

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097754.D
 Acq On : 5 Oct 2018 14:34
 Operator : SJ/JU
 Sample : J5189-10DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 05 16:35:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

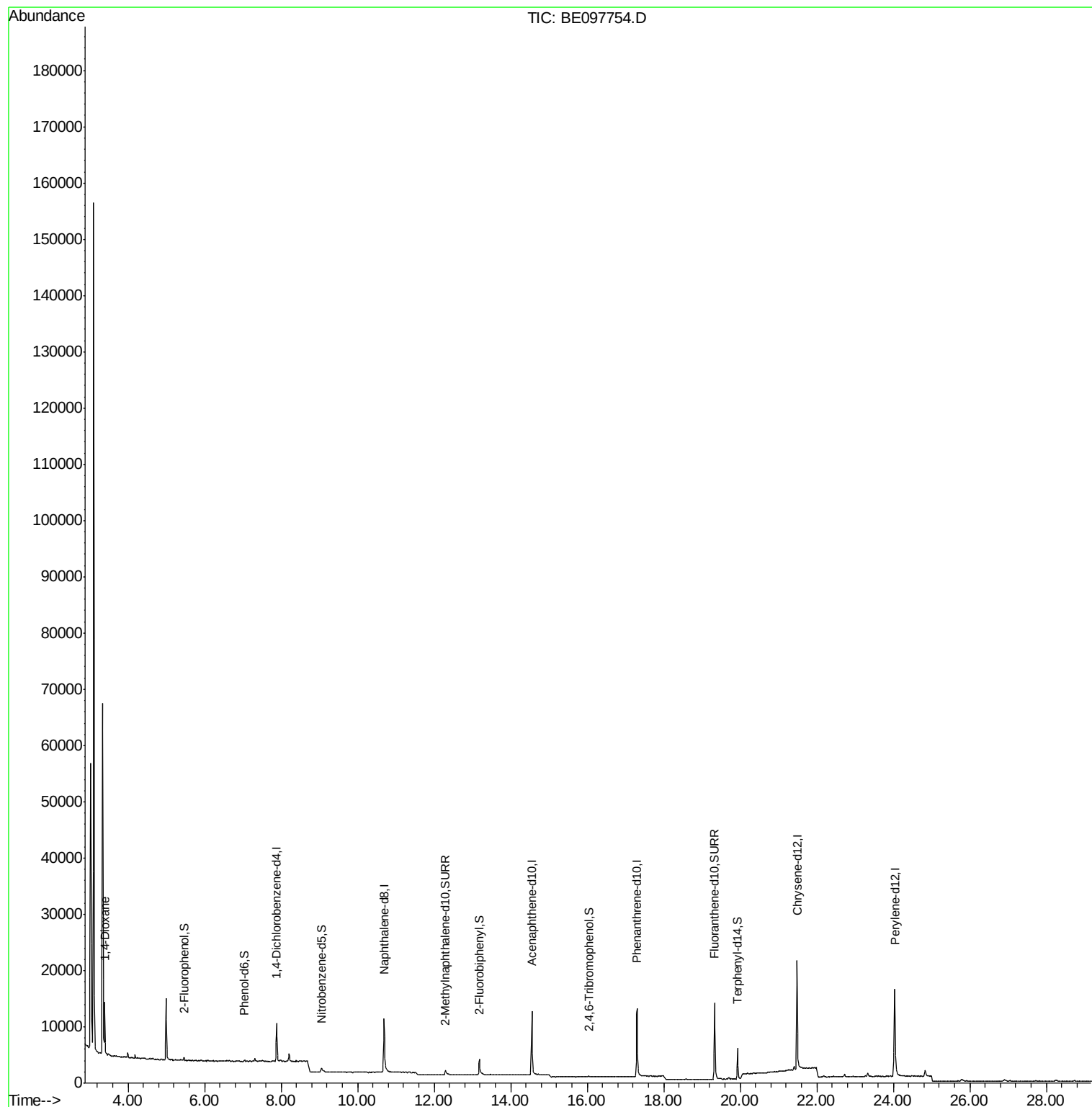
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3324	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12885	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7596	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	21653	0.40	ng	0.00
27) Chrysene-d12	21.49	240	24047	0.40	ng	0.00
34) Perylene-d12	24.04	264	24376	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	325	0.04	ng	0.00
5) Phenol-d6	7.05	99	358	0.03	ng	0.00
8) Nitrobenzene-d5	9.06	82	593	0.14	ng	0.01
11) 2-Methylnaphthalene-d10	12.29	152	1770	0.09	ng	0.00
14) 2,4,6-Tribromophenol	16.06	330	127	0.09	ng	0.01
15) 2-Fluorobiphenyl	13.19	172	4128	0.12	ng	0.00
25) Fluoranthene-d10	19.33	212	22092	0.08	ng	0.00
29) Terphenyl-d14	19.93	244	5081	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	6008	0.907	ng	Qvalue 99

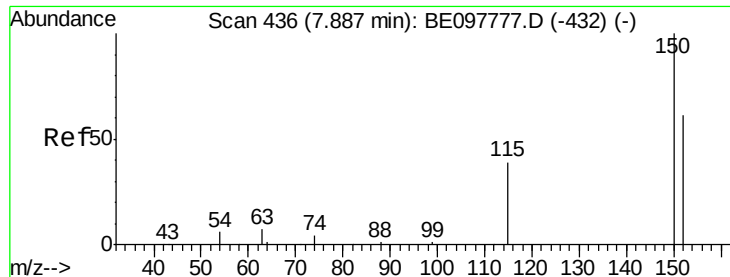
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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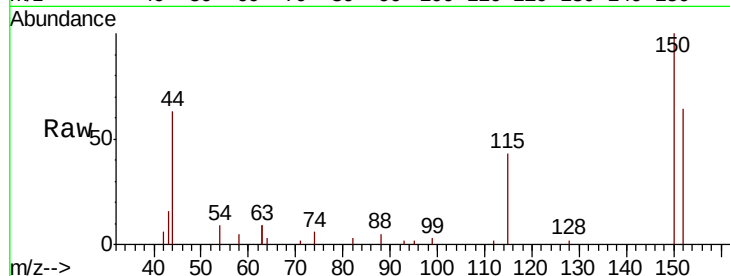


