

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042117\
 Data File : BE092907.D
 Acq On : 21 Apr 2017 14:04
 Operator : SJ/MA
 Sample : PB98387BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98387BL

Quant Time: Apr 22 05:55:49 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 17:35:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	789	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	3163	0.40	ng	0.02
13) Acenaphthene-d10	14.39	164	1224	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2862	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2434	0.40	ng	0.00
33) Perylene-d12	23.69	264	1854	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	508	0.30	ng	0.01
5) Phenol-d6	6.94	99	699	0.29	ng	0.00
8) Nitrobenzene-d5	8.93	82	531	0.25	ng	0.02
11) 2-Methylnaphthalene-d10	12.13	152	1384	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	40	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	1664	0.30	ng	0.02
24) Fluoranthene-d10	19.15	212	1961	0.29	ng	0.00
28) Terphenyl-d14	19.74	244	1175	0.28	ng	0.00

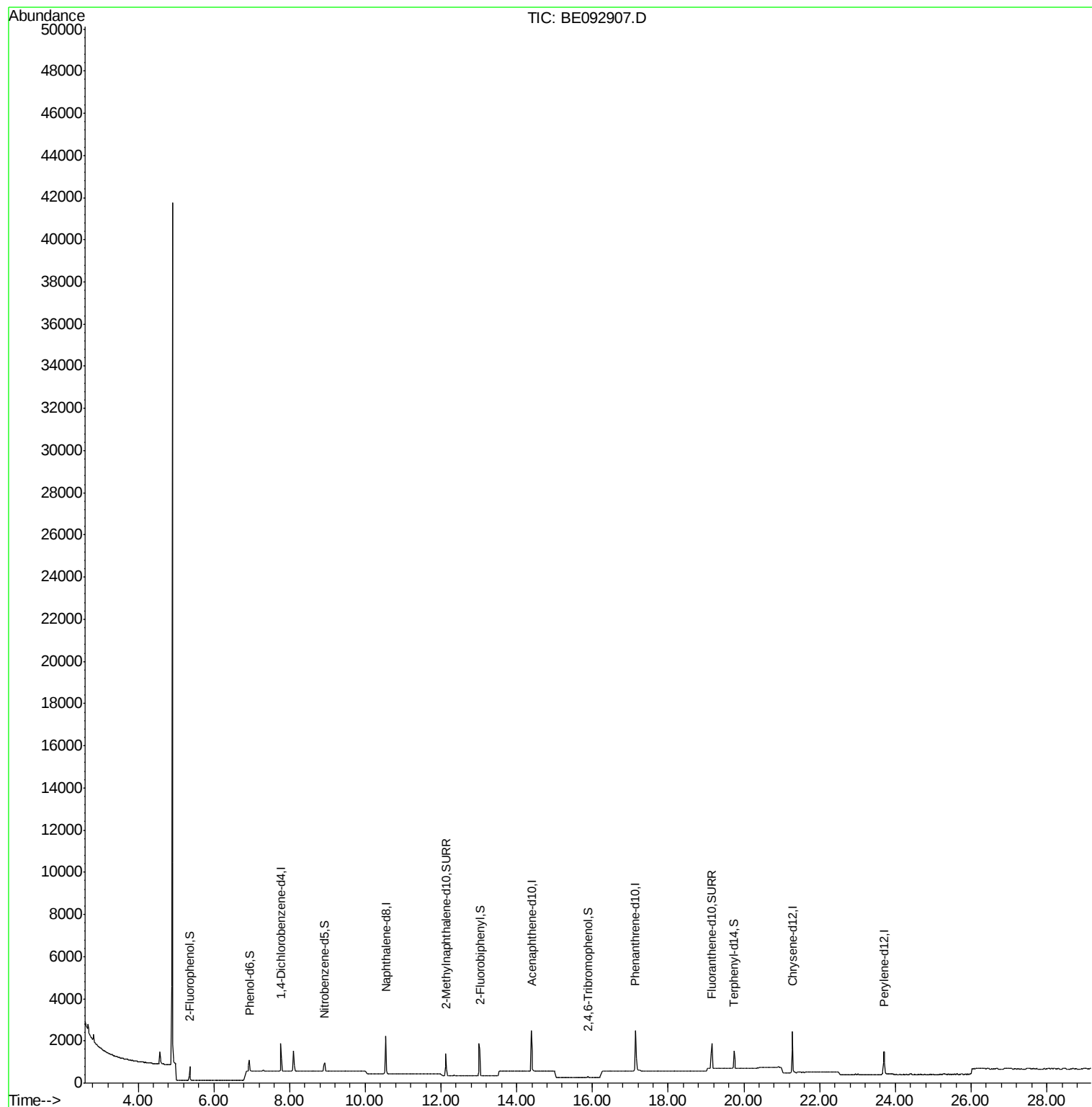
Target Compounds	Qvalue
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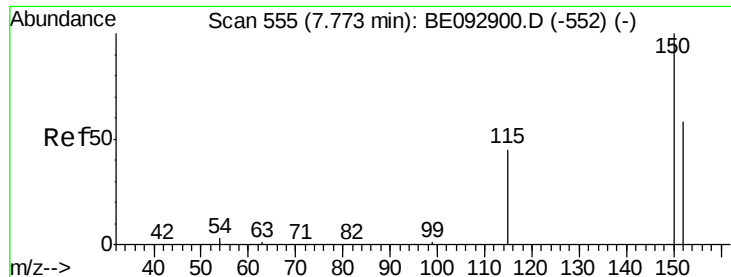
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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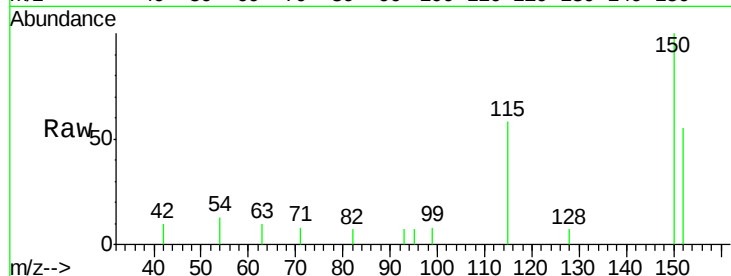


