

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097791.D
 Acq On : 8 Oct 2018 13:09
 Operator : SJ/JU
 Sample : J5284-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001

Quant Time: Oct 09 06:56:37 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

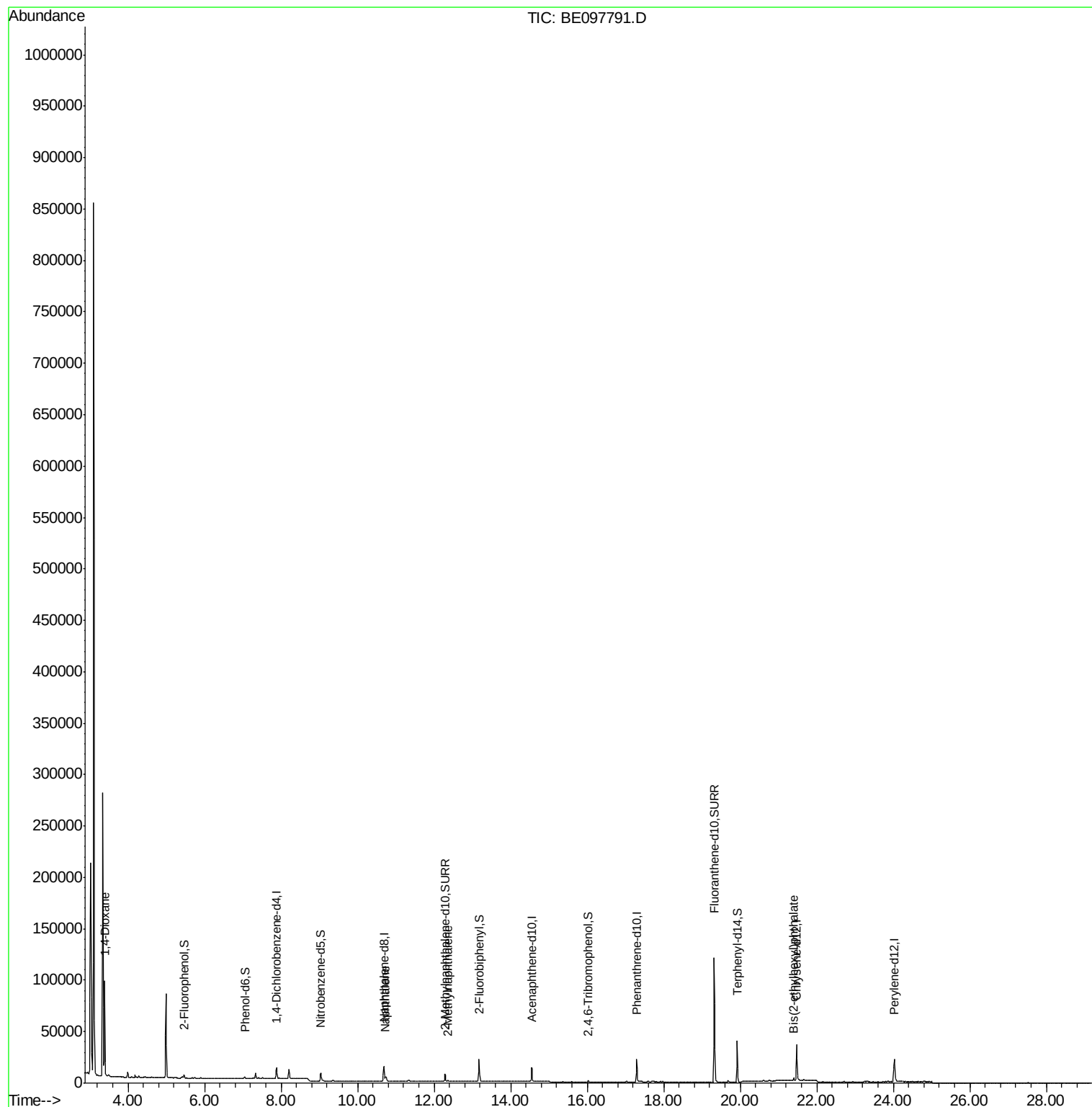
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4676	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	18328	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	10076	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	29885	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	38345	0.40	ng	-0.01
34) Perylene-d12	24.02	264	35309	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1639	0.15	ng	-0.01
5) Phenol-d6	7.05	99	1378	0.08	ng	0.00
8) Nitrobenzene-d5	9.04	82	3851	0.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	11485	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	16.03	330	699	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	21941	0.49	ng	-0.02
25) Fluoranthene-d10	19.33	212	167760	0.44	ng	0.00
29) Terphenyl-d14	19.92	244	34443	0.44	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.40	88	54704	5.871	ng	Qvalue 97
9) Naphthalene	10.73	128	7331	0.040	ng	# 96
12) 2-Methylnaphthalene	12.37	142	602	0.020	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.40	149	2900	0.038	ng	# 98

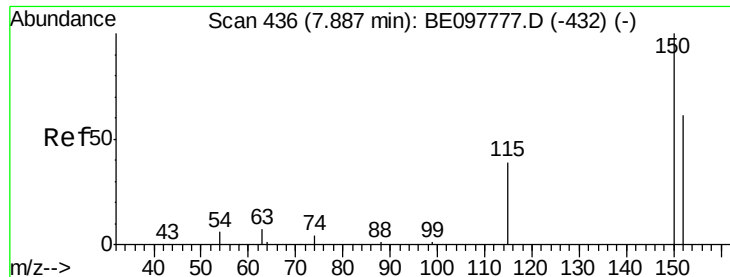
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

