

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097782.D
 Acq On : 6 Oct 2018 8:47
 Operator : SJ/JU
 Sample : J5189-11DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT-101D1-20180928DL

Quant Time: Oct 08 07:46:56 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

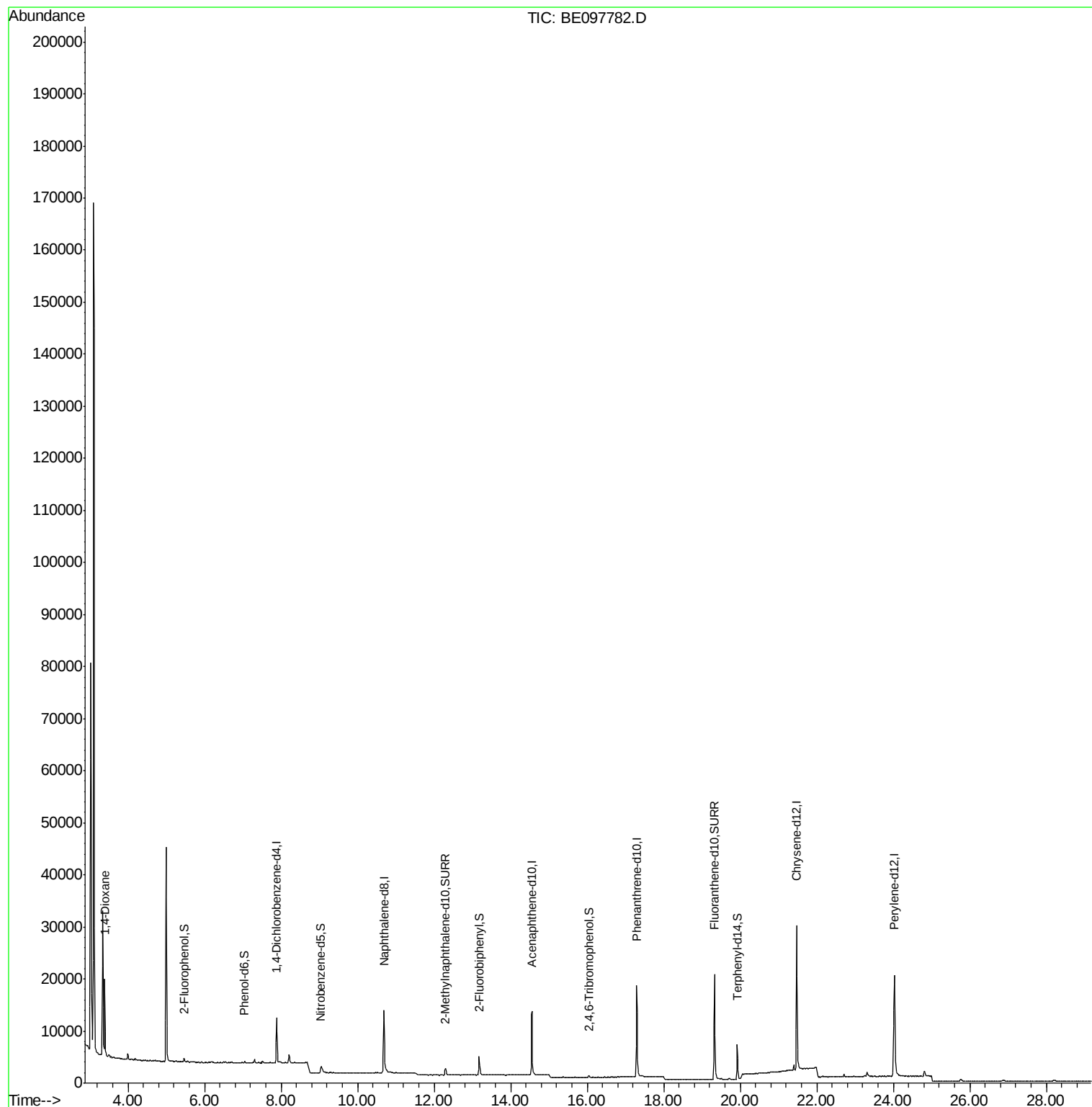
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4063	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	16087	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	9790	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	27417	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	31025	0.40	ng	-0.01
34) Perylene-d12	24.03	264	31861	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	437	0.05	ng	0.00
5) Phenol-d6	7.04	99	353	0.02	ng	0.00
8) Nitrobenzene-d5	9.04	82	868	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	2164	0.08	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	222	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4148	0.10	ng	-0.01
25) Fluoranthene-d10	19.33	212	29653	0.09	ng	0.00
29) Terphenyl-d14	19.92	244	6436	0.10	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	8321	1.028	ng	Qvalue 98

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

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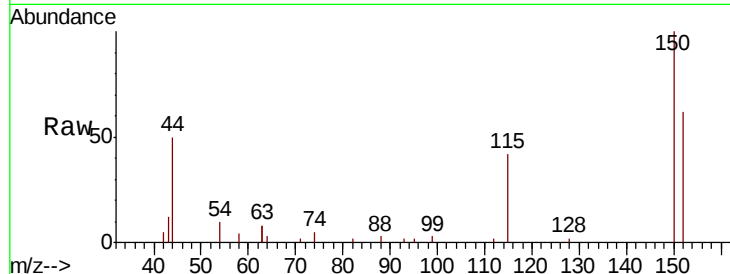


