

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042717\
 Data File : BE092919.D
 Acq On : 27 Apr 2017 17:51
 Operator : SJ/MA
 Sample : I2837-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170424

Quant Time: Apr 28 04:18:21 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	759	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2964	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1243	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3367	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3169	0.40	ng	0.00
33) Perylene-d12	23.69	264	2571	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	252	0.15	ng	0.00
5) Phenol-d6	6.95	99	213	0.09	ng	0.00
8) Nitrobenzene-d5	8.90	82	665	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1758	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	61	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2829	0.50	ng	0.00
24) Fluoranthene-d10	19.15	212	3387	0.42	ng	0.00
28) Terphenyl-d14	19.73	244	2757	0.50	ng	0.00

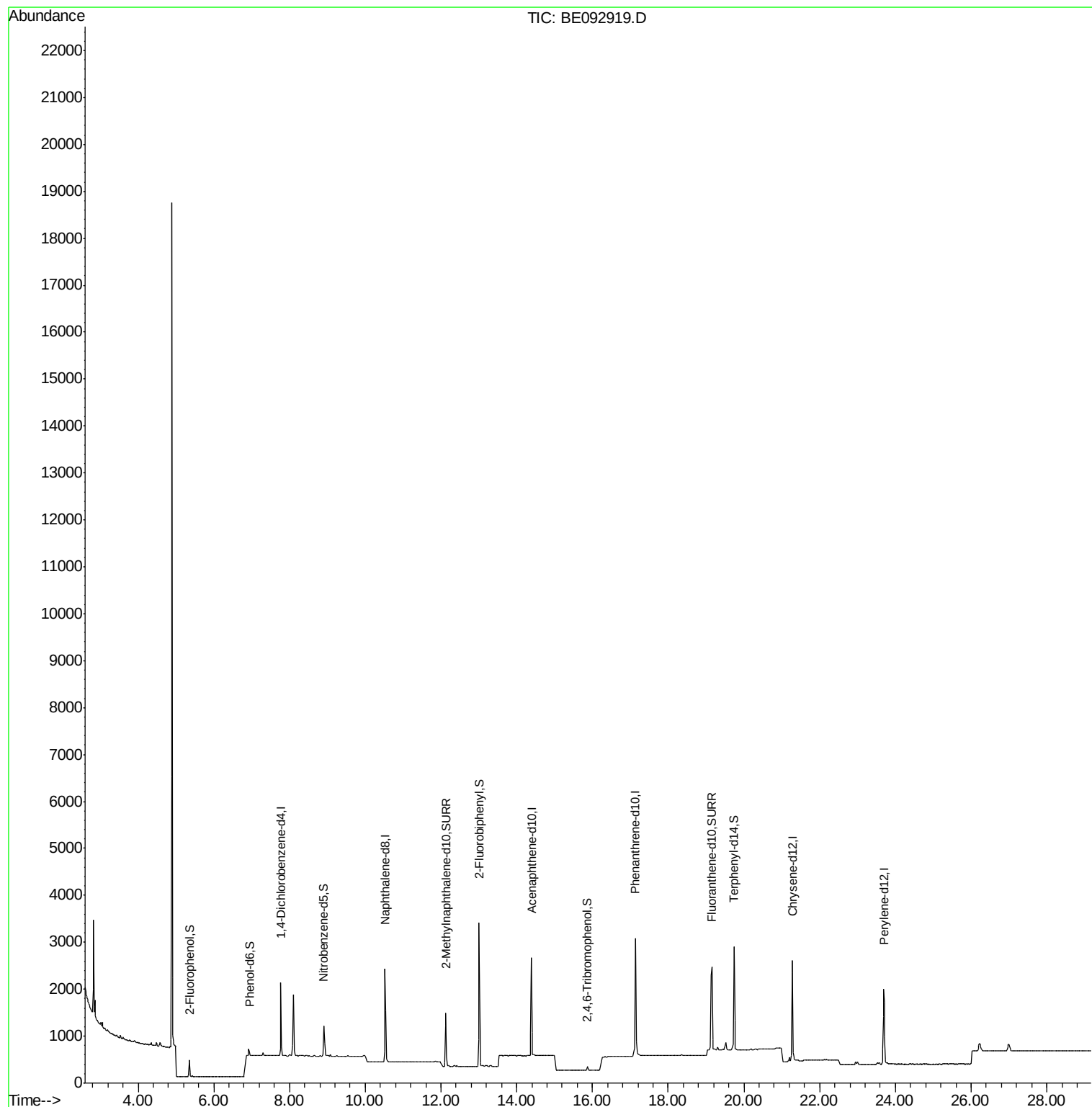
Target Compounds	Qvalue
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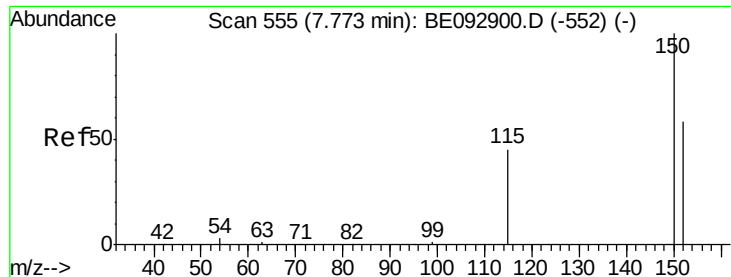
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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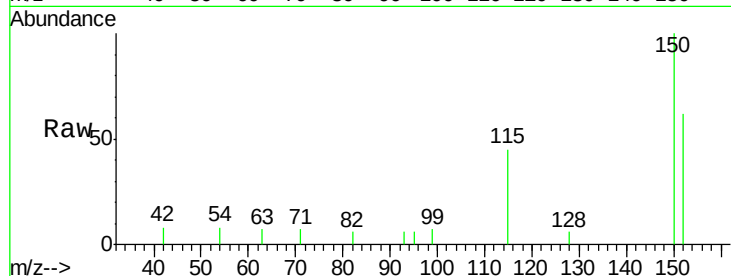


