

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
 Data File : BE097797.D
 Acq On : 8 Oct 2018 16:50
 Operator : SJ/JU
 Sample : J5284-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D1-20181001

Quant Time: Oct 09 06:57:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

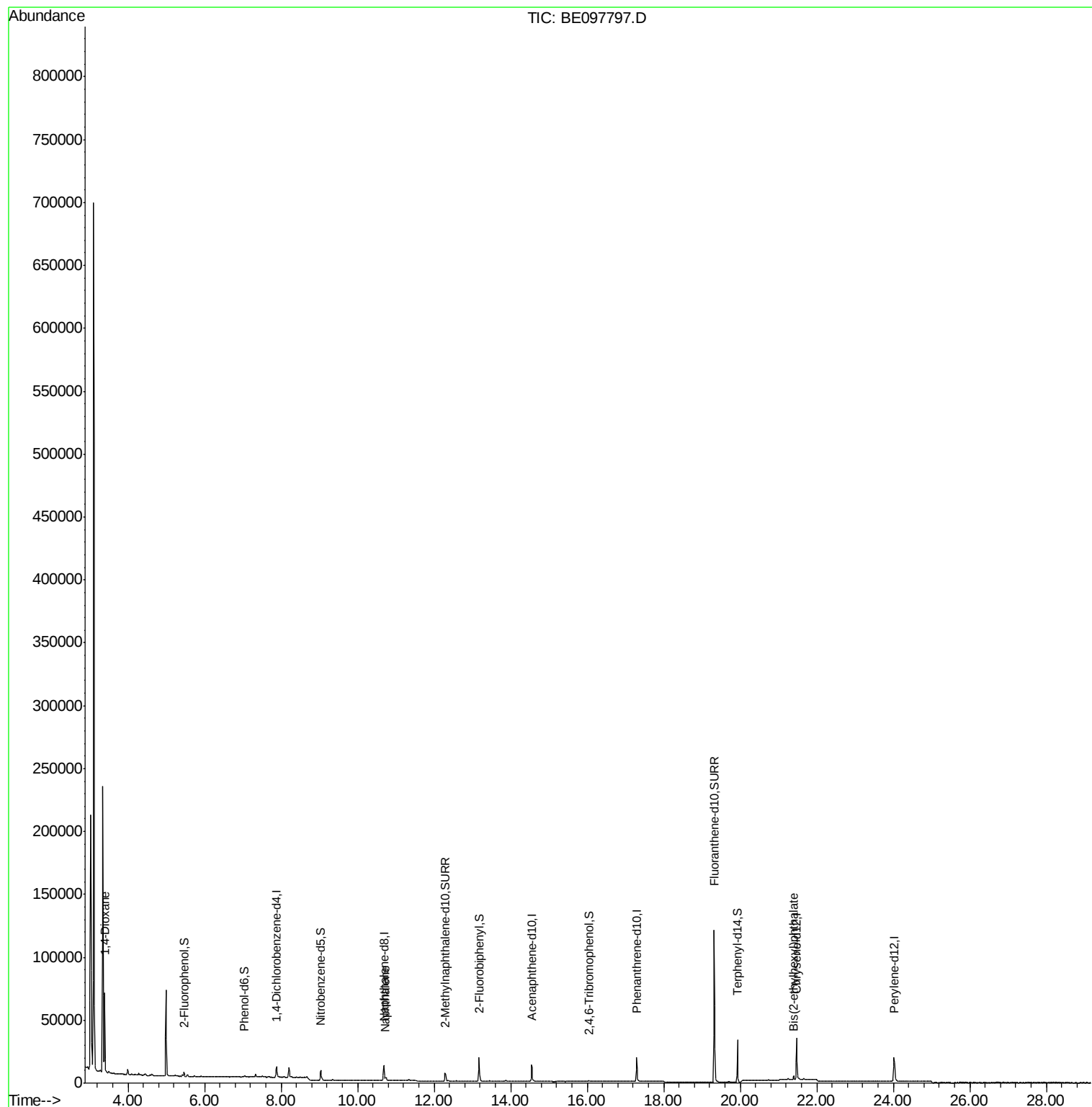
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	4018	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15882	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9108	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	26429	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	34438	0.40	ng	-0.01
34) Perylene-d12	24.02	264	31195	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1667	0.18	ng	-0.01
5) Phenol-d6	7.04	99	1276	0.09	ng	0.00
8) Nitrobenzene-d5	9.04	82	3862	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	10563	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	745	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	18630	0.46	ng	-0.02
25) Fluoranthene-d10	19.32	212	155971	0.47	ng	-0.01
29) Terphenyl-d14	19.92	244	29293	0.42	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	40135	5.013	ng	Qvalue 96
9) Naphthalene	10.73	128	4239	0.026	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.40	149	4177	0.062	ng	# 100

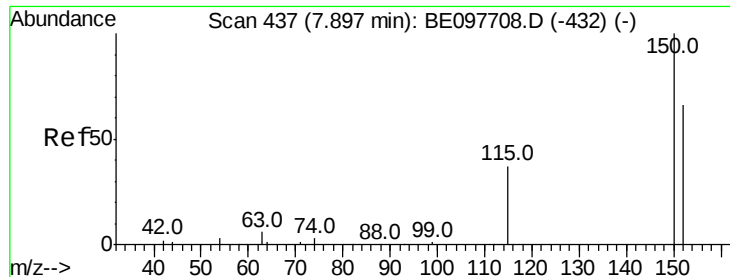
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 08 06:37:06 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097797.D

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Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181001

