

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE092818\
 Data File : BE097702.D
 Acq On : 28 Sep 2018 13:41
 Operator : SJ/JU
 Sample : J4992-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ458I-20180918

Quant Time: Sep 28 14:25:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 28 14:22:40 2018
 Response via : Initial Calibration

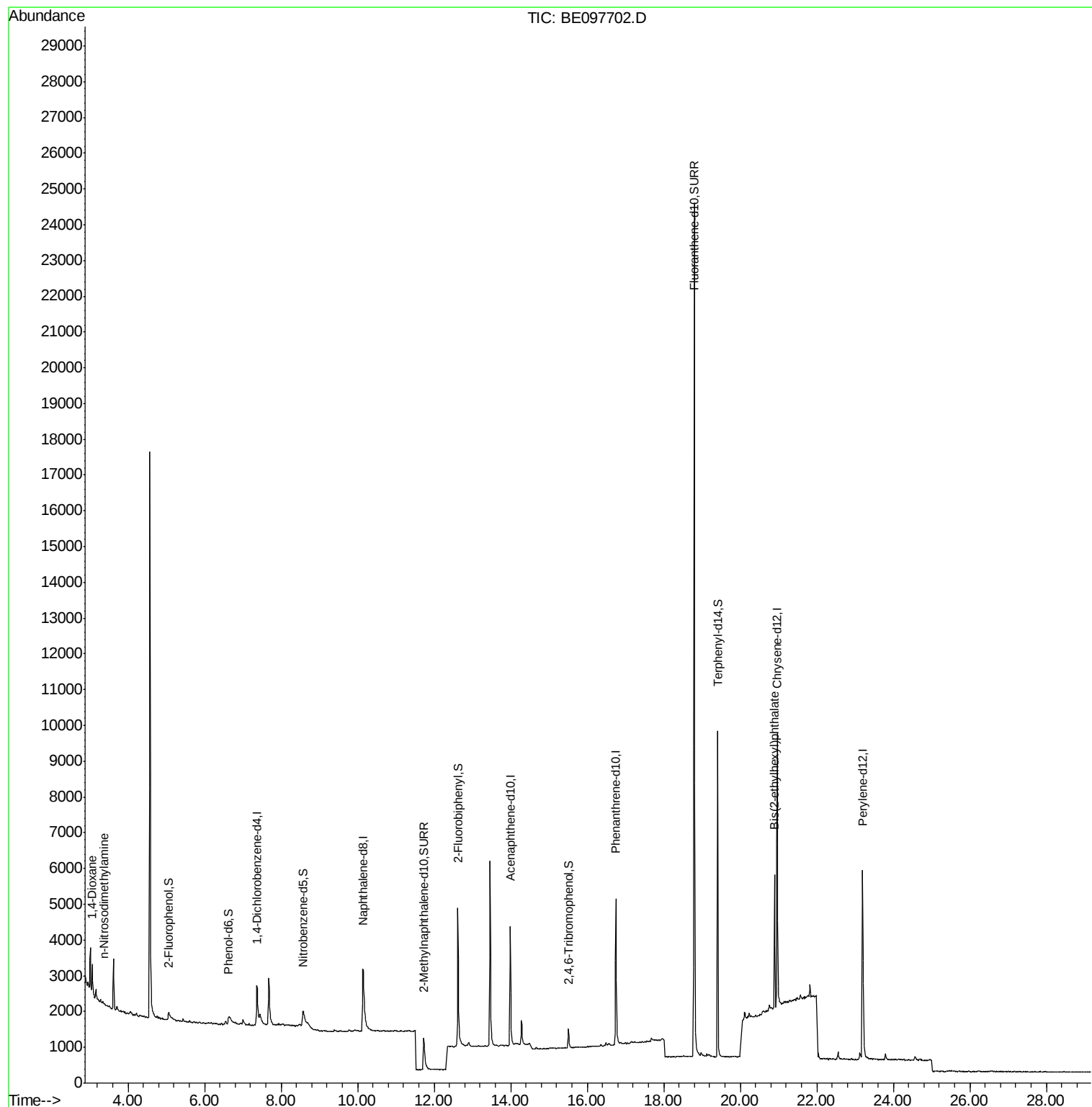
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	809	0.40	ng	0.01
7) Naphthalene-d8	10.15	136	3774	0.40	ng	0.03
13) Acenaphthene-d10	13.99	164	2114	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6160	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8245	0.40	ng	0.00
34) Perylene-d12	23.20	264	8090	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	350	0.18	ng	0.01
5) Phenol-d6	6.62	99	264	0.10	ng	0.00
8) Nitrobenzene-d5	8.58	82	1357	0.51	ng	0.04
11) 2-Methylnaphthalene-d10	11.73	152	2240	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.51	330	369	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5013	0.56	ng	0.00
25) Fluoranthene-d10	18.79	212	35858	0.48	ng	0.00
29) Terphenyl-d14	19.41	244	8330	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.06	88	486	0.288	ng	# 76
3) n-Nitrosodimethylamine	3.37	42	22	0.022	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.89	149	4081	0.162	ng	# 99

