

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
 Data File : BE097963.D
 Acq On : 18 Oct 2018 1:03
 Operator : SJ/JU
 Sample : J5317-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D2-20181005

Quant Time: Oct 18 11:20:03 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

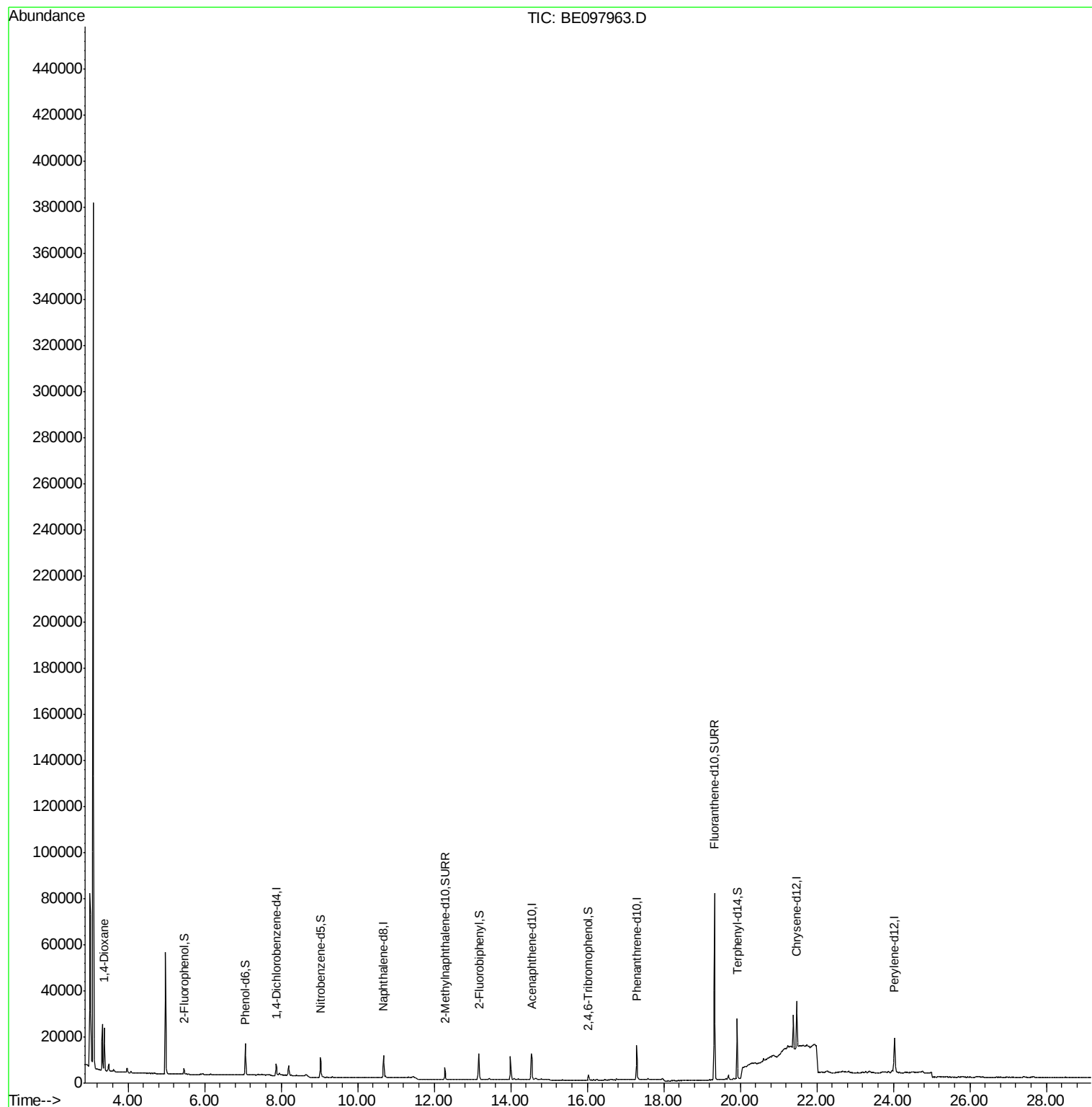
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2220	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	10328	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	7305	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	19474	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	22291	0.40	ng	-0.01
34) Perylene-d12	24.03	264	21963	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1279	0.18	ng	0.00
5) Phenol-d6	7.05	99	1177	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	3647	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	6650	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	1439	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	13030	0.44	ng	0.00
25) Fluoranthene-d10	19.33	212	99041	0.38	ng	0.00
29) Terphenyl-d14	19.92	244	22488	0.44	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	10217	2.640	ng	Qvalue 95

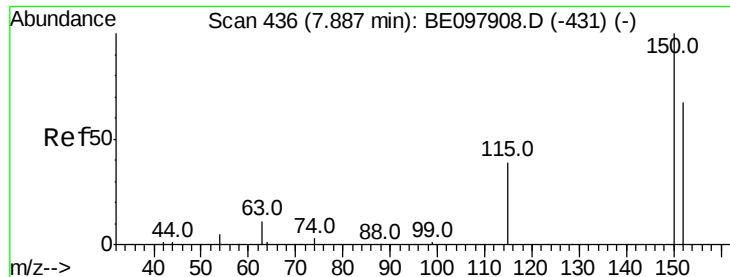
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

Instrument :

BNA_E

ClientSampleId :