#1

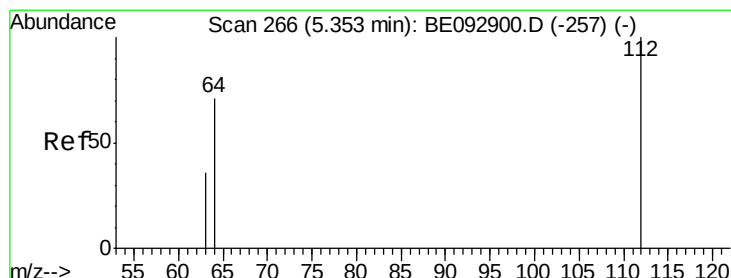
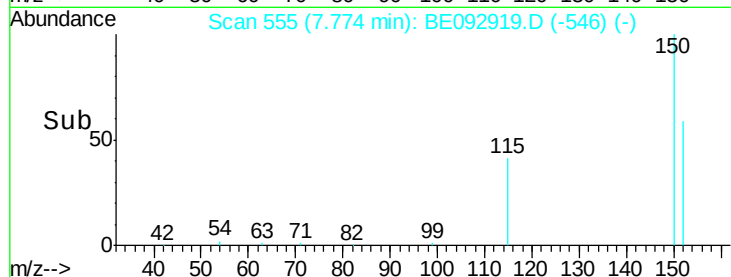
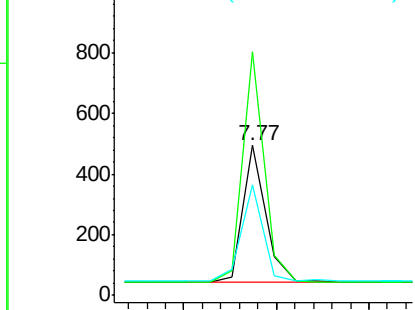
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092919.D
Acq: 27 Apr 2017 17:51

Instrument :
BNA_E
ClientSampleId :
KY038PS034-170424

Tgt Ion:152 Resp: 759
Ion Ratio Lower Upper
152 100
150 162.6 129.9 194.9
115 73.5 62.6 93.8



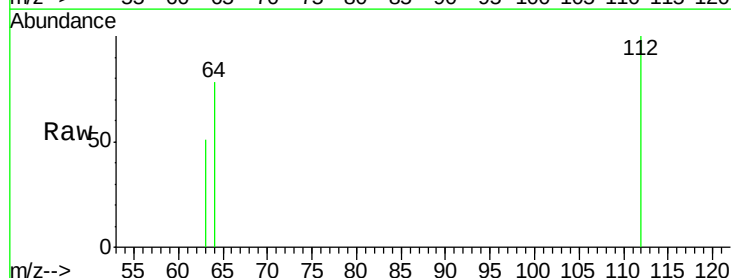
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



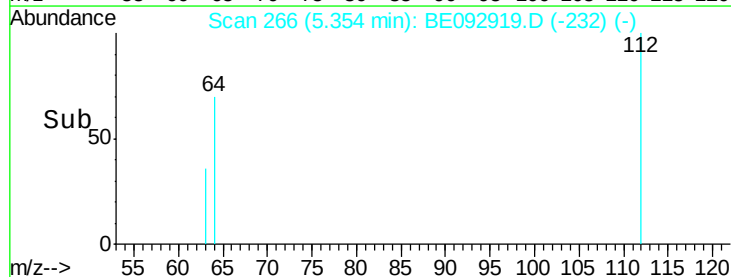
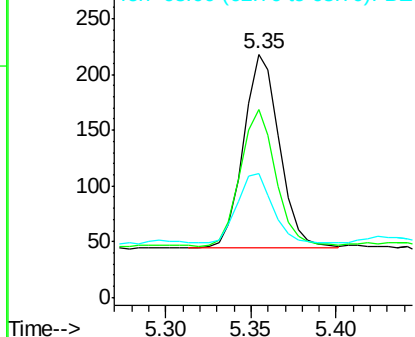
#4

