

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
 Data File : BE097738.D
 Acq On : 4 Oct 2018 22:56
 Operator : SJ/JU
 Sample : J5189-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT-101D-20180928

Quant Time: Oct 05 06:52:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

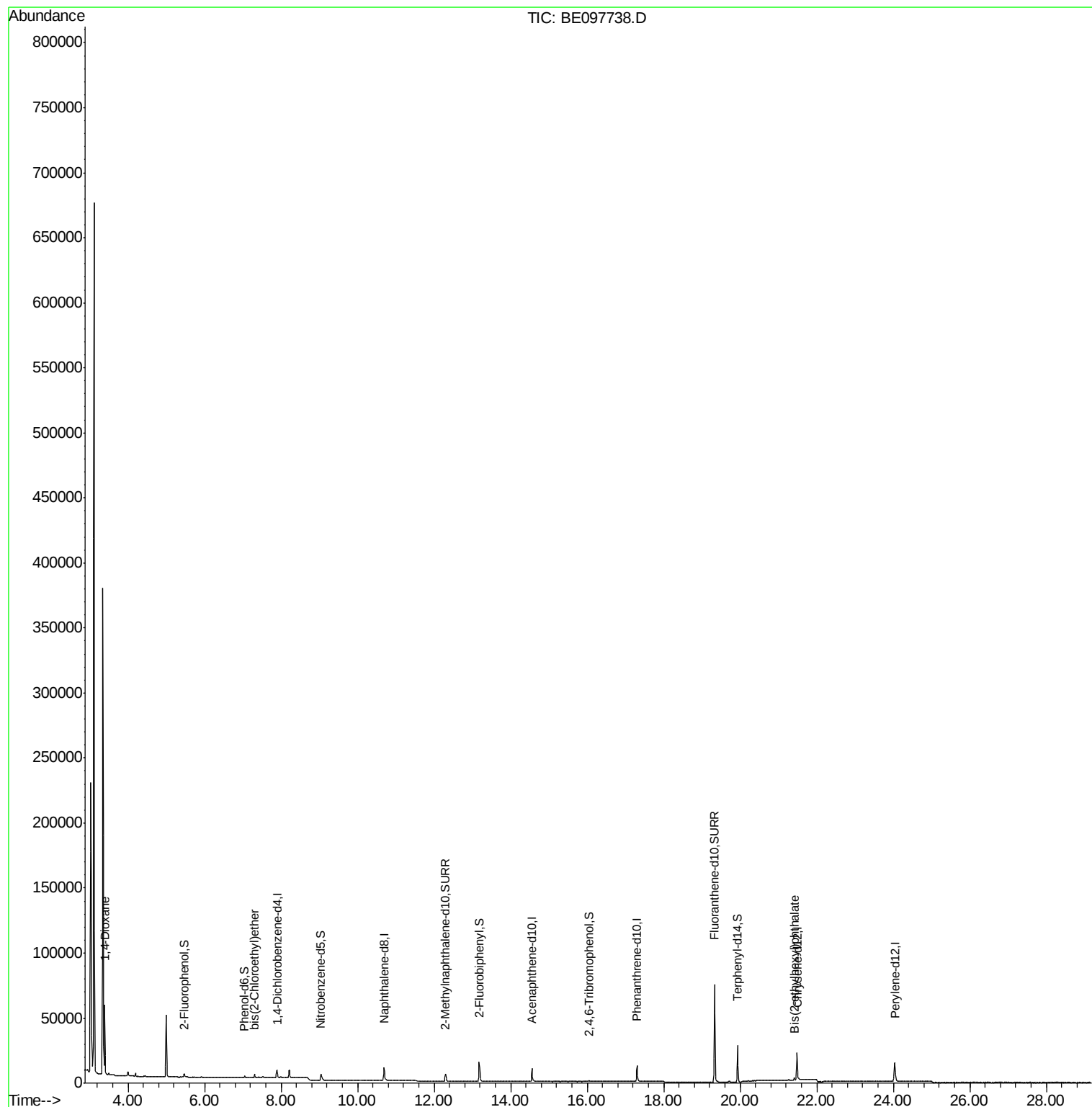
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3165	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12210	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6545	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	18733	0.40	ng	0.00
27) Chrysene-d12	21.49	240	24466	0.40	ng	0.00
34) Perylene-d12	24.04	264	22715	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1515	0.20	ng	0.00
5) Phenol-d6	7.04	99	1124	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	2754	0.69	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	7697	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	567	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	16907	0.59	ng	-0.01
25) Fluoranthene-d10	19.33	212	107092	0.45	ng	0.00
29) Terphenyl-d14	19.93	244	24156	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	28553	4.528	ng	96
6) bis(2-Chloroethyl)ether	7.31	93	959	0.081	ng	92
32) Bis(2-ethylhexyl)phthalate	21.41	149	2403	0.050	ng	# 97

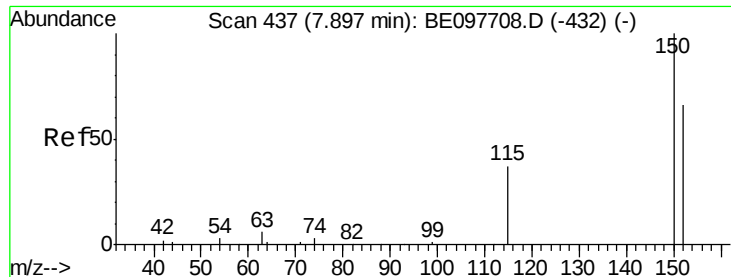
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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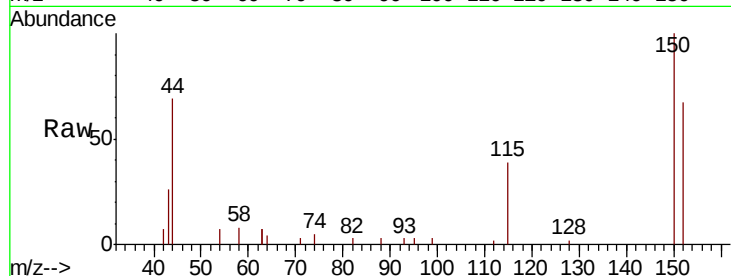