#1

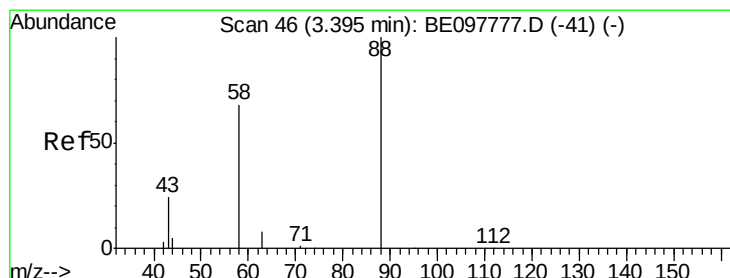
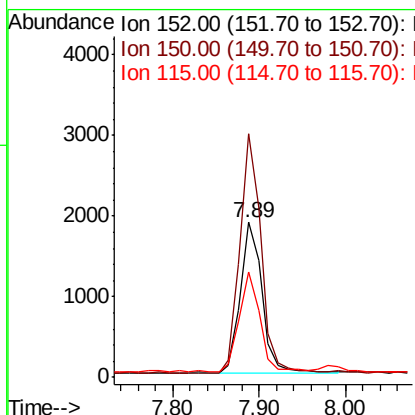
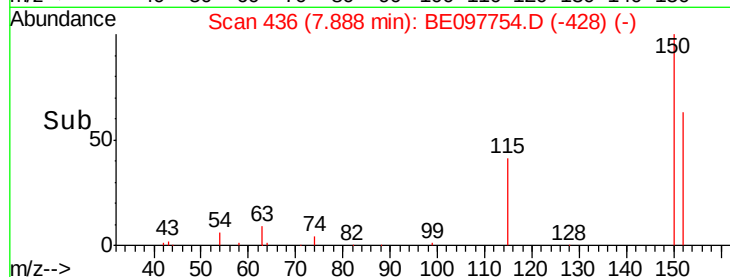
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097754.D
Acq: 5 Oct 2018 14:34

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

Tot Ion:152 Resp: 3324
Ion Ratio Lower Upper
152 100
150 157.4 120.9 181.3
115 67.7 46.6 69.8



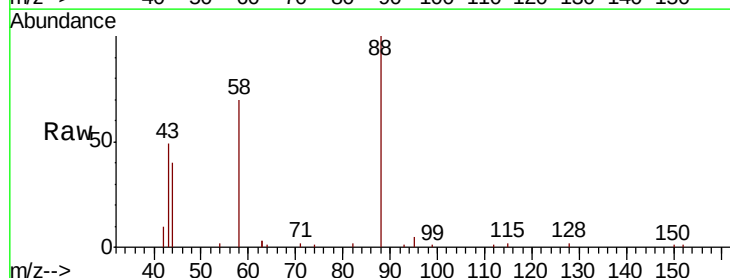
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



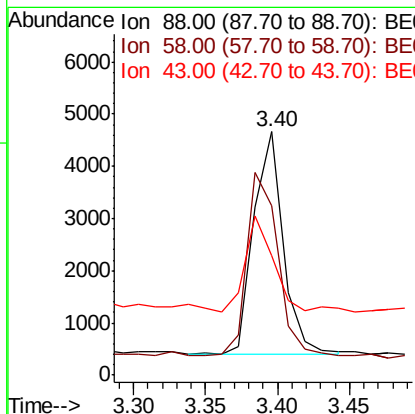
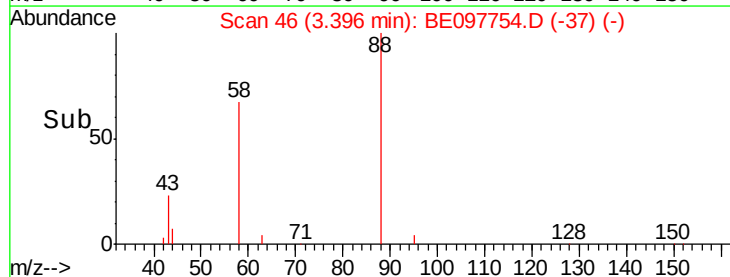
#2

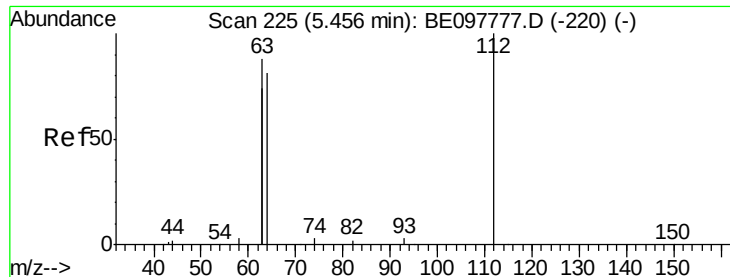
1,4-Dioxane
Concen: 0.907 ng
RT: 3.40 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097754.D
Acq: 5 Oct 2018 14:34

Tgt Ion: 88 Resp: 6008
Ion Ratio Lower Upper
88 100
58 87.1 70.8 106.2
43 41.9 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: 0.041 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097754.D