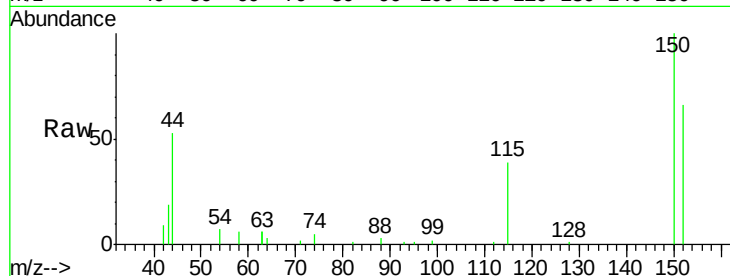
Tgt Ion:152 Resp: 4676

Ion Ratio Lower Upper

152 100

150 152.0 120.9 181.3

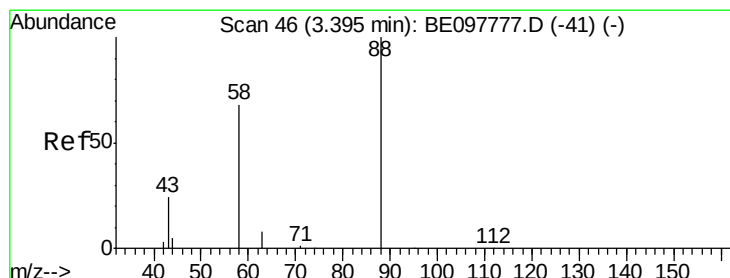
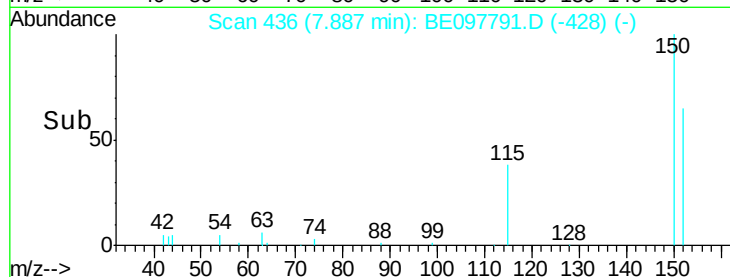
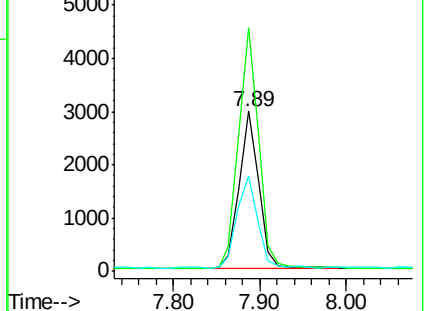
115 59.4 46.6 69.8



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: 5.871 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

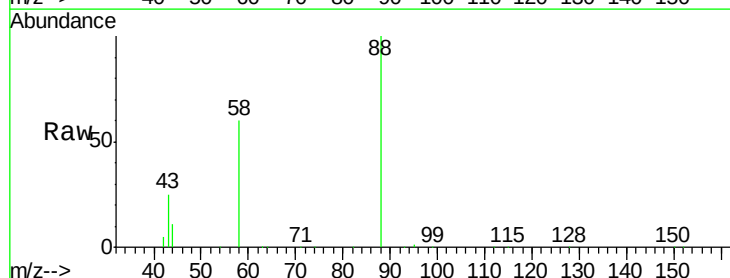
Tgt Ion: 88 Resp: 54704

Ion Ratio Lower Upper

88 100

58 87.2 70.8 106.2

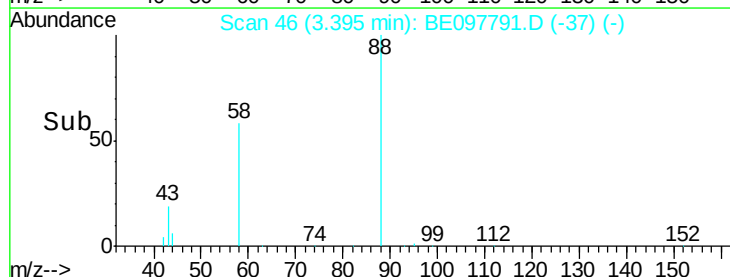
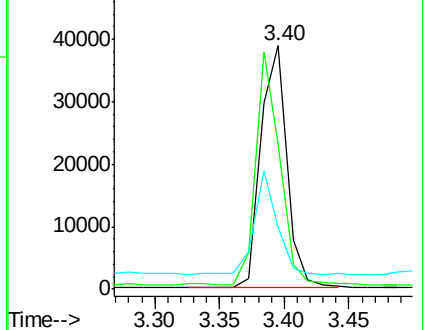
43 36.9 33.3 49.9

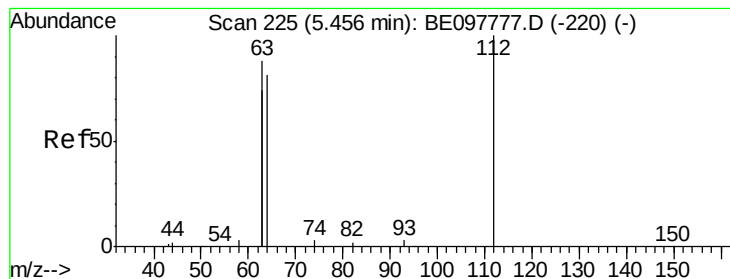


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

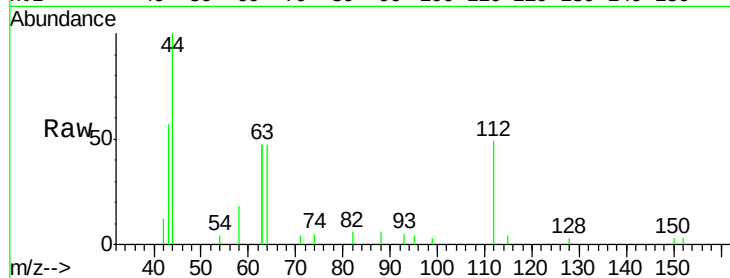
Tgt Ion: 112 Resp: 1639

Ion Ratio Lower Upper

112 100

64 77.1 56.6 84.8

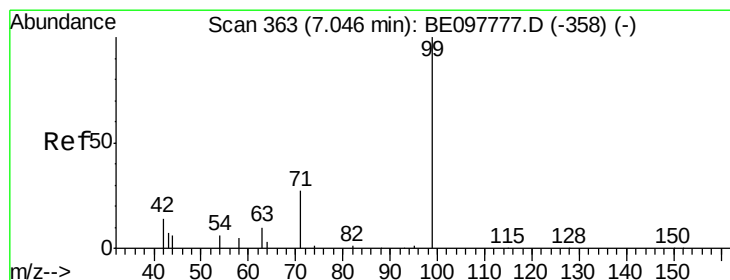
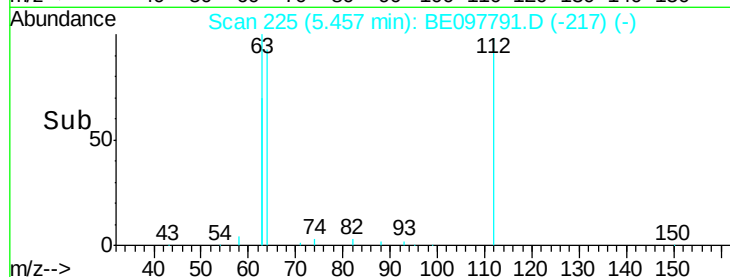
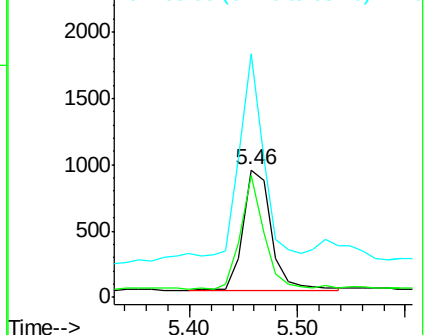
63 140.1 119.4 179.0



