

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097768.D
 Acq On : 5 Oct 2018 23:11
 Operator : SJ/JU
 Sample : J5284-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D2-20181003

Quant Time: Oct 06 04:21:01 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

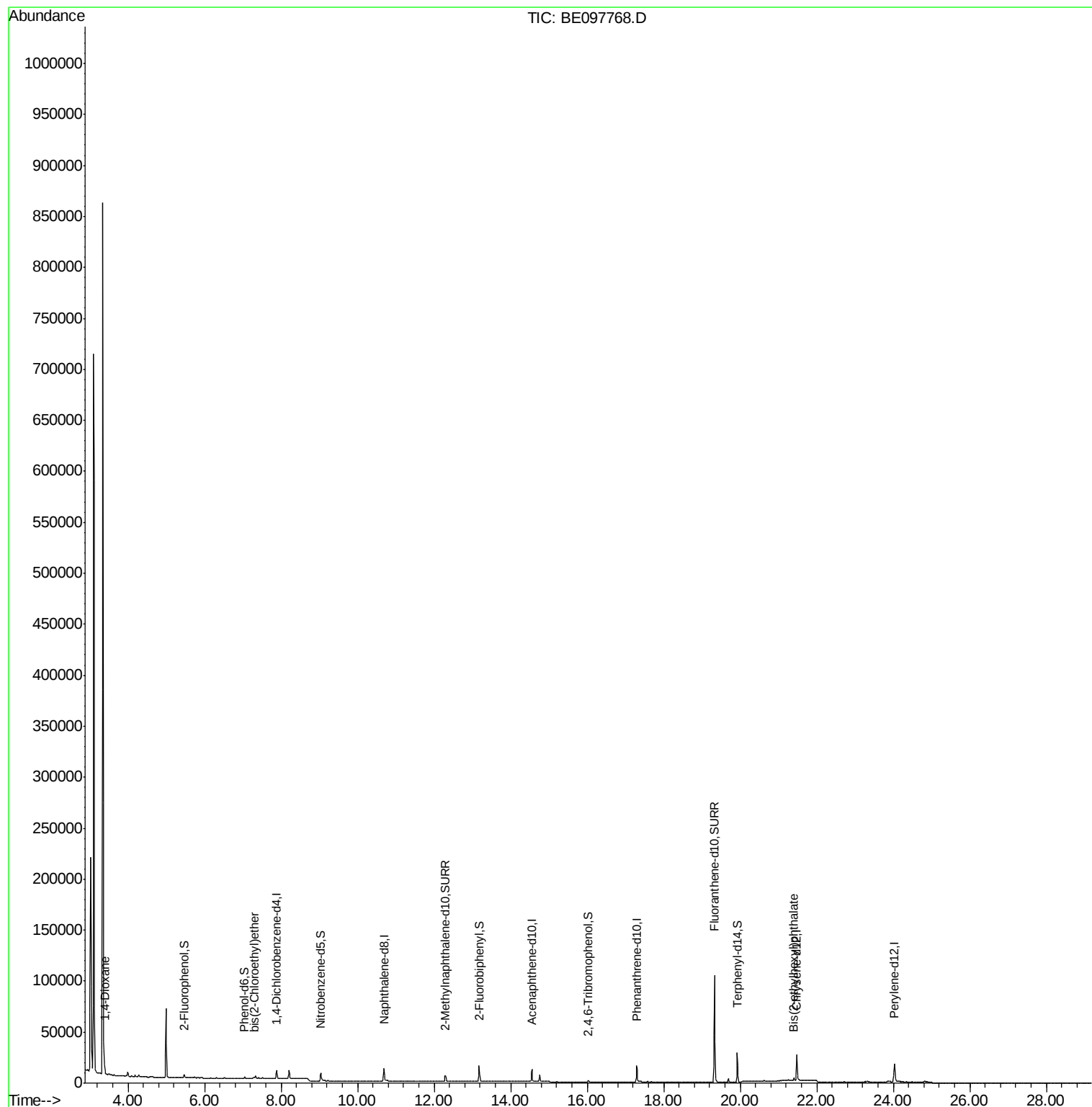
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3731	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	14972	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8122	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	23312	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	30595	0.40	ng	-0.01
34) Perylene-d12	24.03	264	28787	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1739	0.20	ng	0.00
5) Phenol-d6	7.05	99	1372	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	3930	0.81	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9685	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	816	0.55	ng	-0.01
15) 2-Fluorobiphenyl	13.18	172	15778	0.44	ng	-0.01
25) Fluoranthene-d10	19.33	212	136290	0.46	ng	0.00
29) Terphenyl-d14	19.92	244	25788	0.41	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	4560	0.613	ng	# 93
6) bis(2-Chloroethyl)ether	7.31	93	454	0.032	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.40	149	3717	0.062	ng	# 98

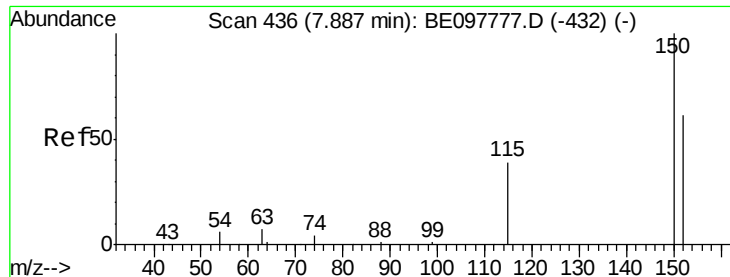
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 12:17:19 2018
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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: BE097768.D

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BNA_E

ClientSampleId :