Acq: 5 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

TT-101D-20180928DL

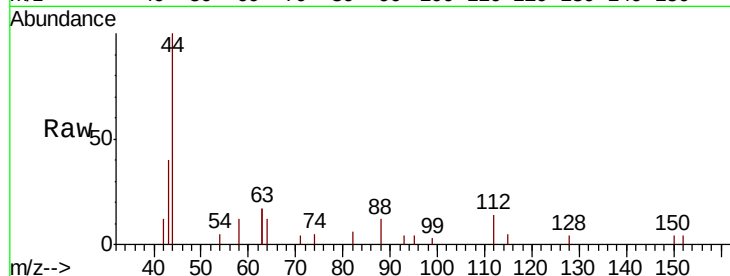
Tot Ion: 112 Resp: 325

Ion Ratio Lower Upper

112 100

64 66.5 56.6 84.8

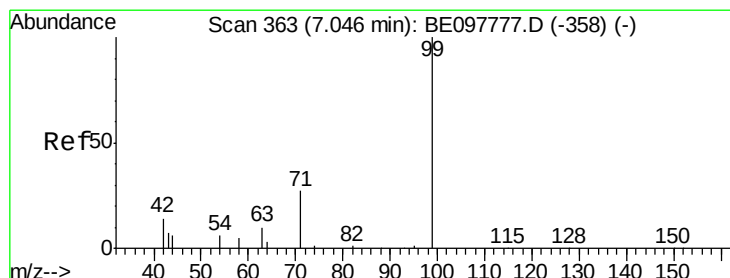
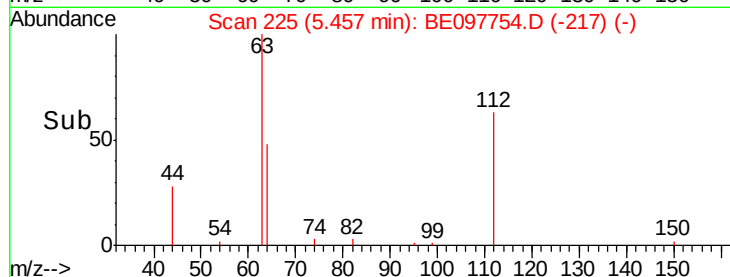
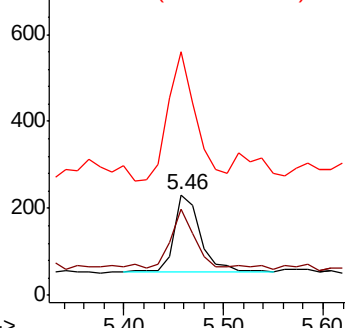
63 173.8 119.4 179.0



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



#5

Phenol-d6

Concen: 0.030 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097754.D

Acq: 5 Oct 2018 14:34

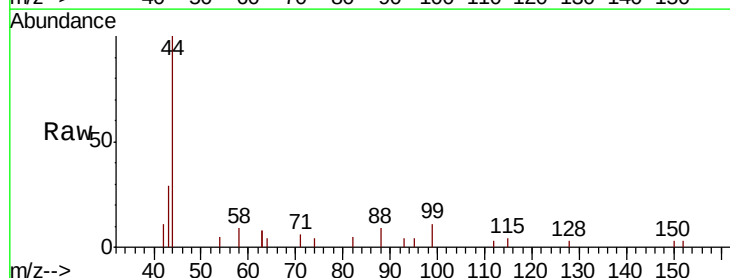
Tgt Ion: 99 Resp: 358

Ion Ratio Lower Upper

99 100

42 54.7 19.9 29.9#

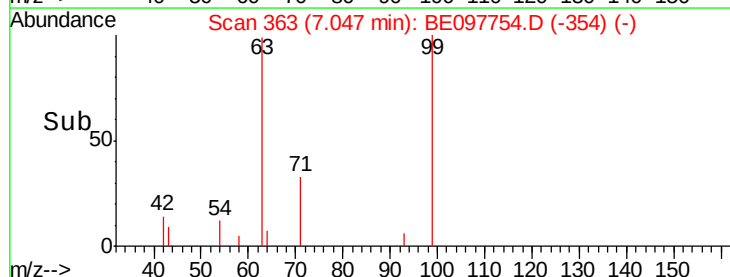
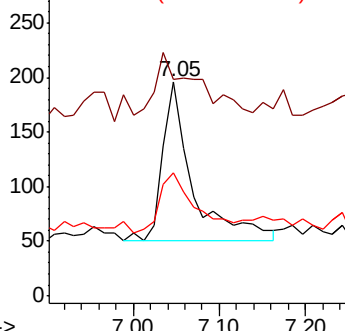
71 45.5 25.4 38.2#

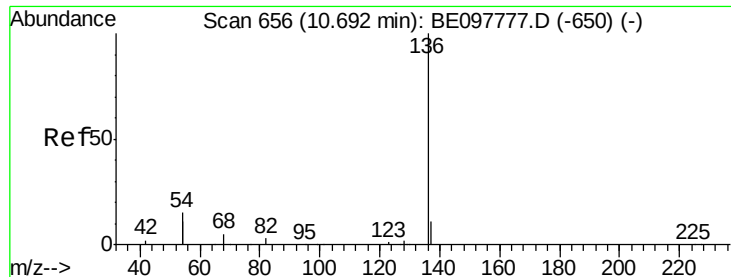


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097754.D

Acq: 5 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

TT-101D-20180928DL

Tot Ion:136 Resp: 12885

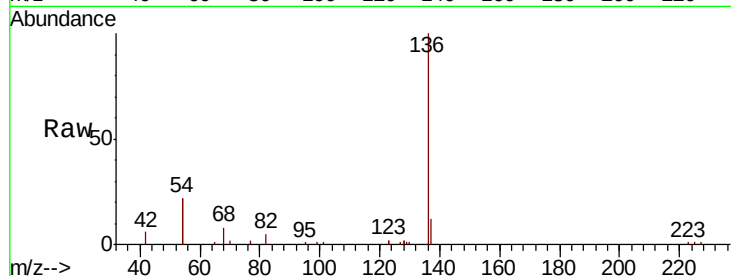
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 43.1 37.8 56.6