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: 0.081 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

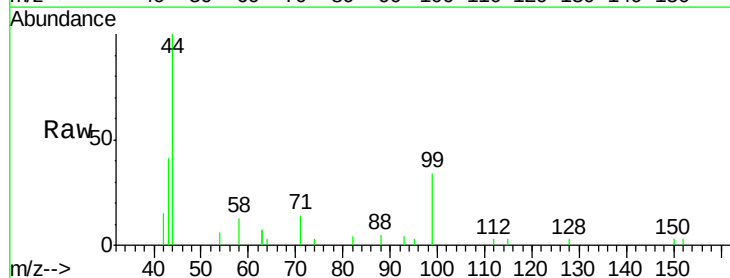
Tgt Ion: 99 Resp: 1378

Ion Ratio Lower Upper

99 100

42 33.7 19.9 29.9#

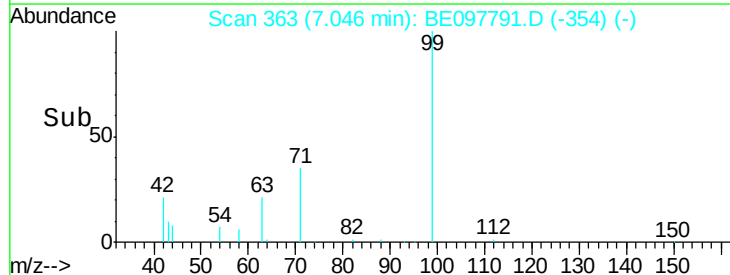
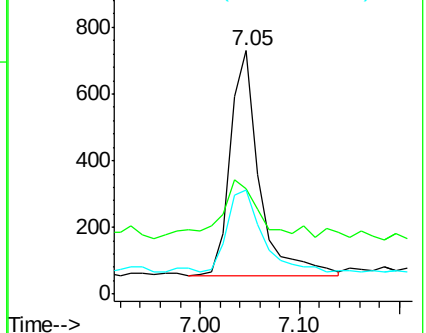
71 44.8 25.4 38.2#

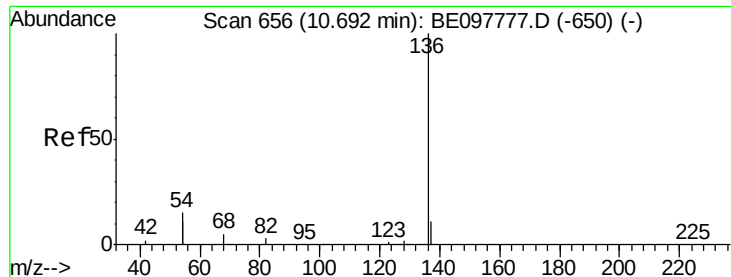


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097791.D

Acq: 8 Oct 2018 13:09

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

Tgt Ion: 136 Resp: 18328

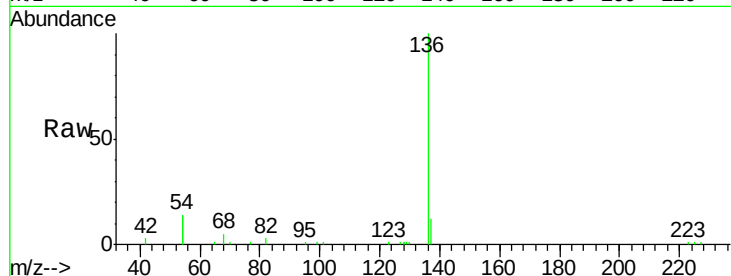
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 28.0 37.8 56.6#

68 5.0 6.4 9.6#

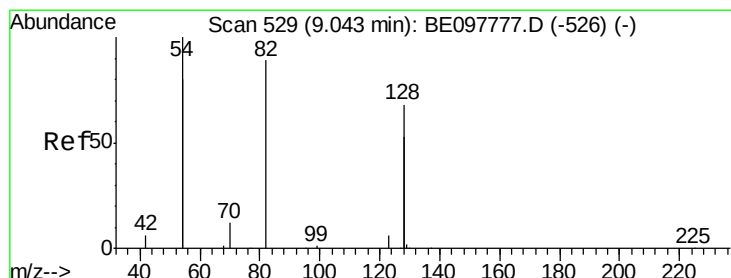
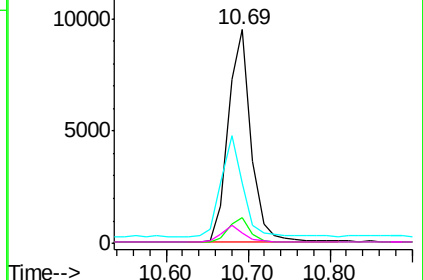
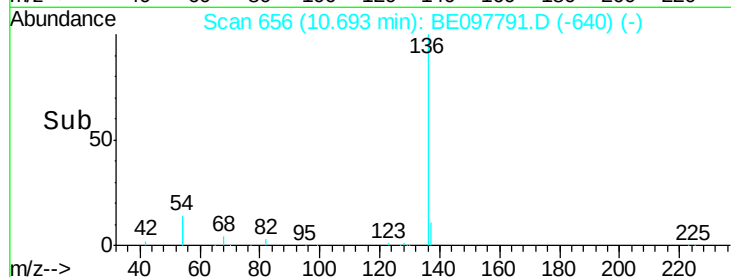


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.647 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