#1

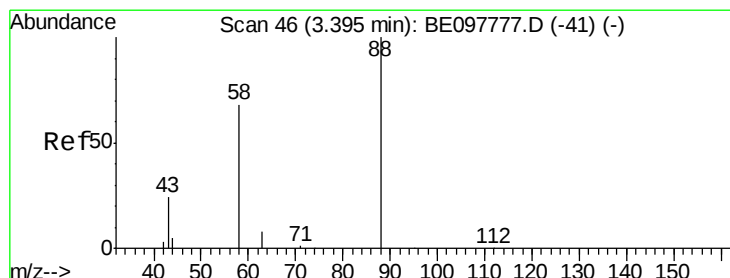
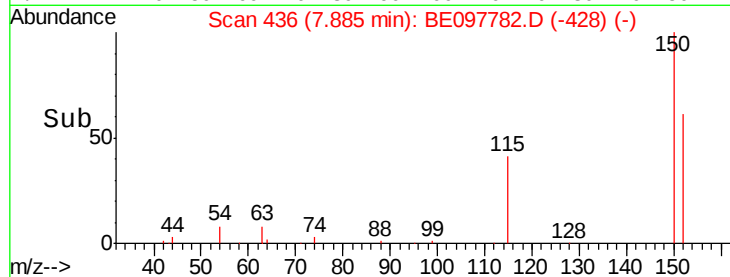
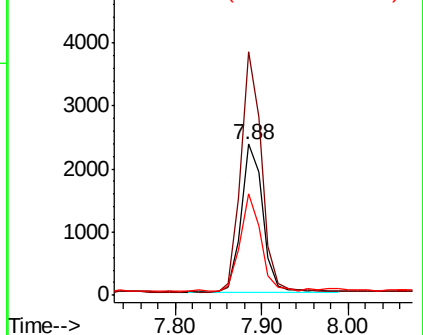
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

Tot Ion:152 Resp: 4063
Ion Ratio Lower Upper
152 100
150 161.3 120.9 181.3
115 67.5 46.6 69.8



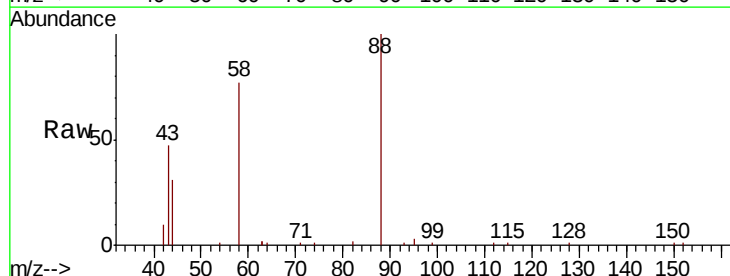
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



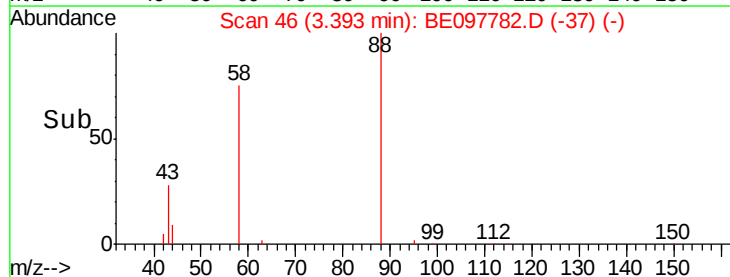
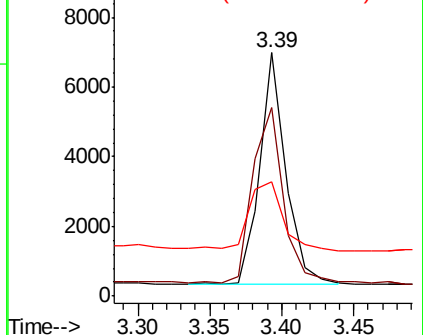
#2

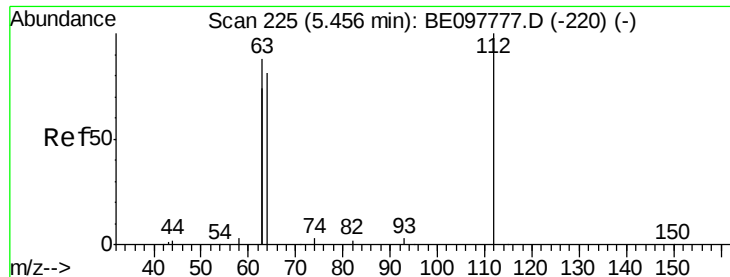
1,4-Dioxane
Concen: 1.028 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097782.D
Acq: 6 Oct 2018 8:47

Tgt Ion: 88 Resp: 8321
Ion Ratio Lower Upper
88 100
58 87.2 70.8 106.2
43 40.0 33.3 49.9



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.045 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097782.D

Acq: 6 Oct 2018 8:47

Instrument :

BNA_E

ClientSampleId :

