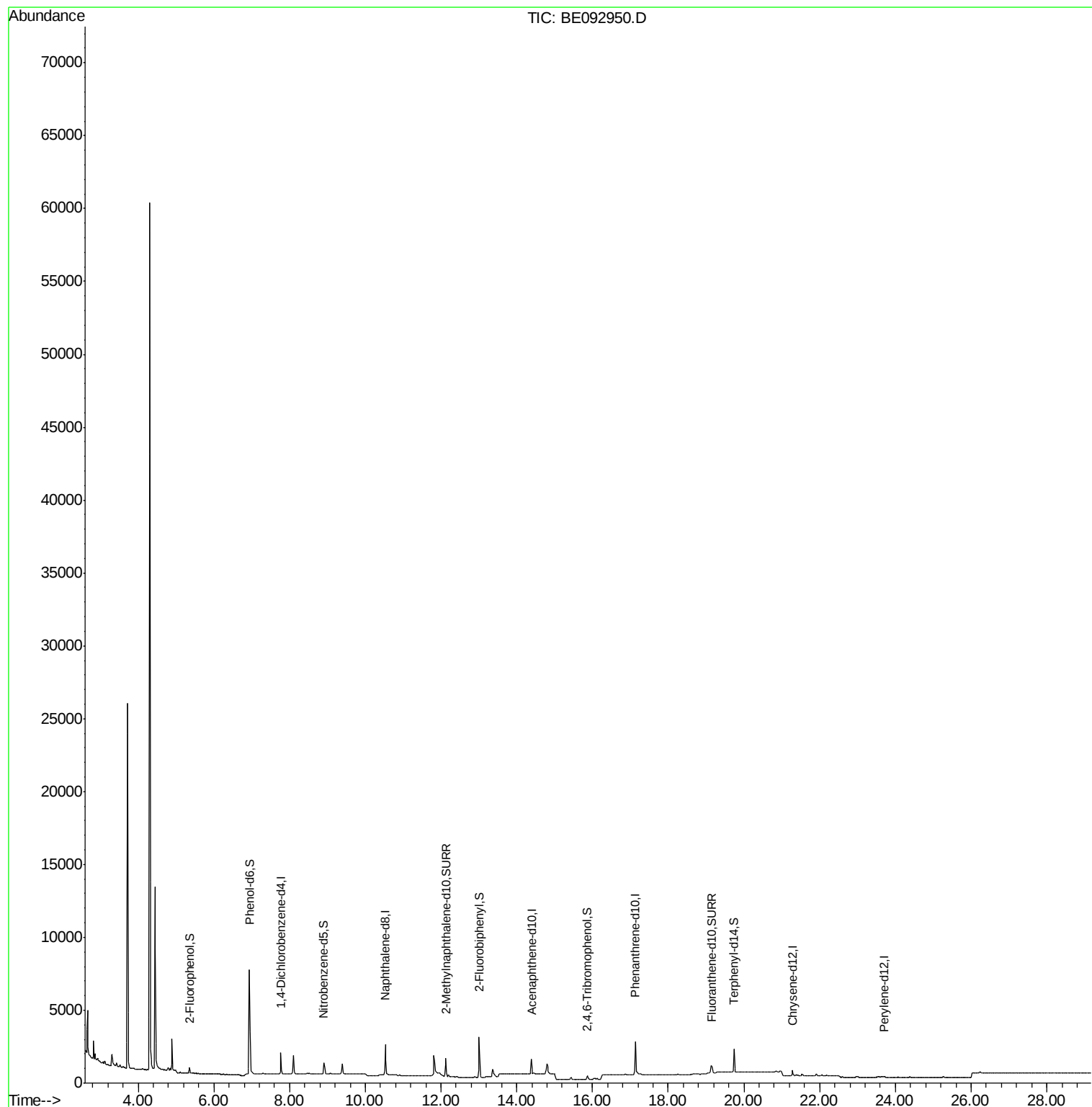
Target Compounds	Qvalue
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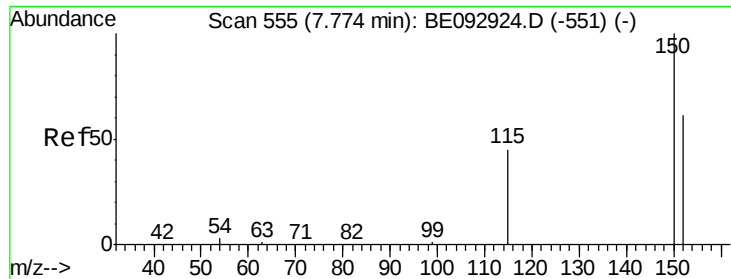
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

Instrument :

BNA_E

ClientSampleId :