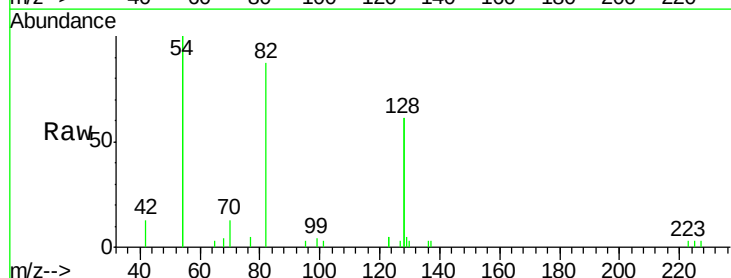
Tgt Ion: 82 Resp: 3851

Ion Ratio Lower Upper

82 100

128 140.1 97.0 145.4

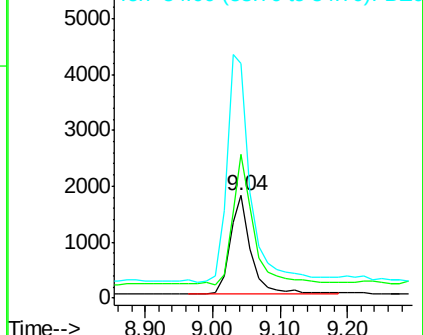
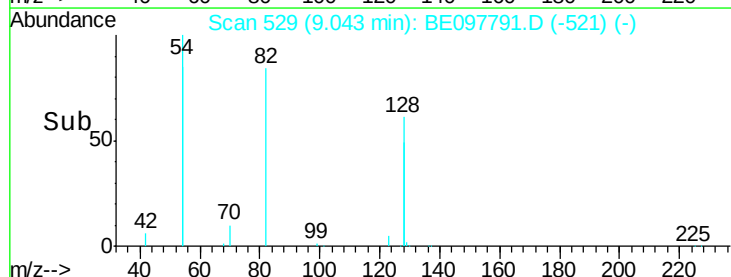
54 228.9 206.9 310.3

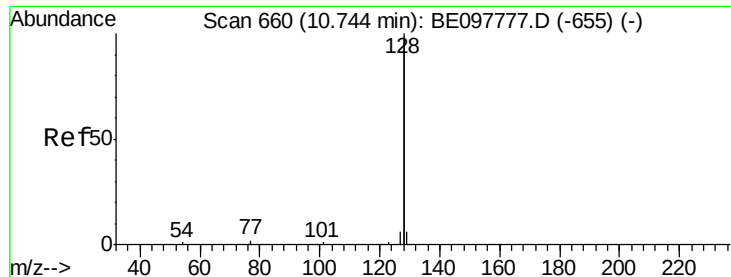


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

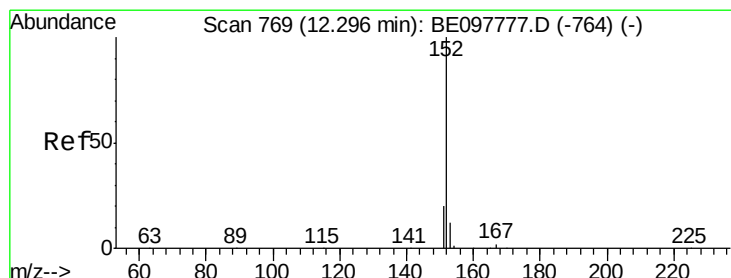
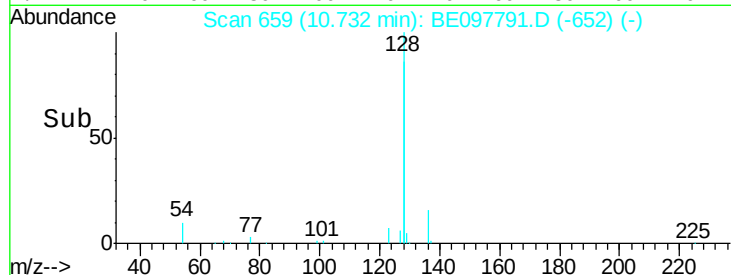
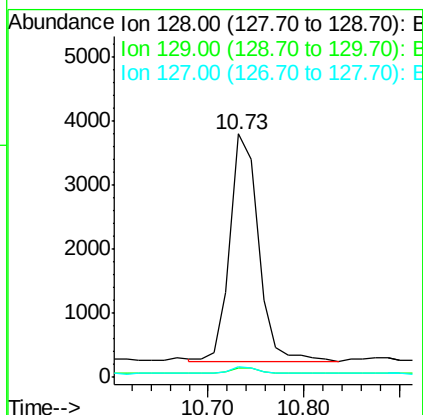
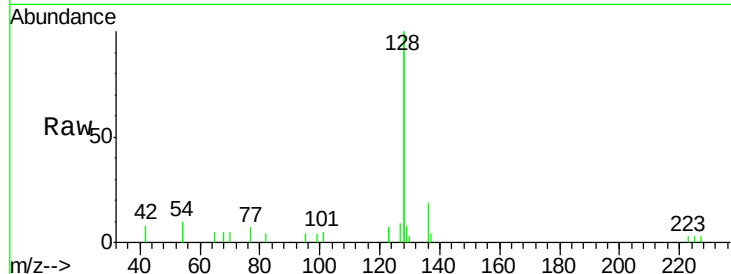




#9
Naphthalene
Concen: 0.040 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE097791.D
Acq: 8 Oct 2018 13:09

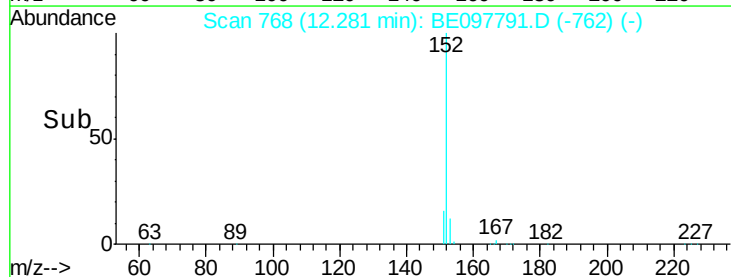
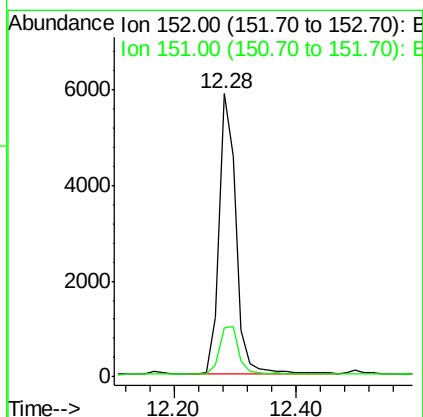
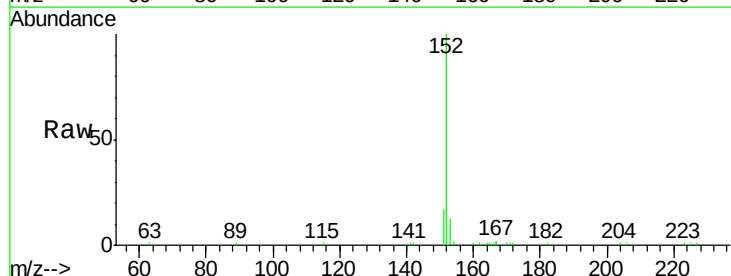
Instrument :
BNA_E
ClientSampleId :
RE-125D2-2018001

