

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097078.D
 Acq On : 24 Jul 2018 19:06
 Operator : SJ/JU
 Sample : J4073-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-071618

Quant Time: Jul 25 00:57:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

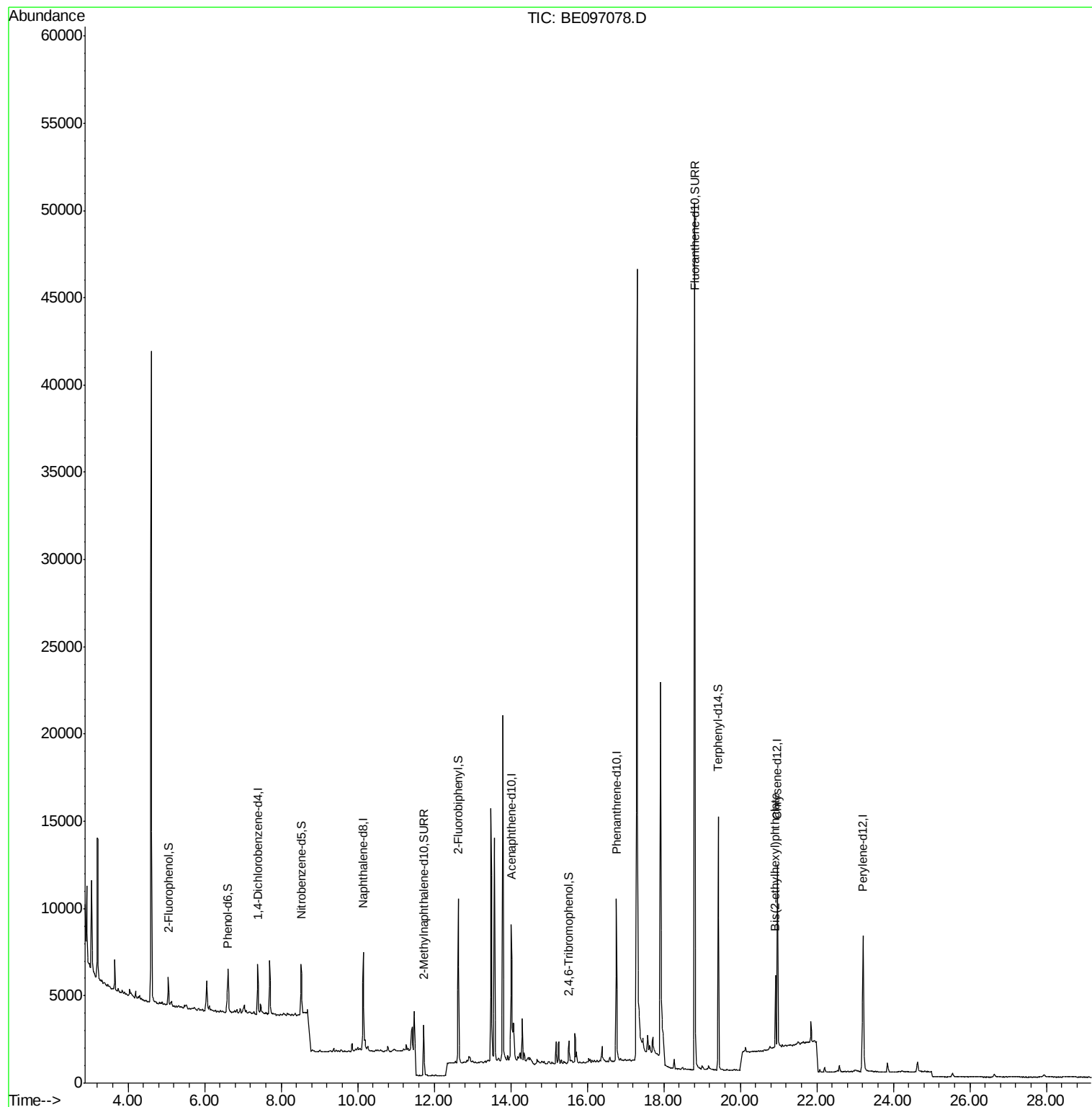
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1291	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6218	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4159	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11500	0.40	ng	0.00
27) Chrysene-d12	20.97	240	11682	0.40	ng	-0.01
34) Perylene-d12	23.21	264	11110	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	776	0.21	ng	0.00
5) Phenol-d6	6.60	99	688	0.13	ng	0.00
8) Nitrobenzene-d5	8.52	82	2709	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4243	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	774	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	8338	0.58	ng	0.00
25) Fluoranthene-d10	18.81	212	63590	0.55	ng	0.00
29) Terphenyl-d14	19.43	244	12821	0.57	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	20.92	149	5072	0.165	ng	97

