

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097946.D
 Acq On : 17 Oct 2018 13:58
 Operator : SJ/JU
 Sample : J5317-09DL 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D1-IMP-20181004DL

Quant Time: Oct 17 17:22:25 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

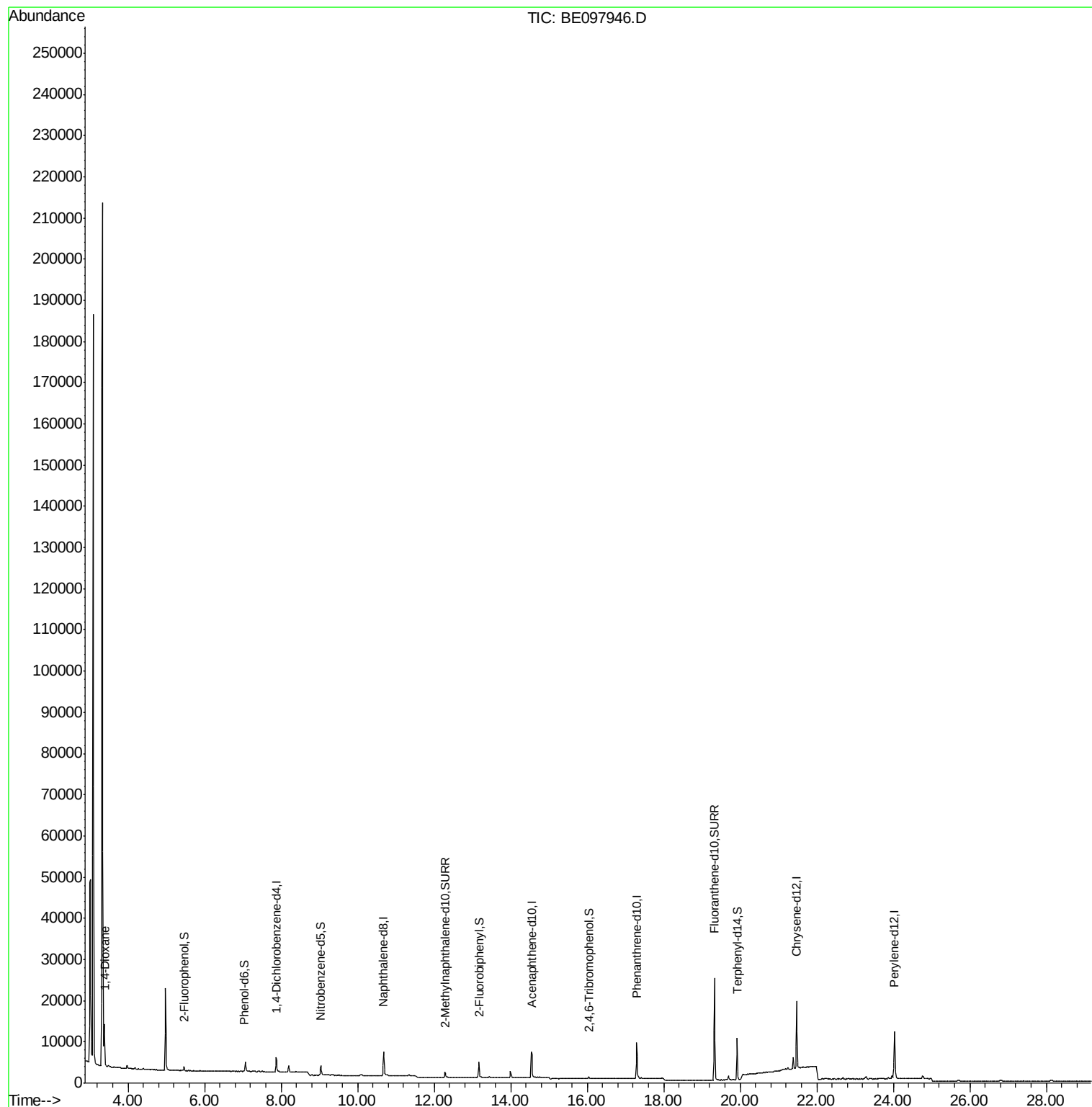
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1743	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	7076	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	4447	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	12283	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	16778	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17165	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	474	0.09	ng	-0.01
5) Phenol-d6	7.05	99	407	0.05	ng	-0.01
8) Nitrobenzene-d5	9.04	82	1283	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2203	0.19	ng	-0.02
14) 2,4,6-Tribromophenol	16.04	330	373	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4224	0.23	ng	0.00
25) Fluoranthene-d10	19.33	212	32980	0.20	ng	0.00
29) Terphenyl-d14	19.92	244	9140	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	5263	1.732	ng	Qvalue 93

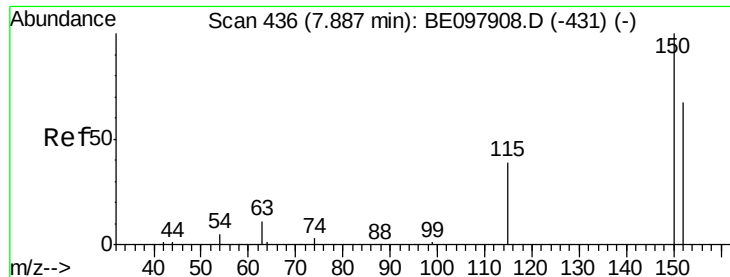
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097946.D
Acq On : 17 Oct 2018 13:58
Operator : SJ/JU
Sample : J5317-09DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-122D1-IMP-20181004DL

