

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094462.D
 Acq On : 20 Oct 2017 1:11
 Operator : SJ/JU
 Sample : I5819-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3919-FB

Quant Time: Oct 20 13:59:09 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1237	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	6151	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3811	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	7735	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9292	0.40	ng	0.00
34) Perylene-d12	23.95	264	8965	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	592	0.14	ng	0.01
5) Phenol-d6	7.15	99	582	0.09	ng	0.02
8) Nitrobenzene-d5	9.08	82	2404	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4550	0.48	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	597	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6778	0.50	ng	0.00
25) Fluoranthene-d10	19.28	212	51935	0.42	ng	0.00
29) Terphenyl-d14	19.86	244	9833	0.52	ng	0.00

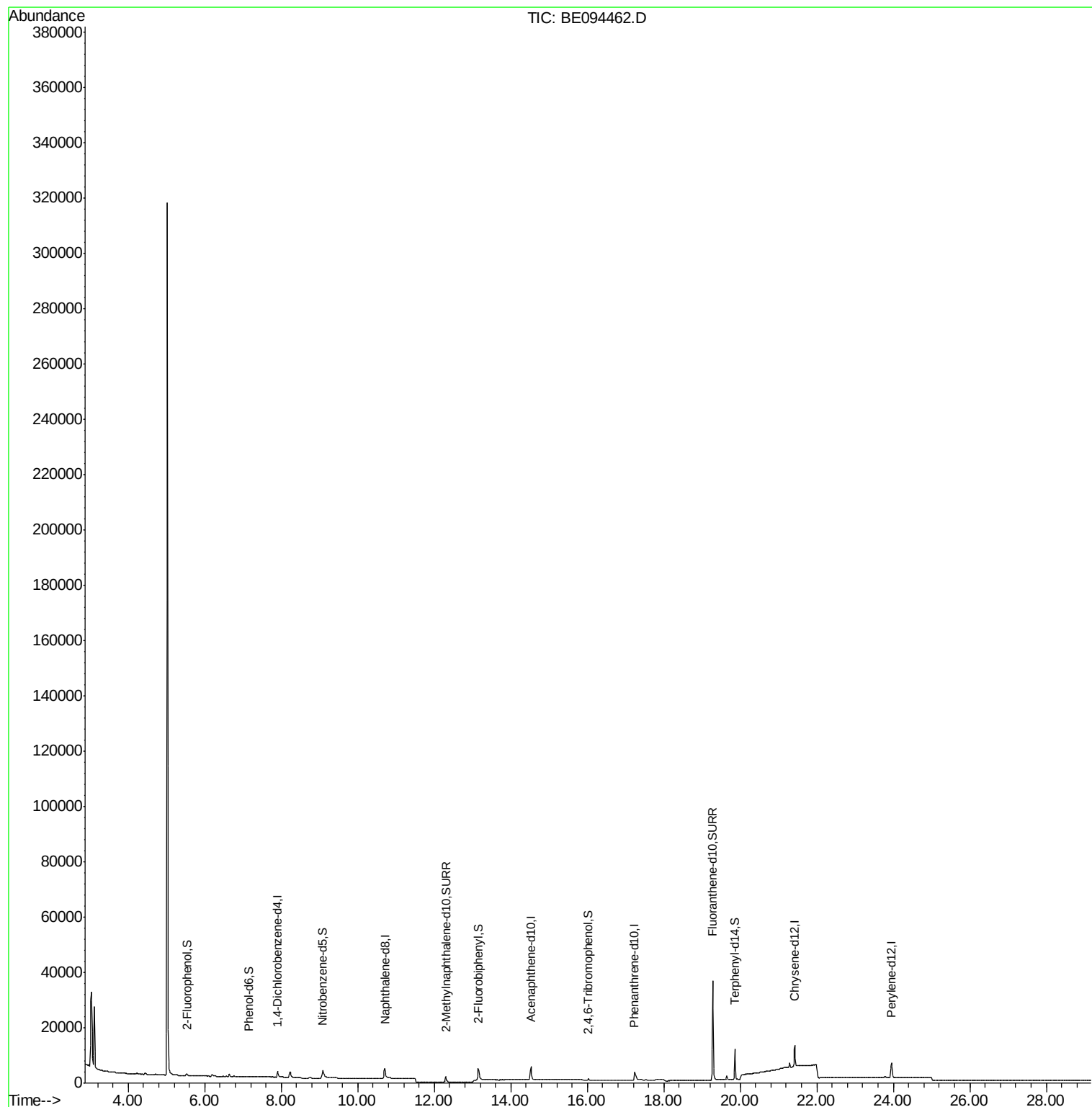
Target Compounds	Qvalue

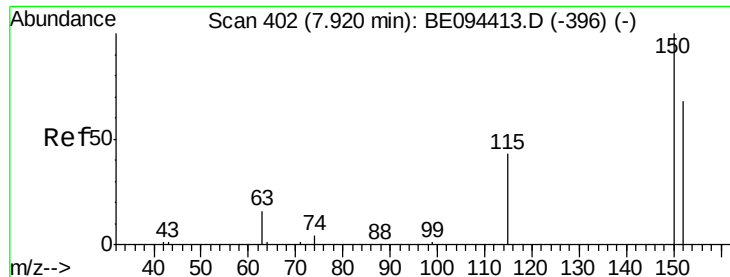
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. -0.01 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

