

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097918.D
 Acq On : 16 Oct 2018 20:07
 Operator : SJ/JU
 Sample : J5393-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-126D3-20181008

Quant Time: Oct 17 07:30:06 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

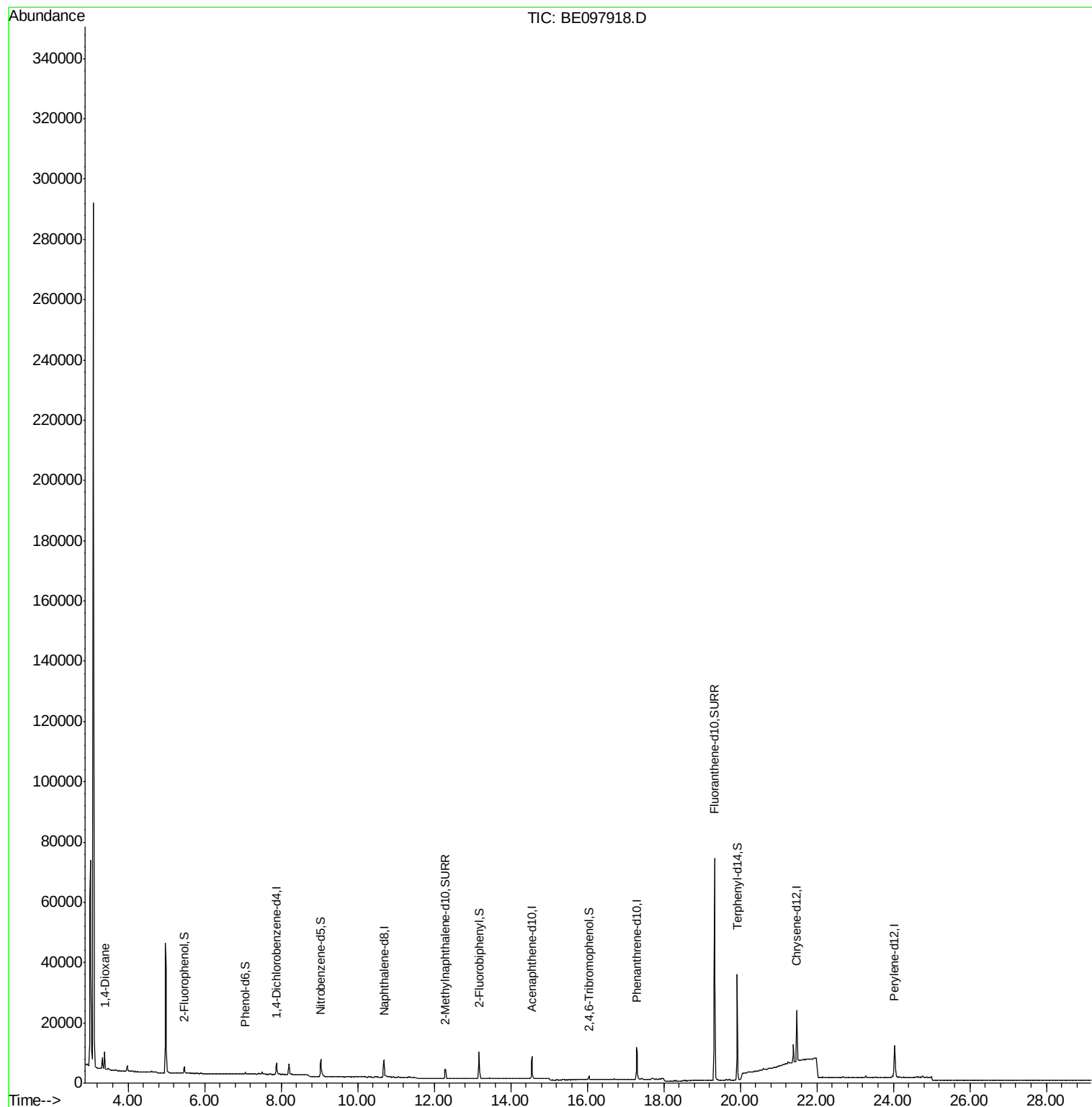
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1806	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7597	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	5096	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	15592	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	19090	0.40	ng	-0.01
34) Perylene-d12	24.03	264	15954	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1100	0.19	ng	0.00
5) Phenol-d6	7.06	99	846	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	2946	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5280	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	858	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	8961	0.43	ng	0.00
25) Fluoranthene-d10	19.33	212	96375	0.46	ng	0.00
29) Terphenyl-d14	19.92	244	31583	0.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	3422	1.087	ng	97

