

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097803.D
 Acq On : 8 Oct 2018 21:10
 Operator : SJ/JU
 Sample : J5189-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 09 06:59:16 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

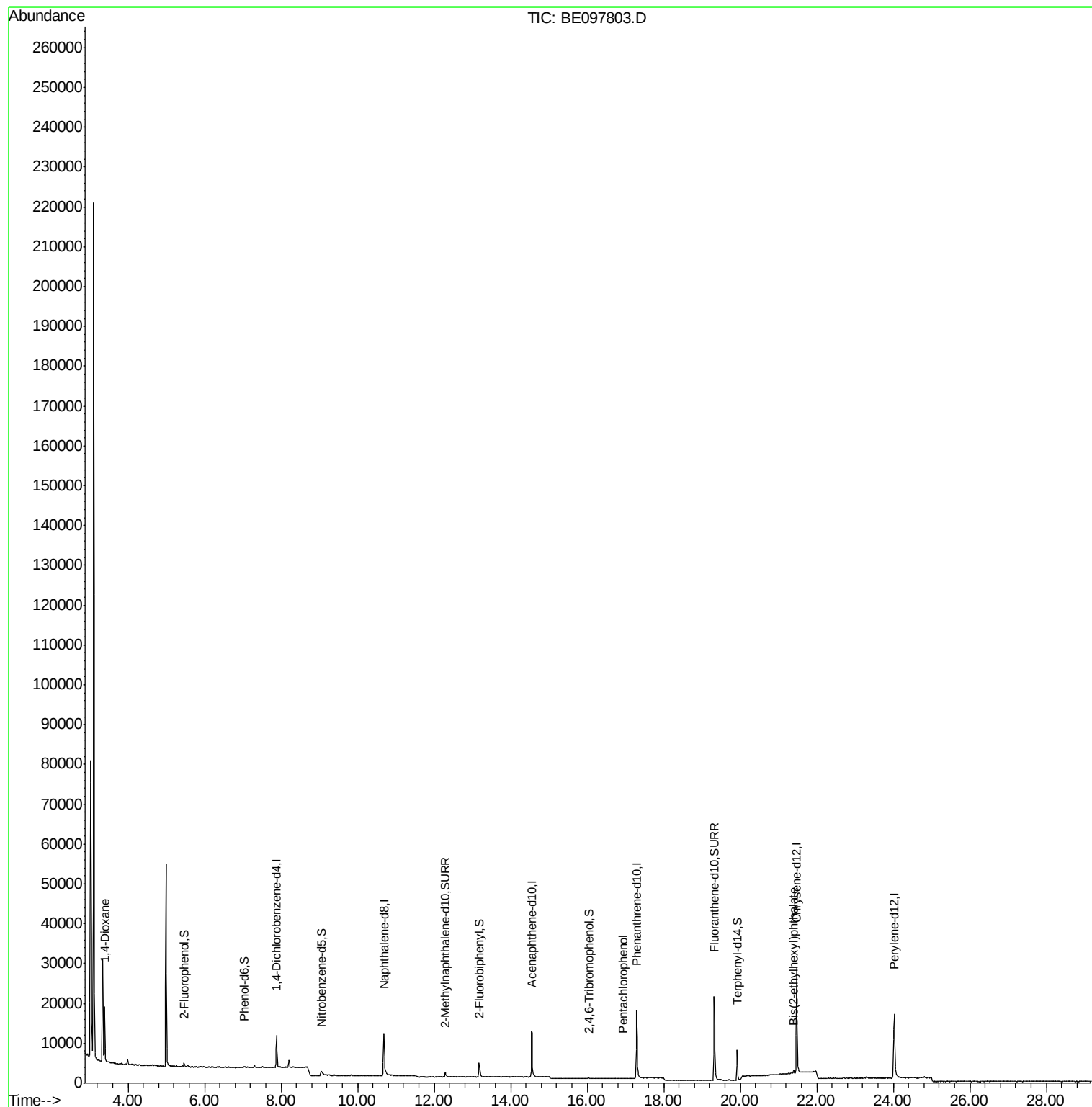
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3816	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15547	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	9445	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	26489	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	29156	0.40	ng	-0.01
34) Perylene-d12	24.02	264	27017	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	463	0.05	ng	0.00
5) Phenol-d6	7.04	99	299	0.02	ng	0.00
8) Nitrobenzene-d5	9.06	82	822	0.16	ng	0.01
11) 2-Methylnaphthalene-d10	12.30	152	2493	0.10	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	206	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4794	0.12	ng	-0.02
25) Fluoranthene-d10	19.32	212	33607	0.10	ng	-0.01
29) Terphenyl-d14	19.92	244	7324	0.12	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	9445	1.242	ng	Qvalue 98
22) Pentachlorophenol	16.94	266	52	0.021	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.40	149	1164	0.020	ng	# 94

(#) = 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: BE097803.D

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ClientSampleId :