Instrument :

BNA_E

ClientSampled :

3919-FB

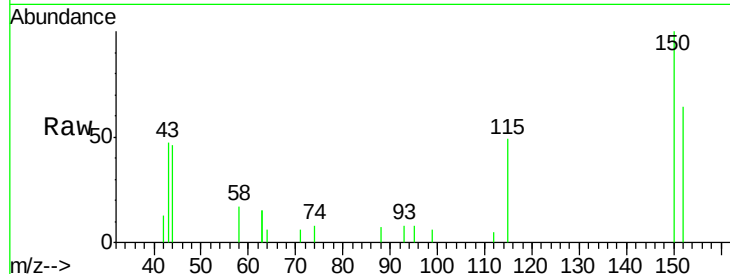
Tgt Ion:152 Resp: 1237

Ion Ratio Lower Upper

152 100

150 156.3 117.2 175.8

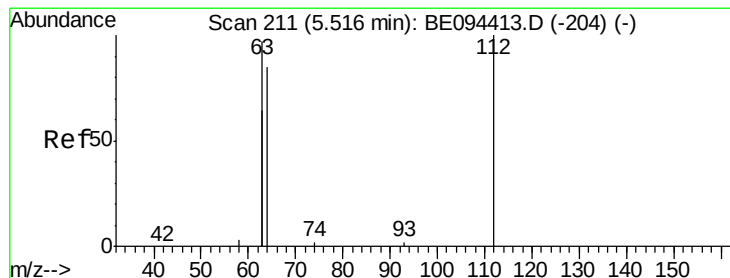
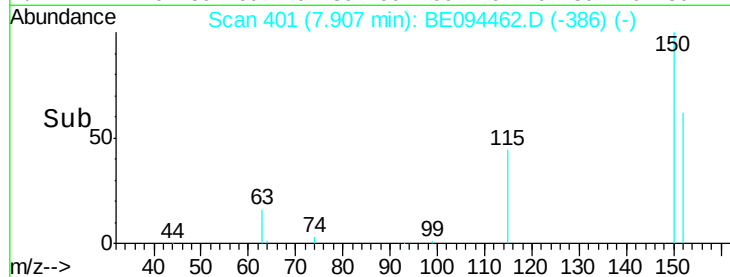
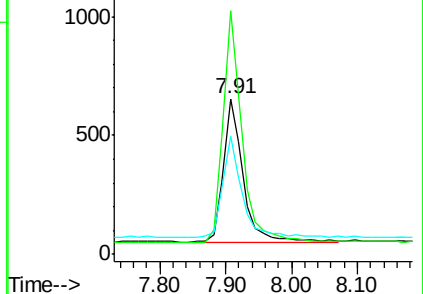
115 76.2 57.0 85.6



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: 0.142 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

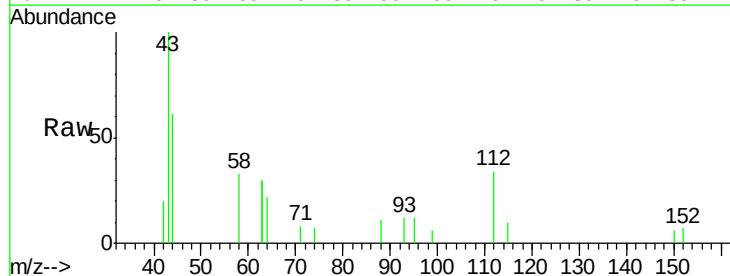
Tgt Ion:112 Resp: 592

Ion Ratio Lower Upper

112 100

64 71.3 60.1 90.1

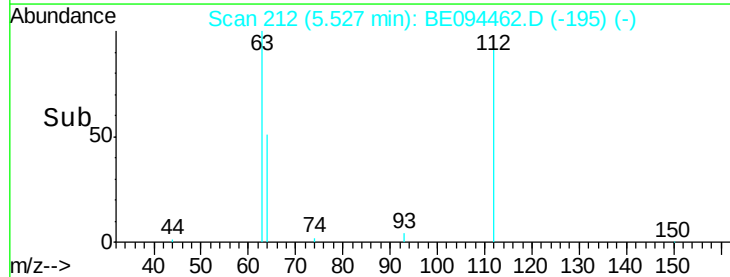
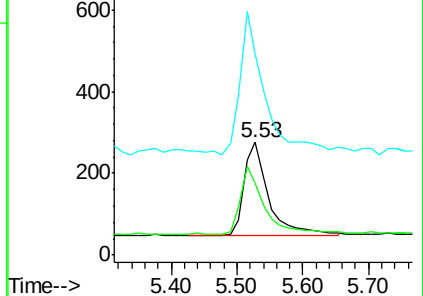
63 146.8 116.8 175.2