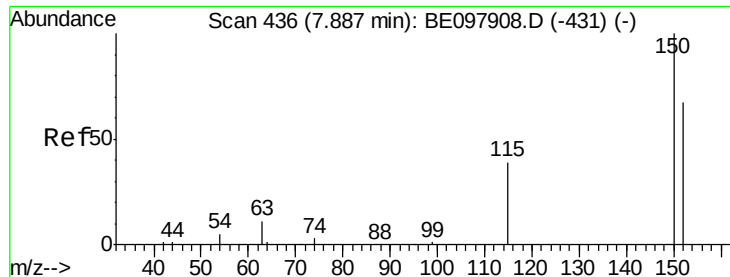
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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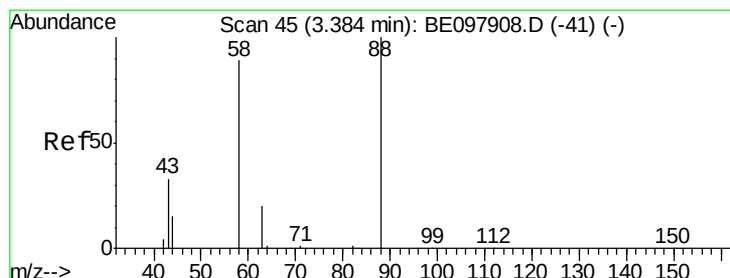
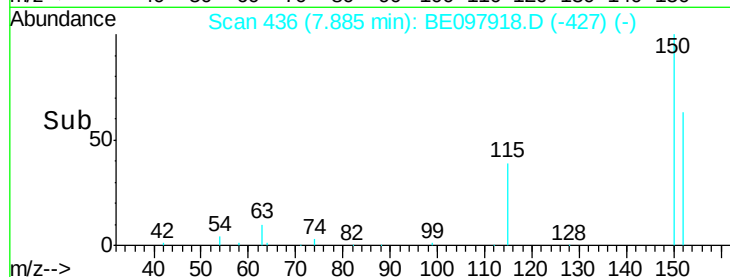
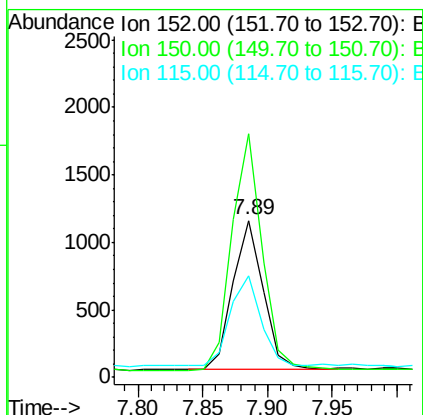
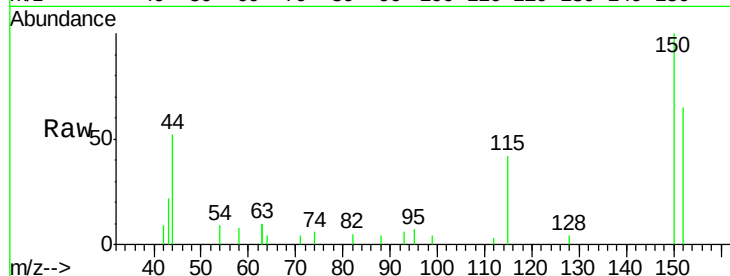


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097918.D
Acq: 16 Oct 2018 20:07

Instrument :
BNA_E
ClientSampleId :
RE-126D3-20181008

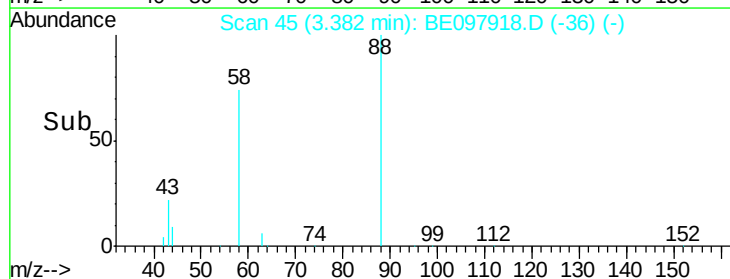
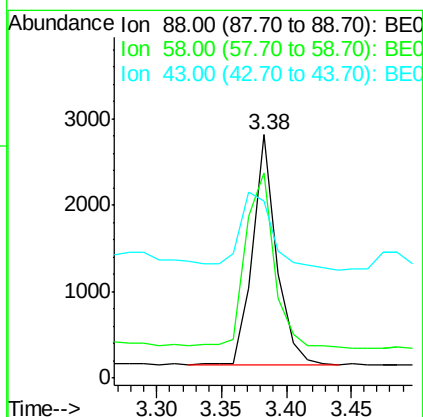
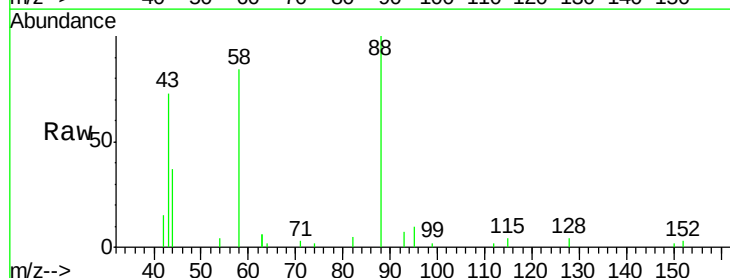
Tgt Ion:152 Resp: 1806
Ion Ratio Lower Upper
152 100
150 154.8 118.2 177.4
115 65.0 50.9 76.3

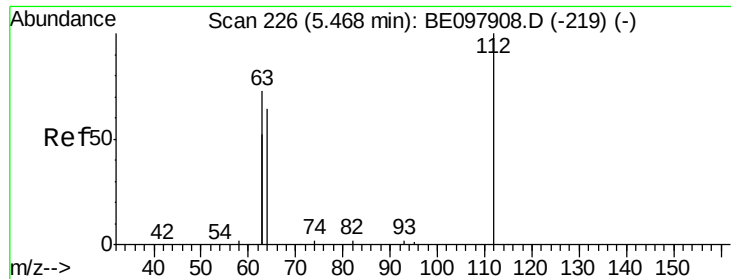


#2

1,4-Dioxane
Concen: 1.087 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097918.D
Acq: 16 Oct 2018 20:07

Tgt Ion: 88 Resp: 3422
Ion Ratio Lower Upper
88 100
58 88.1 73.2 109.8
43 47.4 36.9 55.3