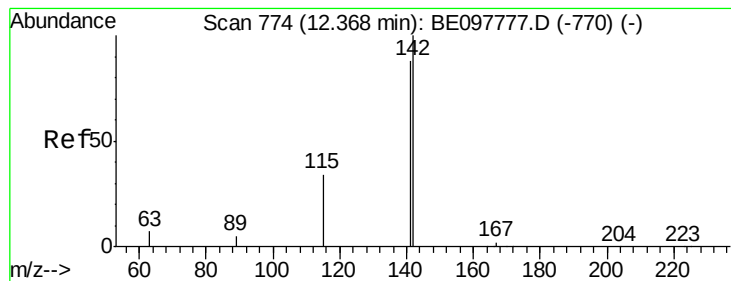
Tgt Ion:128 Resp: 7331
Ion Ratio Lower Upper
128 100
129 4.1 2.2 3.2#
127 4.6 2.7 4.1#



#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.02 min
Lab File: BE097791.D
Acq: 8 Oct 2018 13:09

Tgt Ion:152 Resp: 11485
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.2





#12

2-Methylnaphthalene

Concen: 0.020 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

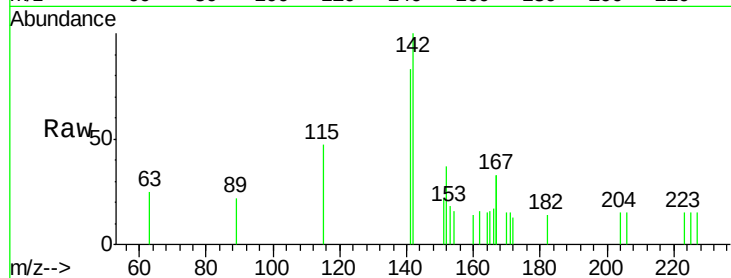
Tgt Ion:142 Resp: 602

Ion Ratio Lower Upper

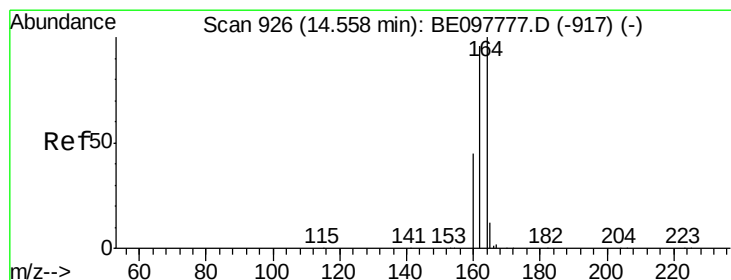
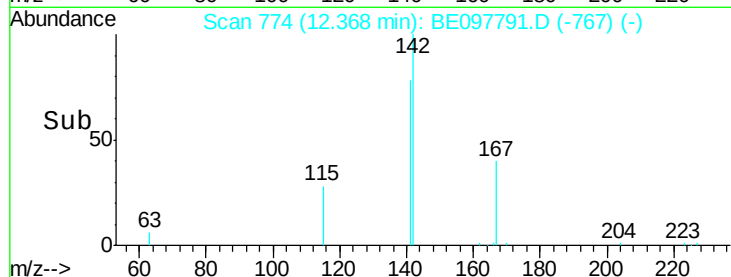
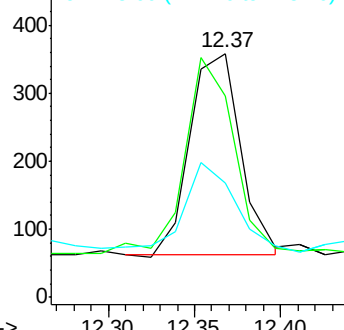
142 100

141 82.7 69.4 104.2

115 46.6 28.0 42.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.02 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

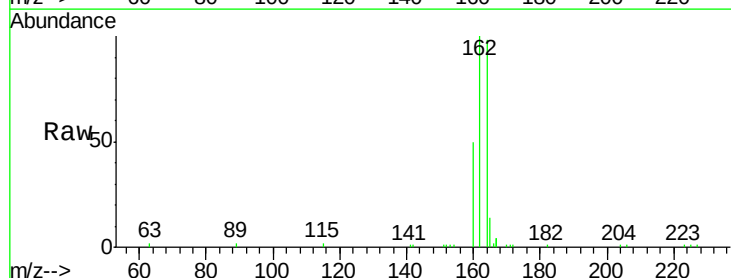
Tgt Ion:164 Resp: 10076

Ion Ratio Lower Upper

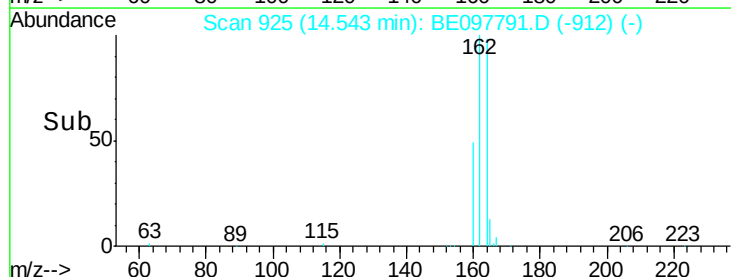
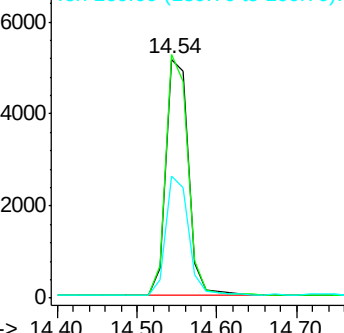
164 100