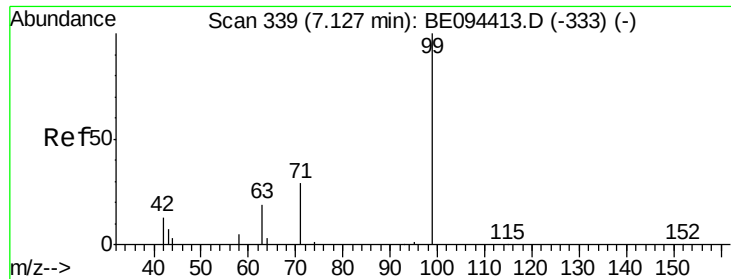


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.089 ng

RT: 7.15 min Scan# 341

Delta R.T. 0.02 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

Instrument :

BNA_E

ClientSampleId :

3919-FB

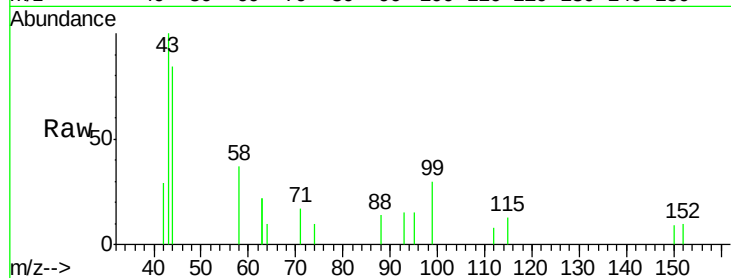
Tgt Ion: 99 Resp: 582

Ion Ratio Lower Upper

99 100

42 18.6 20.2 30.2#

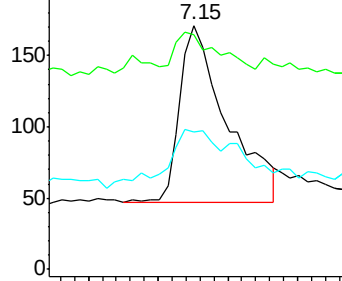
71 34.2 28.4 42.6



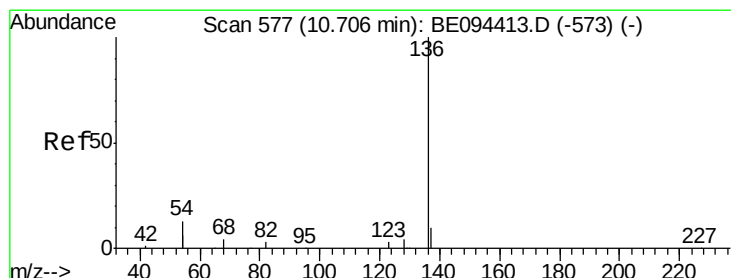
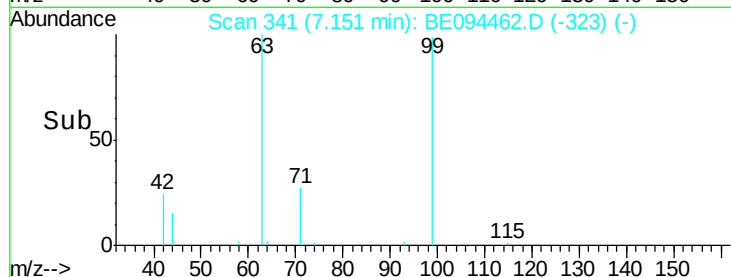
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

Tgt Ion: 136 Resp: 6151

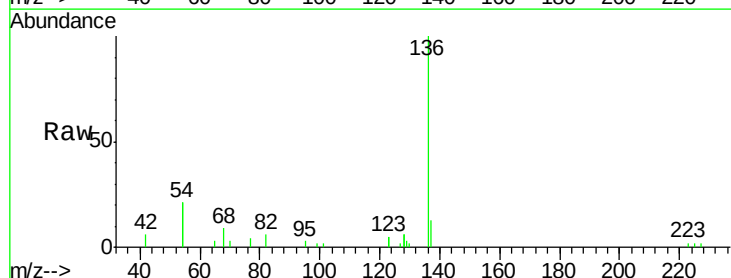
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 42.4 29.1 43.7

68 8.8 6.2 9.2

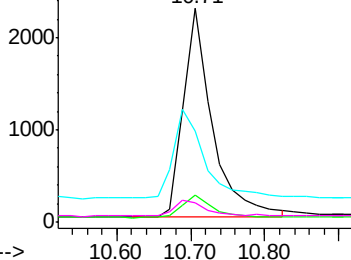


Abundance Ion 136.00 (135.70 to 136.70): E

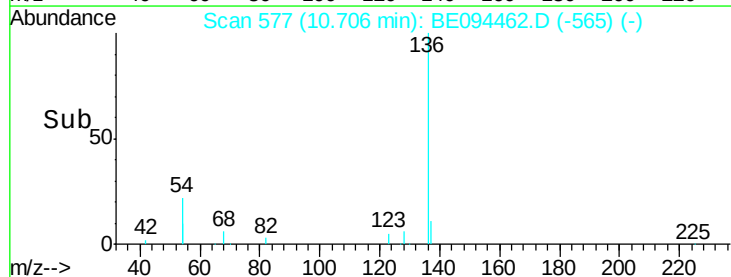
Ion 137.00 (136.70 to 137.70): E

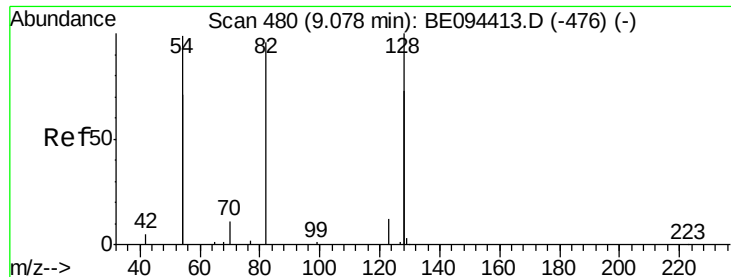
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.450 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