3076-FB

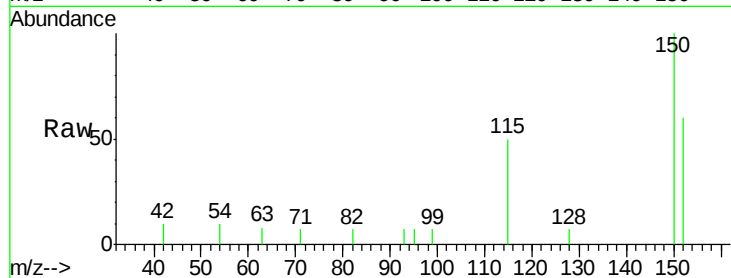
Tgt Ion:152 Resp: 724

Ion Ratio Lower Upper

152 100

150 166.4 129.9 194.9

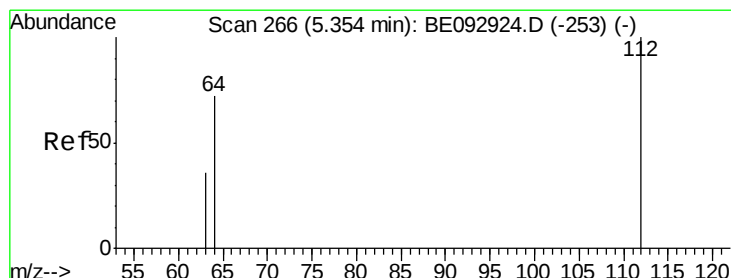
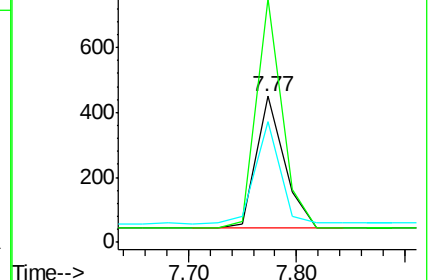
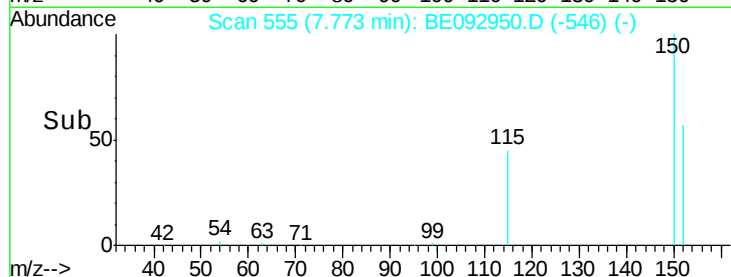
115 82.9 62.6 93.8



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: 0.19 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.01 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

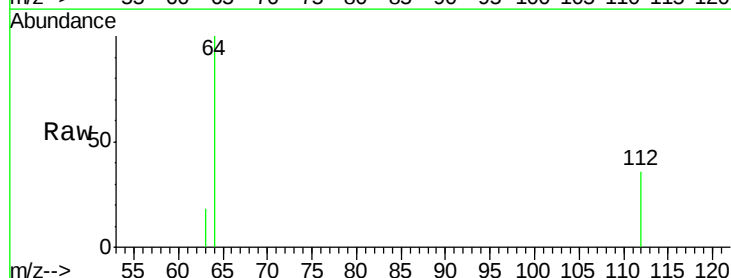
Tgt Ion:112 Resp: 300

Ion Ratio Lower Upper

112 100

64 73.0 52.6 79.0

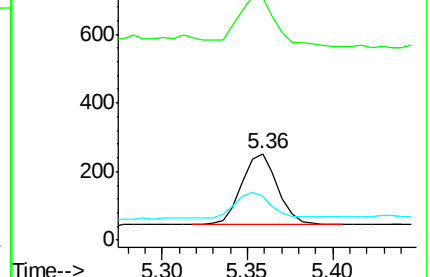
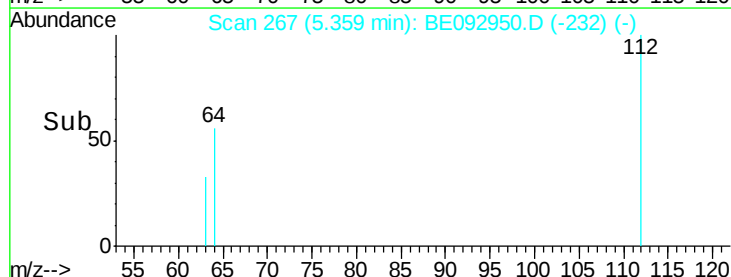
63 37.7 29.0 43.4

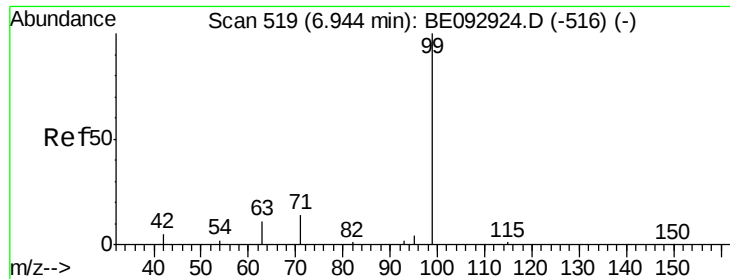


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.20 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

Instrument :

BNA_E

ClientSampleId :