TT-101D1-20180928DL

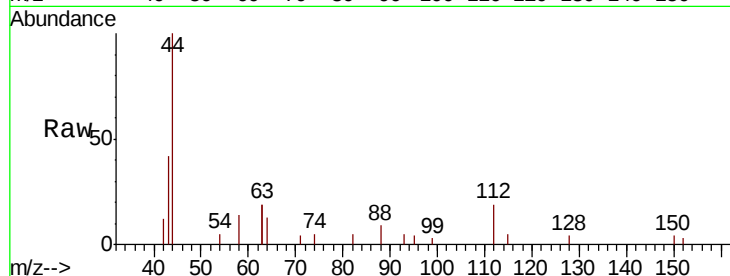
Tot Ion: 112 Resp: 437

Ion Ratio Lower Upper

112 100

64 73.0 56.6 84.8

63 157.4 119.4 179.0

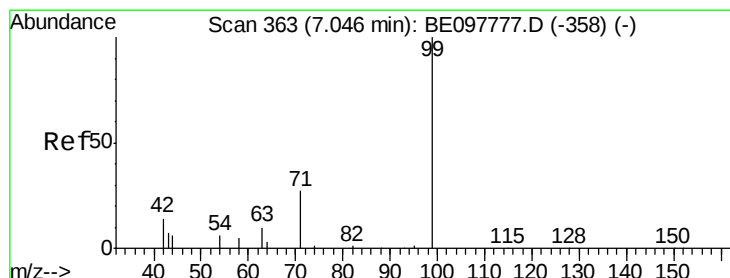
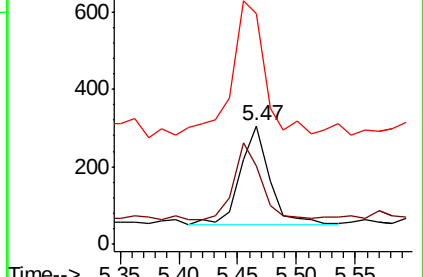
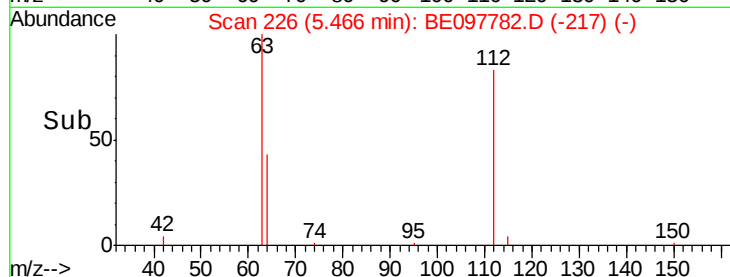


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.024 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097782.D

Acq: 6 Oct 2018 8:47

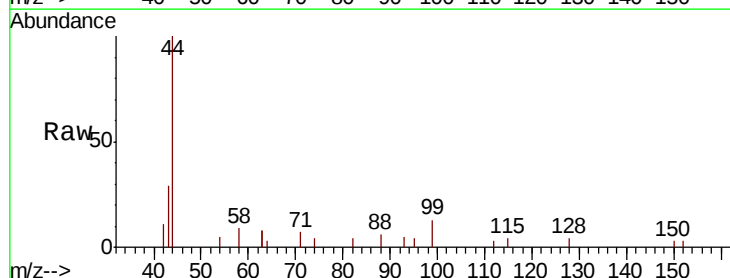
Tgt Ion: 99 Resp: 353

Ion Ratio Lower Upper

99 100

42 44.8 19.9 29.9#

71 42.2 25.4 38.2#

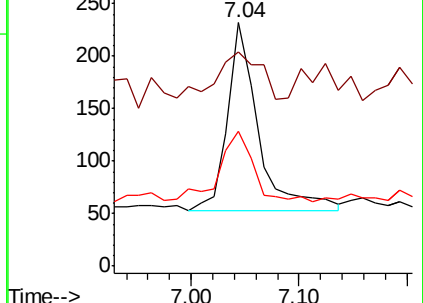
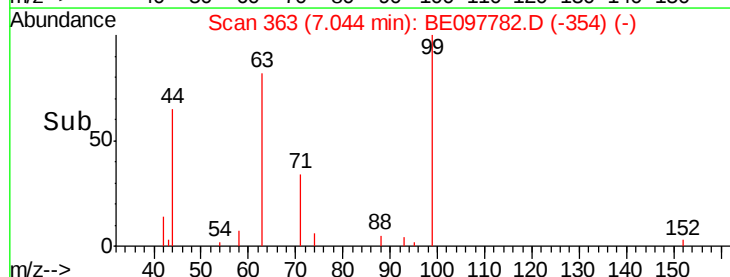


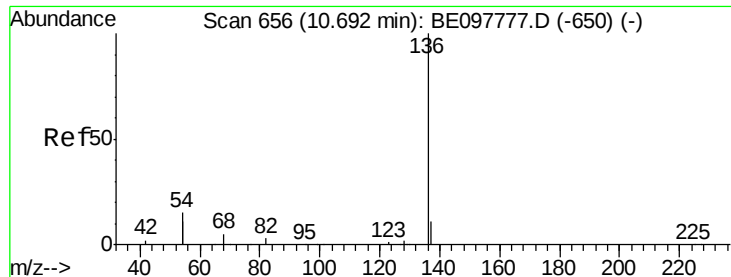
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097782.D

Acq: 6 Oct 2018 8:47

Instrument :

BNA_E

ClientSampleId :

