

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097788.D
 Acq On : 6 Oct 2018 12:30
 Operator : SJ/JU
 Sample : PB113577BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113577BL

Quant Time: Oct 08 07:51:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3732	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13530	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6492	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	15660	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	18021	0.40	ng	-0.01
34) Perylene-d12	24.03	264	19027	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2615	0.30	ng	0.00
5) Phenol-d6	7.05	99	2986	0.22	ng	0.00
8) Nitrobenzene-d5	9.04	82	2195	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	5435	0.25	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	310	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	8398	0.29	ng	-0.02
25) Fluoranthene-d10	19.33	212	50911	0.26	ng	0.00
29) Terphenyl-d14	19.92	244	9156	0.25	ng	-0.01

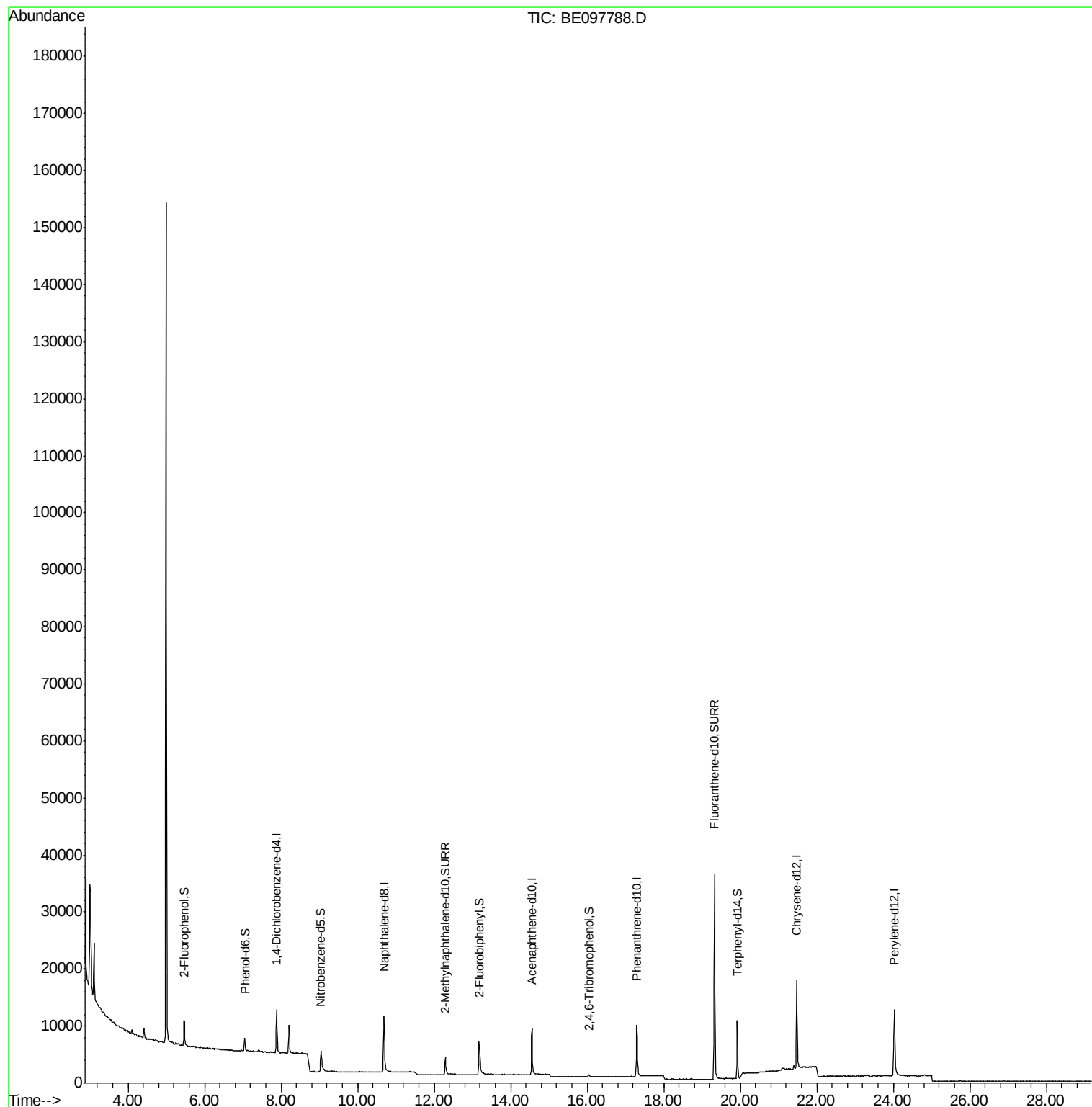
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

Instrument :

BNA_E

ClientSampleId :