RE-109D2-20181005

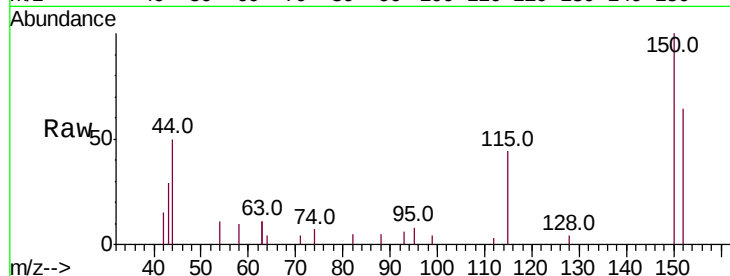
Tot Ion:152 Resp: 2220

Ion Ratio Lower Upper

152 100

150 155.6 118.2 177.4

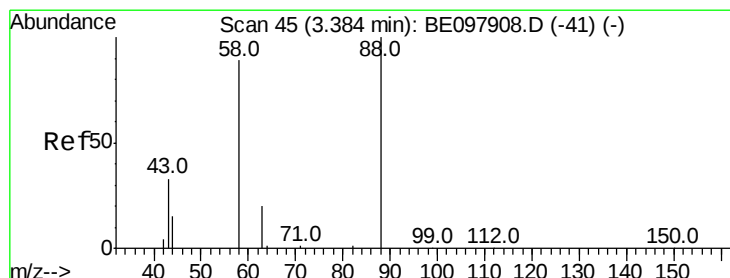
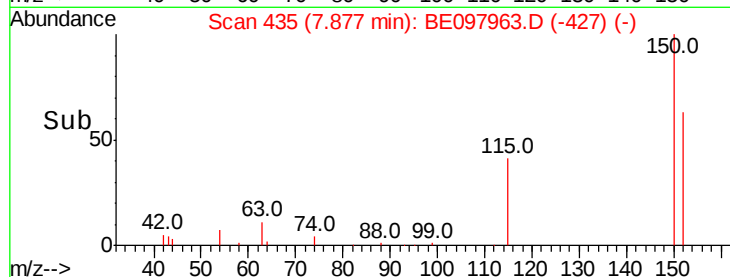
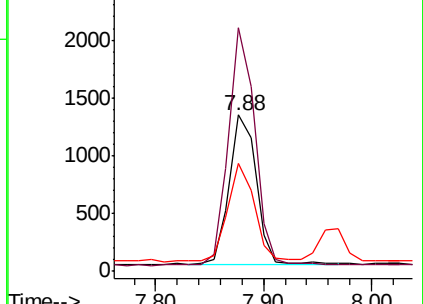
115 68.7 50.9 76.3



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: 2.640 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

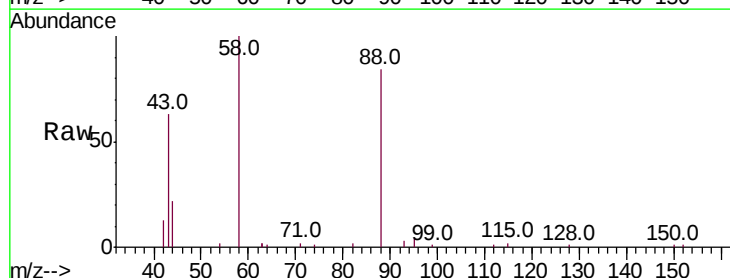
Tgt Ion: 88 Resp: 10217

Ion Ratio Lower Upper

88 100

58 88.1 73.2 109.8

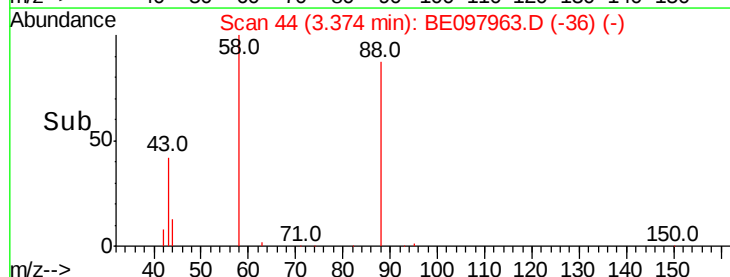
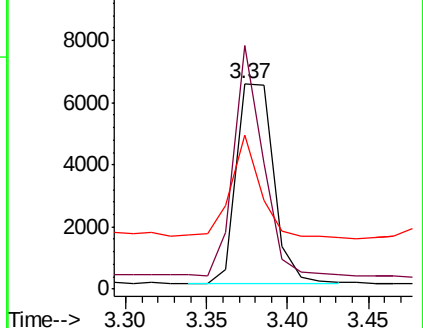
43 41.2 36.9 55.3

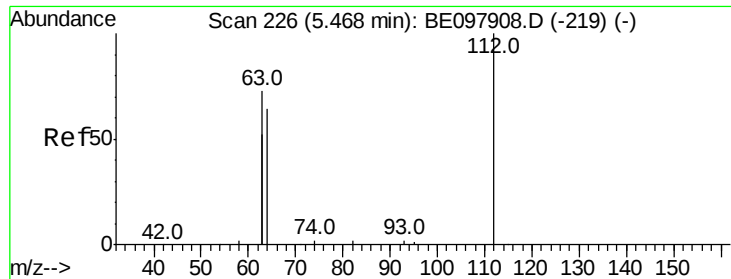


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

Instrument :

BNA_E

ClientSampleId :