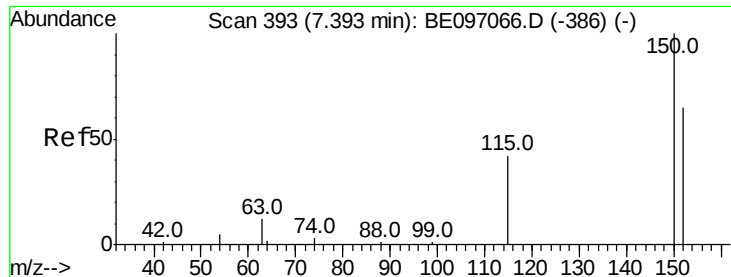
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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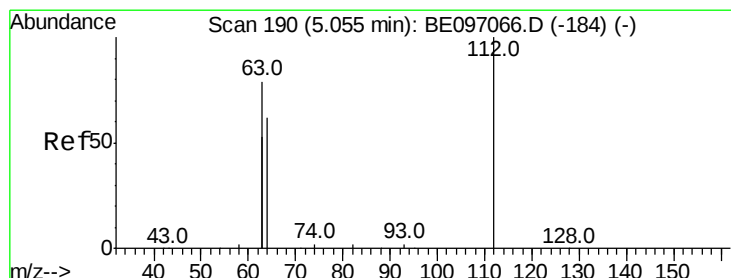
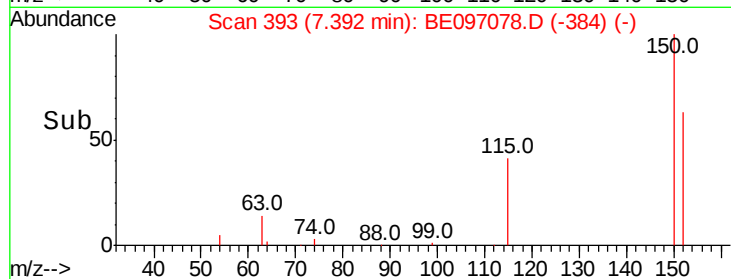
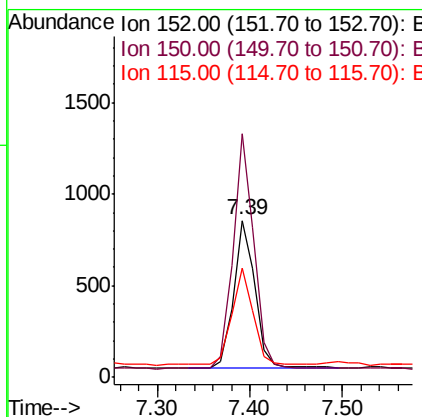
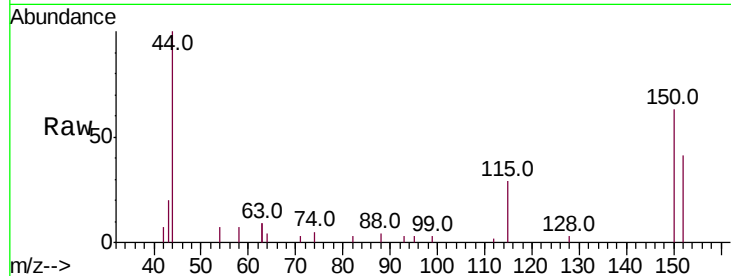




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BE097078.D
 Acq: 24 Jul 2018 19:06

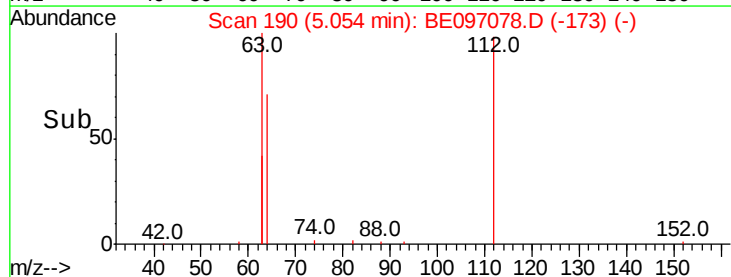
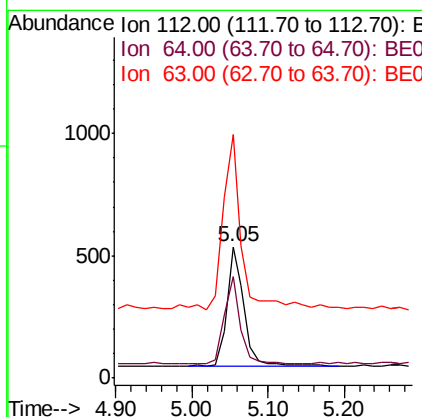
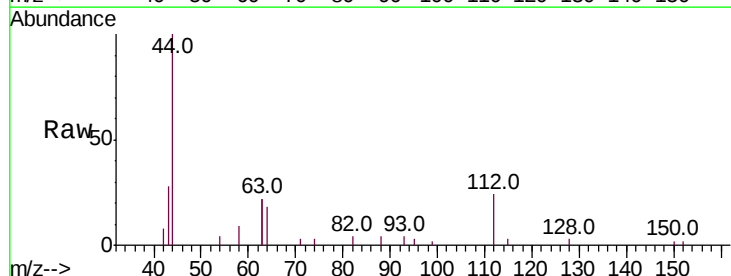
Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-071618

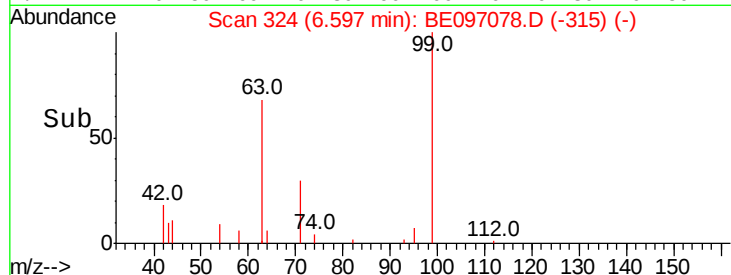
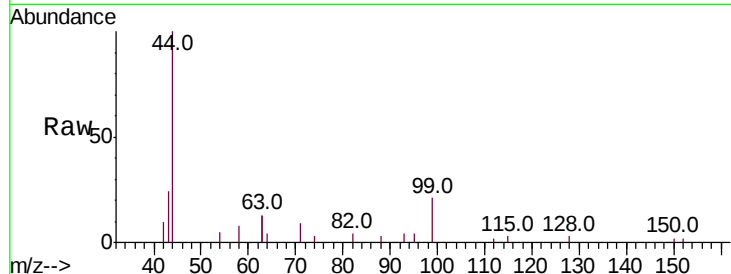
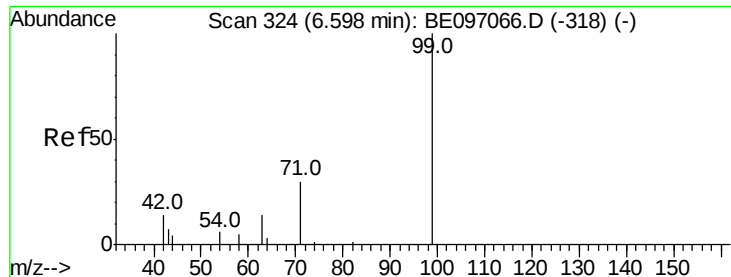
Tot Ion:152 Resp: 1291
 Ion Ratio Lower Upper
 152 100
 150 155.3 117.2 175.8
 115 70.0 57.0 85.6