RE-103D2-20181003

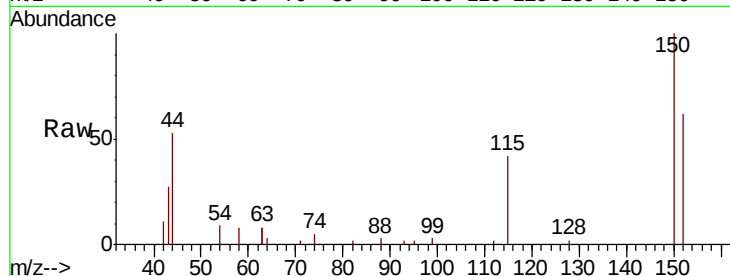
Tot Ion:152 Resp: 3731

Ion Ratio Lower Upper

152 100

150 162.4 120.9 181.3

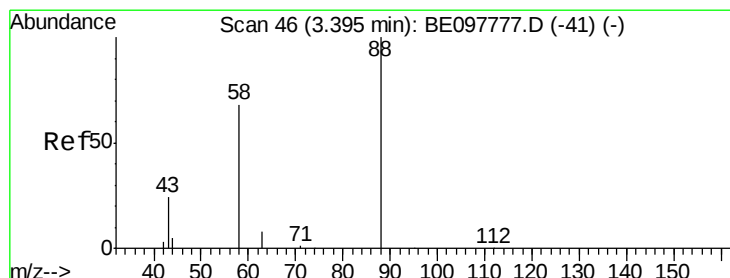
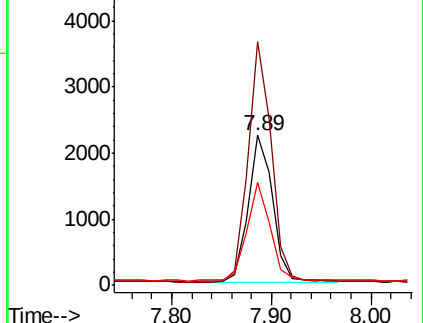
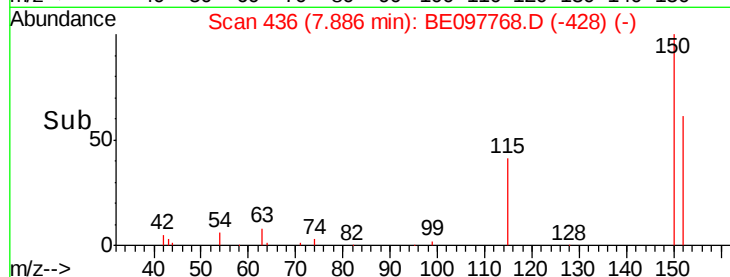
115 68.2 46.6 69.8



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: 0.613 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

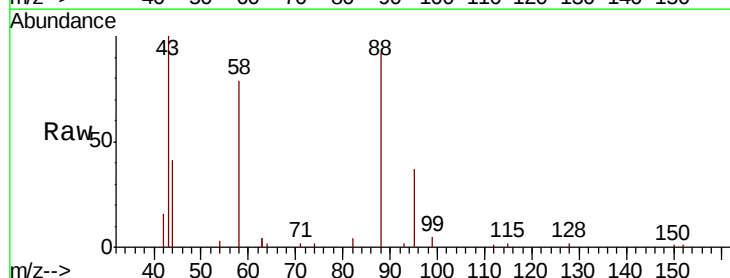
Tgt Ion: 88 Resp: 4560

Ion Ratio Lower Upper

88 100

58 86.3 70.8 106.2

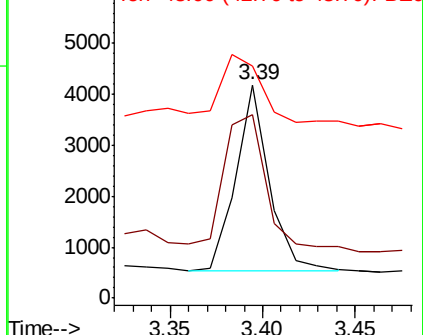
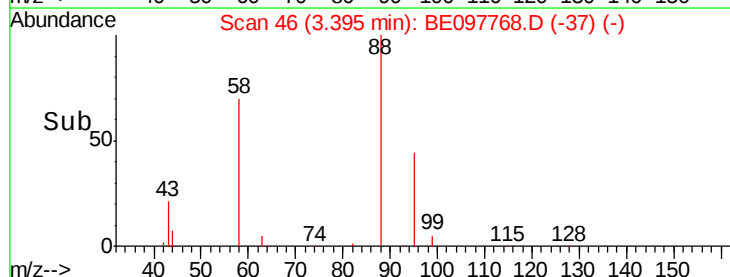
43 51.5 33.3 49.9#

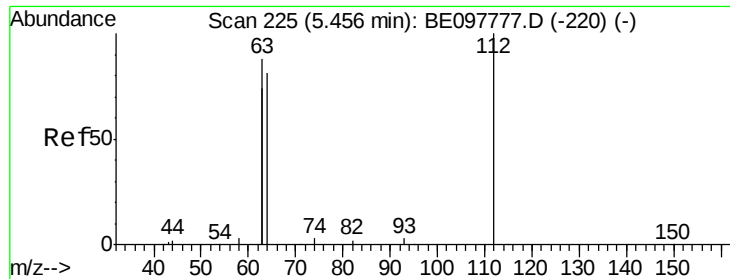


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.197 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181003

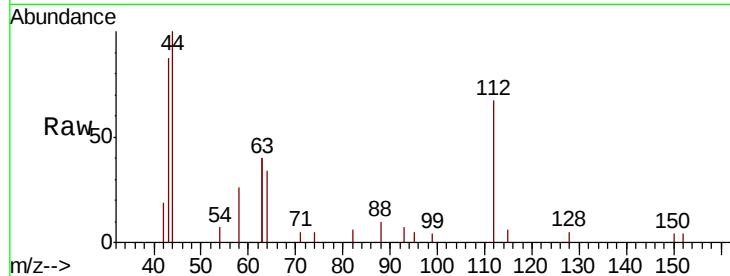
Tot Ion: 112 Resp: 1739

Ion Ratio Lower Upper

112 100

64 75.3 56.6 84.8

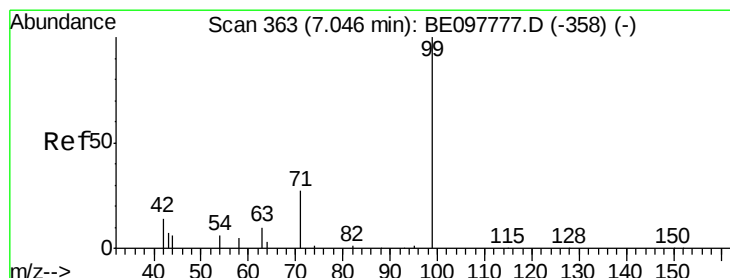
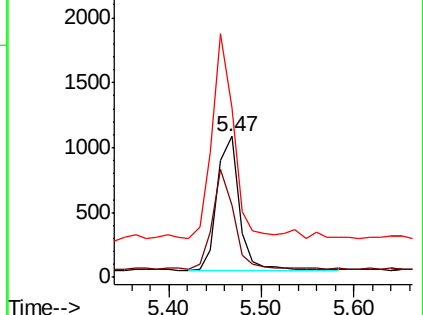
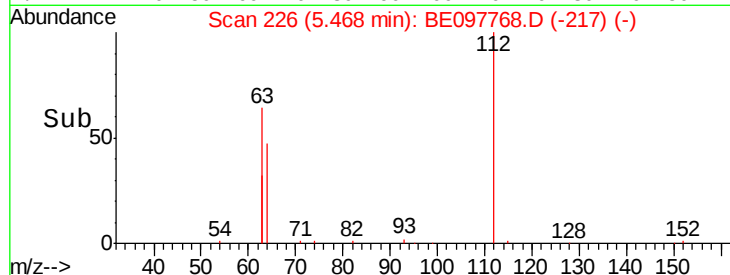
63 144.9 119.4 179.0