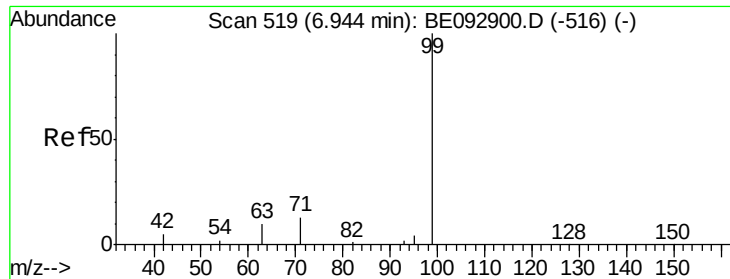
2-Fluorophenol
Concen: 0.15 ng
RT: 5.35 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE092919.D
Acq: 27 Apr 2017 17:51

Tgt Ion:112 Resp: 252
Ion Ratio Lower Upper
112 100
64 70.6 52.6 79.0
63 36.9 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: 0.09 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170424

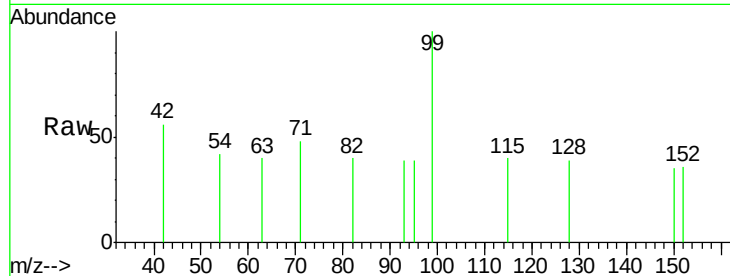
Tgt Ion: 99 Resp: 213

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

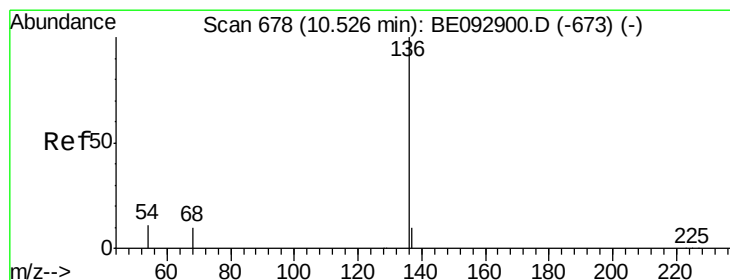
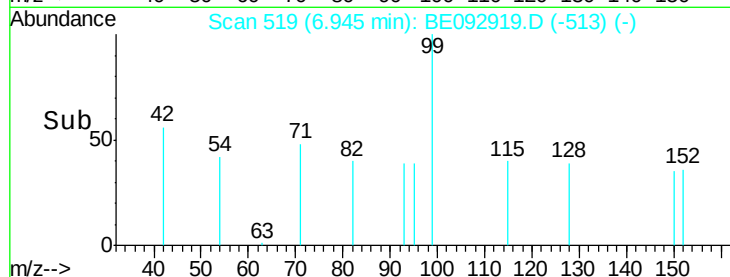
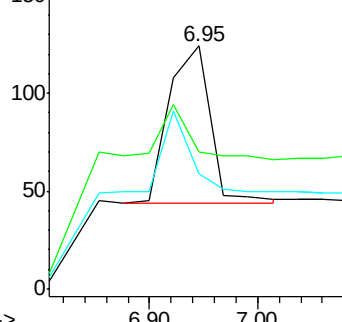
71 0.0 0.0 0.0



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: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

Tgt Ion: 136 Resp: 2964

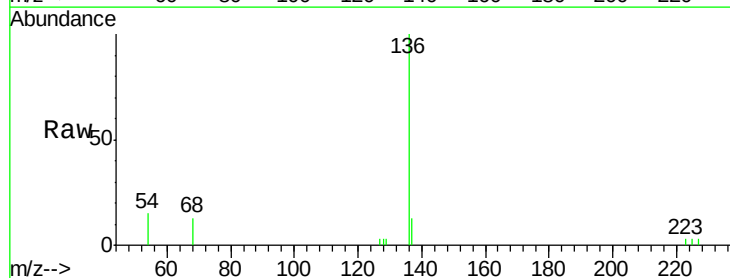
Ion Ratio Lower Upper

136 100

137 12.7 10.4 15.6

54 14.9 12.6 18.8

68 12.8 10.7 16.1

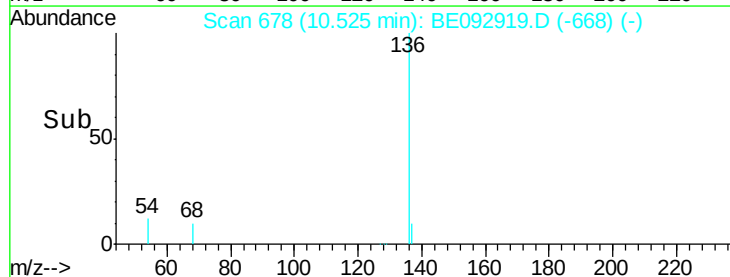
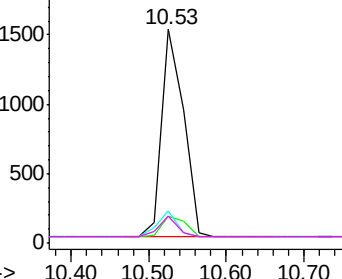