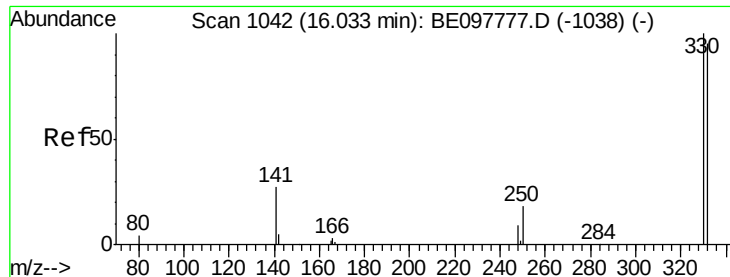
162 101.8 78.6 117.8

160 50.8 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

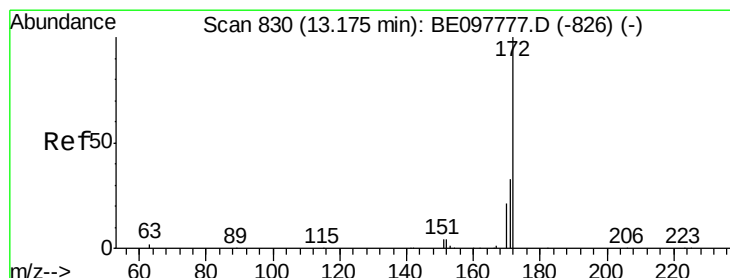
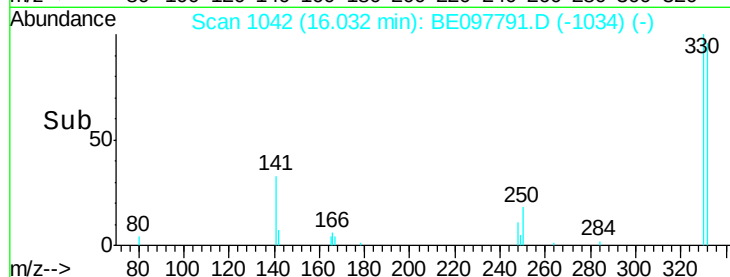
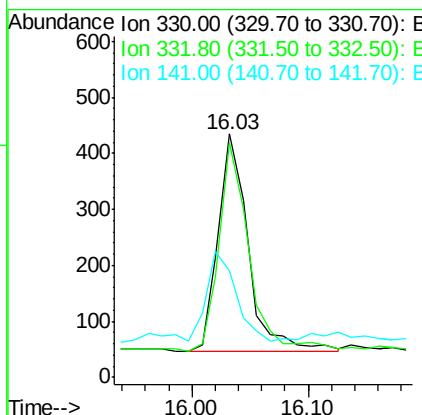
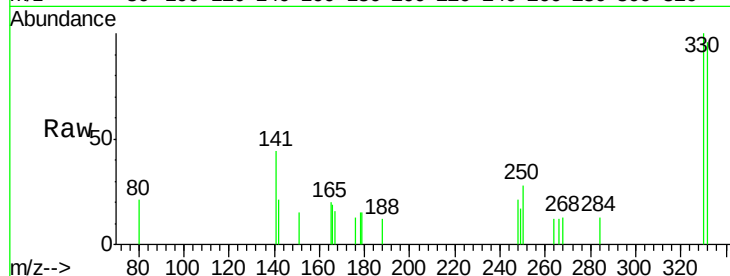




#14
 2,4,6-Tribromophenol
 Concen: 0.383 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097791.D
 Acq: 8 Oct 2018 13:09

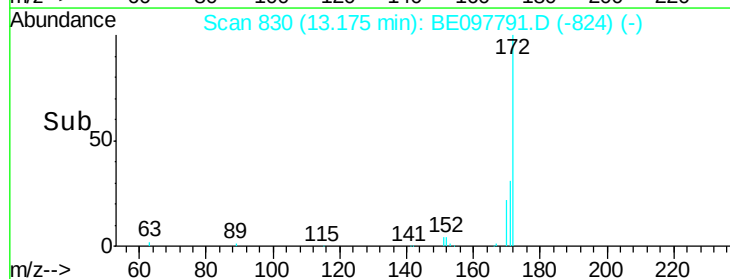
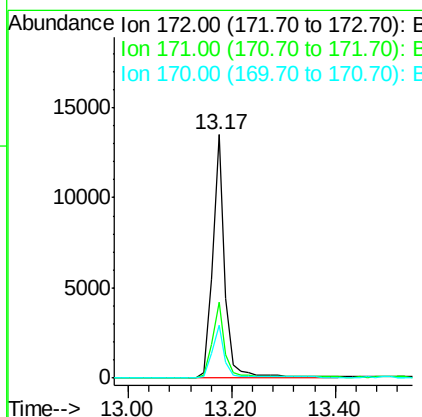
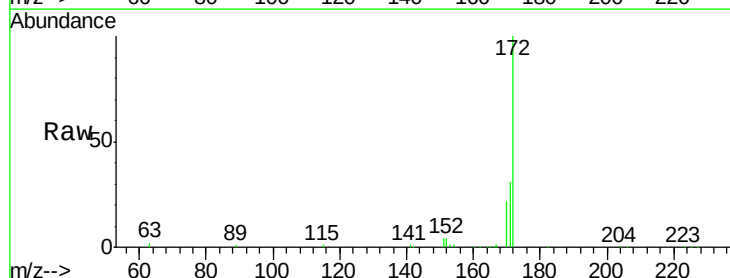
Instrument :
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 RE-125D2-2018001

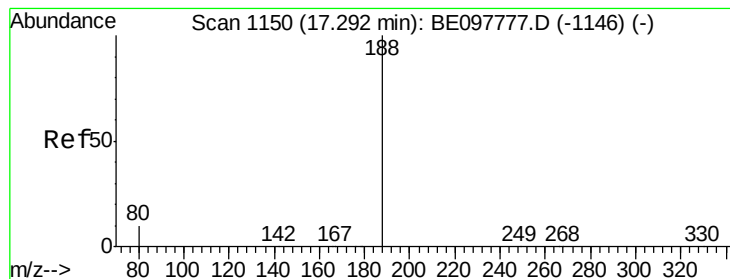
Tgt Ion: 330 Resp: 699
 Ion Ratio Lower Upper
 330 100
 332 91.6 83.5 125.3
 141 41.2 34.9 52.3



#15
 2-Fluorobiphenyl
 Concen: 0.495 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097791.D
 Acq: 8 Oct 2018 13:09

Tgt Ion: 172 Resp: 21941
 Ion Ratio Lower Upper
 172 100
 171 31.1 25.2 37.8
 170 21.8 16.2 24.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