PB113577BL

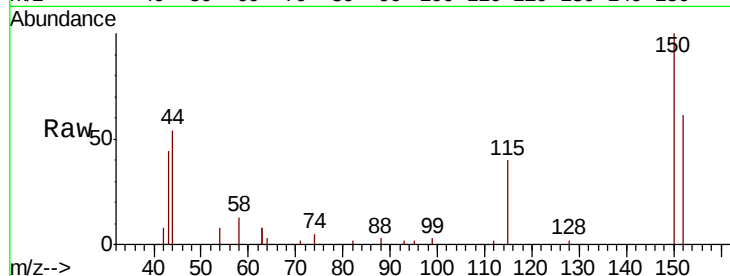
Tot Ion:152 Resp: 3732

Ion Ratio Lower Upper

152 100

150 162.8 120.9 181.3

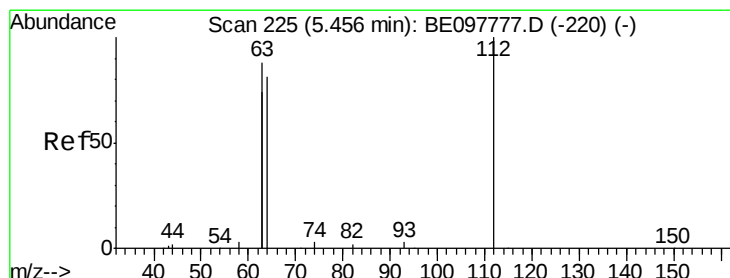
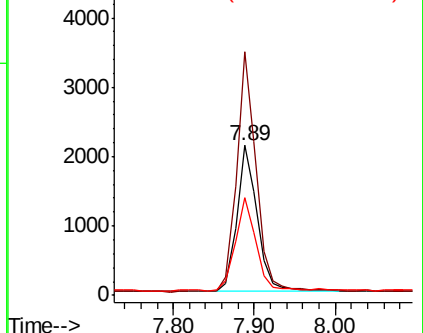
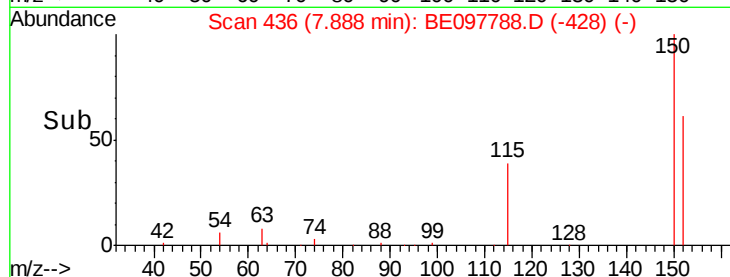
115 65.0 46.6 69.8



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: 0.296 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

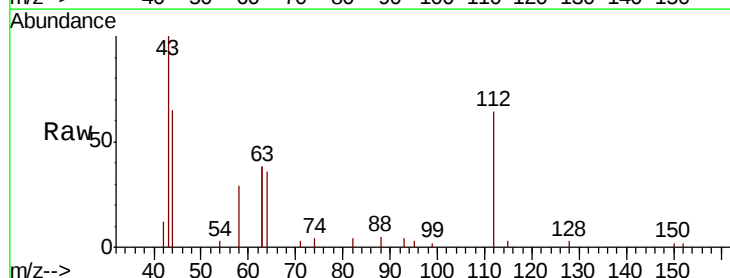
Tgt Ion:112 Resp: 2615

Ion Ratio Lower Upper

112 100

64 68.2 56.6 84.8

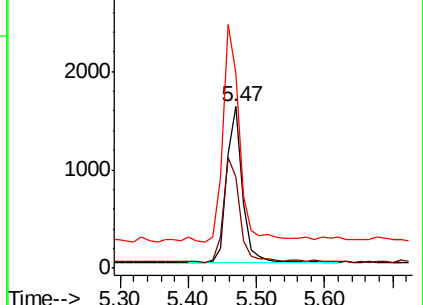
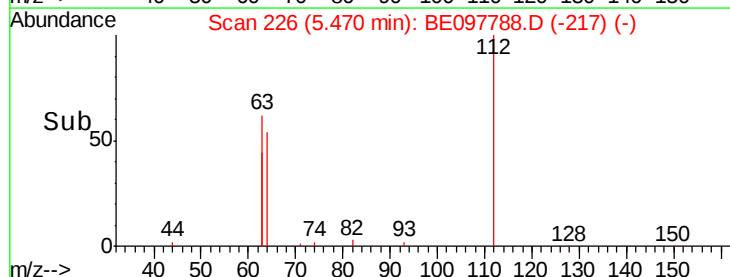
63 150.1 119.4 179.0

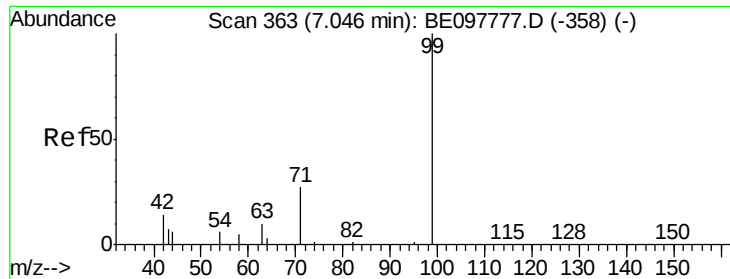


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.221 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

Instrument :

BNA_E

ClientSampleId :