Quant Time: Oct 17 17:22:25 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. -0.01 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-IMP-20181004DL

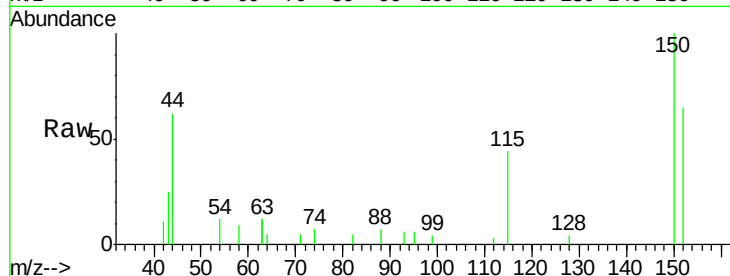
Tgt Ion:152 Resp: 1743

Ion Ratio Lower Upper

152 100

150 154.6 118.2 177.4

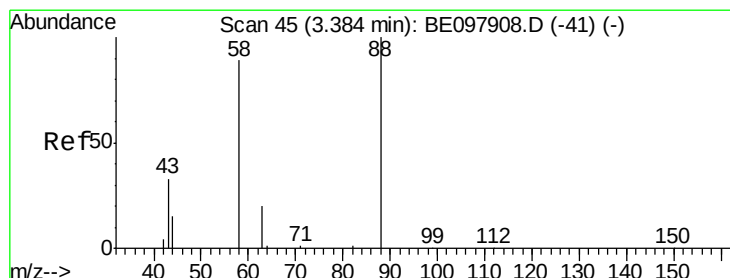
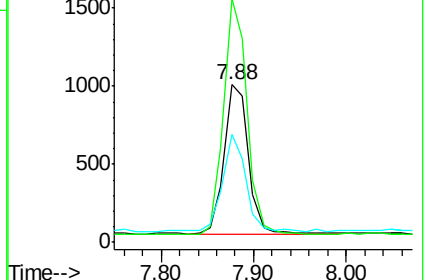
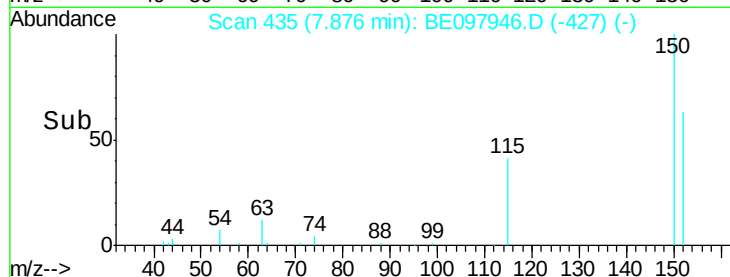
115 68.4 50.9 76.3



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: 1.732 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

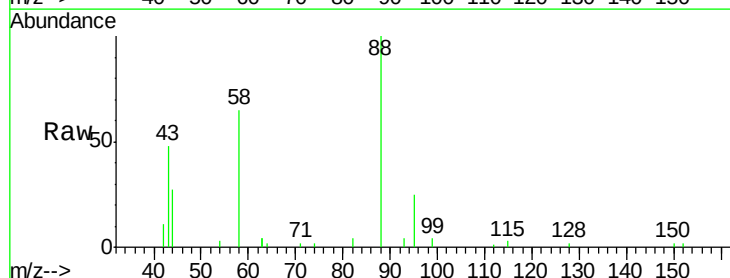
Tgt Ion: 88 Resp: 5263

Ion Ratio Lower Upper

88 100

58 85.3 73.2 109.8

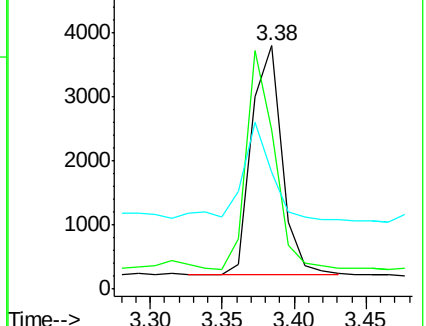
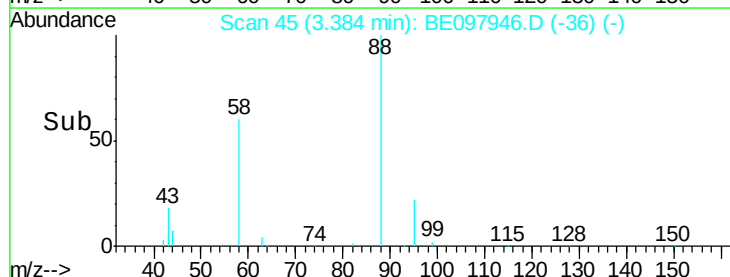
43 41.4 36.9 55.3

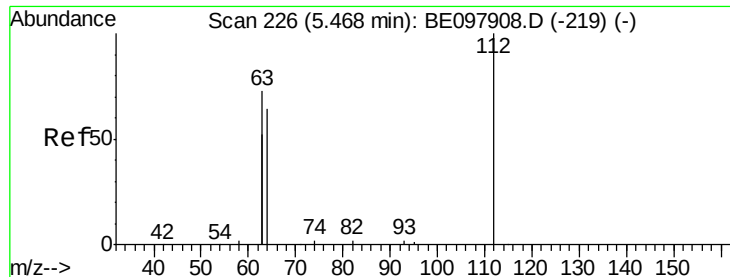


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.086 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-IMP-20181004DL

