

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097769.D
 Acq On : 5 Oct 2018 23:47
 Operator : SJ/JU
 Sample : J5284-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003

Quant Time: Oct 06 05:53:23 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

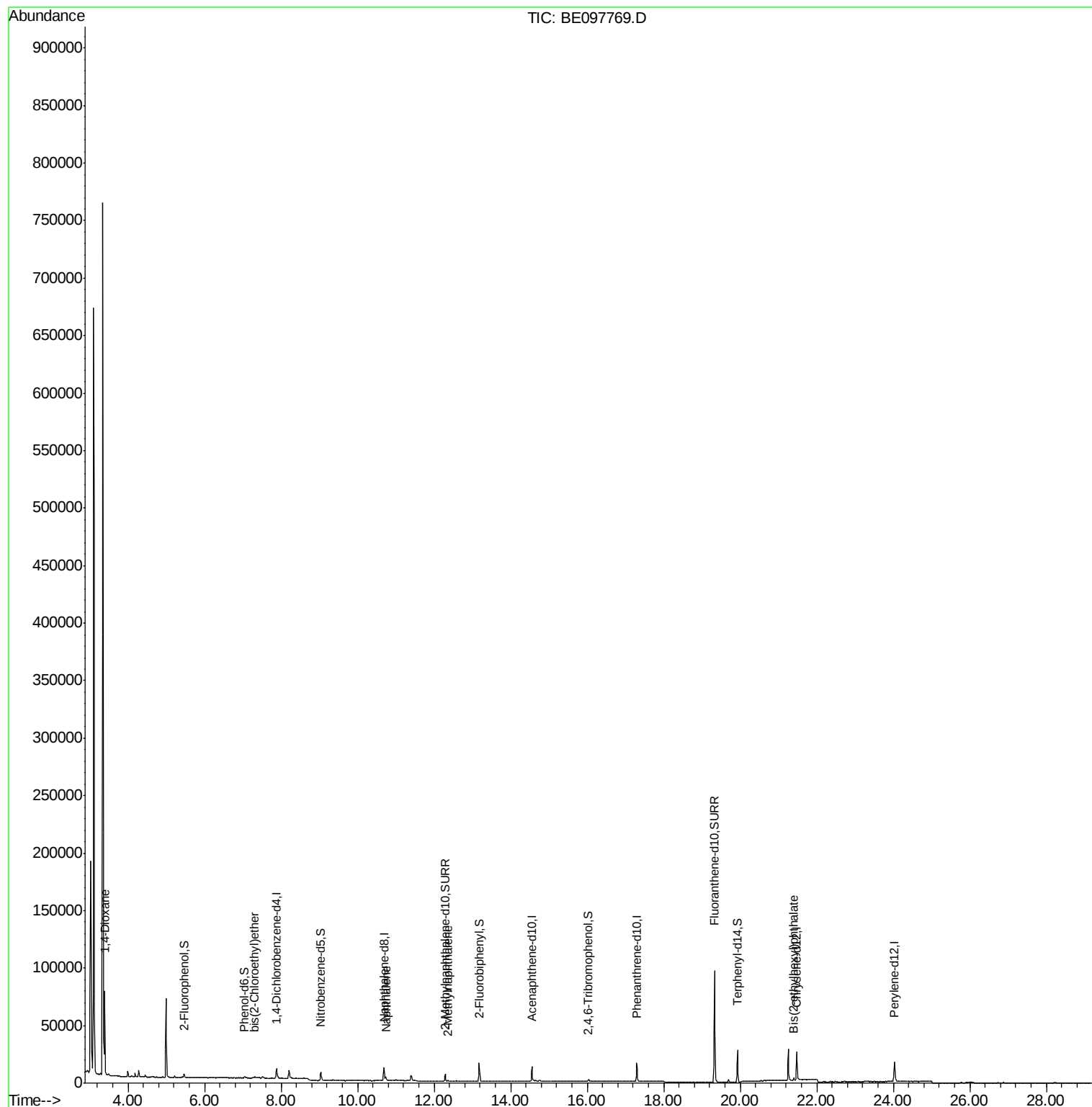
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3520	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	14170	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8068	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	22924	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	28524	0.40	ng	-0.01
34) Perylene-d12	24.03	264	26290	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1665	0.20	ng	0.00
5) Phenol-d6	7.05	99	1314	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	3487	0.76	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	9457	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	768	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	15581	0.44	ng	-0.02
25) Fluoranthene-d10	19.33	212	131110	0.45	ng	0.00
29) Terphenyl-d14	19.93	244	25037	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	44620	6.362	ng	97
6) bis(2-Chloroethyl)ether	7.31	93	417	0.032	ng	82
9) Naphthalene	10.74	128	5905	0.041	ng	# 96
12) 2-Methylnaphthalene	12.37	142	620	0.027	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.40	149	2410	0.043	ng	# 96

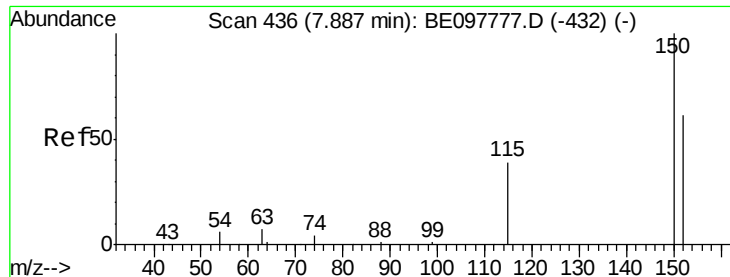
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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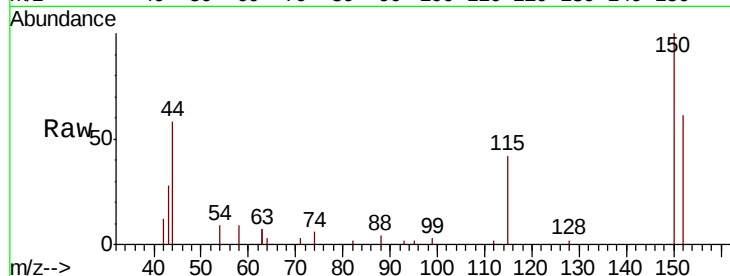


