

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097929.D
 Acq On : 17 Oct 2018 2:52
 Operator : SJ/JU
 Sample : J5317-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-20181004

Quant Time: Oct 17 08:35:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

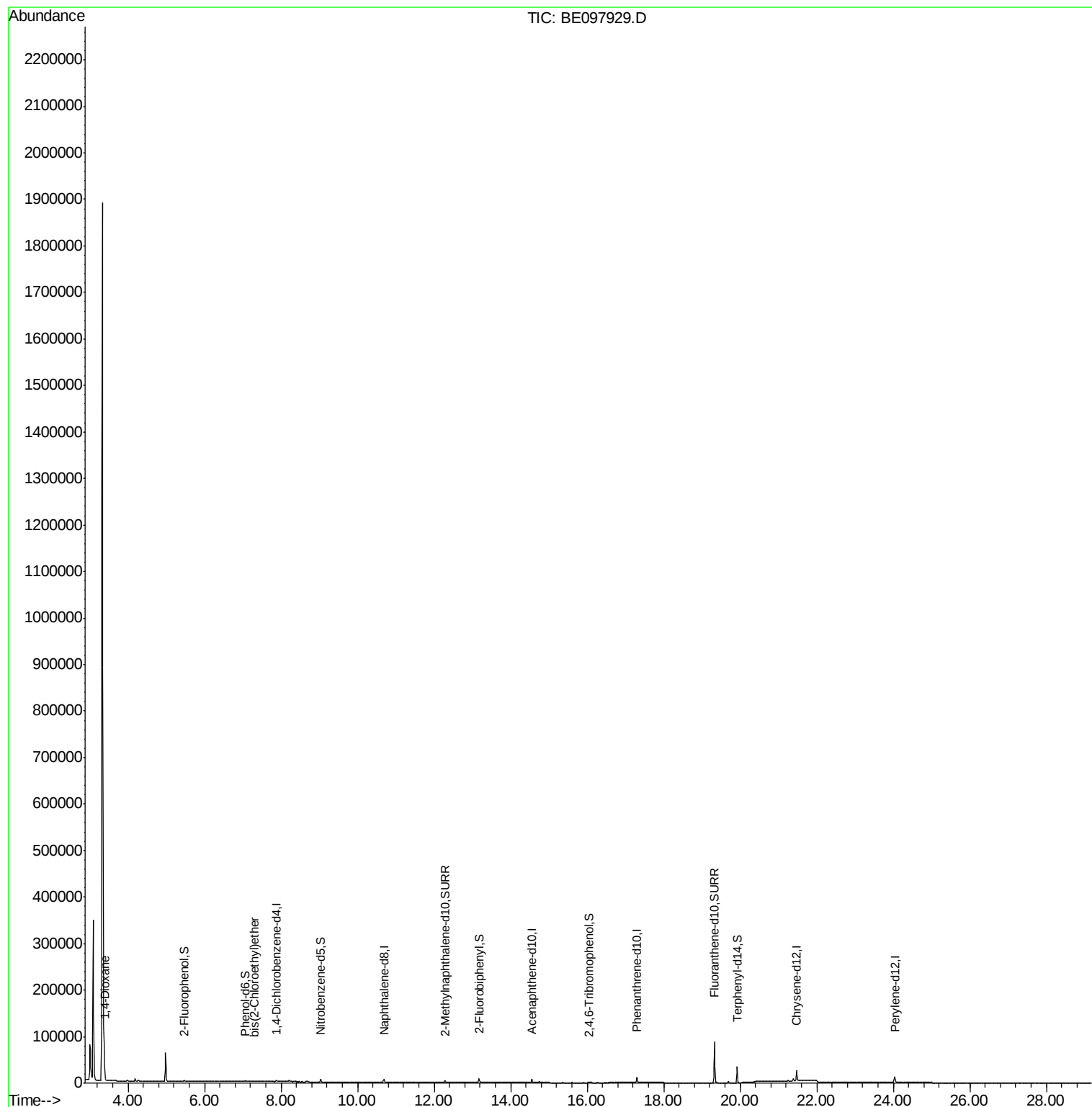
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1846	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8065	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5395	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	17419	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	22907	0.40	ng	-0.01
34) Perylene-d12	24.03	264	18178	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1225	0.21	ng	0.00
5) Phenol-d6	7.06	99	1041	0.12	ng	0.00
8) Nitrobenzene-d5	9.03	82	3027	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5348	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1160	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	10241	0.46	ng	0.00
25) Fluoranthene-d10	19.33	212	111151	0.47	ng	0.00
29) Terphenyl-d14	19.92	244	30859	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	16925	5.259	ng	# 90
6) bis(2-Chloroethyl)ether	7.30	93	440	0.060	ng	# 86

(#) = 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. 0.00 min

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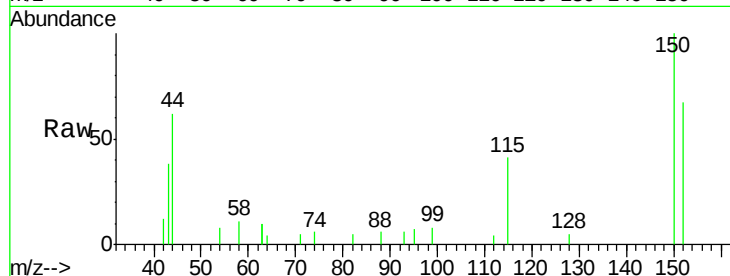
Tgt Ion:152 Resp: 1846