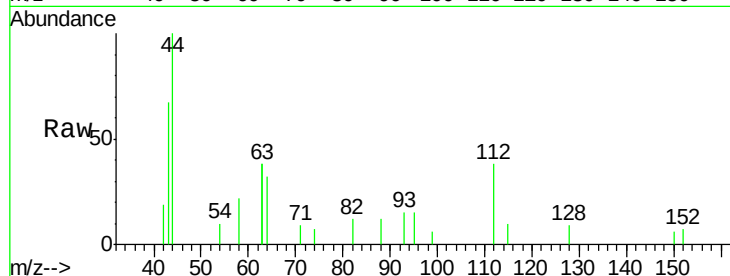
Tgt Ion: 112 Resp: 474

Ion Ratio Lower Upper

112 100

64 72.8 58.9 88.3

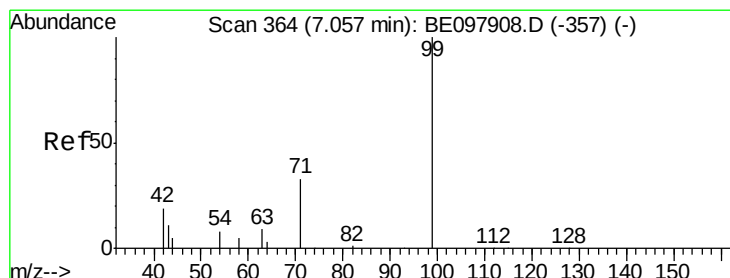
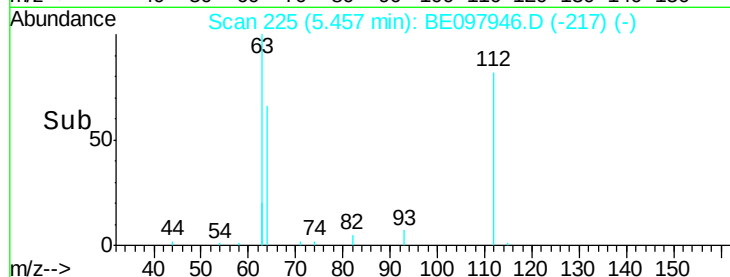
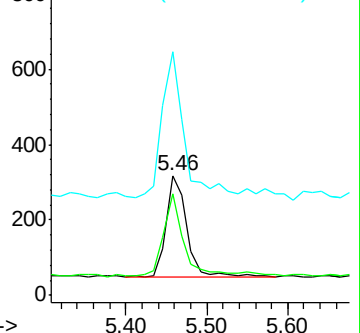
63 151.9 120.3 180.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.050 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

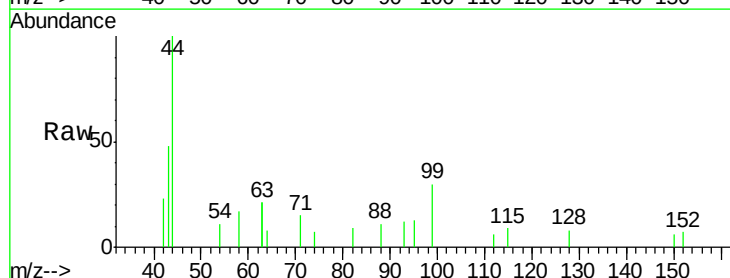
Tgt Ion: 99 Resp: 407

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

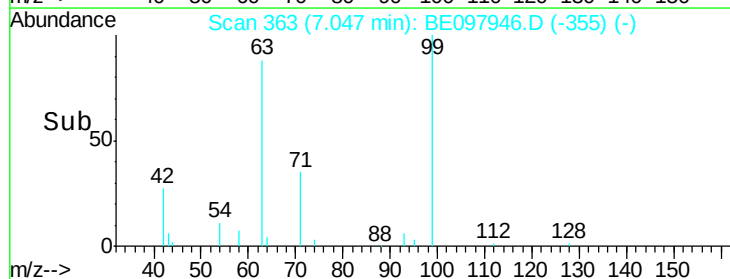
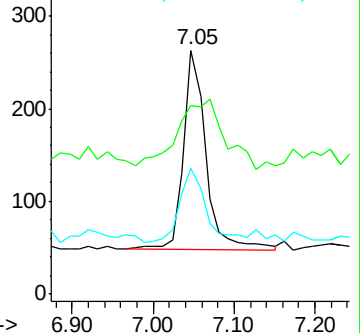
71 44.0 27.8 41.8#