#1

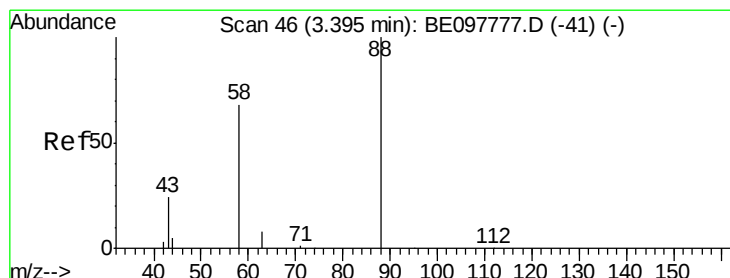
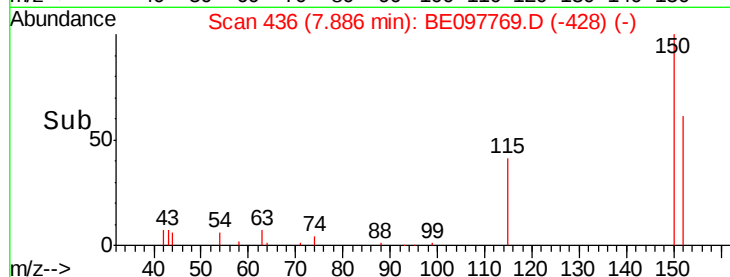
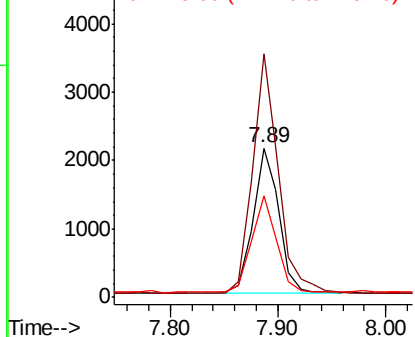
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.89 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BE097769.D
 Acq: 5 Oct 2018 23:47

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003

Tot Ion:152 Resp: 3520
 Ion Ratio Lower Upper
 152 100
 150 162.9 120.9 181.3
 115 68.1 46.6 69.8



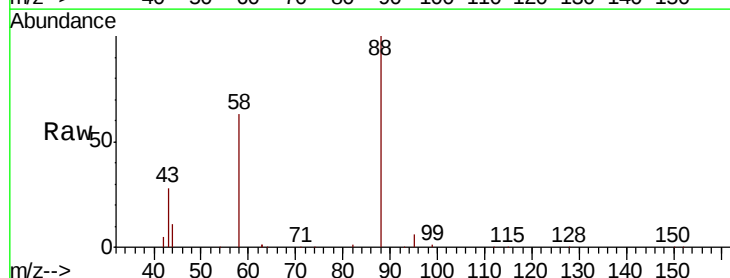
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



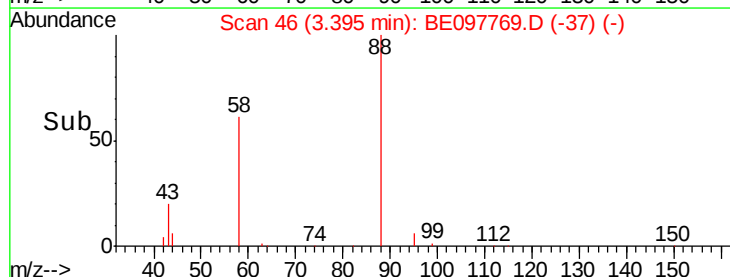
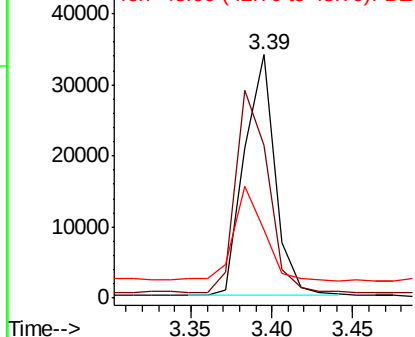
#2

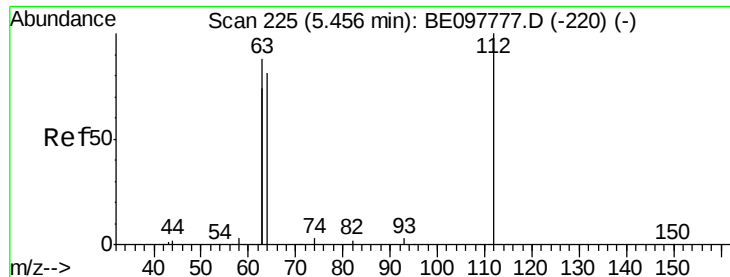
1,4-Dioxane
 Concen: 6.362 ng
 RT: 3.39 min Scan# 46
 Delta R.T. 0.00 min
 Lab File: BE097769.D
 Acq: 5 Oct 2018 23:47

Tgt Ion: 88 Resp: 44620
 Ion Ratio Lower Upper
 88 100
 58 86.3 70.8 106.2
 43 38.7 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: 0.200 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003

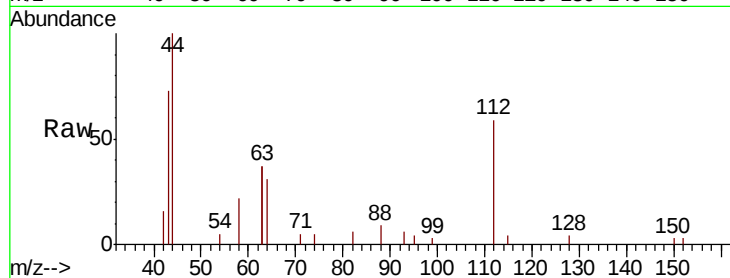
Tot Ion: 112 Resp: 1665

Ion Ratio Lower Upper

112 100

64 68.0 56.6 84.8

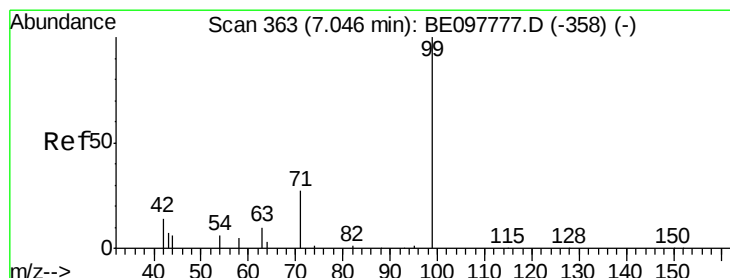
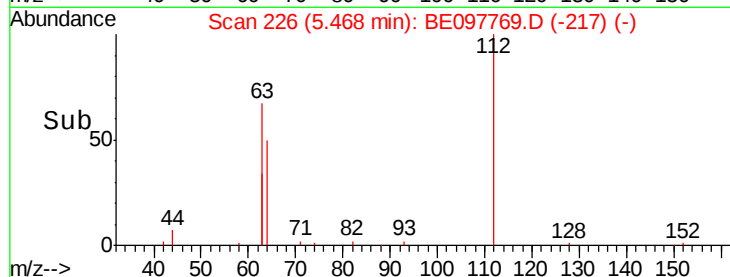
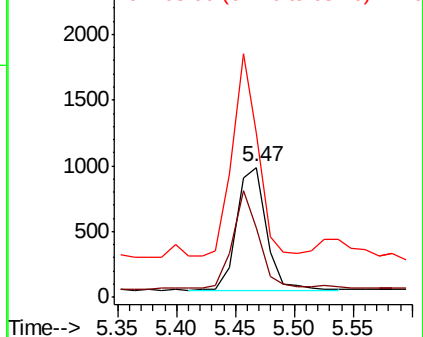
63 141.7 119.4 179.0



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: 0.103 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