#4

2-Fluorophenol

Concen: 0.193 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

RE-126D3-20181008

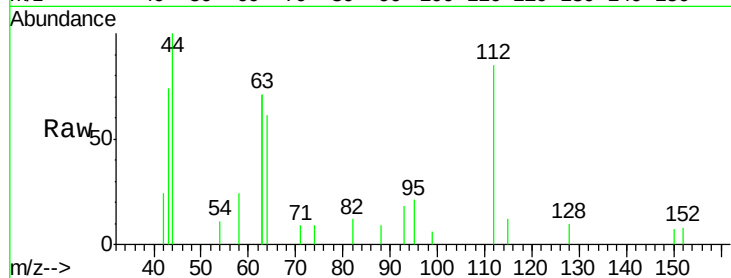
Tgt Ion: 112 Resp: 1100

Ion Ratio Lower Upper

112 100

64 74.5 58.9 88.3

63 167.2 120.3 180.5

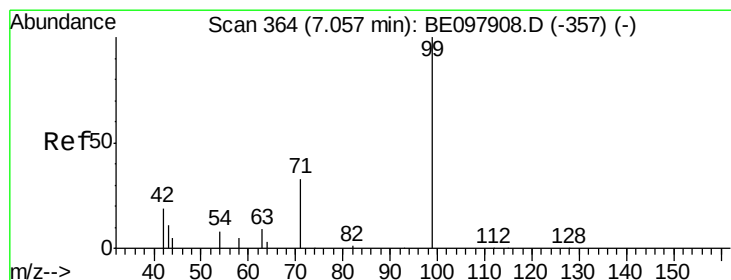
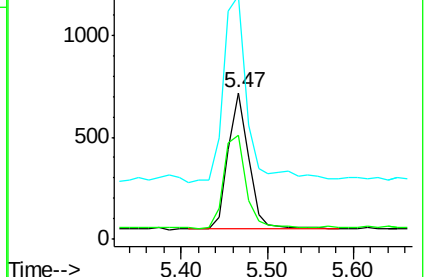
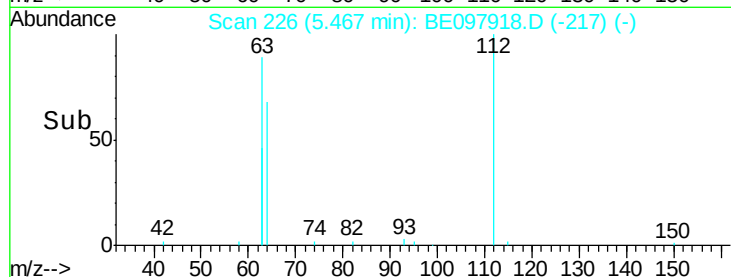


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.101 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

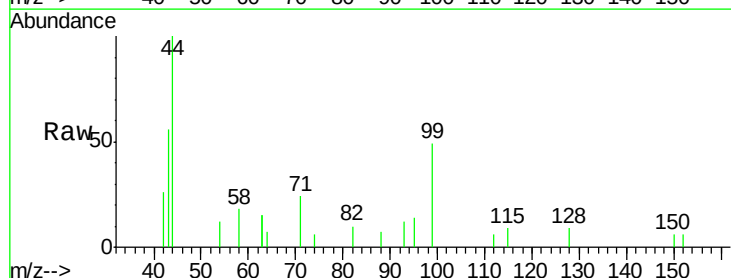
Tgt Ion: 99 Resp: 846

Ion Ratio Lower Upper

99 100

42 27.9 19.9 29.9

71 45.7 27.8 41.8#

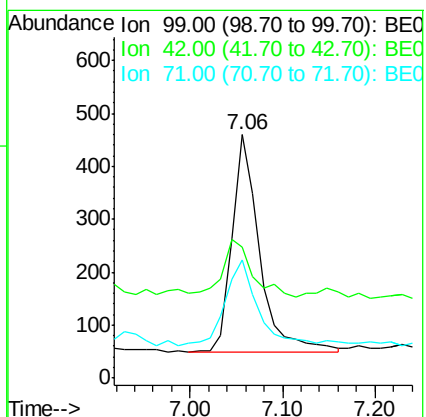
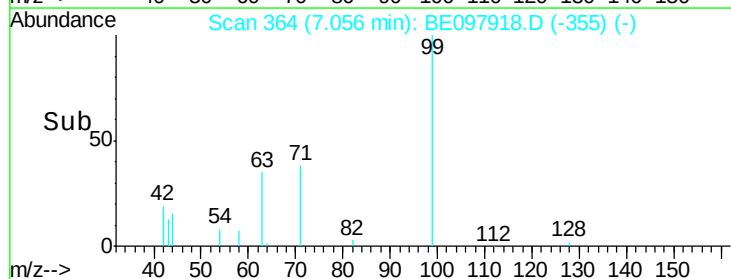


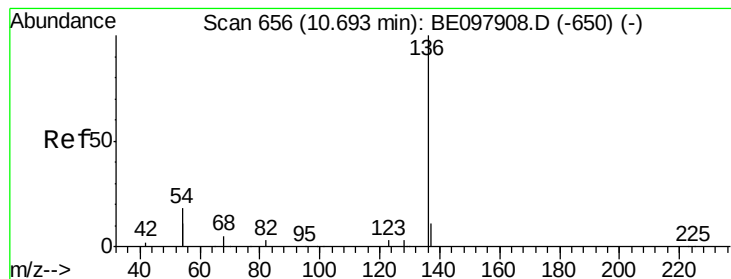
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