RE-109D2-20181005

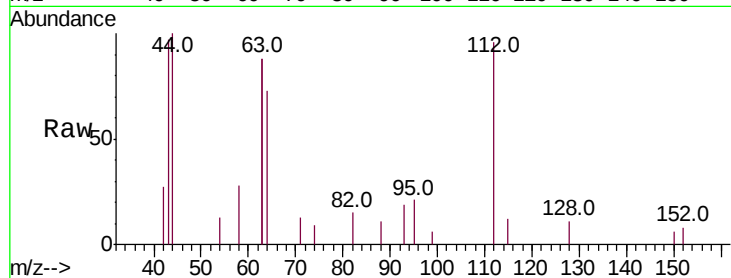
Tot Ion:112 Resp: 1279

Ion Ratio Lower Upper

112 100

64 71.3 58.9 88.3

63 152.2 120.3 180.5



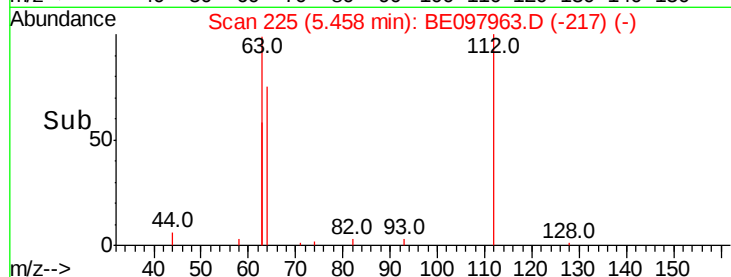
Abundance Ion 112.00 (111.70 to 112.70): BE097908.D (-219) (-)

Ion 64.00 (63.70 to 64.70): BE097908.D (-219) (-)

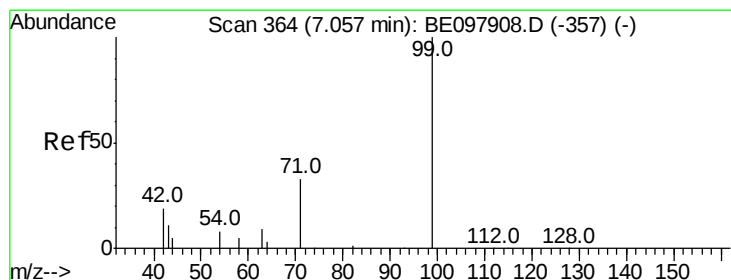
Ion 63.00 (62.70 to 63.70): BE097908.D (-219) (-)

Time-->

5.46



Time-->



#5

Phenol-d6

Concen: 0.114 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

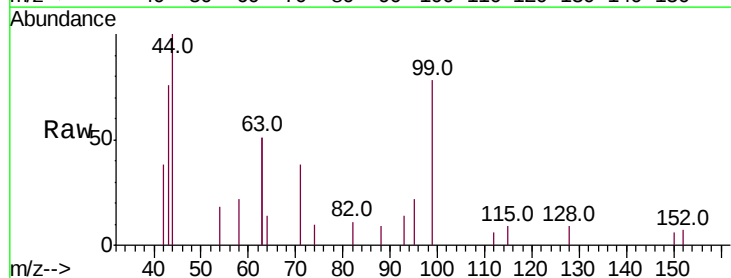
Tgt Ion: 99 Resp: 1177

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

71 45.7 27.8 41.8#



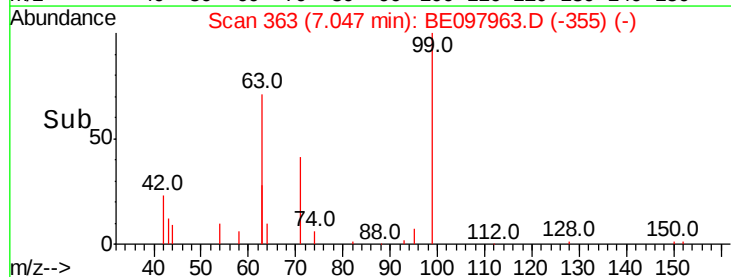
Abundance Ion 99.00 (98.70 to 99.70): BE097908.D (-357) (-)

Ion 42.00 (41.70 to 42.70): BE097908.D (-357) (-)

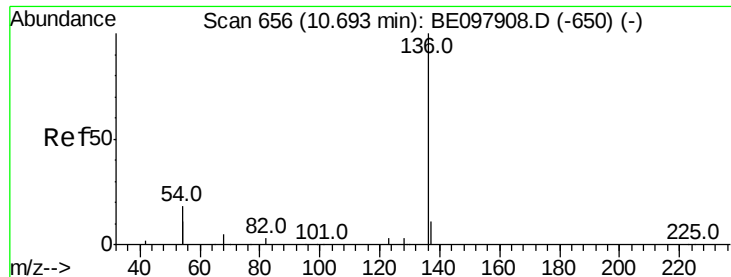
Ion 71.00 (70.70 to 71.70): BE097908.D (-357) (-)

Time-->

7.05



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

Instrument :

BNA_E

ClientSampleId :

RE-109D2-20181005

Tot Ion:136 Resp: 10328

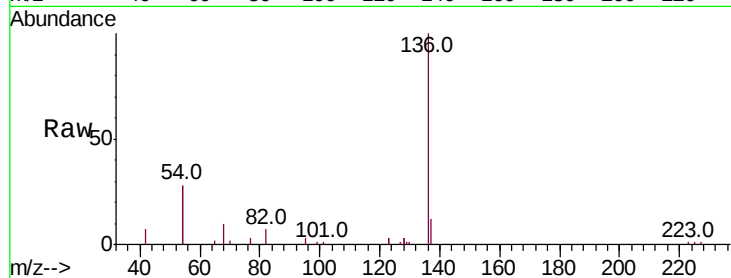
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 56.7 27.7 41.5#