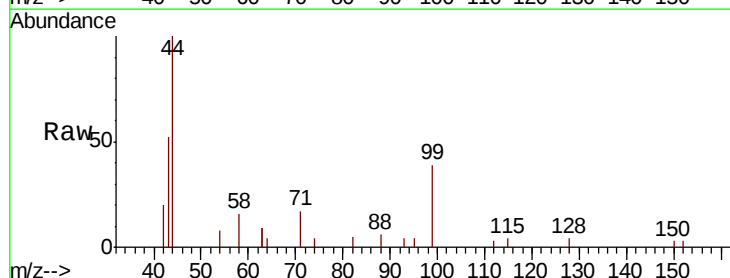
Tgt Ion: 99 Resp: 1314

Ion Ratio Lower Upper

99 100

42 36.0 19.9 29.9#

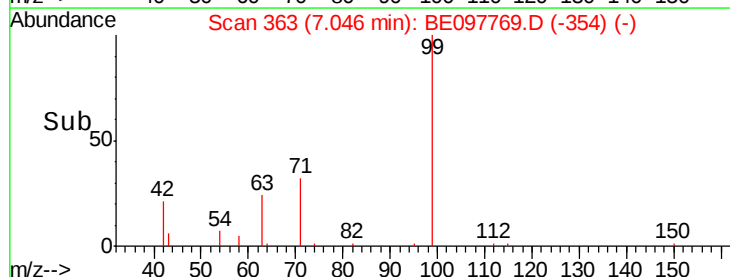
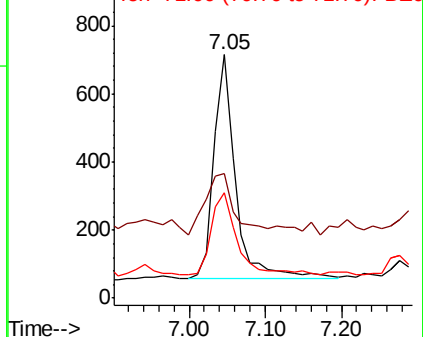
71 41.2 25.4 38.2#

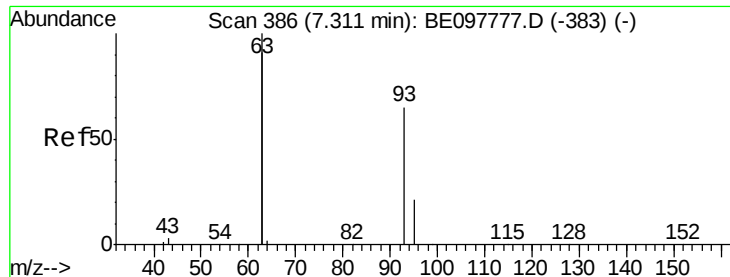


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097769.D

Acq: 5 Oct 2018 23:47

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003

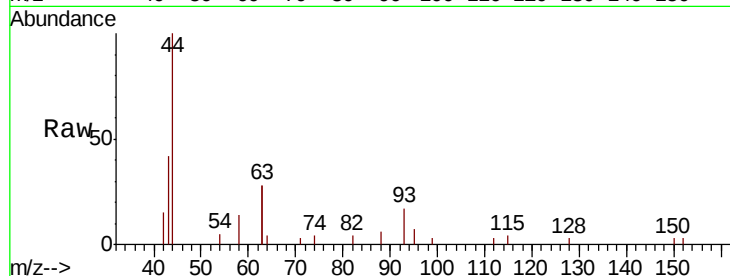
Tot Ion: 93 Resp: 417

Ion Ratio Lower Upper

93 100

63 374.6 266.9 400.3

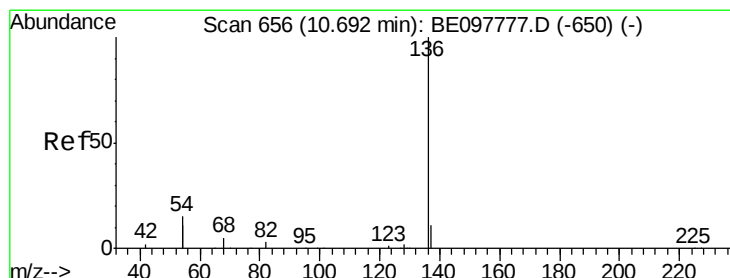
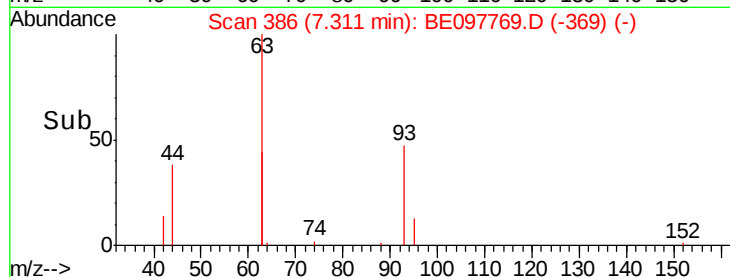
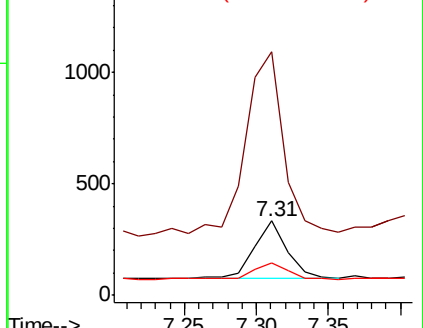
95 32.9 26.2 39.2



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: BE097769.D

Acq: 5 Oct 2018 23:47

Tgt Ion:136 Resp: 14170

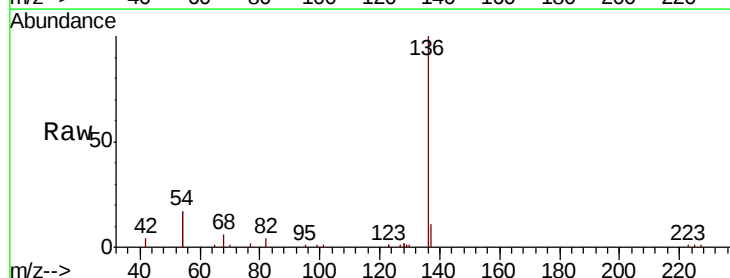
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 33.4 37.8 56.6#

68 6.0 6.4 9.6#

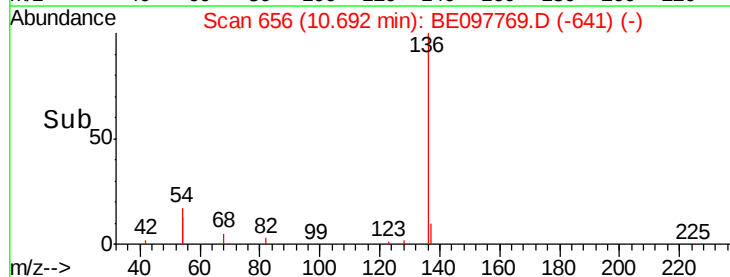
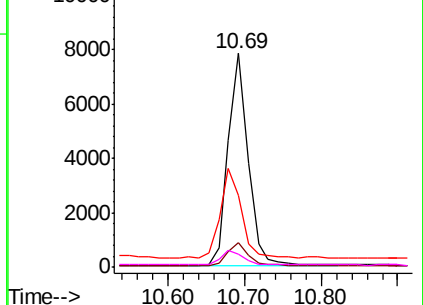