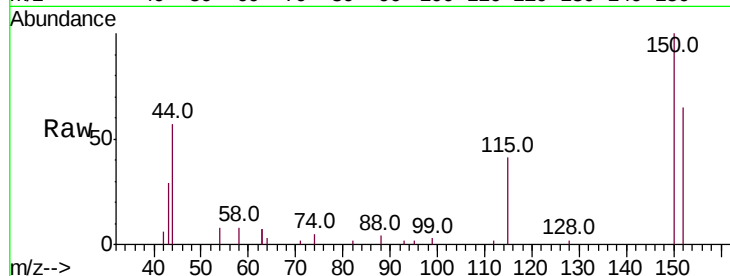
Tot Ion:152 Resp: 4018

Ion Ratio Lower Upper

152 100

150 154.9 120.9 181.3

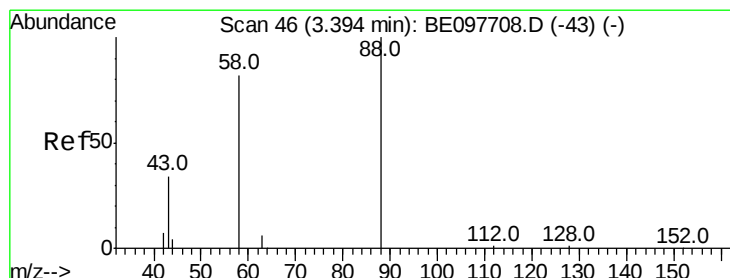
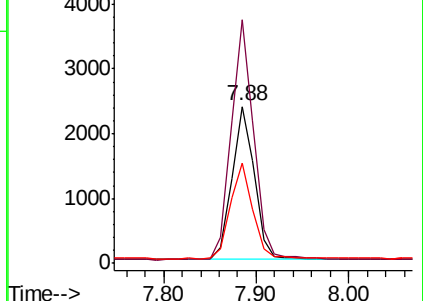
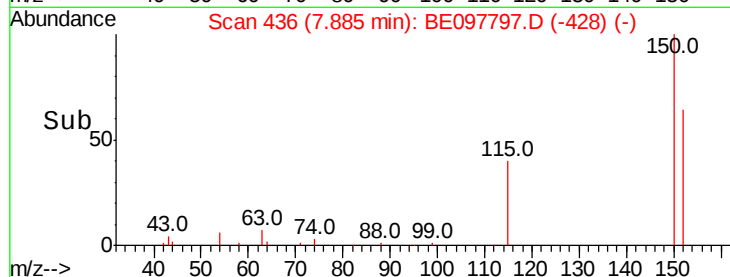
115 64.1 46.6 69.8



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: 5.013 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

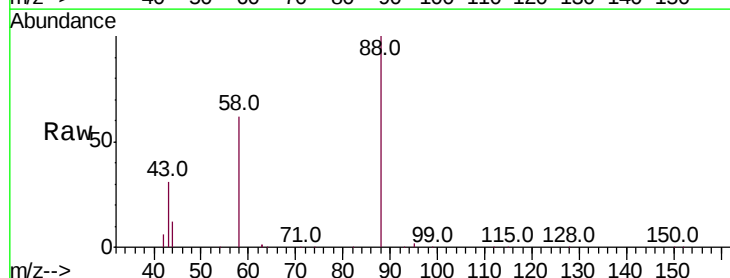
Tgt Ion: 88 Resp: 40135

Ion Ratio Lower Upper

88 100

58 85.6 70.8 106.2

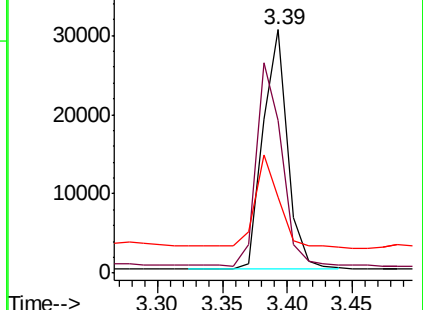
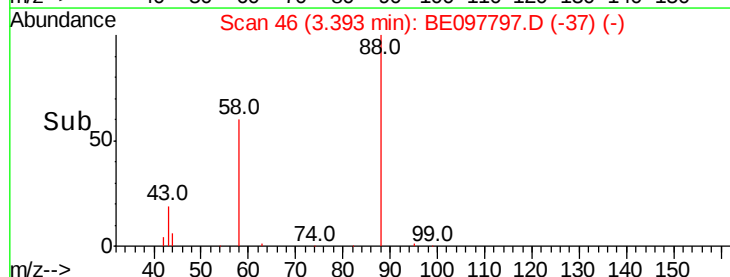
43 37.4 33.3 49.9

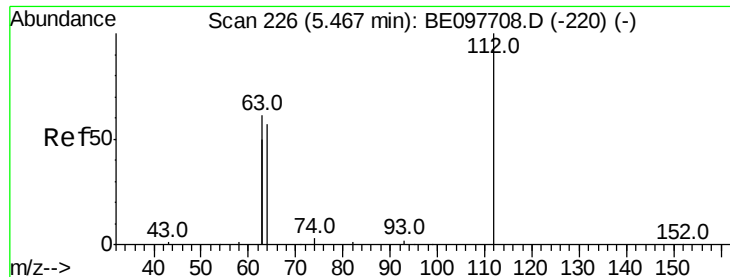


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181001

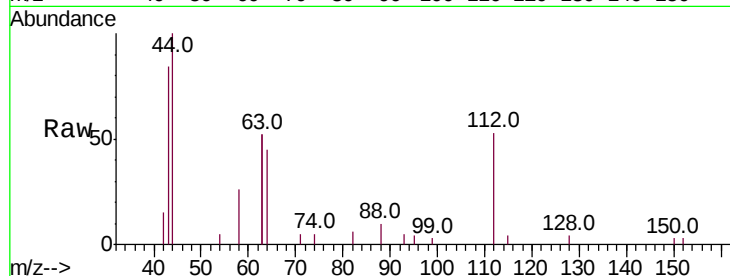
Tot Ion:112 Resp: 1667

Ion Ratio Lower Upper

112 100

64 72.5 56.6 84.8

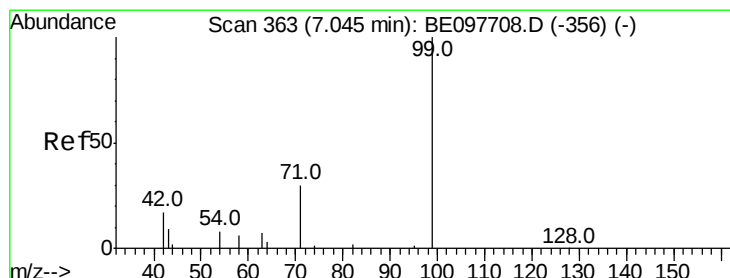
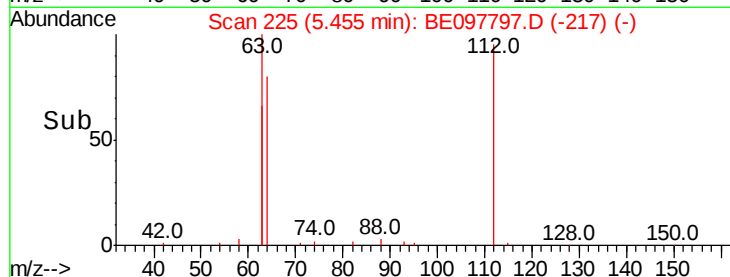
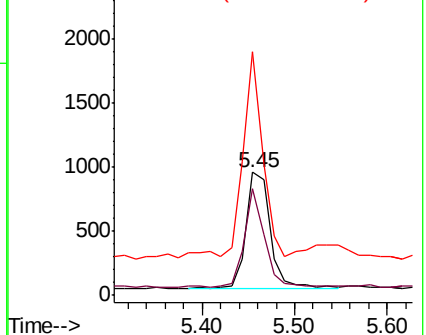
63 131.3 119.4 179.0