68 10.4 5.3 7.9#

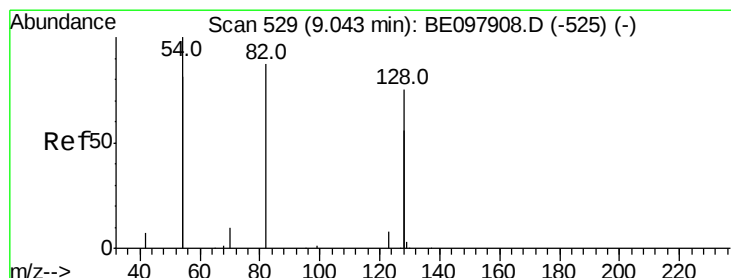
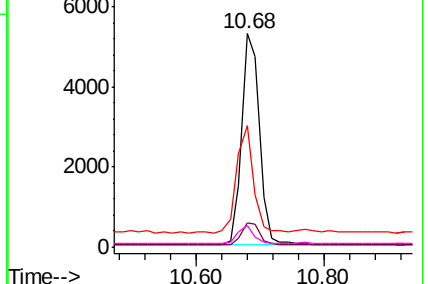
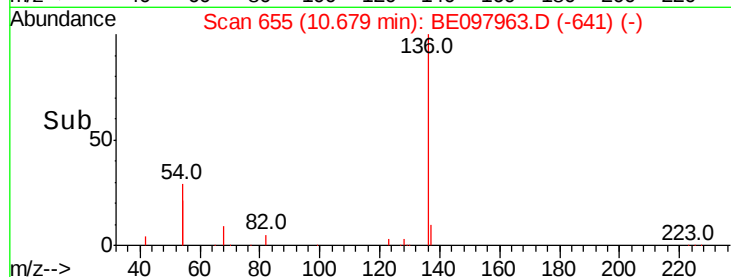


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

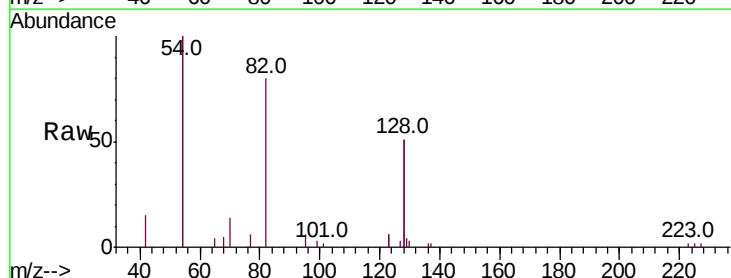
Tgt Ion: 82 Resp: 3647

Ion Ratio Lower Upper

82 100

128 127.7 129.9 194.9#

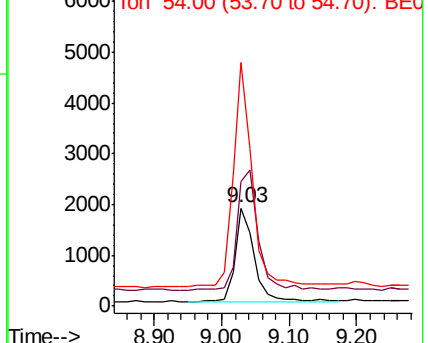
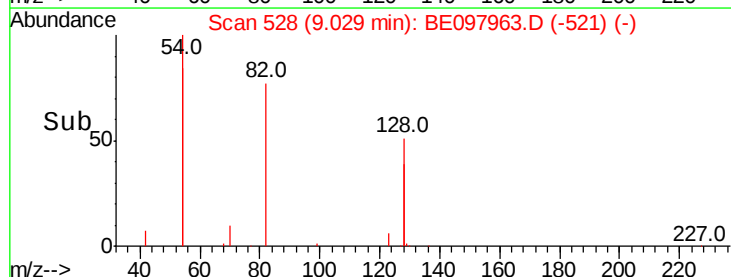
54 248.9 174.0 261.0

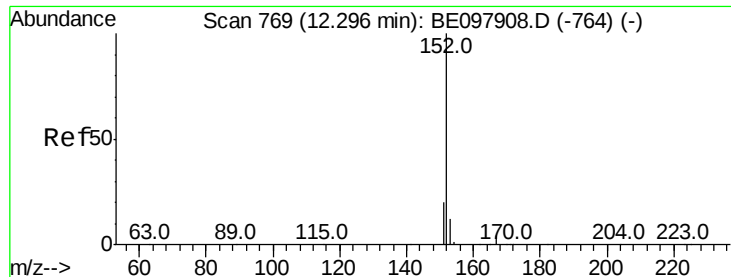


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

Instrument :

BNA_E

ClientSampleId :