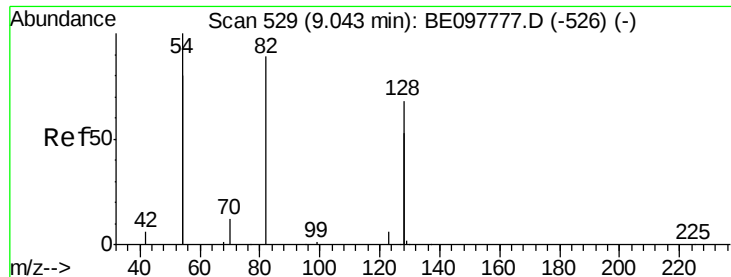
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.758 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003

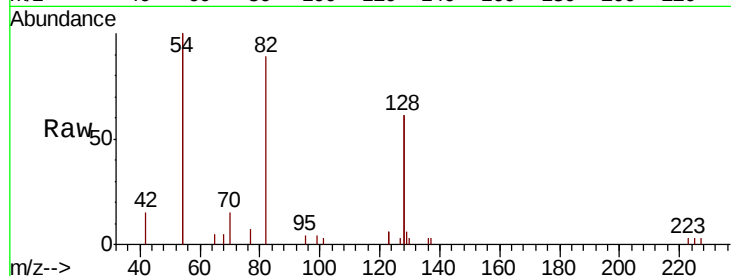
Tot Ion: 82 Resp: 3487

Ion Ratio Lower Upper

82 100

128 137.6 97.0 145.4

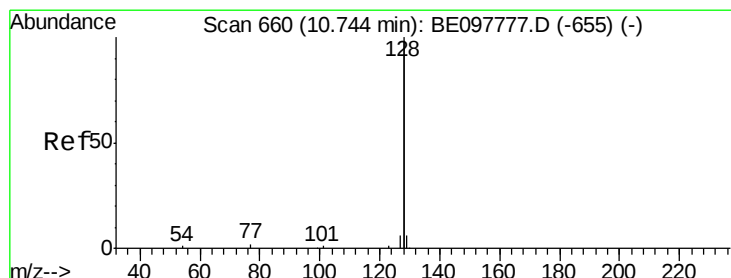
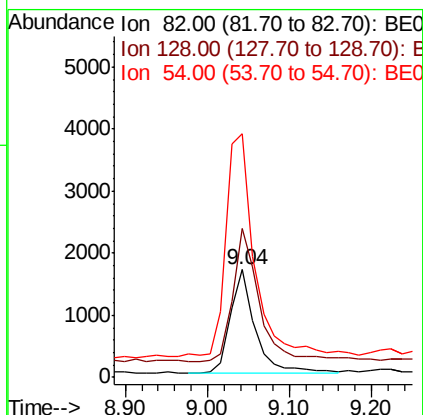
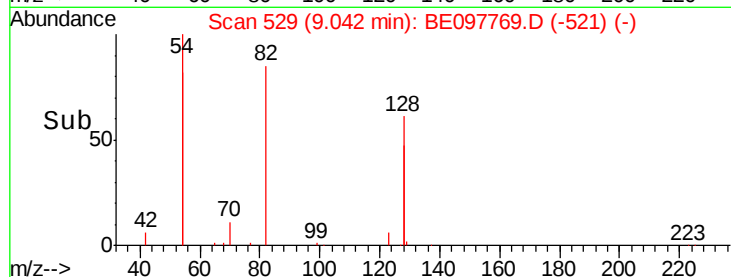
54 225.8 206.9 310.3



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



#9

Naphthalene

Concen: 0.041 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

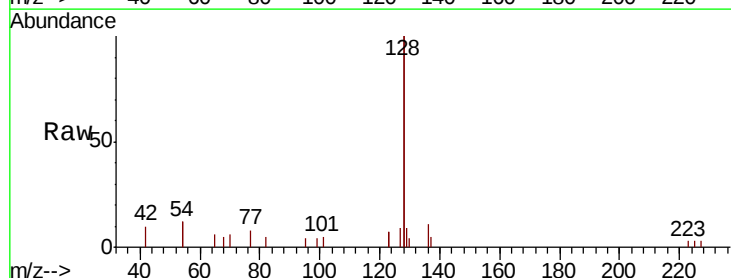
Tgt Ion:128 Resp: 5905

Ion Ratio Lower Upper

128 100

129 4.5 2.2 3.2#

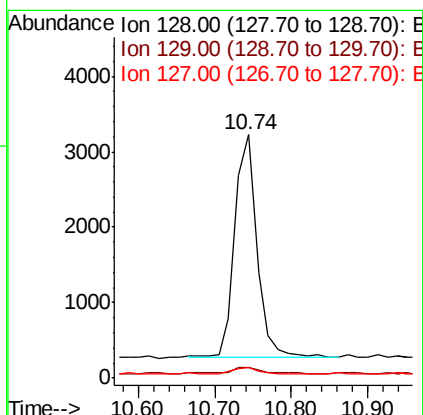
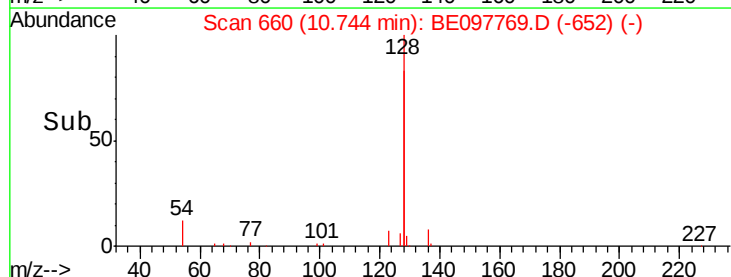
127 4.6 2.7 4.1#

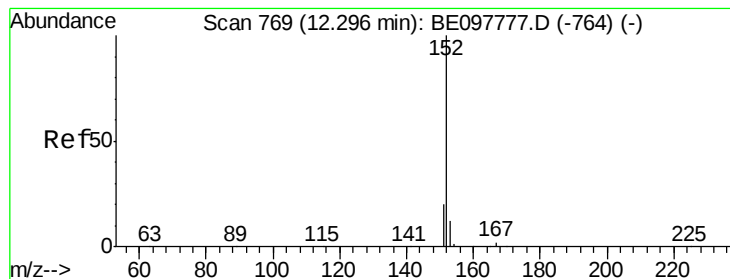


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

Instrument :

BNA_E

ClientSampleId :