Instrument :

BNA_E

ClientSampleId :

3919-FB

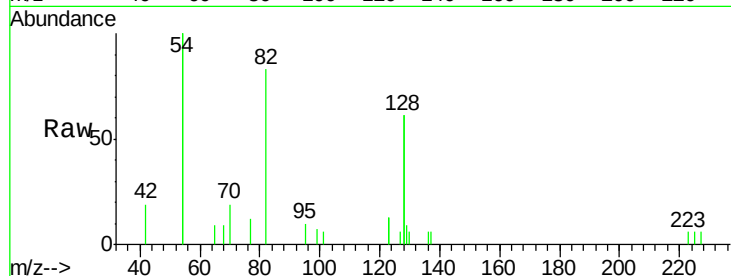
Tgt Ion: 82 Resp: 2404

Ion Ratio Lower Upper

82 100

128 148.7 150.0 225.0#

54 242.0 154.2 231.4#

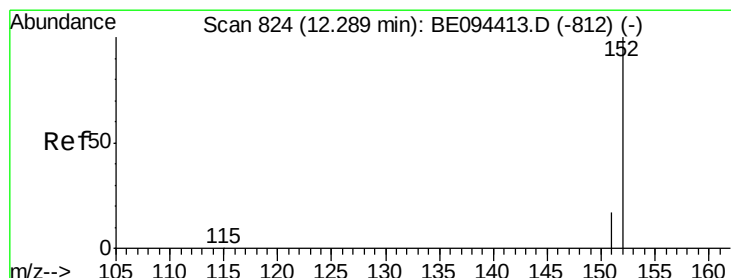
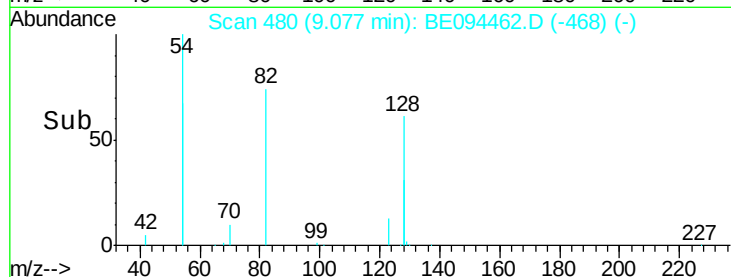
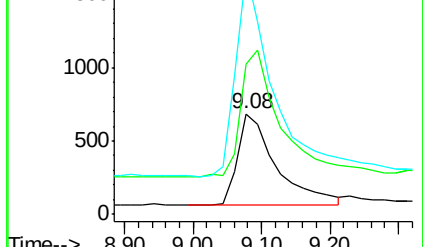


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.480 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE094462.D

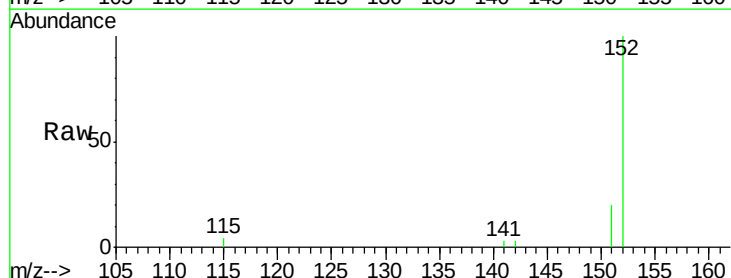
Acq: 20 Oct 2017 1:11

Tgt Ion: 152 Resp: 4550

Ion Ratio Lower Upper

152 100

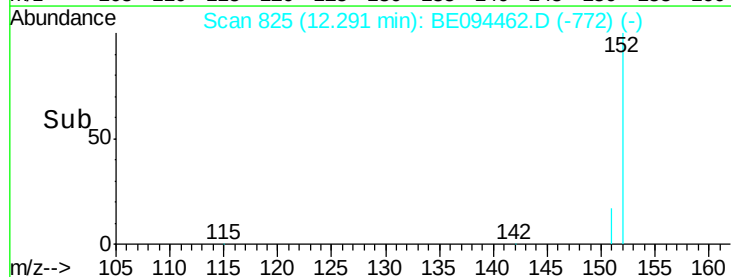
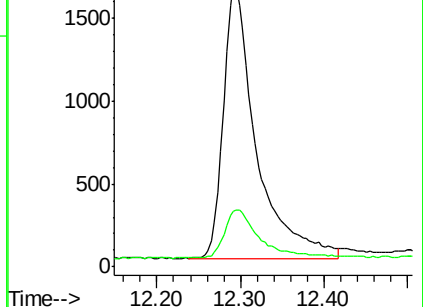
151 19.0 15.4 23.0