#1

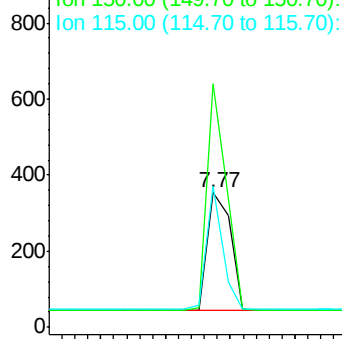
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Instrument :
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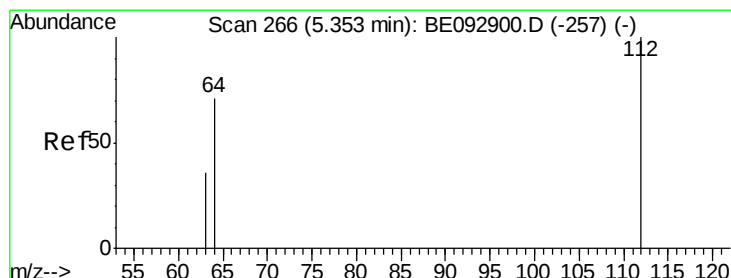
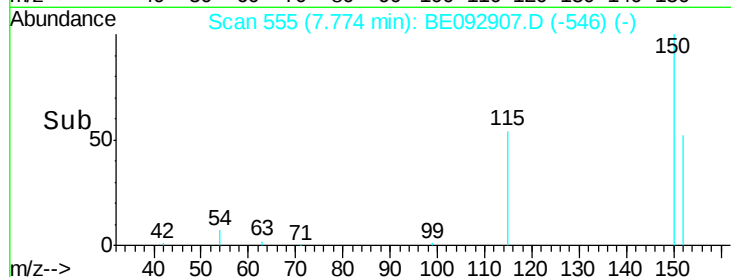
Tgt Ion:152 Resp: 789
Ion Ratio Lower Upper
152 100
150 180.8 129.9 194.9
115 104.8 62.6 93.8#



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



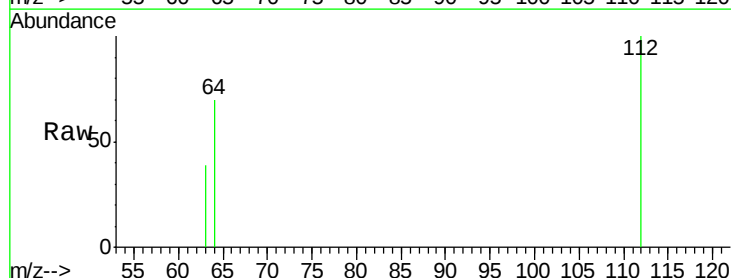
Time-->



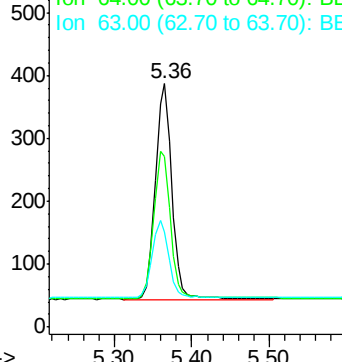
#4

2-Fluorophenol
Concen: 0.30 ng
RT: 5.36 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

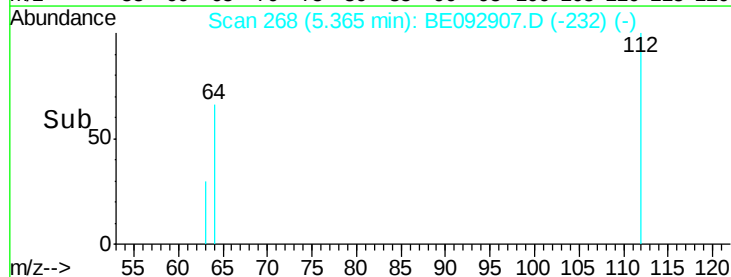
Tgt Ion:112 Resp: 508
Ion Ratio Lower Upper
112 100
64 68.5 52.6 79.0
63 34.6 29.0 43.4