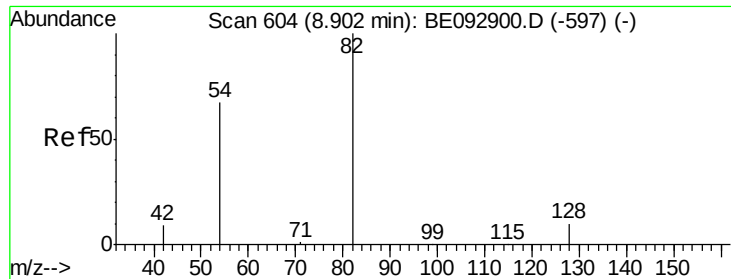
Abundance Ion 136.00 (135.70 to 136.70): E

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

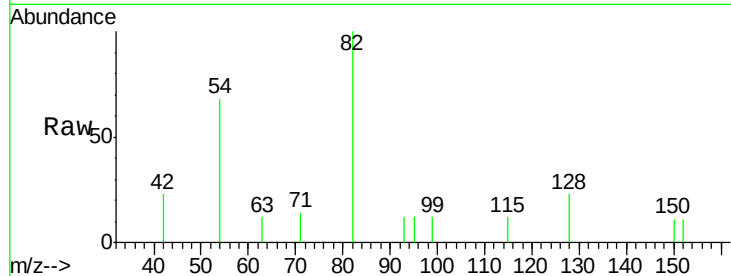




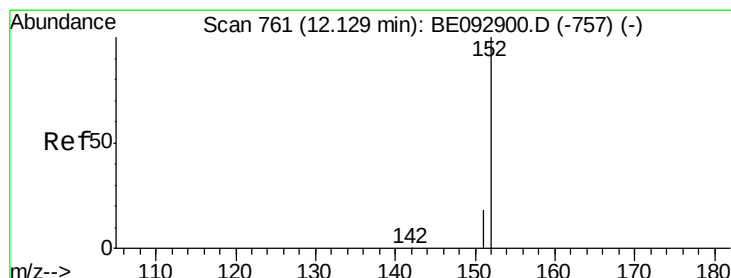
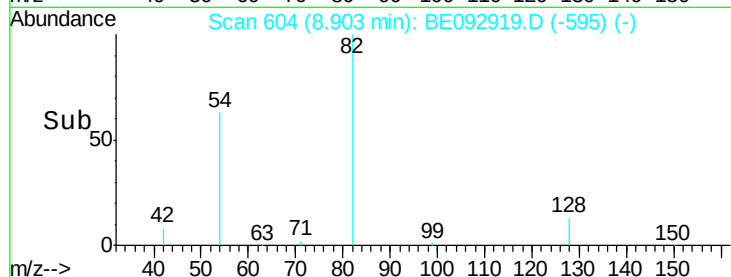
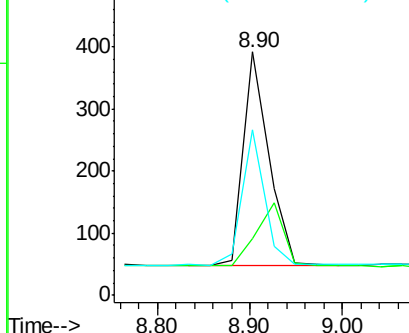
#8
 Nitrobenzene-d5
 Concen: 0.34 ng
 RT: 8.90 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BE092919.D
 Acq: 27 Apr 2017 17:51

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170424

Tgt Ion: 82 Resp: 665
 Ion Ratio Lower Upper
 82 100
 128 23.2 35.3 52.9#
 54 68.1 65.1 97.7

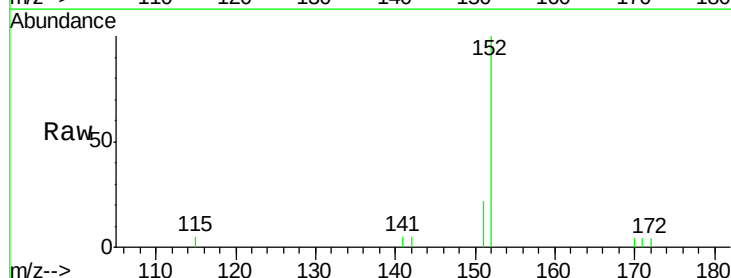


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

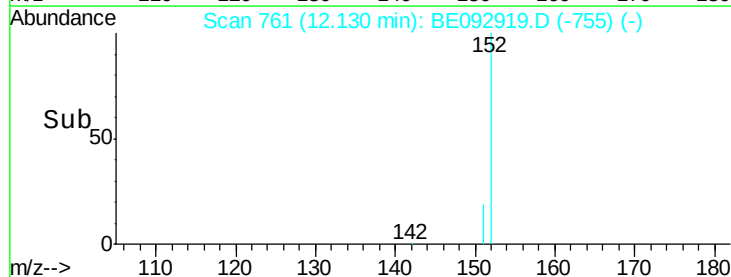
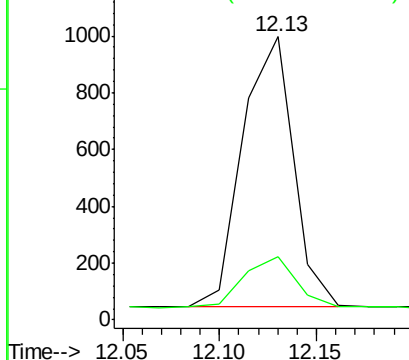