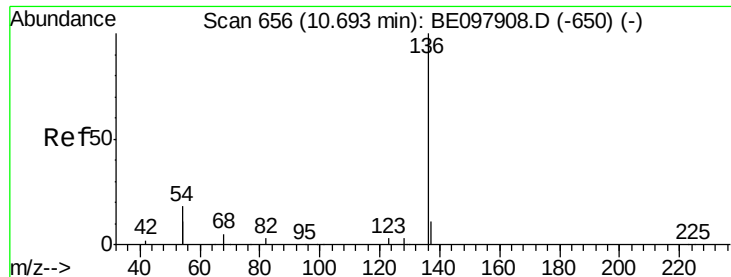


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-IMP-20181004DL

Tgt Ion:136 Resp: 7076

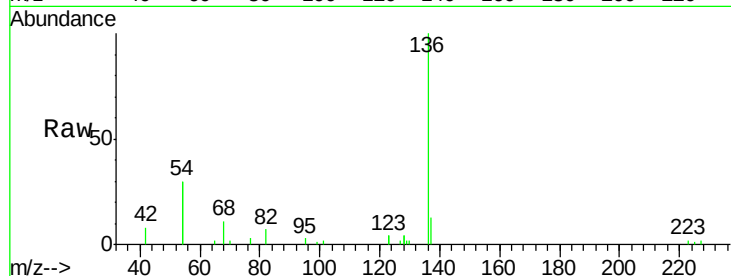
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 59.1 27.7 41.5#

68 10.7 5.3 7.9#

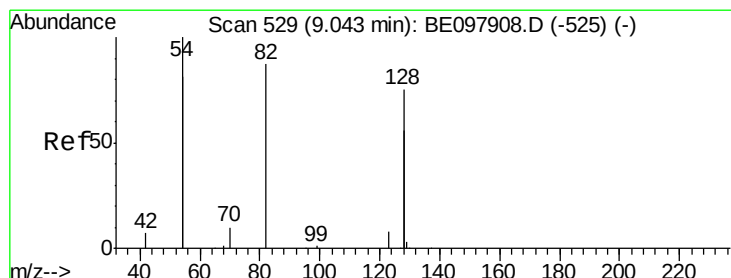
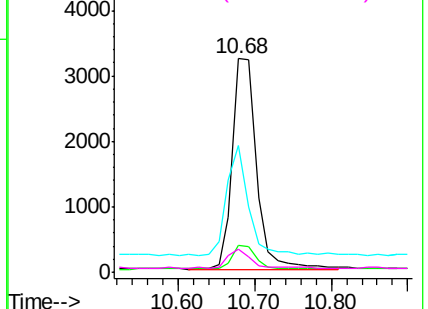
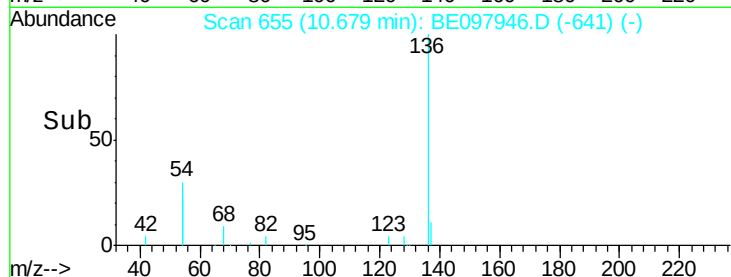


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.191 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

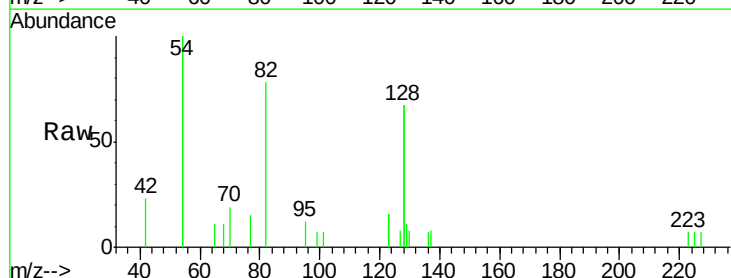
Tgt Ion: 82 Resp: 1283

Ion Ratio Lower Upper

82 100

128 171.4 129.9 194.9

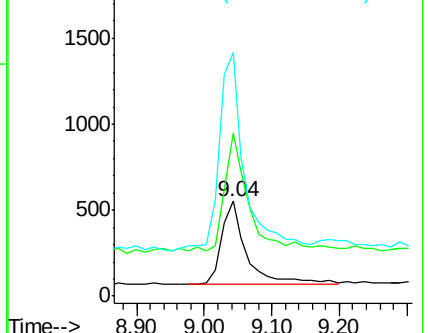
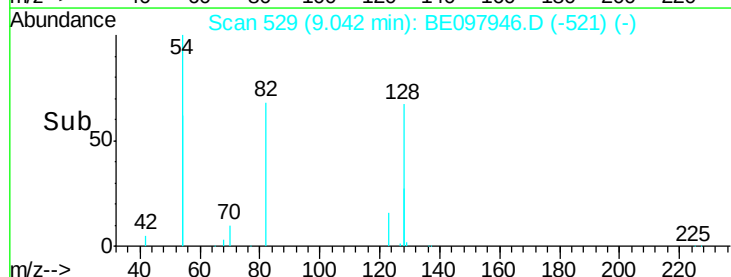
54 256.1 174.0 261.0

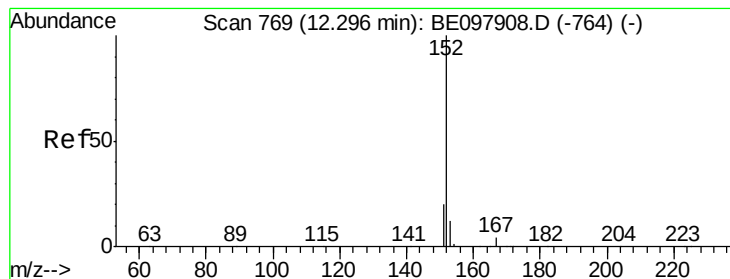


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.187 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