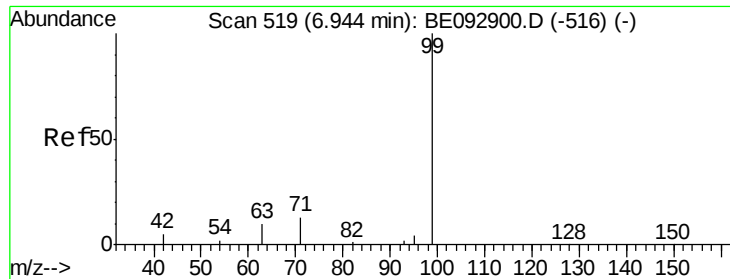


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.29 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

Instrument :

BNA_E

ClientSampleId :

PB98387BL

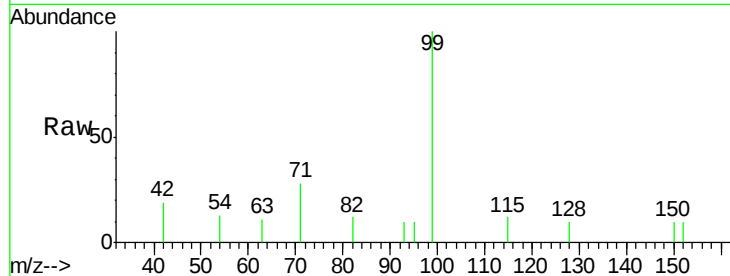
Tgt Ion: 99 Resp: 699

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

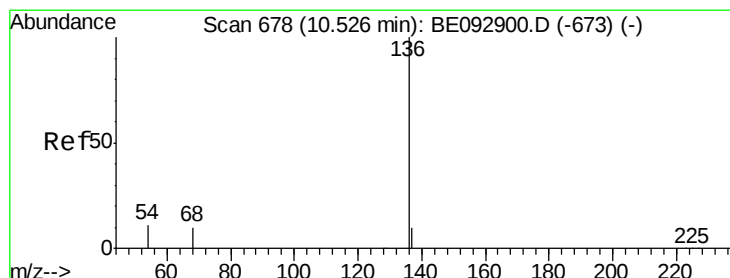
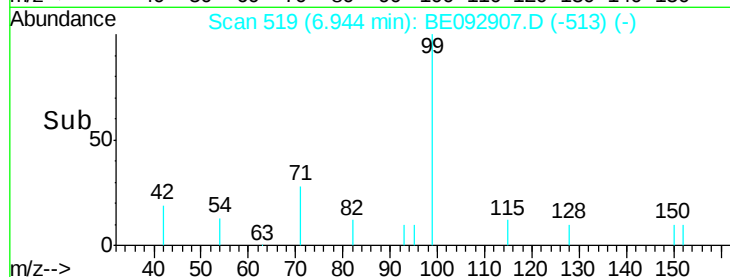
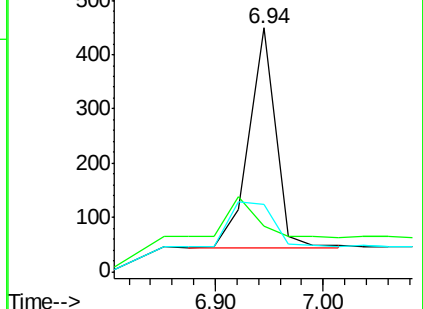
71 0.0 0.0 0.0



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: 10.55 min Scan# 679

Delta R.T. 0.02 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

Tgt Ion: 136 Resp: 3163

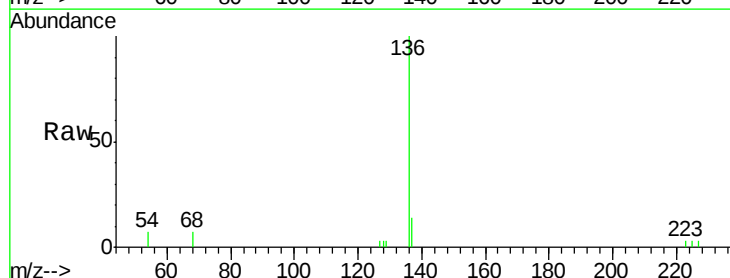
Ion Ratio Lower Upper

136 100

137 14.1 10.4 15.6

54 6.7 12.6 18.8#

68 6.7 10.7 16.1#

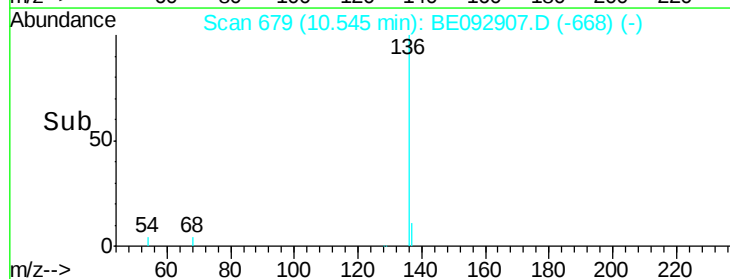
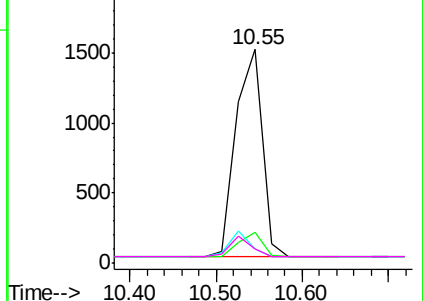