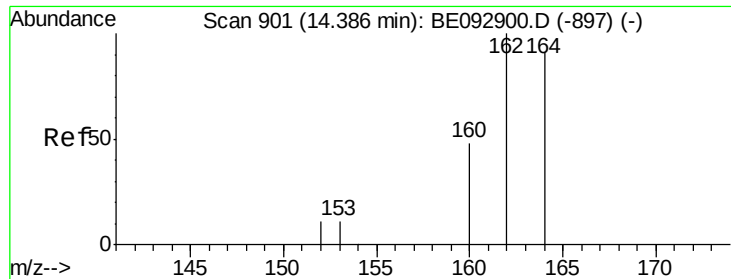
#11
 2-Methylnaphthalene-d10
 Concen: 0.40 ng
 RT: 12.13 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE092919.D
 Acq: 27 Apr 2017 17:51

Tgt Ion: 152 Resp: 1758
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.7 23.5



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: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170424

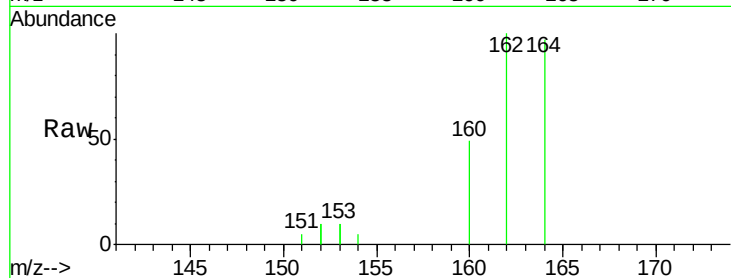
Tgt Ion:164 Resp: 1243

Ion Ratio Lower Upper

164 100

162 103.1 86.6 130.0

160 50.6 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

1200

1000

800

600

400

200

0

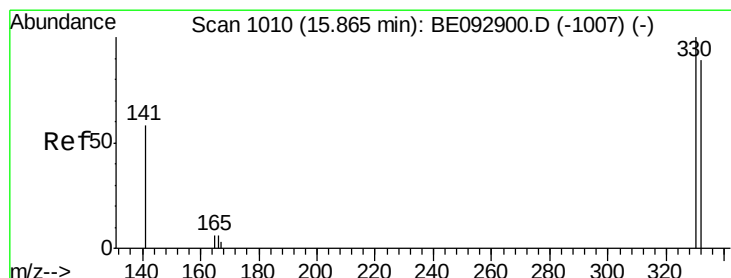
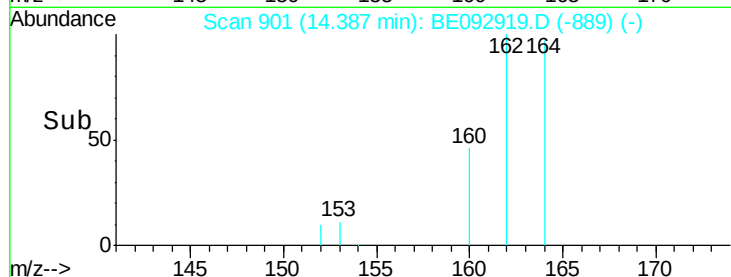
14.39