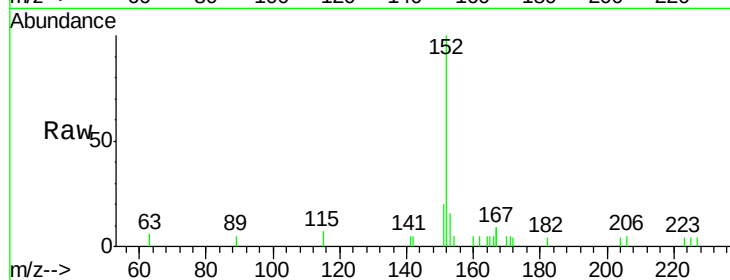
RE-122D1-IMP-20181004DL

Tgt Ion:152 Resp: 2203

Ion Ratio Lower Upper

152 100

151 17.9 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

1200

1000

800

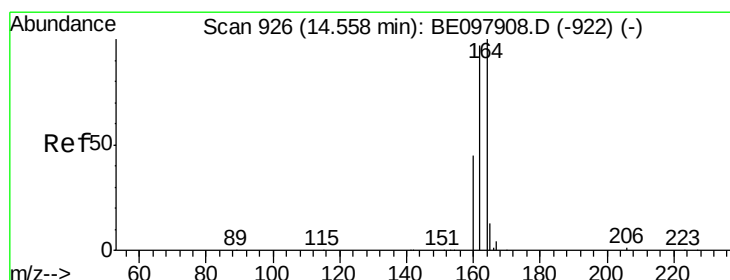
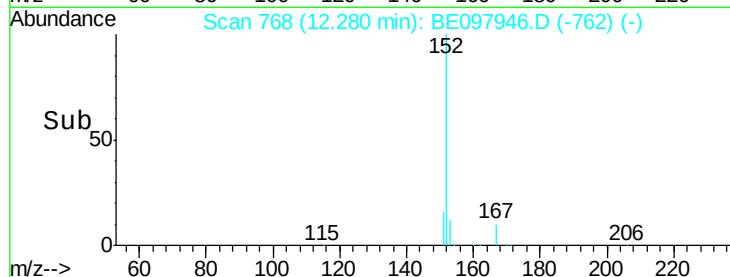
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.02 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

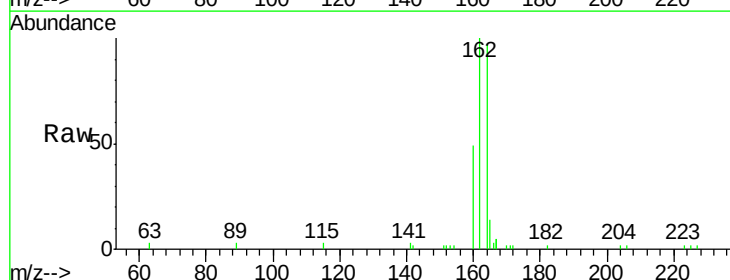
Tgt Ion:164 Resp: 4447

Ion Ratio Lower Upper

164 100

162 103.0 77.4 116.2

160 50.4 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

14.54

3000

2500

2000

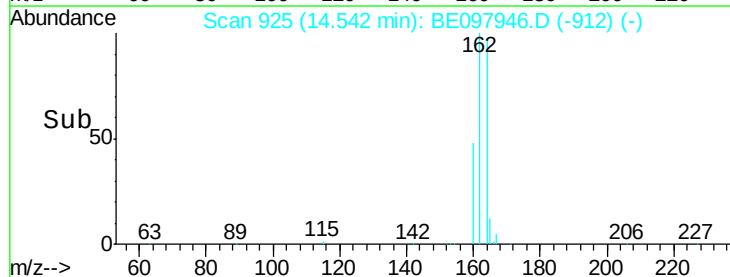
1500

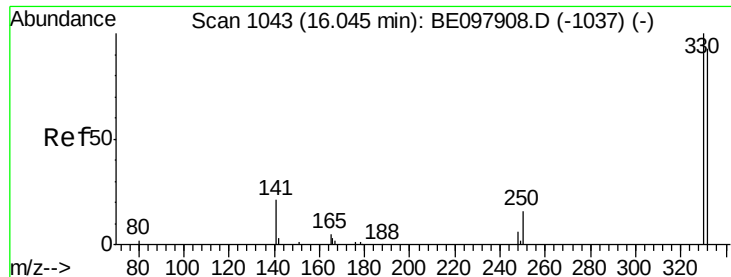
1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.156 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-IMP-20181004DL