TT-101D1-20180928DL

Tot Ion:136 Resp: 16087

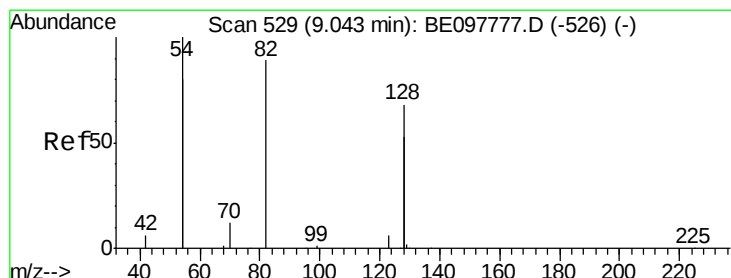
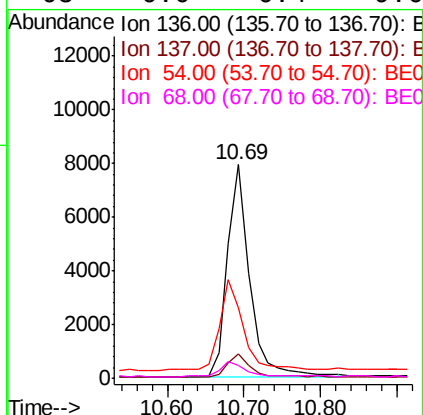
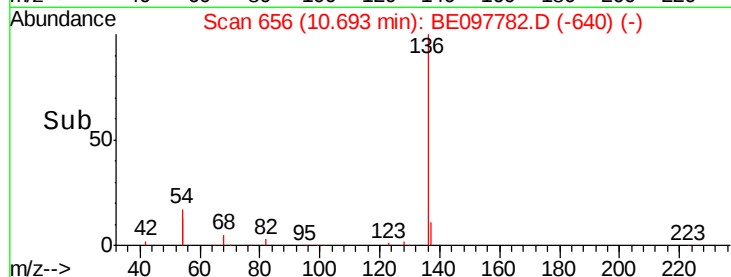
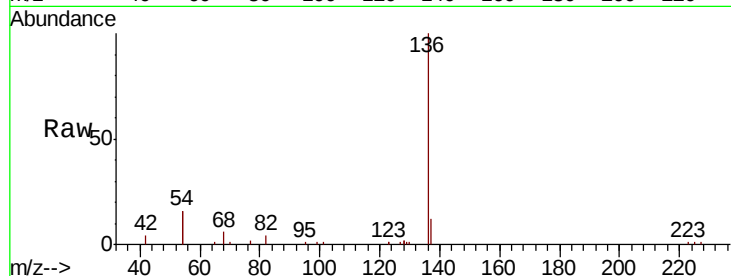
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 33.0 37.8 56.6#

68 6.0 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.166 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097782.D

Acq: 6 Oct 2018 8:47

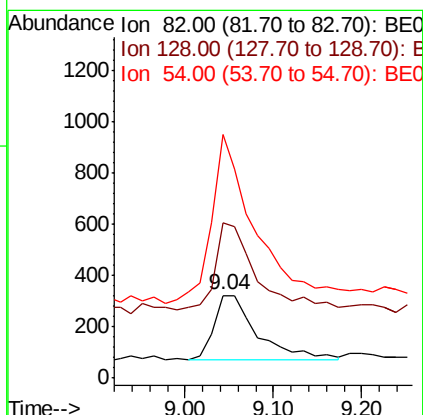
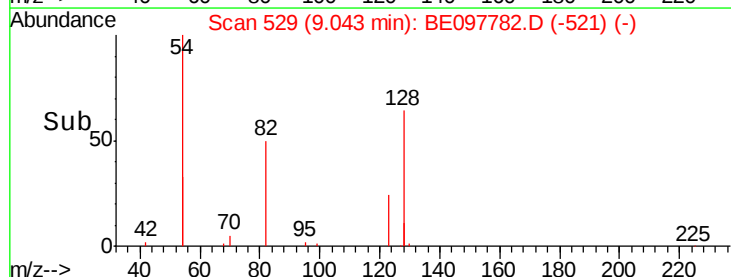
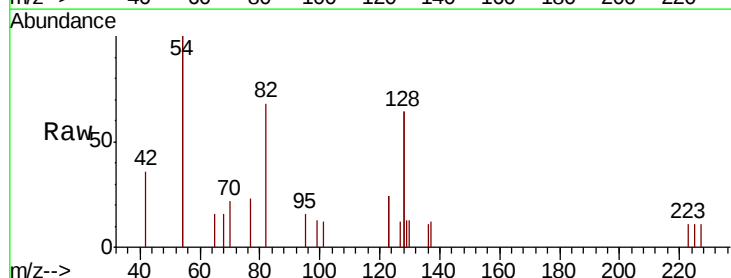
Tgt Ion: 82 Resp: 868

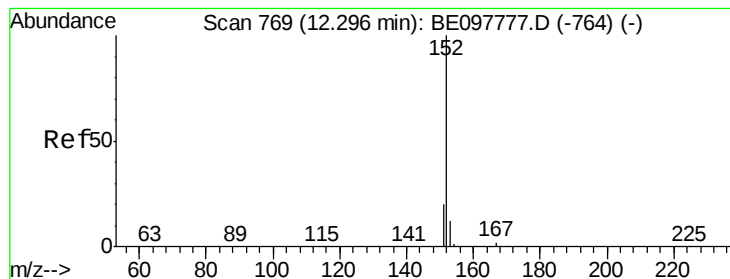
Ion Ratio Lower Upper

82 100

128 188.2 97.0 145.4#

54 295.0 206.9 310.3





#11

2-Methylnaphthalene-d10

Concen: 0.085 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097782.D

Acq: 6 Oct 2018 8:47

Instrument :

BNA_E

ClientSampleId :