#4
 2-Fluorophenol
 Concen: 0.214 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097078.D
 Acq: 24 Jul 2018 19:06

Tgt Ion:112 Resp: 776
 Ion Ratio Lower Upper
 112 100
 64 67.9 60.1 90.1
 63 152.2 116.8 175.2





#5

Phenol-d6

Concen: 0.129 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

Instrument :

BNA_E

ClientSampleId :

RE117D1-071618

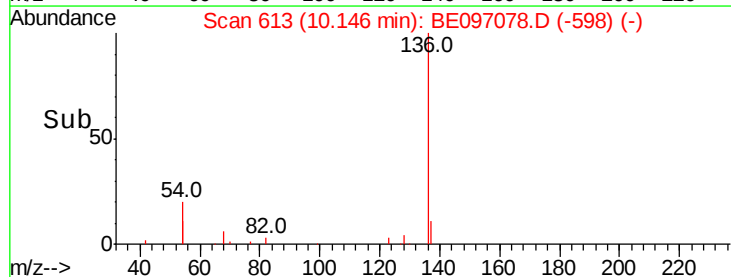
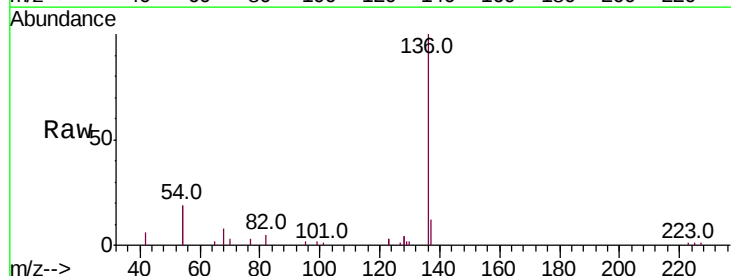
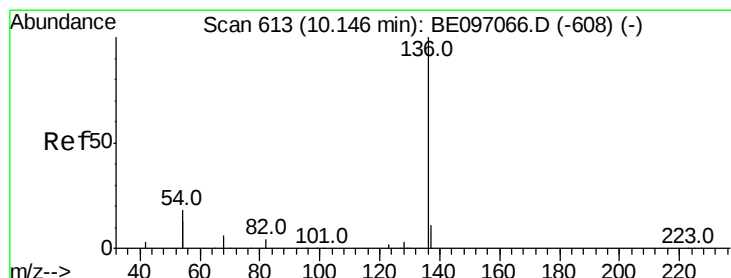
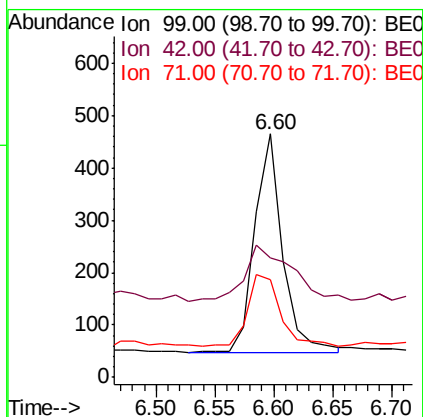
Tot Ion: 99 Resp: 688

Ion Ratio Lower Upper

99 100

42 42.4 20.2 30.2#

71 39.1 28.4 42.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

Tgt Ion:136 Resp: 6218

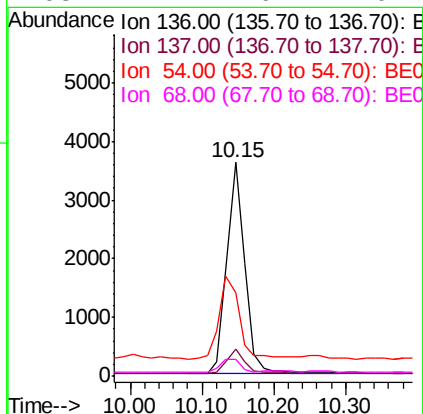
Ion Ratio Lower Upper

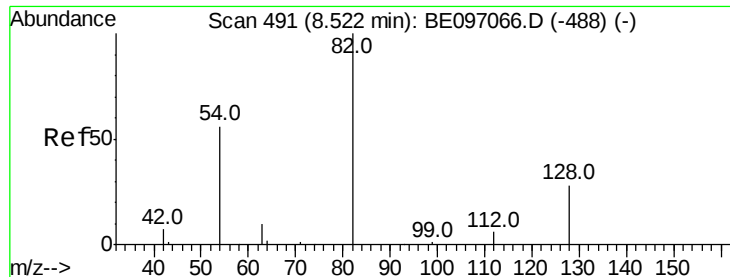
136 100

137 12.3 9.5 14.3

54 38.7 29.1 43.7

68 7.7 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.502 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