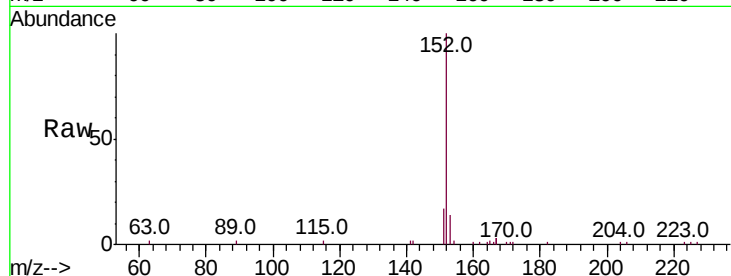
RE-109D2-20181005

Tot Ion:152 Resp: 6650

Ion Ratio Lower Upper

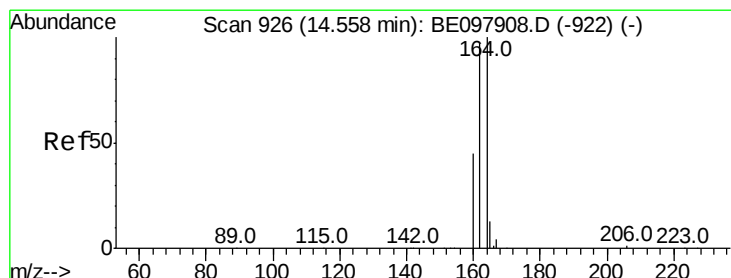
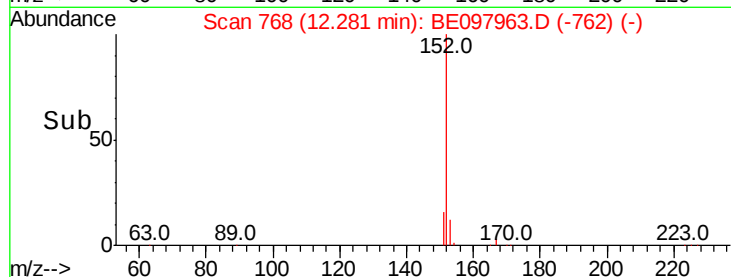
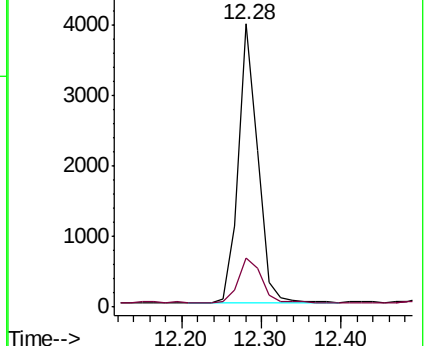
152 100

151 19.6 16.2 24.4



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: 14.54 min Scan# 925

Delta R.T. -0.02 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

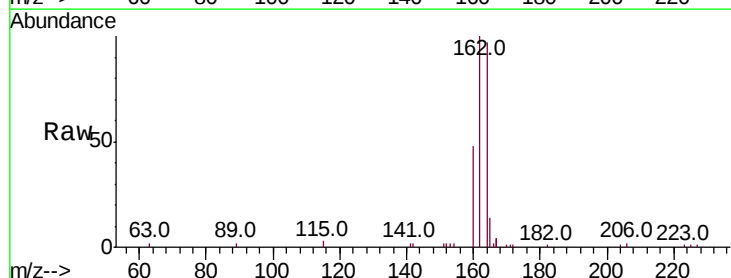
Tgt Ion:164 Resp: 7305

Ion Ratio Lower Upper

164 100

162 103.2 77.4 116.2

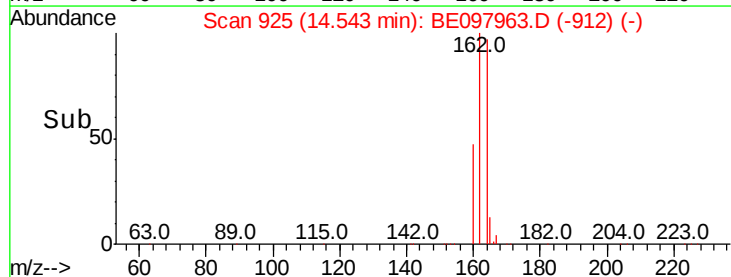
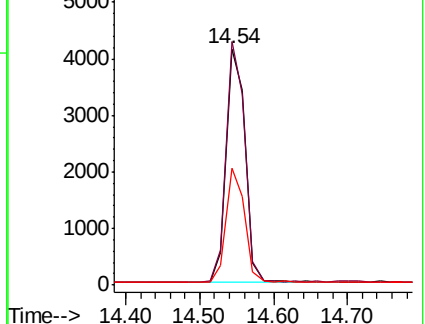
160 49.4 36.5 54.7