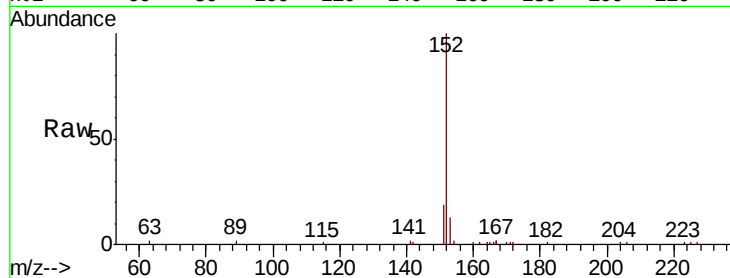
RE-103D1-20181003

Tot Ion:152 Resp: 9457

Ion Ratio Lower Upper

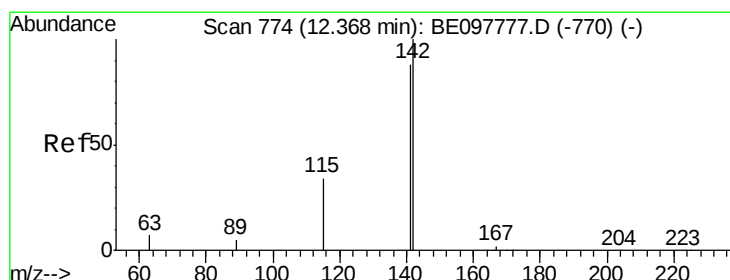
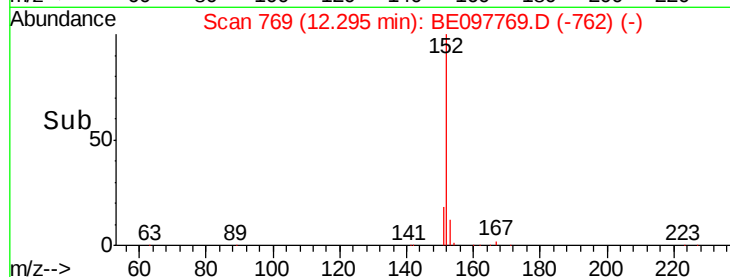
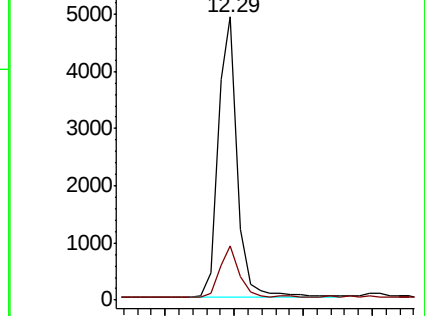
152 100

151 18.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.027 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

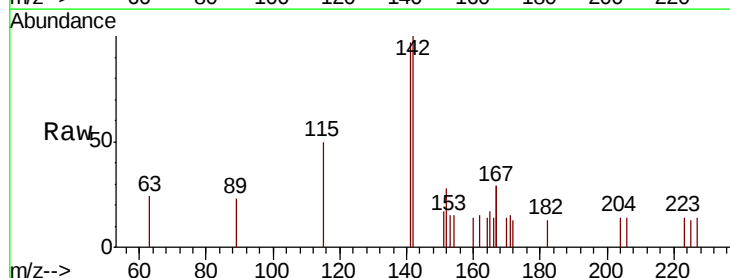
Tgt Ion:142 Resp: 620

Ion Ratio Lower Upper

142 100

141 97.4 69.4 104.2

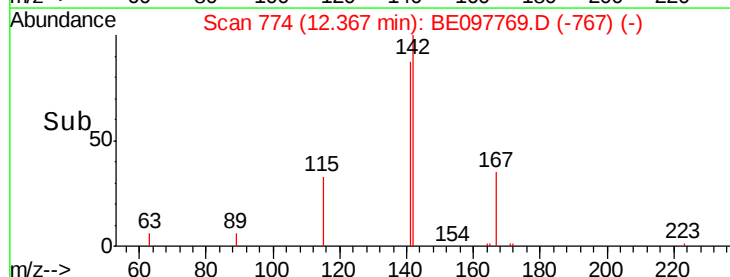
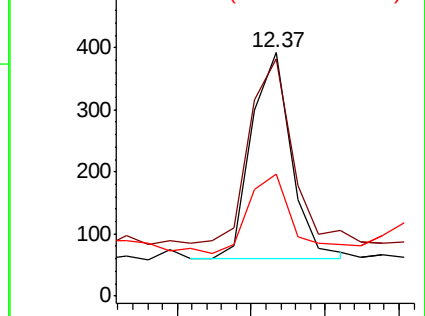
115 50.3 28.0 42.0#

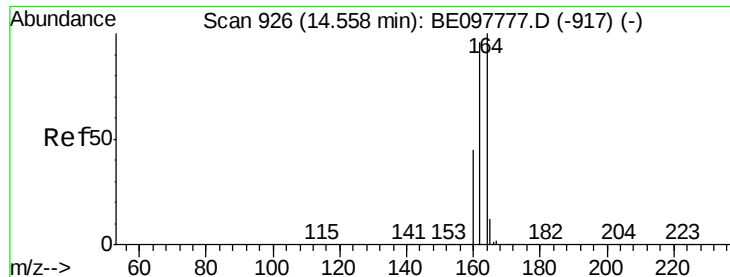


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003

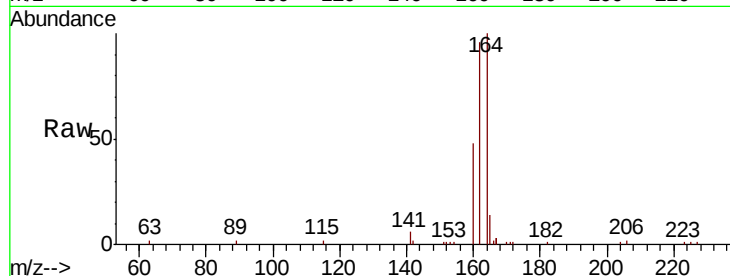
Tot Ion:164 Resp: 8068

Ion Ratio Lower Upper

164 100

162 96.4 78.6 117.8

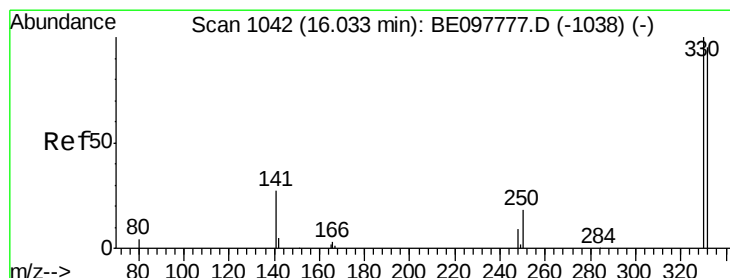
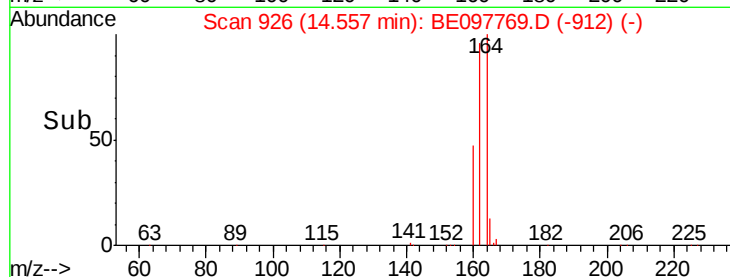
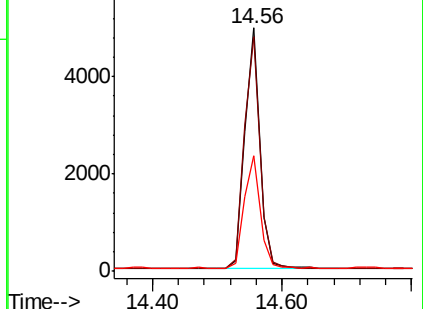
160 47.7 37.8 56.6