RE-126D3-20181008

Tgt Ion:136 Resp: 7597

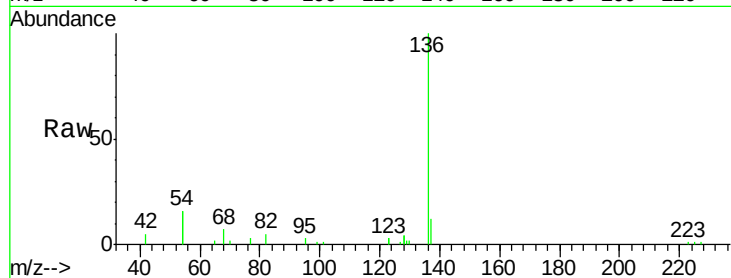
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 32.9 27.7 41.5

68 6.9 5.3 7.9

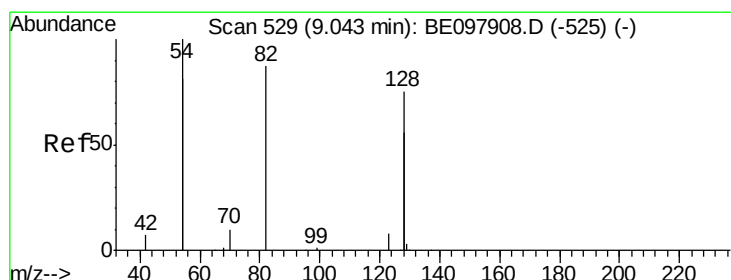
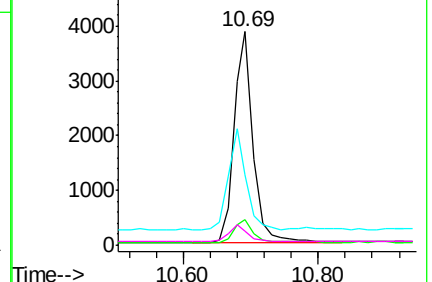
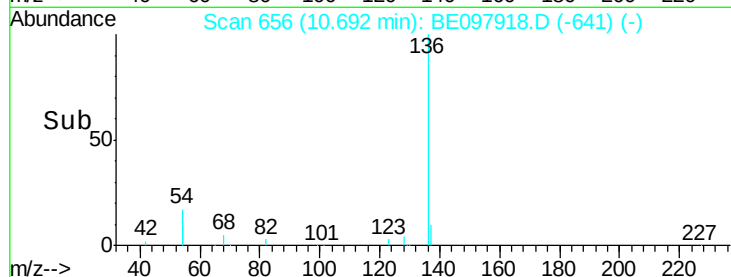


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

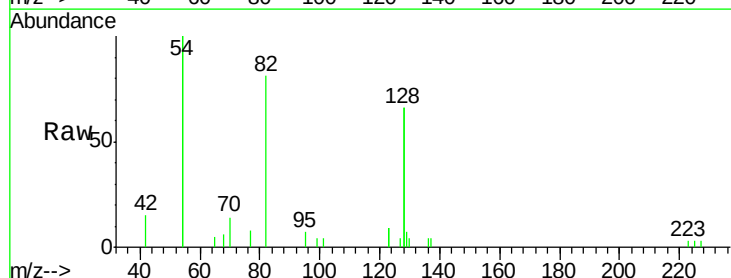
Tgt Ion: 82 Resp: 2946

Ion Ratio Lower Upper

82 100

128 161.9 129.9 194.9

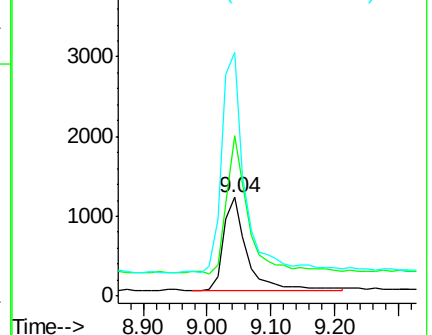
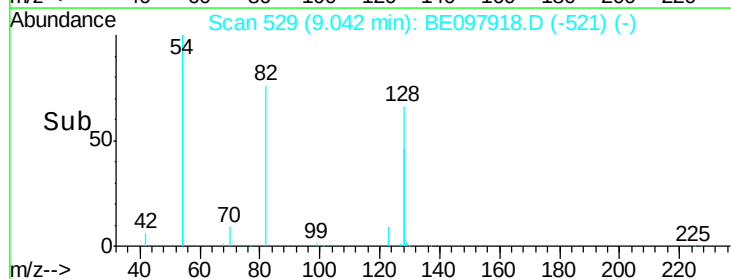
54 246.5 174.0 261.0