68 7.9 6.4 9.6

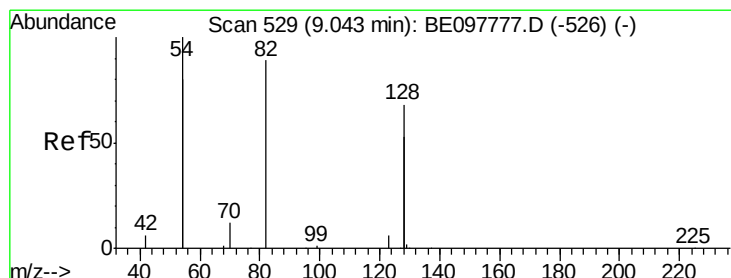
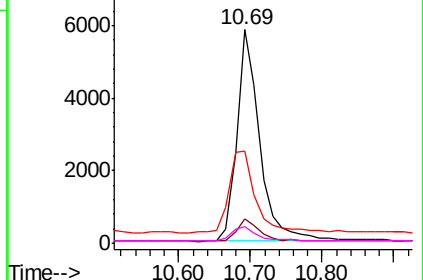
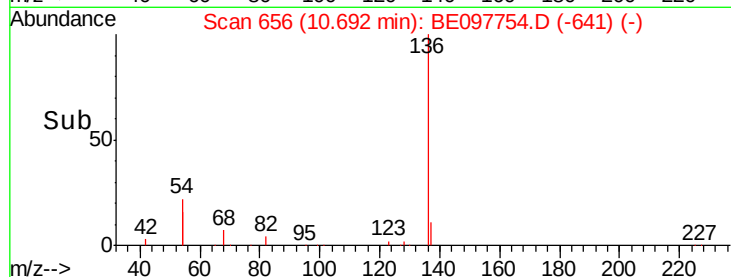


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.142 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097754.D

Acq: 5 Oct 2018 14:34

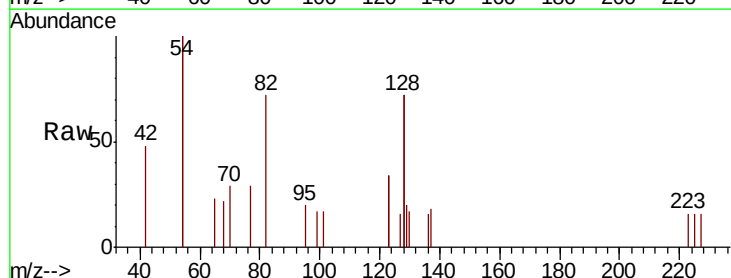
Tgt Ion: 82 Resp: 593

Ion Ratio Lower Upper

82 100

128 200.0 97.0 145.4#

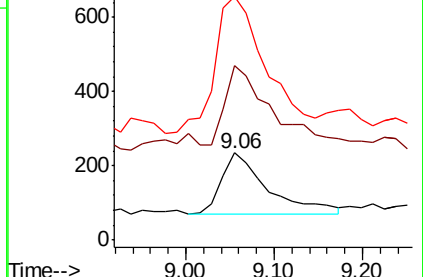
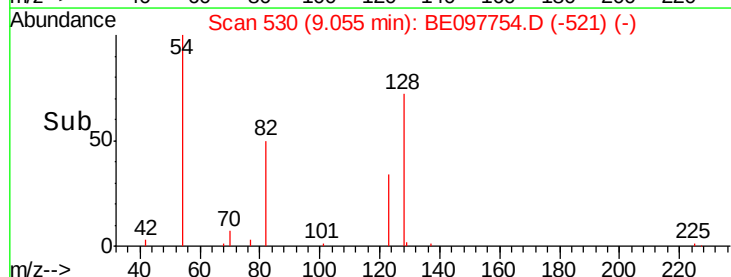
54 279.1 206.9 310.3