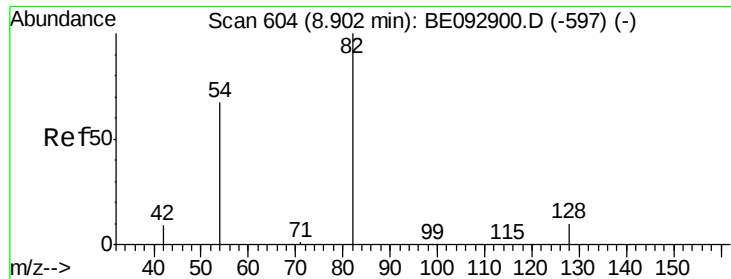
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.25 ng

RT: 8.93 min Scan# 605

Delta R.T. 0.02 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

Instrument :

BNA_E

ClientSampleId :

PB98387BL

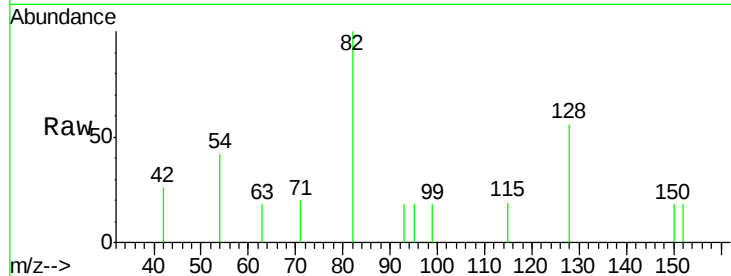
Tgt Ion: 82 Resp: 531

Ion Ratio Lower Upper

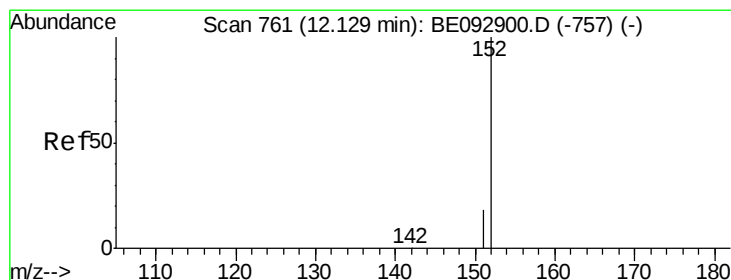
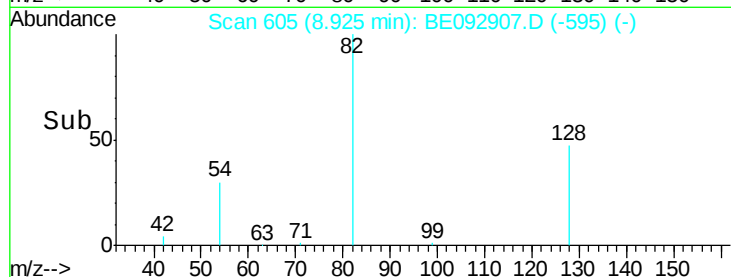
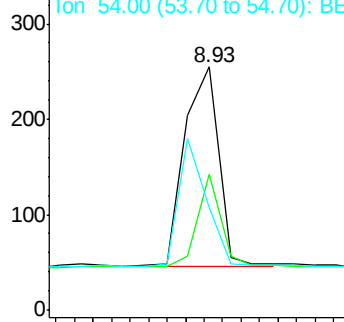
82 100

128 56.1 35.3 52.9#

54 42.4 65.1 97.7#



Abundance Ion 82.00 (81.70 to 82.70): BE092900.D (-597) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.30 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092907.D

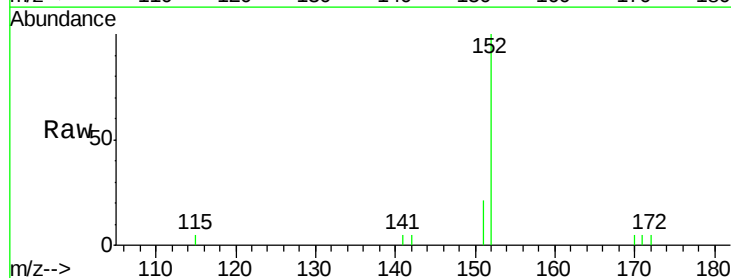
Acq: 21 Apr 2017 14:04

Tgt Ion: 152 Resp: 1384

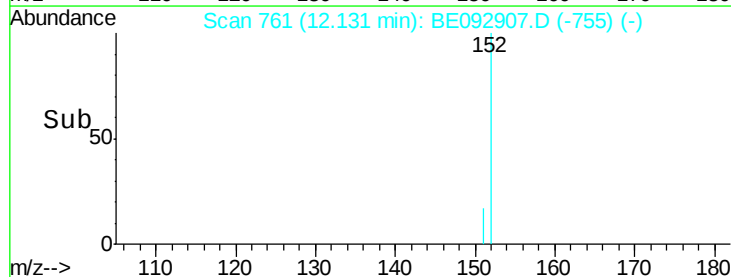
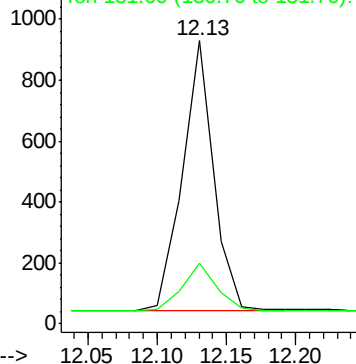
Ion Ratio Lower Upper