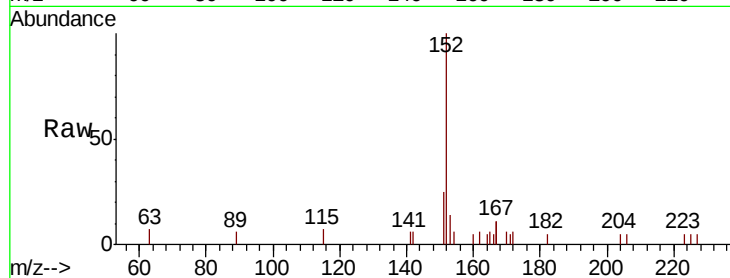
TT-101D1-20180928DL

Tot Ion:152 Resp: 2164

Ion Ratio Lower Upper

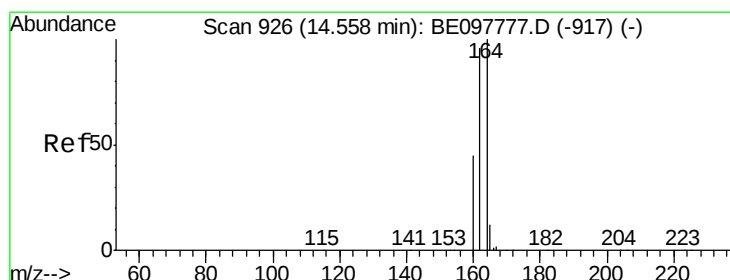
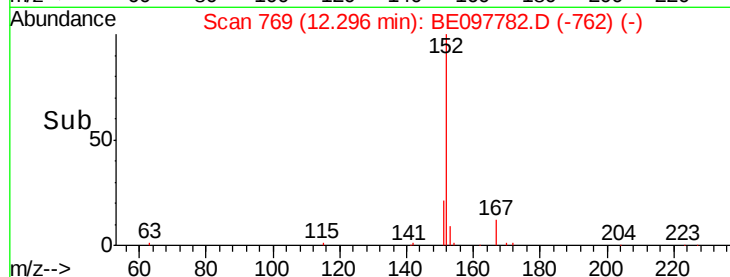
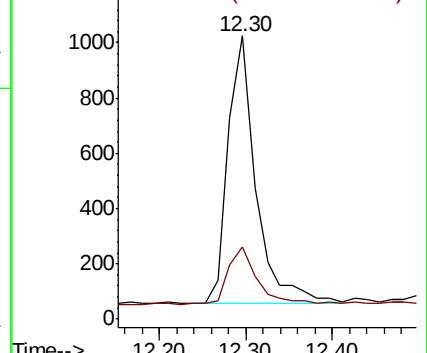
152 100

151 22.4 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: BE097782.D

Acq: 6 Oct 2018 8:47

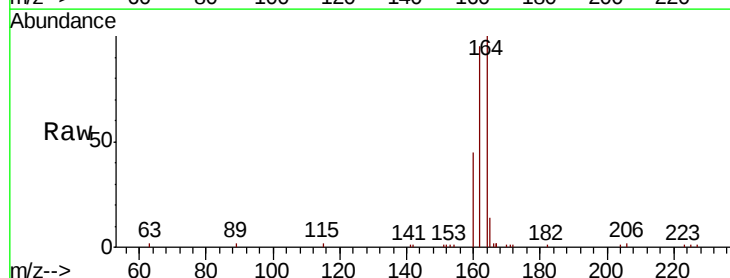
Tgt Ion:164 Resp: 9790

Ion Ratio Lower Upper

164 100

162 94.9 78.6 117.8

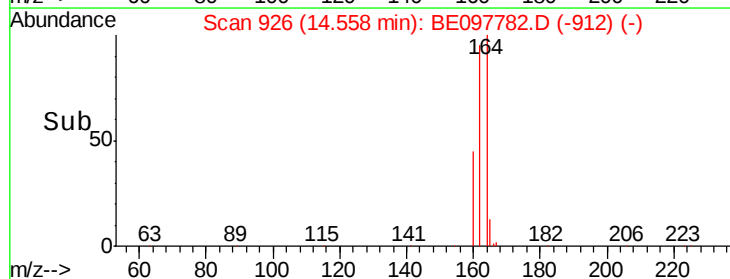
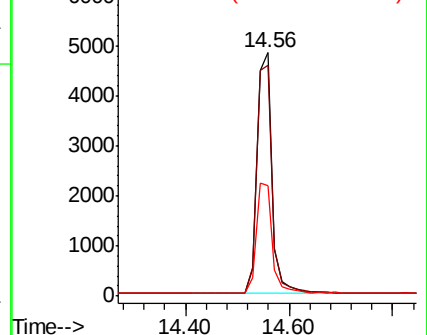
160 45.4 37.8 56.6