TT-101D1-20180928DL

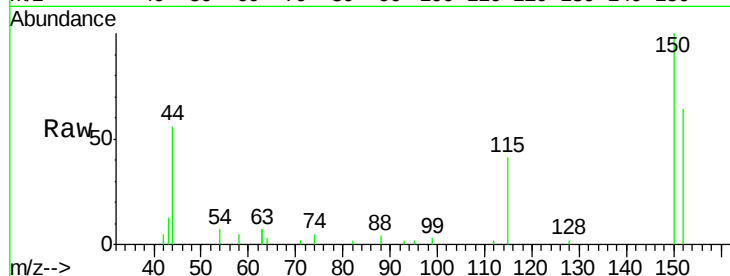
Tgt Ion: 152 Resp: 3816

Ion Ratio Lower Upper

152 100

150 155.9 120.9 181.3

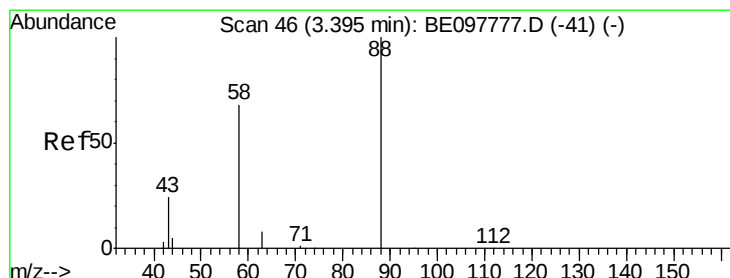
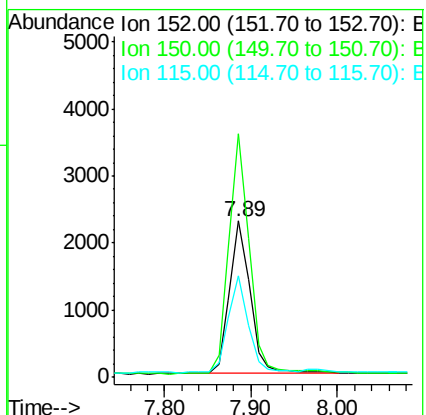
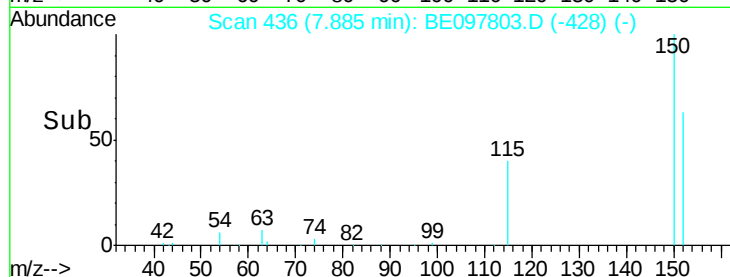
115 64.7 46.6 69.8



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: 1.242 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097803.D

Acq: 8 Oct 2018 21:10

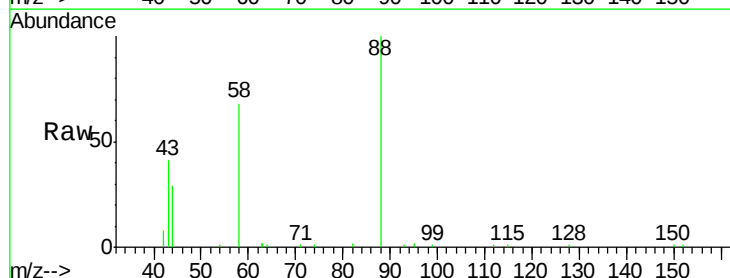
Tgt Ion: 88 Resp: 9445

Ion Ratio Lower Upper

88 100

58 86.3 70.8 106.2

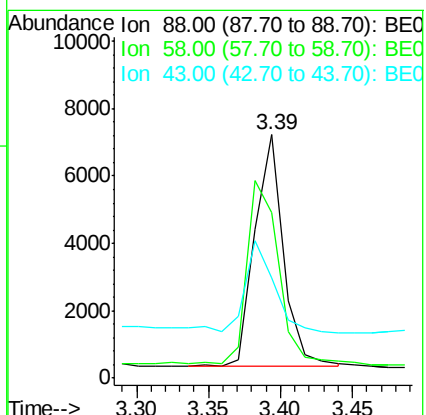
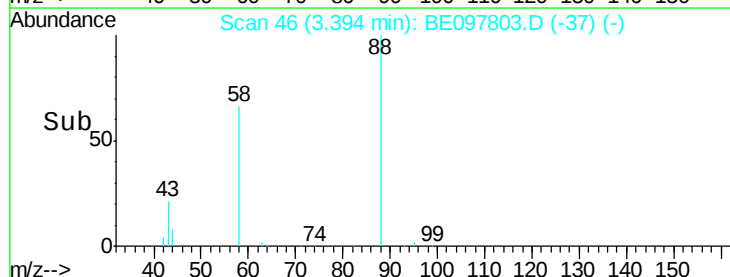
43 40.5 33.3 49.9

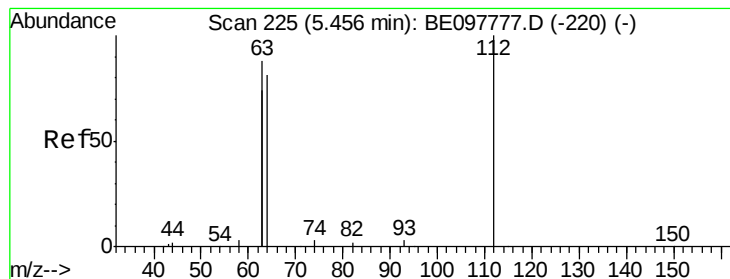


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.051 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097803.D

Acq: 8 Oct 2018 21:10

Instrument :

BNA_E

ClientSampleId :

TT-101D1-20180928DL

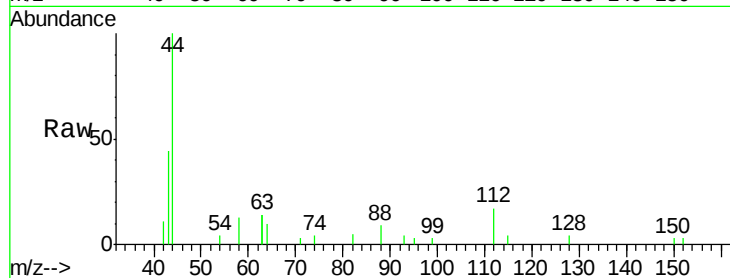
Tgt Ion: 112 Resp: 463

Ion Ratio Lower Upper

112 100

64 79.0 56.6 84.8

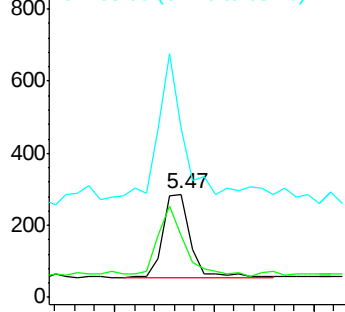
63 142.1 119.4 179.0



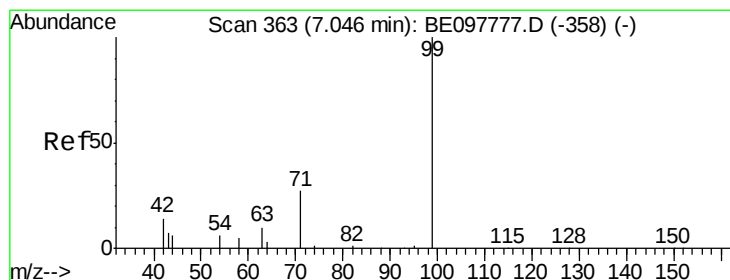
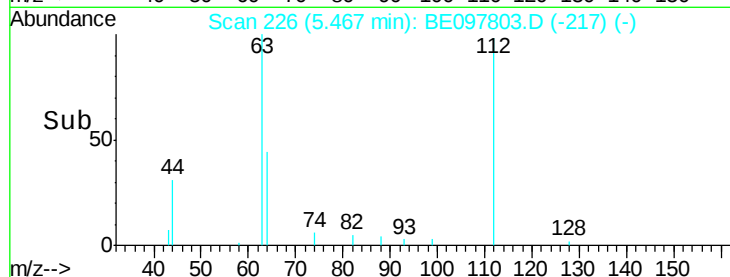
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.022 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097803.D