14.30

14.40

14.50

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.30 ng

RT: 15.86 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

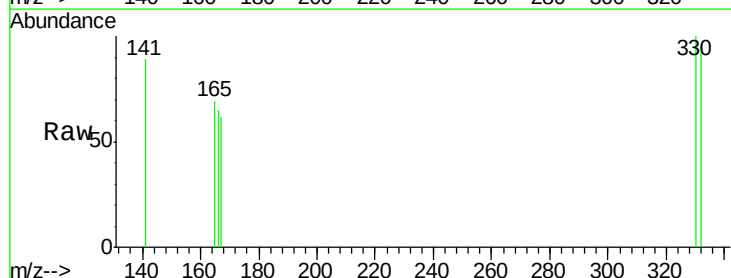
Tgt Ion:330 Resp: 61

Ion Ratio Lower Upper

330 100

332 106.6 69.1 103.7#

141 59.0 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

100

80

60

40

20

0

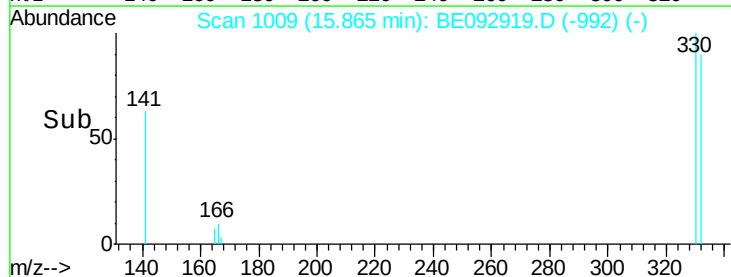
15.86

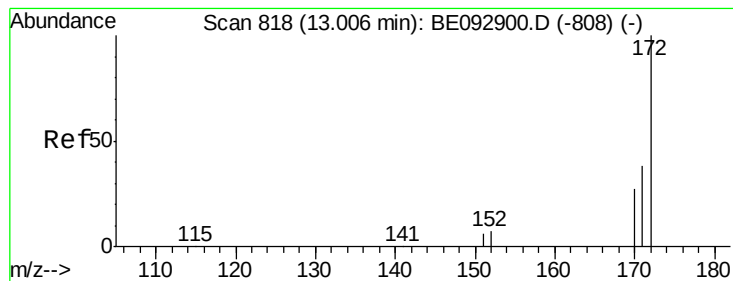
15.80

15.90

16.00

Time-->





#15

2-Fluorobiphenyl

Concen: 0.50 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170424

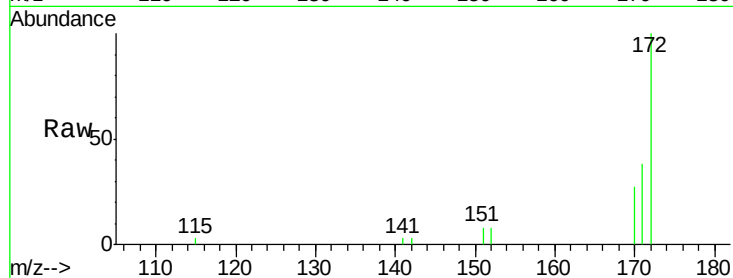
Tgt Ion:172 Resp: 2829

Ion Ratio Lower Upper

172 100

171 38.2 35.8 53.6

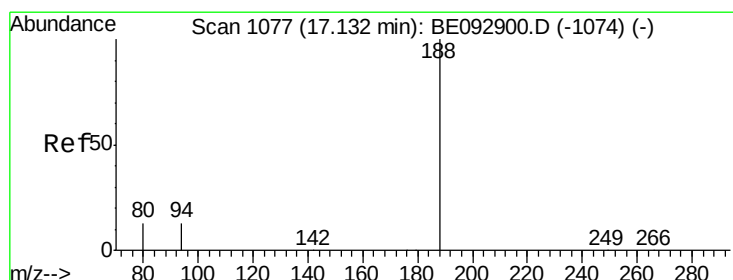
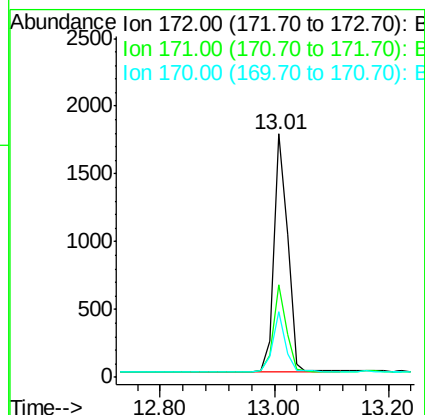
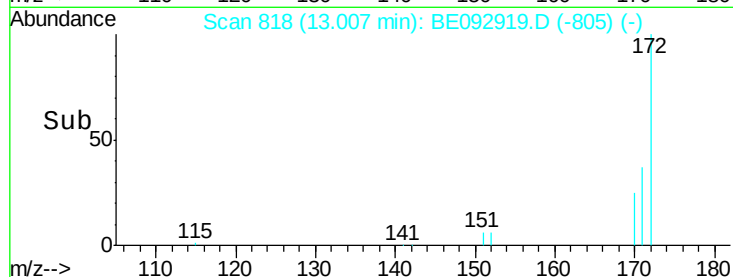
170 27.1 28.5 42.7#



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# 1077

Delta R.T. 0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

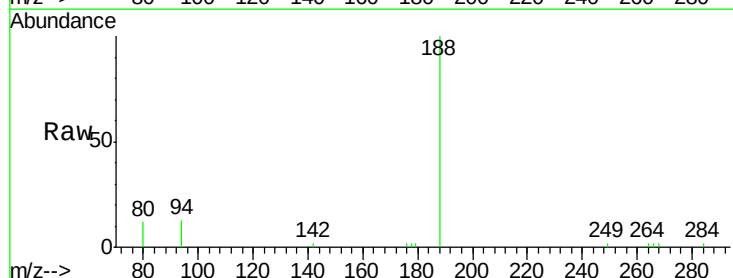
Tgt Ion:188 Resp: 3367

Ion Ratio Lower Upper

188 100

94 12.5 10.2 15.4

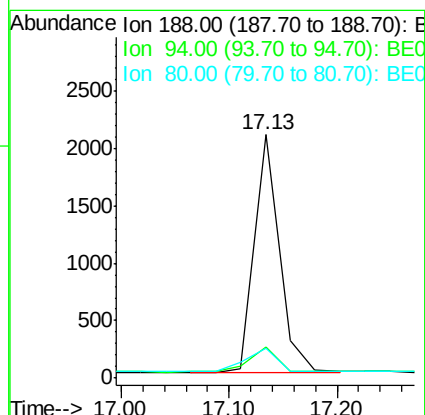
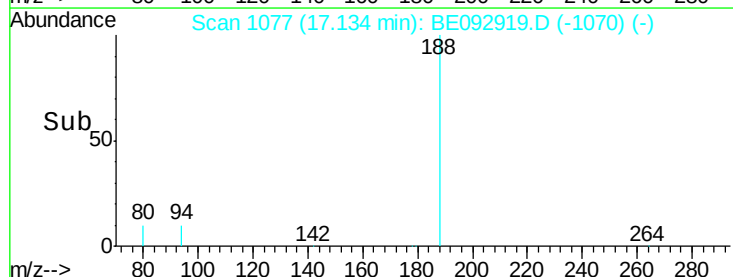
80 12.4 10.6 15.8