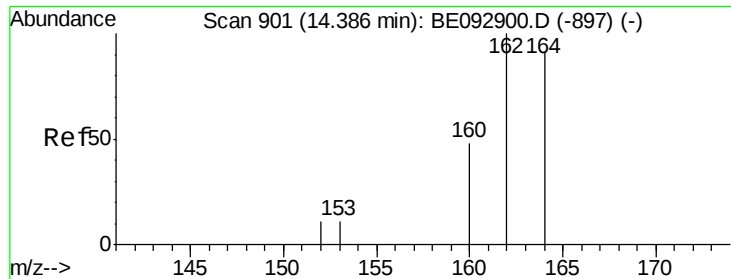
152 100

151 18.9 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): BE092900.D (-757) (-)





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

Instrument :

BNA_E

ClientSampleId :

PB98387BL

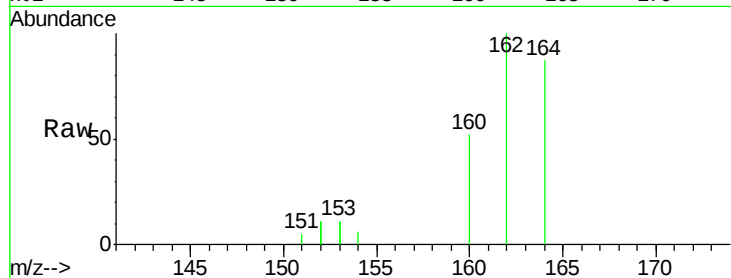
Tgt Ion:164 Resp: 1224

Ion Ratio Lower Upper

164 100

162 114.5 86.6 130.0

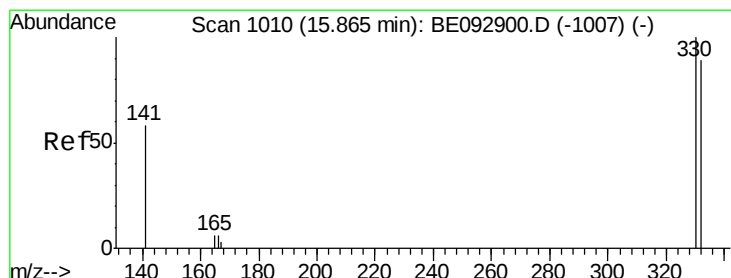
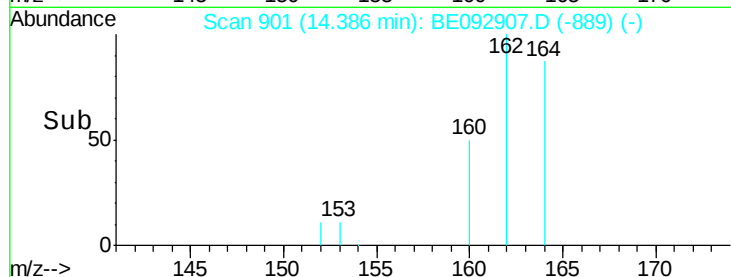
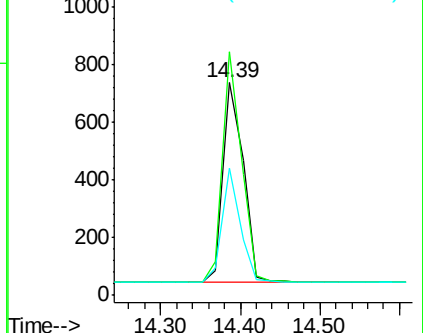
160 60.0 44.5 66.7



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: 0.20 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

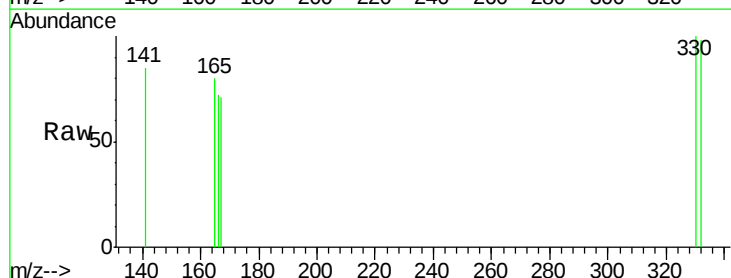
Tgt Ion:330 Resp: 40

Ion Ratio Lower Upper

330 100

332 100.0 69.1 103.7

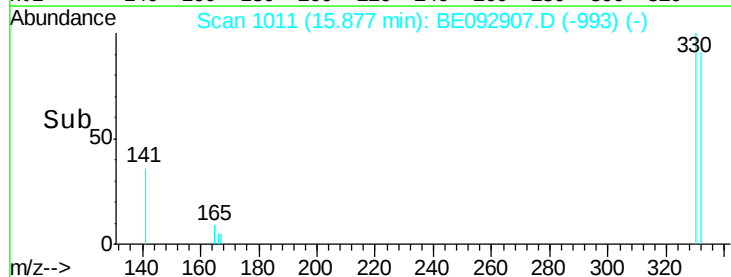
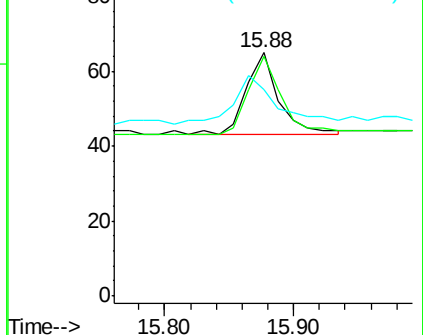
141 75.0 54.6 81.8