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: 0.101 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

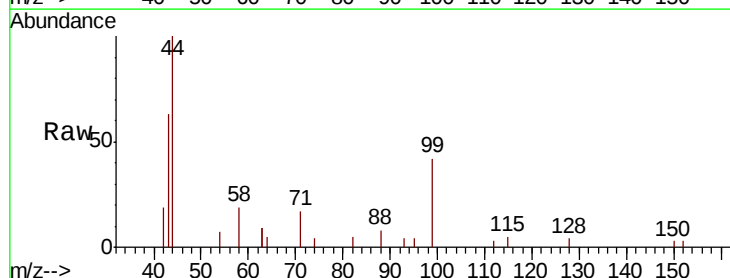
Tgt Ion: 99 Resp: 1372

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

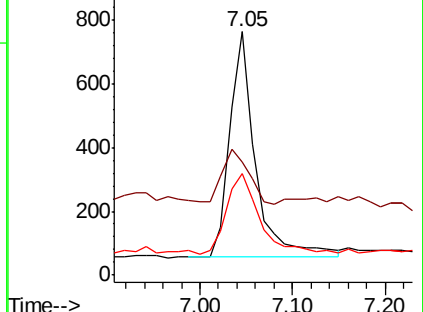
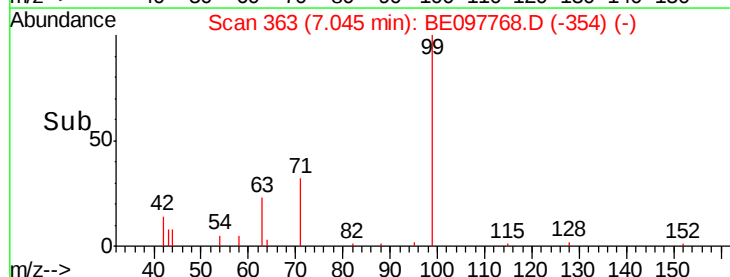
71 46.2 25.4 38.2#

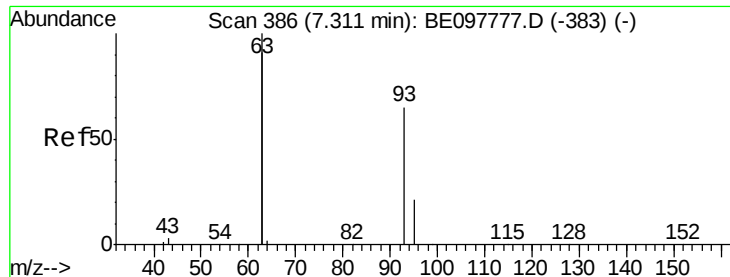


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.032 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181003

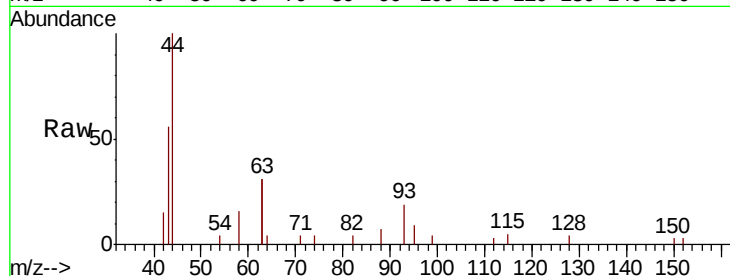
Tot Ion: 93 Resp: 454

Ion Ratio Lower Upper

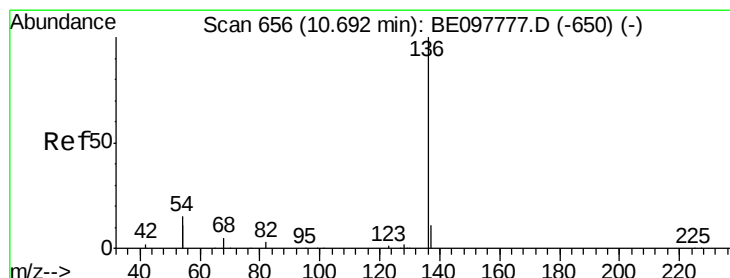
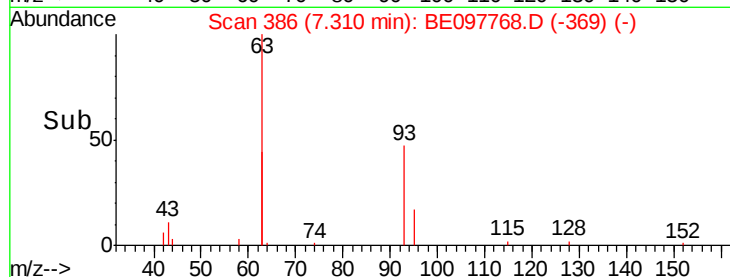
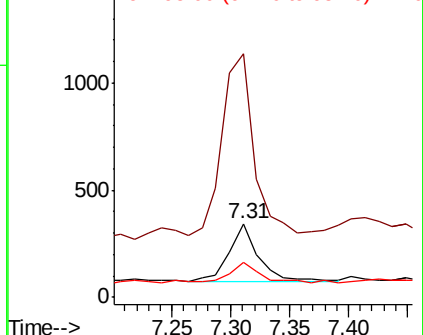
93 100