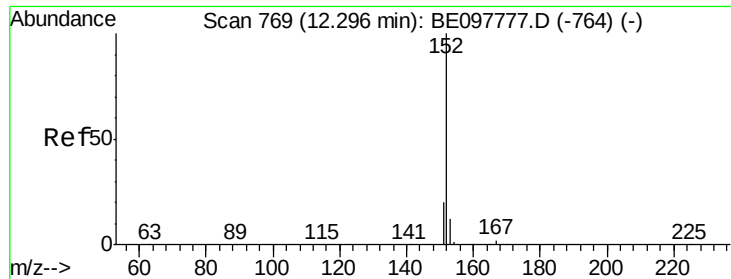


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

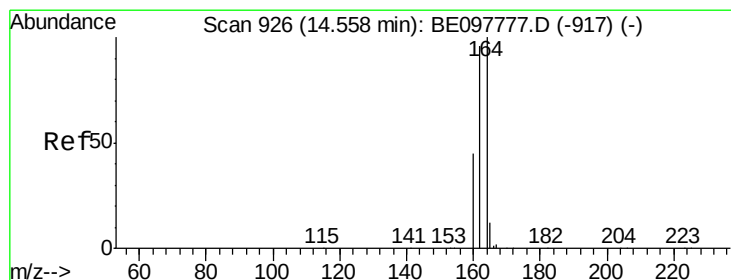
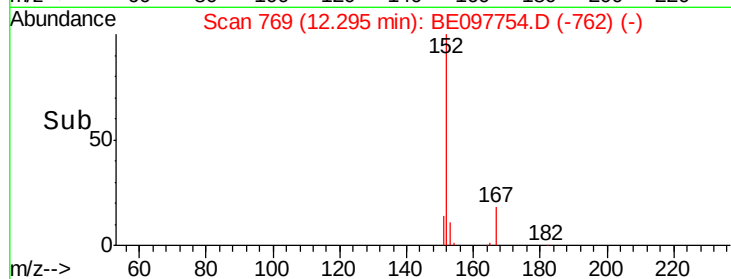
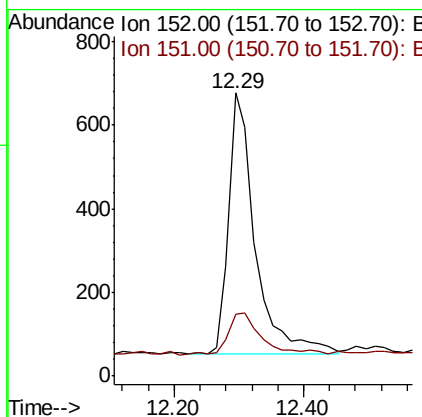
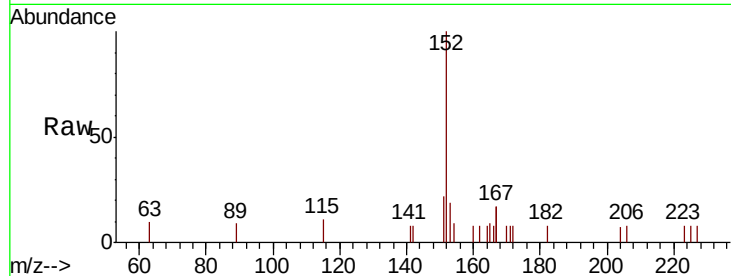




#11
 2-Methylnaphthalene-d10
 Concen: 0.086 ng
 RT: 12.29 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097754.D
 Acq: 5 Oct 2018 14:34

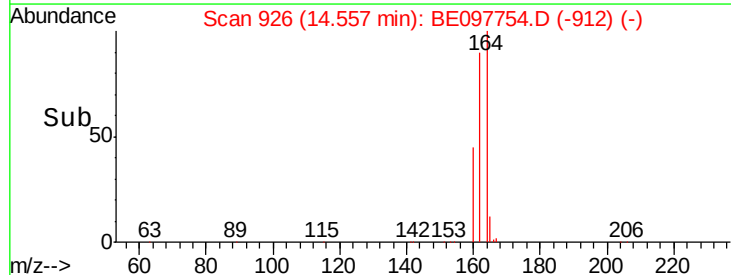
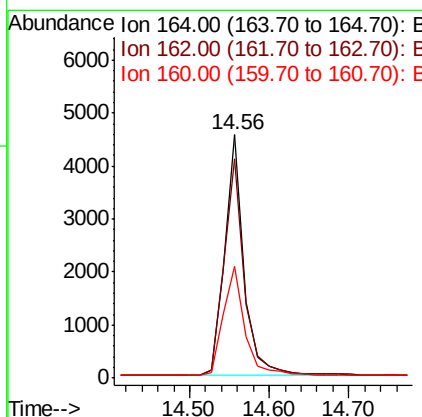
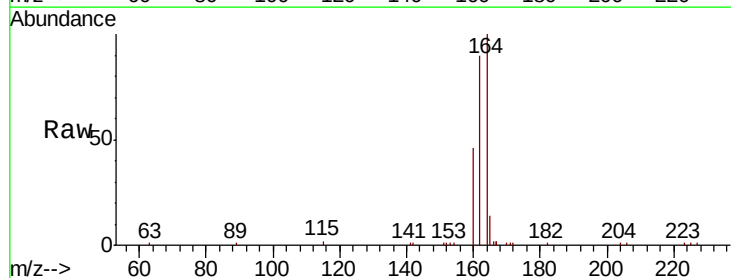
Instrument :
 BNA_E
 ClientSampleId :
 TT-101D-20180928DL

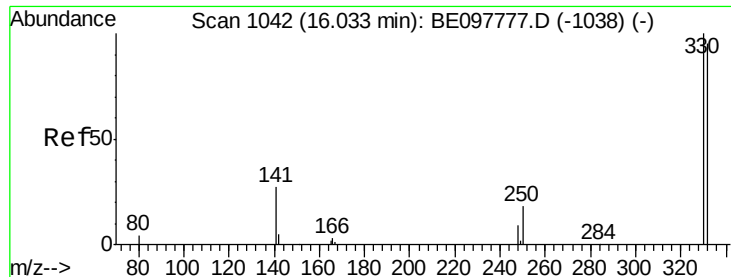
Tot Ion:152 Resp: 1770
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097754.D
 Acq: 5 Oct 2018 14:34

Tgt Ion:164 Resp: 7596
 Ion Ratio Lower Upper
 164 100
 162 89.9 78.6 117.8
 160 45.9 37.8 56.6