Ion Ratio Lower Upper

152 100

150 149.8 118.2 177.4

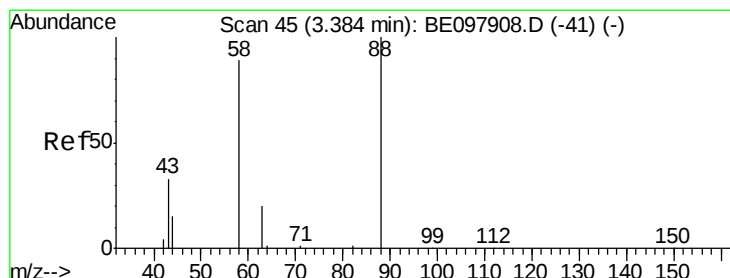
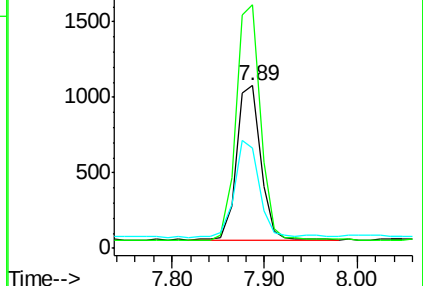
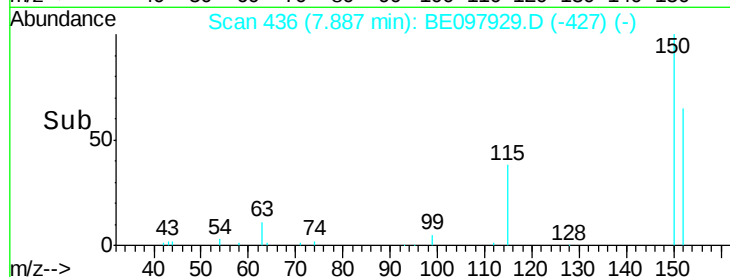
115 61.6 50.9 76.3



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: 5.259 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097929.D

Acq: 17 Oct 2018 2:52

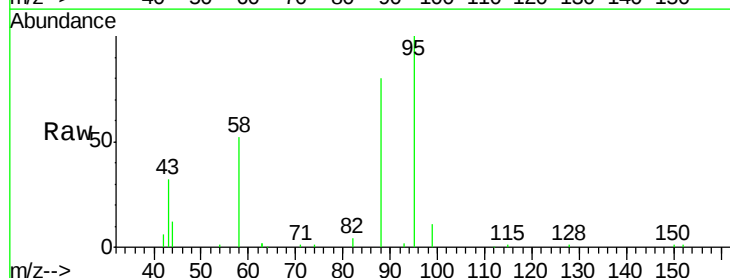
Tgt Ion: 88 Resp: 16925

Ion Ratio Lower Upper

88 100

58 86.2 73.2 109.8

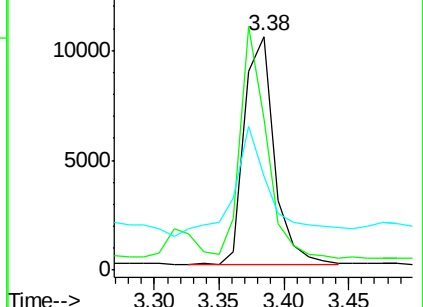
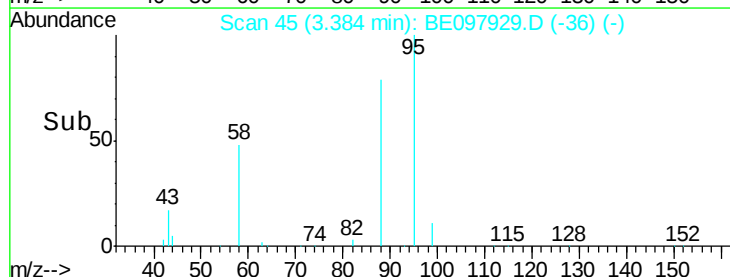
43 57.6 36.9 55.3#

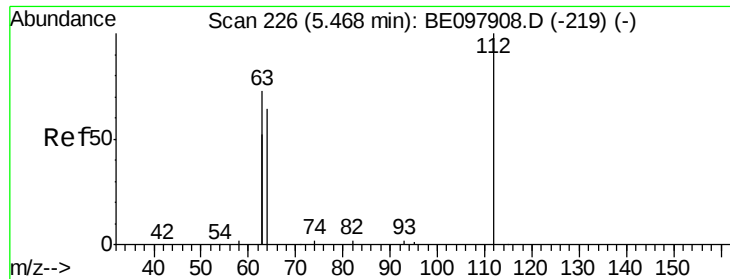


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.210 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097929.D

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Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004