PB113577BL

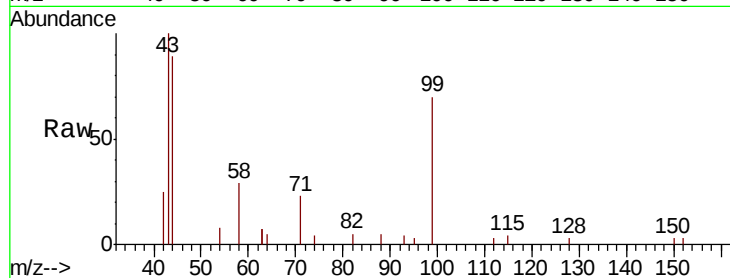
Tot Ion: 99 Resp: 2986

Ion Ratio Lower Upper

99 100

42 30.3 19.9 29.9#

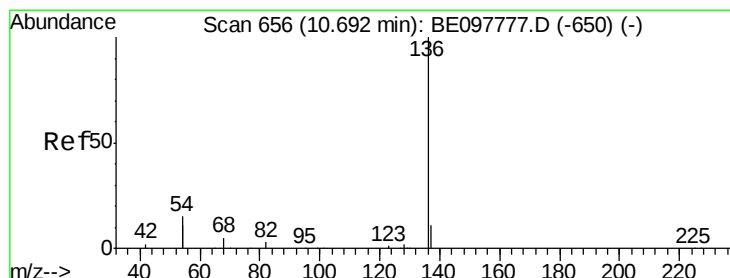
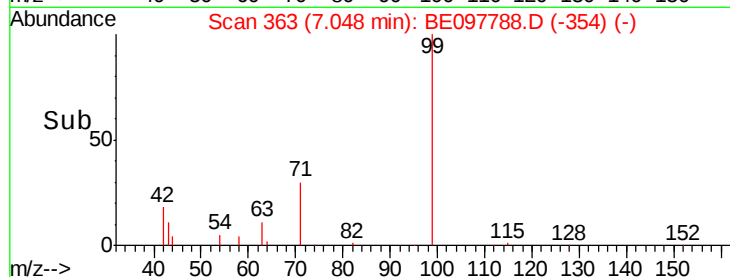
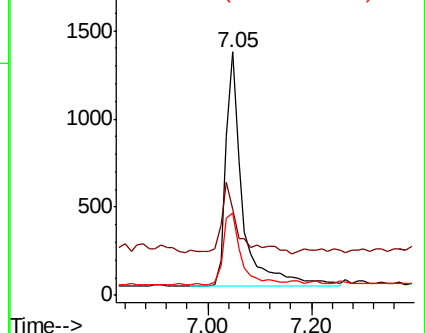
71 33.2 25.4 38.2



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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

Tgt Ion: 136 Resp: 13530

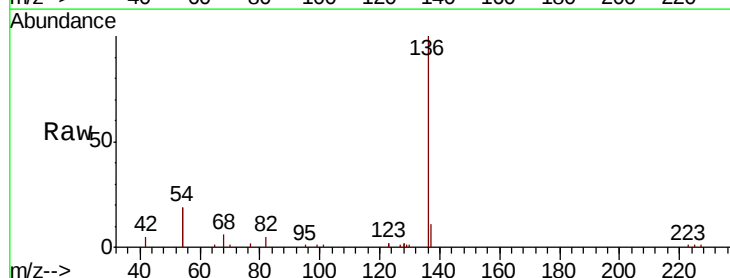
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 37.2 37.8 56.6#

68 6.5 6.4 9.6

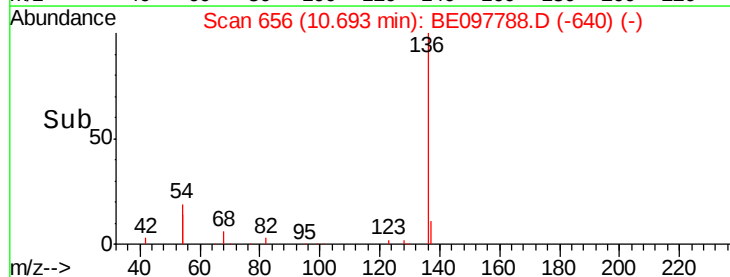
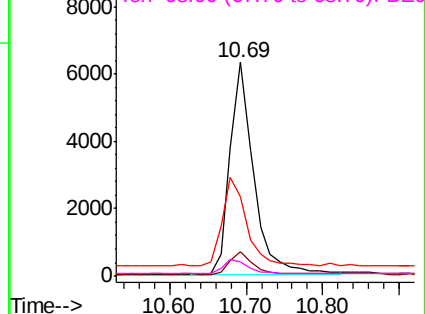


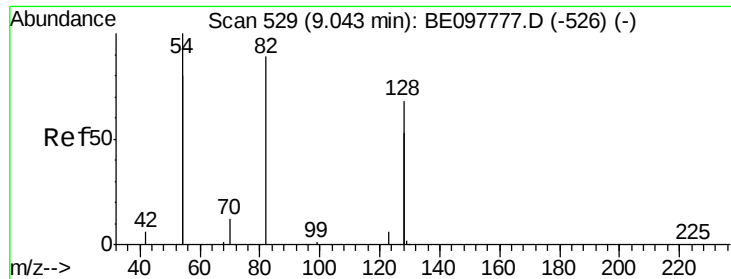
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.500 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