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: 0.525 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

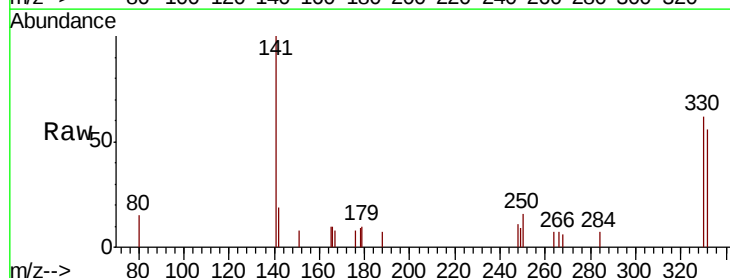
Tgt Ion:330 Resp: 768

Ion Ratio Lower Upper

330 100

332 93.6 83.5 125.3

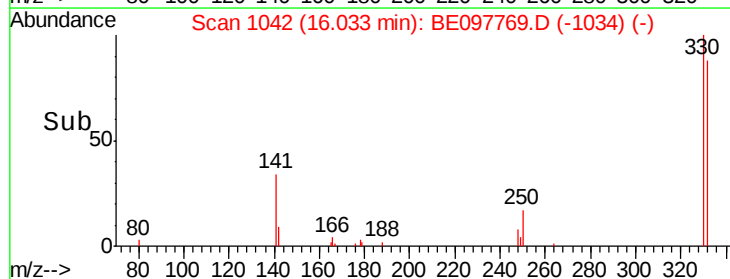
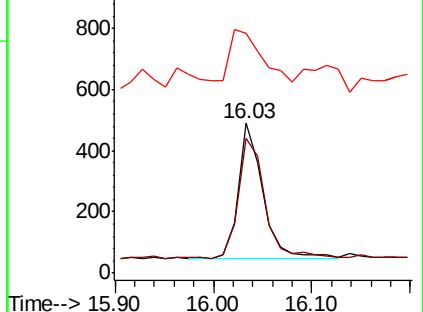
141 47.5 34.9 52.3

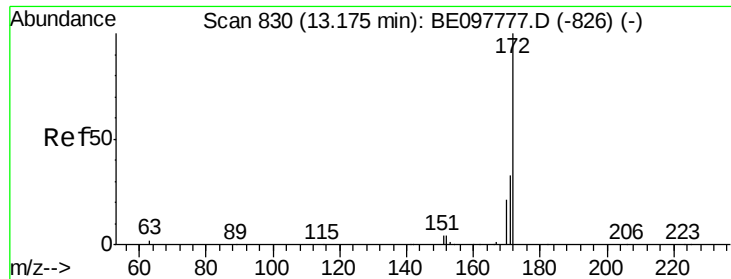


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

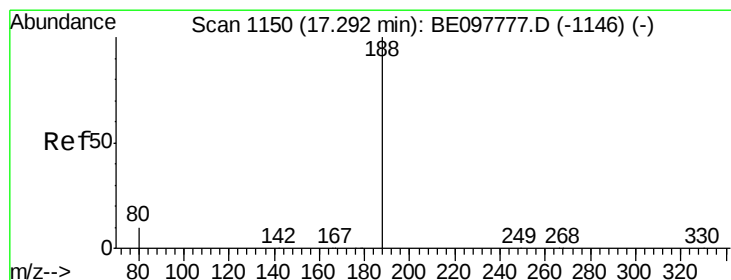
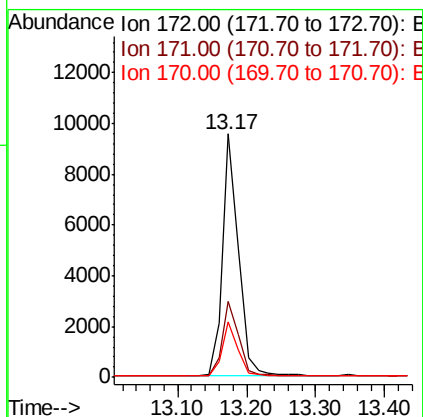
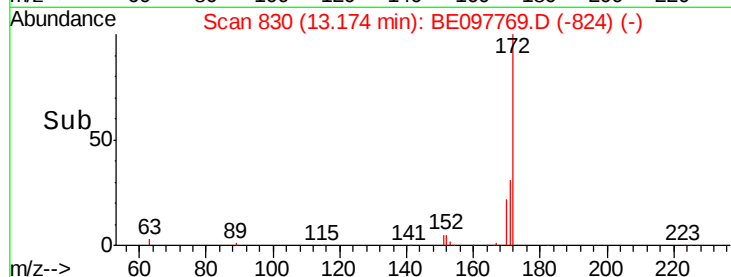
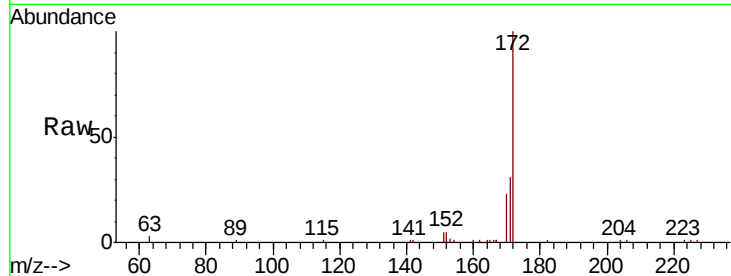




#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097769.D
Acq: 5 Oct 2018 23:47

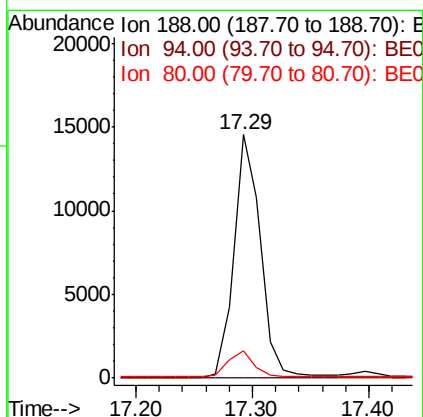
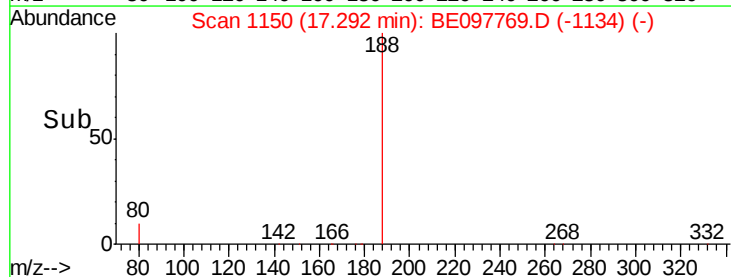
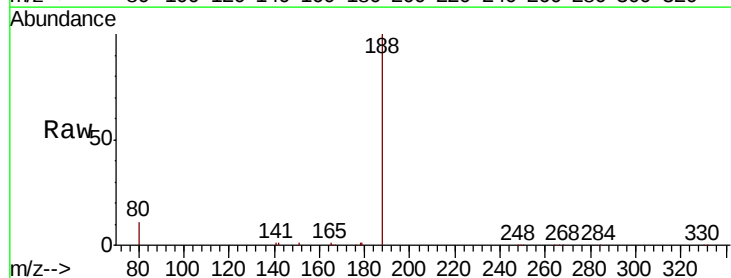
Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181003