3076-FB

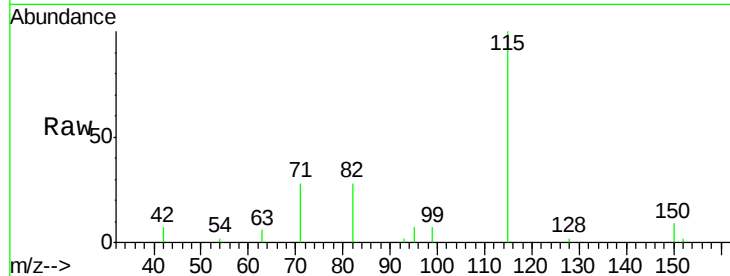
Tgt Ion: 99 Resp: 462

Ion Ratio Lower Upper

99 100

42 77.7 0.0 0.0#

71 366.2 0.0 0.0#

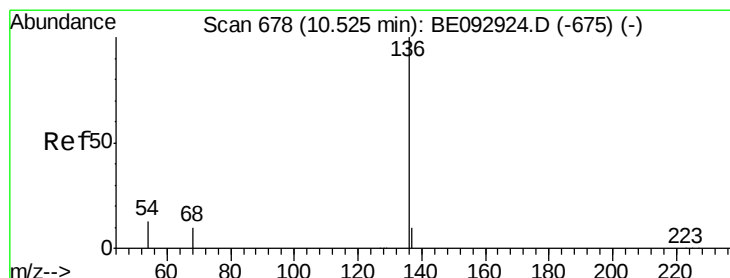
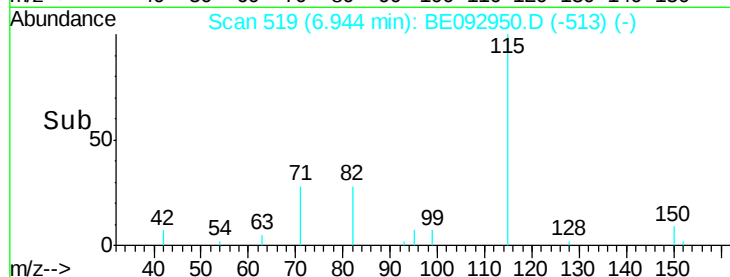
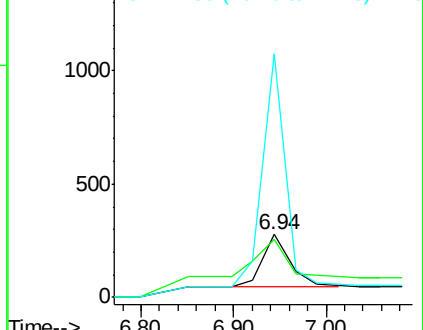


Abundance

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: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

Tgt Ion: 136 Resp: 3031

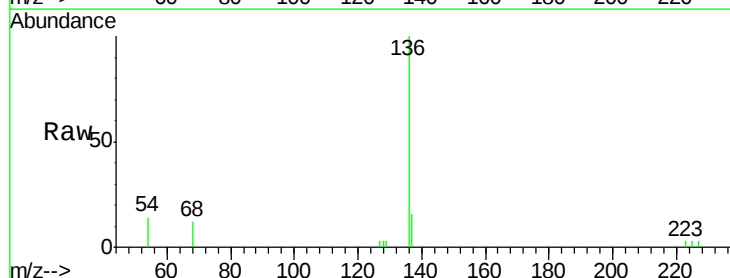
Ion Ratio Lower Upper

136 100

137 16.2 10.4 15.6#

54 14.4 12.6 18.8

68 12.3 10.7 16.1



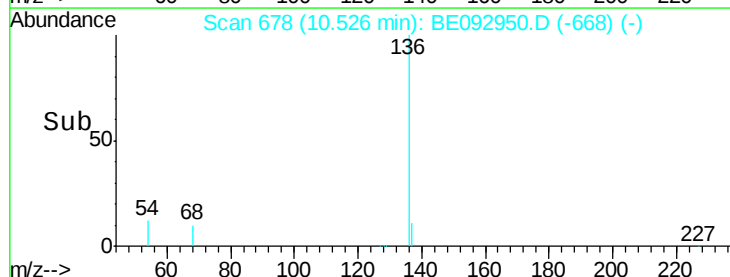
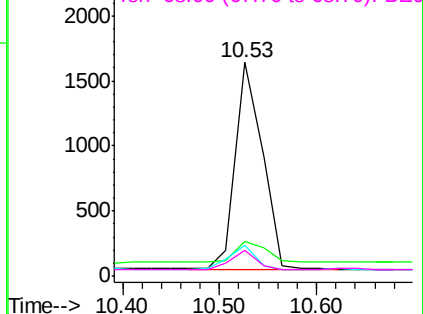
Abundance