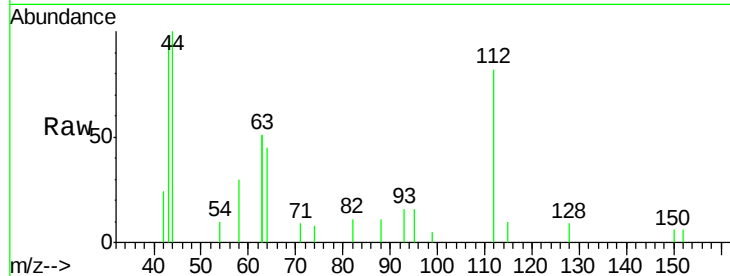
Tgt Ion: 112 Resp: 1225

Ion Ratio Lower Upper

112 100

64 72.5 58.9 88.3

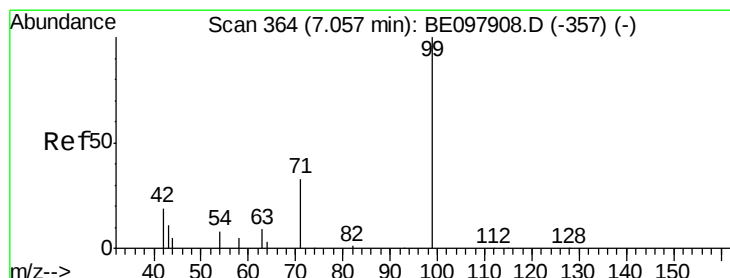
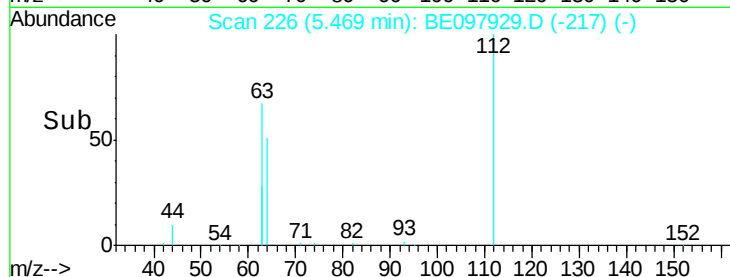
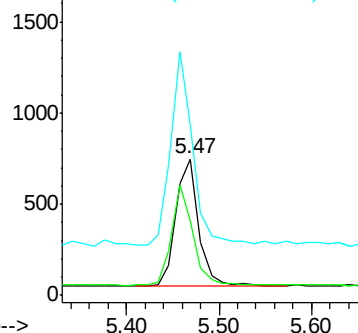
63 144.0 120.3 180.5



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: 0.121 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097929.D

Acq: 17 Oct 2018 2:52

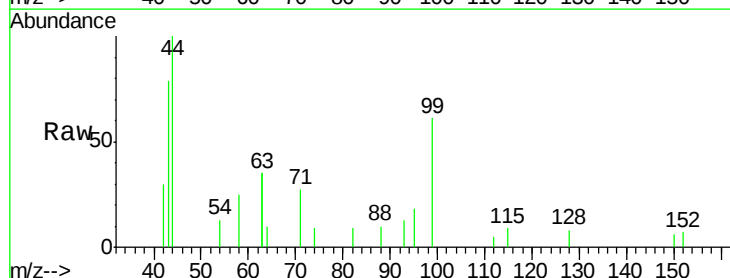
Tgt Ion: 99 Resp: 1041

Ion Ratio Lower Upper

99 100

42 35.3 19.9 29.9#

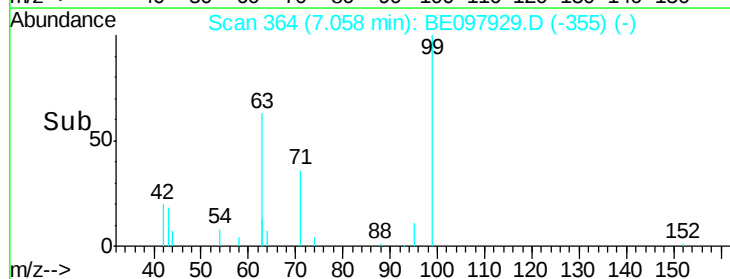
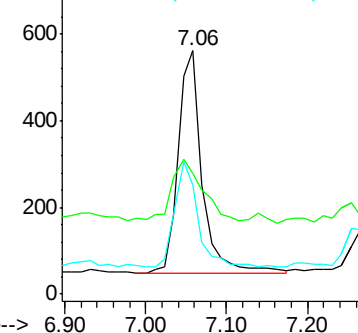
71 47.1 27.8 41.8#

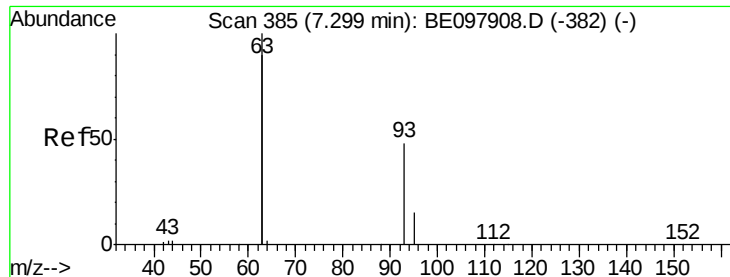


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.060 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE097929.D

Acq: 17 Oct 2018 2:52

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004

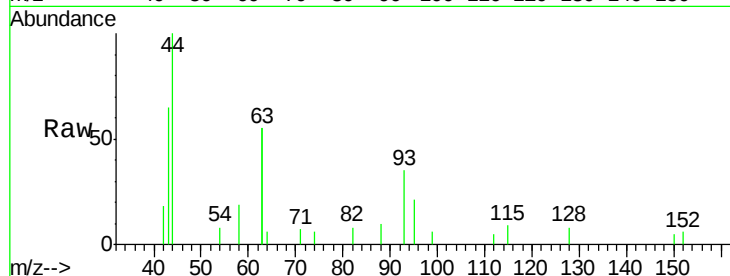
Tgt Ion: 93 Resp: 440

Ion Ratio Lower Upper

93 100

63 350.5 259.0 388.4

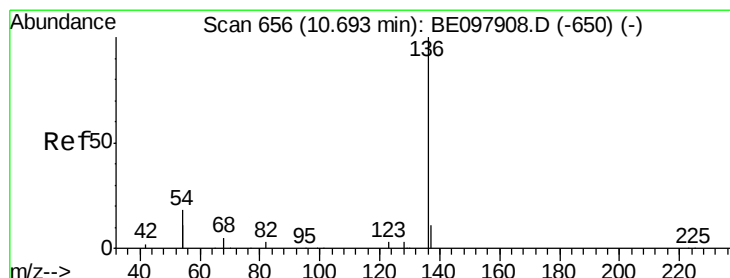
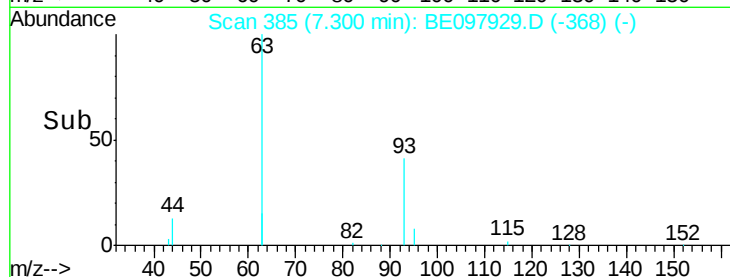
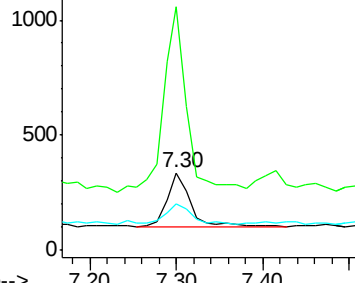
95 47.5 27.8 41.8#



