

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100518\
 Data File : BE097778.D
 Acq On : 6 Oct 2018 6:20
 Operator : SJ/JU
 Sample : J5284-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001

Quant Time: Oct 08 06:38:32 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	7.90	152	4073	0.40	ng	0.00
7) Naphthalene-d8	10.70	136	16210	0.40	ng	0.01
13) Acenaphthene-d10	14.56	164	9152	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	26699	0.40	ng	0.00
27) Chrysene-d12	21.49	240	33433	0.40	ng	0.00
34) Perylene-d12	24.03	264	31383	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1733	0.18	ng	0.00
5) Phenol-d6	7.06	99	1417	0.10	ng	0.01
8) Nitrobenzene-d5	9.05	82	4110	0.78	ng	0.01
11) 2-Methylnaphthalene-d10	12.30	152	10197	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	876	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	18965	0.47	ng	0.00
25) Fluoranthene-d10	19.33	212	147528	0.44	ng	0.00
29) Terphenyl-d14	19.93	244	30132	0.44	ng	0.00

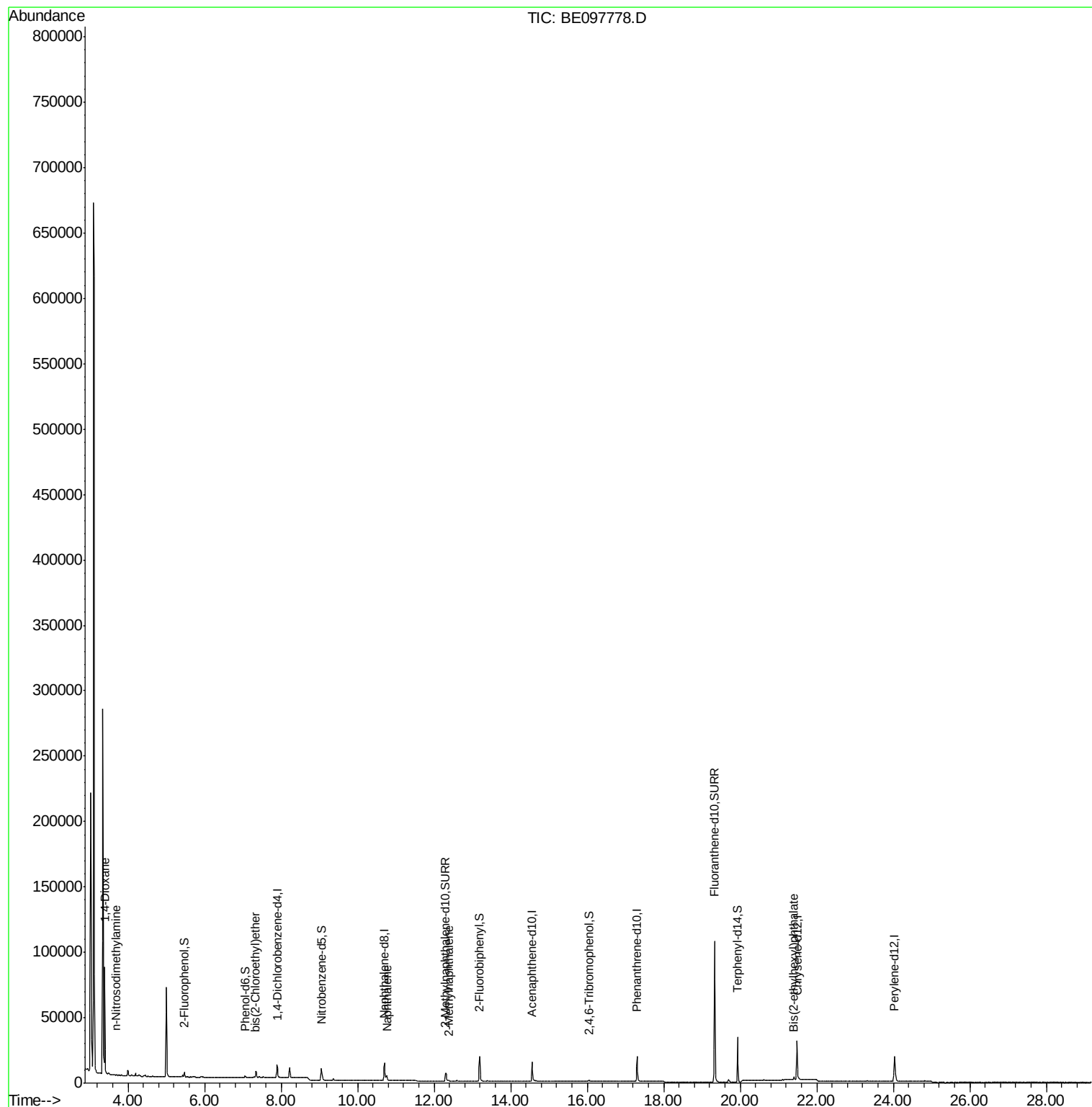
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	49429	6.090	ng	97
3) n-Nitrosodimethylamine	3.69	42	236	0.032	ng	# 9
6) bis(2-Chloroethyl)ether	7.32	93	341	0.022	ng	# 78
9) Naphthalene	10.76	128	6244	0.038	ng	# 97
12) 2-Methylnaphthalene	12.38	142	550	0.021	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.40	149	3699	0.056	ng	# 97

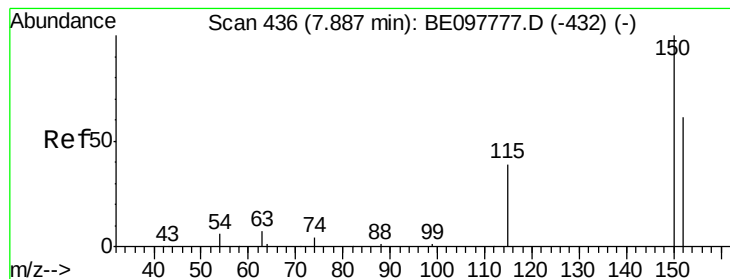
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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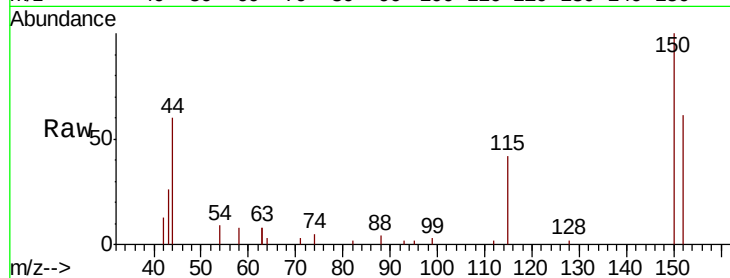