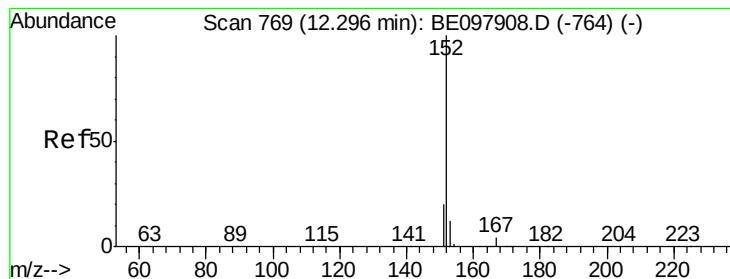


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

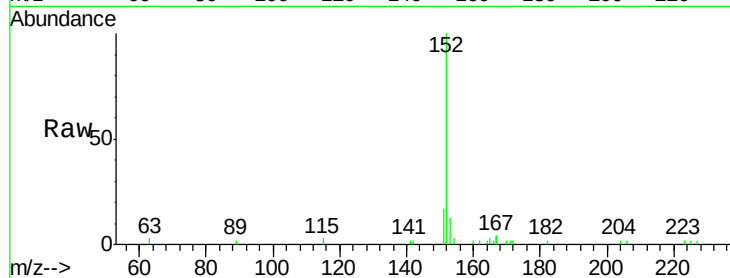
RE-126D3-20181008

Tgt Ion:152 Resp: 5280

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

2500

2000

1500

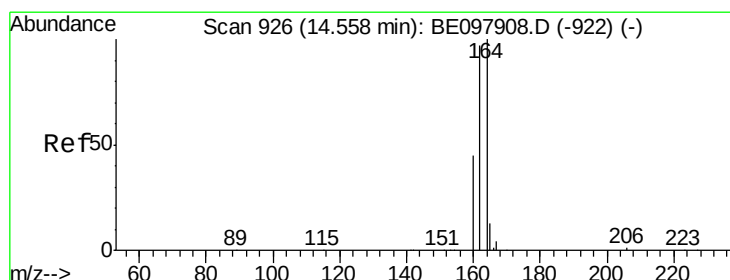
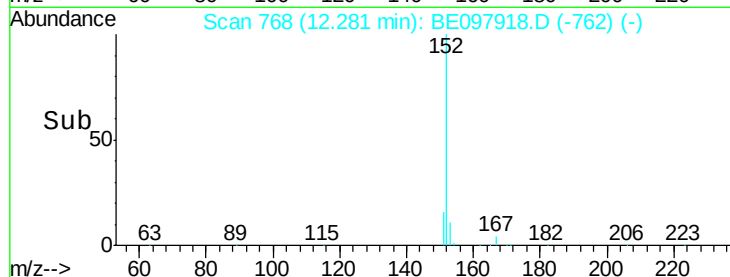
1000

500

0

Time-->

12.20 12.30 12.40 12.50



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

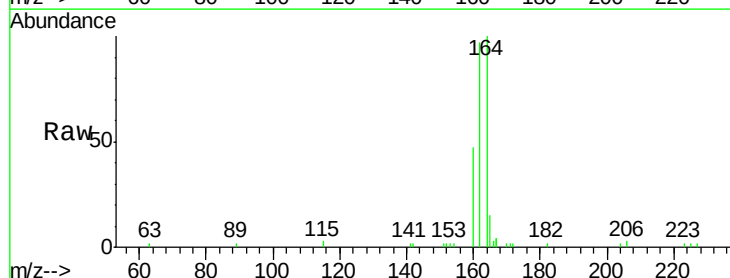
Tgt Ion:164 Resp: 5096

Ion Ratio Lower Upper

164 100

162 96.7 77.4 116.2

160 47.0 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

14.56

4000

3000

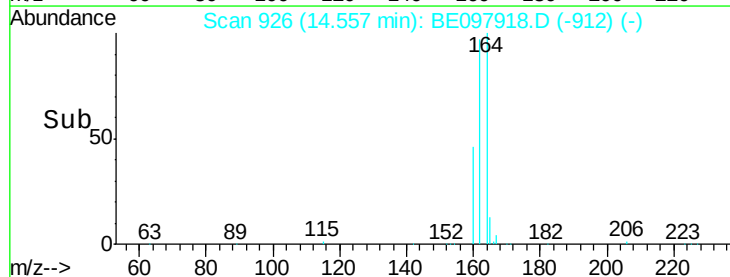
2000

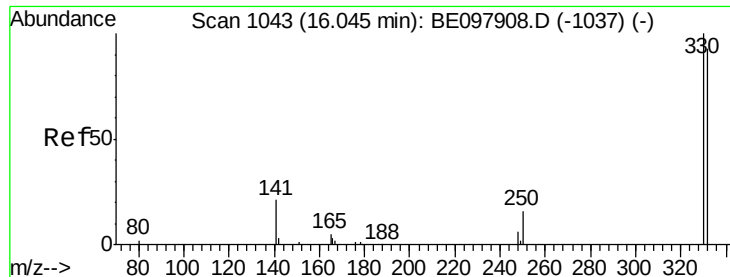
1000

0

Time-->

14.40 14.60

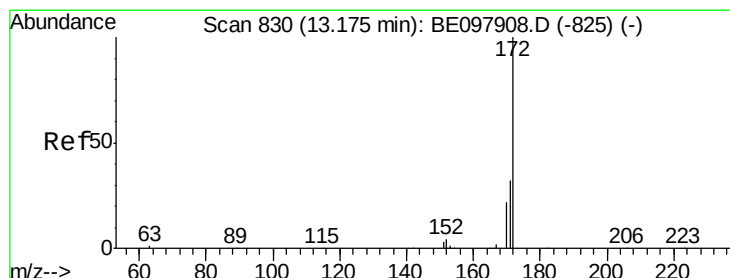
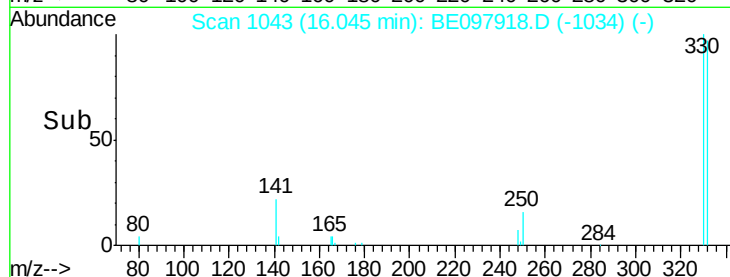
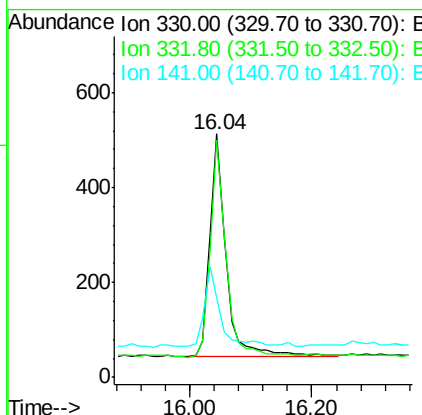
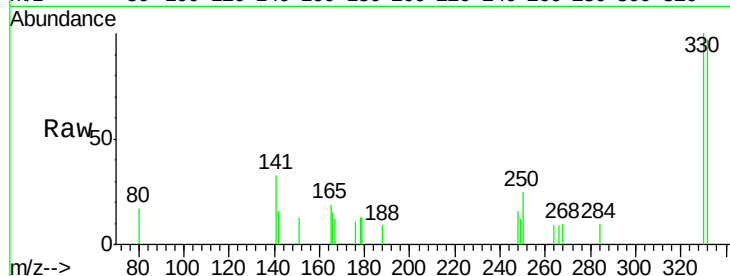