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: 0.088 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

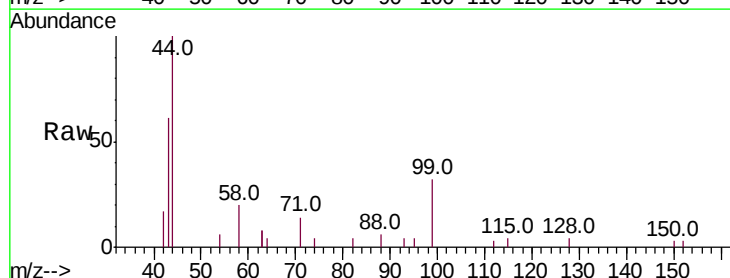
Tgt Ion: 99 Resp: 1276

Ion Ratio Lower Upper

99 100

42 33.0 19.9 29.9#

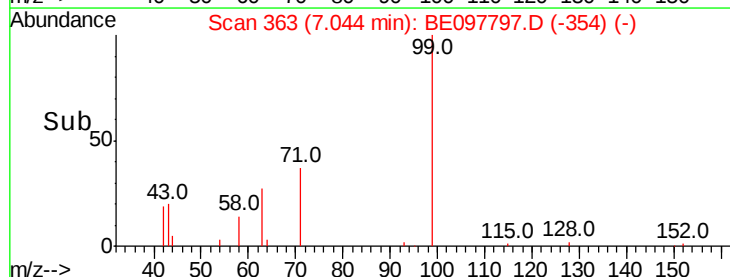
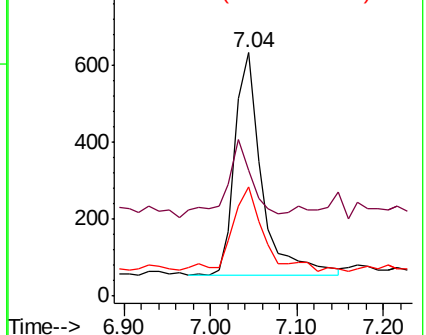
71 43.2 25.4 38.2#

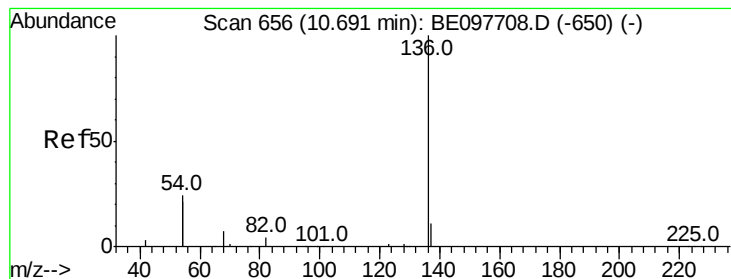


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181001

Tot Ion:136 Resp: 15882

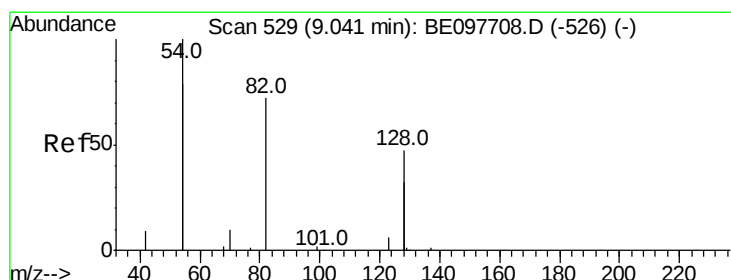
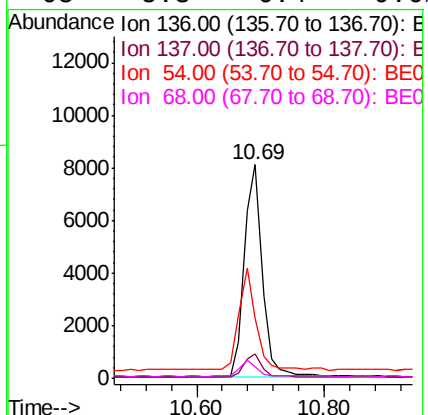
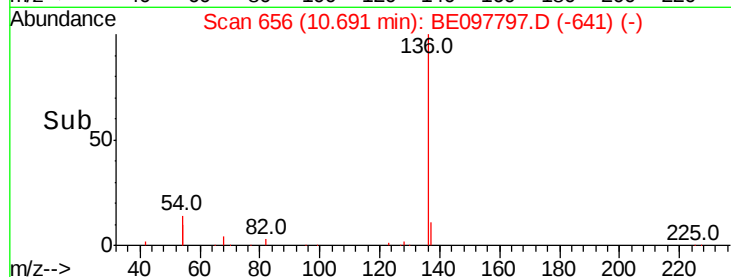
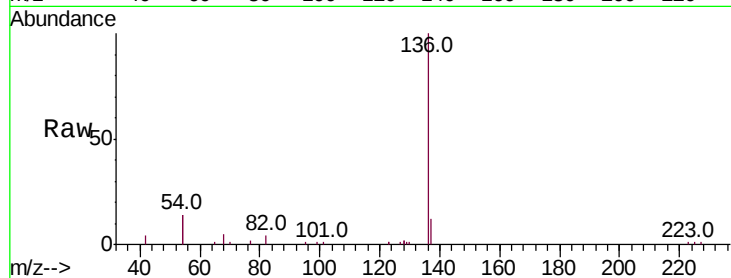
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 28.1 37.8 56.6#

68 5.3 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.749 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