63 351.5 266.9 400.3

95 43.6 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: BE097768.D

Acq: 5 Oct 2018 23:11

Tgt Ion:136 Resp: 14972

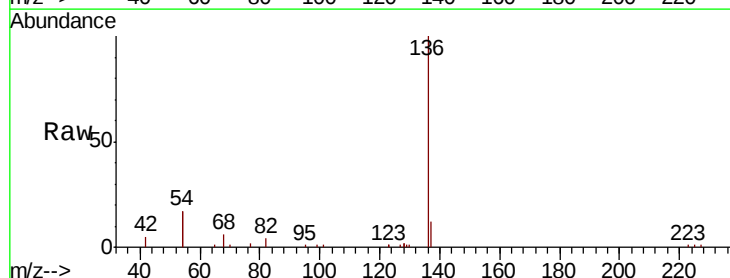
Ion Ratio Lower Upper

136 100

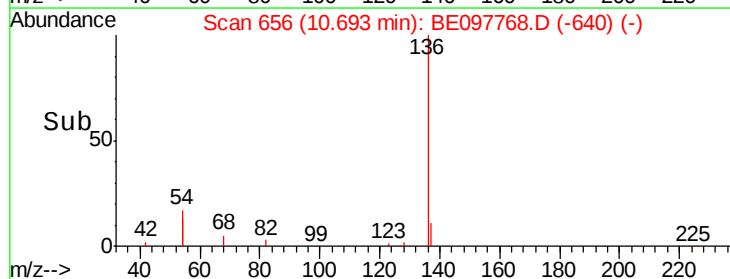
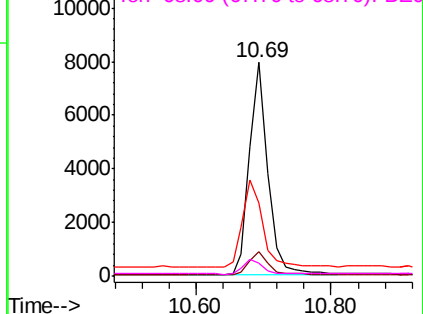
137 11.6 9.0 13.4

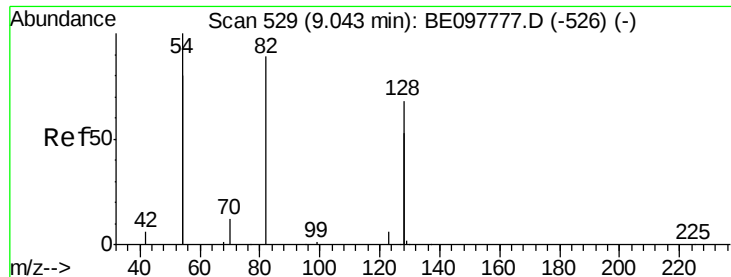
54 34.4 37.8 56.6#

68 6.3 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: 0.809 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181003

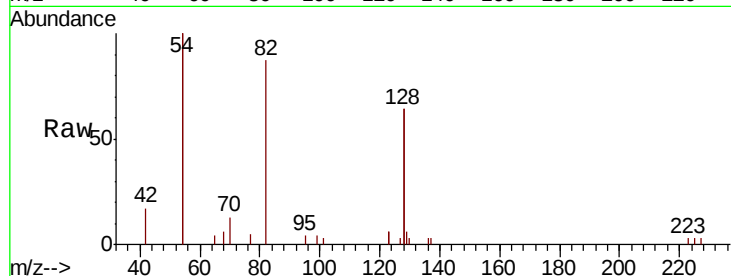
Tot Ion: 82 Resp: 3930

Ion Ratio Lower Upper

82 100

128 147.4 97.0 145.4#

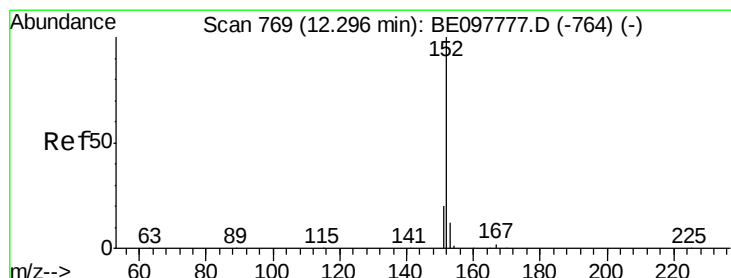
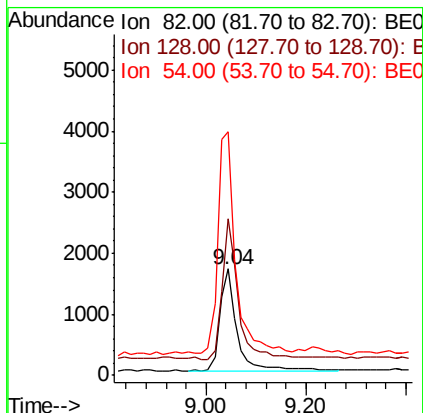
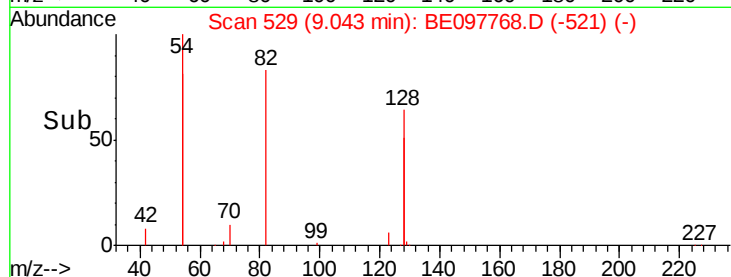
54 228.7 206.9 310.3



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: 0.407 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097768.D