Instrument :

BNA_E

ClientSampleId :

PB113577BL

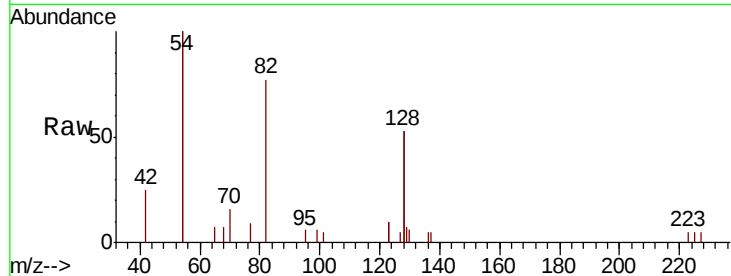
Tot Ion: 82 Resp: 2195

Ion Ratio Lower Upper

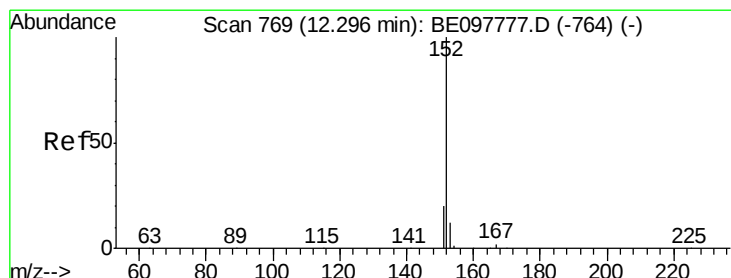
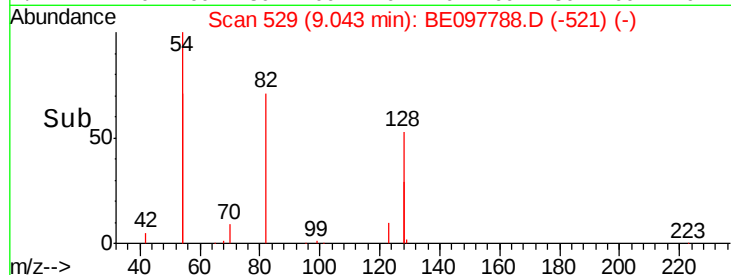
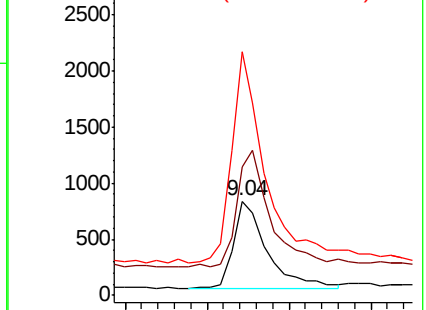
82 100

128 136.2 97.0 145.4

54 259.3 206.9 310.3



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



#11

2-Methylnaphthalene-d10

Concen: 0.252 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097788.D

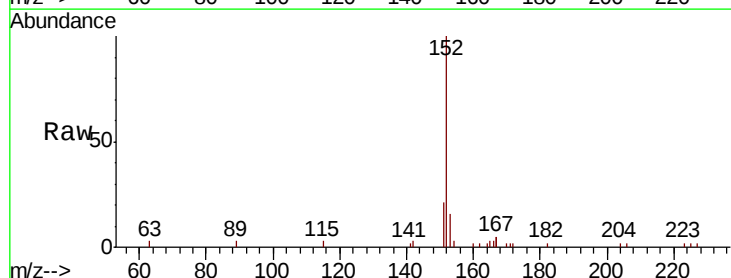
Acq: 6 Oct 2018 12:30

Tgt Ion:152 Resp: 5435

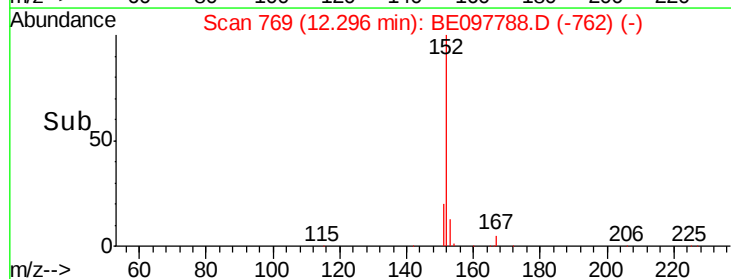
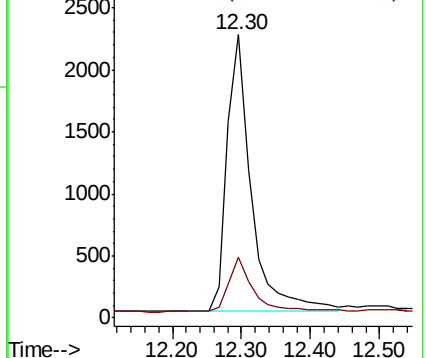
Ion Ratio Lower Upper