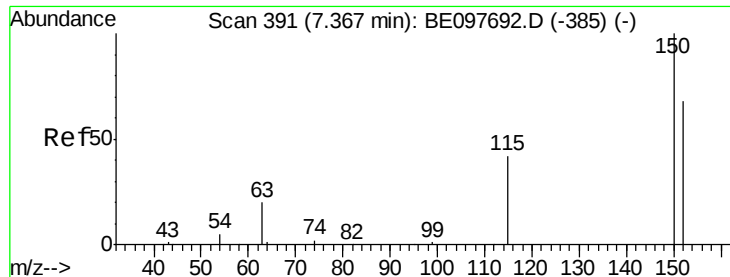
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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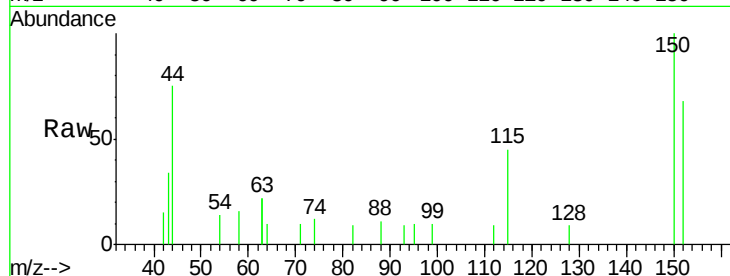


#1

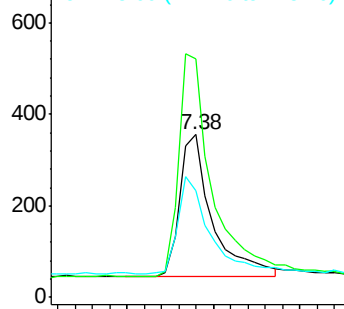
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.01 min
Lab File: BE097702.D
Acq: 28 Sep 2018 13:41

Instrument :
BNA_E
ClientSampleId :
FT-PZ458I-20180918

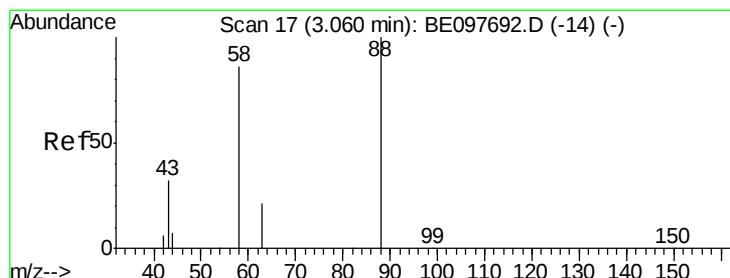
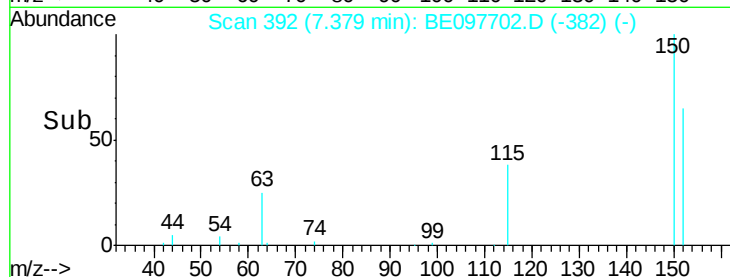
Tgt Ion: 152 Resp: 809
Ion Ratio Lower Upper
152 100
150 146.3 117.2 175.8
115 65.4 57.0 85.6