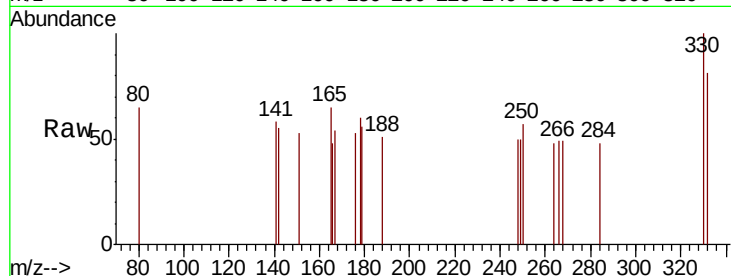




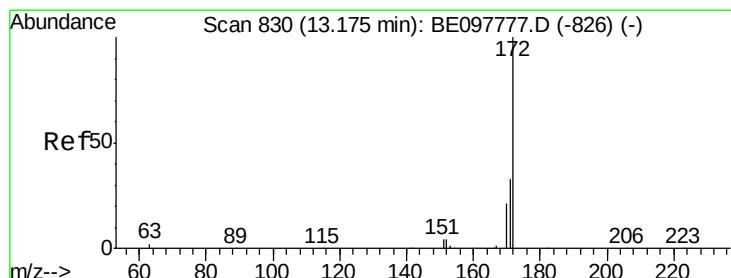
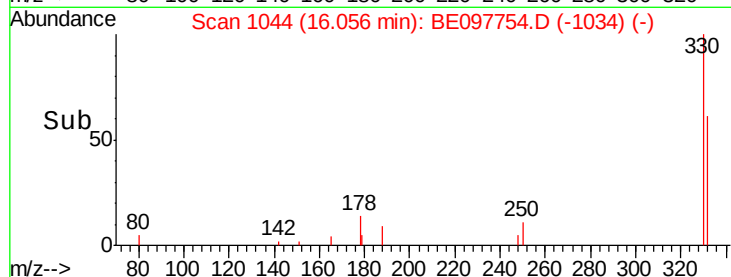
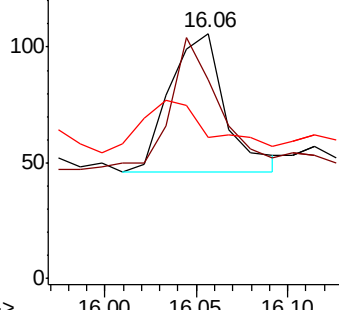
#14
 2,4,6-Tribromophenol
 Concen: 0.092 ng
 RT: 16.06 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BE097754.D
 Acq: 5 Oct 2018 14:34

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

Tot Ion:330 Resp: 127
 Ion Ratio Lower Upper
 330 100
 332 95.3 83.5 125.3
 141 0.0 34.9 52.3#

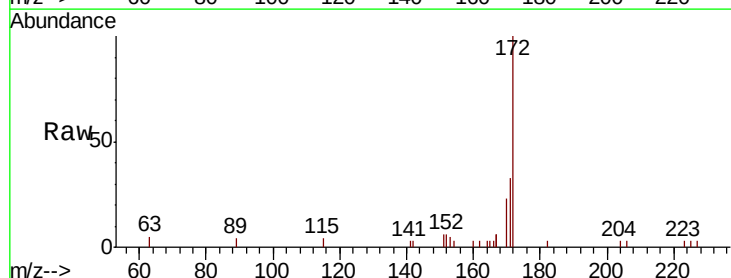


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

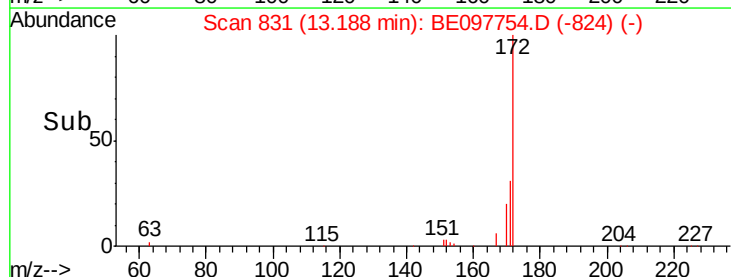
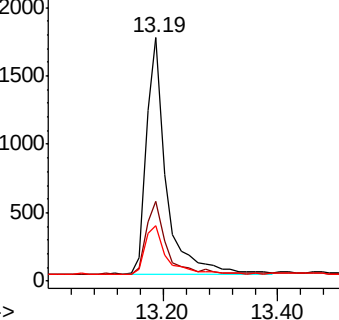


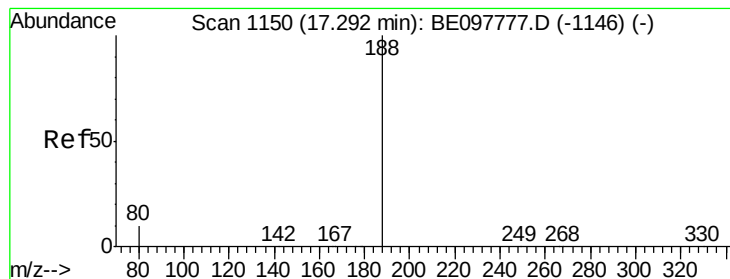
#15
 2-Fluorobiphenyl
 Concen: 0.123 ng
 RT: 13.19 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE097754.D
 Acq: 5 Oct 2018 14:34

Tgt Ion:172 Resp: 4128
 Ion Ratio Lower Upper
 172 100
 171 33.0 25.2 37.8
 170 22.9 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: 17.30 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE097754.D