Instrument :

BNA_E

ClientSampleId :

RE117D1-071618

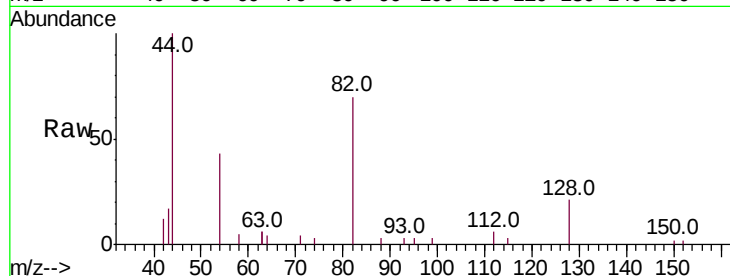
Tot Ion: 82 Resp: 2709

Ion Ratio Lower Upper

82 100

128 30.4 24.0 36.0

54 62.2 40.0 60.0#



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

8.52

1500

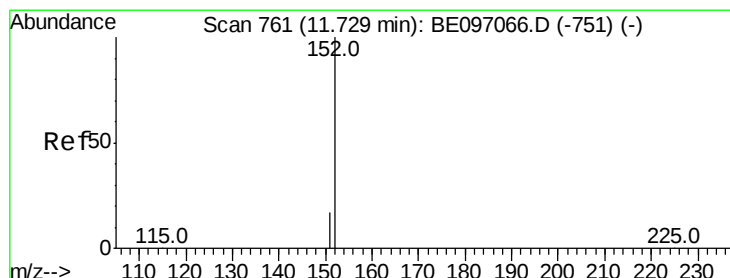
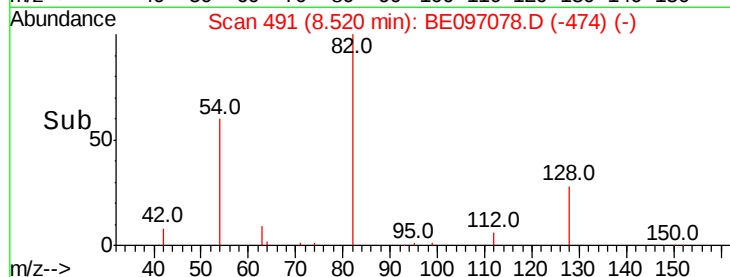
1000

500

0

8.40 8.50 8.60 8.70

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.456 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097078.D

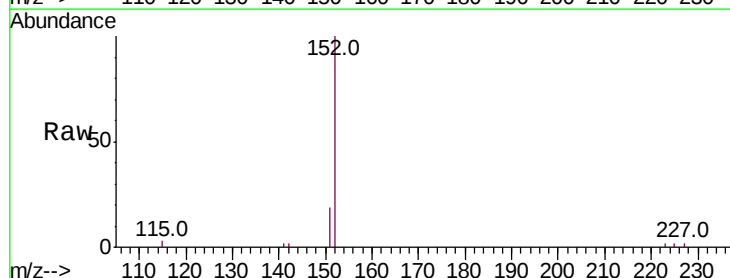
Acq: 24 Jul 2018 19:06

Tgt Ion: 152 Resp: 4243

Ion Ratio Lower Upper

152 100

151 20.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

3000

2500

2000

1500

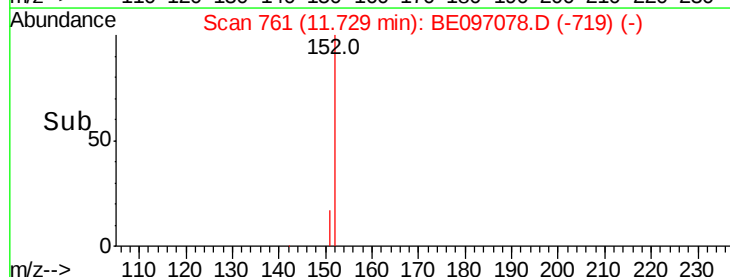
1000

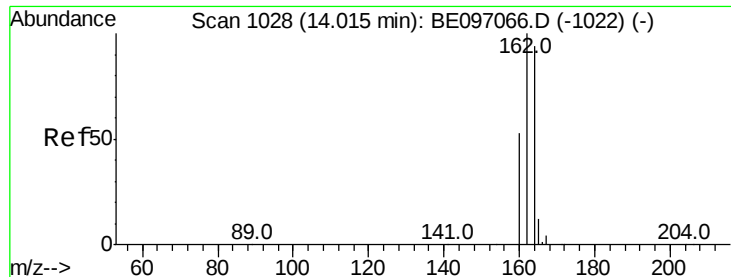
500

0

11.60 11.70 11.80 11.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

Instrument :

BNA_E

ClientSampleId :