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



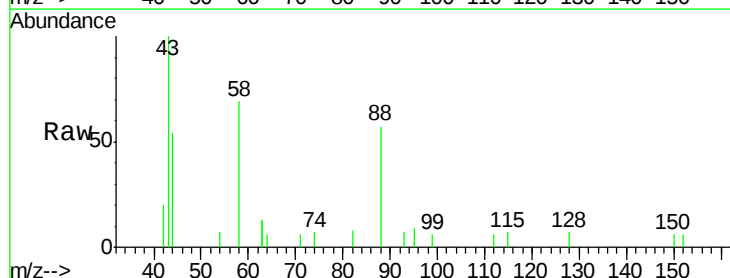
Time-->



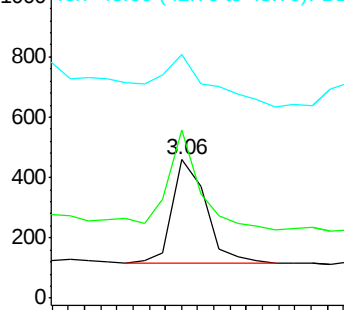
#2

1,4-Dioxane
Concen: 0.288 ng
RT: 3.06 min Scan# 17
Delta R.T. 0.00 min
Lab File: BE097702.D
Acq: 28 Sep 2018 13:41

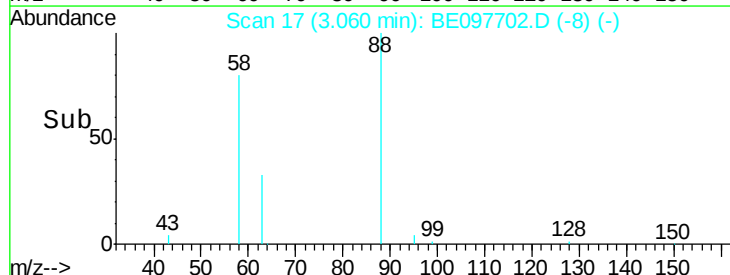
Tgt Ion: 88 Resp: 486
Ion Ratio Lower Upper
88 100
58 97.9 63.2 94.8#
43 71.6 41.2 61.8#