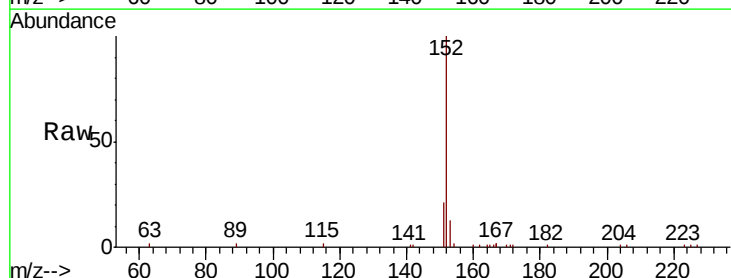
Acq: 5 Oct 2018 23:11

Tgt Ion: 152 Resp: 9685

Ion Ratio Lower Upper

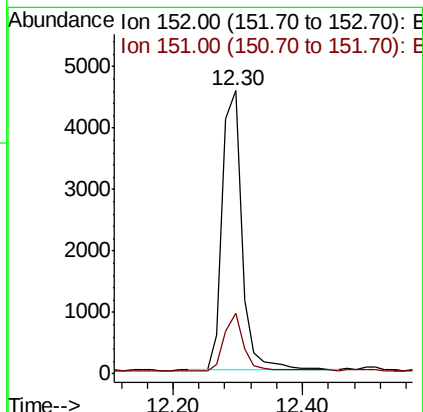
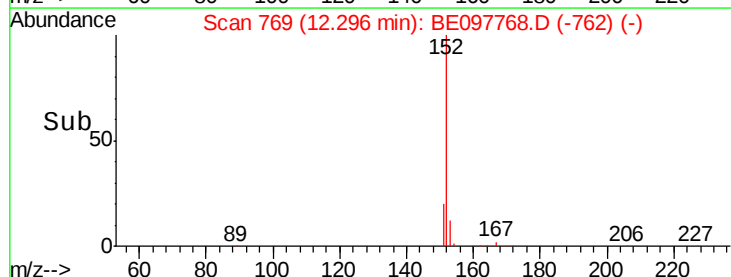
152 100

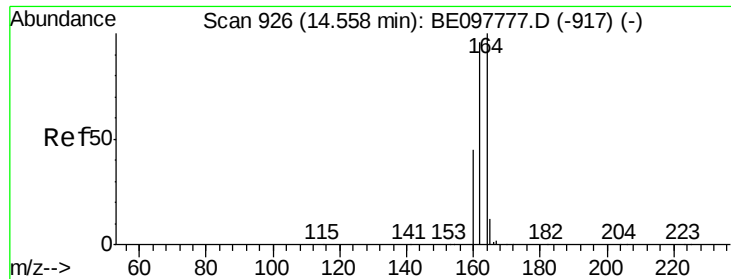
151 19.8 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

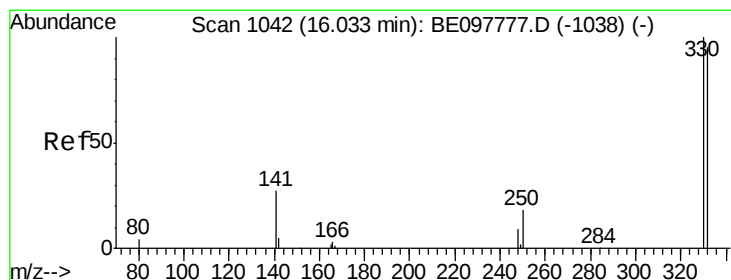
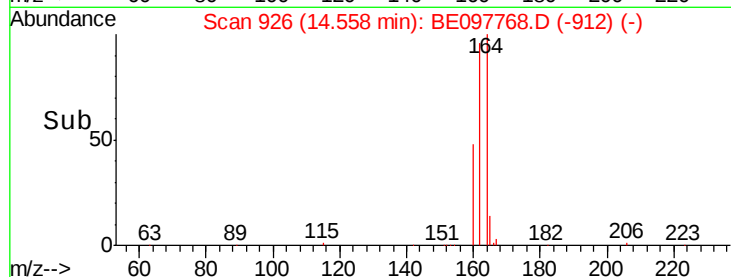
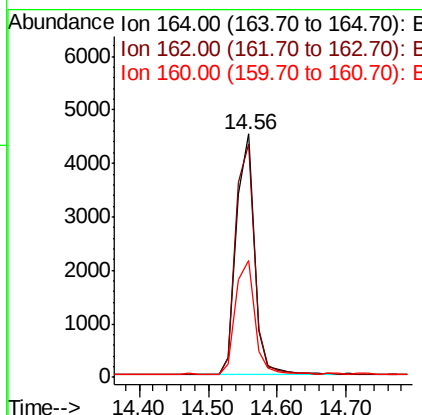
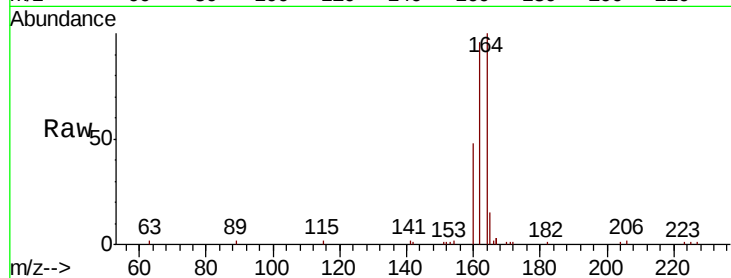




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097768.D
 Acq: 5 Oct 2018 23:11

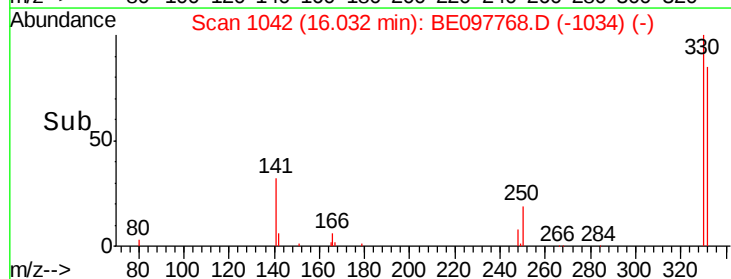
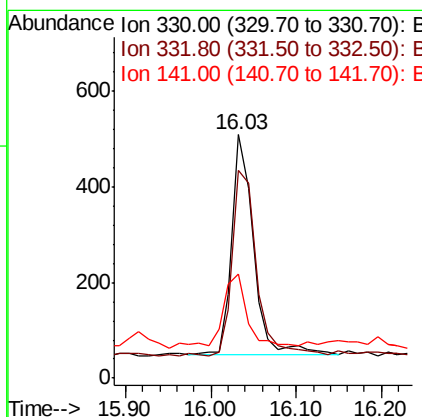
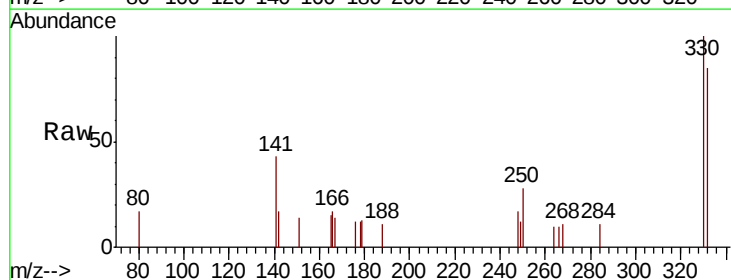
Instrument :
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 ClientSampleId :
 RE-103D2-20181003