#14
 2,4,6-Tribromophenol
 Concen: 0.313 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097918.D
 Acq: 16 Oct 2018 20:07

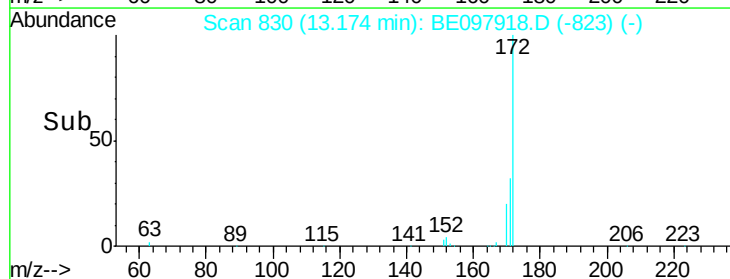
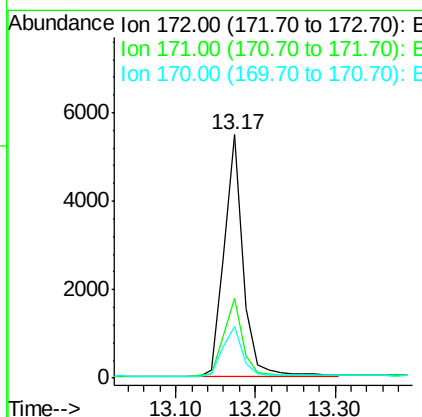
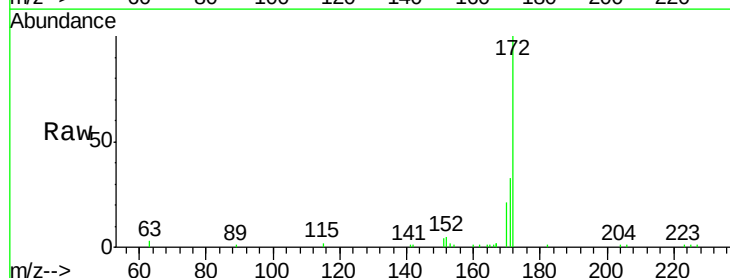
Instrument :
 BNA_E
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 RE-126D3-20181008

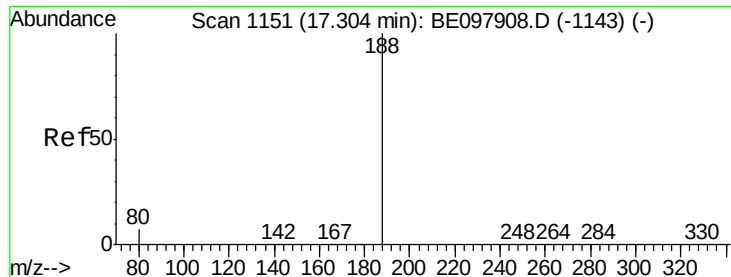
Tgt Ion: 330 Resp: 858
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.5 114.7
 141 35.0 31.8 47.6



#15
 2-Fluorobiphenyl
 Concen: 0.430 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097918.D
 Acq: 16 Oct 2018 20:07

Tgt Ion: 172 Resp: 8961
 Ion Ratio Lower Upper
 172 100
 171 32.5 26.0 39.0
 170 20.9 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