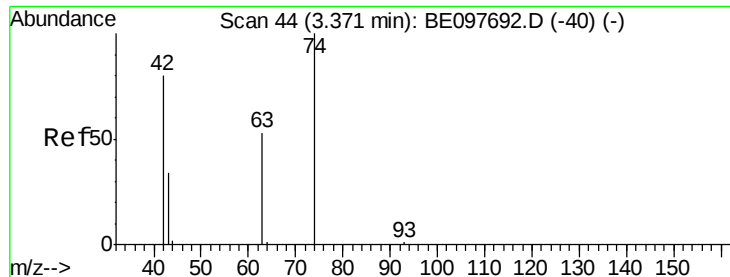


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20180918

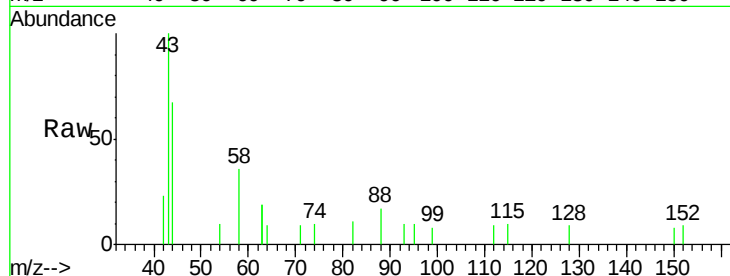
Tgt Ion: 42 Resp: 22

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

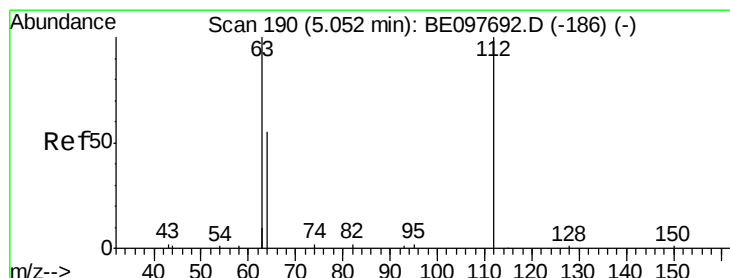
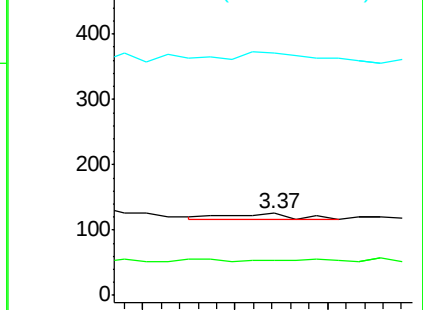
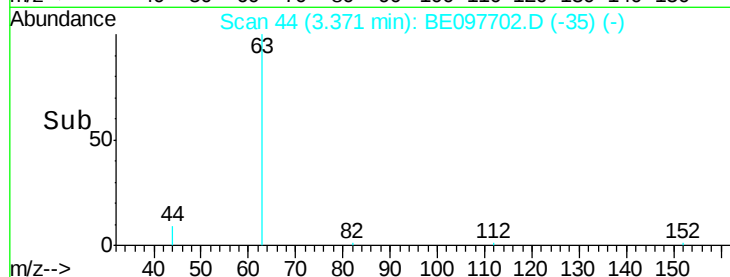
44 190.9 12.0 18.0#



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: 0.175 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

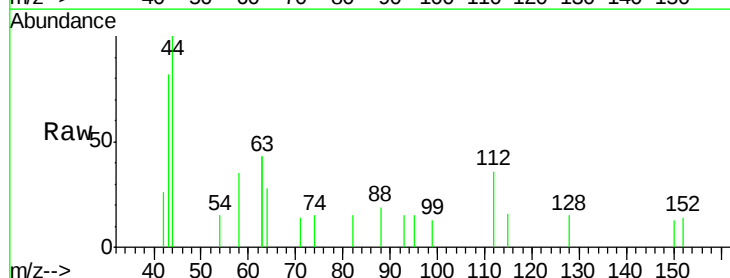
Tgt Ion: 112 Resp: 350

Ion Ratio Lower Upper

112 100

64 68.3 60.1 90.1

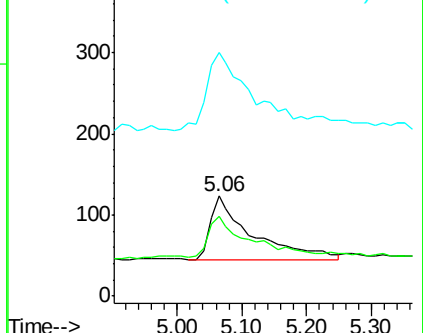
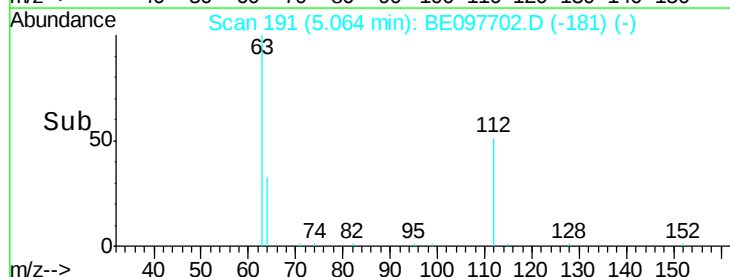
63 136.3 116.8 175.2