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: BE097929.D

Acq: 17 Oct 2018 2:52

Tgt Ion: 136 Resp: 8065

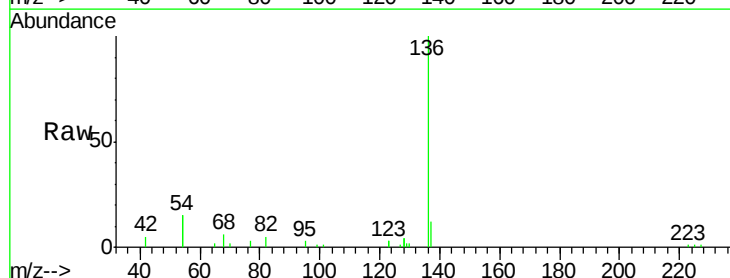
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 29.5 27.7 41.5

68 6.1 5.3 7.9

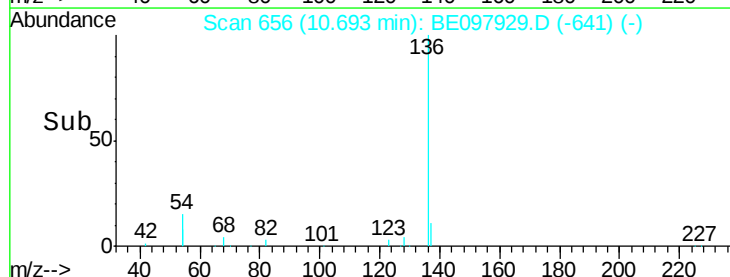
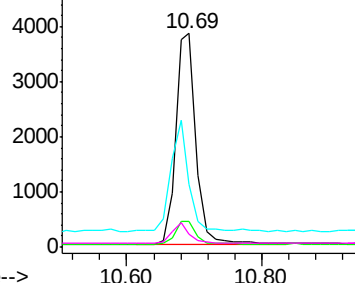


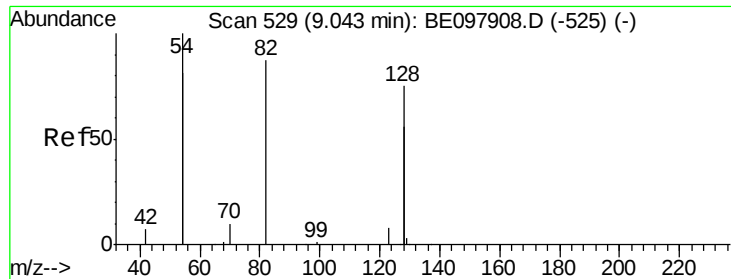
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097929.D

Acq: 17 Oct 2018 2:52

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004

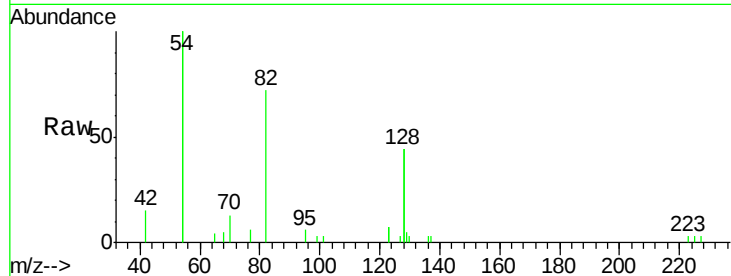
Tgt Ion: 82 Resp: 3027

Ion Ratio Lower Upper

82 100

128 120.9 129.9 194.9#

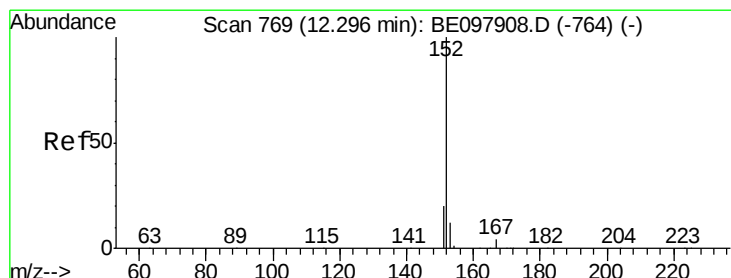
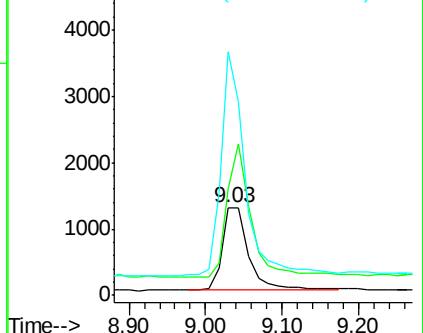
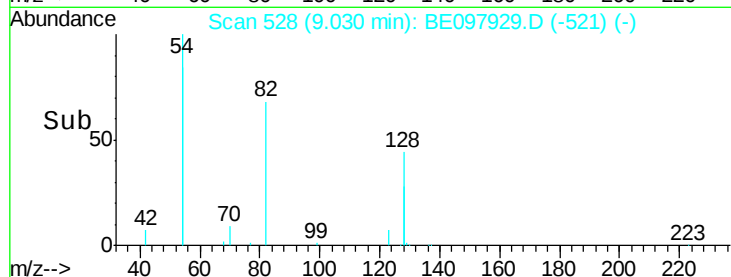
54 276.7 174.0 261.0#