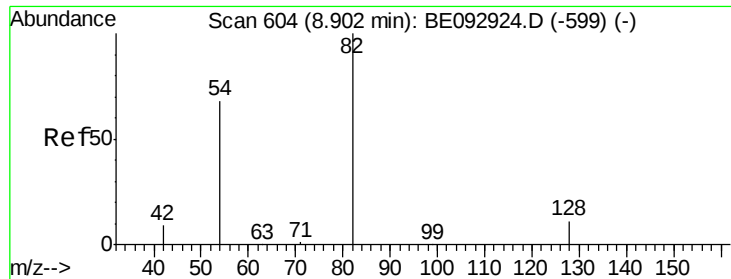
Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.43 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

Instrument :

BNA_E

ClientSampleId :

3076-FB

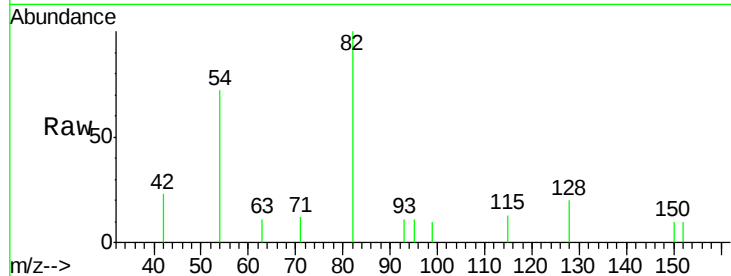
Tgt Ion: 82 Resp: 878

Ion Ratio Lower Upper

82 100

128 20.4 35.3 52.9#

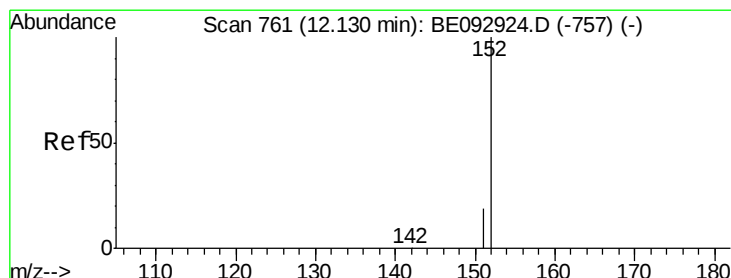
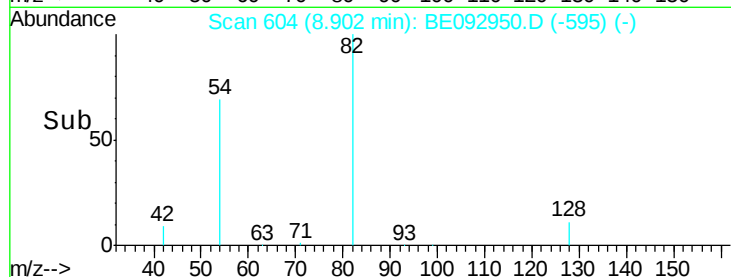
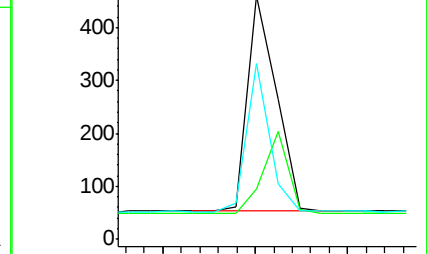
54 72.2 65.1 97.7



Abundance Ion 82.00 (81.70 to 82.70): BE092924.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE092924.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BE092924.D (-599) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092950.D

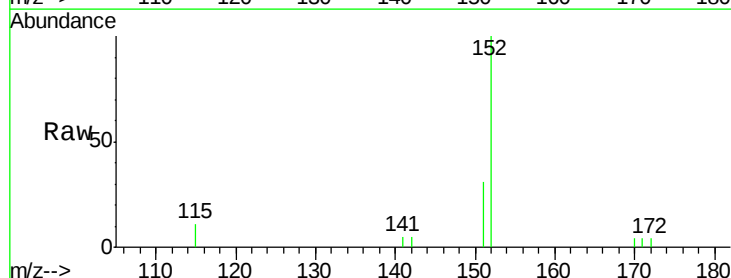
Acq: 6 May 2017 3:50

Tgt Ion: 152 Resp: 1717

Ion Ratio Lower Upper

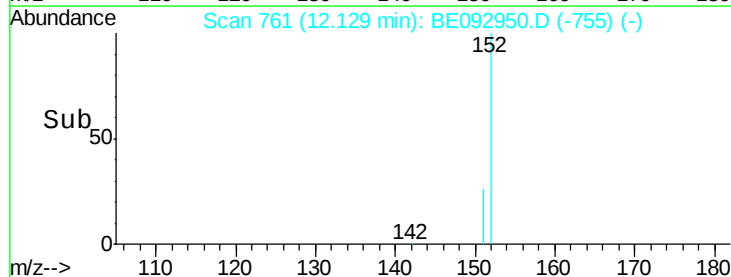
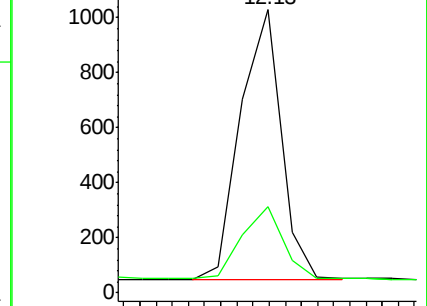
152 100