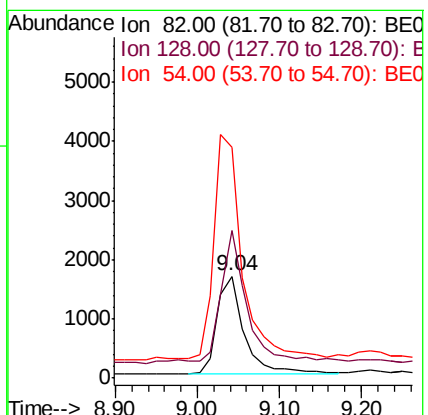
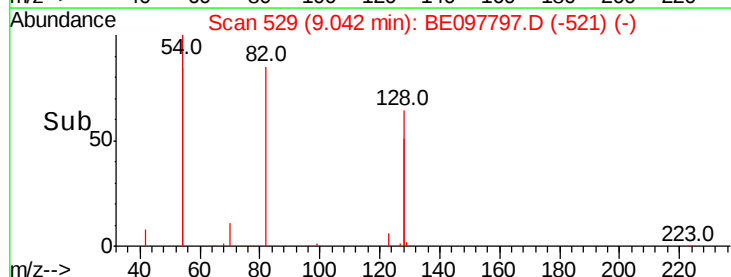
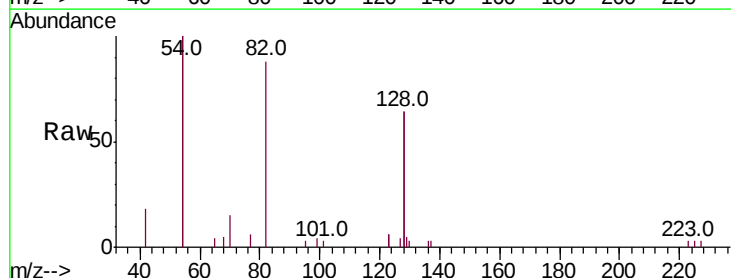
Tgt Ion: 82 Resp: 3862

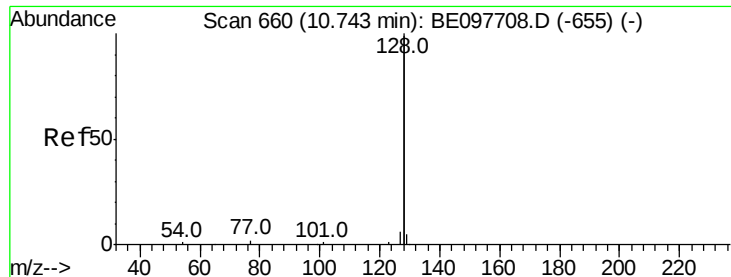
Ion Ratio Lower Upper

82 100

128 144.7 97.0 145.4

54 226.0 206.9 310.3





#9

Naphthalene

Concen: 0.026 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181001

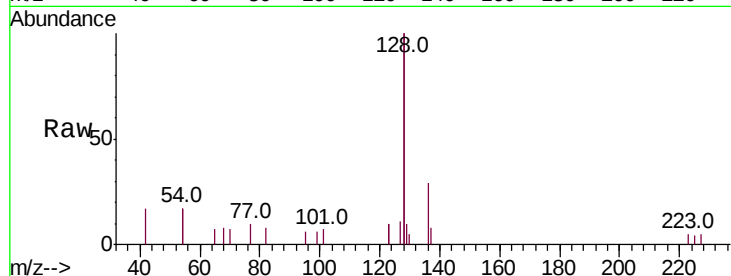
Tot Ion:128 Resp: 4239

Ion Ratio Lower Upper

128 100

129 5.2 2.2 3.2#

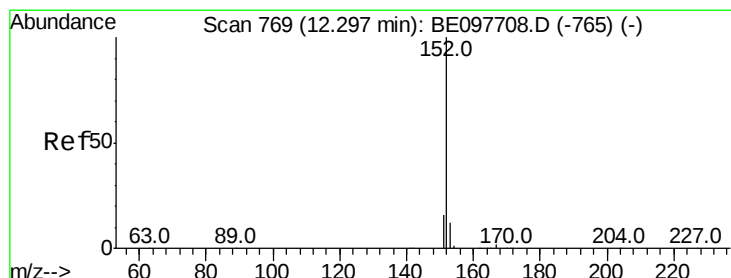
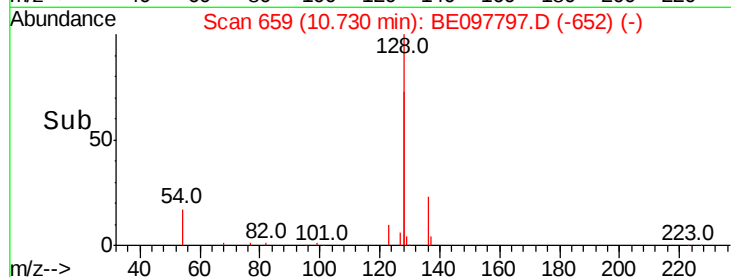
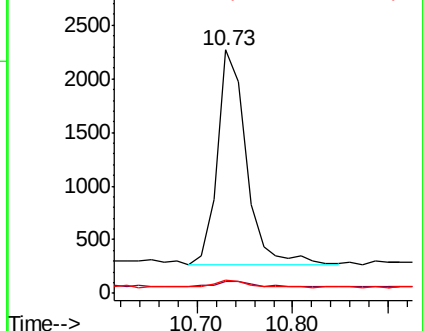
127 5.6 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE097797.D