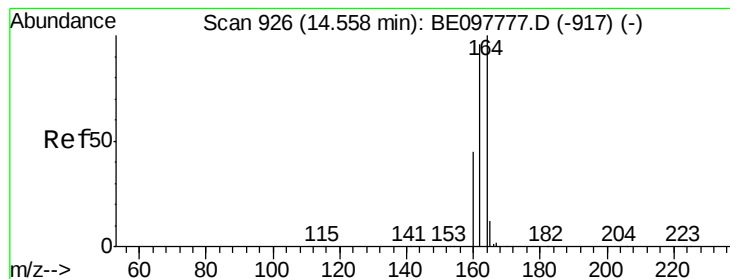
152 100

151 20.2 15.4 23.2



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: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

Instrument :

BNA_E

ClientSampleId :

PB113577BL

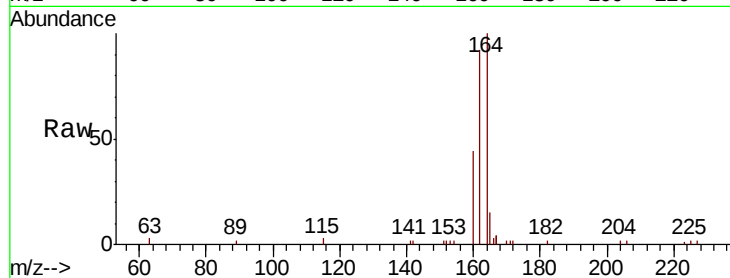
Tot Ion:164 Resp: 6492

Ion Ratio Lower Upper

164 100

162 92.3 78.6 117.8

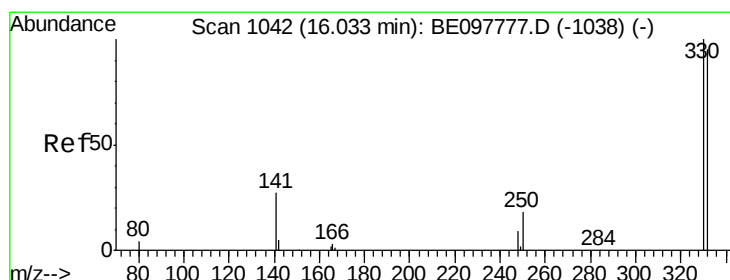
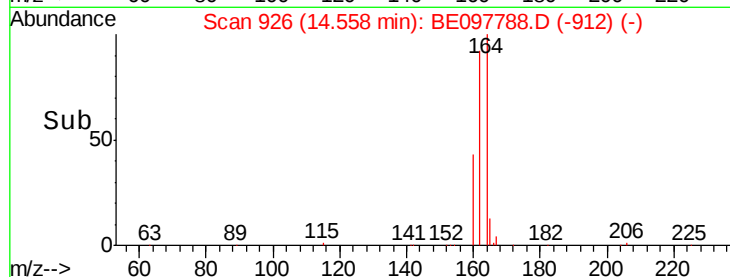
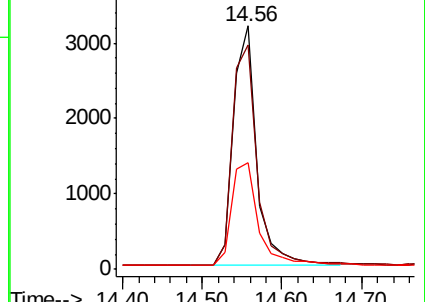
160 43.7 37.8 56.6



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: 0.263 ng

RT: 16.05 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

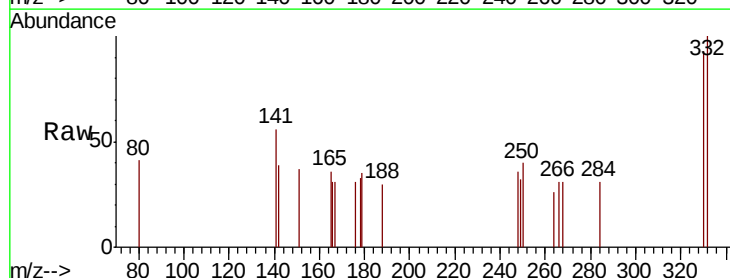
Tgt Ion:330 Resp: 310

Ion Ratio Lower Upper

330 100

332 110.6 83.5 125.3

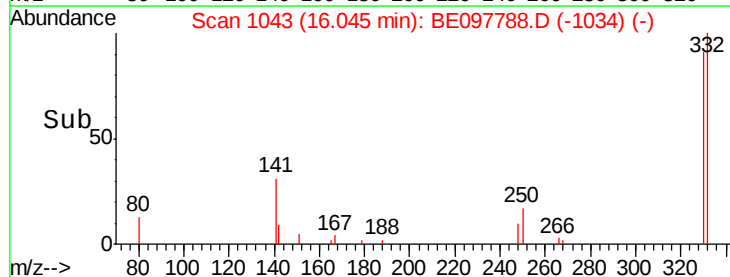
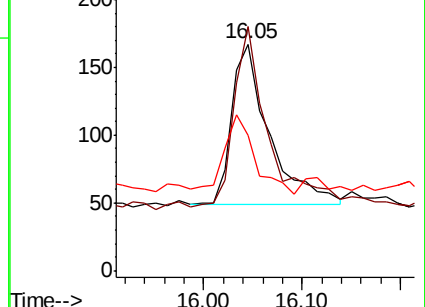
141 41.9 34.9 52.3