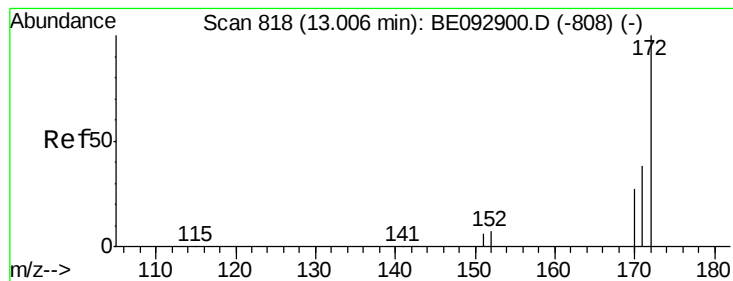


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.30 ng

RT: 13.02 min Scan# 819

Delta R.T. 0.02 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

Instrument :

BNA_E

ClientSampleId :

PB98387BL

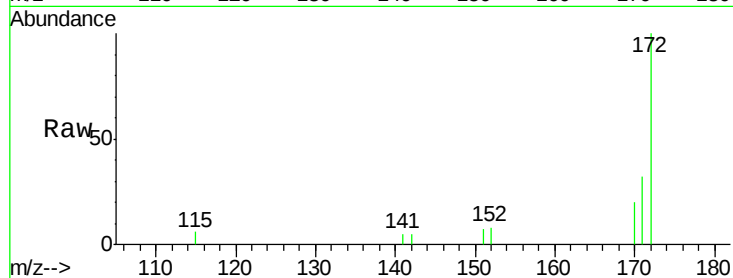
Tgt Ion:172 Resp: 1664

Ion Ratio Lower Upper

172 100

171 32.2 35.8 53.6#

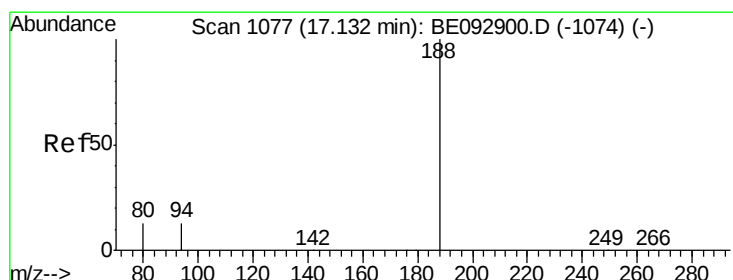
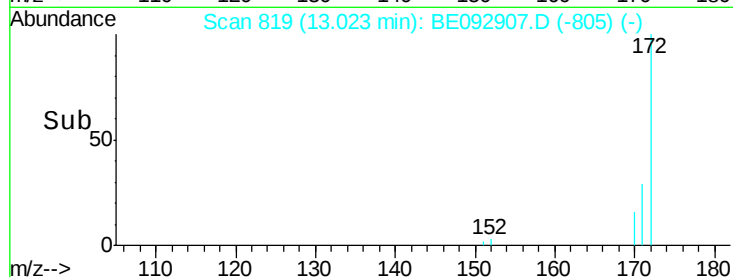
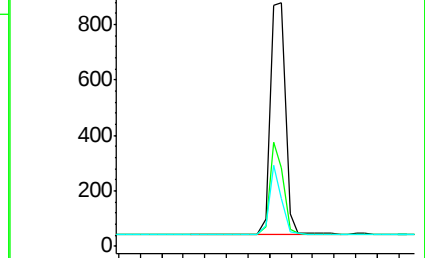
170 19.8 28.5 42.7#