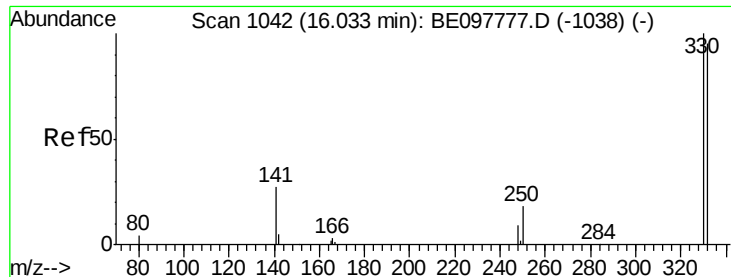


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

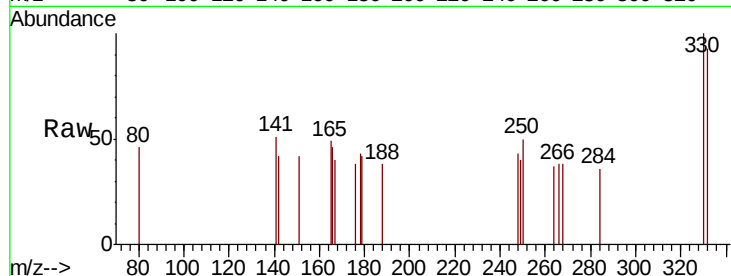




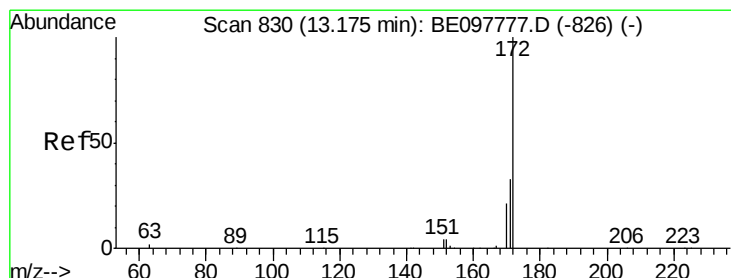
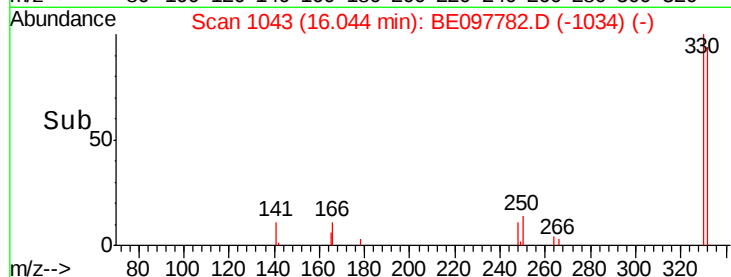
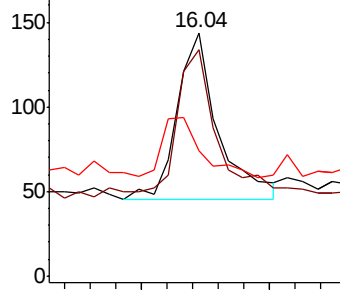
#14
 2,4,6-Tribromophenol
 Concen: 0.125 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097782.D
 Acq: 6 Oct 2018 8:47

Instrument :
 BNA_E
 ClientSampleId :
 TT-101D1-20180928DL

Tot Ion:330 Resp: 222
 Ion Ratio Lower Upper
 330 100
 332 90.5 83.5 125.3
 141 35.1 34.9 52.3

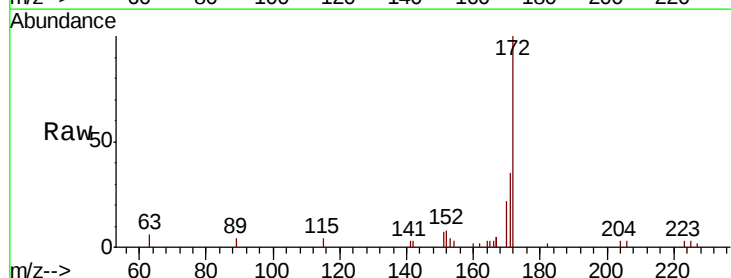


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

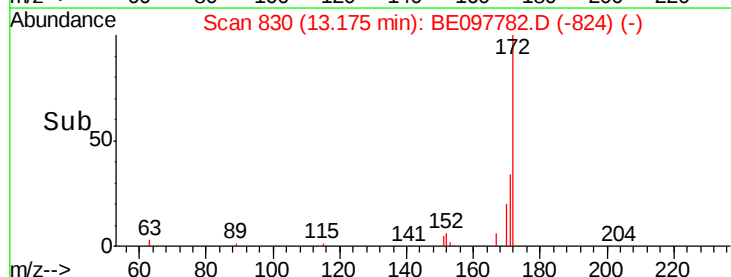
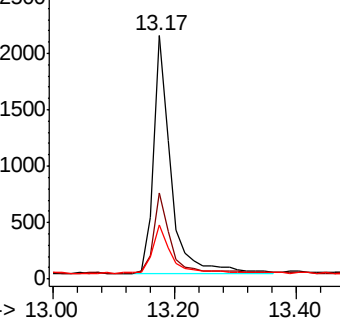


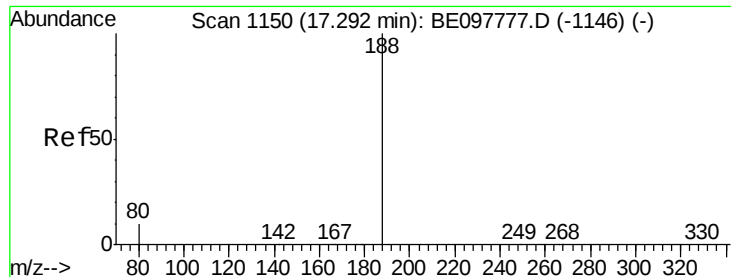
#15
 2-Fluorobiphenyl
 Concen: 0.096 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BE097782.D
 Acq: 6 Oct 2018 8:47

Tgt Ion:172 Resp: 4148
 Ion Ratio Lower Upper
 172 100
 171 35.1 25.2 37.8
 170 22.3 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: BE097782.D

Acq: 6 Oct 2018 8:47

Instrument :

BNA_E

ClientSampleId :