RE-126D3-20181008

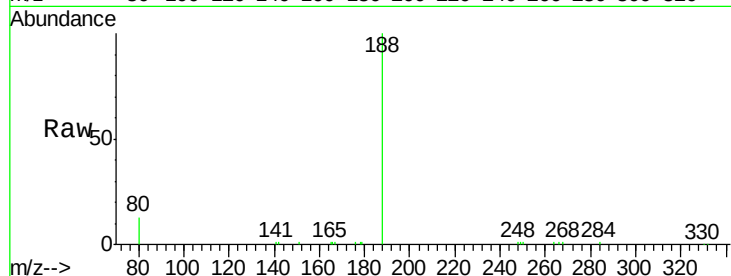
Tgt Ion:188 Resp: 15592

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

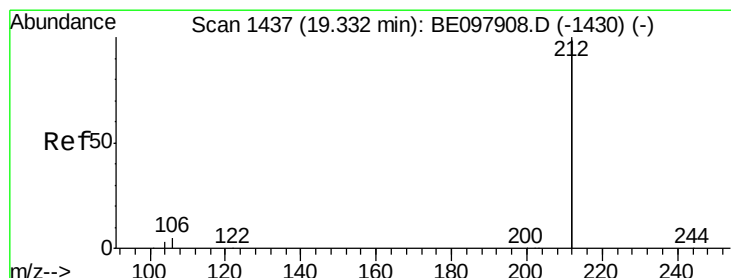
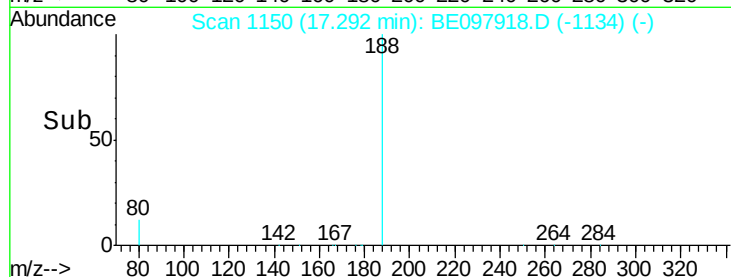
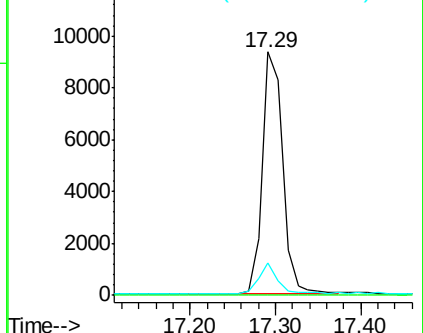
80 13.2 6.3 9.5#



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: 0.456 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

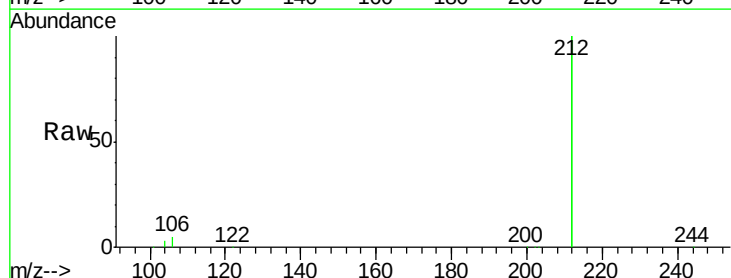
Tgt Ion:212 Resp: 96375

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

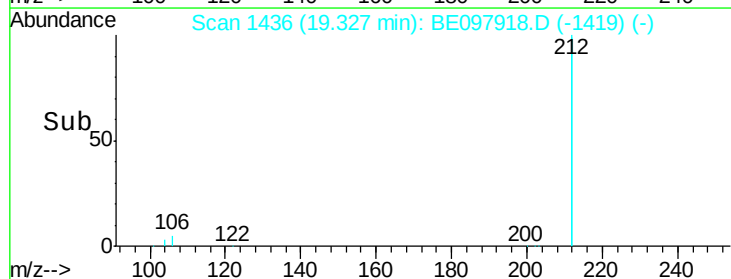
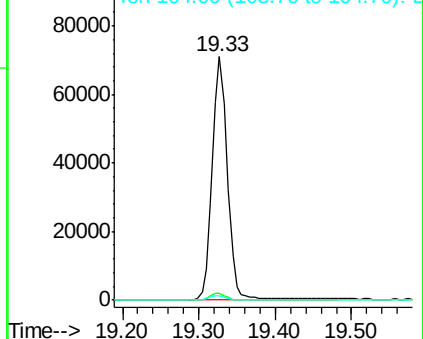
104 1.6 1.3 1.9