Acq: 8 Oct 2018 21:10

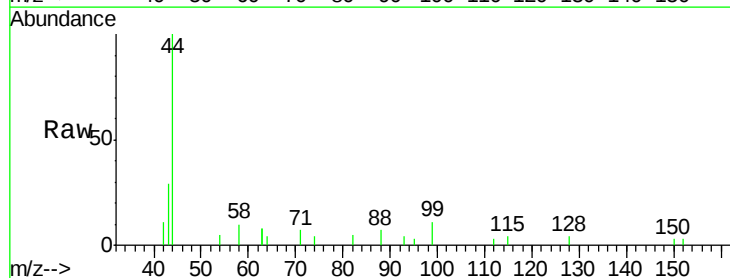
Tgt Ion: 99 Resp: 299

Ion Ratio Lower Upper

99 100

42 41.5 19.9 29.9#

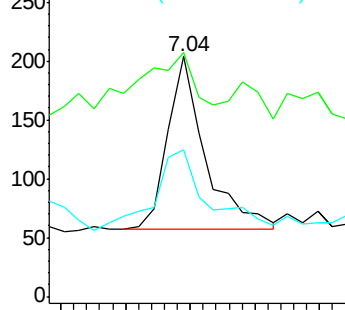
71 65.9 25.4 38.2#



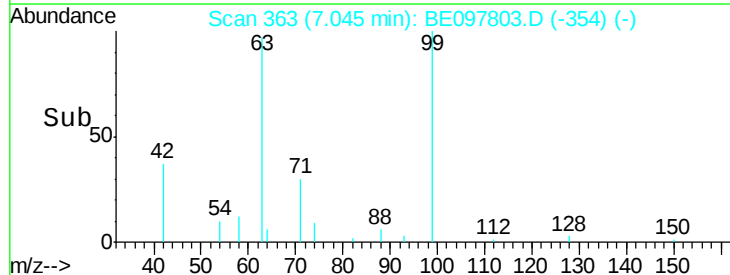
Abundance Ion 99.00 (98.70 to 99.70): BE0

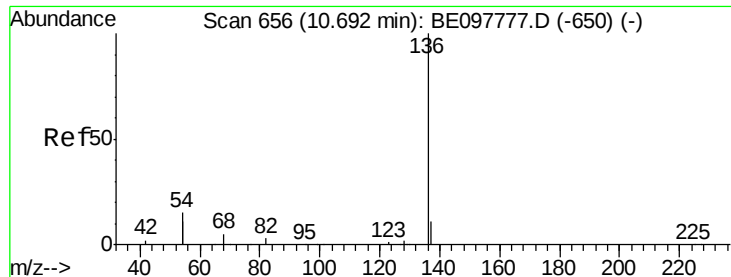
Ion 42.00 (41.70 to 42.70): BE0

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: BE097803.D

Acq: 8 Oct 2018 21:10

Instrument :

BNA_E

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Tgt Ion: 136 Resp: 15547

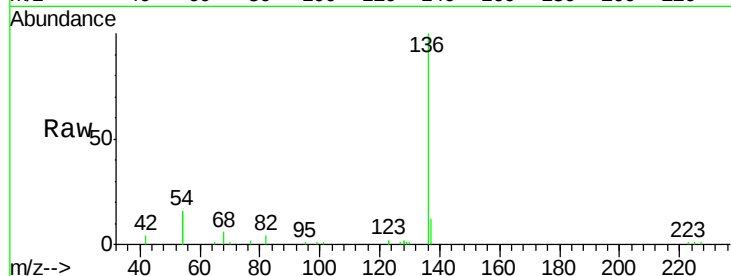
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.4

54 32.6 37.8 56.6#

68 6.0 6.4 9.6#

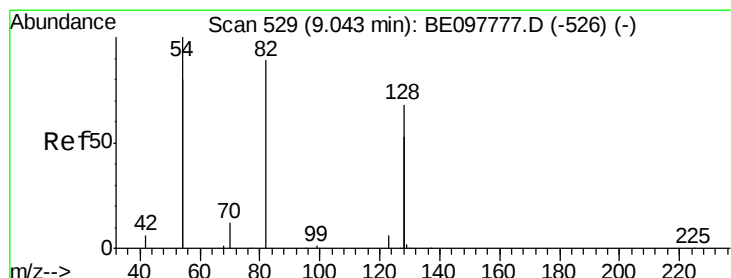
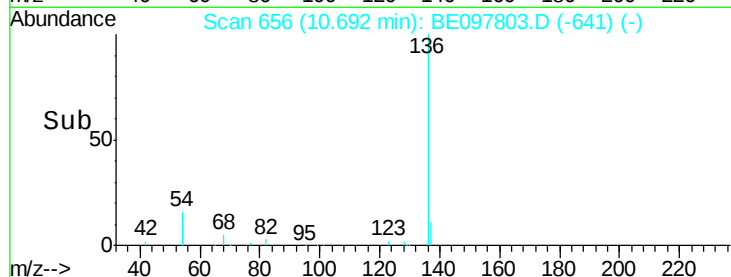
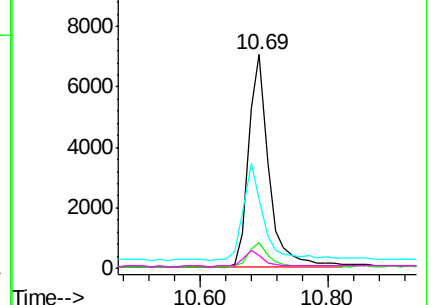


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.163 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097803.D