Abundance Ion 82.00 (81.70 to 82.70): BE097929.D

Ion 128.00 (127.70 to 128.70): BE097929.D

Ion 54.00 (53.70 to 54.70): BE097929.D



#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097929.D

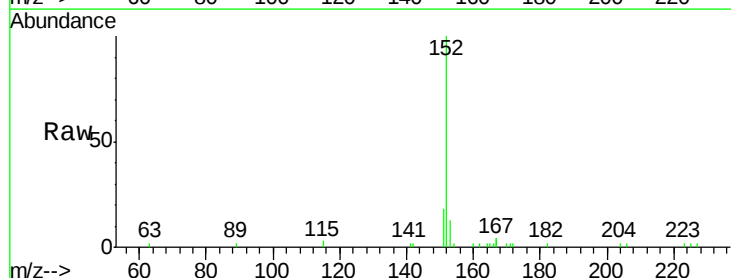
Acq: 17 Oct 2018 2:52

Tgt Ion: 152 Resp: 5348

Ion Ratio Lower Upper

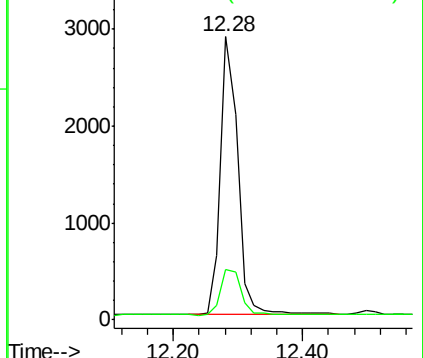
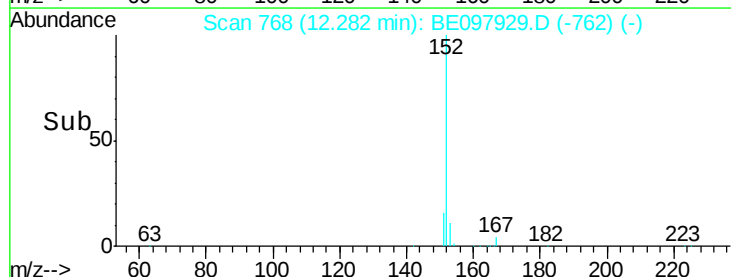
152 100

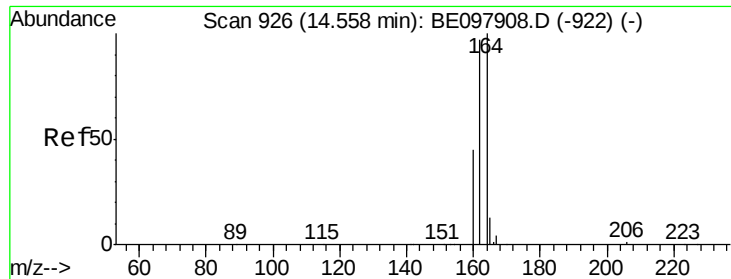
151 20.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE097929.D

Ion 151.00 (150.70 to 151.70): BE097929.D

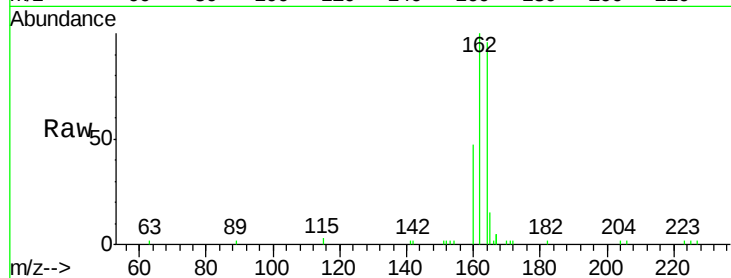




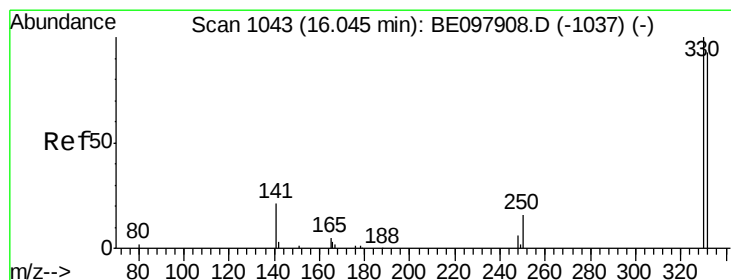
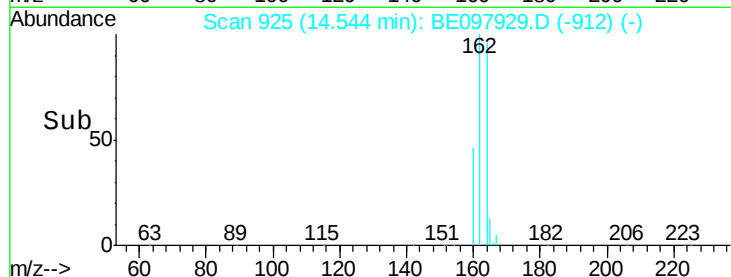
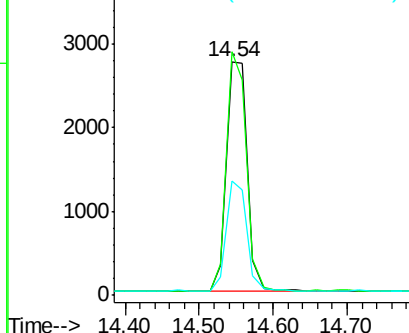
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097929.D
 Acq: 17 Oct 2018 2:52