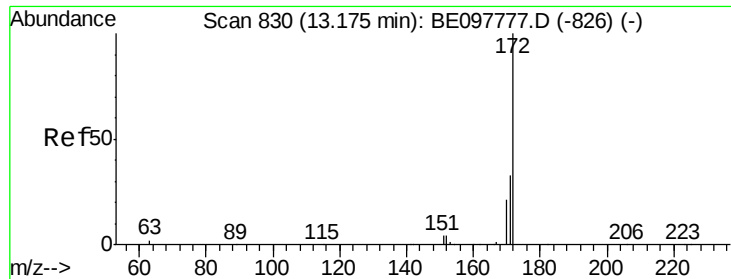


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

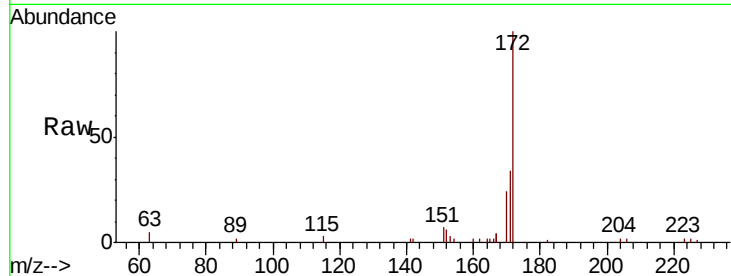




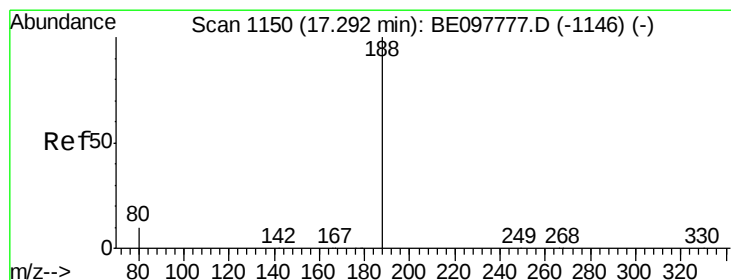
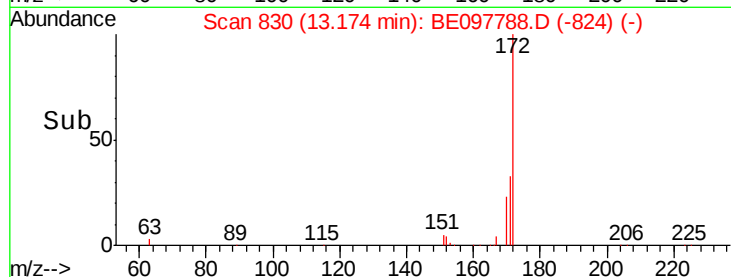
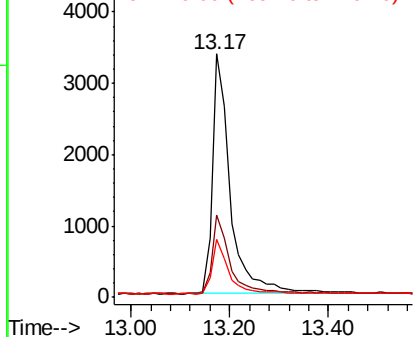
#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097788.D
Acq: 6 Oct 2018 12:30

Instrument :
BNA_E
ClientSampleId :
PB113577BL

Tot Ion:172 Resp: 8398
Ion Ratio Lower Upper
172 100
171 33.8 25.2 37.8
170 23.8 16.2 24.2

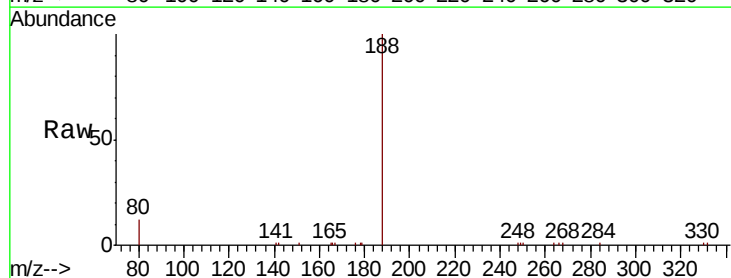


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

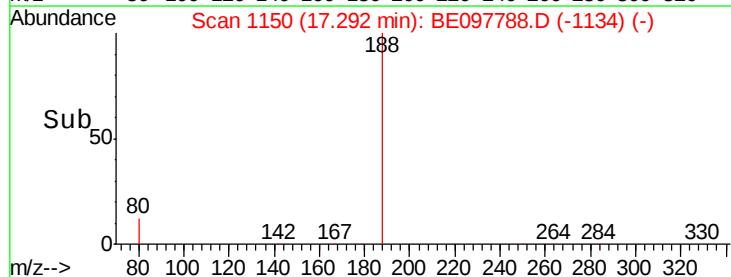
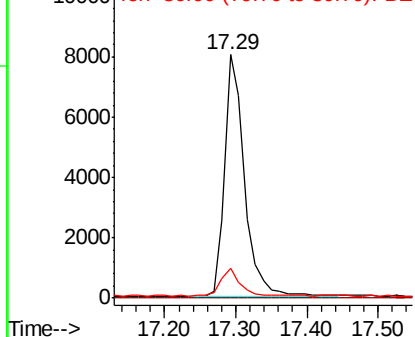