#1

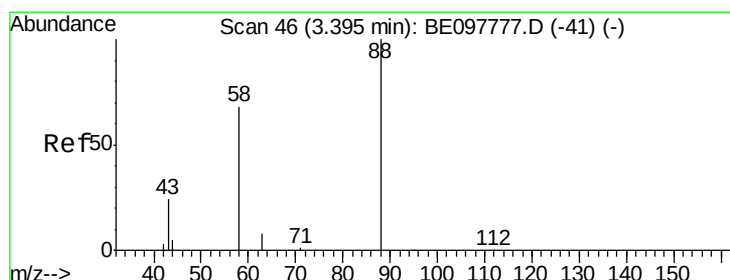
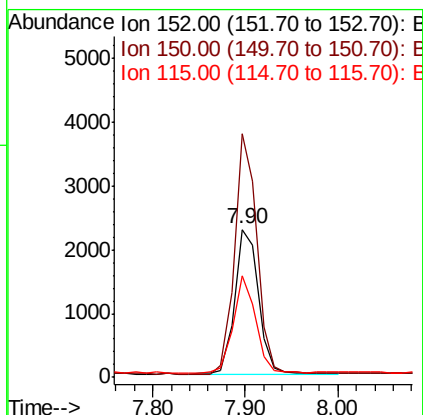
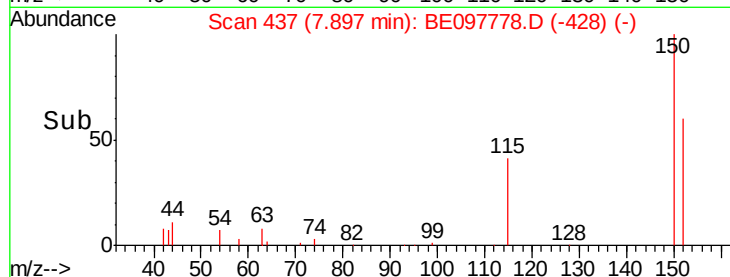
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.90 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BE097778.D
 Acq: 6 Oct 2018 6:20

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001

Tgt Ion:152 Resp: 4073
 Ion Ratio Lower Upper
 152 100
 150 164.5 120.9 181.3
 115 68.6 46.6 69.8



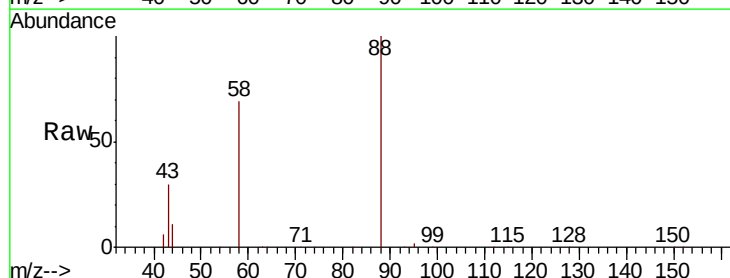
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



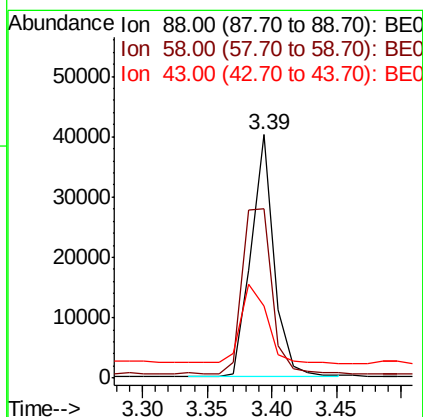
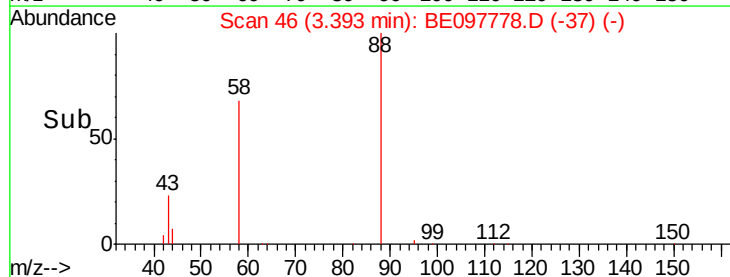
#2

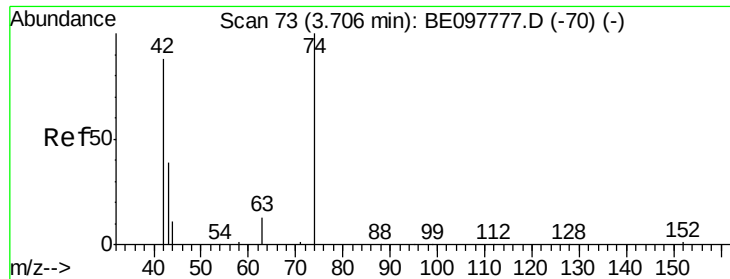
1,4-Dioxane
 Concen: 6.090 ng
 RT: 3.39 min Scan# 46
 Delta R.T. -0.00 min
 Lab File: BE097778.D
 Acq: 6 Oct 2018 6:20

Tgt Ion: 88 Resp: 49429
 Ion Ratio Lower Upper
 88 100
 58 87.2 70.8 106.2
 43 37.7 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





#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

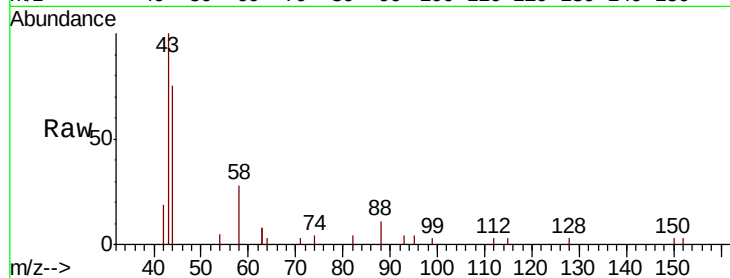
Tgt Ion: 42 Resp: 236

Ion Ratio Lower Upper

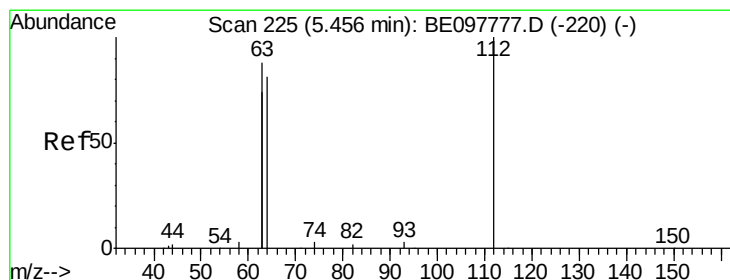
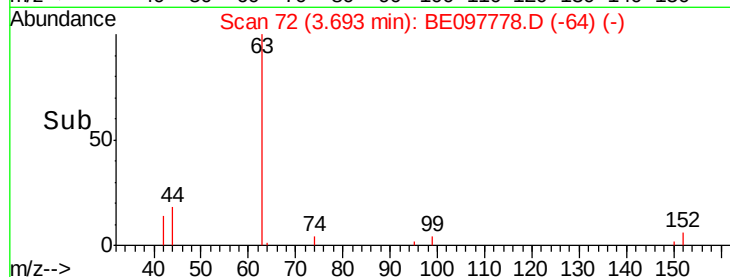
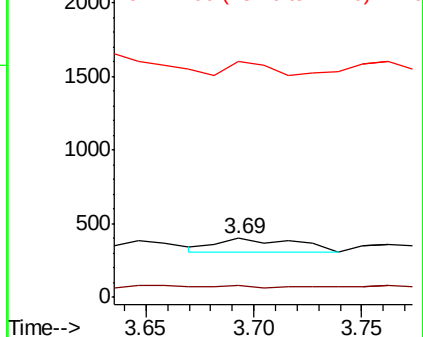
42 100