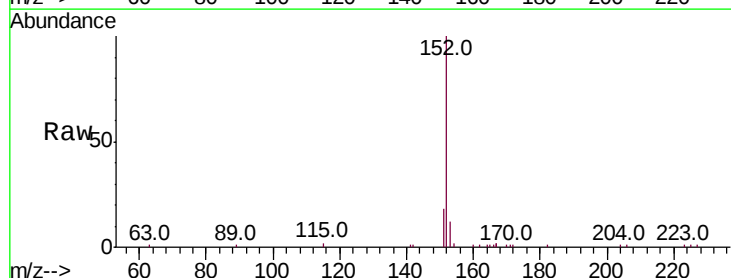
Acq: 8 Oct 2018 16:50

Tgt Ion:152 Resp: 10563

Ion Ratio Lower Upper

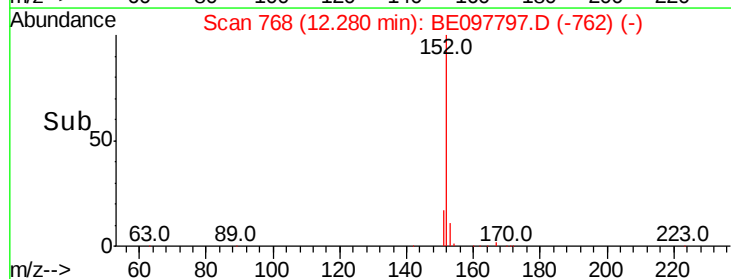
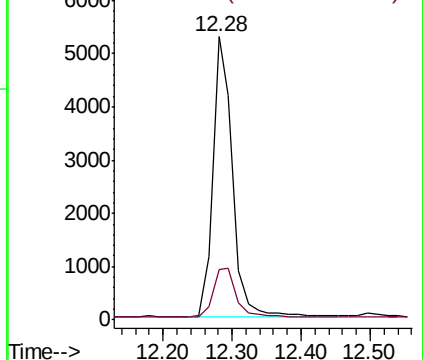
152 100

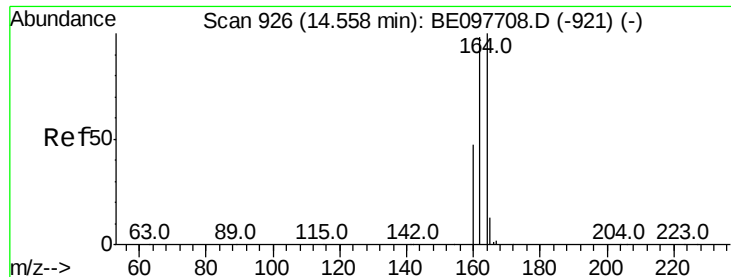
151 20.2 15.4 23.2



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: BE097797.D

Acq: 8 Oct 2018 16:50

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181001

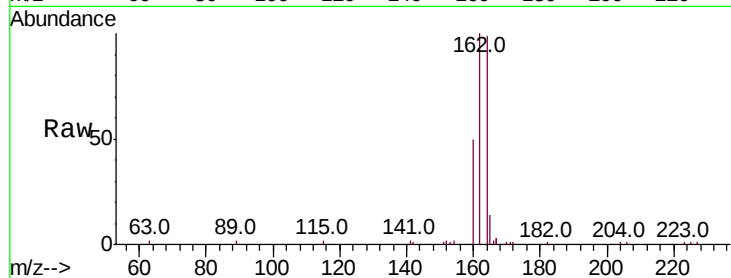
Tot Ion:164 Resp: 9108

Ion Ratio Lower Upper

164 100

162 100.8 78.6 117.8

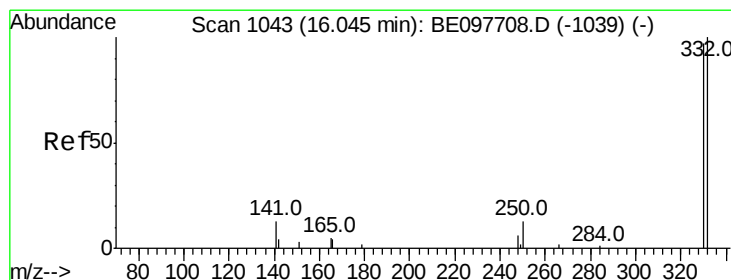
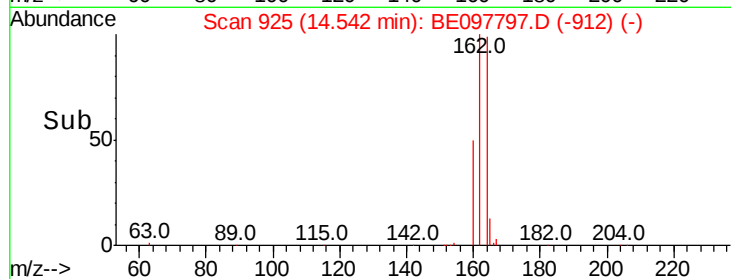
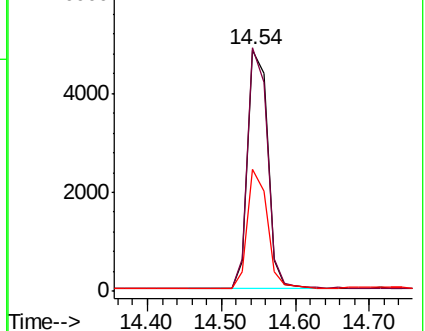
160 50.7 37.8 56.6



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: 0.451 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

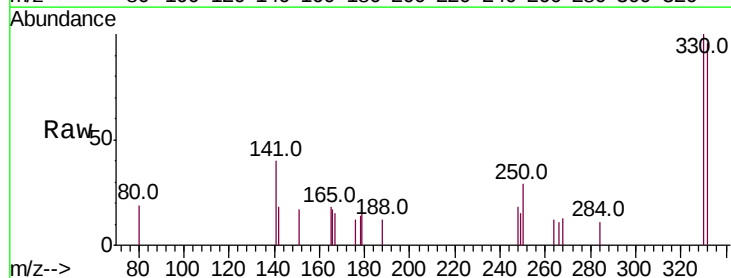
Tgt Ion:330 Resp: 745

Ion Ratio Lower Upper

330 100

332 100.0 83.5 125.3

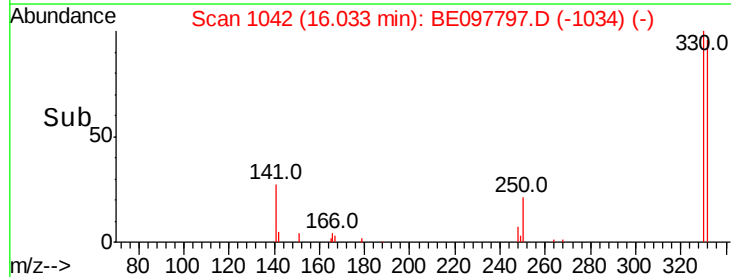
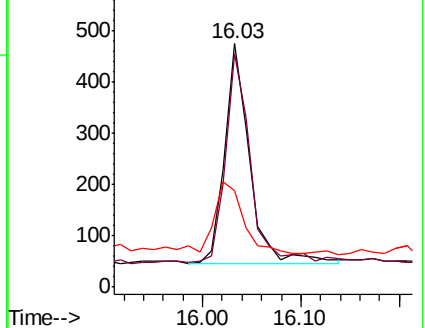
141 39.6 34.9 52.3