Acq: 5 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

TT-101D-20180928DL

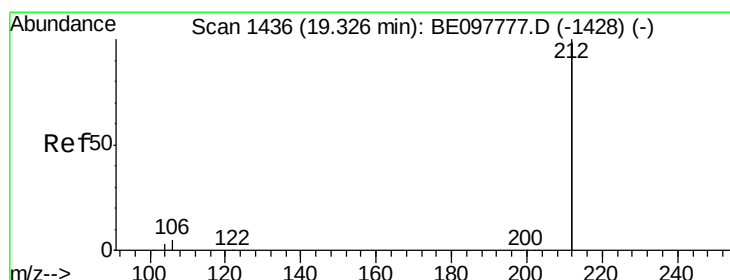
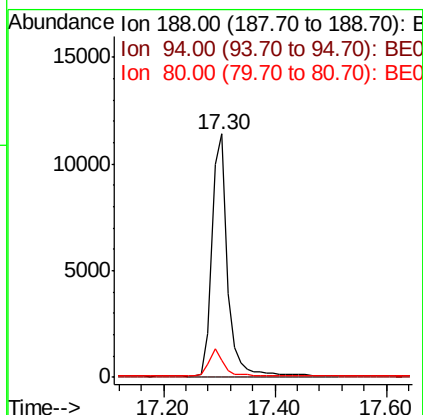
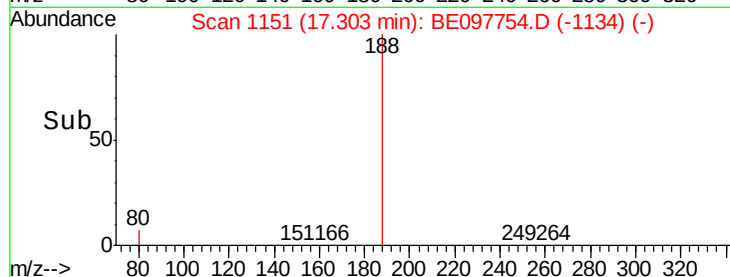
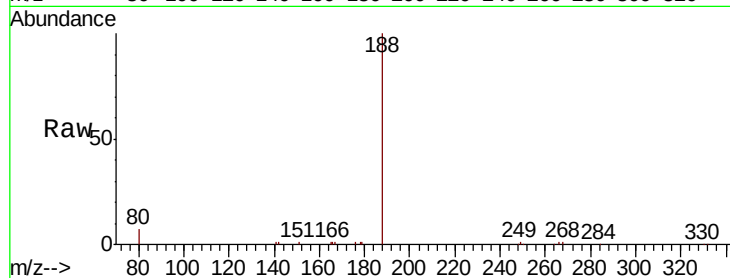
Tot Ion:188 Resp: 21653

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 6.6 9.8



#25

Fluoranthene-d10

Concen: 0.081 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097754.D

Acq: 5 Oct 2018 14:34

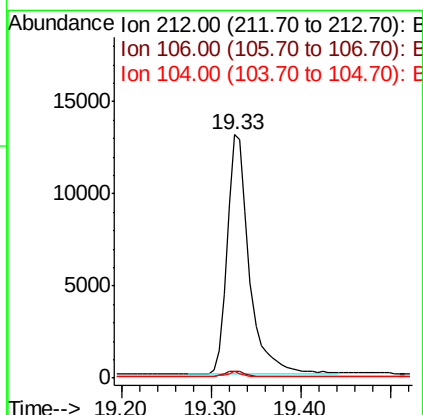
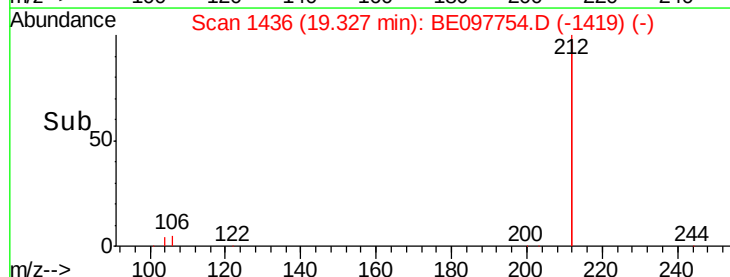
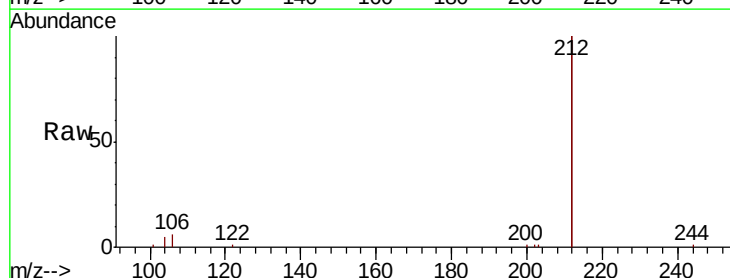
Tgt Ion:212 Resp: 22092

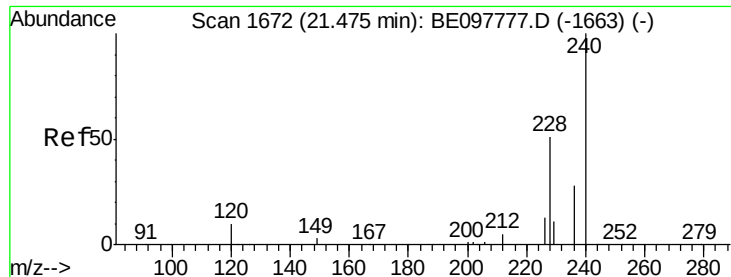
Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