RE117D1-071618

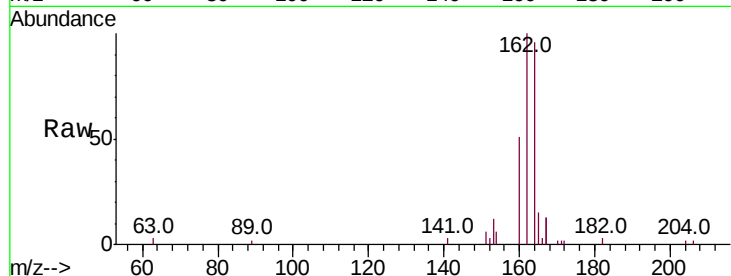
Tot Ion:164 Resp: 4159

Ion Ratio Lower Upper

164 100

162 103.9 83.1 124.7

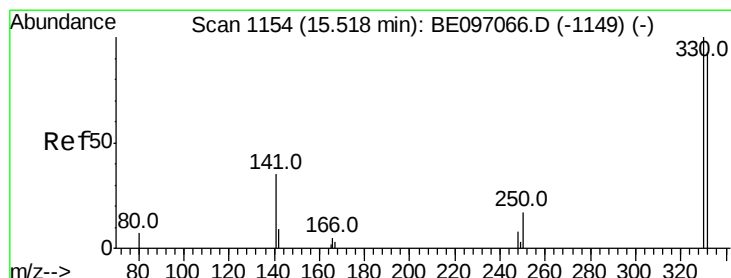
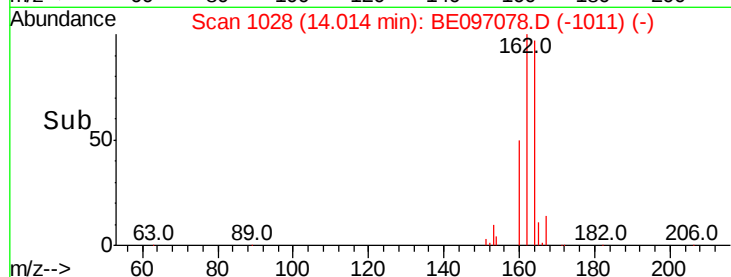
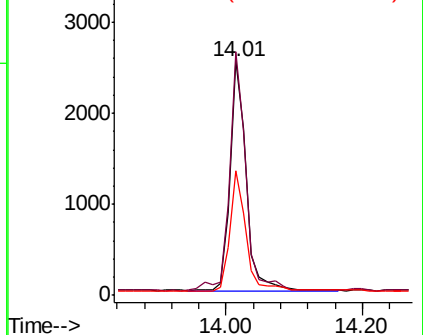
160 53.1 37.1 55.7



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: 0.565 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

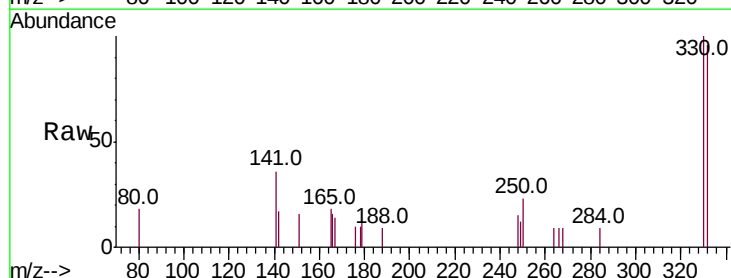
Tgt Ion:330 Resp: 774

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

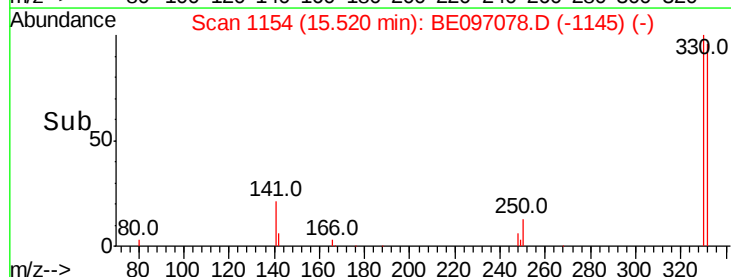
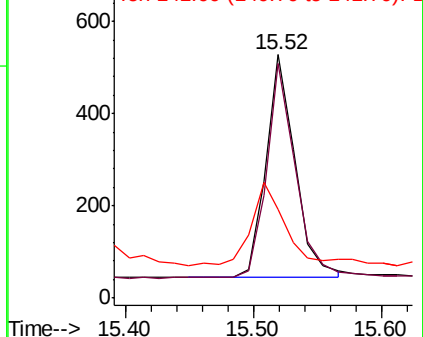
141 41.3 33.7 50.5