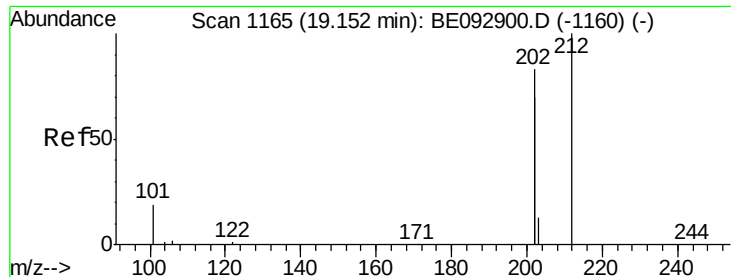


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#24

Fluoranthene-d10

Concen: 0.42 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170424

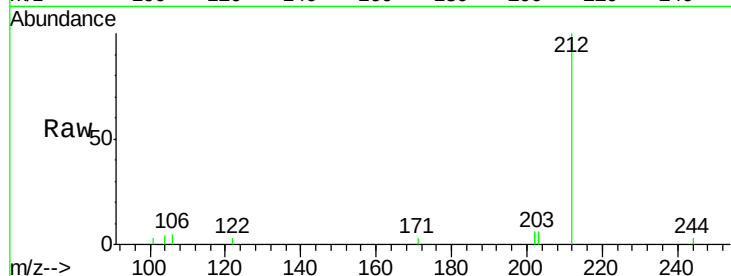
Tgt Ion:212 Resp: 3387

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

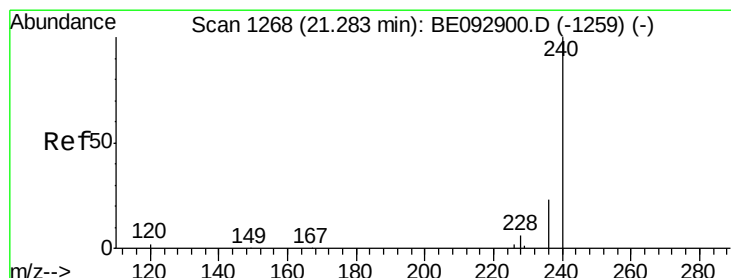
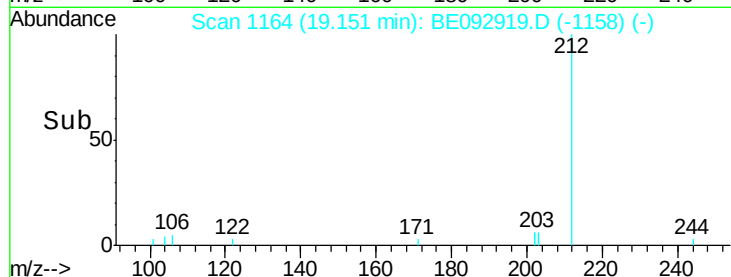
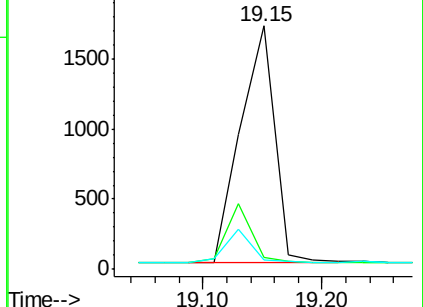
104 0.0 0.0 0.0