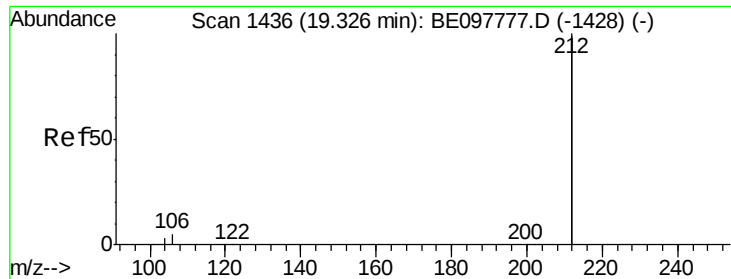
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097788.D
Acq: 6 Oct 2018 12:30

Tgt Ion:188 Resp: 15660
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 6.6 9.8#



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





#25

Fluoranthene-d10

Concen: 0.257 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

Instrument :

BNA_E

ClientSampleId :

PB113577BL

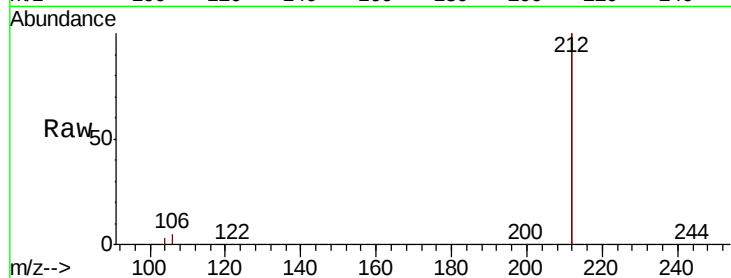
Tot Ion:212 Resp: 50911

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

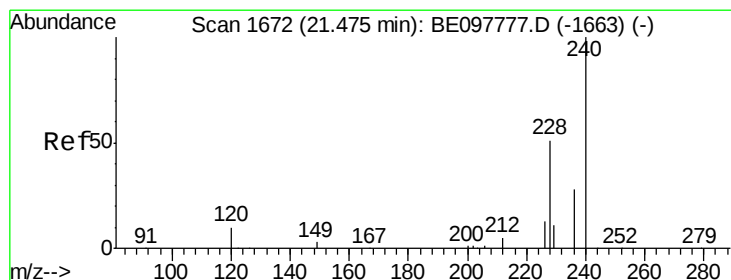
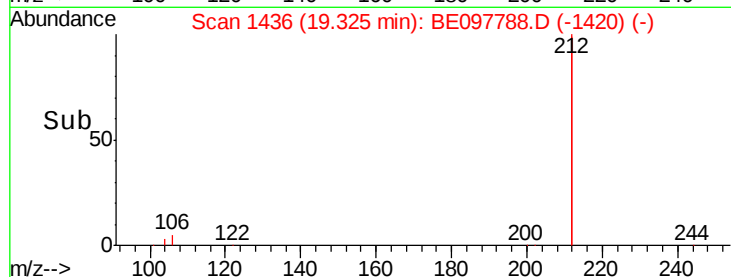
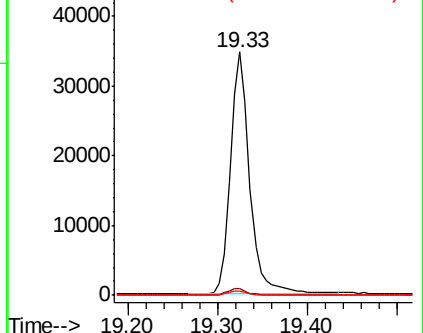
104 1.5 1.2 1.8



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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