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Tgt Ion:164 Resp: 5395
 Ion Ratio Lower Upper
 164 100
 162 104.0 77.4 116.2
 160 48.9 36.5 54.7

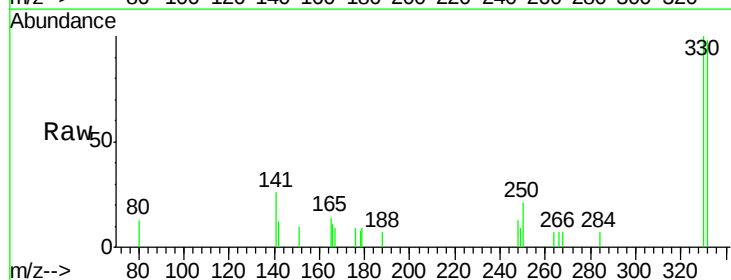


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

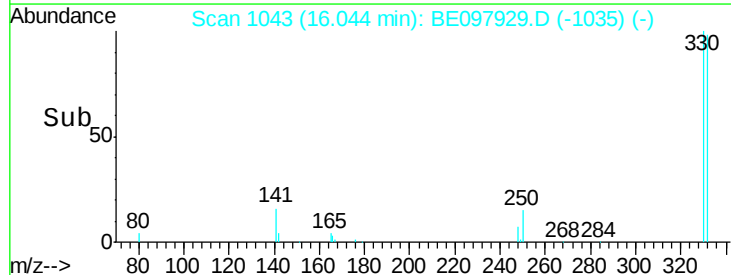
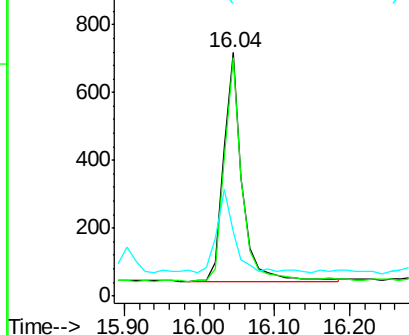


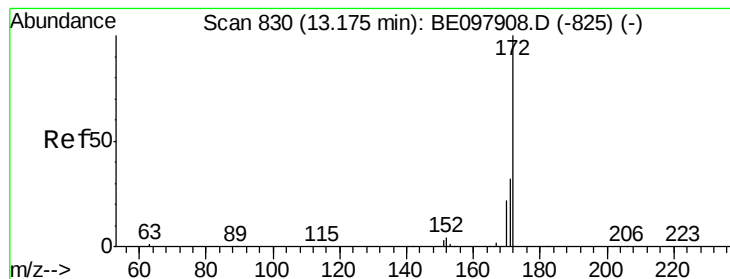
#14
 2,4,6-Tribromophenol
 Concen: 0.400 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097929.D
 Acq: 17 Oct 2018 2:52

Tgt Ion:330 Resp: 1160
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.5 114.7
 141 34.4 31.8 47.6



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: 0.465 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097929.D

Acq: 17 Oct 2018 2:52

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004

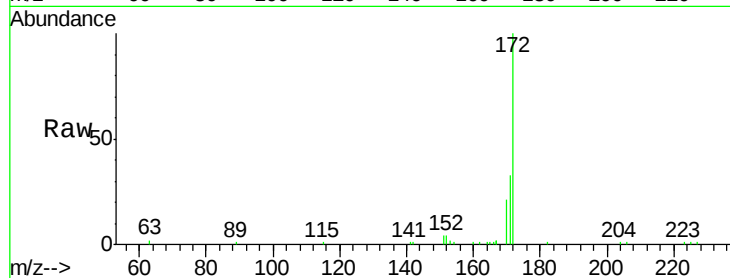
Tgt Ion:172 Resp: 10241

Ion Ratio Lower Upper

172 100

171 33.1 26.0 39.0

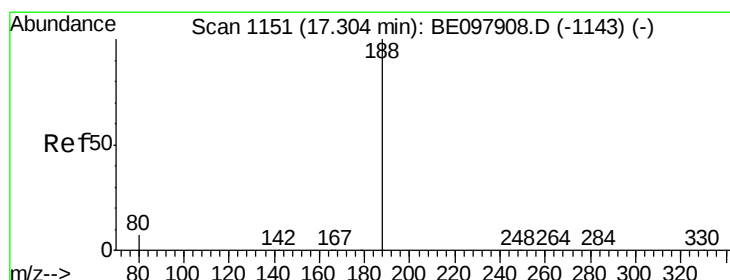
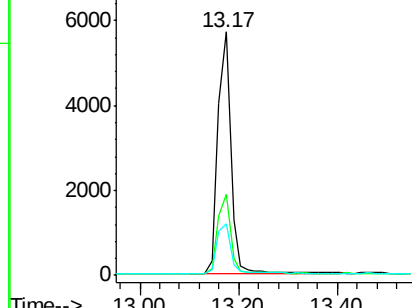
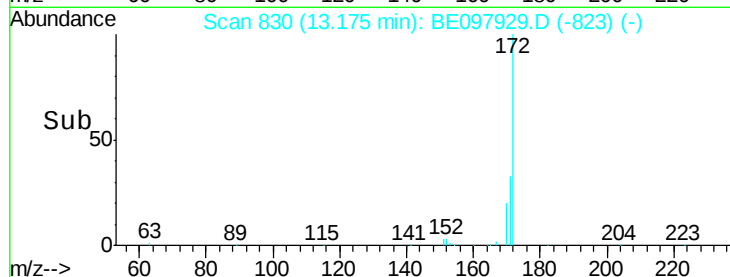
170 21.1 18.0 27.0