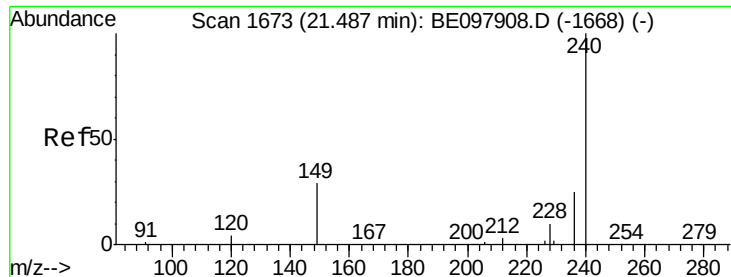


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

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RE-126D3-20181008

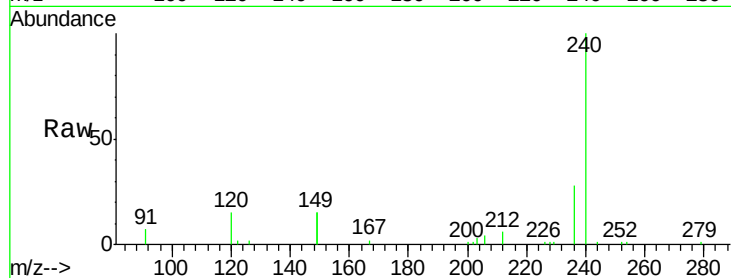
Tgt Ion:240 Resp: 19090

Ion Ratio Lower Upper

240 100

120 14.7 7.1 10.7#

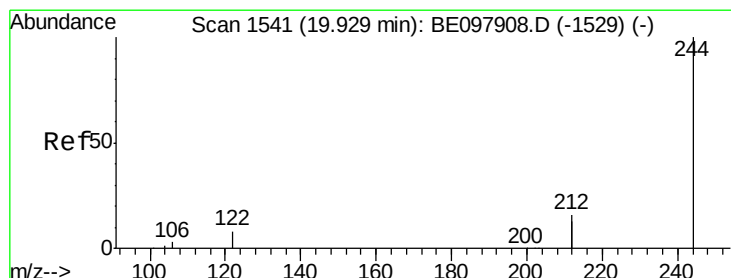
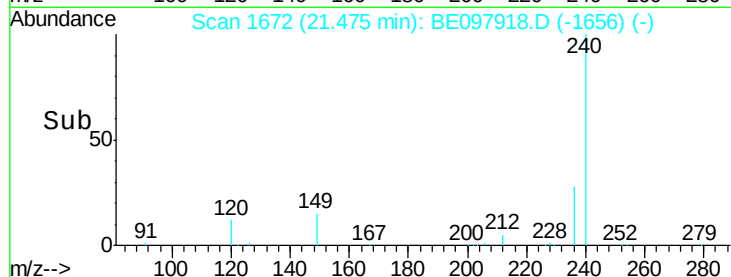
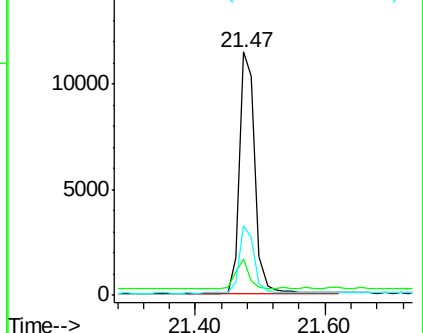
236 28.4 21.3 31.9



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: 0.722 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BE097918.D

Acq: 16 Oct 2018 20:07

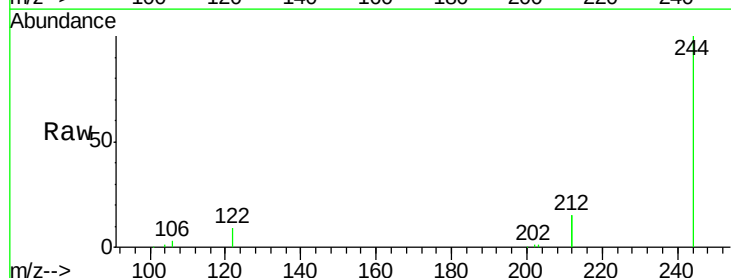
Tgt Ion:244 Resp: 31583

Ion Ratio Lower Upper

244 100

212 30.4 26.2 39.2

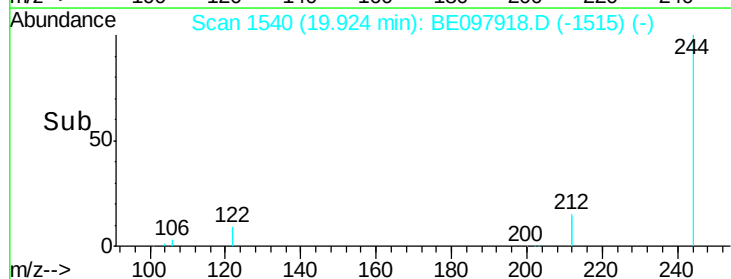
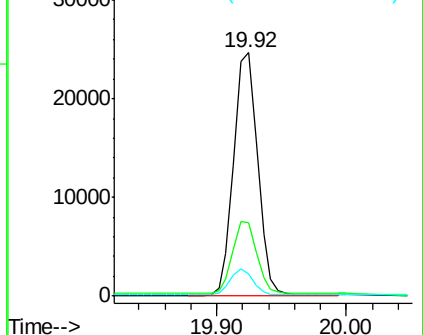
122 9.0 7.7 11.5

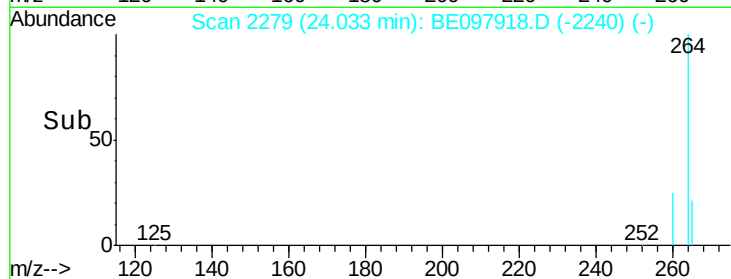
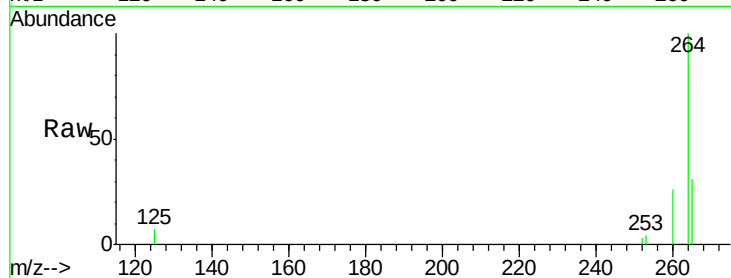
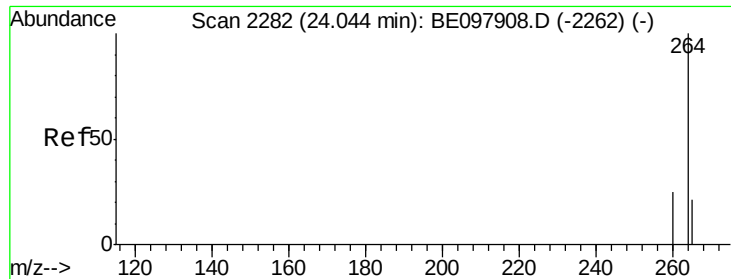


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE097918.D

Acq: 16 Oct 2018 20:07

Instrument :

BNA_E

ClientSampleId :

RE-126D3-20181008

Tgt Ion:264 Resp: 15954

Ion Ratio Lower Upper

264 100

260 25.7 21.1 31.7

265 31.3 29.2 43.8