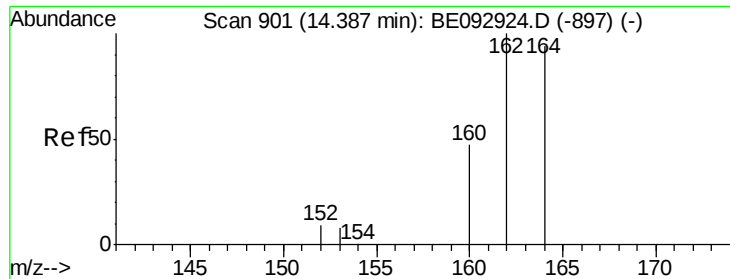
151 27.2 15.7 23.5#



Abundance Ion 152.00 (151.70 to 152.70): BE092924.D (-757) (-)

Ion 151.00 (150.70 to 151.70): BE092924.D (-757) (-)





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

Instrument :

BNA_E

ClientSampleId :

3076-FB

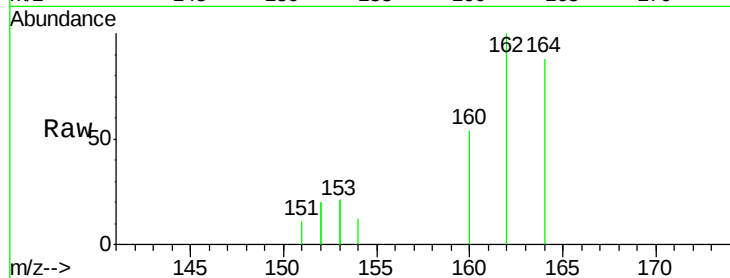
Tgt Ion:164 Resp: 563

Ion Ratio Lower Upper

164 100

162 113.4 86.6 130.0

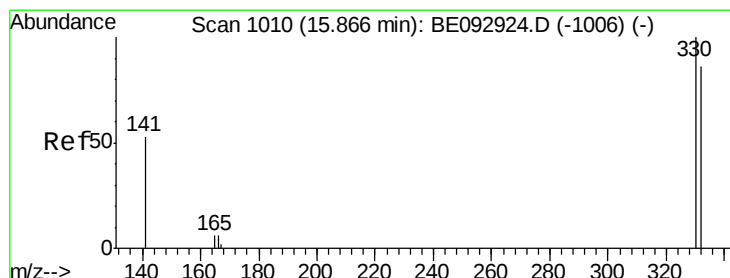
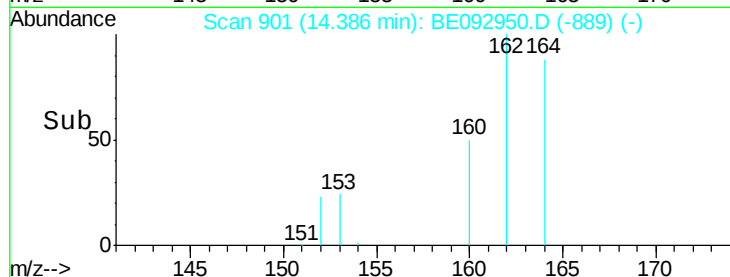
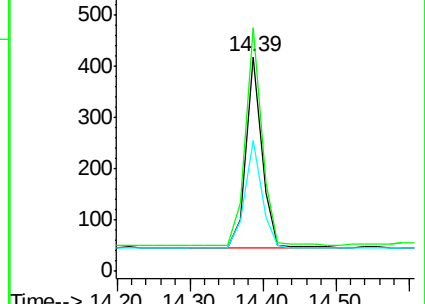
160 61.2 44.5 66.7



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: 1.57 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

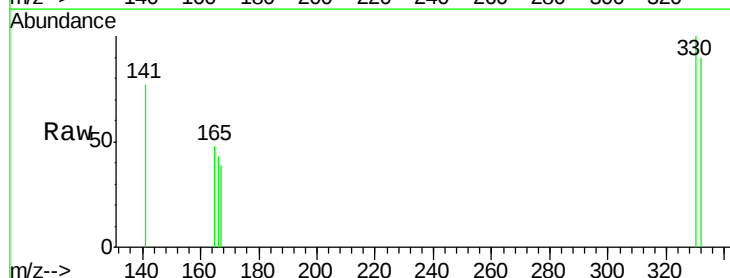
Tgt Ion:330 Resp: 138

Ion Ratio Lower Upper

330 100

332 92.0 69.1 103.7

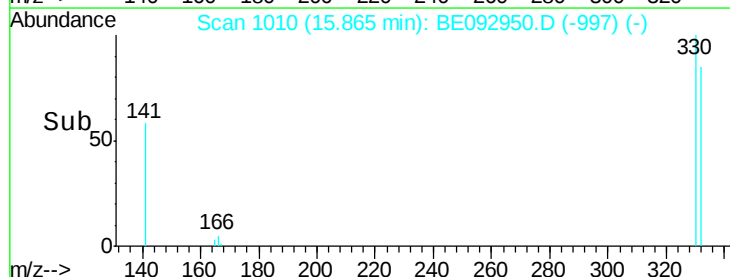
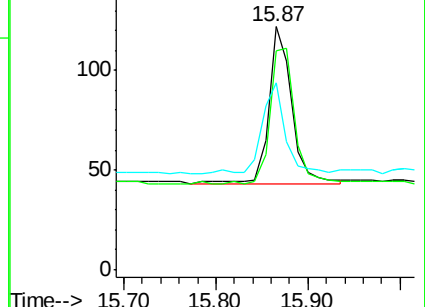
141 59.4 54.6 81.8