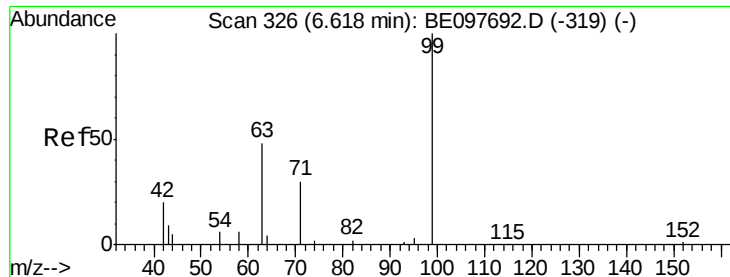


Abundance Ion 112.00 (111.70 to 112.70): E

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: 6.62 min Scan# 326

Delta R.T. 0.00 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20180918

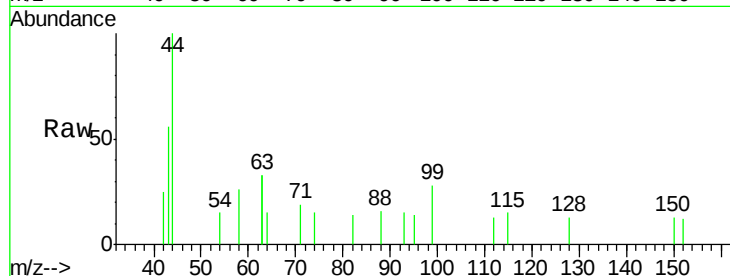
Tgt Ion: 99 Resp: 264

Ion Ratio Lower Upper

99 100

42 22.7 20.2 30.2

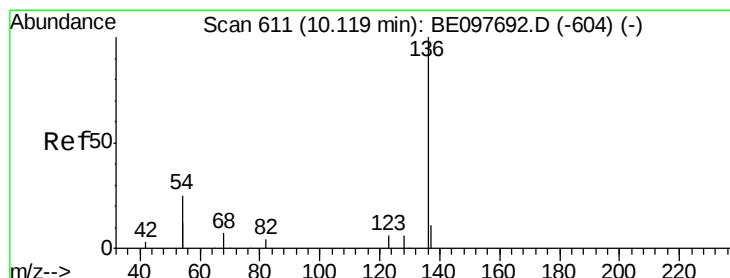
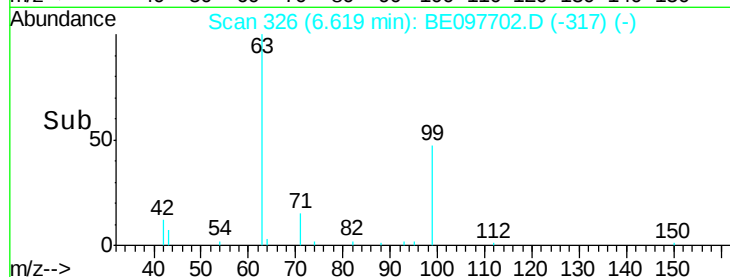
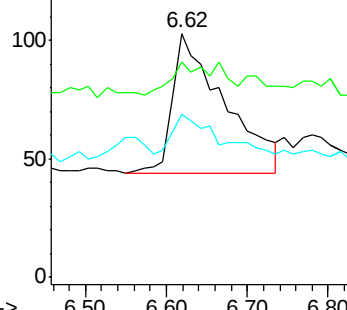
71 23.5 28.4 42.6#



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: 10.15 min Scan# 613

Delta R.T. 0.03 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

Tgt Ion: 136 Resp: 3774

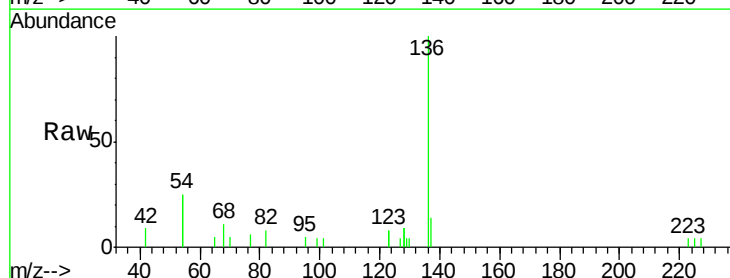
Ion Ratio Lower Upper

136 100

137 14.4 9.5 14.3#

54 49.8 29.1 43.7#

68 11.2 6.2 9.2#

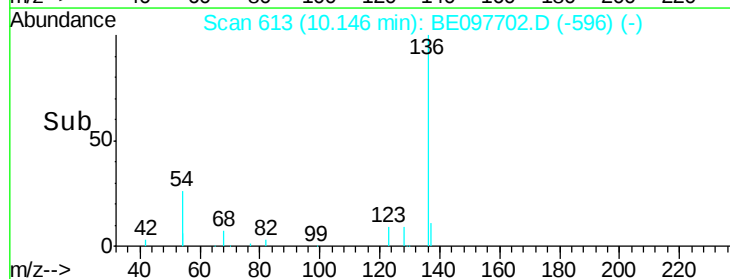
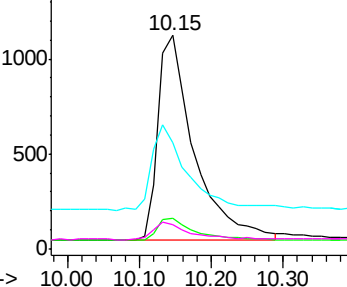