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: BE092907.D

Acq: 21 Apr 2017 14:04

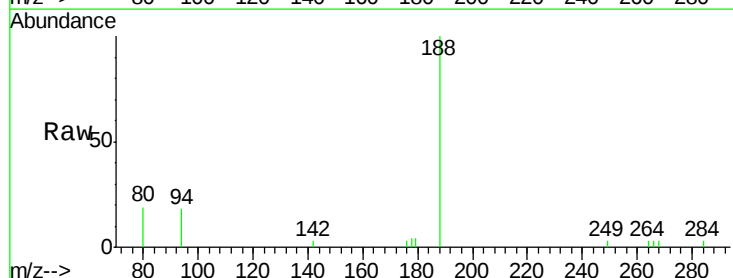
Tgt Ion:188 Resp: 2862

Ion Ratio Lower Upper

188 100

94 17.6 10.2 15.4#

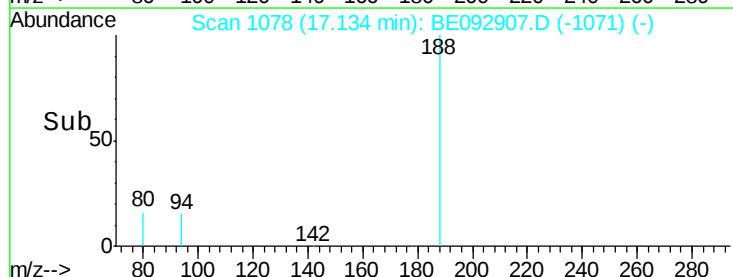
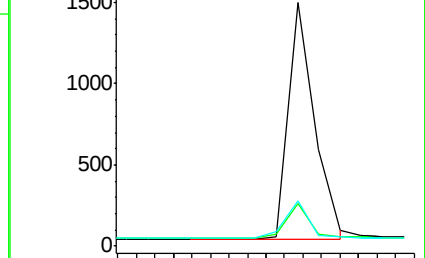
80 18.6 10.6 15.8#

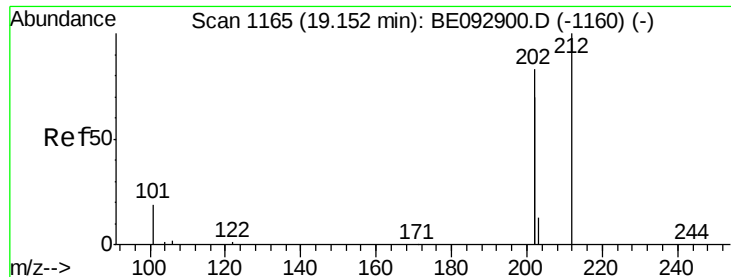


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#24

Fluoranthene-d10

Concen: 0.29 ng

RT: 19.15 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

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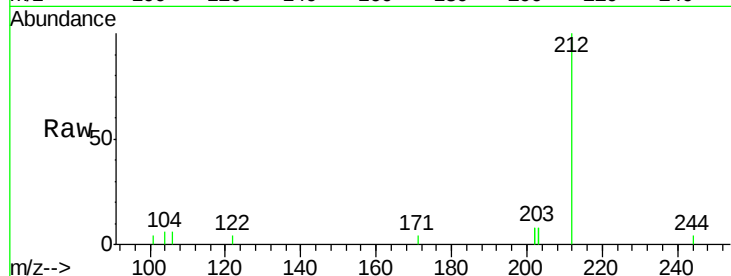
Tgt Ion:212 Resp: 1961

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

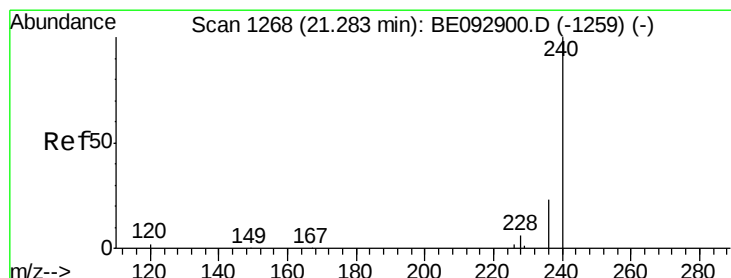
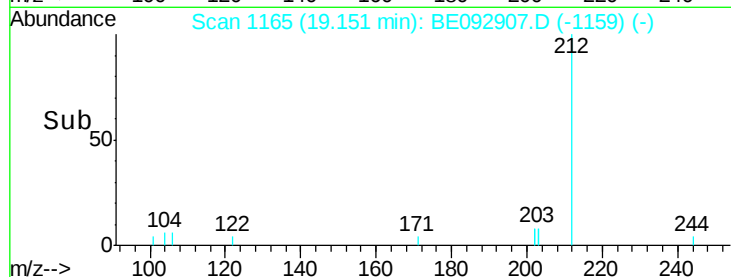
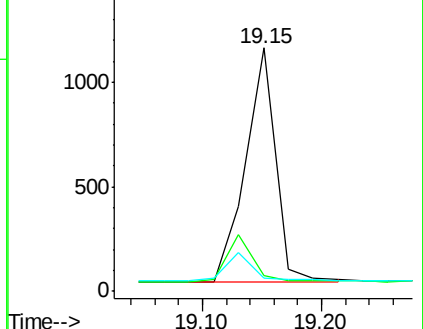
104 0.0 0.0 0.0