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# 1267

Delta R.T. 0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

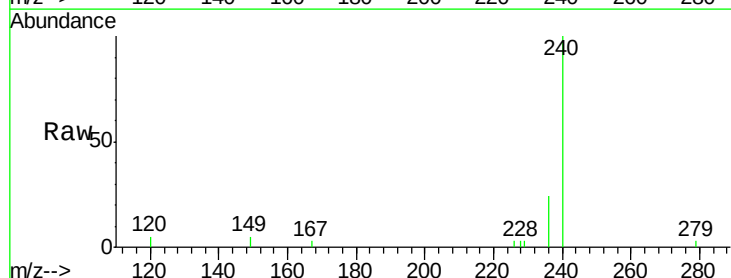
Tgt Ion:240 Resp: 3169

Ion Ratio Lower Upper

240 100

120 4.7 4.6 6.8

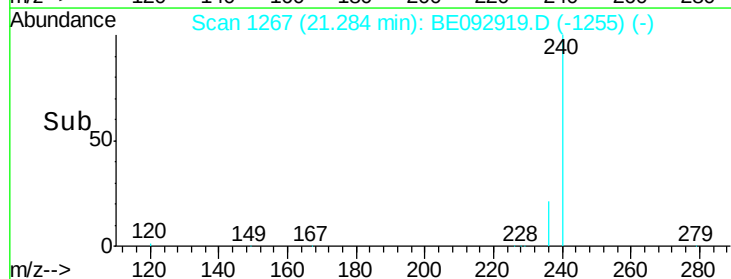
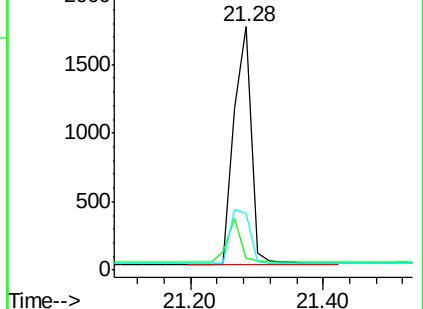
236 23.5 19.8 29.8

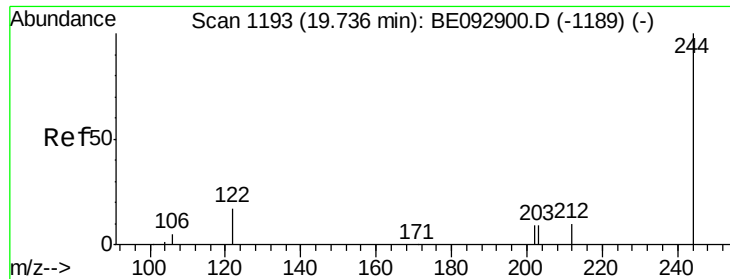


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.50 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170424

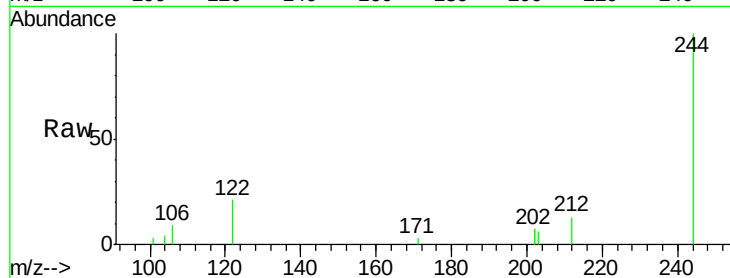
Tgt Ion:244 Resp: 2757

Ion Ratio Lower Upper

244 100

212 12.6 18.4 27.6#

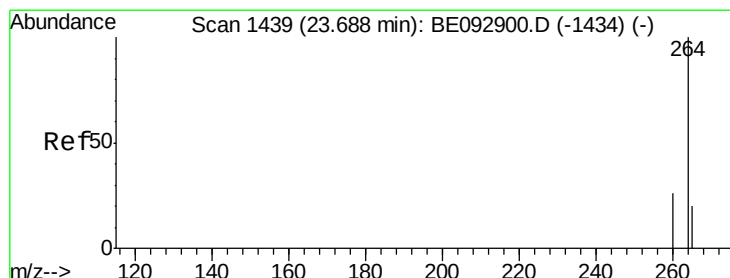
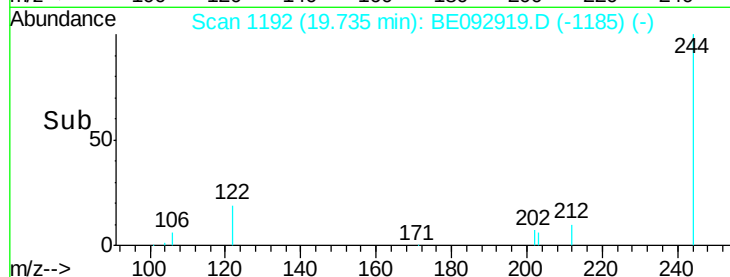
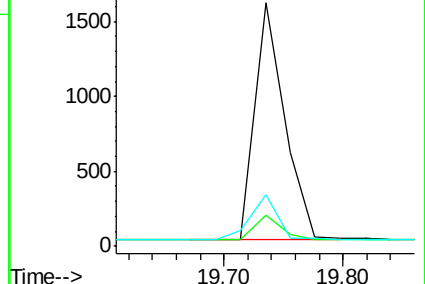
122 21.0 23.3 34.9#



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# 1438

Delta R.T. 0.00 min

Lab File: BE092919.D

Acq: 27 Apr 2017 17:51

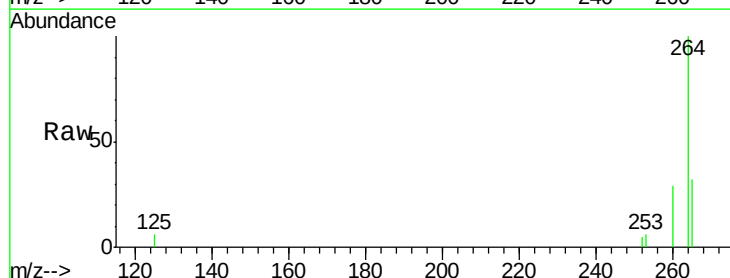
Tgt Ion:264 Resp: 2571

Ion Ratio Lower Upper

264 100

260 28.6 23.5 35.3

265 31.9 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