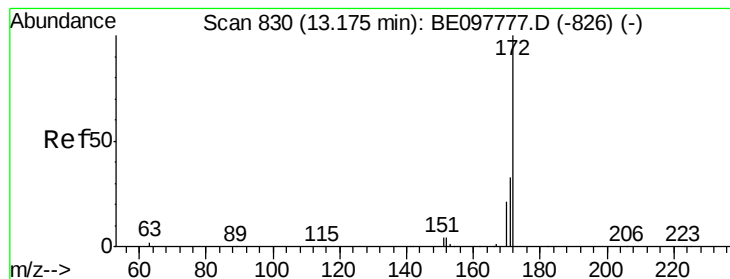
Tot Ion:164 Resp: 8122
 Ion Ratio Lower Upper
 164 100
 162 96.1 78.6 117.8
 160 48.2 37.8 56.6



#14
 2,4,6-Tribromophenol
 Concen: 0.554 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097768.D
 Acq: 5 Oct 2018 23:11

Tgt Ion:330 Resp: 816
 Ion Ratio Lower Upper
 330 100
 332 94.5 83.5 125.3
 141 33.7 34.9 52.3#

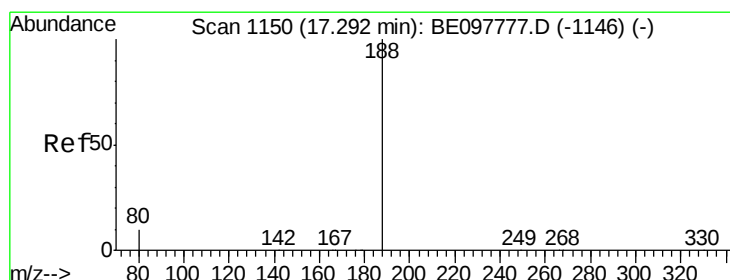
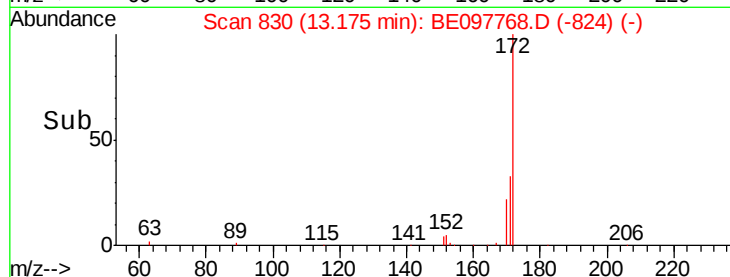
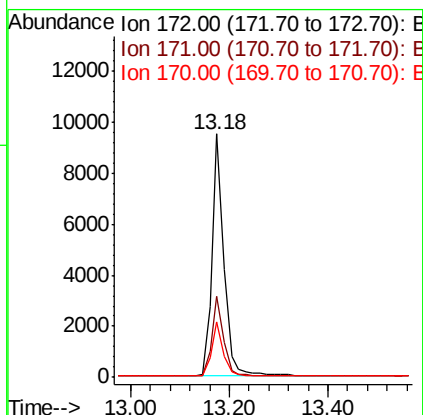
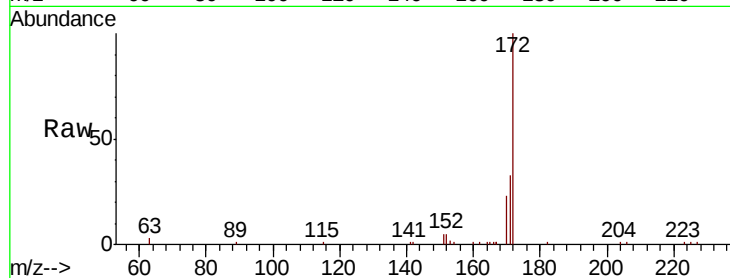




#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.18 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097768.D
Acq: 5 Oct 2018 23:11

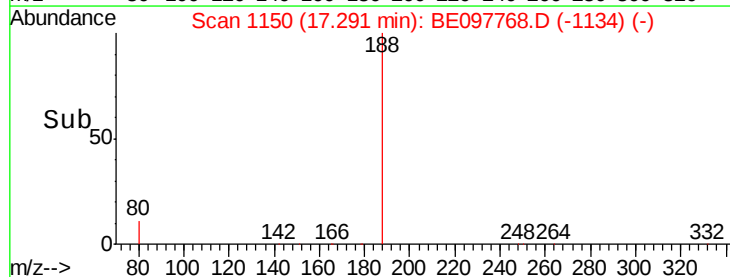
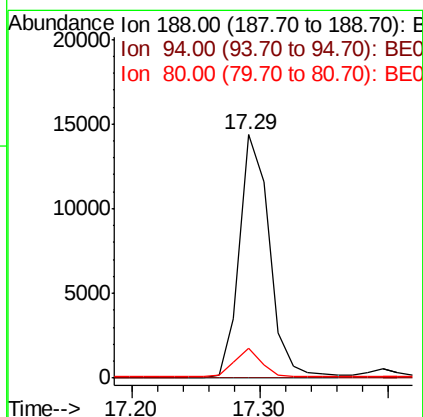
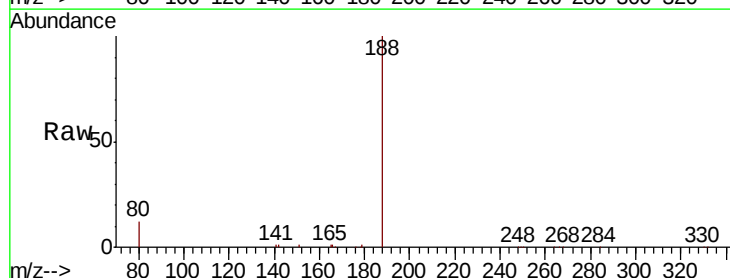
Instrument :
BNA_E
ClientSampleId :
RE-103D2-20181003

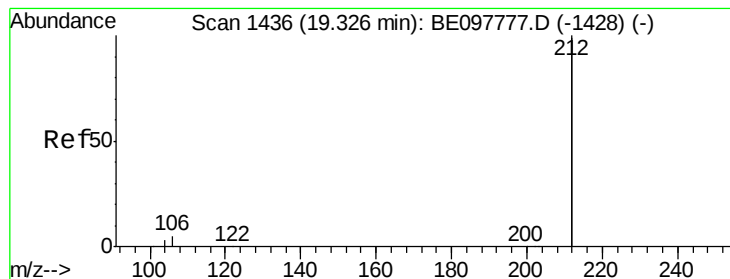
Tot Ion:172 Resp: 15778
Ion Ratio Lower Upper
172 100
171 33.2 25.2 37.8
170 22.6 16.2 24.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097768.D
Acq: 5 Oct 2018 23:11