TT-101D1-20180928DL

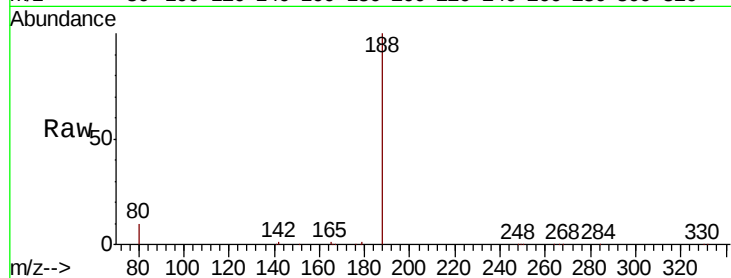
Tot Ion:188 Resp: 27417

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

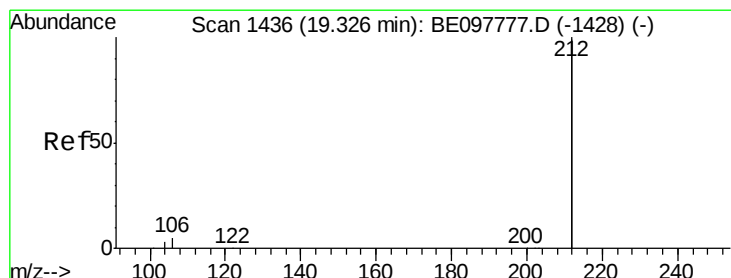
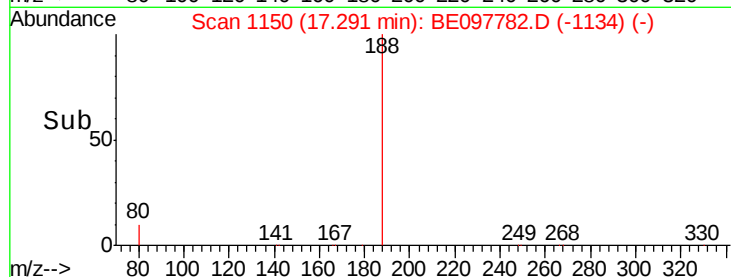
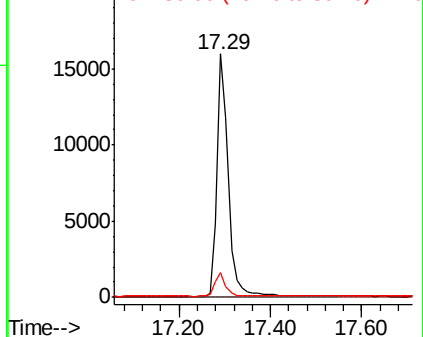
80 10.4 6.6 9.8#



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: 0.085 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097782.D

Acq: 6 Oct 2018 8:47

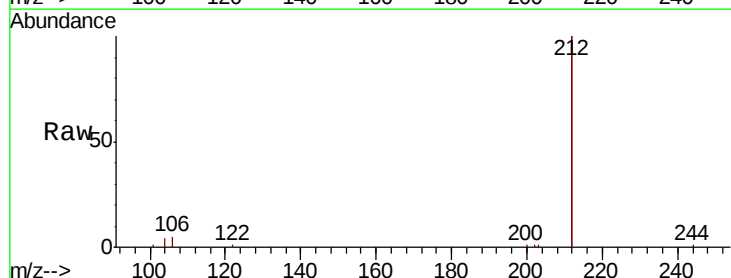
Tgt Ion:212 Resp: 29653

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

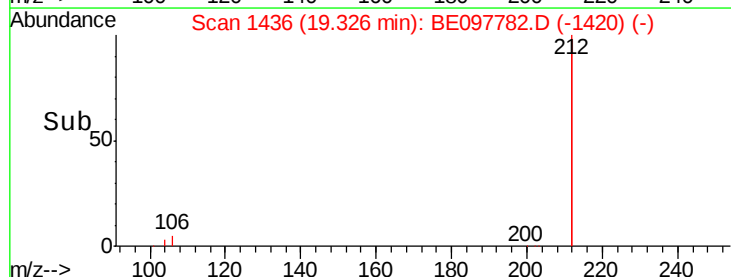
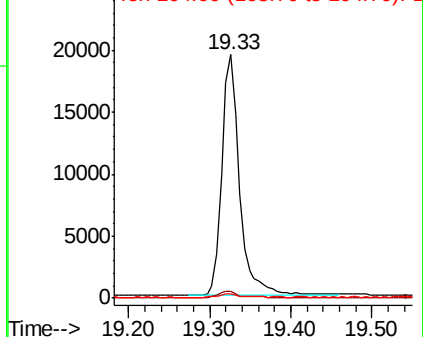
104 1.6 1.2 1.8

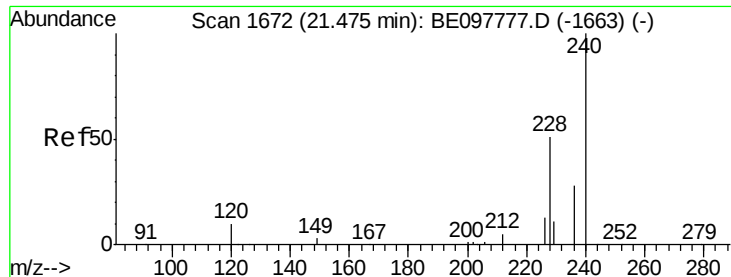


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097782.D

Acq: 6 Oct 2018 8:47

Instrument :

BNA_E

ClientSampleID :