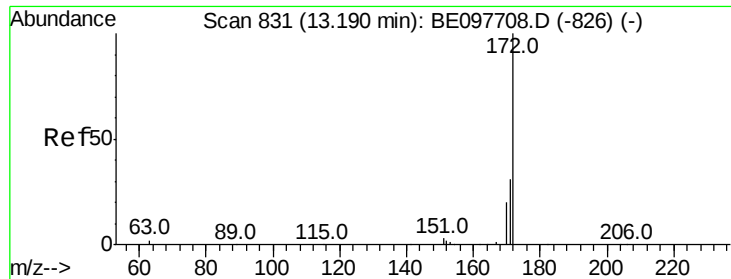


Abundance Ion 330.00 (329.70 to 330.70): E

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. -0.02 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181001

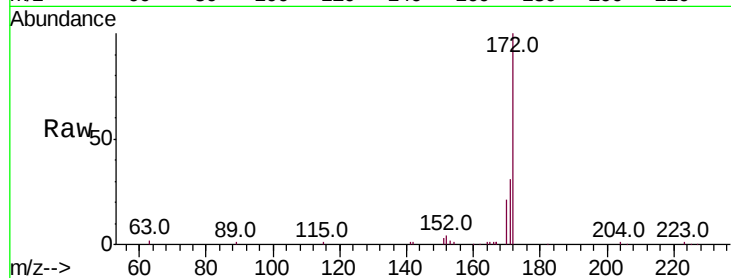
Tot Ion:172 Resp: 18630

Ion Ratio Lower Upper

172 100

171 31.2 25.2 37.8

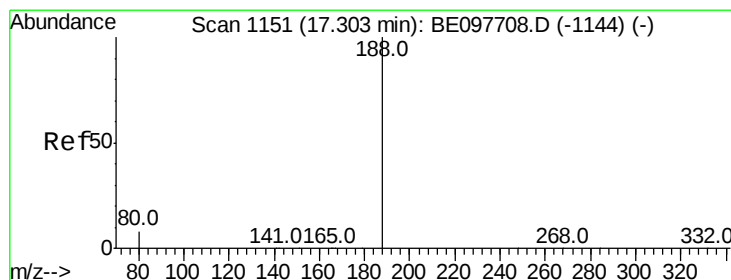
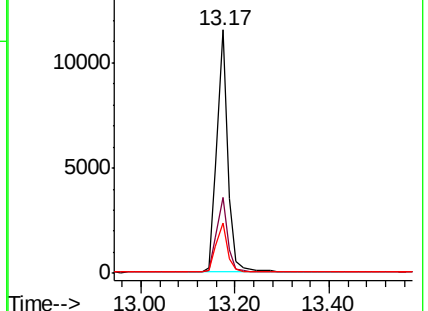
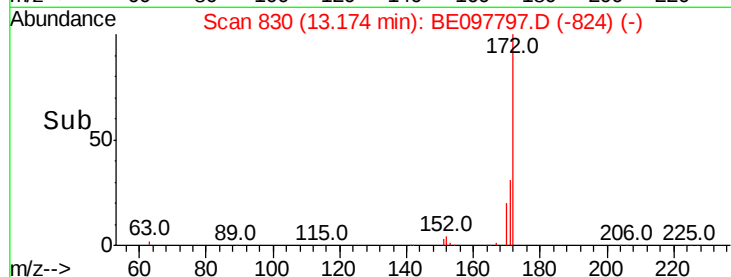
170 20.8 16.2 24.2



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: BE097797.D

Acq: 8 Oct 2018 16:50

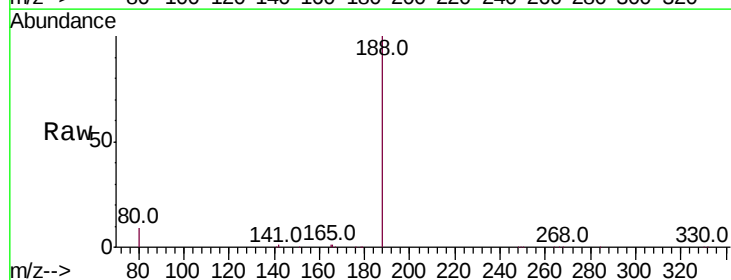
Tgt Ion:188 Resp: 26429

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

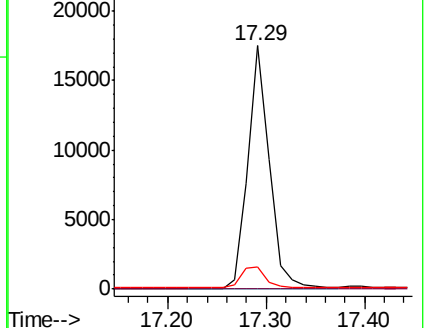
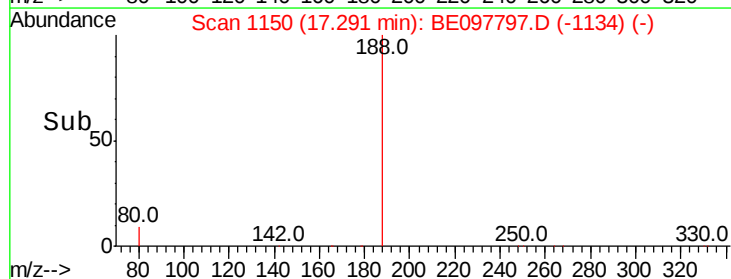
80 9.2 6.6 9.8