Acq: 8 Oct 2018 21:10

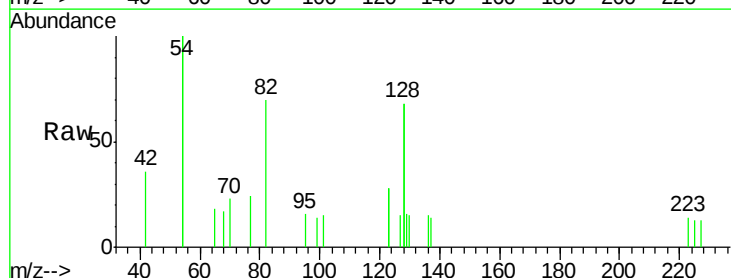
Tgt Ion: 82 Resp: 822

Ion Ratio Lower Upper

82 100

128 194.4 97.0 145.4#

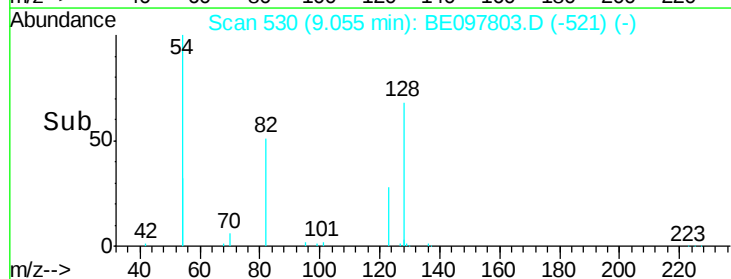
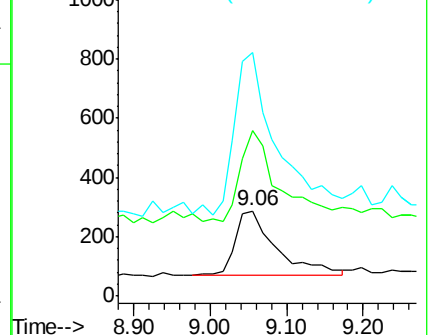
54 285.4 206.9 310.3

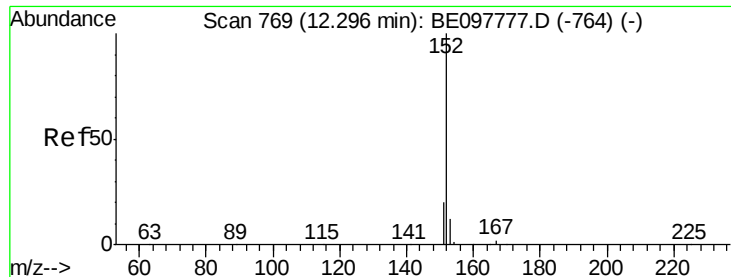


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

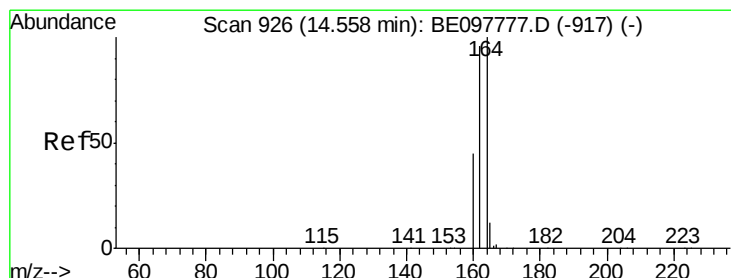
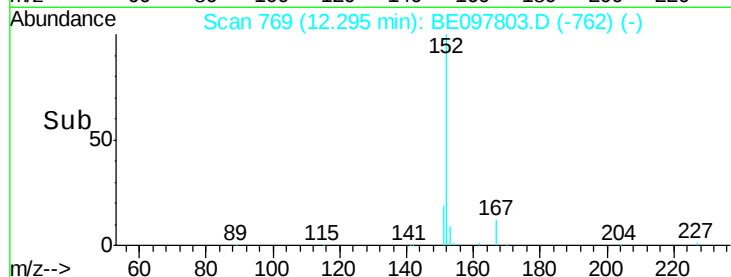
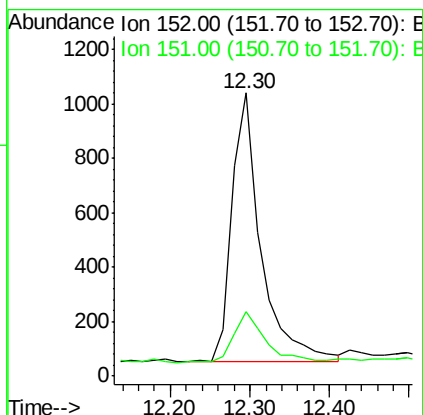
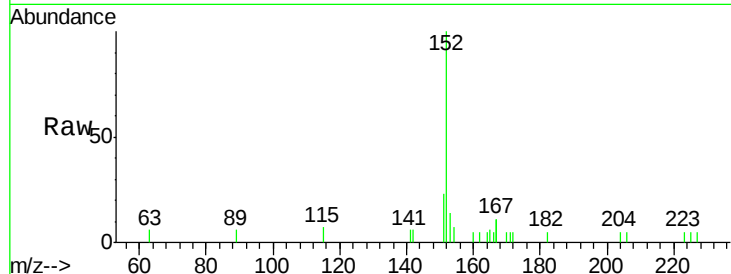




#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE097803.D
Acq: 8 Oct 2018 21:10

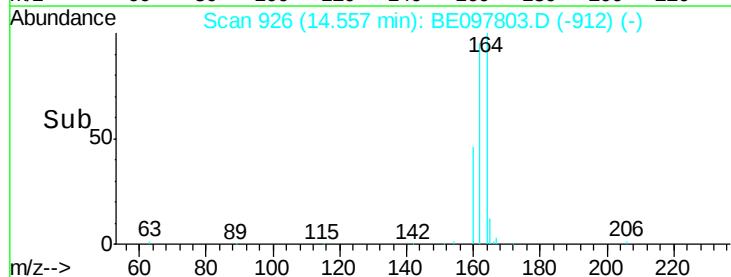
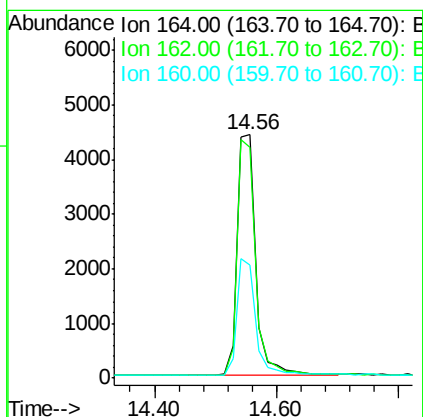
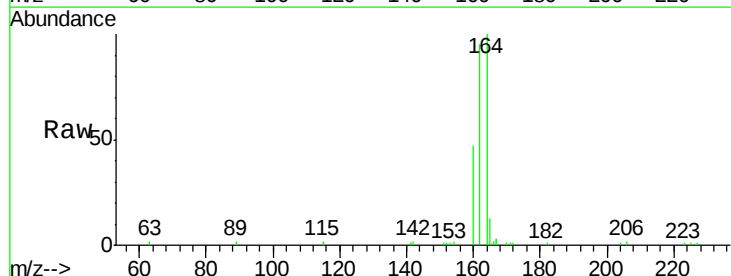
Instrument :
BNA_E
ClientSampleId :
TT-101D1-20180928DL