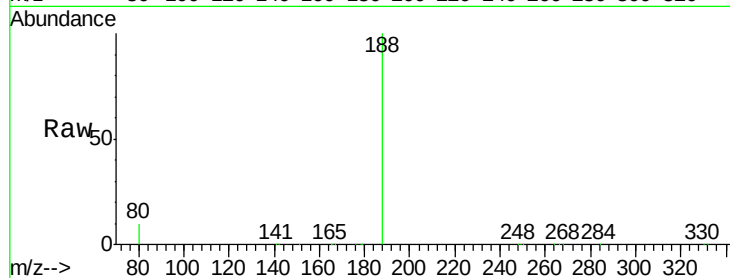
Tgt Ion:188 Resp: 29885

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): E

Ion 80.00 (79.70 to 80.70): E

25000

20000

15000

10000

5000

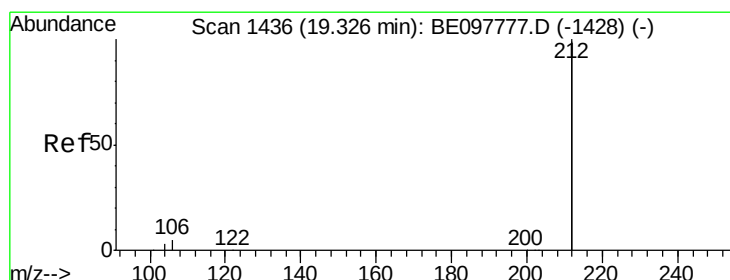
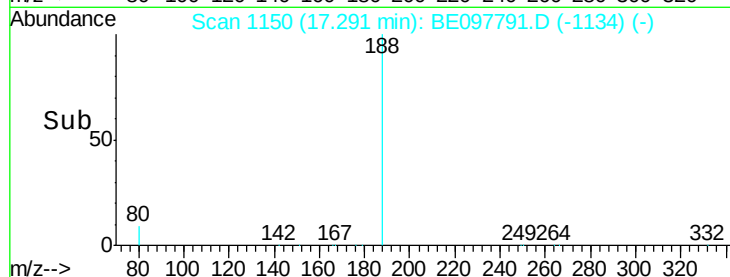
0

17.20

17.30

17.40

Time-->



#25

Fluoranthene-d10

Concen: 0.444 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097791.D

Acq: 8 Oct 2018 13:09

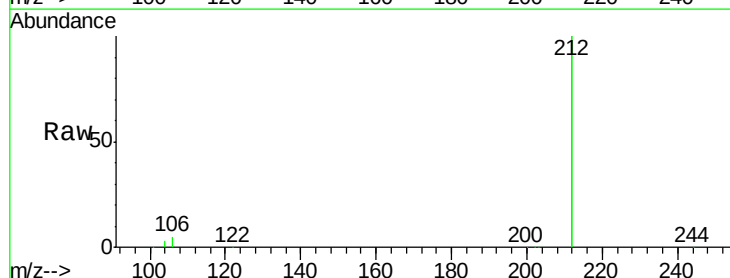
Tgt Ion:212 Resp: 167760

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

104 1.5 1.2 1.8



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

150000

100000

50000

0

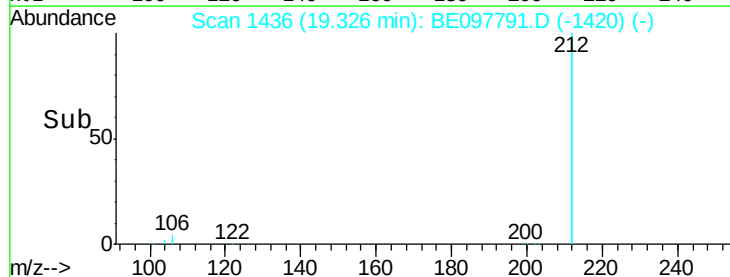
19.20

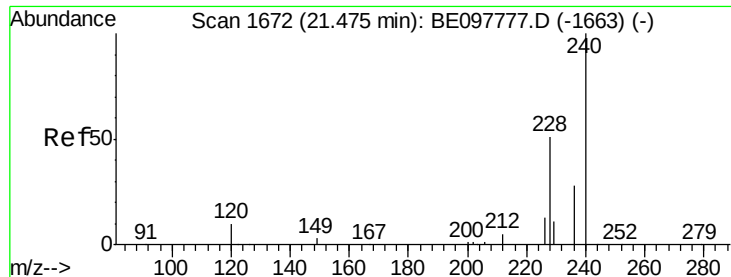
19.30

19.40

19.50

Time-->

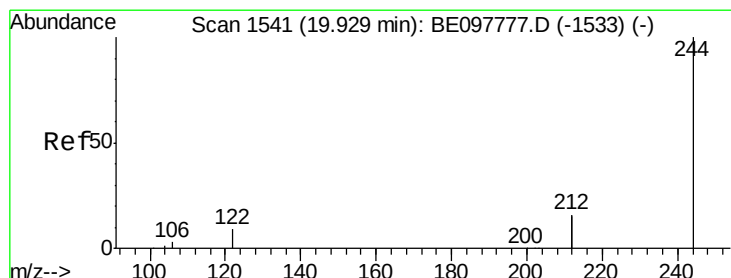
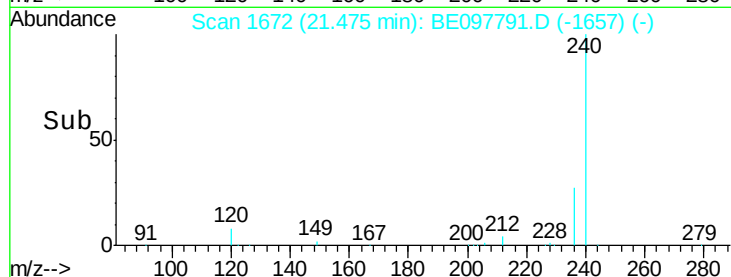
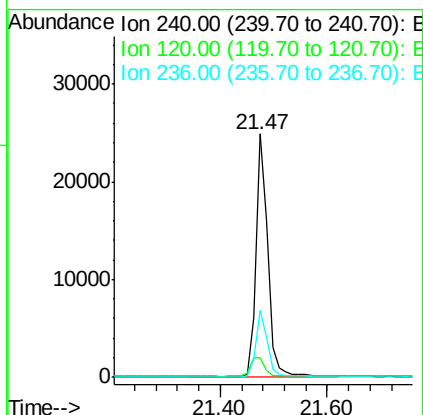
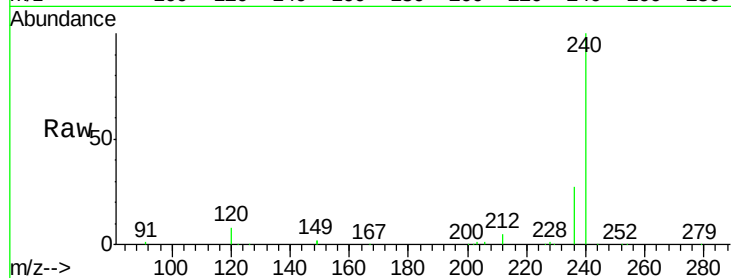