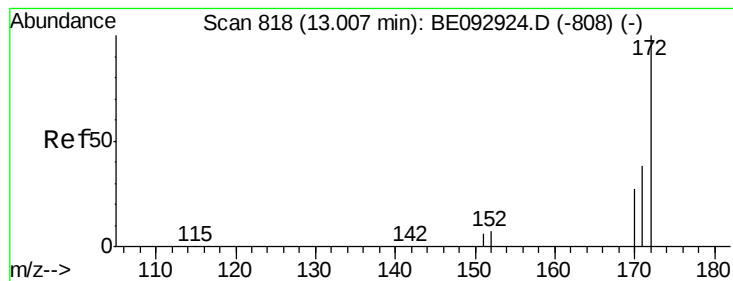


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.99 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

Instrument :

BNA_E

ClientSampleId :

3076-FB

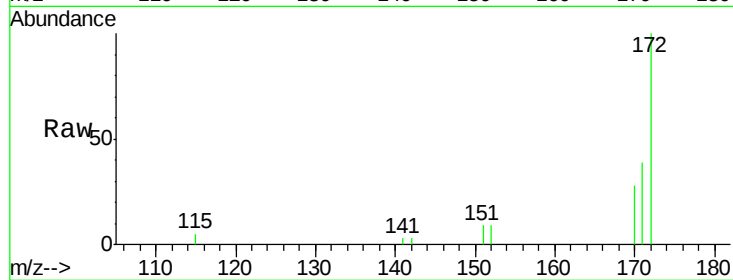
Tgt Ion:172 Resp: 2563

Ion Ratio Lower Upper

172 100

171 39.3 35.8 53.6

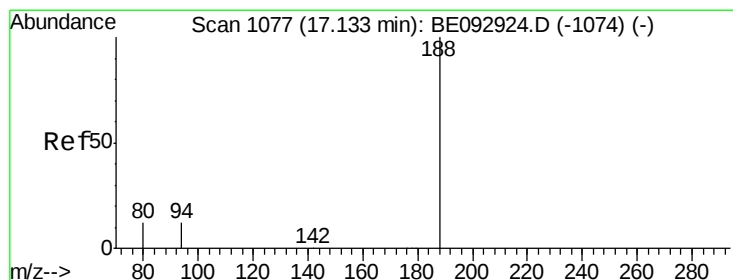
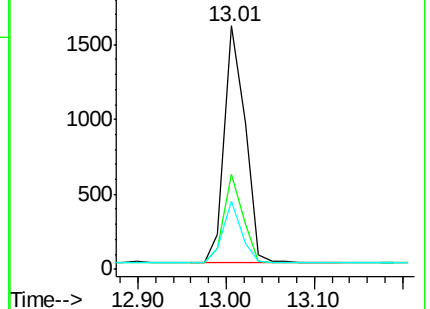
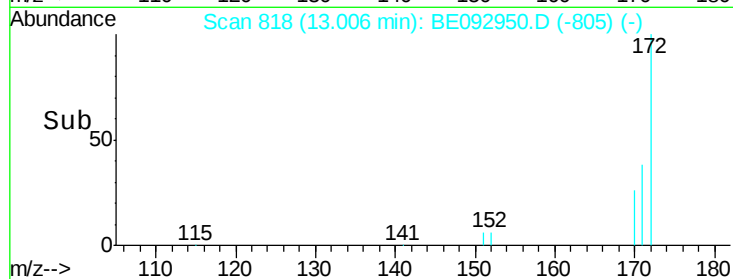
170 28.2 28.5 42.7#



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: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