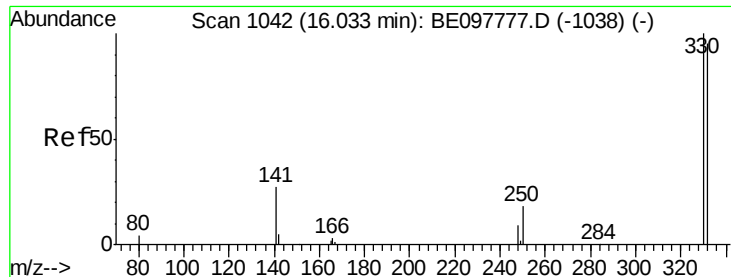
Tgt Ion:152 Resp: 2493
Ion Ratio Lower Upper
152 100
151 20.2 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097803.D
Acq: 8 Oct 2018 21:10

Tgt Ion:164 Resp: 9445
Ion Ratio Lower Upper
164 100
162 95.0 78.6 117.8
160 46.7 37.8 56.6

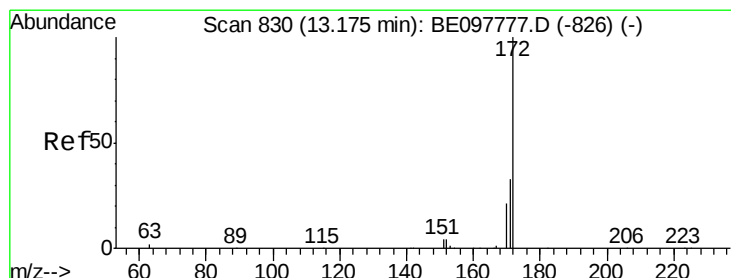
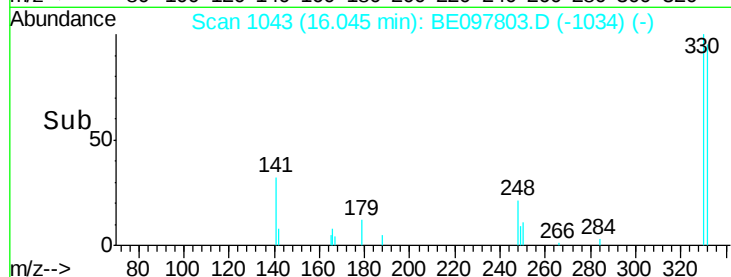
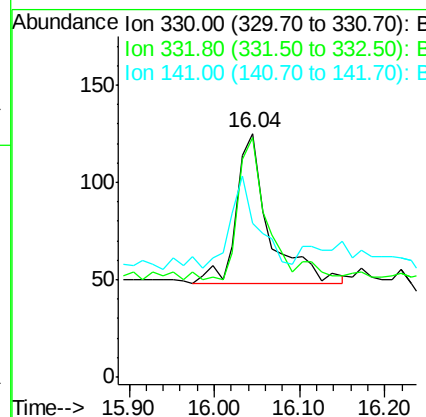
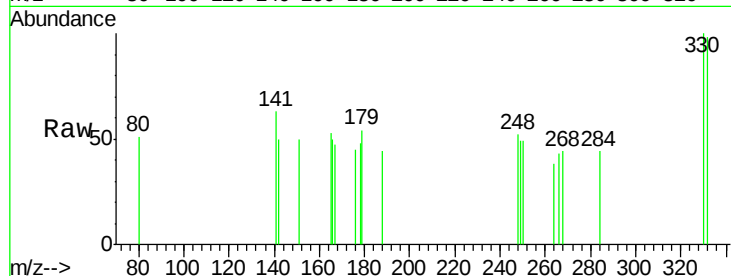




#14
 2,4,6-Tribromophenol
 Concen: 0.120 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097803.D
 Acq: 8 Oct 2018 21:10

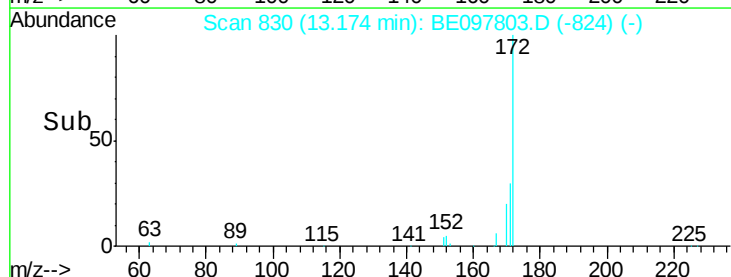
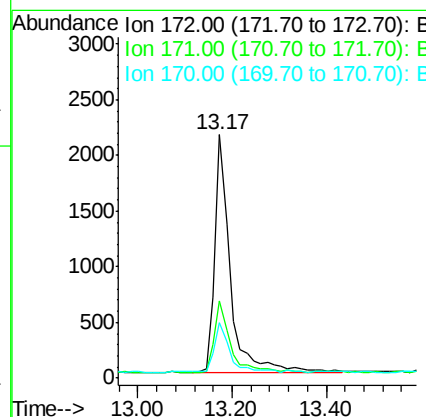
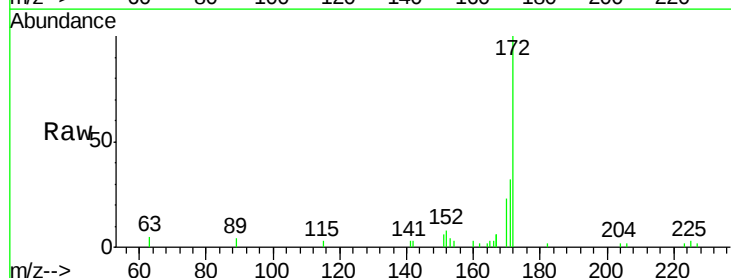
Instrument :
 BNA_E
 ClientSampleId :
 TT-101D1-20180928DL