#1

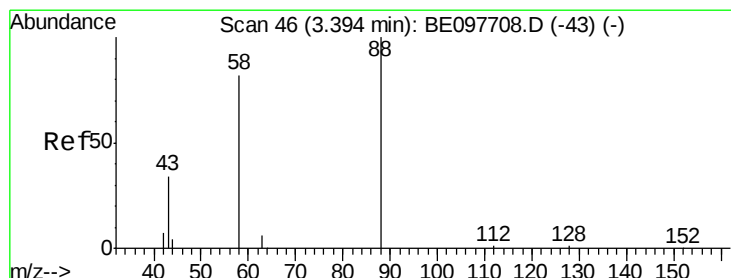
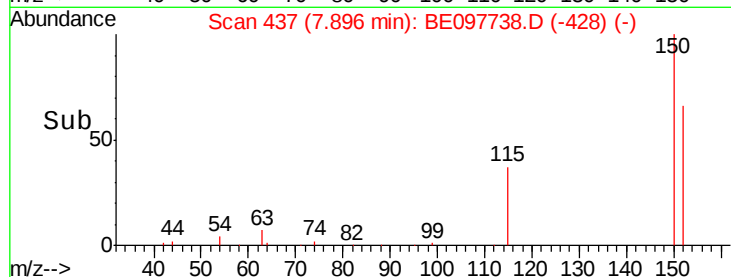
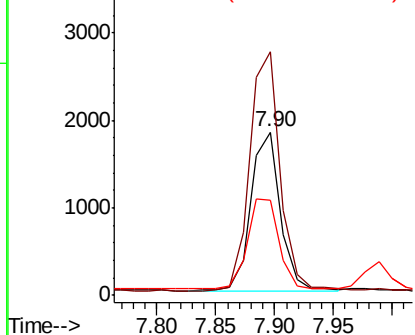
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Instrument :
BNA_E
ClientSampleId :
TT-101D-20180928

Tgt Ion:152 Resp: 3165
Ion Ratio Lower Upper
152 100
150 149.3 120.9 181.3
115 58.7 46.6 69.8



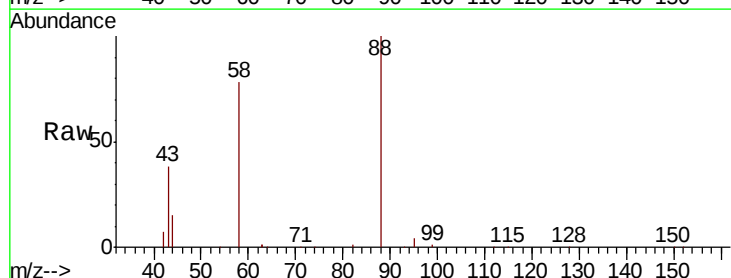
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



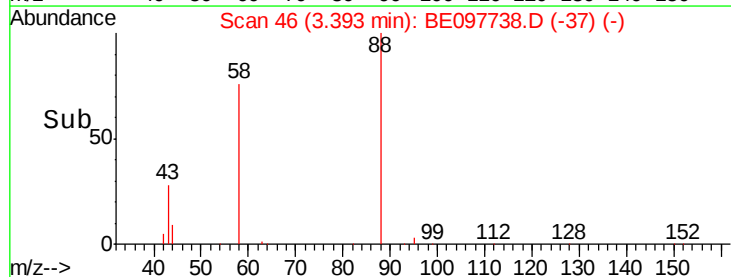
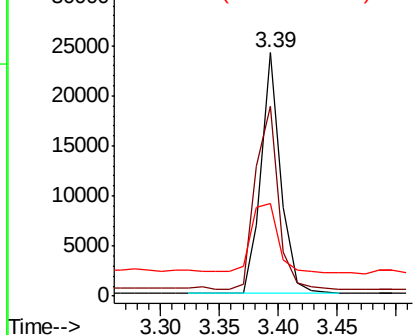
#2

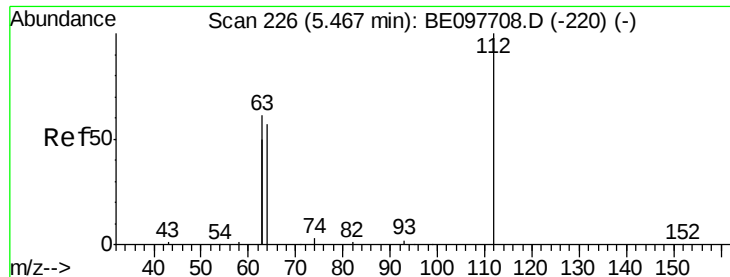
1,4-Dioxane
Concen: 4.528 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097738.D
Acq: 4 Oct 2018 22:56

Tgt Ion: 88 Resp: 28553
Ion Ratio Lower Upper
88 100
58 85.8 70.8 106.2
43 38.1 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: 0.202 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097738.D

Acq: 4 Oct 2018 22:56

Instrument :

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ClientSampleId :

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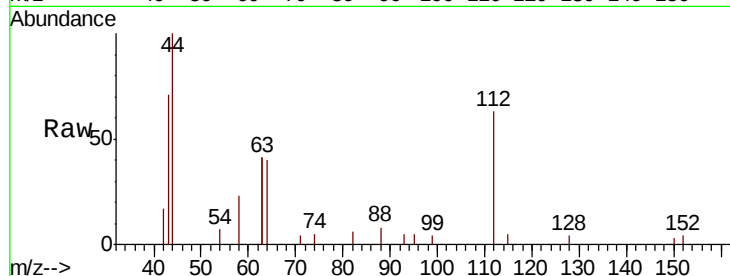
Tgt Ion: 112 Resp: 1515

Ion Ratio Lower Upper

112 100

64 66.2 56.6 84.8

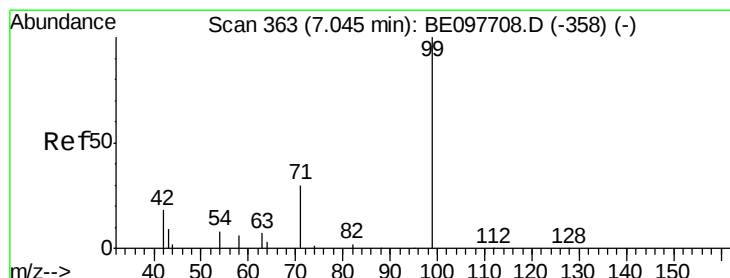
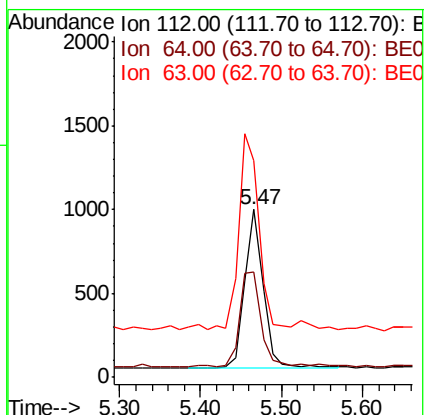
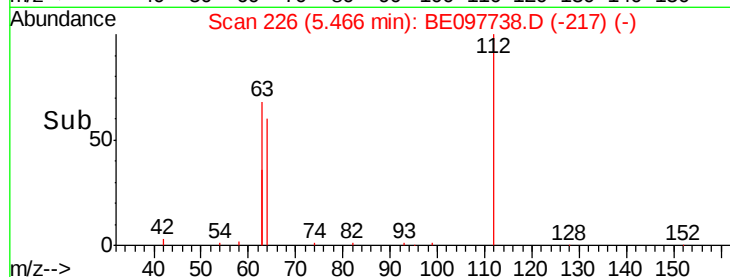
63 128.9 119.4 179.0