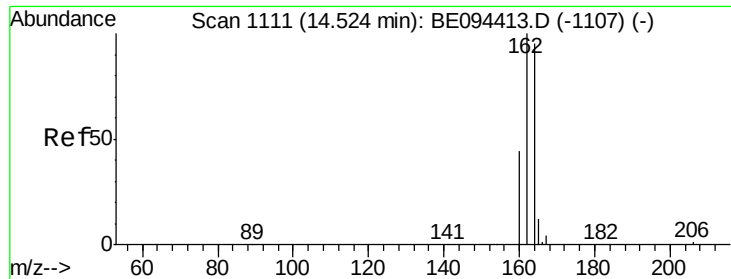


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

Instrument :

BNA_E

ClientSampleId :

3919-FB

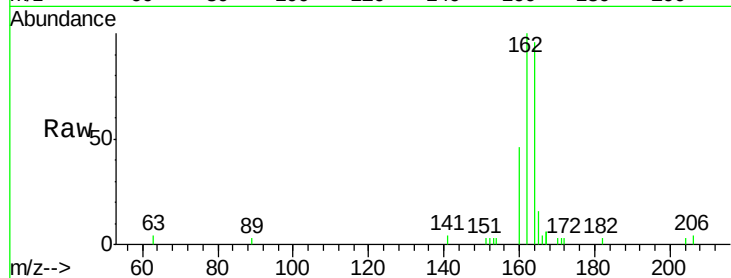
Tgt Ion:164 Resp: 3811

Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

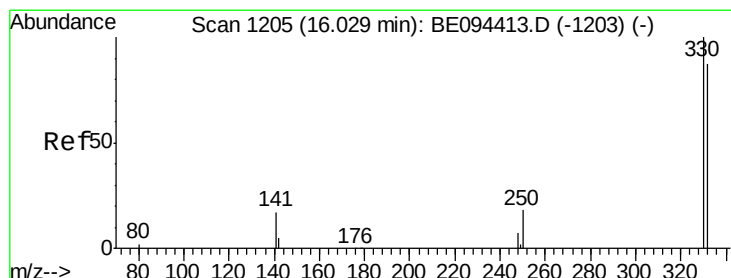
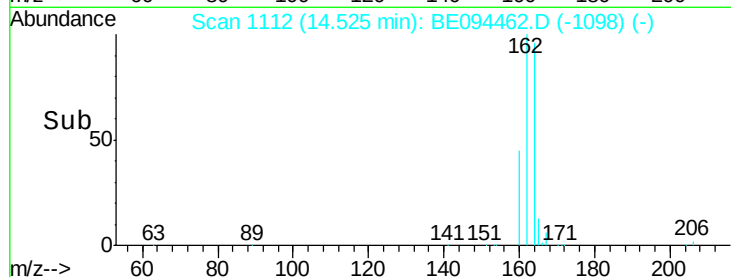
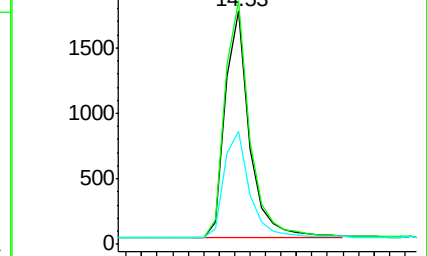
160 48.5 37.1 55.7



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: 0.411 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

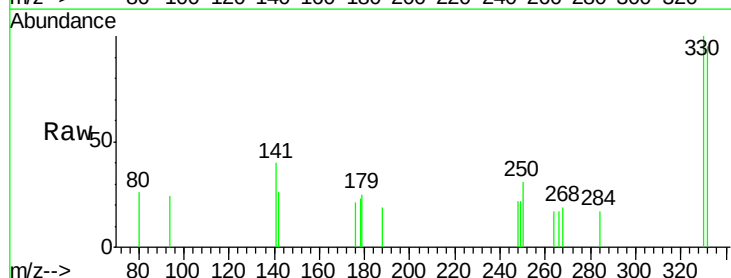
Tgt Ion:330 Resp: 597

Ion Ratio Lower Upper

330 100

332 95.6 152.7 229.1#

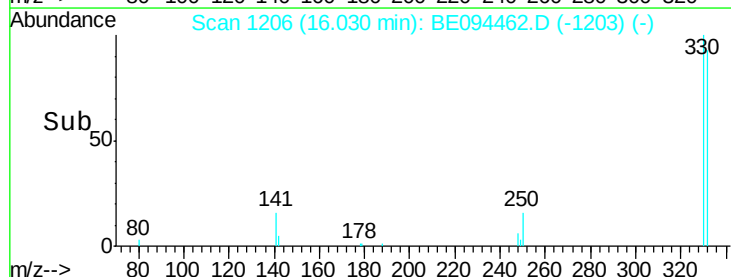
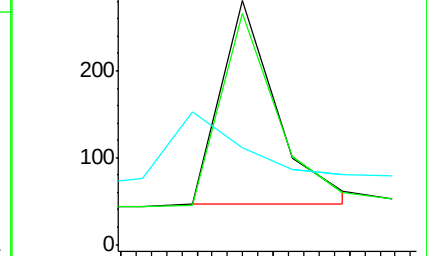
141 0.0 33.7 50.5#