Tgt Ion:188 Resp: 23312
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 6.6 9.8#





#25

Fluoranthene-d10

Concen: 0.462 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181003

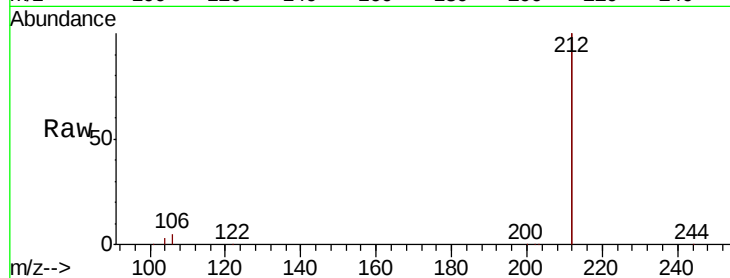
Tot Ion:212 Resp: 136290

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

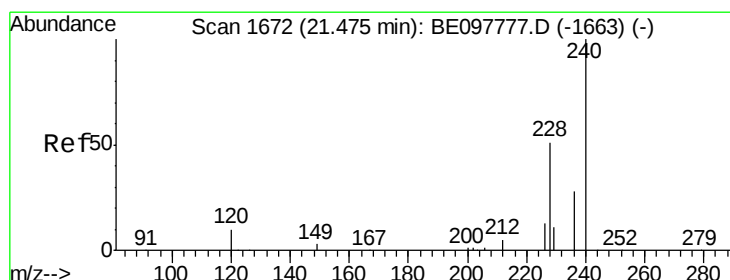
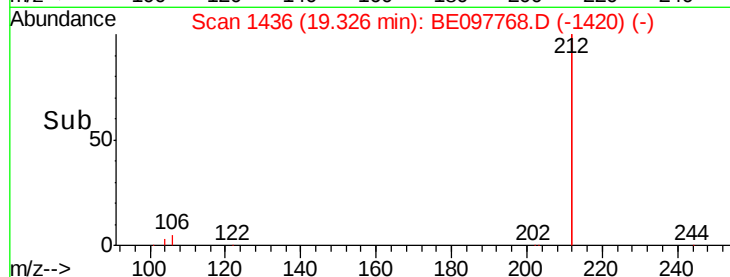
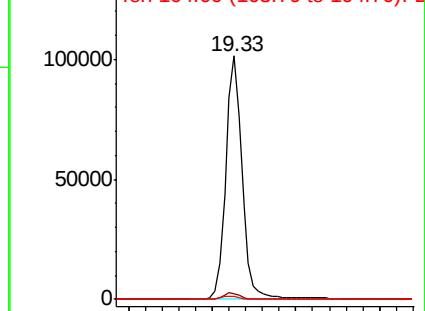
104 1.5 1.2 1.8



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: BE097768.D

Acq: 5 Oct 2018 23:11

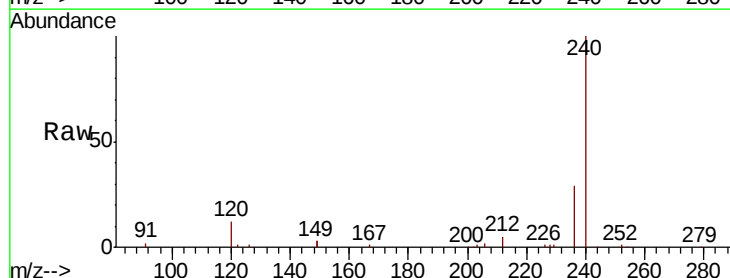
Tgt Ion:240 Resp: 30595

Ion Ratio Lower Upper

240 100

120 11.8 4.7 7.1#

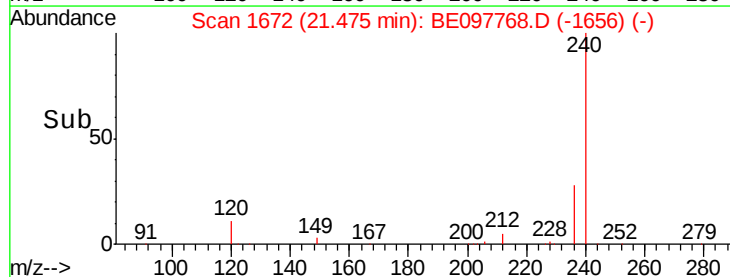
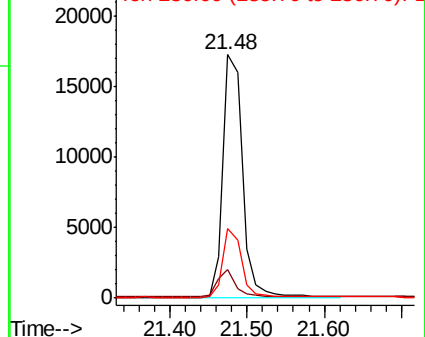
236 28.6 20.8 31.2