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: 0.098 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097738.D

Acq: 4 Oct 2018 22:56

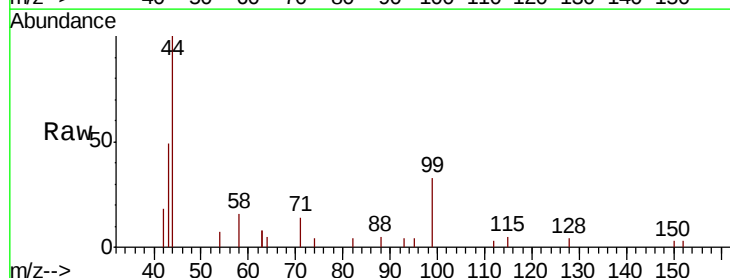
Tgt Ion: 99 Resp: 1124

Ion Ratio Lower Upper

99 100

42 26.1 19.9 29.9

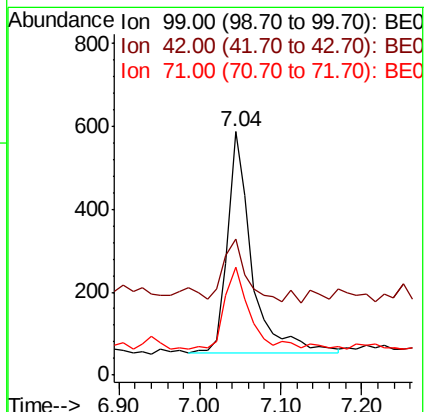
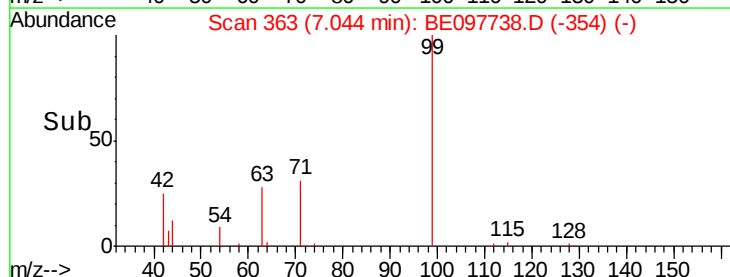
71 37.3 25.4 38.2

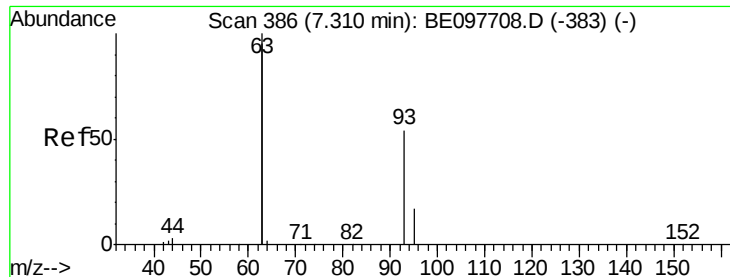


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.081 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097738.D

Acq: 4 Oct 2018 22:56

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TT-101D-20180928

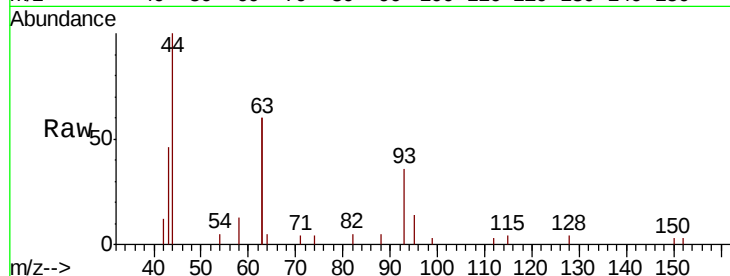
Tgt Ion: 93 Resp: 959

Ion Ratio Lower Upper

93 100

63 316.5 266.9 400.3

95 34.4 26.2 39.2

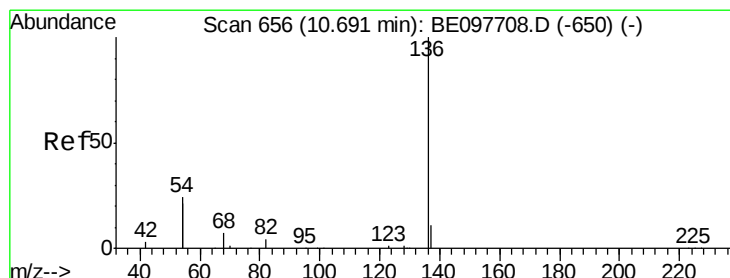
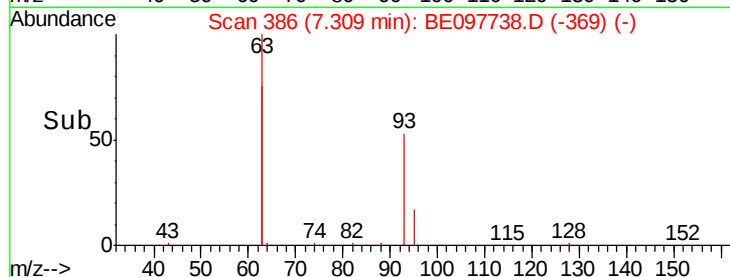
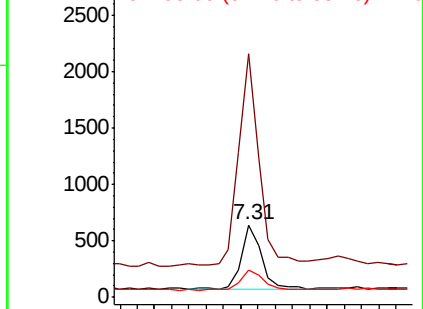