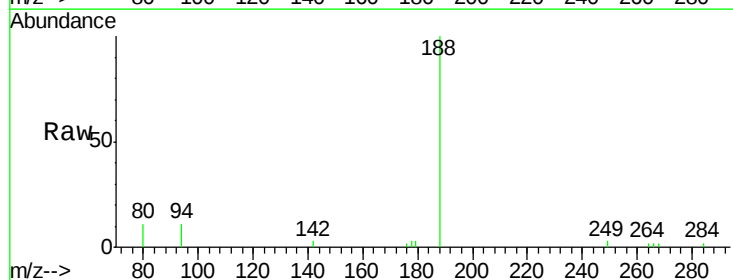
Tgt Ion:188 Resp: 2939

Ion Ratio Lower Upper

188 100

94 11.4 10.2 15.4

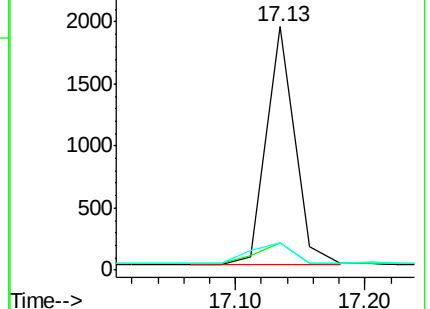
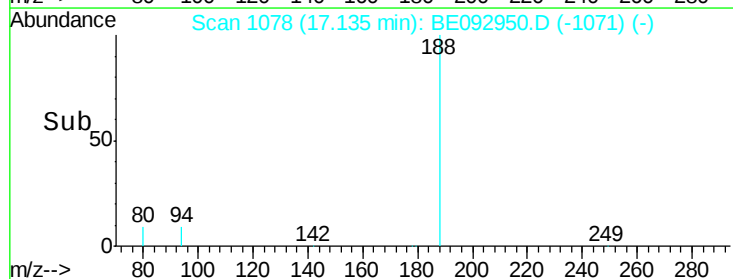
80 11.4 10.6 15.8

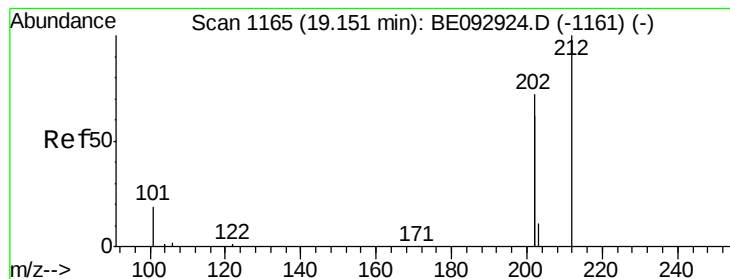


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#24

Fluoranthene-d10

Concen: 0.12 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

Instrument :

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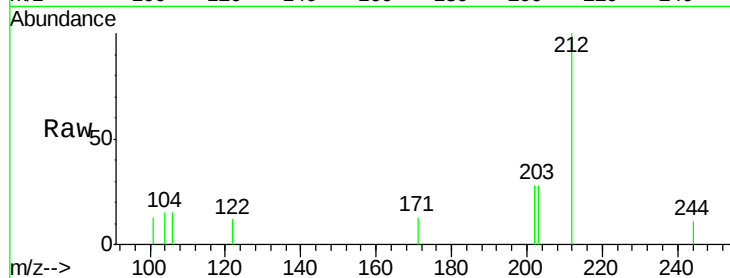
Tgt Ion:212 Resp: 820

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

104 0.0 0.0 0.0



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

19.15

400

300

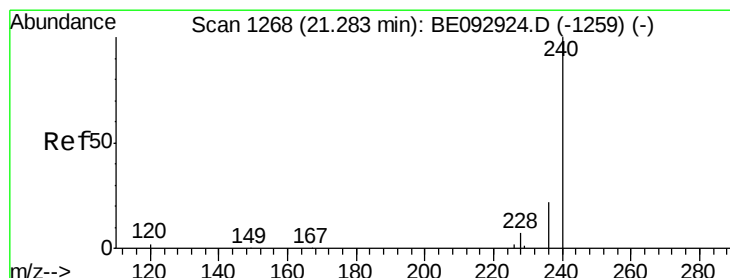
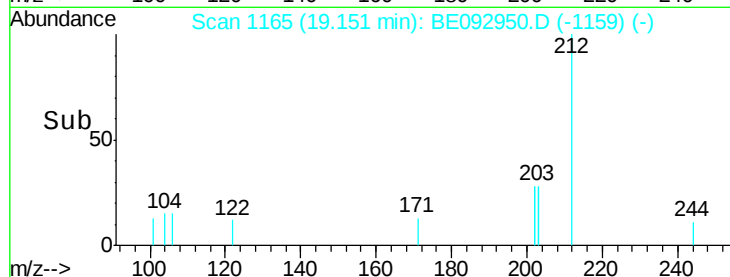
200