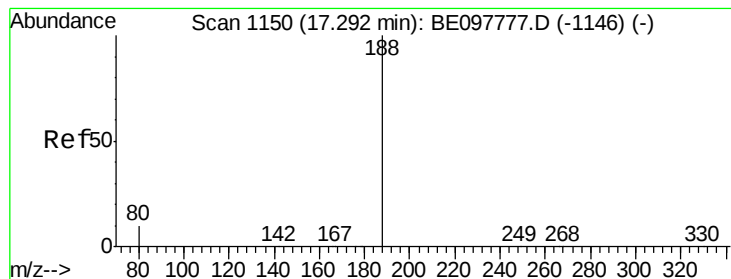
Tgt Ion: 330 Resp: 206
 Ion Ratio Lower Upper
 330 100
 332 85.0 83.5 125.3
 141 50.5 34.9 52.3



#15
 2-Fluorobiphenyl
 Concen: 0.115 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097803.D
 Acq: 8 Oct 2018 21:10

Tgt Ion: 172 Resp: 4794
 Ion Ratio Lower Upper
 172 100
 171 32.0 25.2 37.8
 170 22.5 16.2 24.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097803.D

Acq: 8 Oct 2018 21:10

Instrument :

BNA_E

ClientSampleId :

TT-101D1-20180928DL

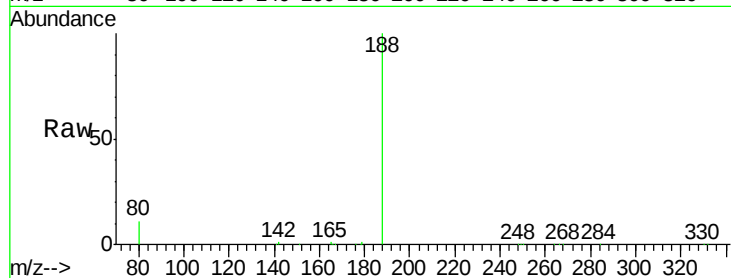
Tgt Ion:188 Resp: 26489

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

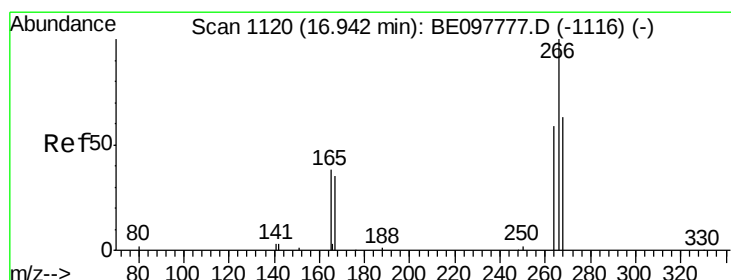
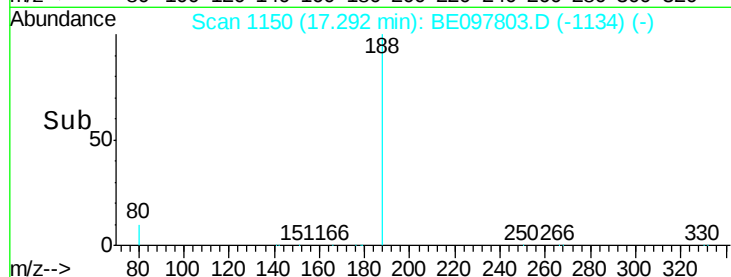
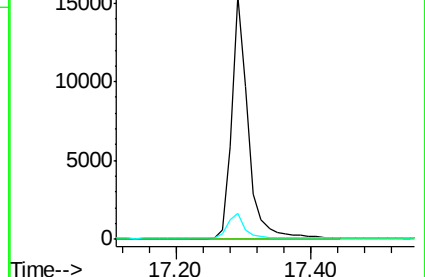
80 10.7 6.6 9.8#



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



#22

Pentachlorophenol

Concen: 0.021 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097803.D

Acq: 8 Oct 2018 21:10

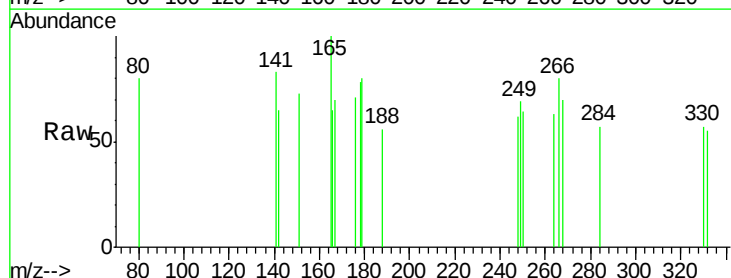
Tgt Ion:266 Resp: 52

Ion Ratio Lower Upper

266 100

264 78.9 46.8 70.2#

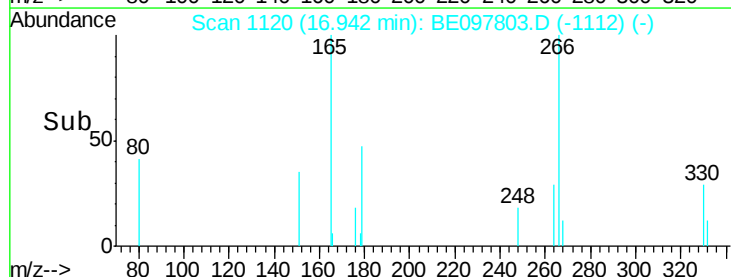
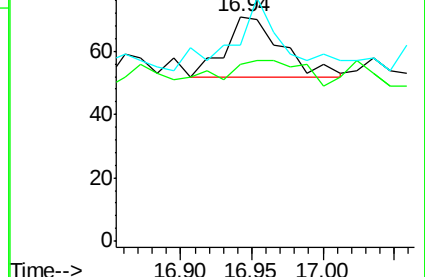
268 87.3 53.0 79.6#