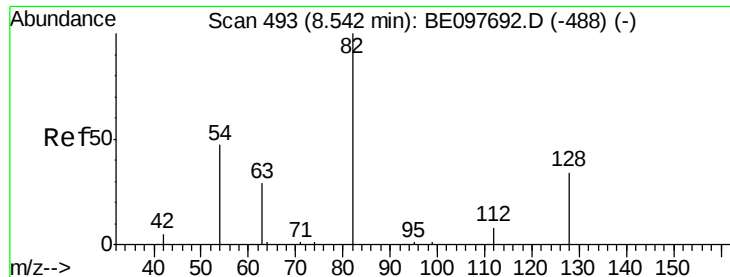
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.507 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.04 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

Instrument :

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FT-PZ458I-20180918

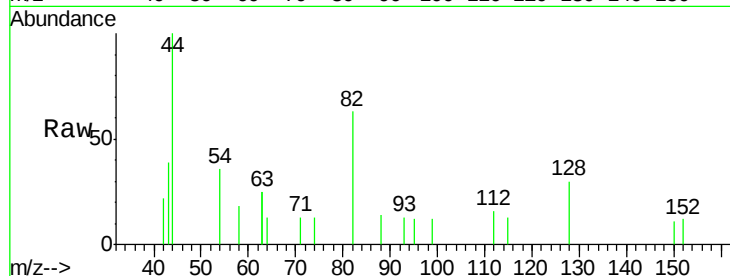
Tgt Ion: 82 Resp: 1357

Ion Ratio Lower Upper

82 100

128 47.6 24.0 36.0#

54 57.1 40.0 60.0

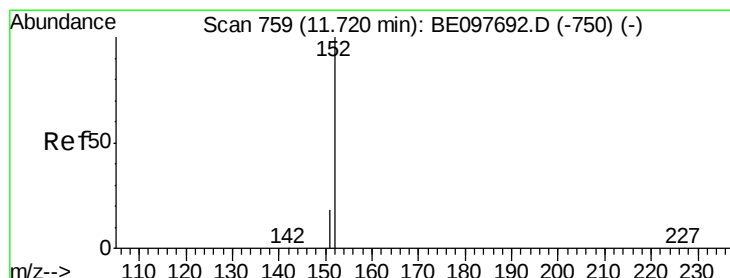
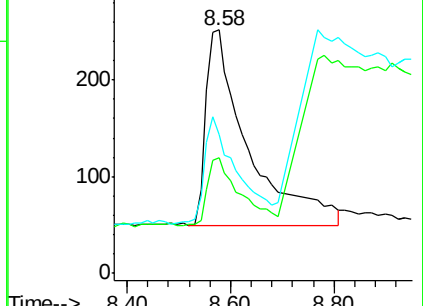
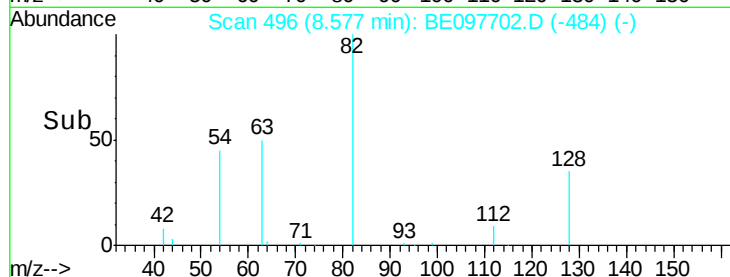