100

0

19.00 19.10 19.20

Time-->



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

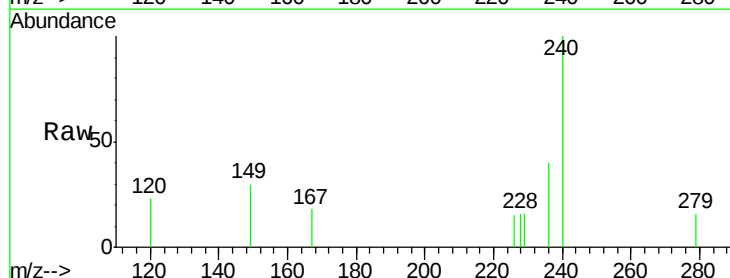
Tgt Ion:240 Resp: 534

Ion Ratio Lower Upper

240 100

120 23.1 4.6 6.8#

236 40.4 19.8 29.8#



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

21.28

400

300

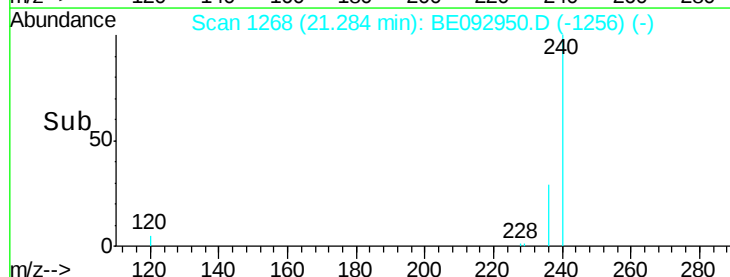
200

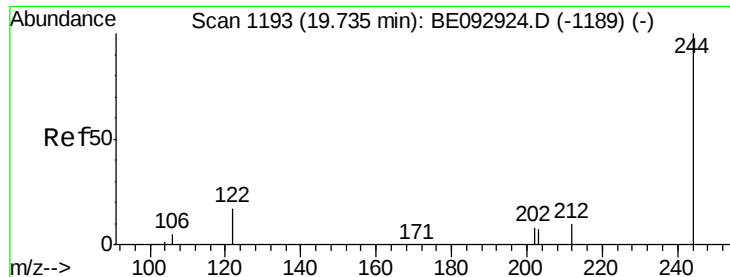
100

0

21.10 21.20 21.30 21.40

Time-->





#28

Terphenyl-d14

Concen: 2.04 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092950.D

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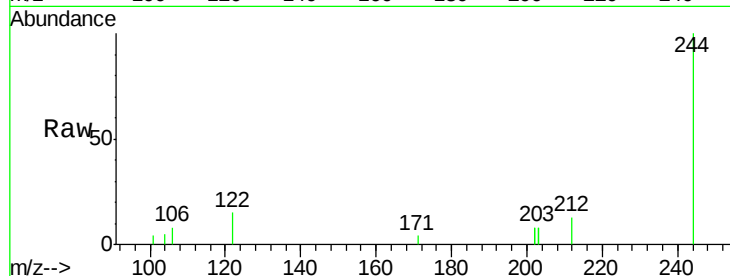
Tgt Ion:244 Resp: 1902

Ion Ratio Lower Upper

244 100

212 13.2 18.4 27.6#

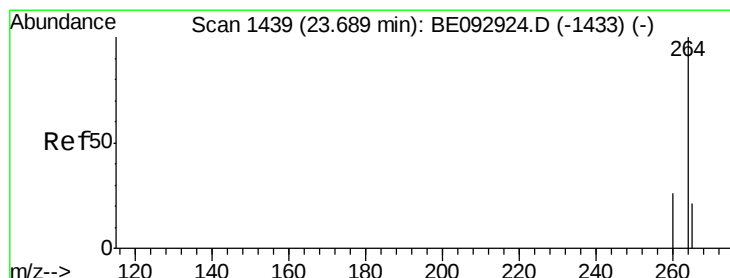
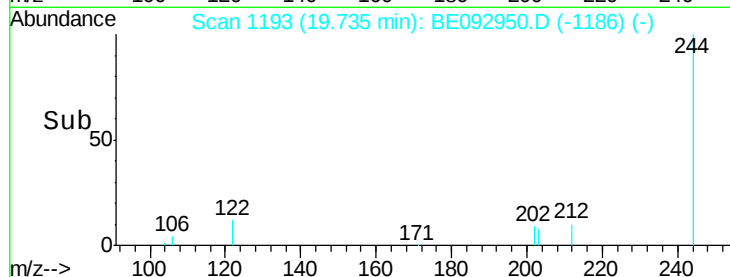
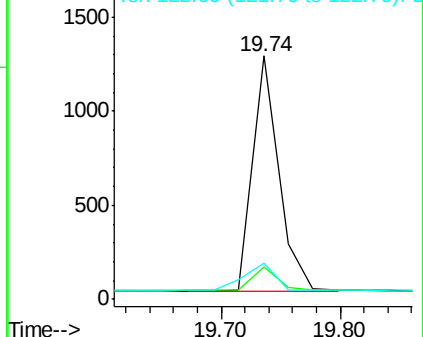
122 15.1 23.3 34.9#



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



#33

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE092950.D

Acq: 6 May 2017 3:50

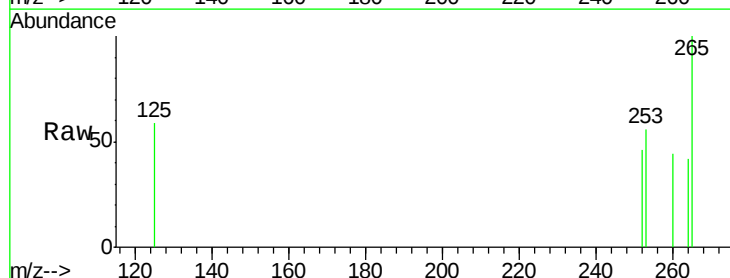
Tgt Ion:264 Resp: 16

Ion Ratio Lower Upper

264 100

260 103.8 23.5 35.3#

265 235.8 27.2 40.8#



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