74 0.0 70.7 106.1#

44 51.7 15.0 22.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.180 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

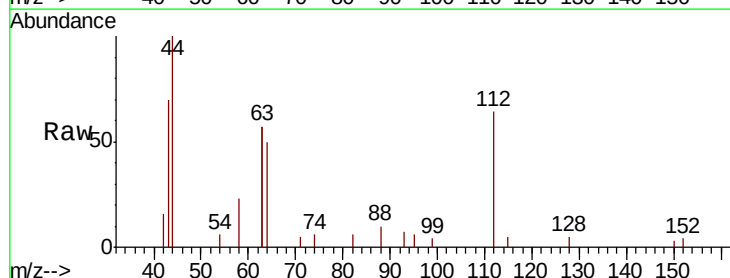
Tgt Ion: 112 Resp: 1733

Ion Ratio Lower Upper

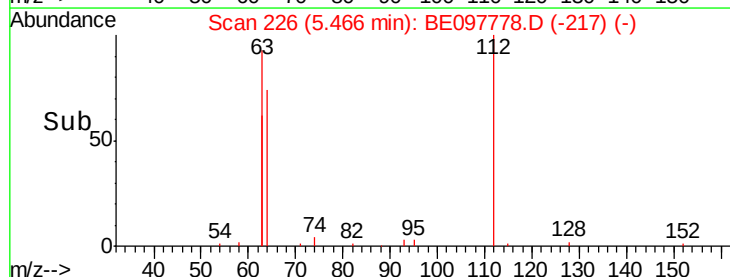
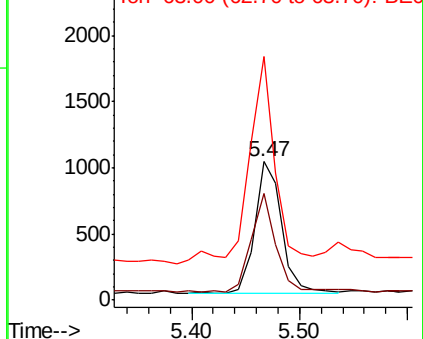
112 100

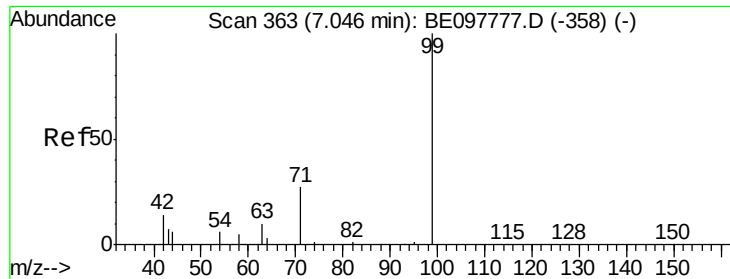
64 67.2 56.6 84.8

63 155.2 119.4 179.0



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: 0.096 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

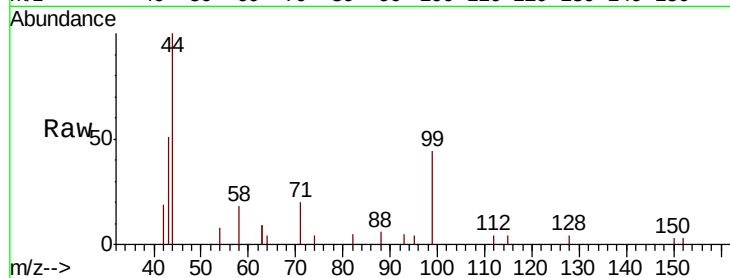
Tgt Ion: 99 Resp: 1417

Ion Ratio Lower Upper

99 100

42 23.4 19.9 29.9

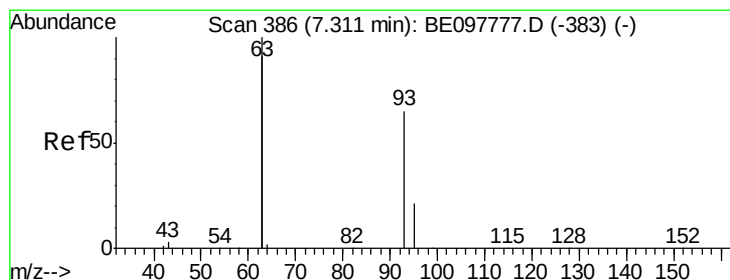
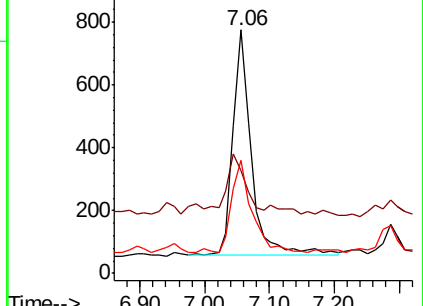
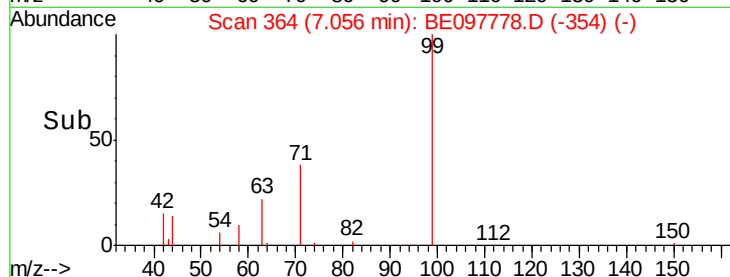
71 44.6 25.4 38.2#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.022 ng

RT: 7.32 min Scan# 387

Delta R.T. 0.01 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

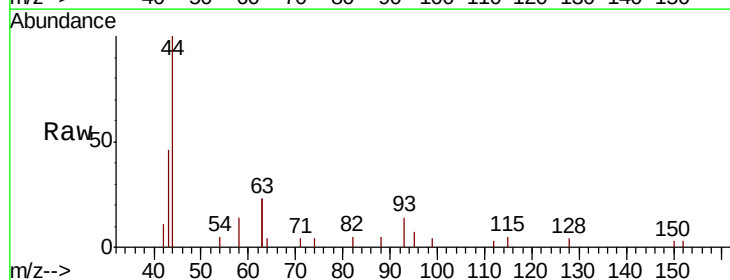
Tgt Ion: 93 Resp: 341

Ion Ratio Lower Upper

93 100

63 284.5 266.9 400.3

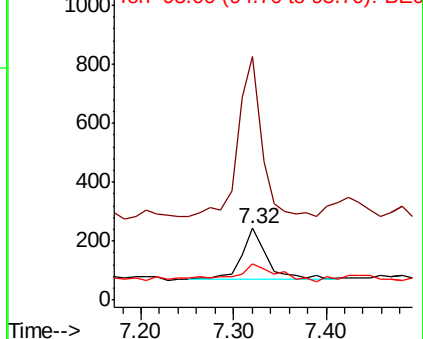
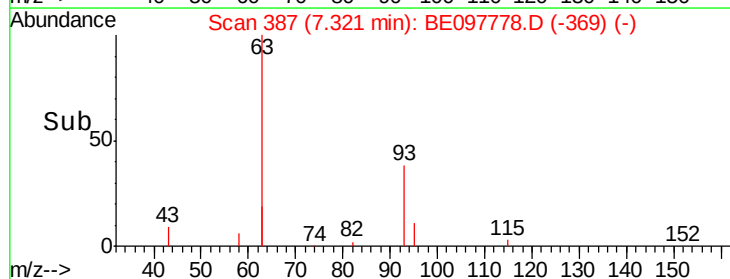
95 40.2 26.2 39.2#