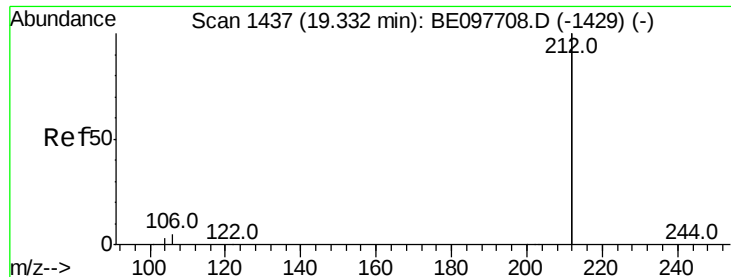


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

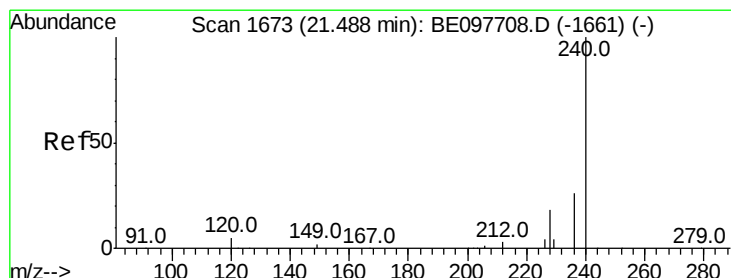
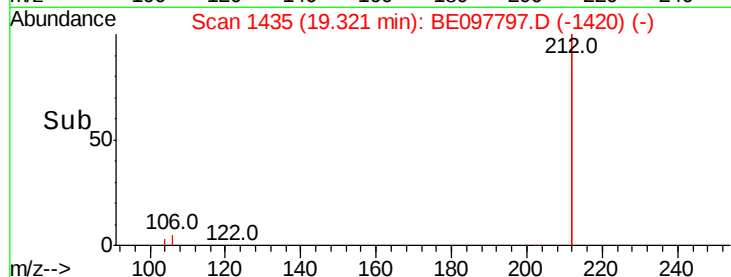
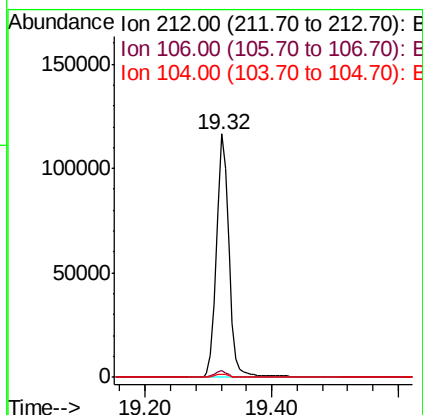
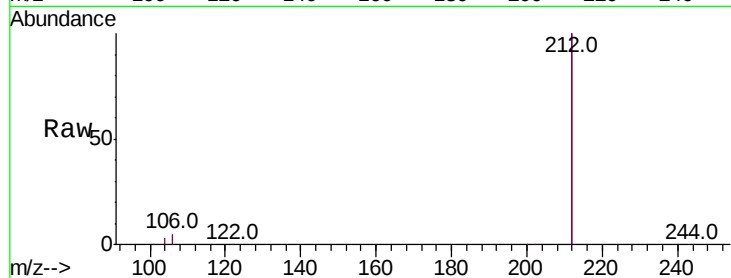




#25
 Fluoranthene-d10
 Concen: 0.466 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE097797.D
 Acq: 8 Oct 2018 16:50

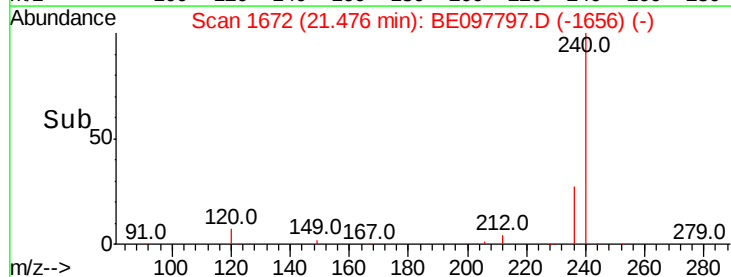
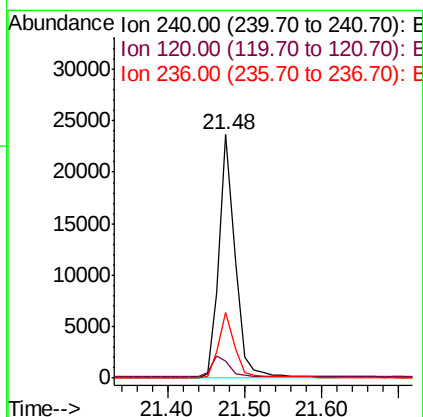
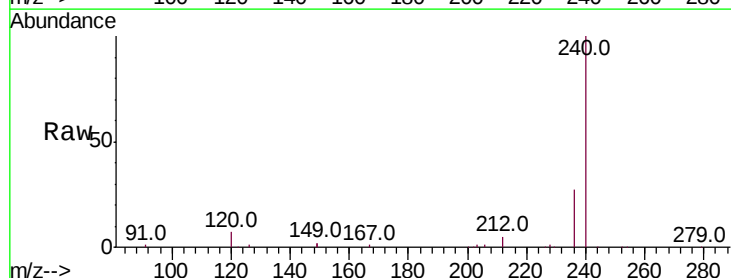
Instrument :
 BNA_E
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 RE-125D1-20181001

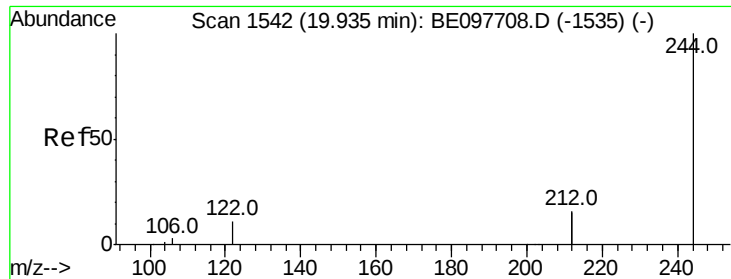
Tot Ion:212 Resp: 155971
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.2 1.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.48 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097797.D
 Acq: 8 Oct 2018 16:50

Tgt Ion:240 Resp: 34438
 Ion Ratio Lower Upper
 240 100
 120 7.2 4.7 7.1#
 236 27.2 20.8 31.2