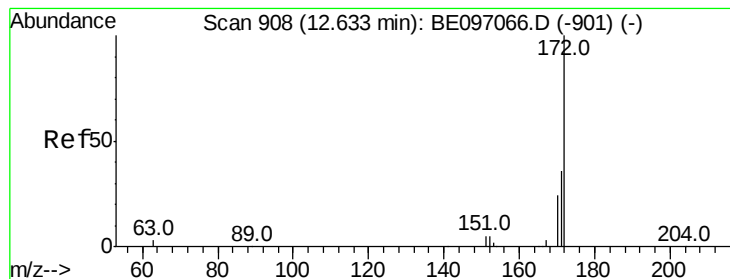


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

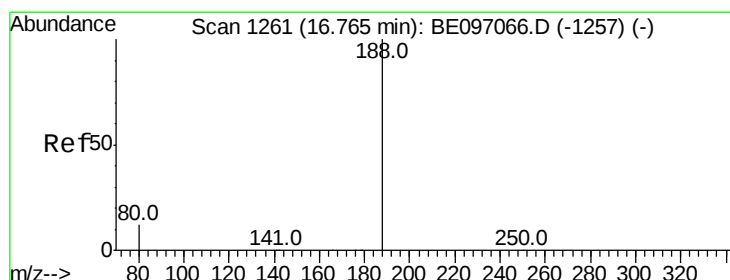
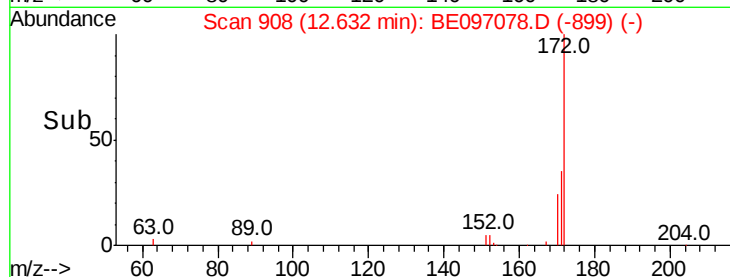
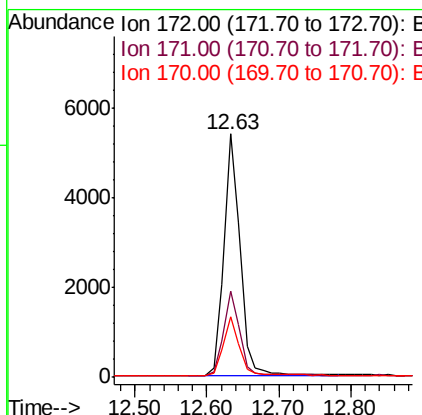
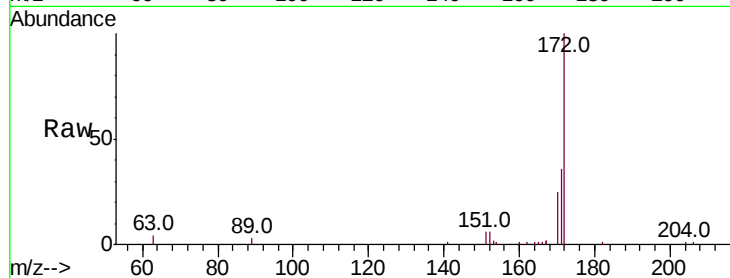




#15
2-Fluorobiphenyl
Concen: 0.580 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

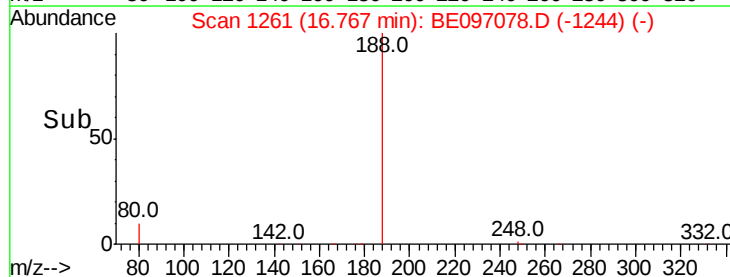
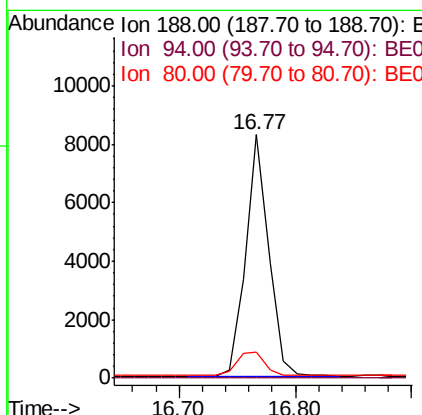
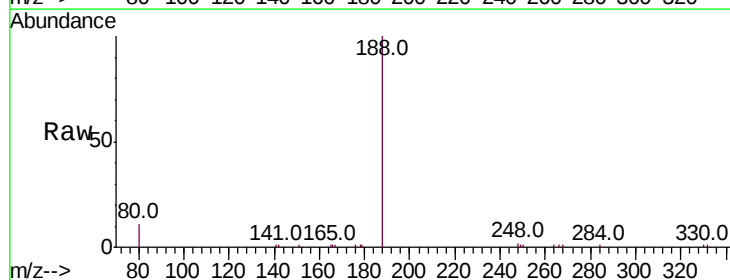
Instrument :
BNA_E
ClientSampleId :
RE117D1-071618

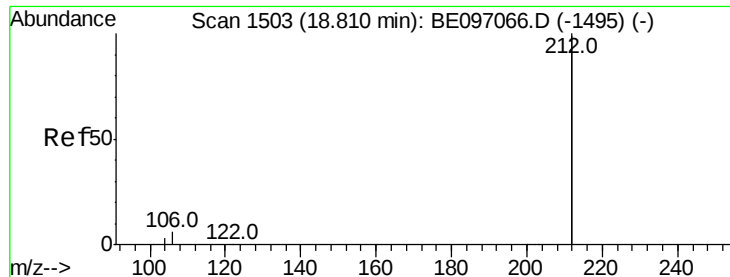
Tot Ion:172 Resp: 8338
Ion Ratio Lower Upper
172 100
171 35.7 29.9 44.9
170 24.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:188 Resp: 11500
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.553 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

Instrument :

BNA_E

ClientSampleId :