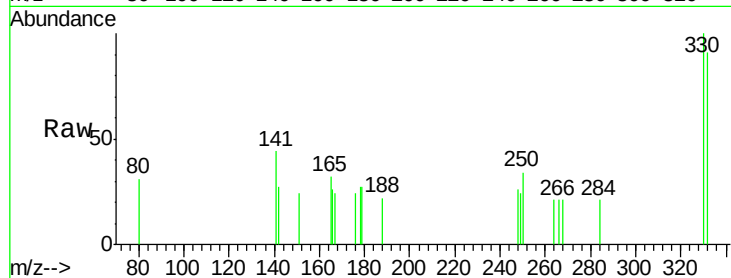
Tgt Ion:330 Resp: 373

Ion Ratio Lower Upper

330 100

332 82.6 76.5 114.7

141 33.8 31.8 47.6

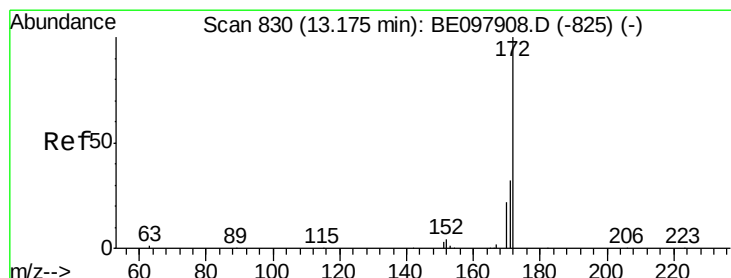
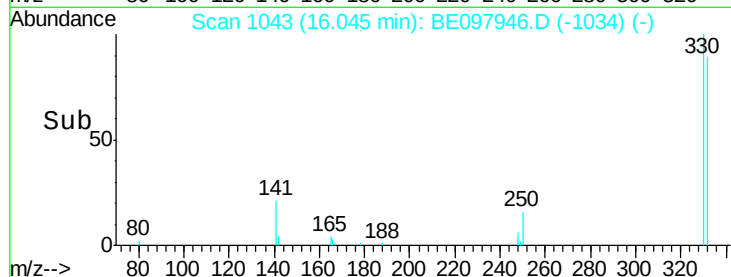
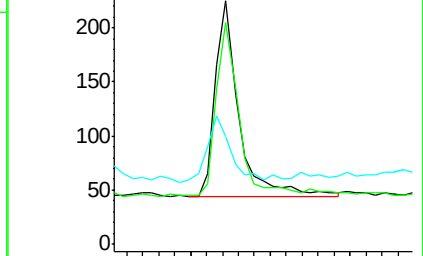


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.04



#15

2-Fluorobiphenyl

Concen: 0.232 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

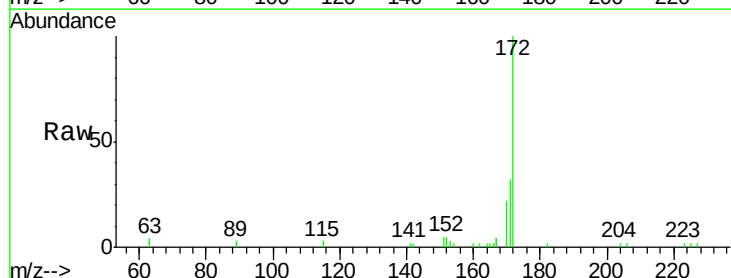
Tgt Ion:172 Resp: 4224

Ion Ratio Lower Upper

172 100

171 32.1 26.0 39.0

170 22.4 18.0 27.0

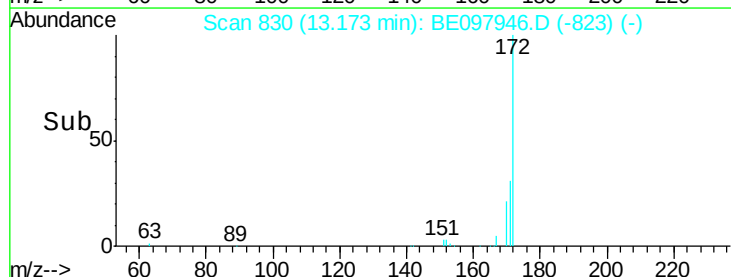
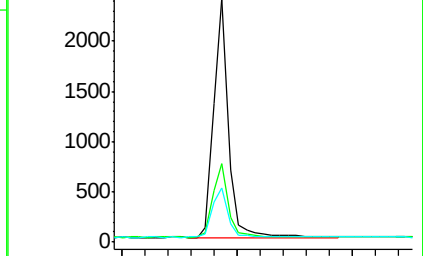


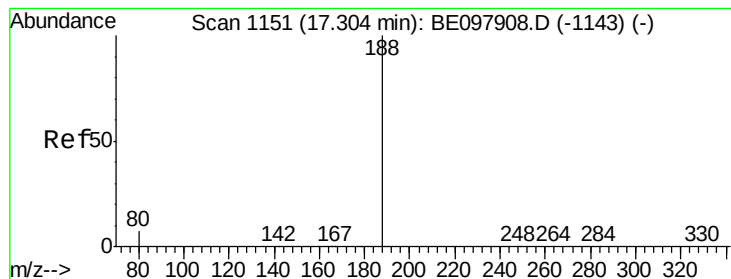
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