Abundance

Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097738.D

Acq: 4 Oct 2018 22:56

Tgt Ion: 136 Resp: 12210

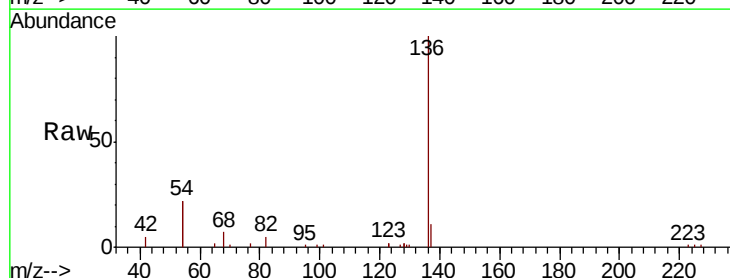
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 44.1 37.8 56.6

68 7.3 6.4 9.6



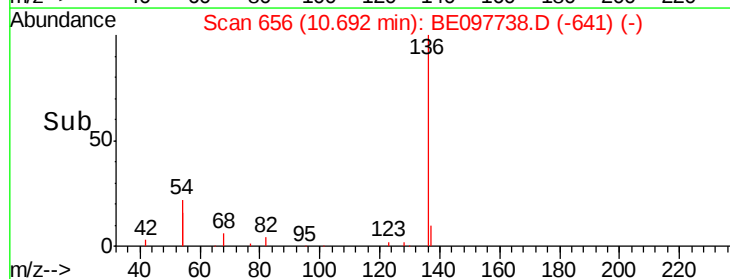
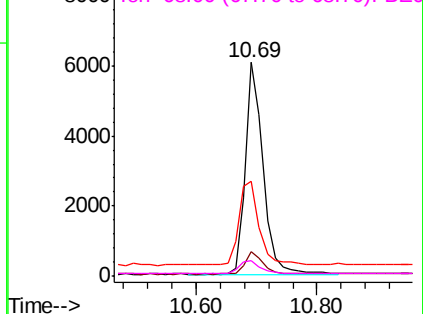
Abundance

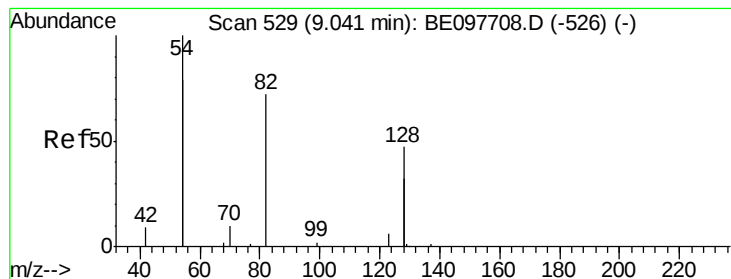
Ion 136.00 (135.70 to 136.70): E

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: 0.695 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097738.D

Acq: 4 Oct 2018 22:56

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TT-101D-20180928

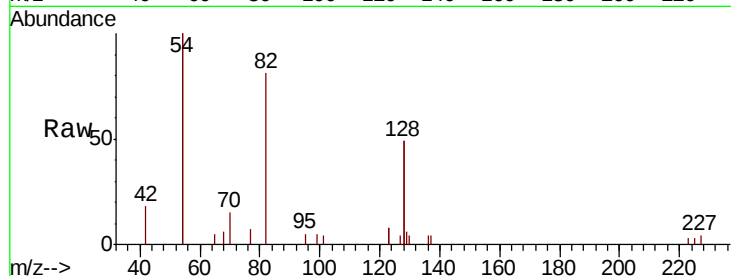
Tgt Ion: 82 Resp: 2754

Ion Ratio Lower Upper

82 100

128 122.9 97.0 145.4

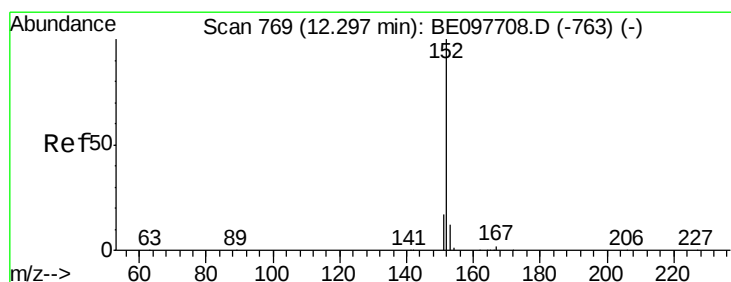
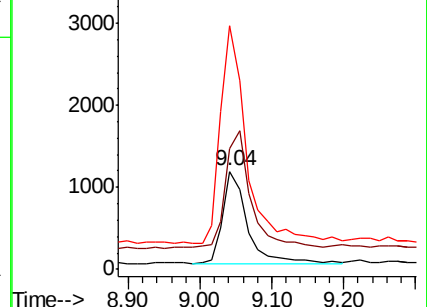
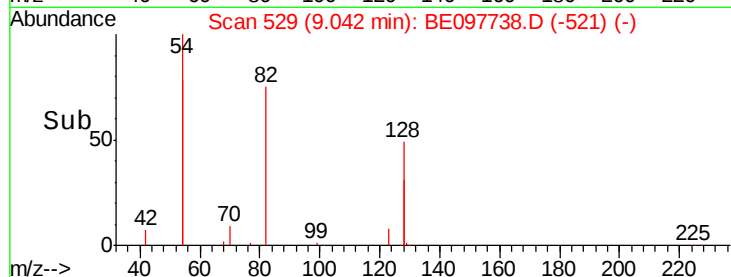
54 248.3 206.9 310.3