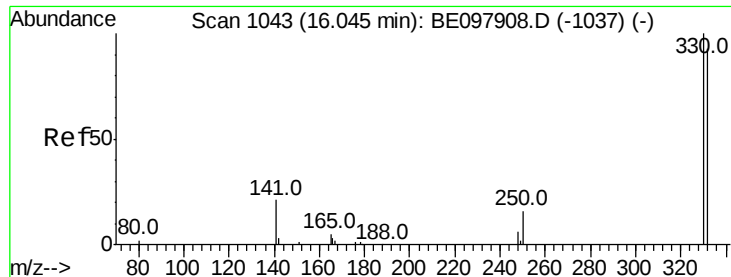


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

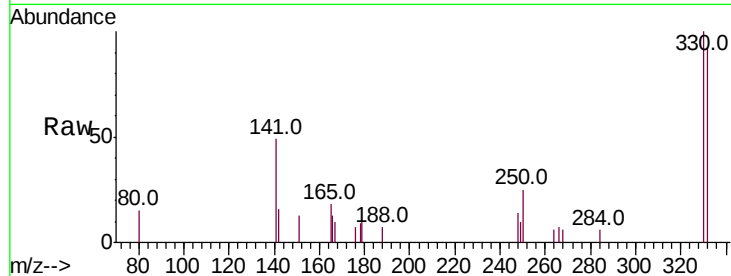




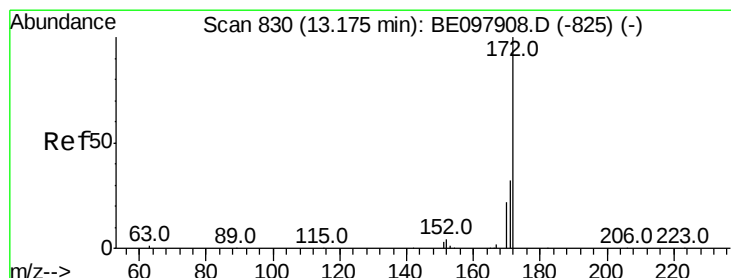
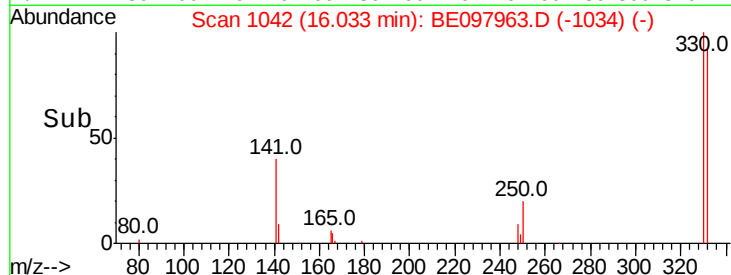
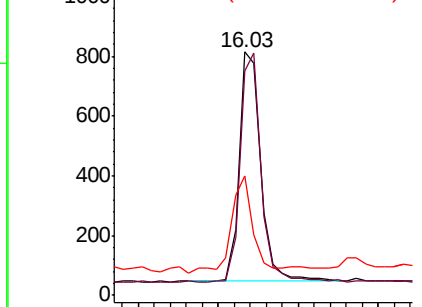
#14
 2,4,6-Tribromophenol
 Concen: 0.366 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097963.D
 Acq: 18 Oct 2018 1:03

Instrument :
 BNA_E
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 RE-109D2-20181005

Tot Ion:330 Resp: 1439
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.5 114.7
 141 43.1 31.8 47.6

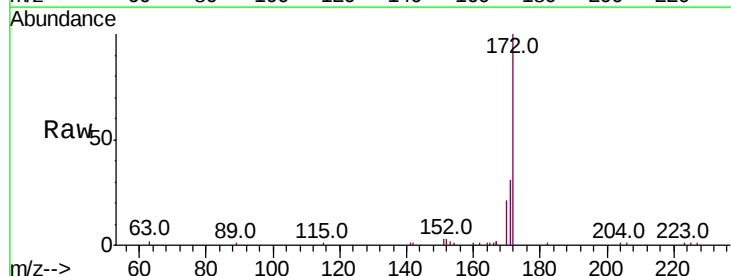


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

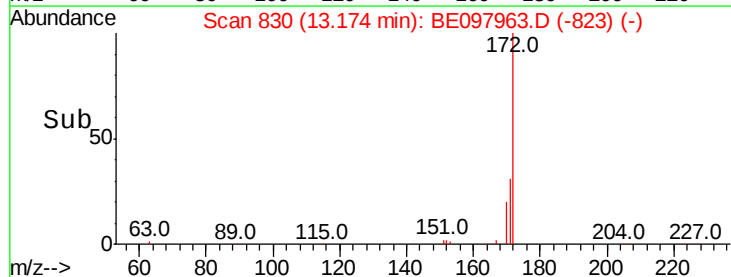
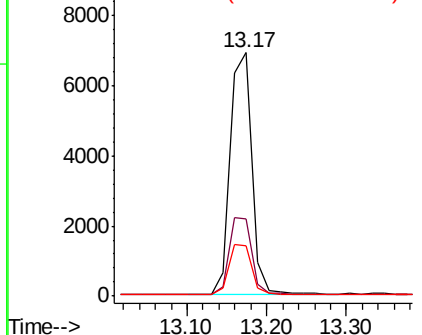


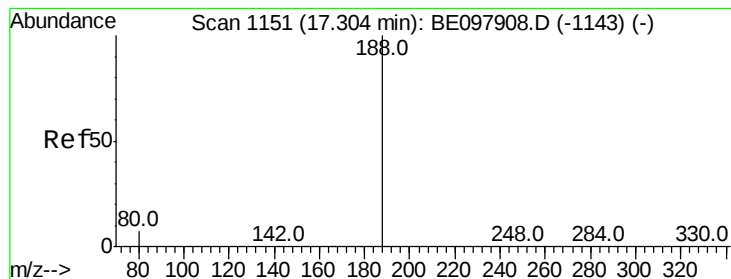
#15
 2-Fluorobiphenyl
 Concen: 0.436 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097963.D
 Acq: 18 Oct 2018 1:03

Tgt Ion:172 Resp: 13030
 Ion Ratio Lower Upper
 172 100
 171 31.5 26.0 39.0
 170 20.8 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: BE097963.D

Acq: 18 Oct 2018 1:03

Instrument :

BNA_E

ClientSampleId :