13.17





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-IMP-20181004DL

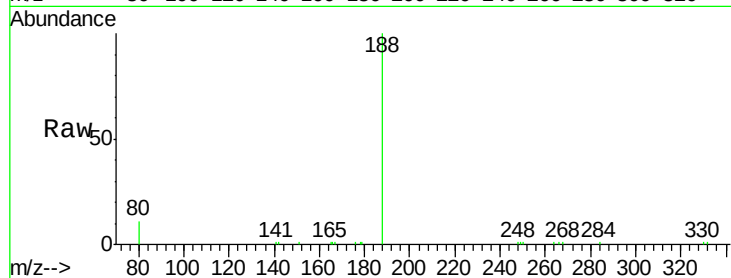
Tgt Ion:188 Resp: 12283

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

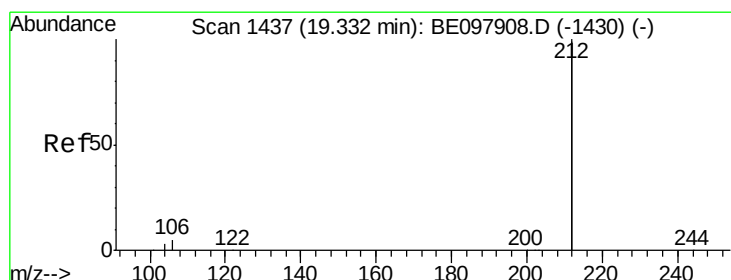
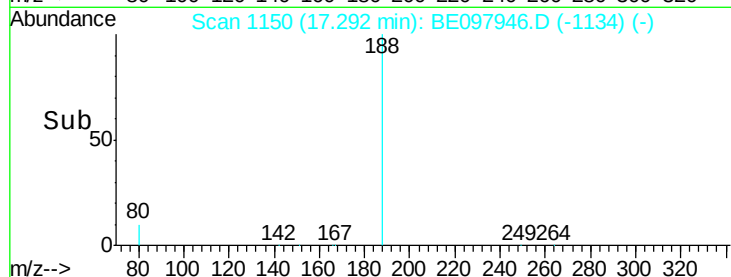
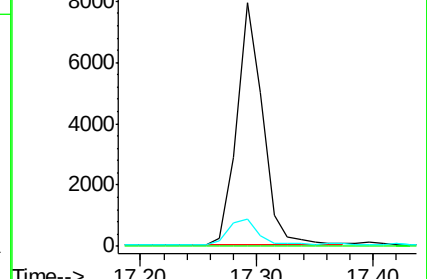
80 11.2 6.3 9.5#



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: 0.198 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

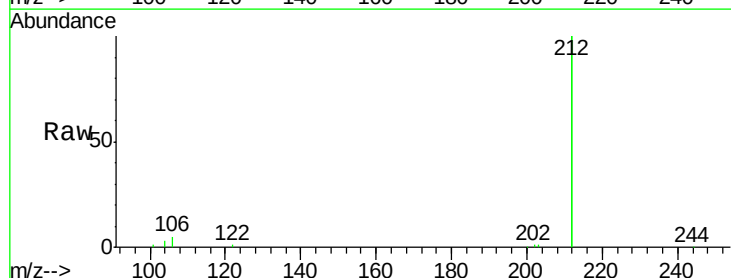
Tgt Ion:212 Resp: 32980

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

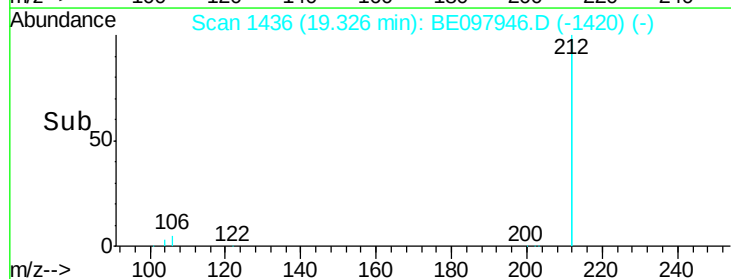
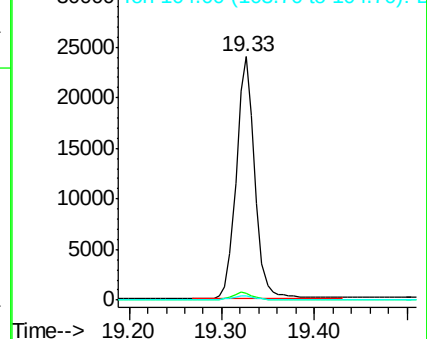
104 1.7 1.3 1.9

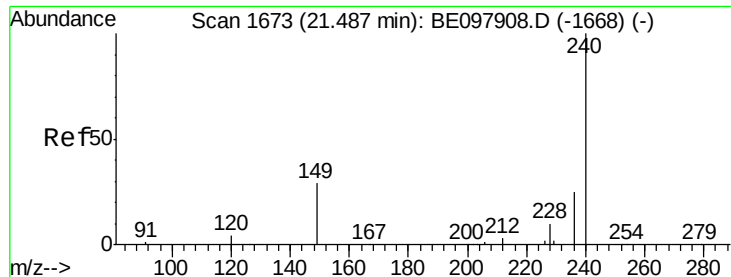


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097946.D

Acq: 17 Oct 2018 13:58

Instrument :

BNA_E

ClientSampleId :