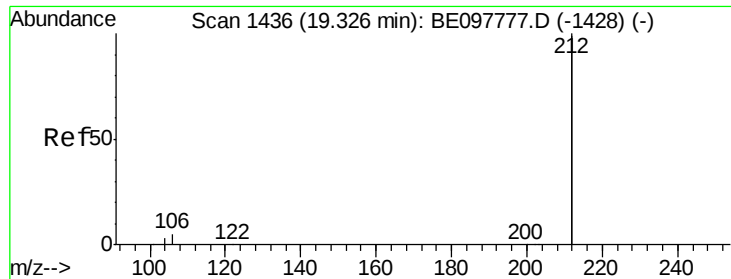


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

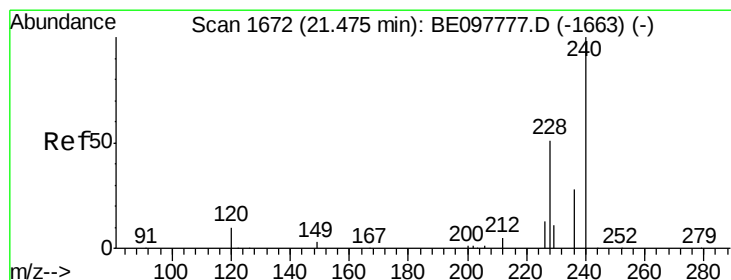
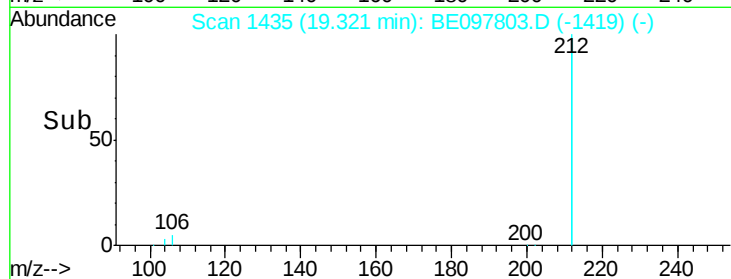
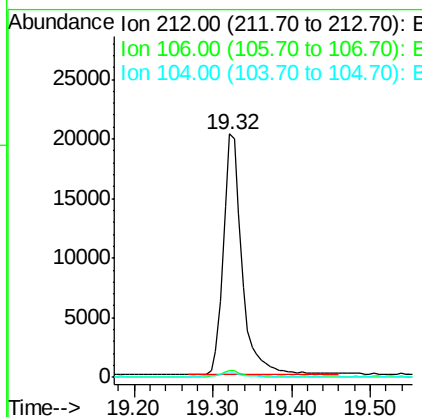
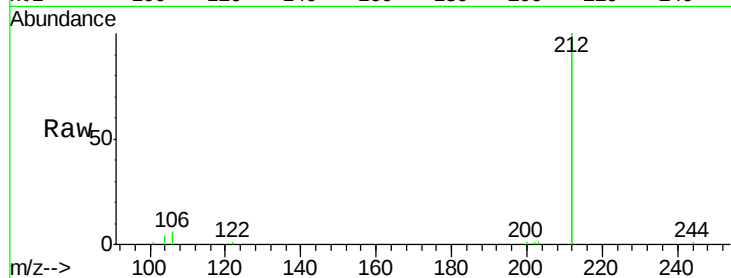




#25
 Fluoranthene-d10
 Concen: 0.100 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE097803.D
 Acq: 8 Oct 2018 21:10

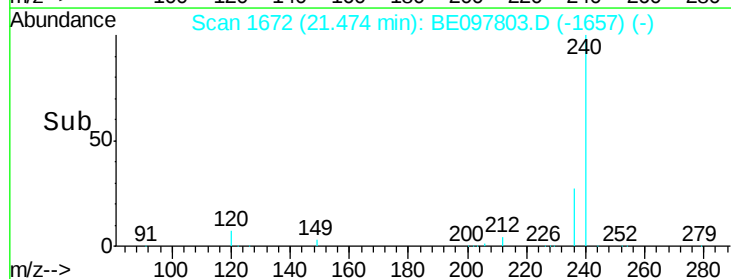
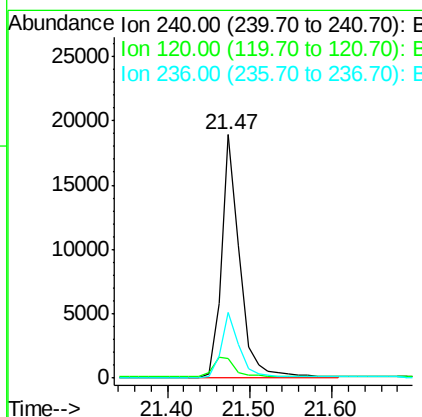
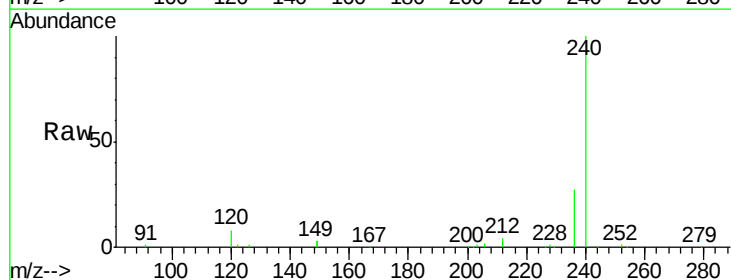
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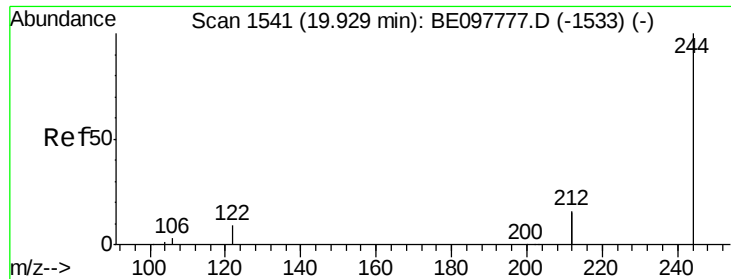
Tgt Ion: 212 Resp: 33607
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.2 1.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.47 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097803.D
 Acq: 8 Oct 2018 21:10

Tgt Ion: 240 Resp: 29156
 Ion Ratio Lower Upper
 240 100
 120 8.1 4.7 7.1#
 236 27.0 20.8 31.2