104 1.7 1.2 1.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097754.D

Acq: 5 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

TT-101D-20180928DL

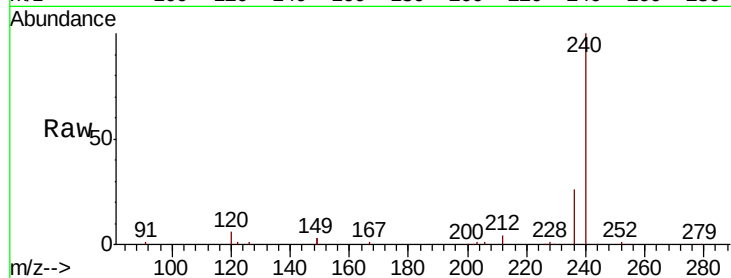
Tot Ion:240 Resp: 24047

Ion Ratio Lower Upper

240 100

120 5.6 4.7 7.1

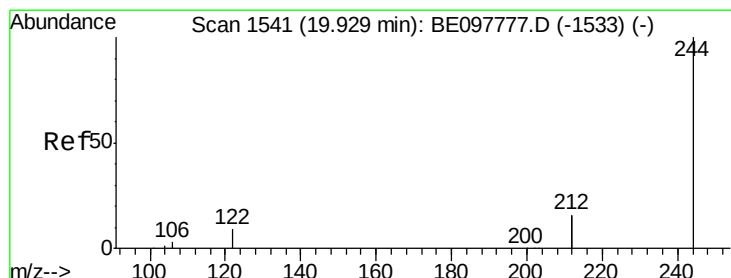
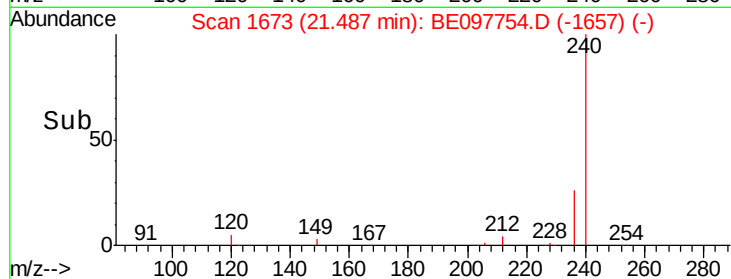
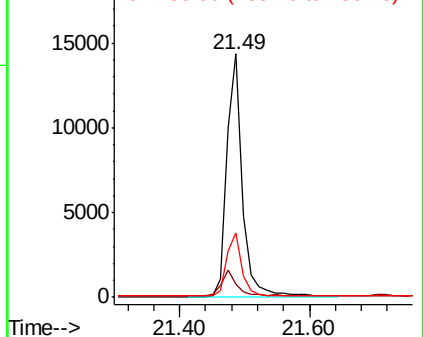
236 26.2 20.8 31.2



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: 0.103 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097754.D

Acq: 5 Oct 2018 14:34

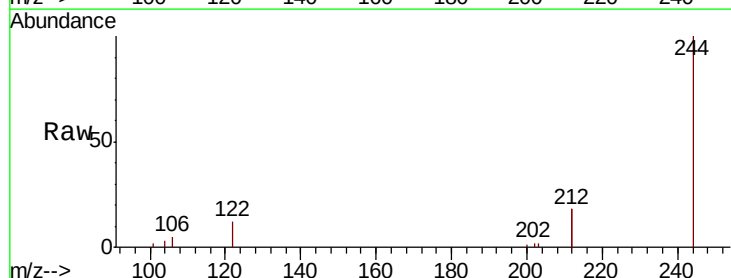
Tgt Ion:244 Resp: 5081

Ion Ratio Lower Upper

244 100

212 35.5 25.8 38.8

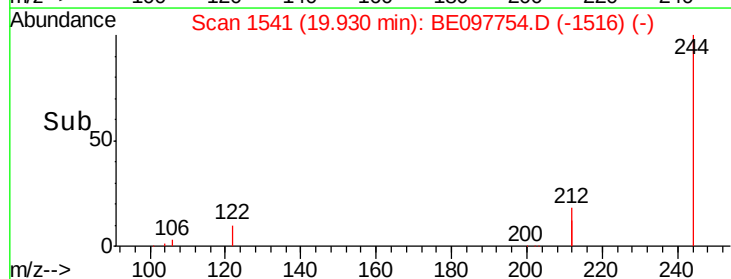
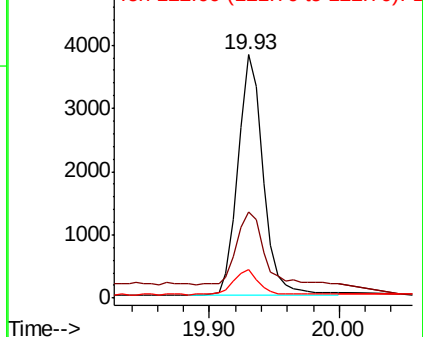
122 11.6 8.7 13.1

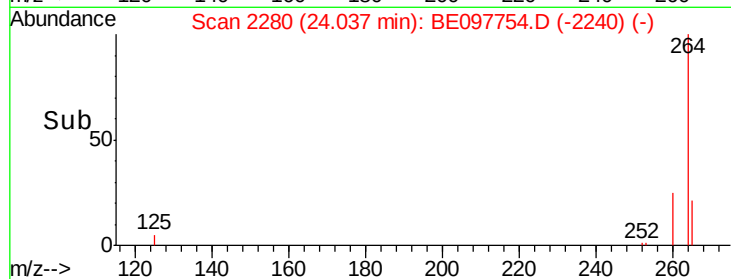
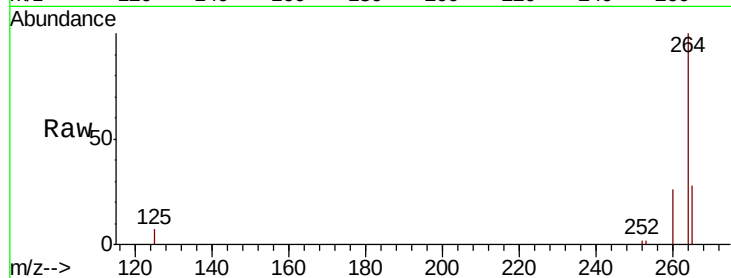
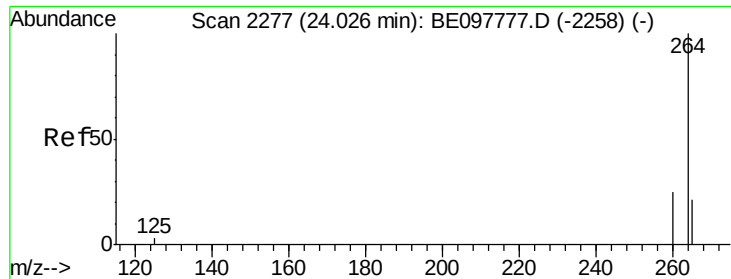


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097754.D

Acq: 5 Oct 2018 14:34

Instrument :

BNA_E

ClientSampleId :

TT-101D-20180928DL

Tot Ion:264 Resp: 24376

Ion Ratio Lower Upper

264 100

260 25.5 19.1 28.7

265 27.6 21.9 32.9