RE-122D1-IMP-20181004DL

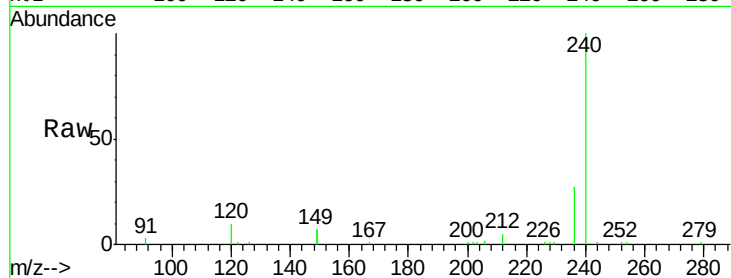
Tgt Ion:240 Resp: 16778

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

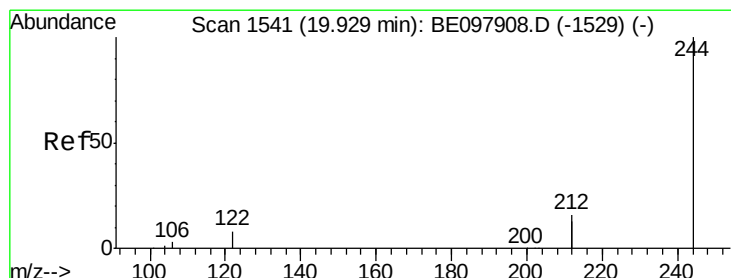
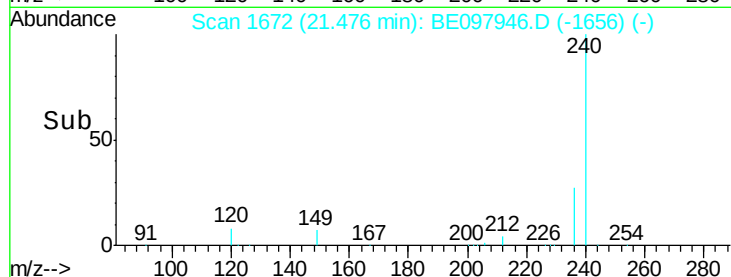
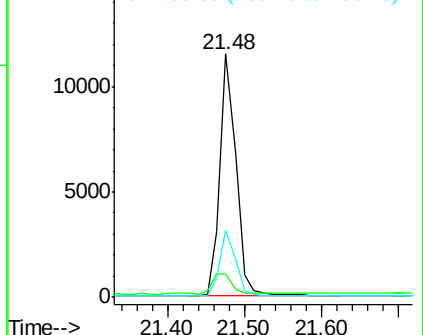
236 27.4 21.3 31.9



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: 0.238 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097946.D

Acq: 17 Oct 2018 13:58

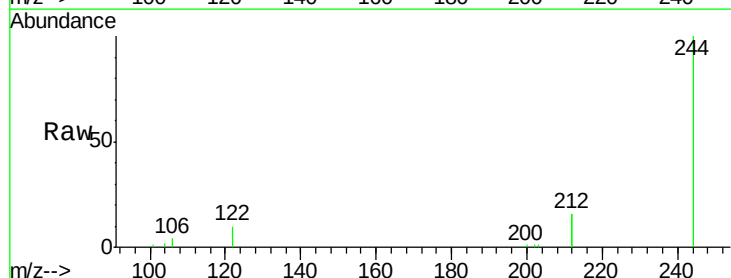
Tgt Ion:244 Resp: 9140

Ion Ratio Lower Upper

244 100

212 31.3 26.2 39.2

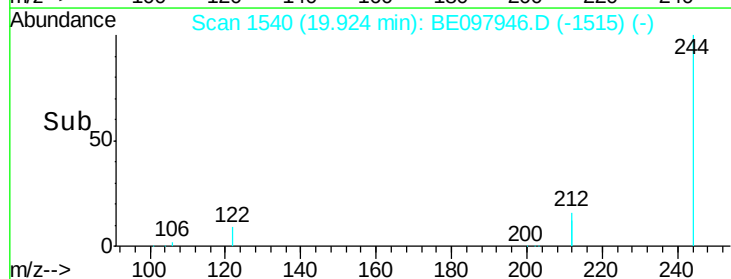
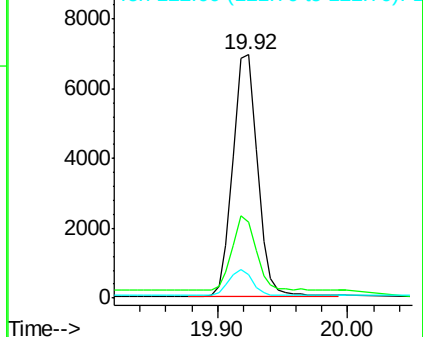
122 9.7 7.7 11.5

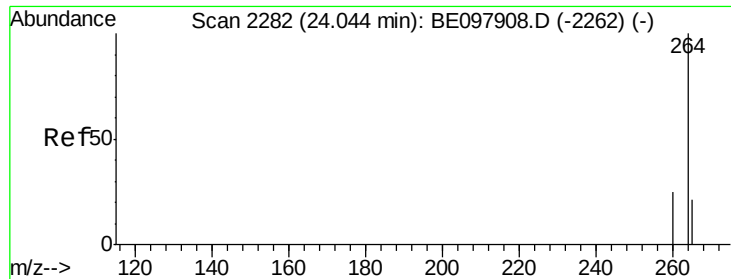


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2278
Delta R.T. -0.02 min
Lab File: BE097946.D
Acq: 17 Oct 2018 13:58

Instrument :
BNA_E
ClientSampleId :
RE-122D1-IMP-20181004DL

Tgt Ion: 264 Resp: 17165
Ion Ratio Lower Upper
264 100
260 25.4 21.1 31.7
265 26.3 29.2 43.8#