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



#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097738.D

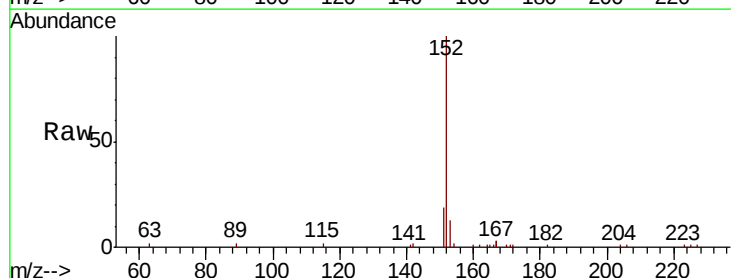
Acq: 4 Oct 2018 22:56

Tgt Ion: 152 Resp: 7697

Ion Ratio Lower Upper

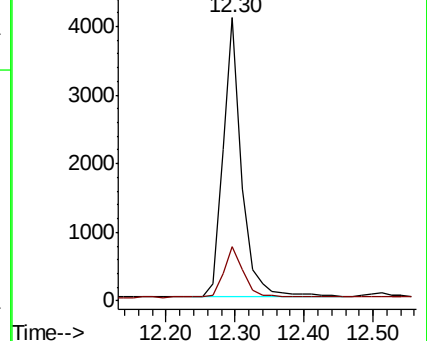
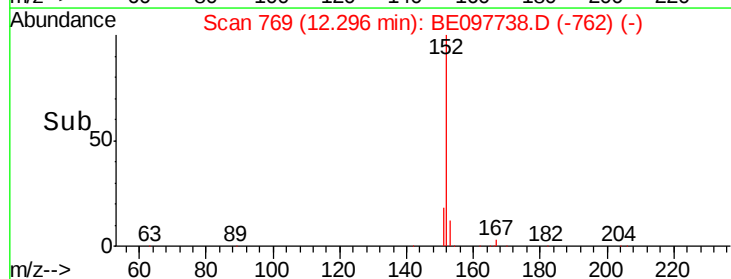
152 100

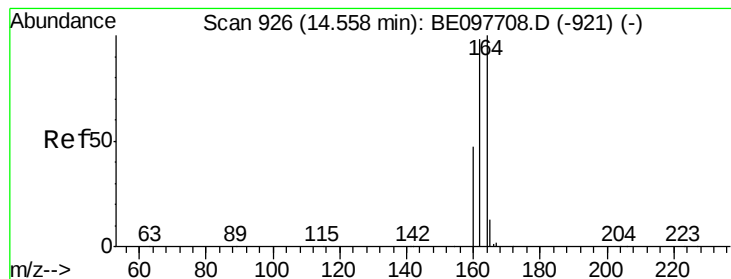
151 19.6 15.4 23.2



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: BE097738.D

Acq: 4 Oct 2018 22:56

Instrument :

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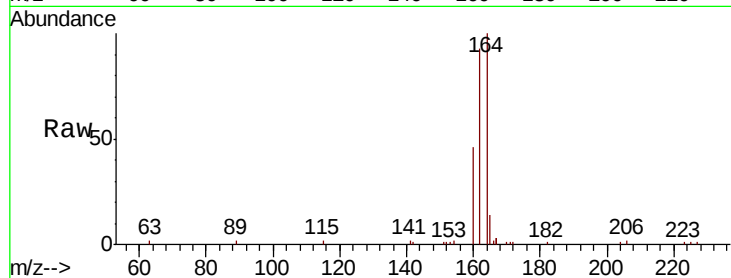
Tgt Ion:164 Resp: 6545

Ion Ratio Lower Upper

164 100

162 93.4 78.6 117.8

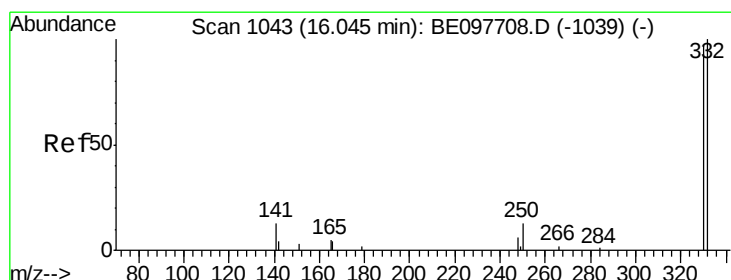
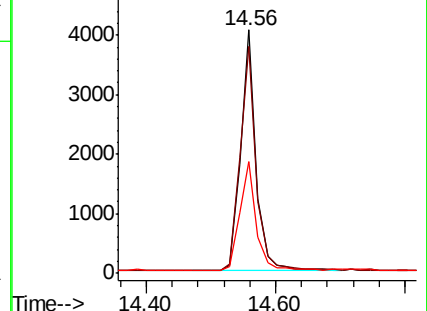
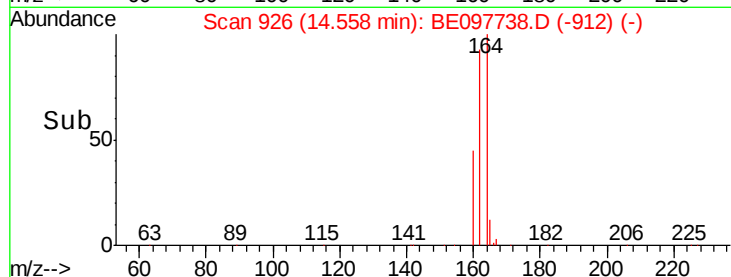
160 45.9 37.8 56.6



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: 0.478 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097738.D

Acq: 4 Oct 2018 22:56

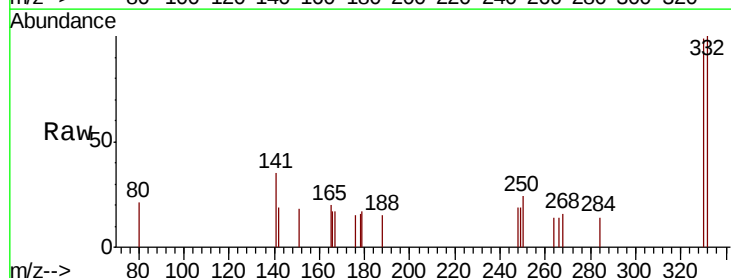
Tgt Ion:330 Resp: 567

Ion Ratio Lower Upper

330 100

332 99.8 83.5 125.3

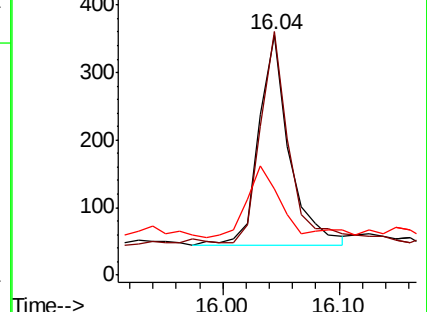
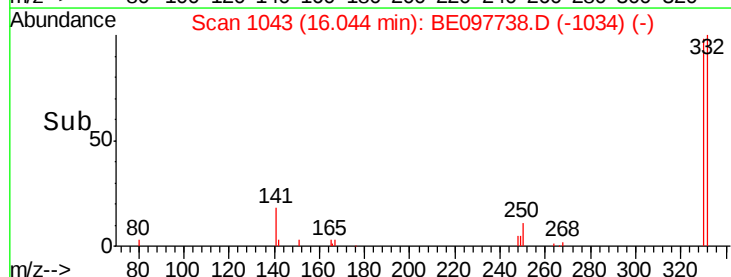
141 36.3 34.9 52.3