RE117D1-071618

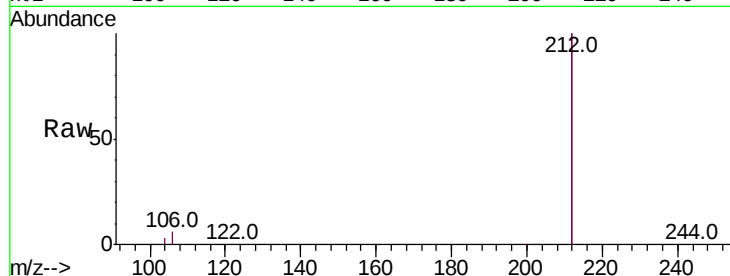
Tot Ion:212 Resp: 63590

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

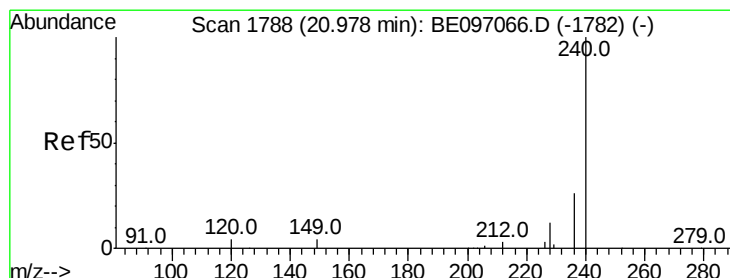
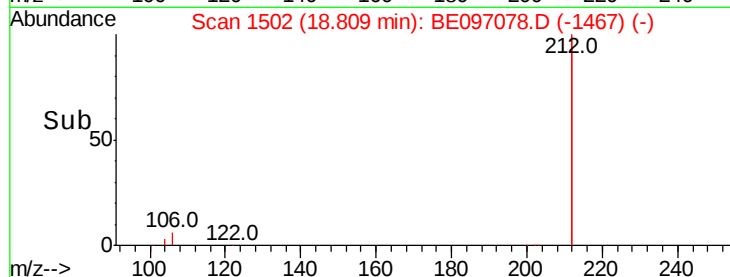
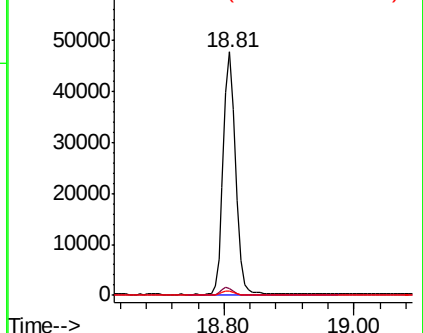
104 1.7 1.6 2.4



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: 20.97 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

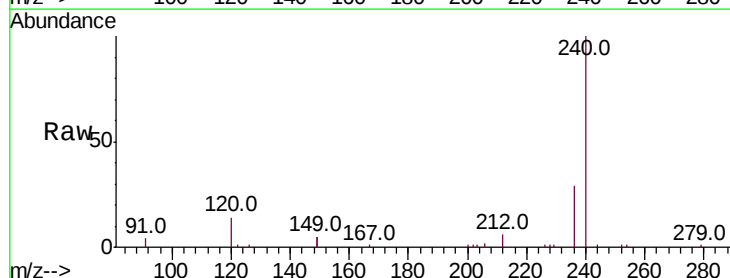
Tgt Ion:240 Resp: 11682

Ion Ratio Lower Upper

240 100

120 14.5 5.5 8.3#

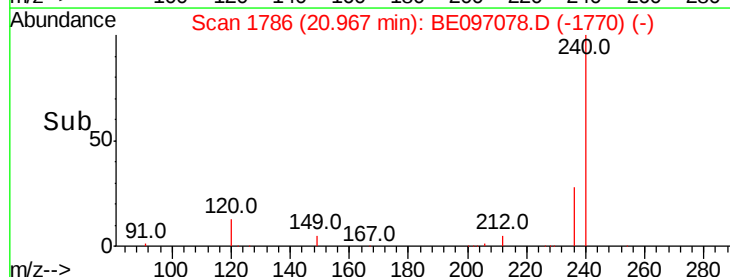
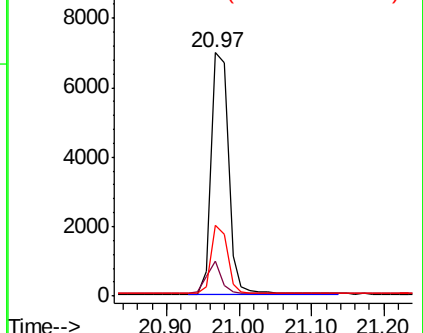
236 29.2 20.7 31.1

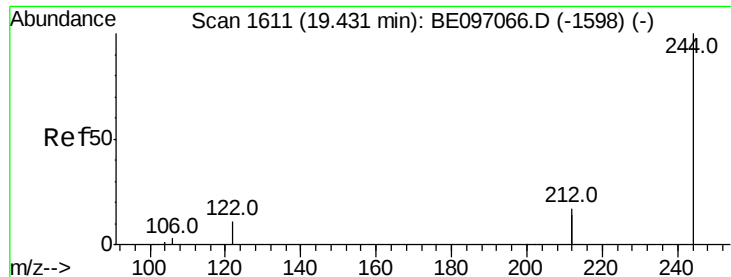


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.571 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

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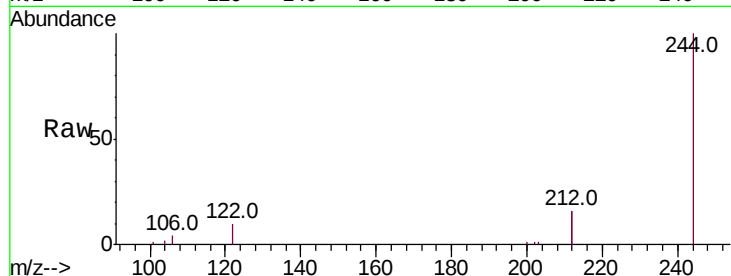
Tot Ion:244 Resp: 12821