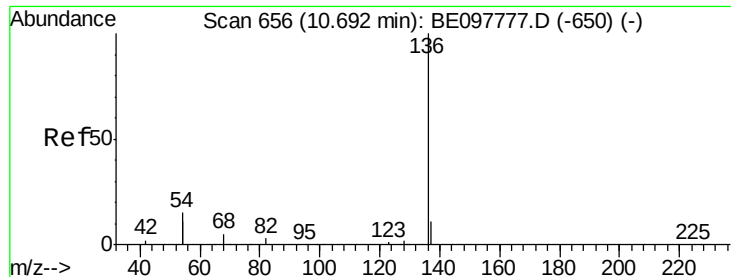


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.70 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

Tgt Ion: 136 Resp: 16210

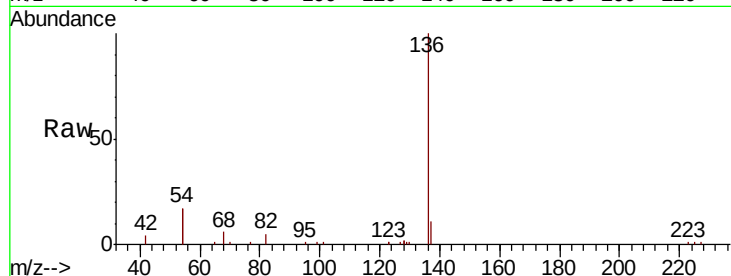
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 34.5 37.8 56.6#

68 5.9 6.4 9.6#

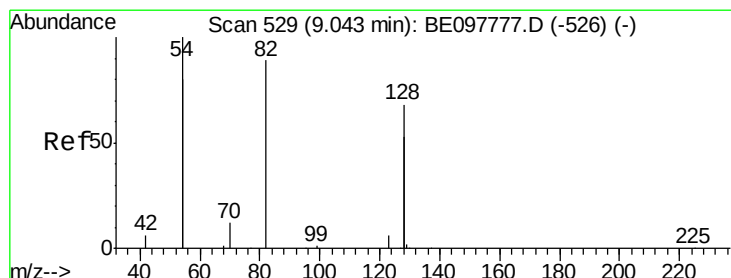
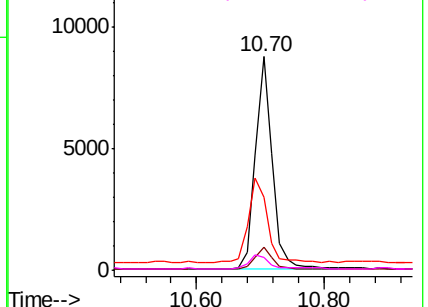
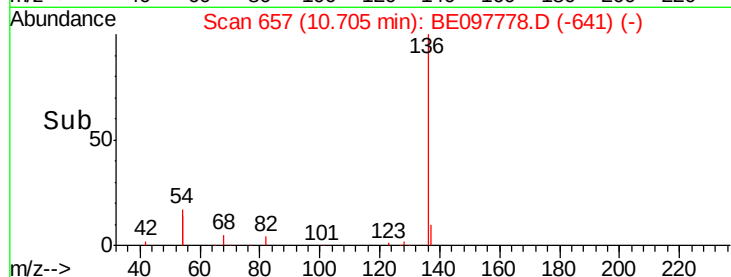


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.781 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

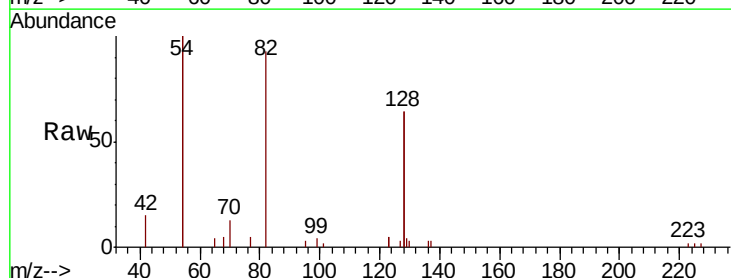
Tgt Ion: 82 Resp: 4110

Ion Ratio Lower Upper

82 100

128 136.8 97.0 145.4

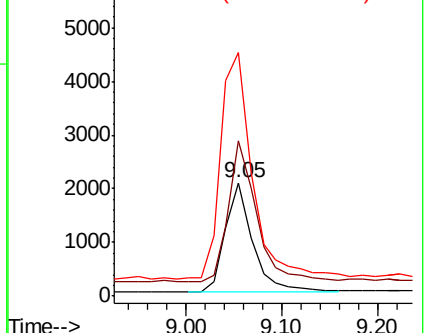
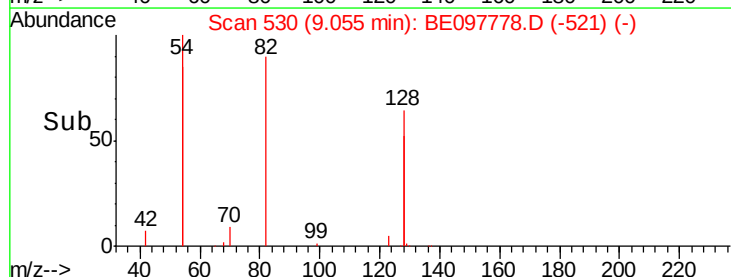
54 215.2 206.9 310.3