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.47 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097791.D
 Acq: 8 Oct 2018 13:09

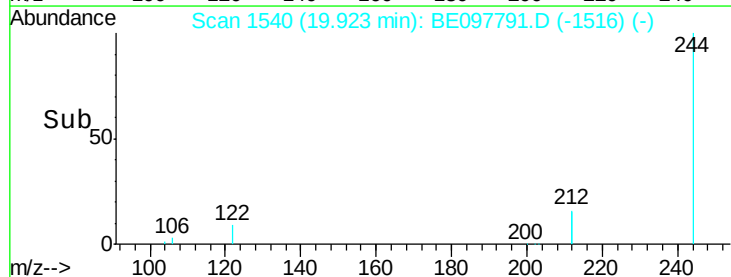
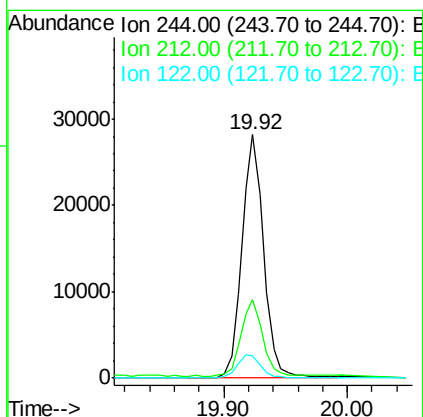
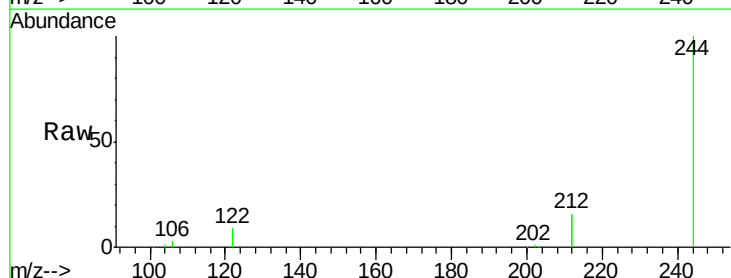
Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001

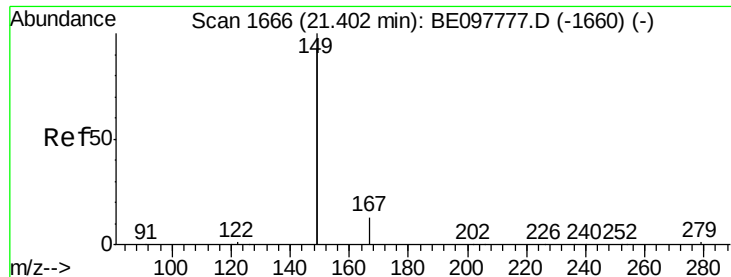
Tgt Ion:240 Resp: 38345
 Ion Ratio Lower Upper
 240 100
 120 8.3 4.7 7.1#
 236 27.2 20.8 31.2



#29
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 19.92 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BE097791.D
 Acq: 8 Oct 2018 13:09

Tgt Ion:244 Resp: 34443
 Ion Ratio Lower Upper
 244 100
 212 32.1 25.8 38.8
 122 9.1 8.7 13.1

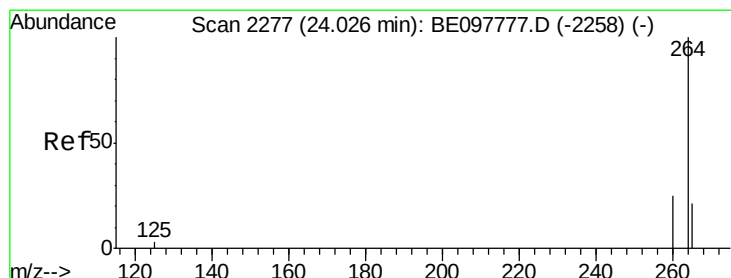
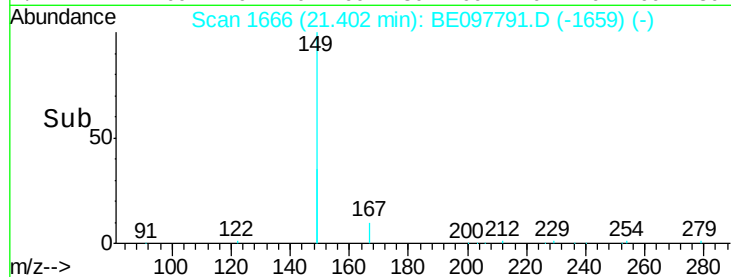
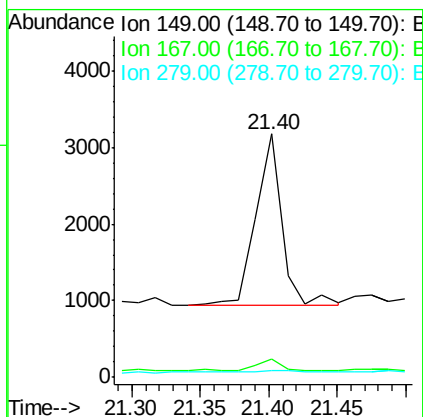
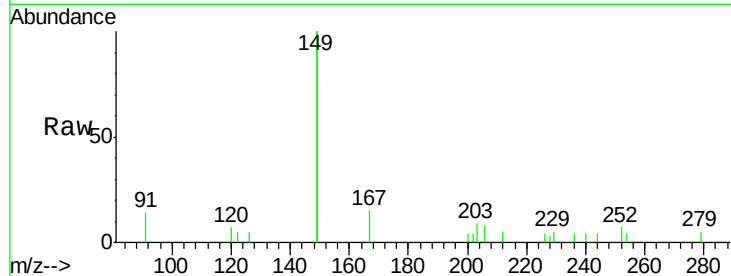




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.038 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097791.D
 Acq: 8 Oct 2018 13:09

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001

Tgt Ion:149 Resp: 2900
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.5 8.3
 279 2.3 0.9 1.3#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE097791.D
 Acq: 8 Oct 2018 13:09

Tgt Ion:264 Resp: 35309
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 25.8 21.9 32.9