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097929.D

Acq: 17 Oct 2018 2:52

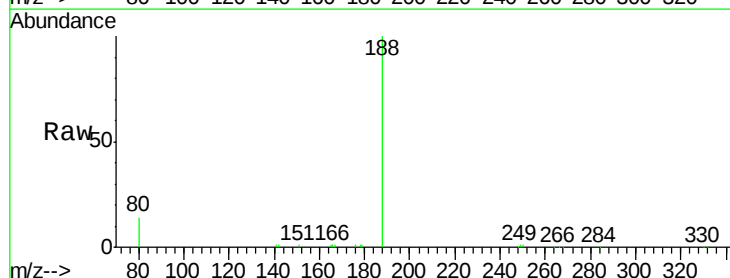
Tgt Ion:188 Resp: 17419

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

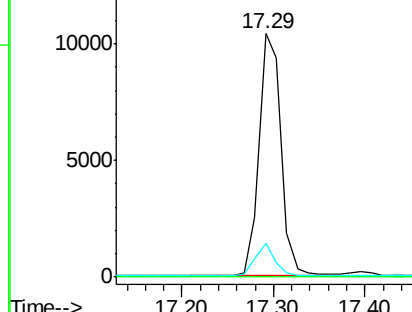
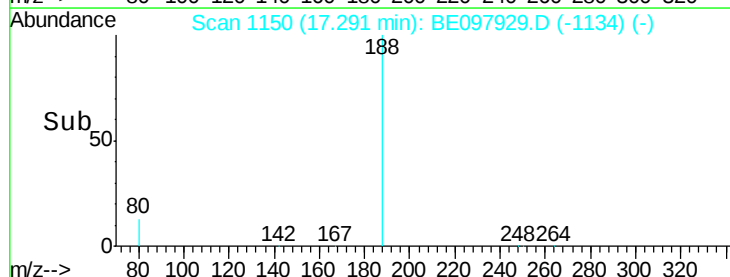
80 13.6 6.3 9.5#

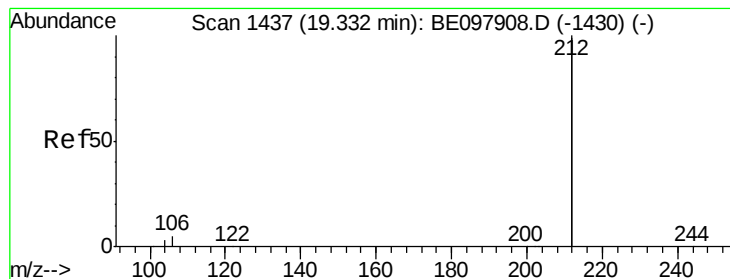


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.471 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097929.D

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RE-122D2-20181004

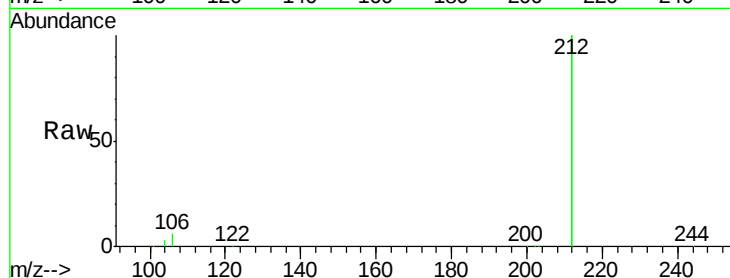
Tgt Ion:212 Resp: 111151

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

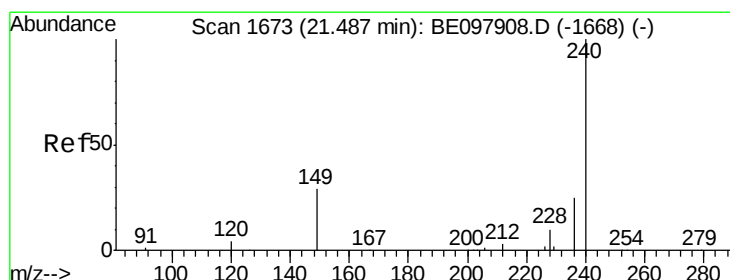
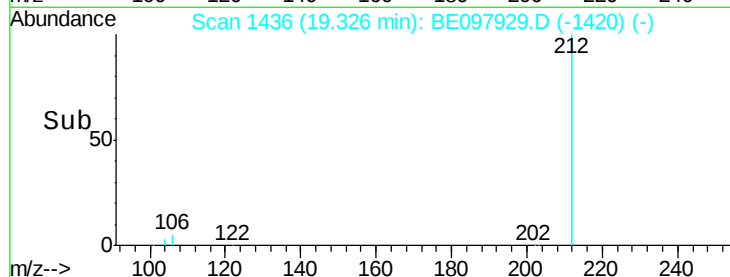
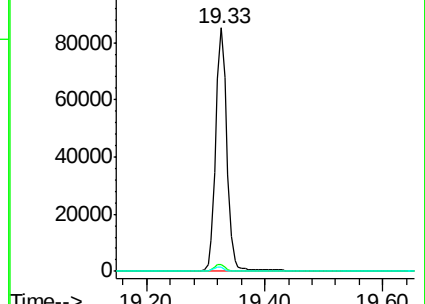
104 1.6 1.3 1.9