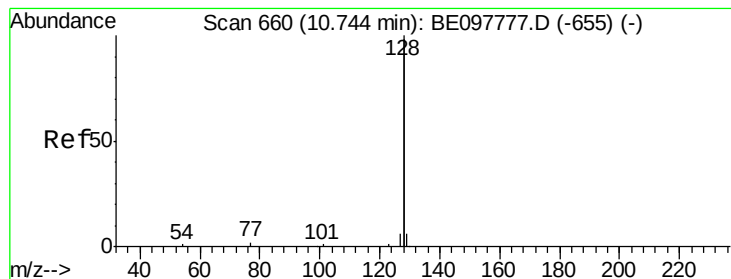


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.038 ng

RT: 10.76 min Scan# 661

Delta R.T. 0.01 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

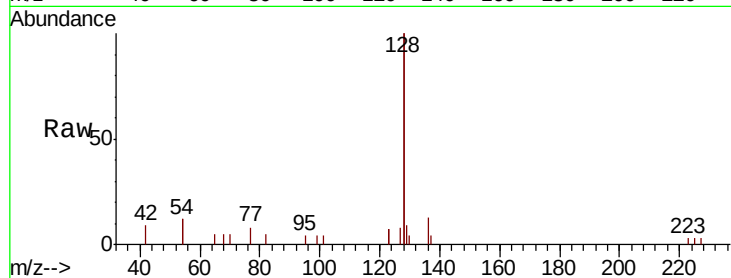
Tgt Ion:128 Resp: 6244

Ion Ratio Lower Upper

128 100

129 4.4 2.2 3.2#

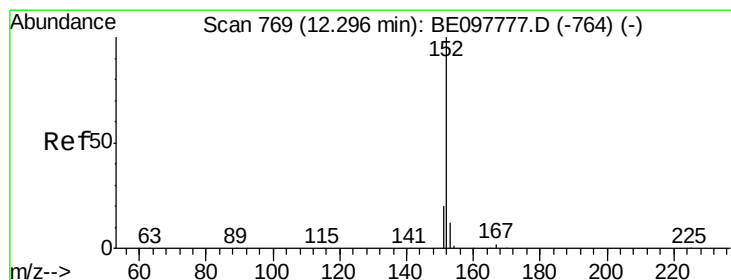
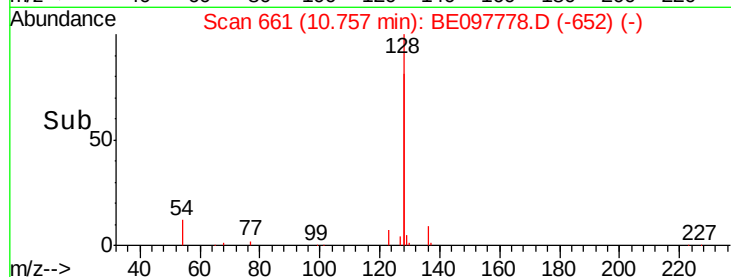
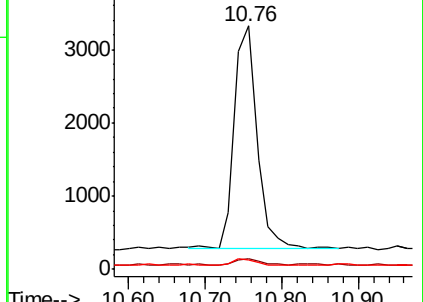
127 3.9 2.7 4.1



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: 0.395 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097778.D

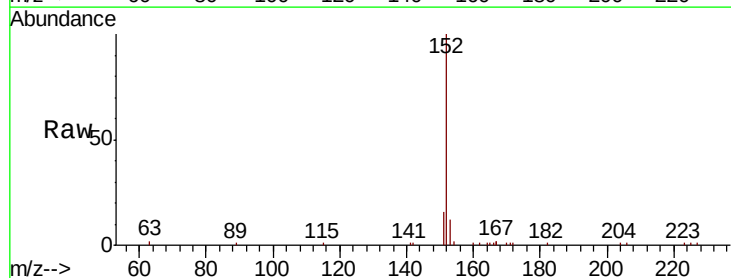
Acq: 6 Oct 2018 6:20

Tgt Ion:152 Resp: 10197

Ion Ratio Lower Upper

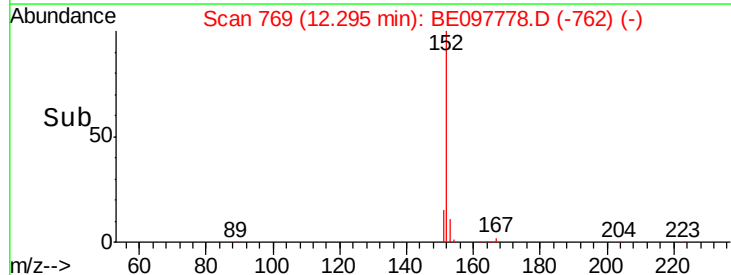
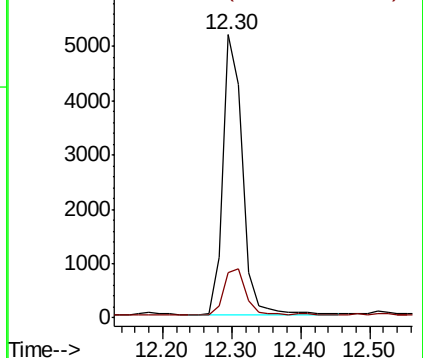
152 100

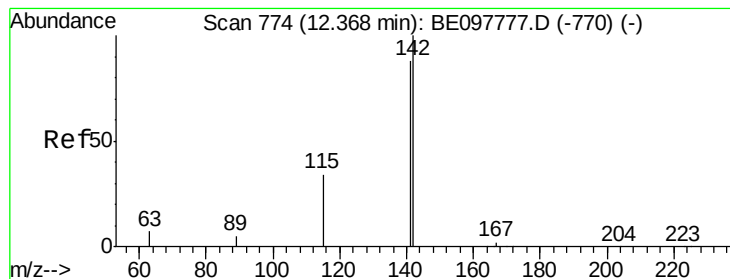
151 18.6 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.021 ng

RT: 12.38 min Scan# 775

Delta R.T. 0.01 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

Instrument :

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ClientSampleId :

RE-125D2-2018001

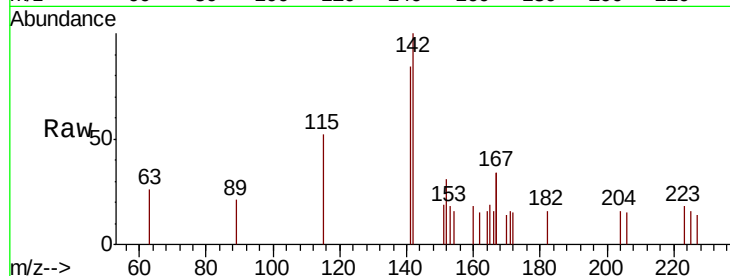
Tgt Ion:142 Resp: 550

Ion Ratio Lower Upper

142 100

141 83.6 69.4 104.2

115 51.9 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

12.38

300

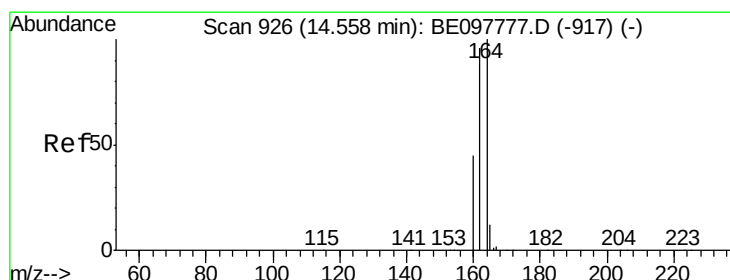
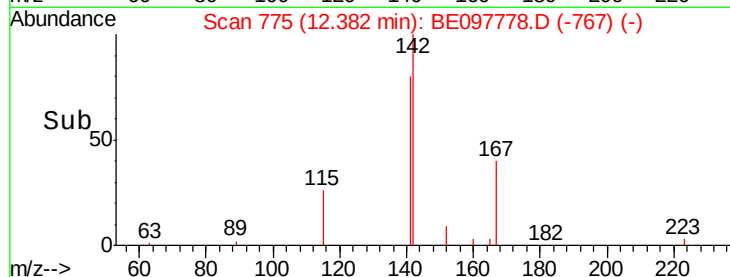
200