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

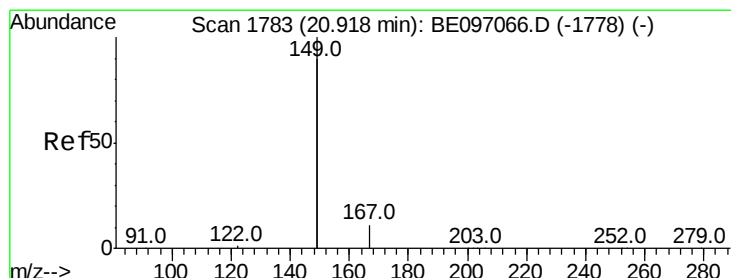
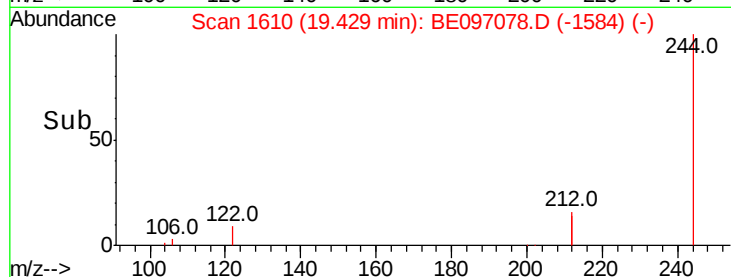
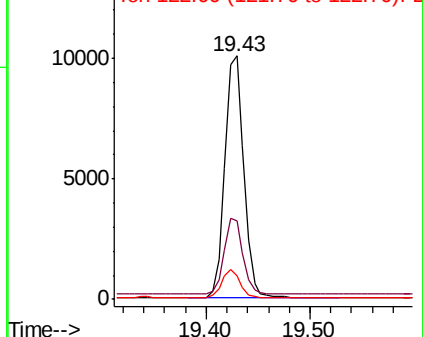
122 9.6 8.1 12.1



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: 0.165 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

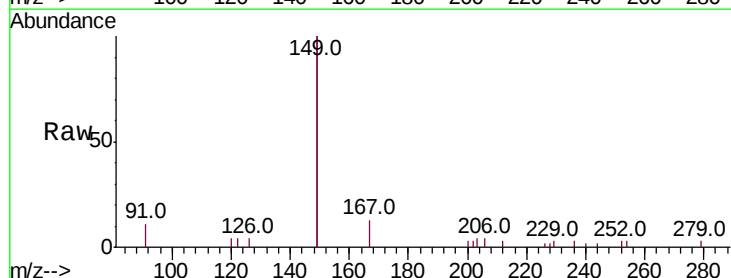
Tgt Ion:149 Resp: 5072

Ion Ratio Lower Upper

149 100

167 5.6 5.4 8.0

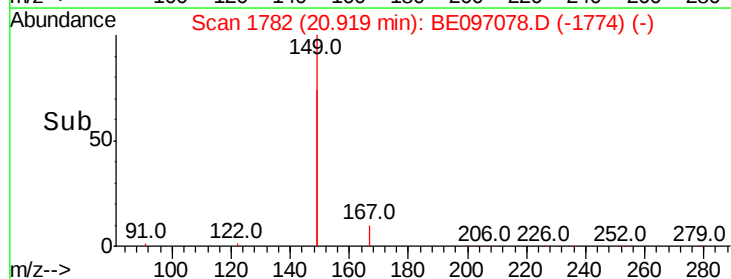
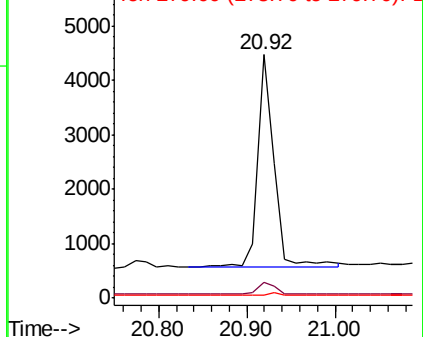
279 1.1 0.7 1.1

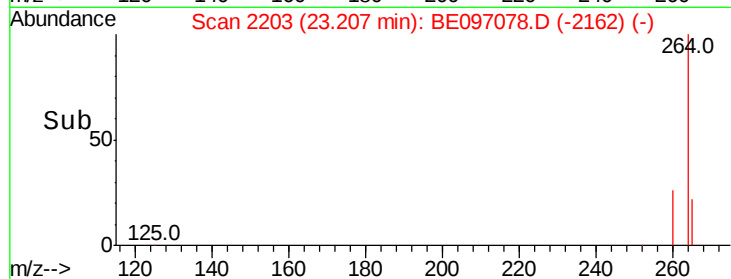
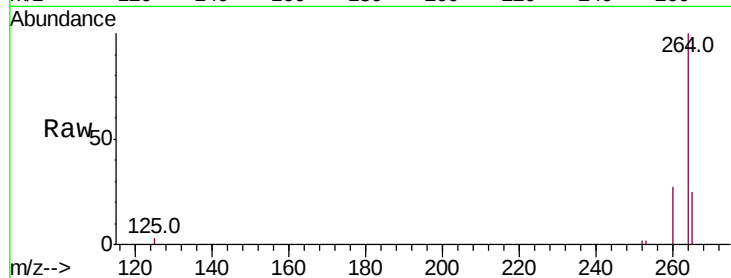
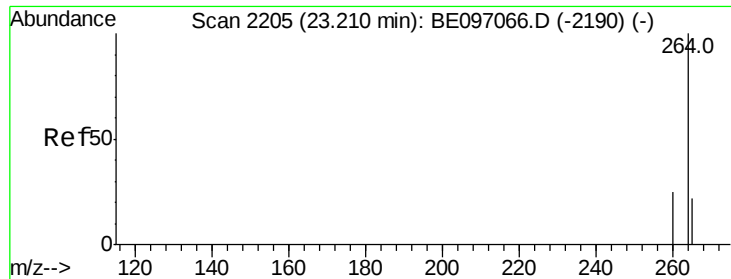


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.21 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097078.D

Acq: 24 Jul 2018 19:06

Instrument :

BNA_E

ClientSampleId :

RE117D1-071618

Tot Ion:264 Resp: 11110

Ion Ratio Lower Upper

264 100

260 27.2 20.5 30.7

265 25.5 22.8 34.2