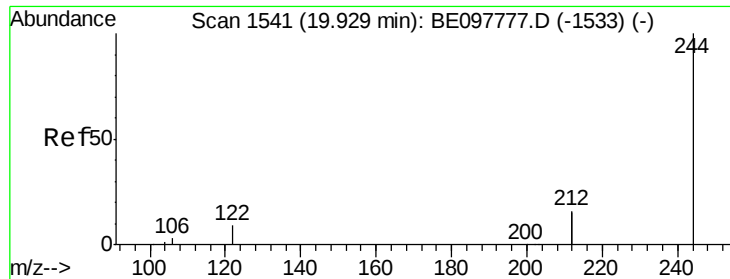


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181003

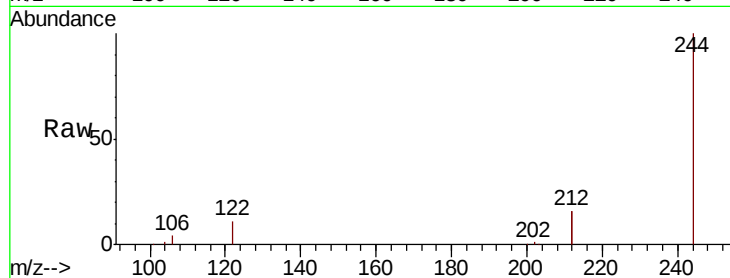
Tot Ion:244 Resp: 25788

Ion Ratio Lower Upper

244 100

212 31.7 25.8 38.8

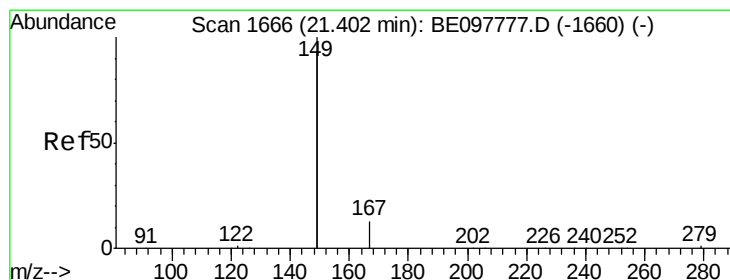
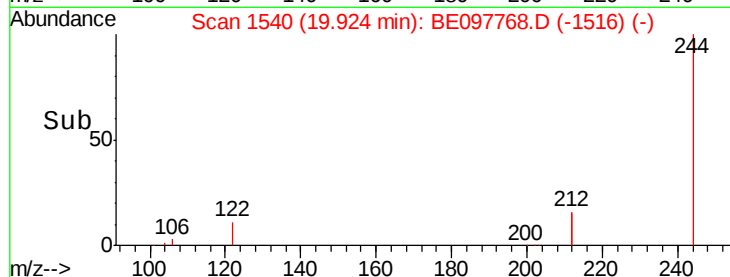
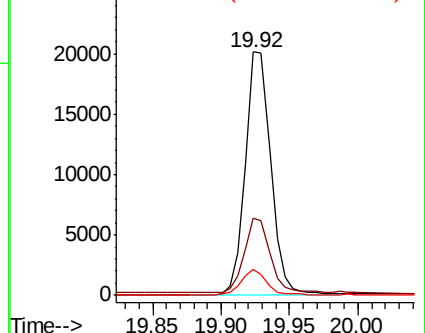
122 10.8 8.7 13.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

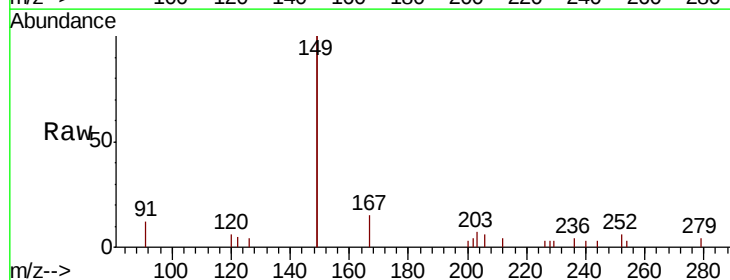
Tgt Ion:149 Resp: 3717

Ion Ratio Lower Upper

149 100

167 7.6 5.5 8.3

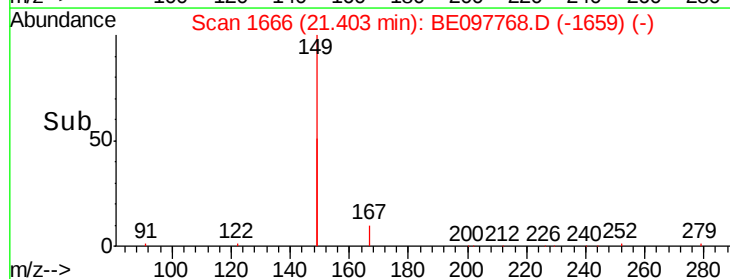
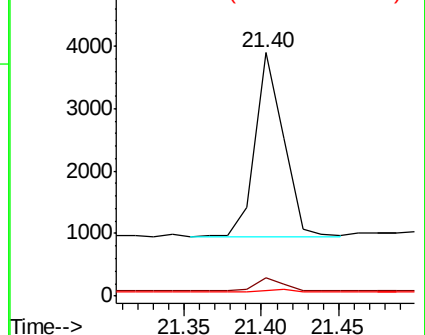
279 1.9 0.9 1.3#

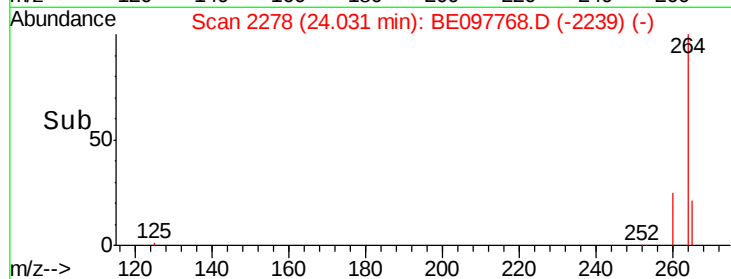
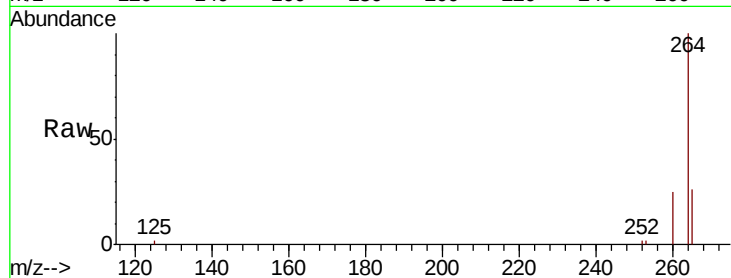
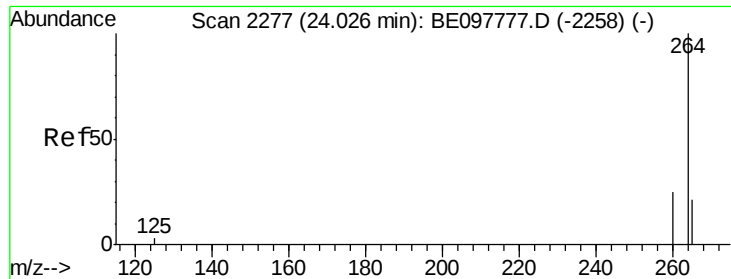


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BE097768.D

Acq: 5 Oct 2018 23:11

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181003

Tot Ion:264 Resp: 28787

Ion Ratio Lower Upper

264 100

260 25.5 19.1 28.7

265 26.1 21.9 32.9