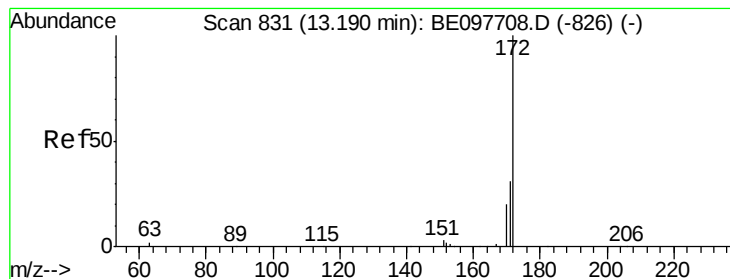


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.587 ng

RT: 13.18 min Scan# 830

Delta R.T. -0.01 min

Lab File: BE097738.D

Acq: 4 Oct 2018 22:56

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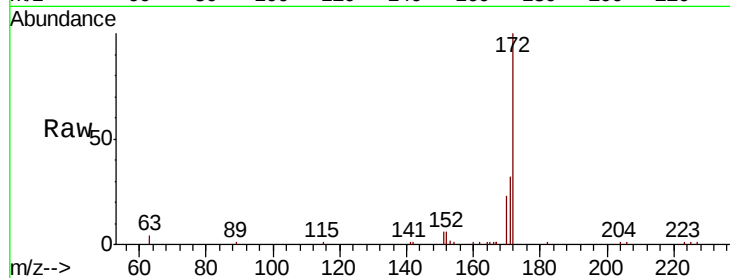
Tgt Ion:172 Resp: 16907

Ion Ratio Lower Upper

172 100

171 32.0 25.2 37.8

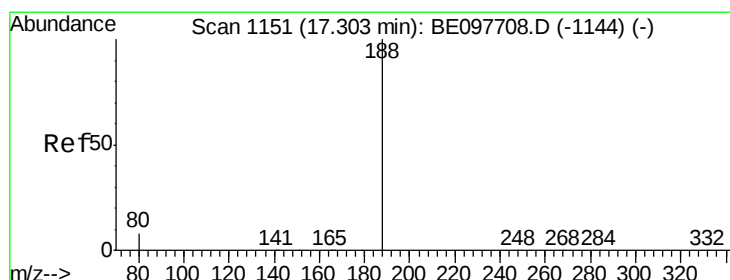
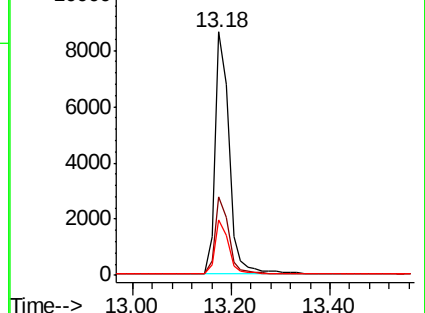
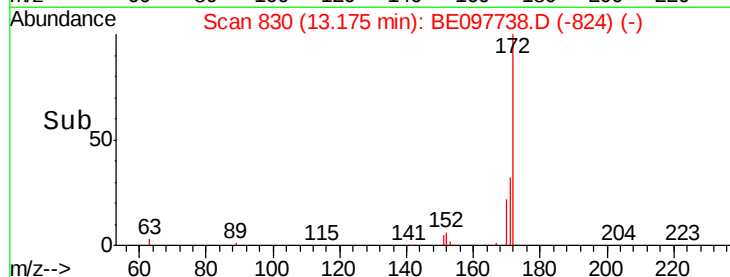
170 22.8 16.2 24.2



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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097738.D

Acq: 4 Oct 2018 22:56

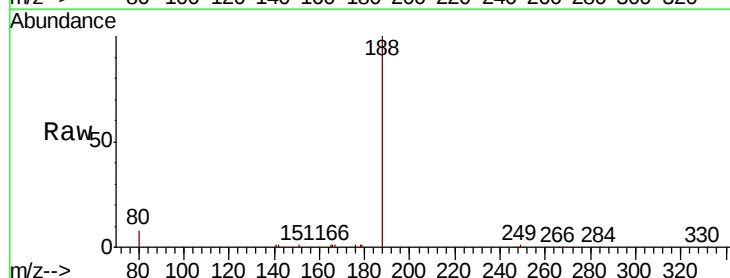
Tgt Ion:188 Resp: 18733

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

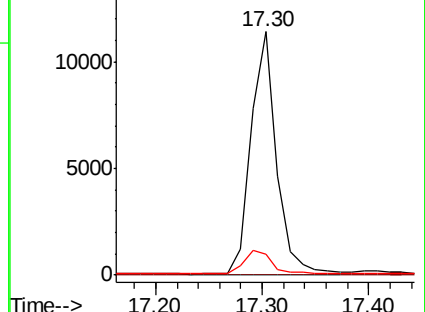
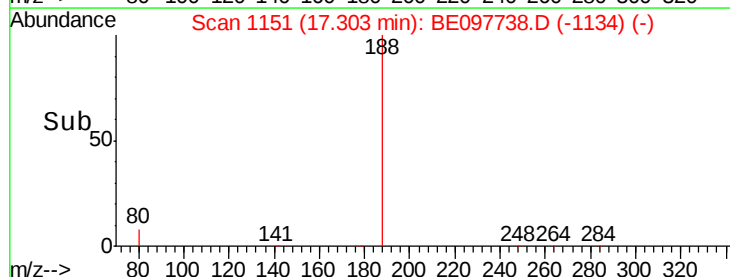
80 8.5 6.6 9.8