RE-109D2-20181005

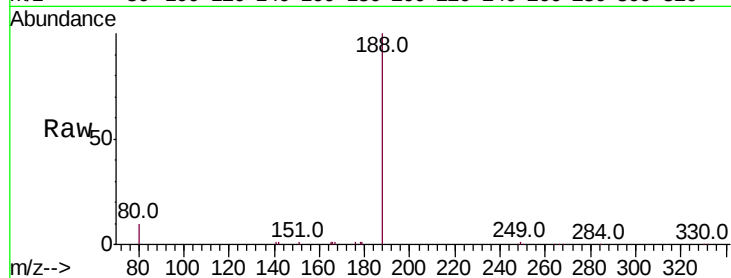
Tot Ion:188 Resp: 19474

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

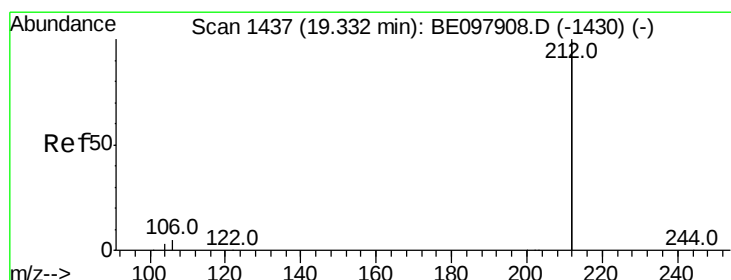
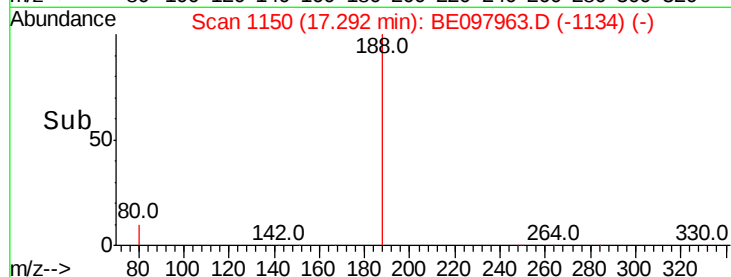
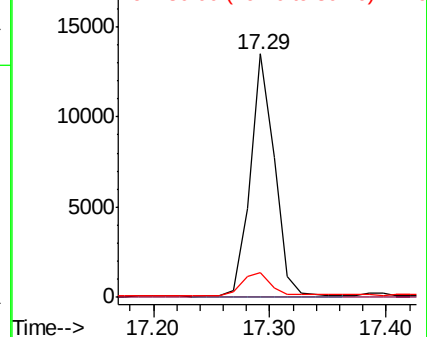
80 10.4 6.3 9.5#



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: 0.375 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

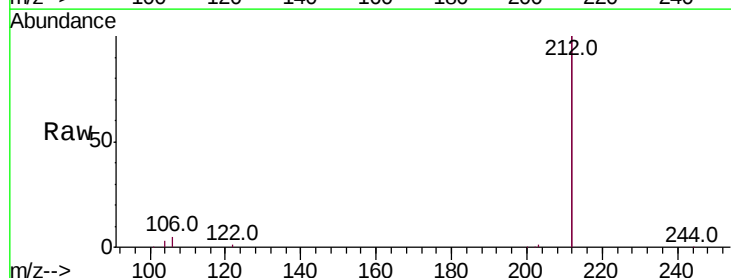
Tgt Ion:212 Resp: 99041

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

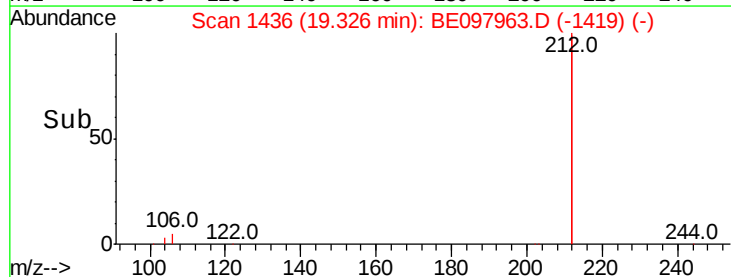
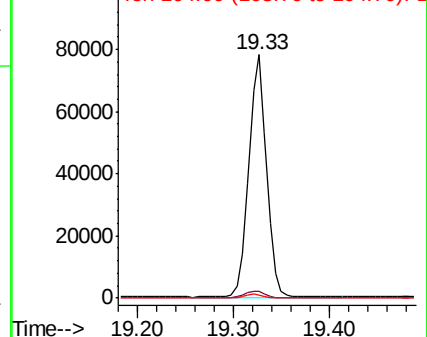
104 1.6 1.3 1.9

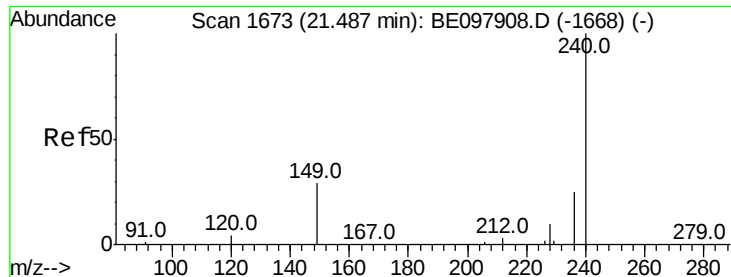


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097963.D

Acq: 18 Oct 2018 1:03

Instrument :