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: BE097929.D

Acq: 17 Oct 2018 2:52

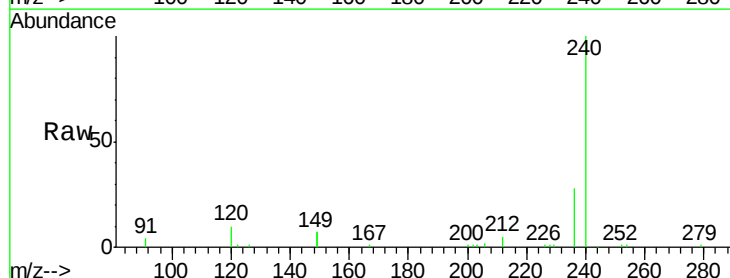
Tgt Ion:240 Resp: 22907

Ion Ratio Lower Upper

240 100

120 10.4 7.1 10.7

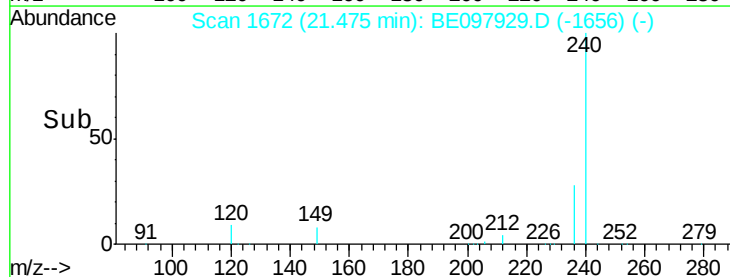
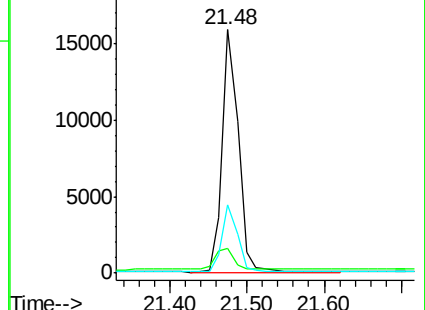
236 28.0 21.3 31.9

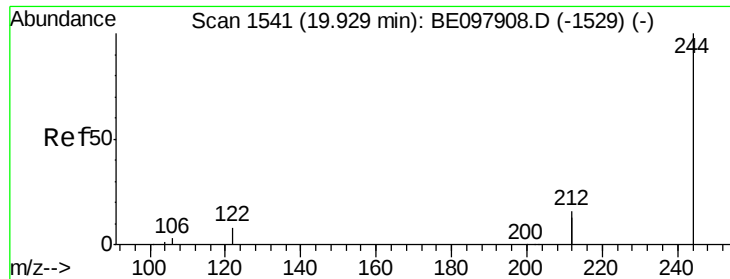


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.588 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097929.D

Acq: 17 Oct 2018 2:52

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004

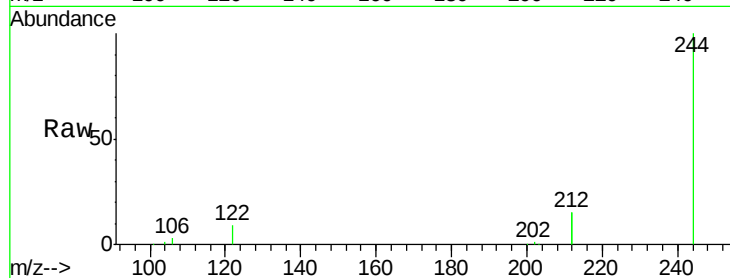
Tgt Ion:244 Resp: 30859

Ion Ratio Lower Upper

244 100

212 29.9 26.2 39.2

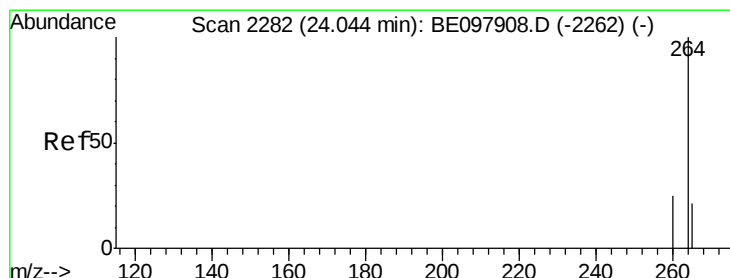
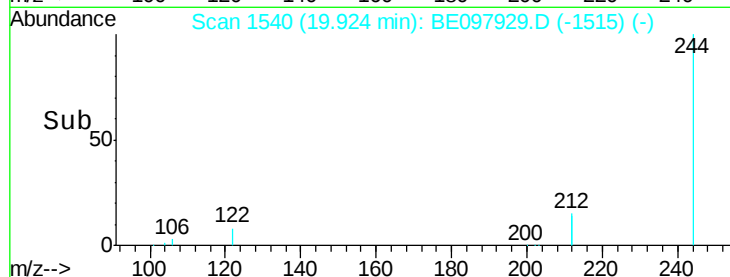
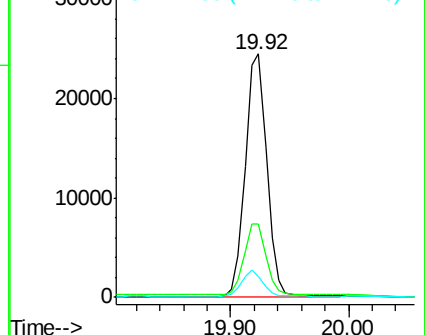
122 8.8 7.7 11.5



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

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097929.D

Acq: 17 Oct 2018 2:52

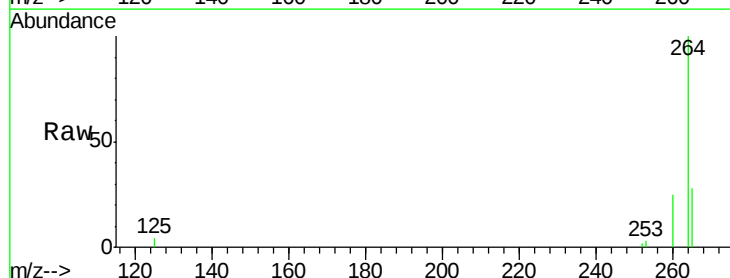
Tgt Ion:264 Resp: 18178

Ion Ratio Lower Upper

264 100

260 25.2 21.1 31.7

265 28.1 29.2 43.8#



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