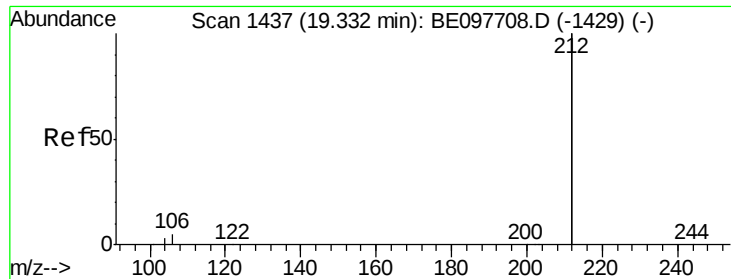


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

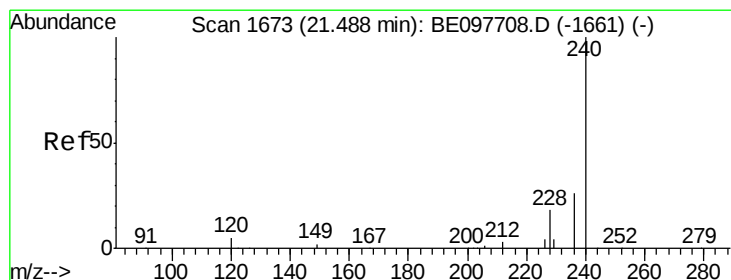
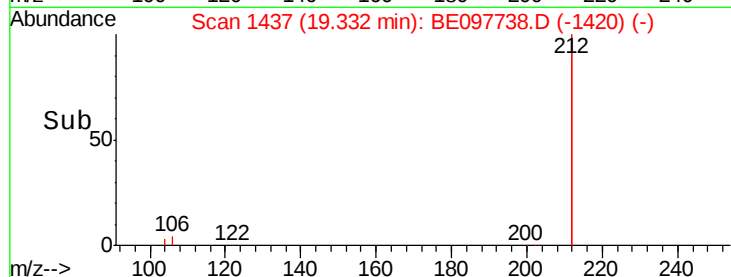
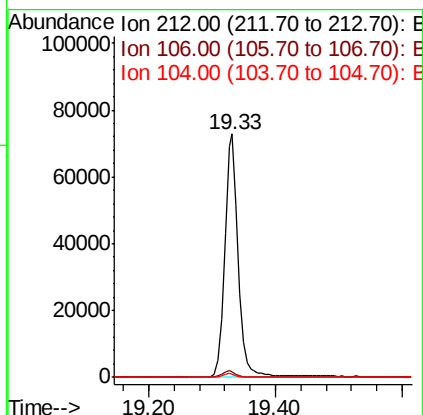
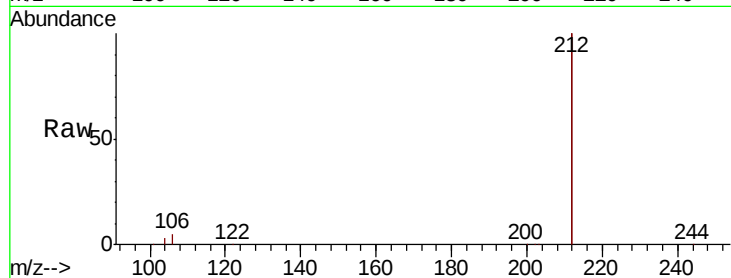




#25
 Fluoranthene-d10
 Concen: 0.452 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BE097738.D
 Acq: 4 Oct 2018 22:56

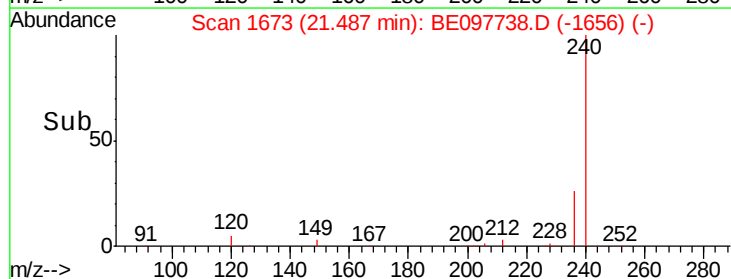
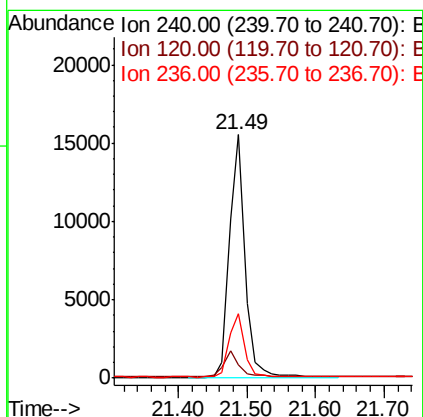
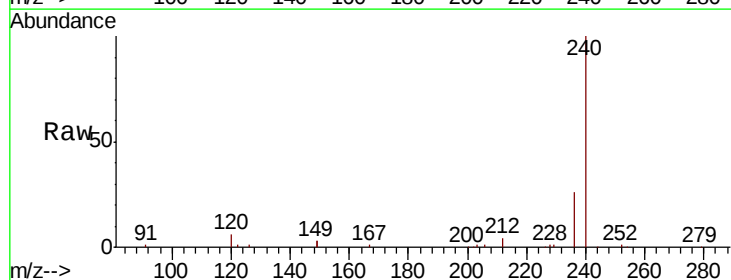
Instrument :
 BNA_E
 ClientSampleId :
 TT-101D-20180928

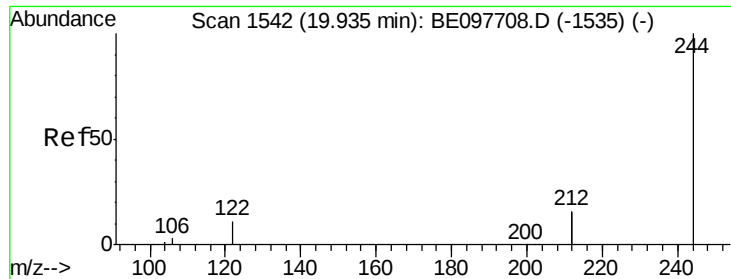
Tgt Ion: 212 Resp: 107092
 Ion Ratio Lower Upper
 212 100
 106 2.5 2.2 3.2
 104 1.5 1.2 1.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BE097738.D
 Acq: 4 Oct 2018 22:56

Tgt Ion: 240 Resp: 24466
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.7 7.1
 236 26.4 20.8 31.2