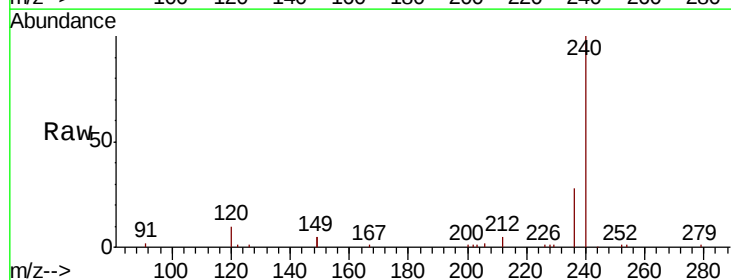
Tgt Ion:240 Resp: 18021

Ion Ratio Lower Upper

240 100

120 10.1 4.7 7.1#

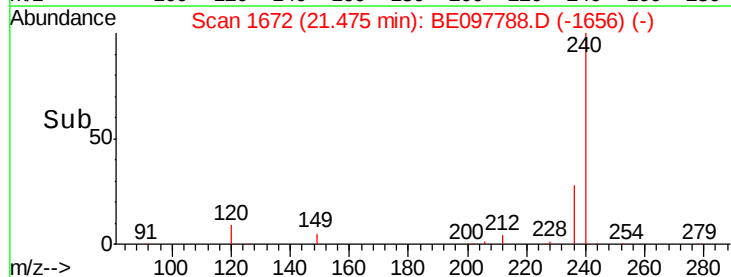
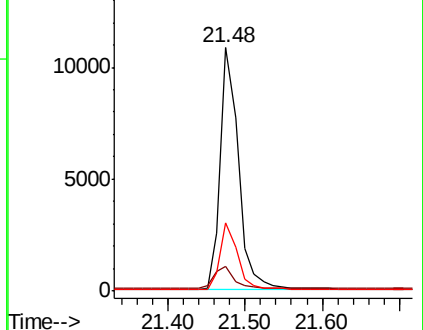
236 28.2 20.8 31.2

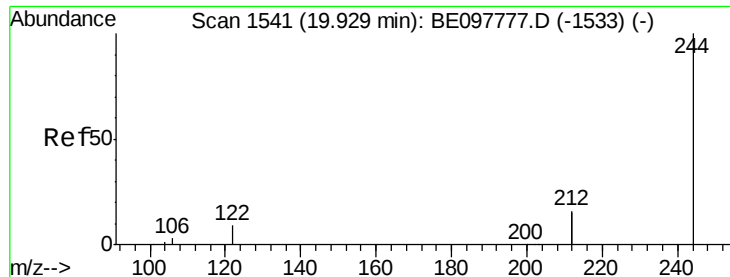


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.249 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

Instrument :

BNA_E

ClientSampleId :

PB113577BL

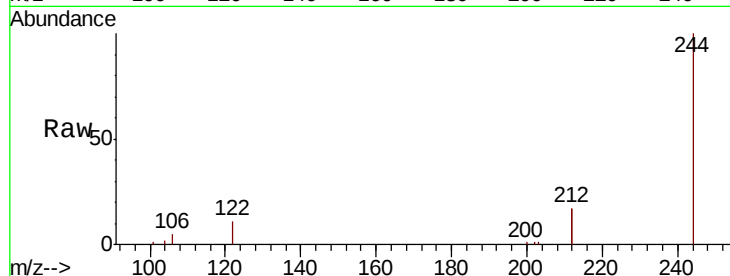
Tot Ion:244 Resp: 9156

Ion Ratio Lower Upper

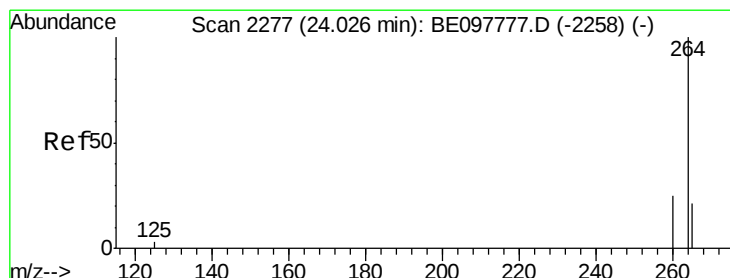
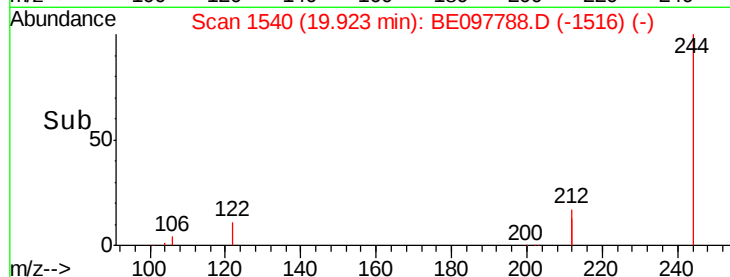
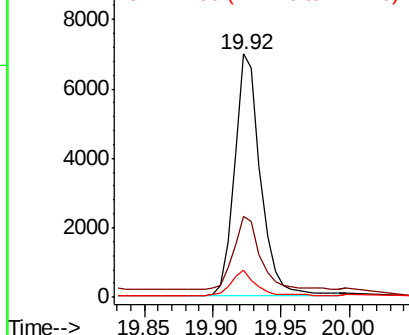
244 100

212 33.1 25.8 38.8

122 11.4 8.7 13.1



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: 24.03 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE097788.D

Acq: 6 Oct 2018 12:30

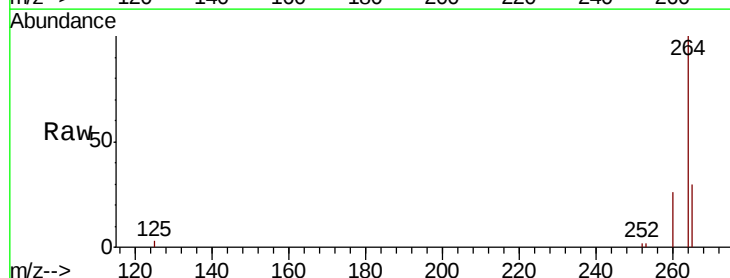
Tgt Ion:264 Resp: 19027

Ion Ratio Lower Upper

264 100

260 26.2 19.1 28.7

265 29.8 21.9 32.9



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