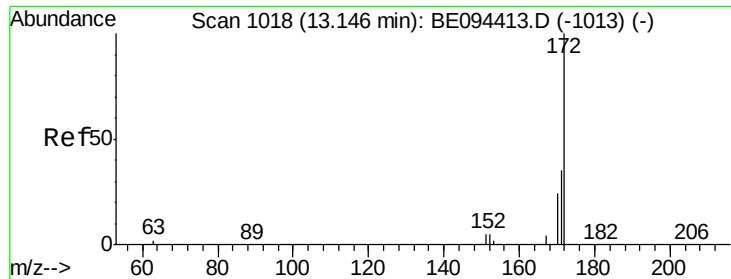


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

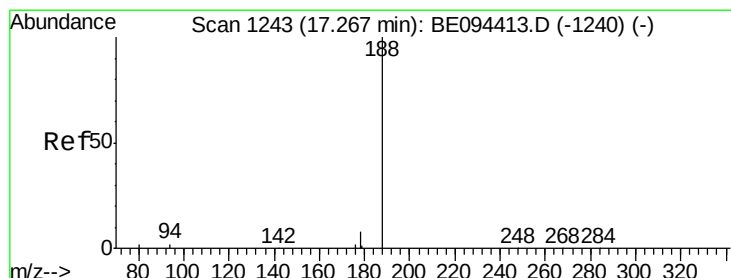
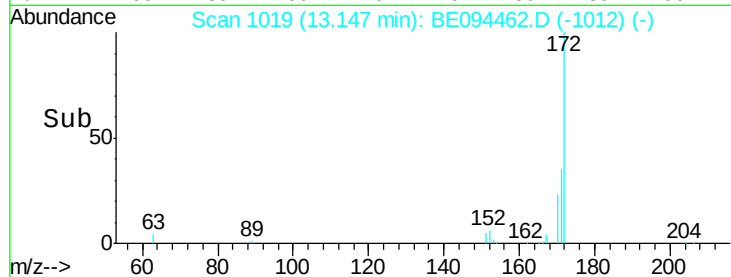
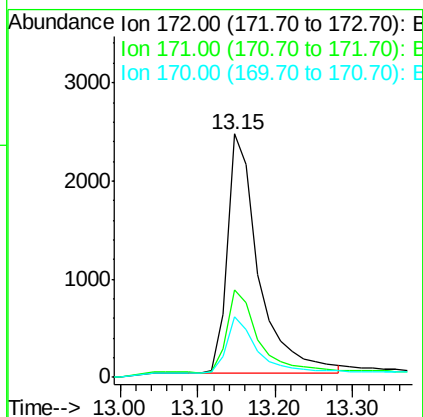
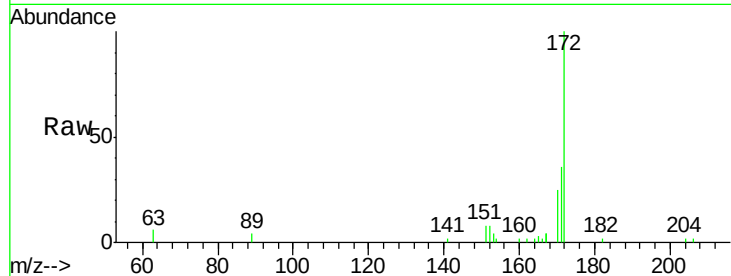




#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

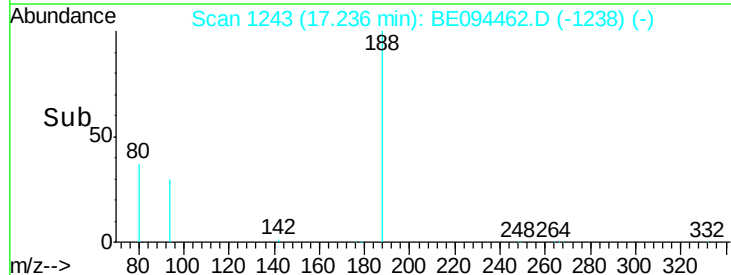
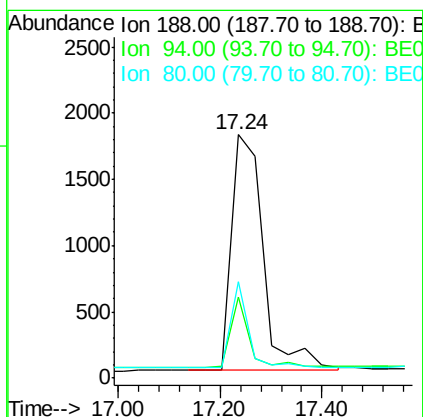
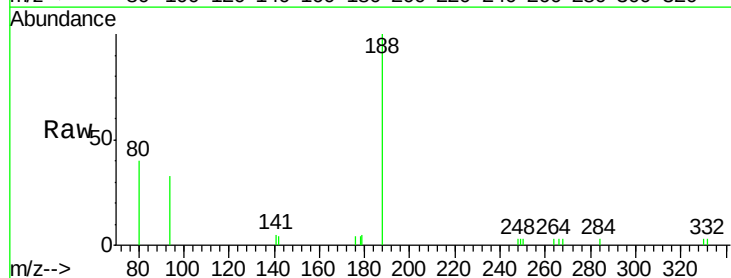
Instrument :
BNA_E
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3919-FB