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RE-109D2-20181005

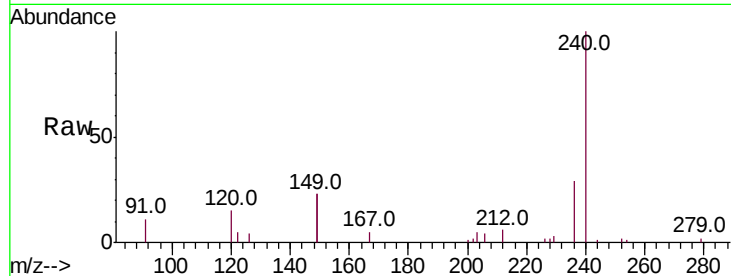
Tot Ion:240 Resp: 22291

Ion Ratio Lower Upper

240 100

120 15.1 7.1 10.7#

236 29.0 21.3 31.9

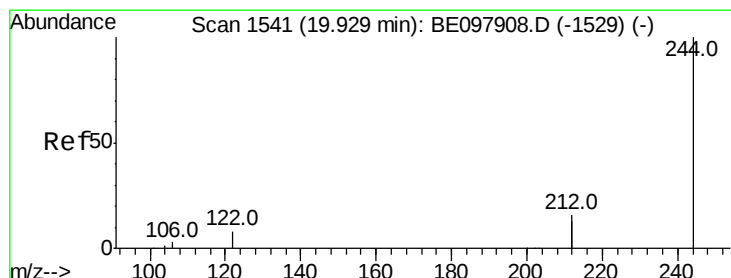
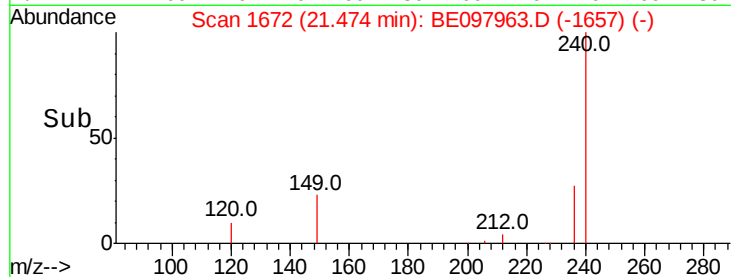
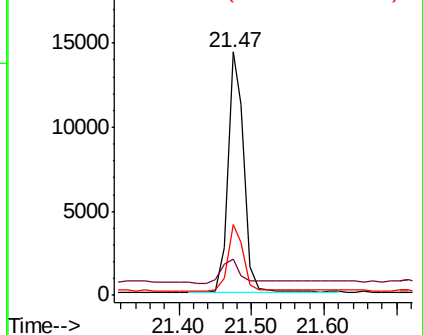


Abundance

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: 0.440 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

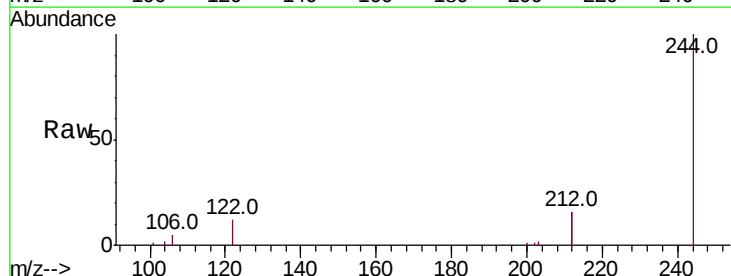
Tgt Ion:244 Resp: 22488

Ion Ratio Lower Upper

244 100

212 32.6 26.2 39.2

122 11.9 7.7 11.5#

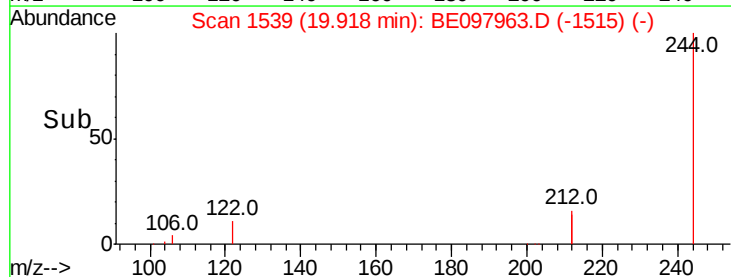
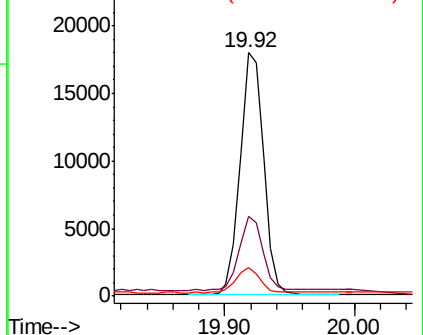


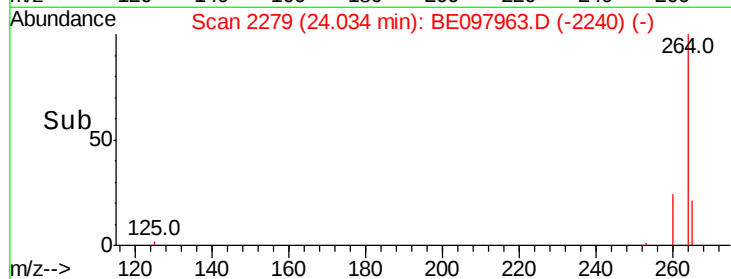
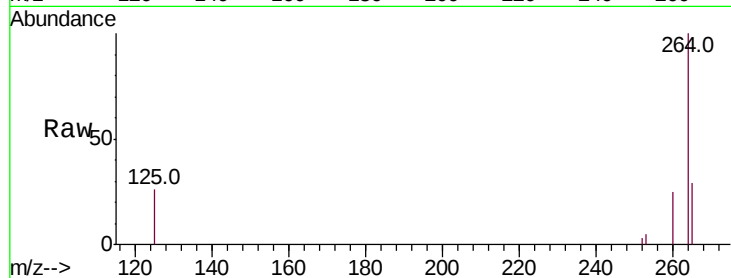
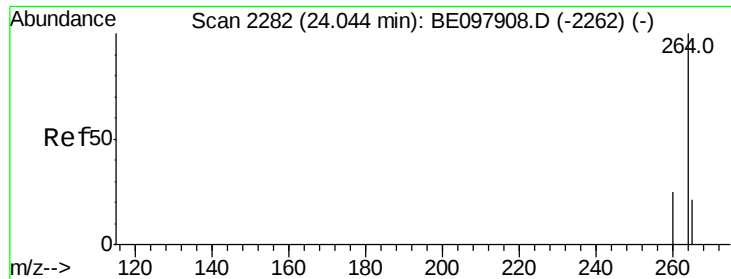
Abundance

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

Pervlene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097963.D

Acq: 18 Oct 2018 1:03

Instrument :

BNA_E

ClientSampleId :

RE-109D2-20181005

Tot Ion:264 Resp: 21963

Ion Ratio Lower Upper

264 100

260 25.4 21.1 31.7

265 28.5 29.2 43.8#