100

0

12.30 12.35 12.40 12.45

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

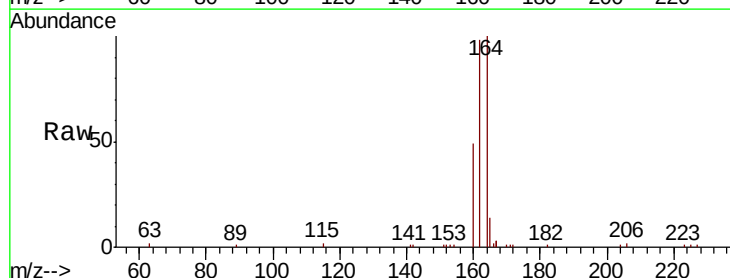
Tgt Ion:164 Resp: 9152

Ion Ratio Lower Upper

164 100

162 97.5 78.6 117.8

160 48.8 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

14.56

6000

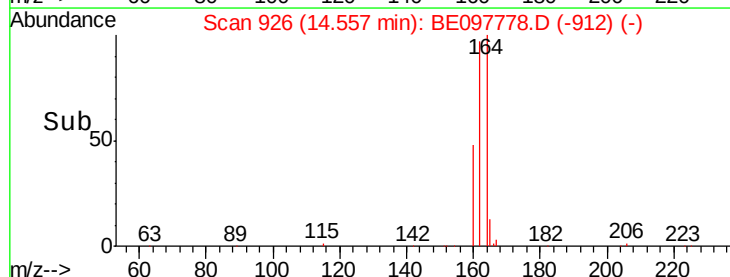
4000

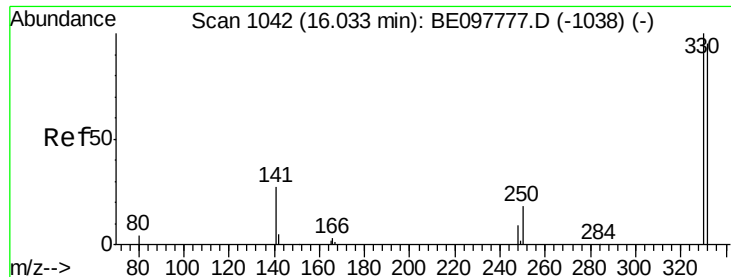
2000

0

14.50 14.60 14.70

Time-->

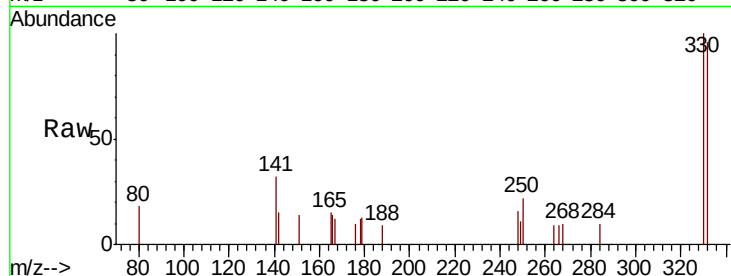




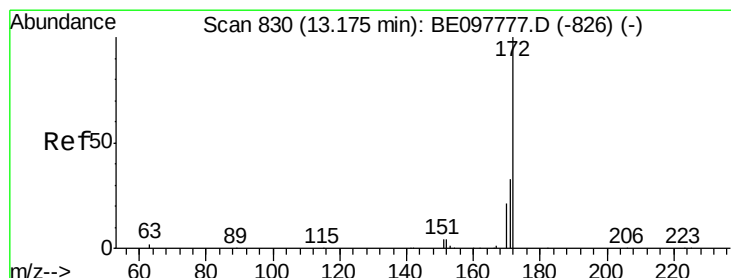
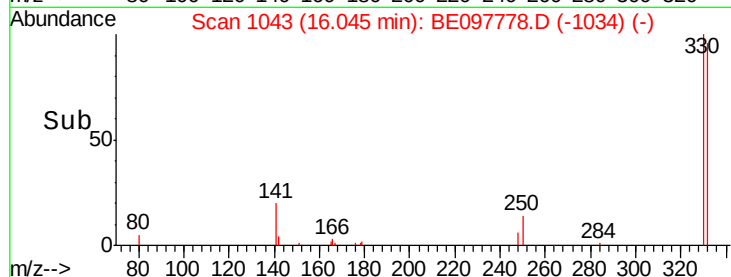
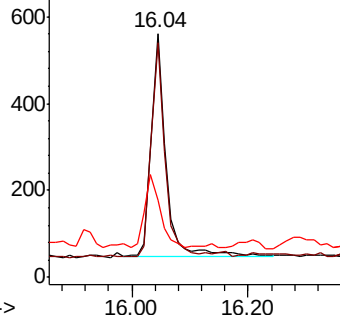
#14
 2,4,6-Tribromophenol
 Concen: 0.528 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097778.D
 Acq: 6 Oct 2018 6:20

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001

Tgt Ion: 330 Resp: 876
 Ion Ratio Lower Upper
 330 100
 332 92.0 83.5 125.3
 141 34.5 34.9 52.3#

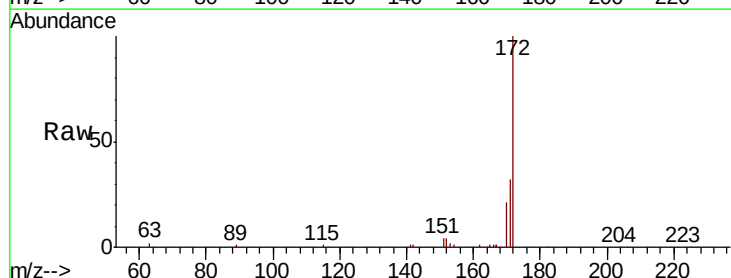


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

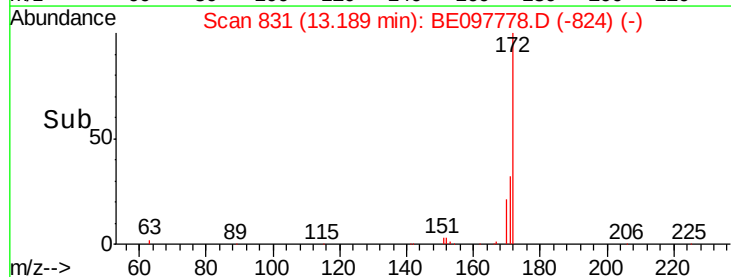
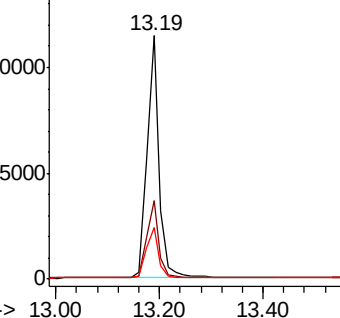


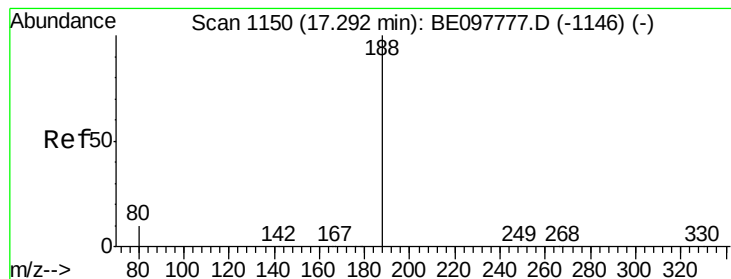
#15
 2-Fluorobiphenyl
 Concen: 0.471 ng
 RT: 13.19 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE097778.D
 Acq: 6 Oct 2018 6:20