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181001

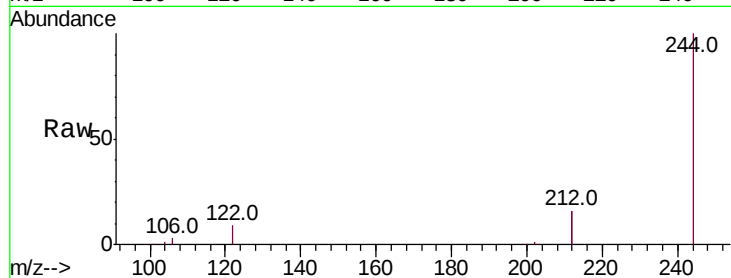
Tot Ion:244 Resp: 29293

Ion Ratio Lower Upper

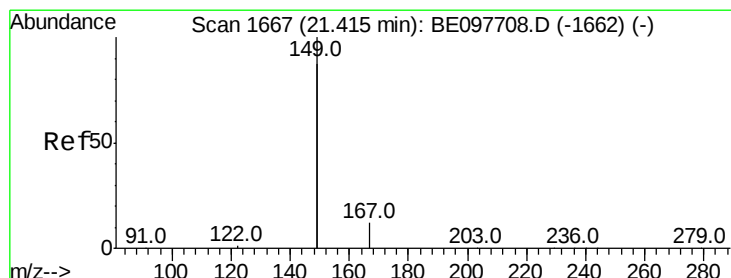
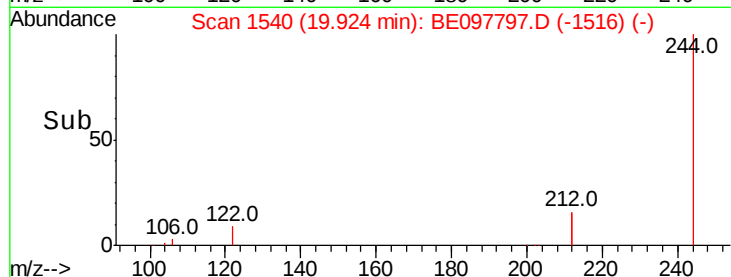
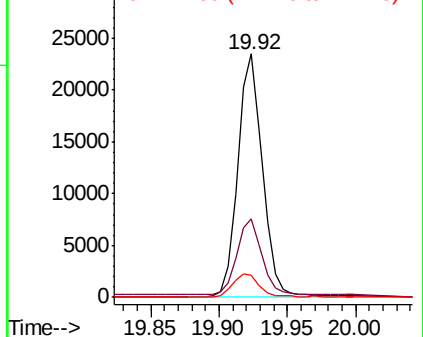
244 100

212 32.3 25.8 38.8

122 9.0 8.7 13.1



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: 0.062 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

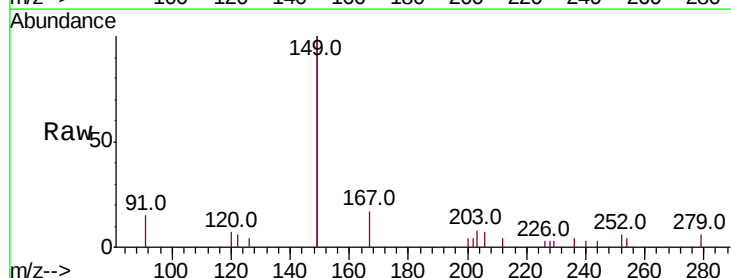
Tgt Ion:149 Resp: 4177

Ion Ratio Lower Upper

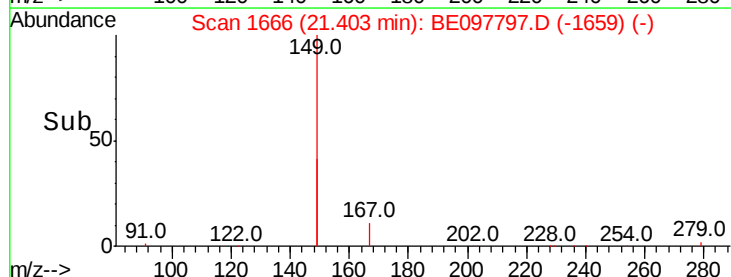
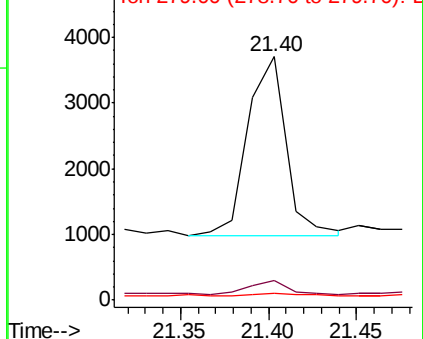
149 100

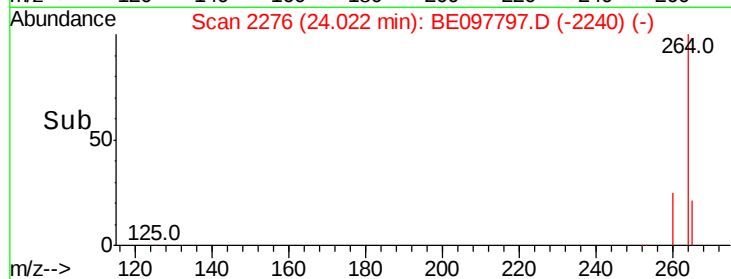
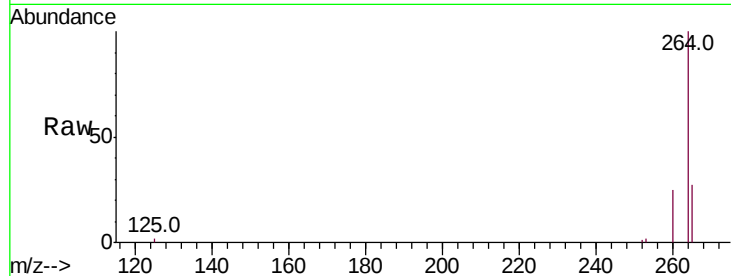
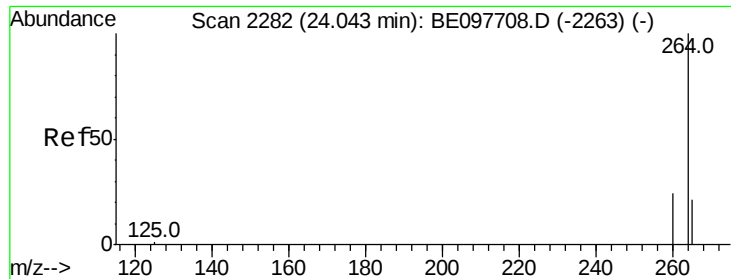
167 6.9 5.5 8.3

279 1.6 0.9 1.3#



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: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE097797.D

Acq: 8 Oct 2018 16:50

Instrument :

BNA_E

ClientSampleId :

RE-125D1-20181001

Tot Ion:264 Resp: 31195

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

265 27.1 21.9 32.9