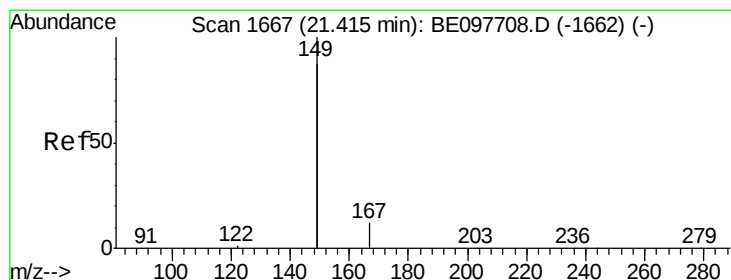
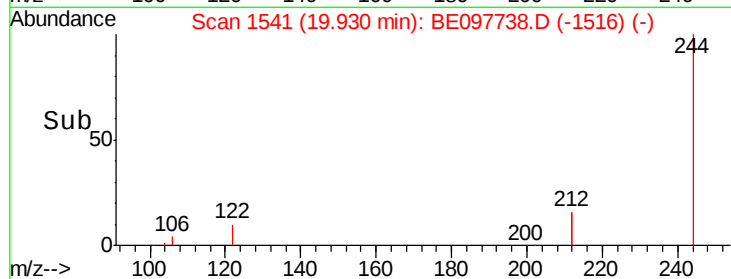
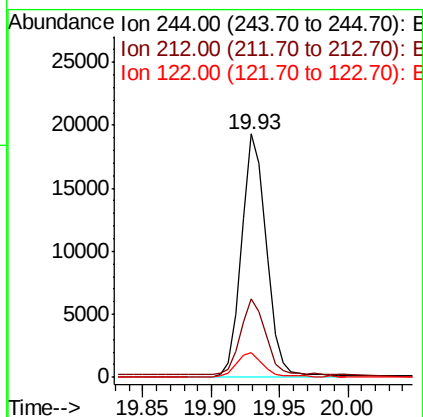
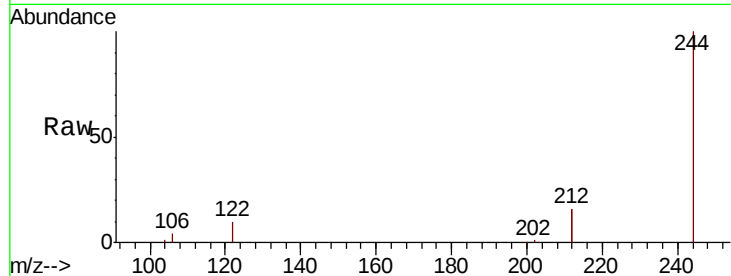




#29
 Terphenyl-d14
 Concen: 0.484 ng
 RT: 19.93 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BE097738.D
 Acq: 4 Oct 2018 22:56

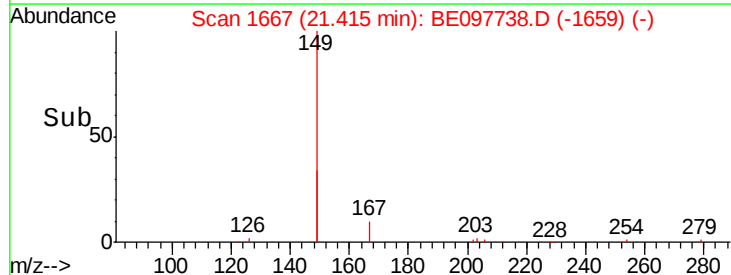
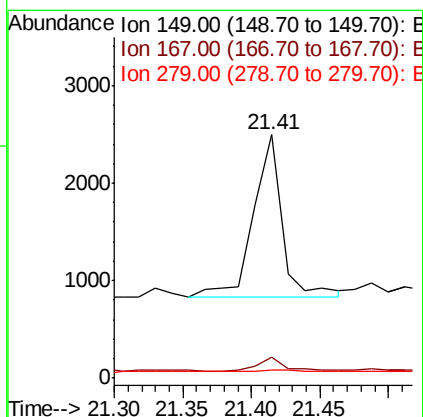
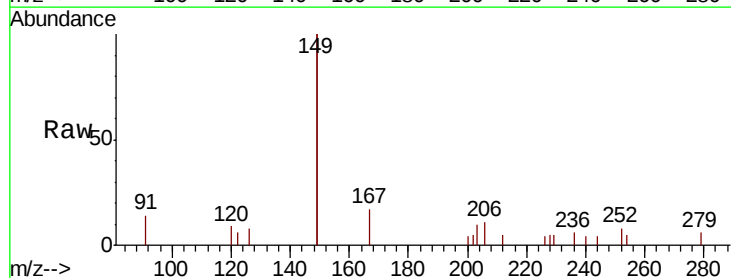
Instrument :
 BNA_E
 ClientSampleId :
 TT-101D-20180928

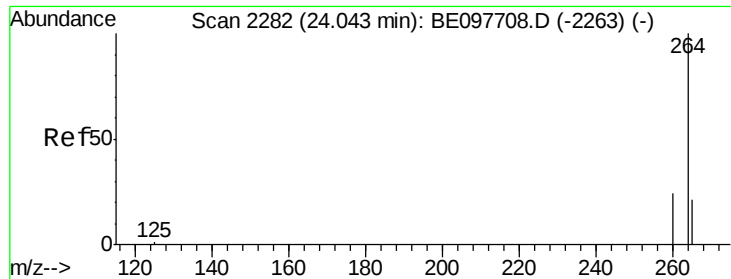
Tgt Ion: 244 Resp: 24156
 Ion Ratio Lower Upper
 244 100
 212 32.1 25.8 38.8
 122 10.3 8.7 13.1



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.41 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BE097738.D
 Acq: 4 Oct 2018 22:56

Tgt Ion: 149 Resp: 2403
 Ion Ratio Lower Upper
 149 100
 167 8.0 5.5 8.3
 279 1.9 0.9 1.3#





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE097738.D

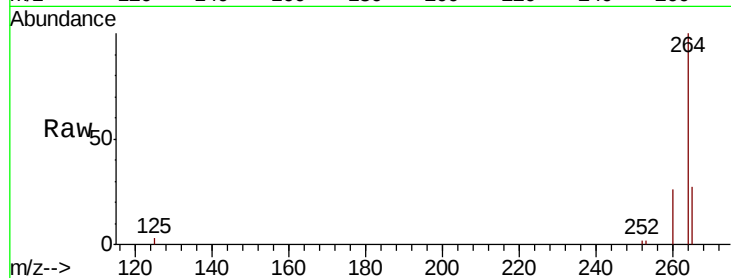
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Instrument :

BNA_E

ClientSampleId :

TT-101D-20180928



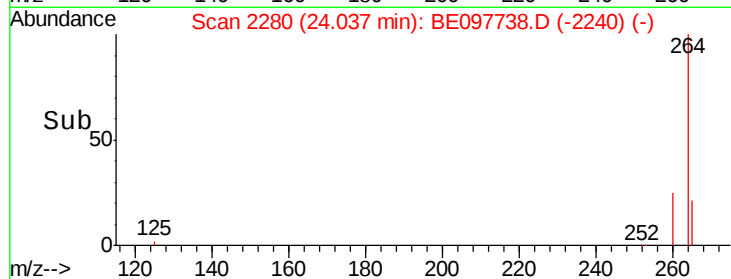
Tgt Ion: 264 Resp: 22715

Ion Ratio Lower Upper

264 100

260 25.8 19.1 28.7

265 27.4 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