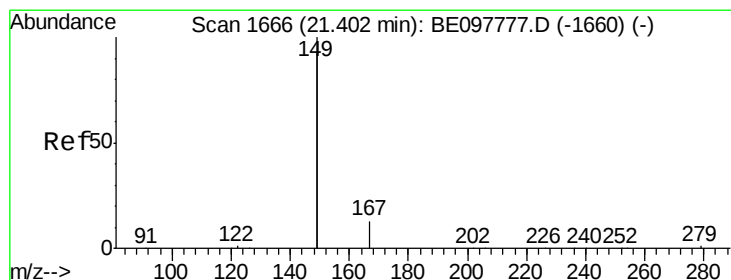
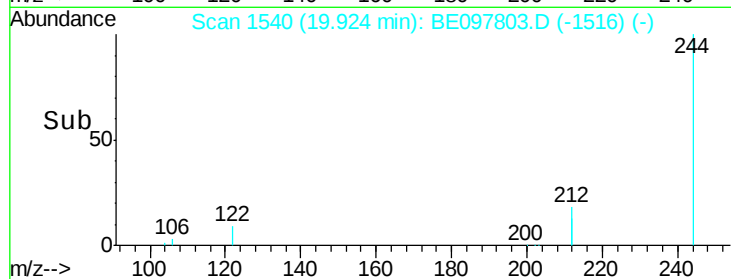
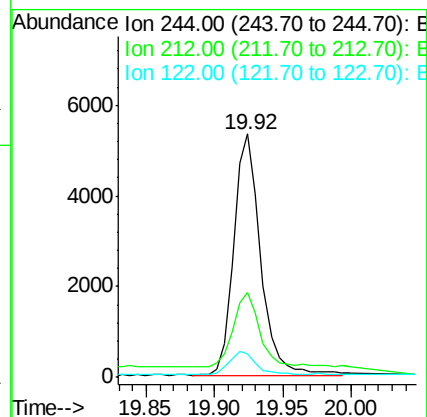
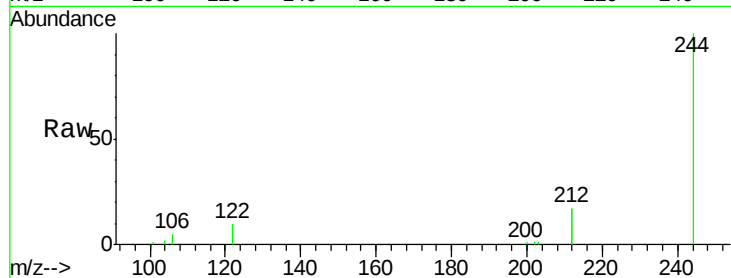




#29
 Terphenyl-d14
 Concen: 0.123 ng
 RT: 19.92 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BE097803.D
 Acq: 8 Oct 2018 21:10

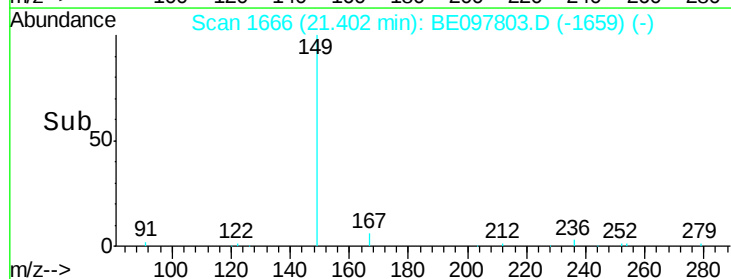
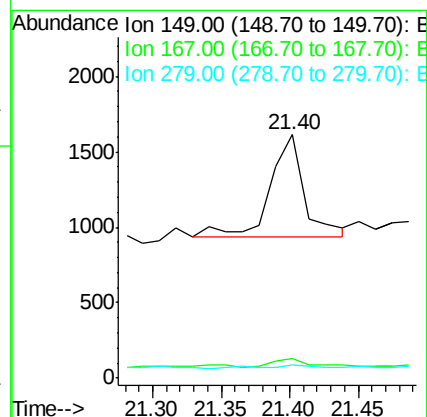
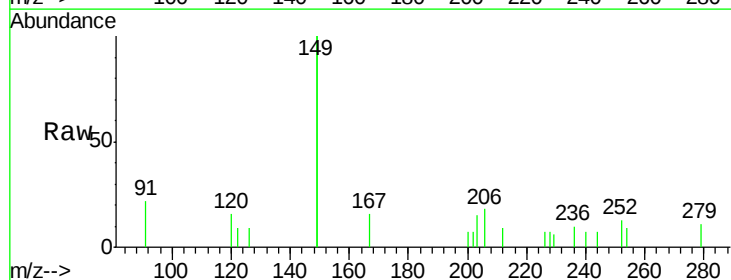
Instrument :
 BNA_E
 ClientSampleId :
 TT-101D1-20180928DL

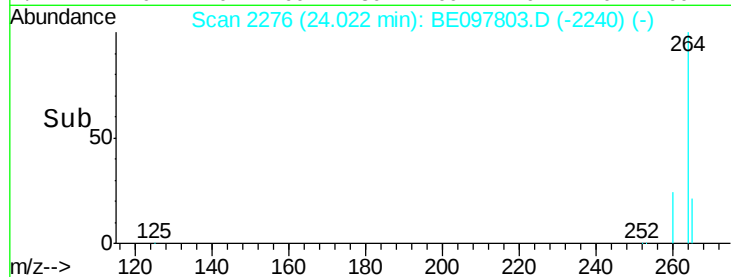
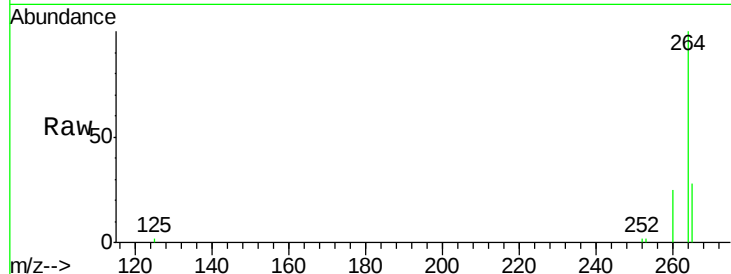
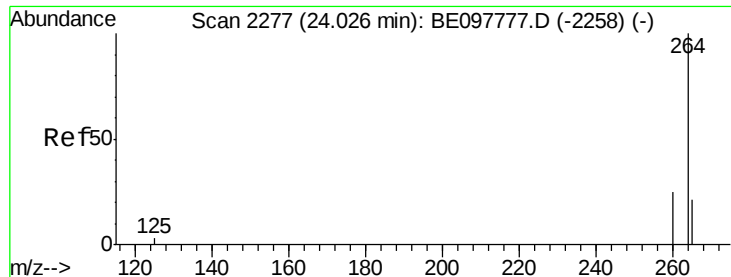
Tgt Ion: 244 Resp: 7324
 Ion Ratio Lower Upper
 244 100
 212 34.9 25.8 38.8
 122 9.8 8.7 13.1



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.020 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097803.D
 Acq: 8 Oct 2018 21:10

Tgt Ion: 149 Resp: 1164
 Ion Ratio Lower Upper
 149 100
 167 9.0 5.5 8.3#
 279 2.0 0.9 1.3#





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE097803.D

Acq: 8 Oct 2018 21:10

Instrument :

BNA_E

ClientSampleId :

TT-101D1-20180928DL

Tgt Ion: 264 Resp: 27017

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 27.7 21.9 32.9