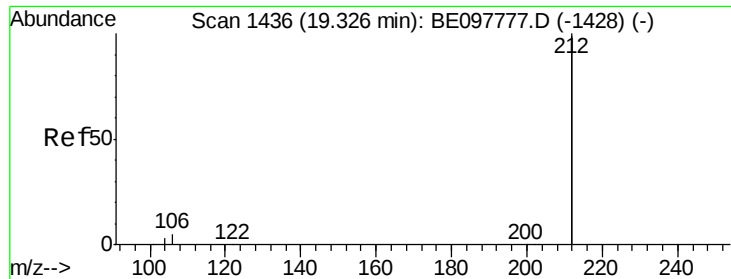
Tot Ion:172 Resp: 15581
Ion Ratio Lower Upper
172 100
171 31.0 25.2 37.8
170 22.7 16.2 24.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097769.D
Acq: 5 Oct 2018 23:47

Tgt Ion:188 Resp: 22924
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 6.6 9.8#

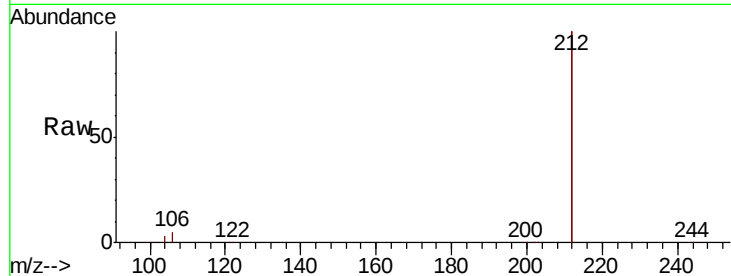




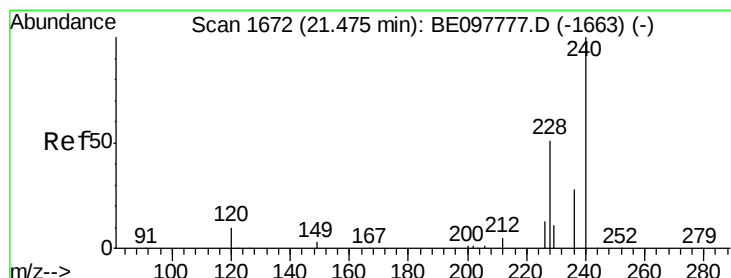
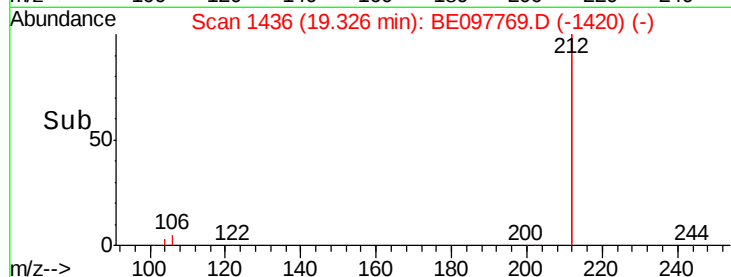
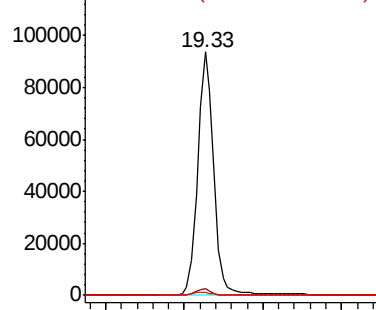
#25
 Fluoranthene-d10
 Concen: 0.452 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097769.D
 Acq: 5 Oct 2018 23:47

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181003

Tot Ion:212 Resp: 131110
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.2 1.8

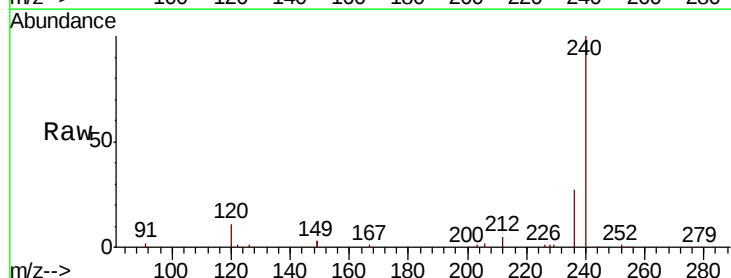


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

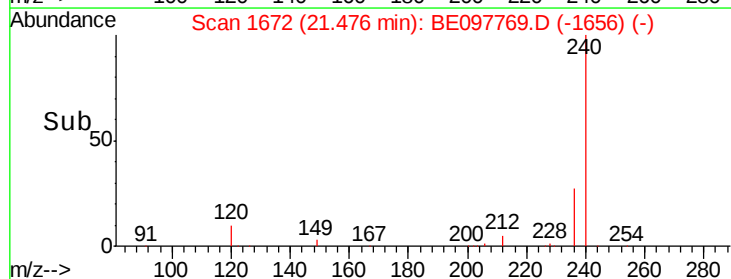
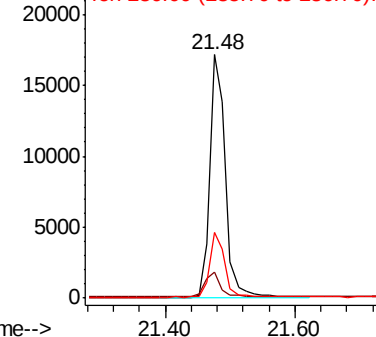


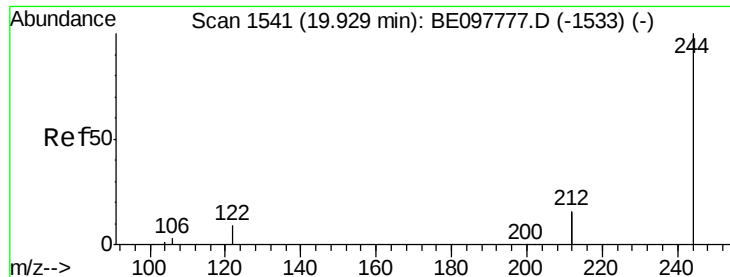
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.48 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097769.D
 Acq: 5 Oct 2018 23:47

Tgt Ion:240 Resp: 28524
 Ion Ratio Lower Upper
 240 100
 120 10.9 4.7 7.1#
 236 27.2 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: 0.430 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003