TT-101D1-20180928DL

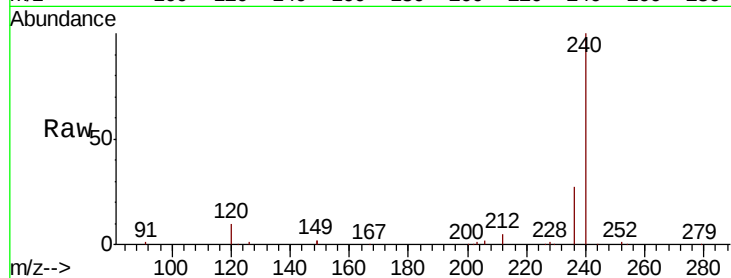
Tot Ion:240 Resp: 31025

Ion Ratio Lower Upper

240 100

120 10.1 4.7 7.1#

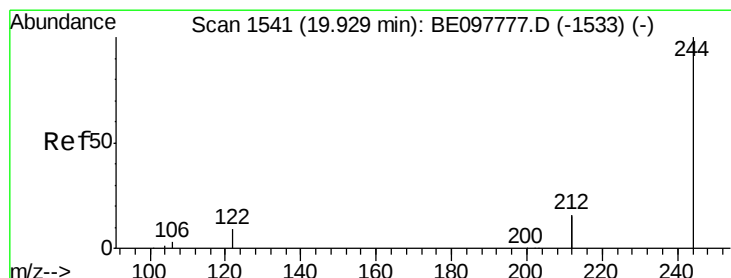
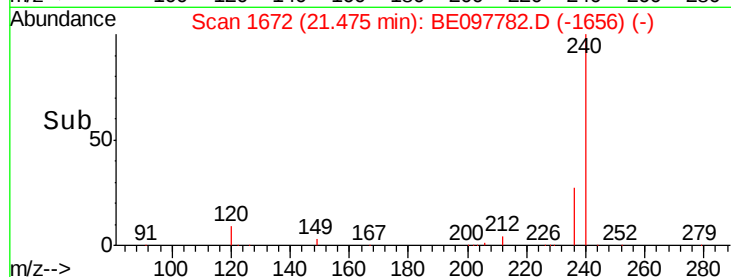
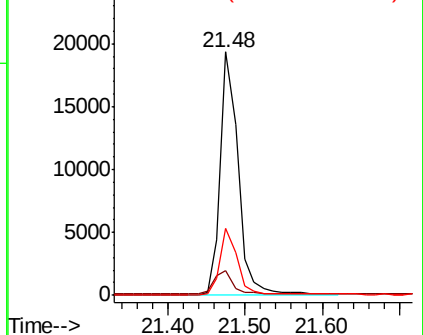
236 27.5 20.8 31.2



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: 0.102 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097782.D

Acq: 6 Oct 2018 8:47

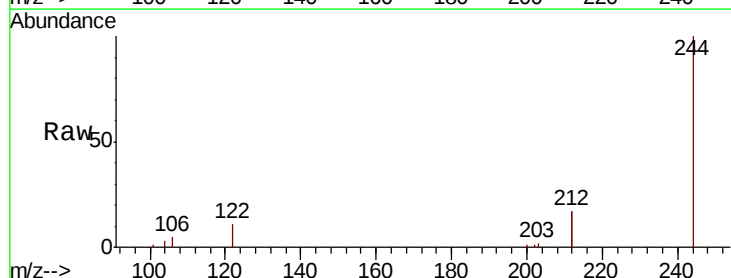
Tgt Ion:244 Resp: 6436

Ion Ratio Lower Upper

244 100

212 34.4 25.8 38.8

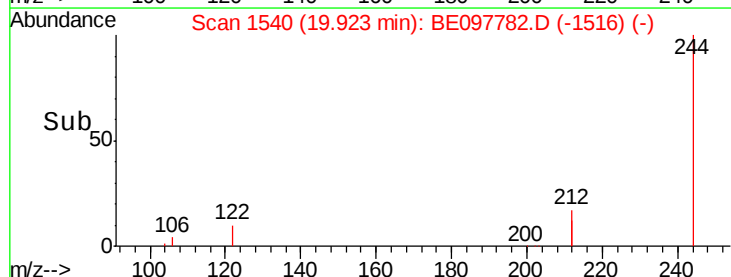
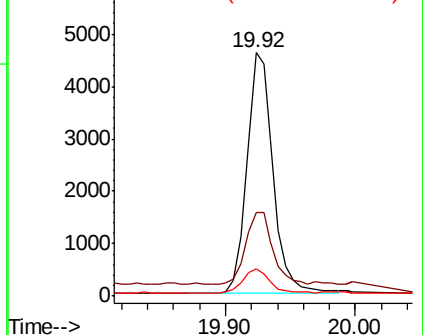
122 11.4 8.7 13.1

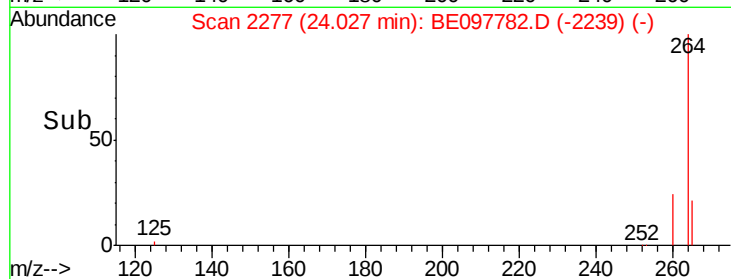
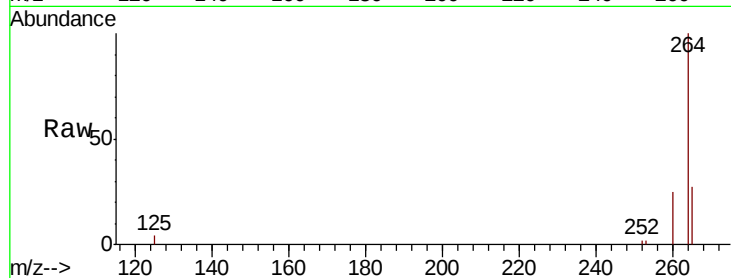
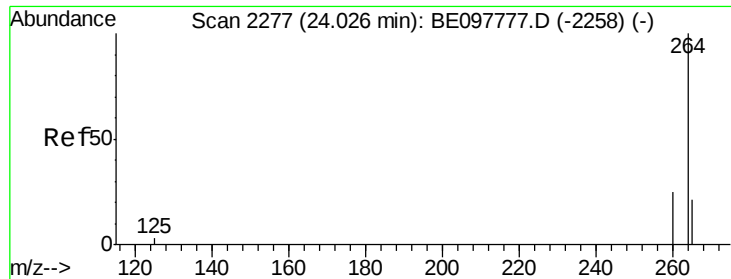


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE097782.D

Acq: 6 Oct 2018 8:47

Instrument :

BNA_E

ClientSampleId :

TT-101D1-20180928DL

Tot Ion:264 Resp: 31861

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 26.5 21.9 32.9