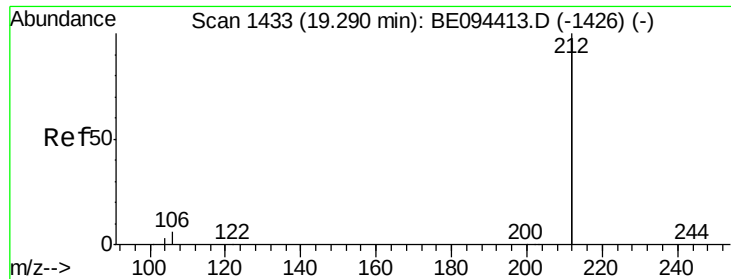
Tgt Ion:172 Resp: 6778
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.8 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094462.D
Acq: 20 Oct 2017 1:11

Tgt Ion:188 Resp: 7735
Ion Ratio Lower Upper
188 100
94 33.1 3.9 5.9#
80 39.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

Instrument :

BNA_E

ClientSampleId :

3919-FB

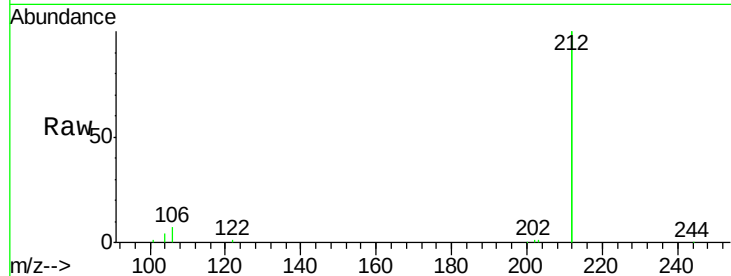
Tgt Ion:212 Resp: 51935

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

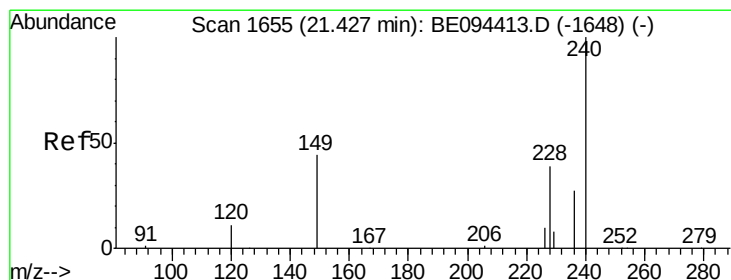
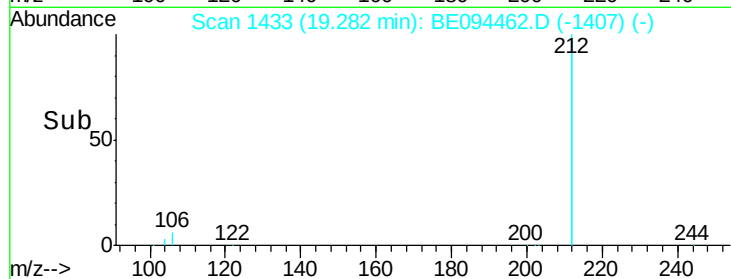
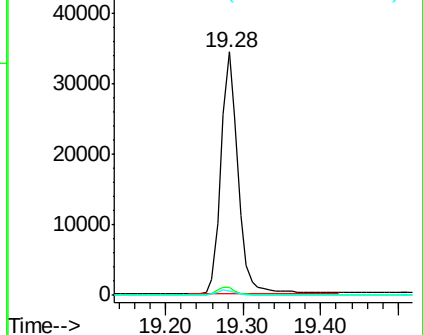
104 1.9 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