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

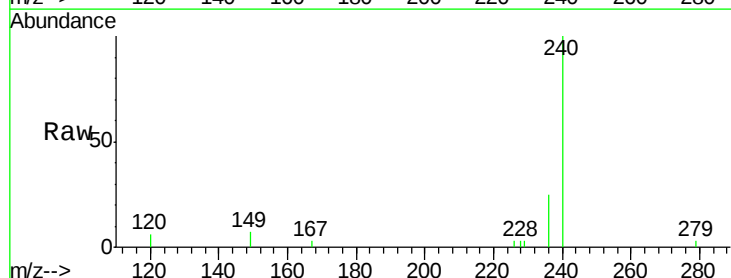
Tgt Ion:240 Resp: 2434

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

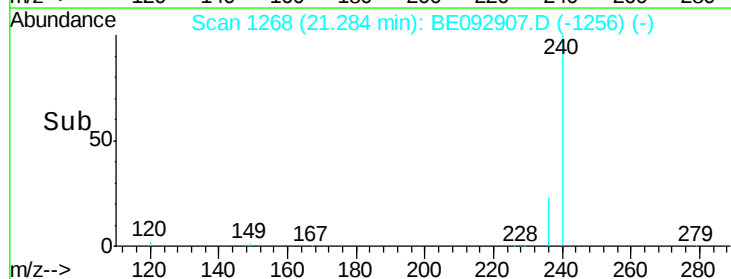
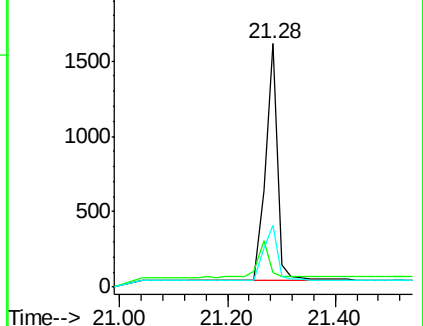
236 25.2 19.8 29.8

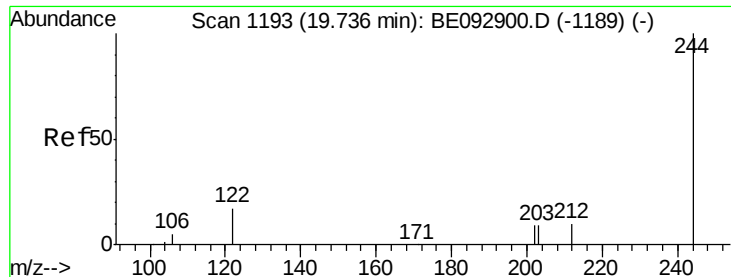


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.28 ng

RT: 19.74 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE092907.D

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PB98387BL

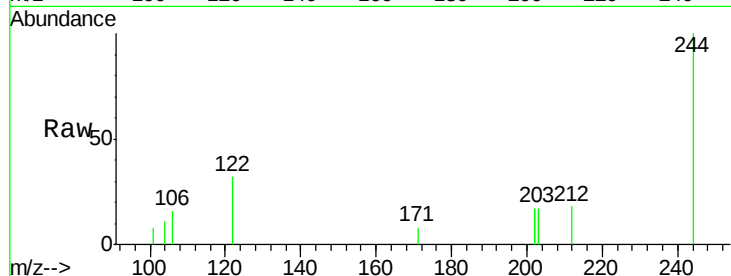
Tgt Ion:244 Resp: 1175

Ion Ratio Lower Upper

244 100

212 17.7 18.4 27.6#

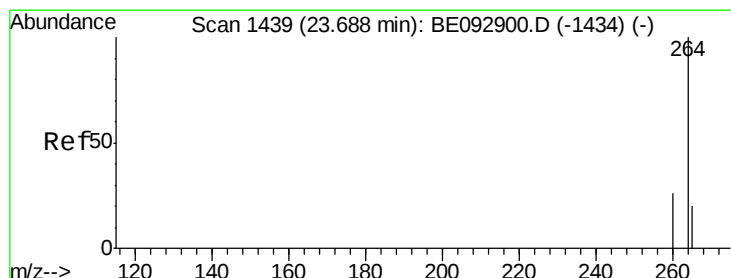
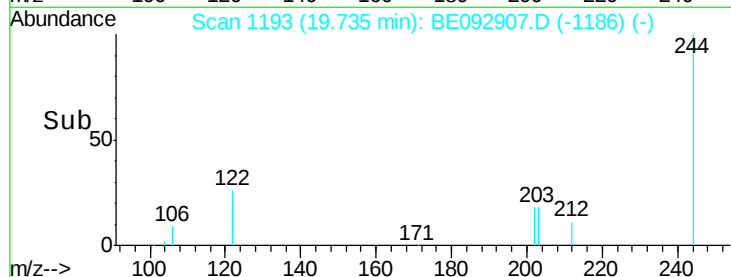
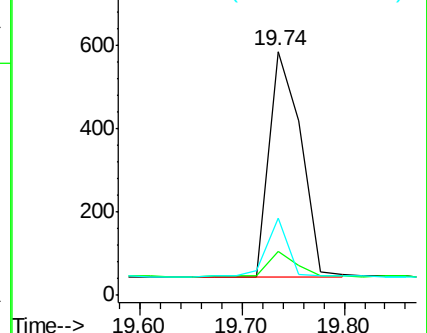
122 31.7 23.3 34.9



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: 23.69 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE092907.D

Acq: 21 Apr 2017 14:04

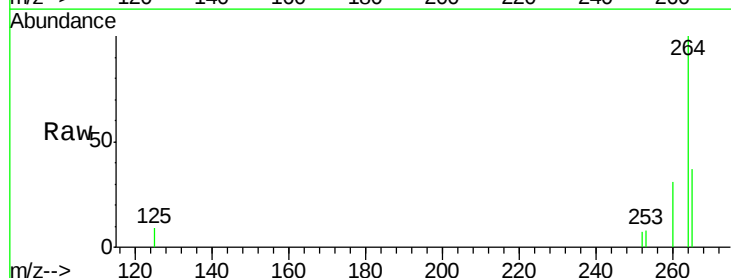
Tgt Ion:264 Resp: 1854

Ion Ratio Lower Upper

264 100

260 30.6 23.5 35.3

265 37.2 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