Tgt Ion: 172 Resp: 18965
 Ion Ratio Lower Upper
 172 100
 171 32.1 25.2 37.8
 170 21.1 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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

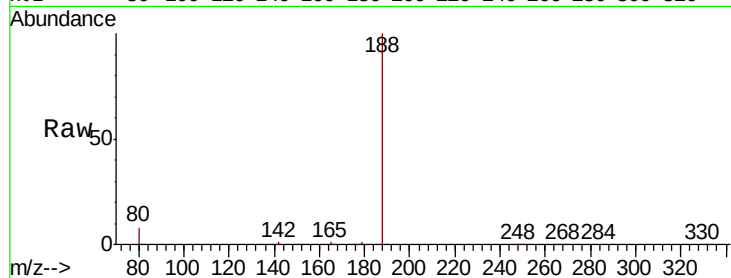
Tgt Ion:188 Resp: 26699

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

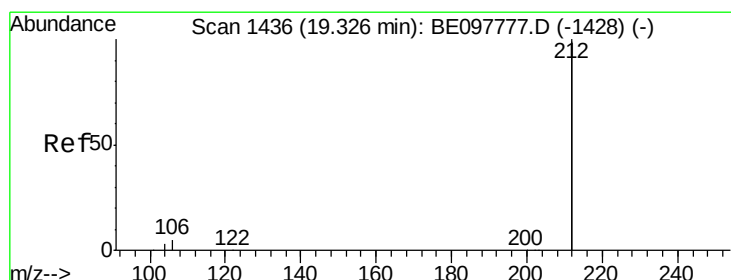
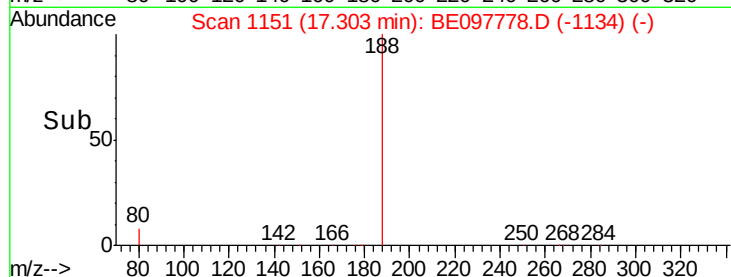
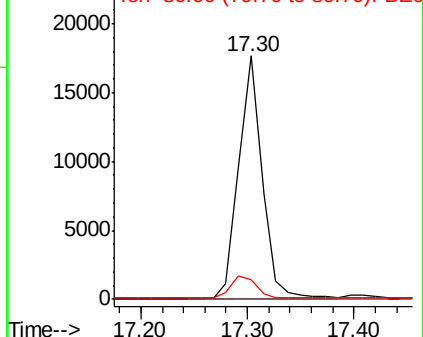
80 8.0 6.6 9.8



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: 0.437 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

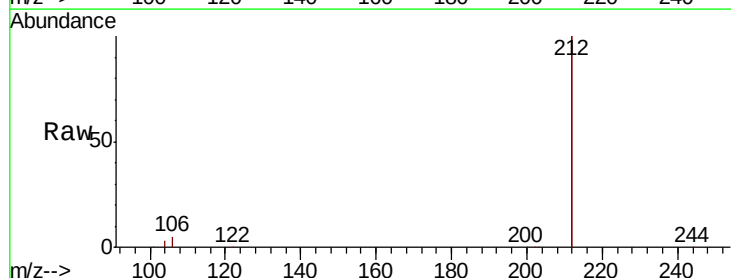
Tgt Ion:212 Resp: 147528

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

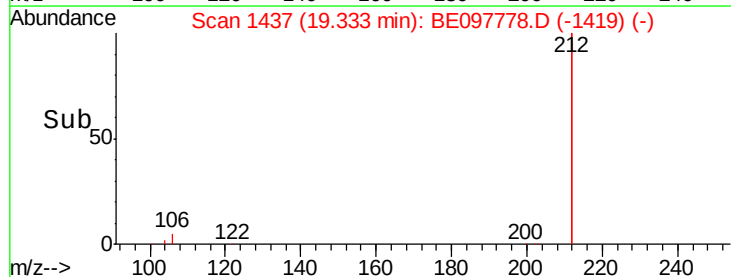
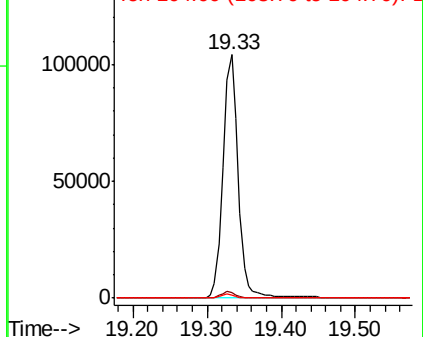
104 1.5 1.2 1.8

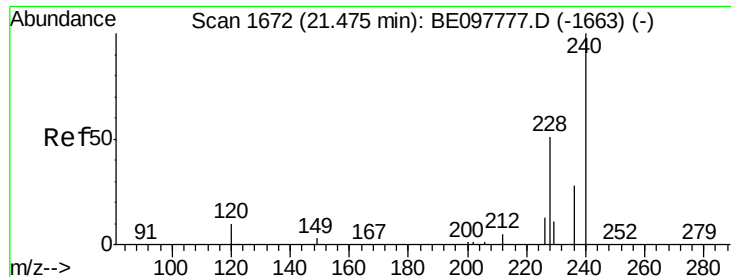


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

Instrument :

BNA_E

ClientSampleId :