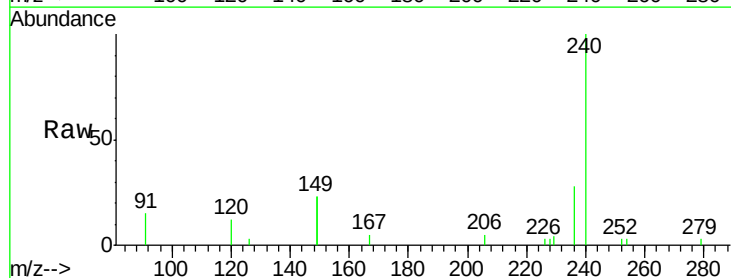
Tgt Ion:240 Resp: 9292

Ion Ratio Lower Upper

240 100

120 11.8 5.5 8.3#

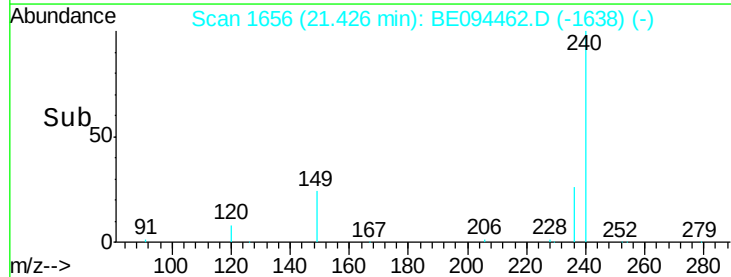
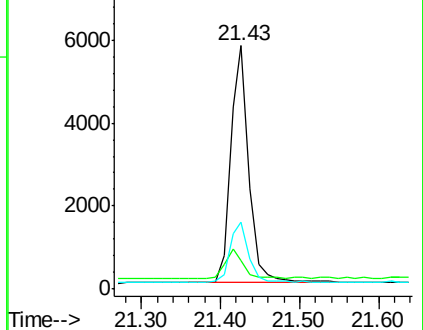
236 27.7 20.7 31.1

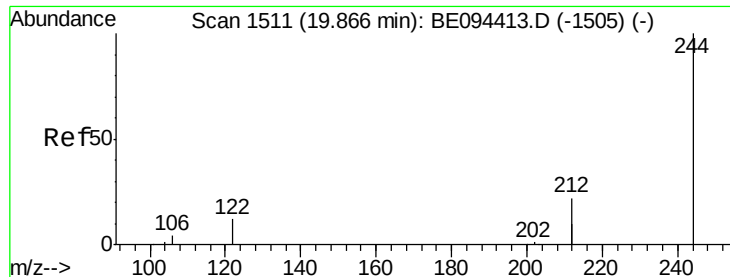


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.524 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

Instrument :

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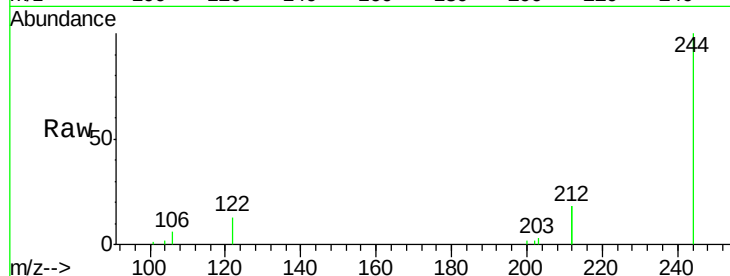
Tgt Ion:244 Resp: 9833

Ion Ratio Lower Upper

244 100

212 36.5 25.4 38.0

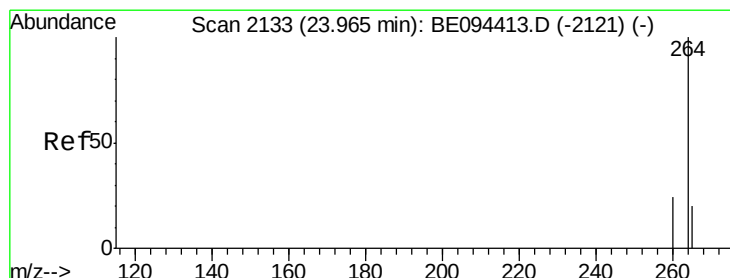
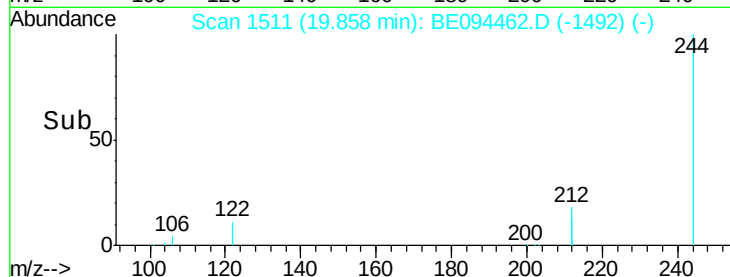
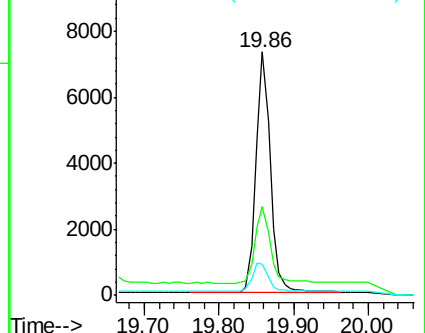
122 12.9 8.1 12.1#



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: 23.95 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BE094462.D

Acq: 20 Oct 2017 1:11

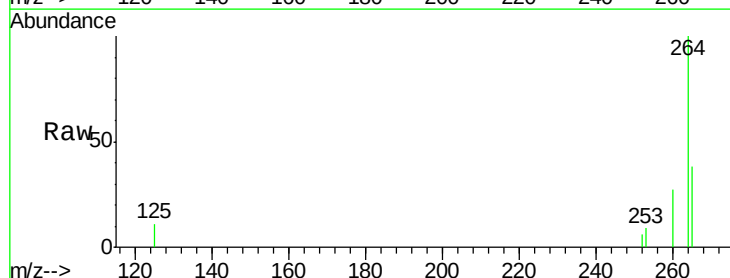
Tgt Ion:264 Resp: 8965

Ion Ratio Lower Upper

264 100

260 27.1 20.5 30.7

265 38.1 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