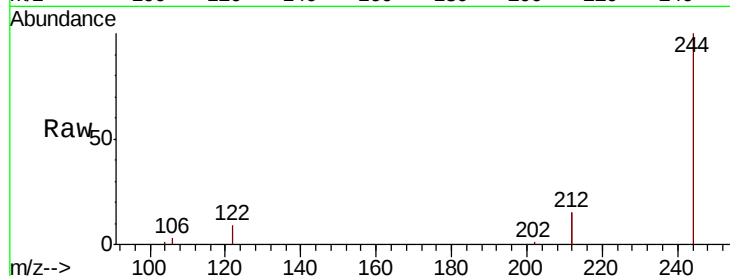
Tot Ion:244 Resp: 25037

Ion Ratio Lower Upper

244 100

212 30.2 25.8 38.8

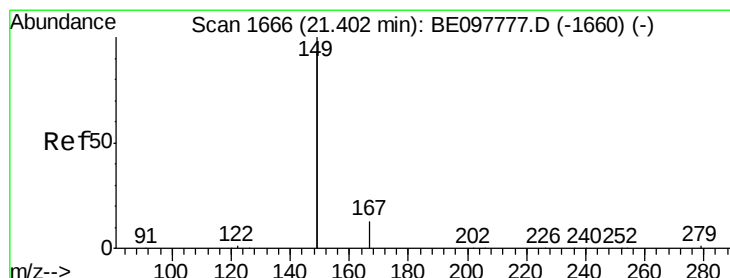
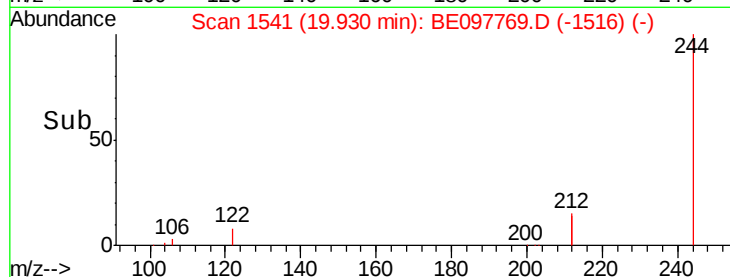
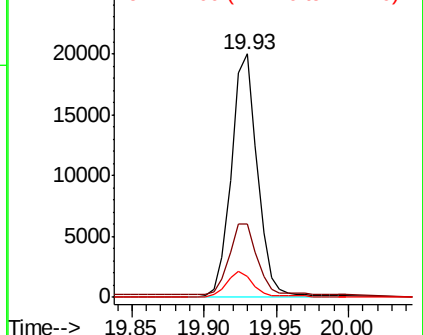
122 8.6 8.7 13.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.043 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097769.D

Acq: 5 Oct 2018 23:47

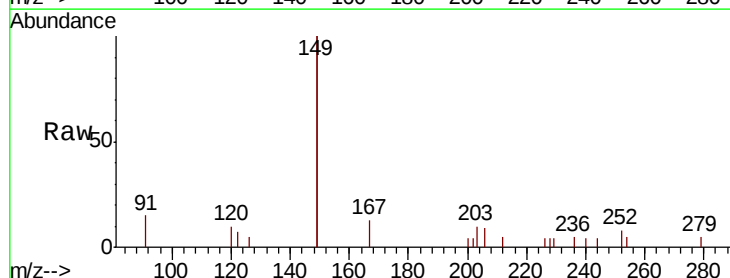
Tgt Ion:149 Resp: 2410

Ion Ratio Lower Upper

149 100

167 8.5 5.5 8.3#

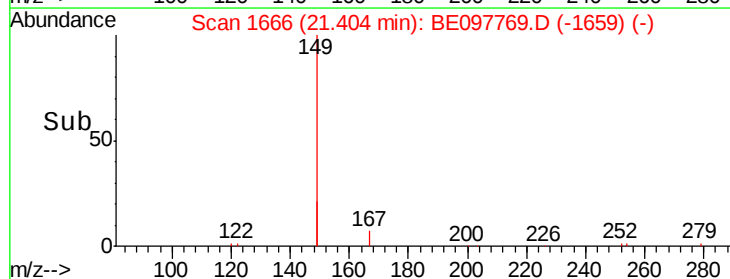
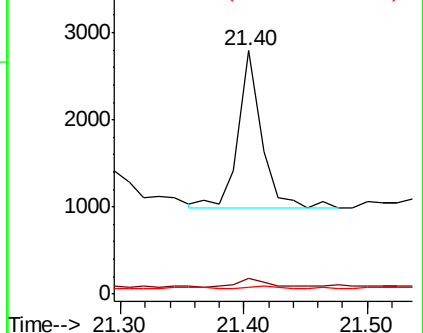
279 1.4 0.9 1.3#

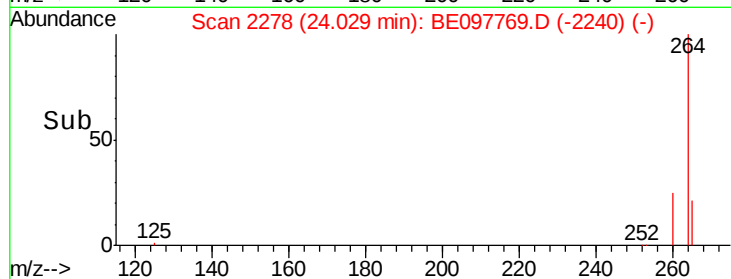
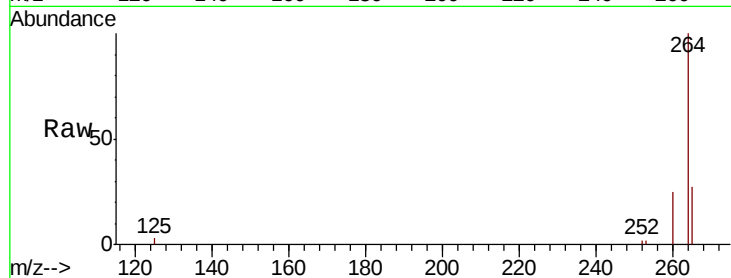
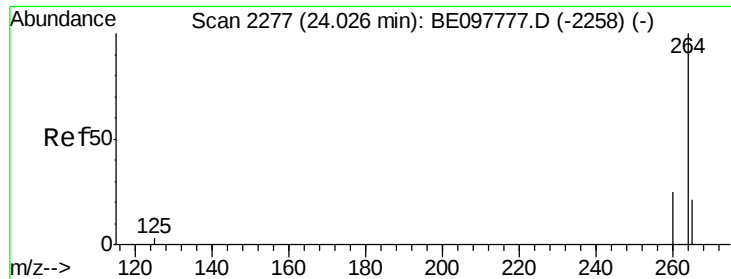


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE097769.D

Acq: 5 Oct 2018 23:47

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181003

Tot Ion: 264 Resp: 26290

Ion Ratio Lower Upper

264 100

260 25.5 19.1 28.7

265 26.7 21.9 32.9