RE-125D2-2018001

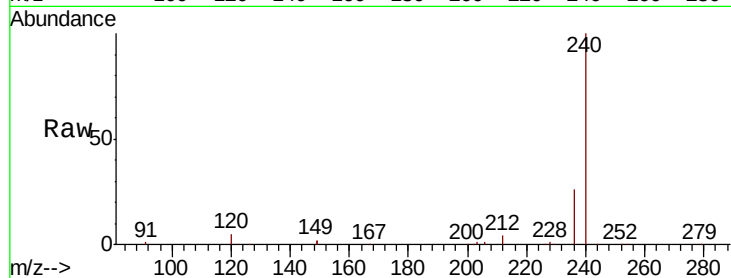
Tgt Ion:240 Resp: 33433

Ion Ratio Lower Upper

240 100

120 5.0 4.7 7.1

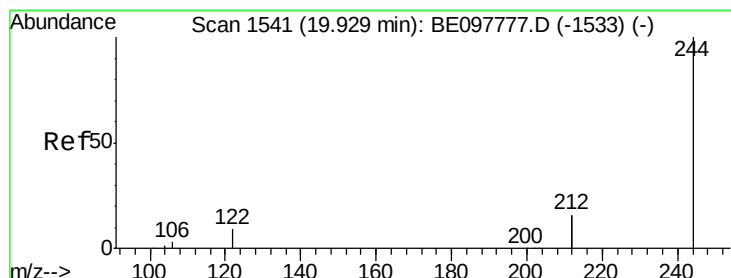
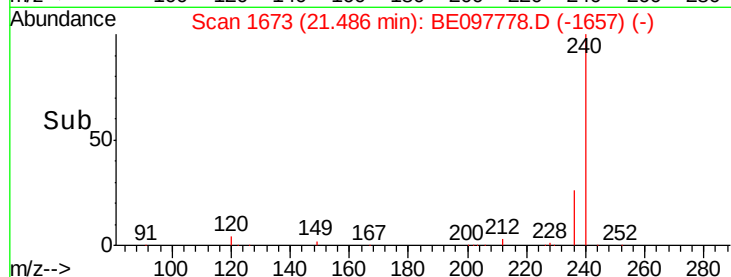
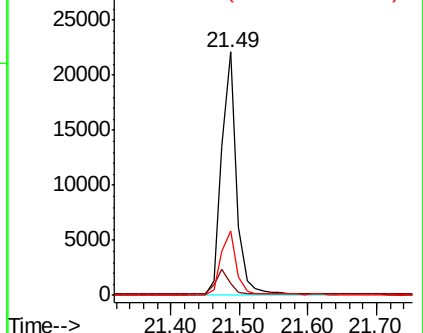
236 26.3 20.8 31.2



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: 0.441 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BE097778.D

Acq: 6 Oct 2018 6:20

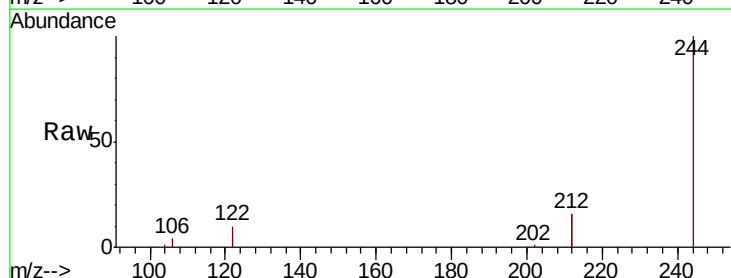
Tgt Ion:244 Resp: 30132

Ion Ratio Lower Upper

244 100

212 31.6 25.8 38.8

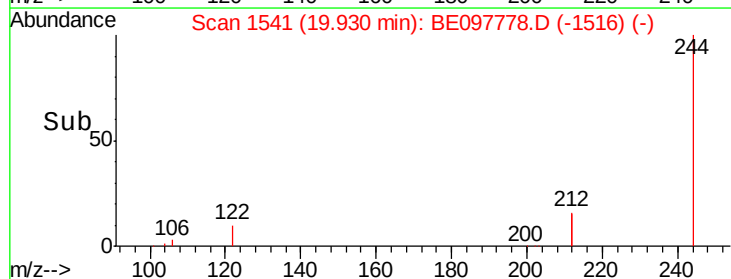
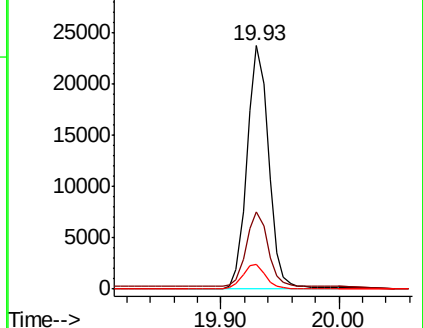
122 10.0 8.7 13.1

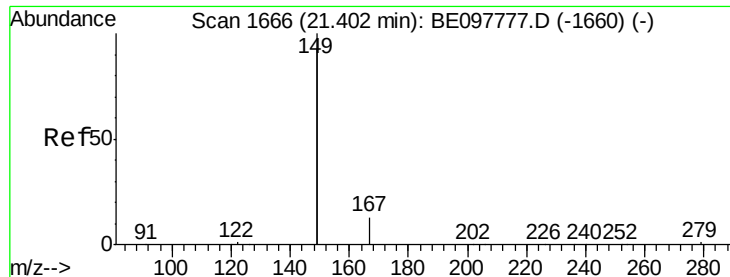


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

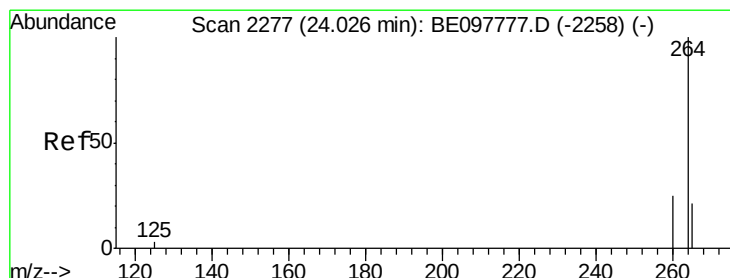
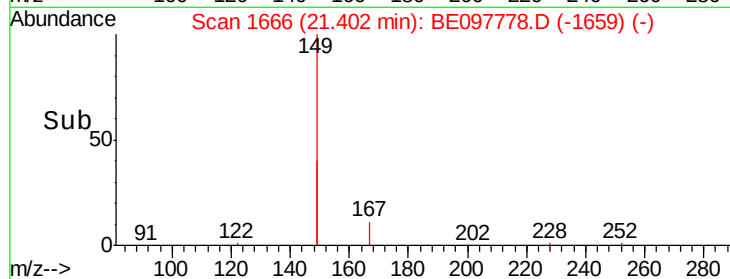
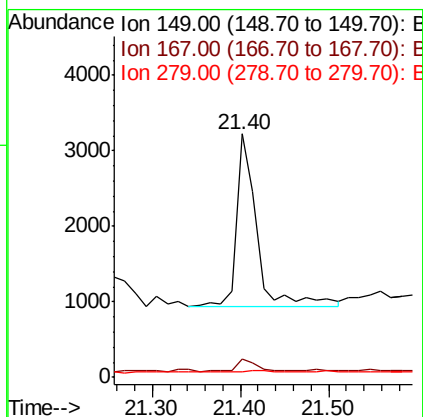
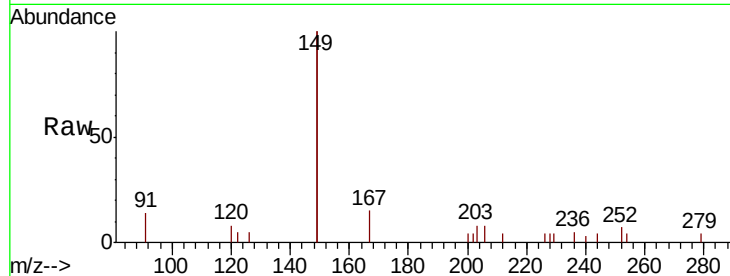




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097778.D
 Acq: 6 Oct 2018 6:20

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-2018001

Tgt Ion:149 Resp: 3699
 Ion Ratio Lower Upper
 149 100
 167 5.7 5.5 8.3
 279 1.3 0.9 1.3#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097778.D
 Acq: 6 Oct 2018 6:20

Tgt Ion:264 Resp: 31383
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.1 28.7
 265 26.8 21.9 32.9