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time--> 8.40 8.60 8.80



#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.01 min

Lab File: BE097702.D

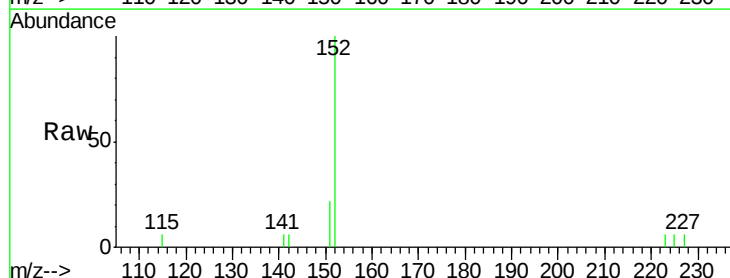
Acq: 28 Sep 2018 13:41

Tgt Ion: 152 Resp: 2240

Ion Ratio Lower Upper

152 100

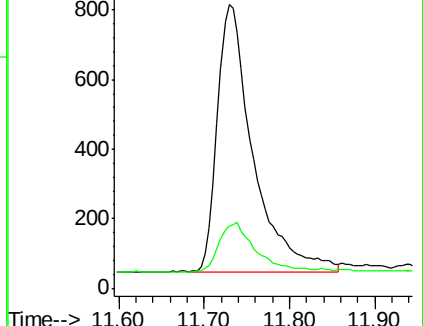
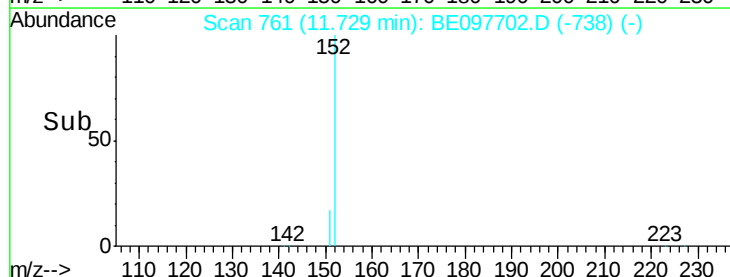
151 19.0 15.4 23.0

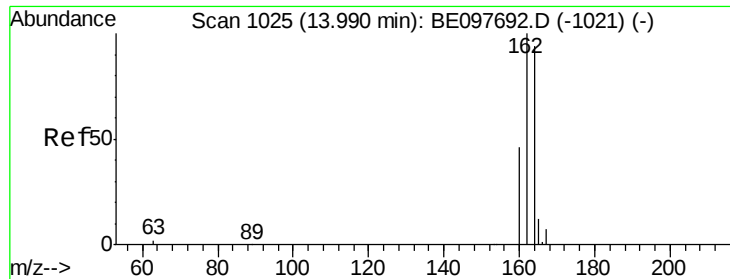


Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Time--> 11.60 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.99 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

Instrument :

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ClientSampleId :

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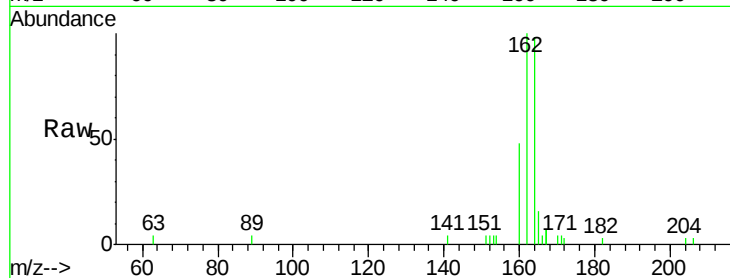
Tgt Ion:164 Resp: 2114

Ion Ratio Lower Upper

164 100

162 102.4 83.1 124.7

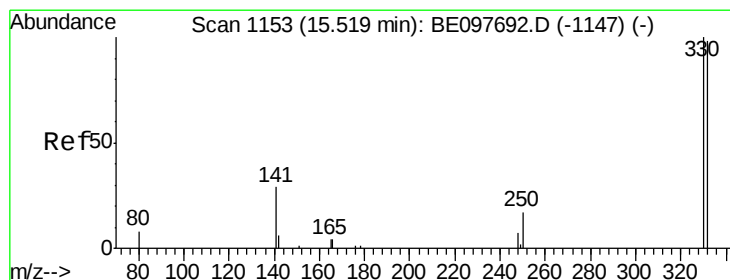
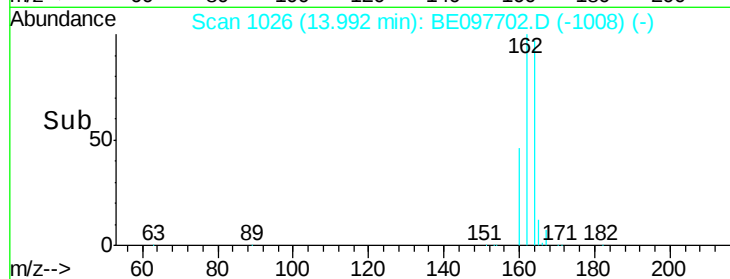
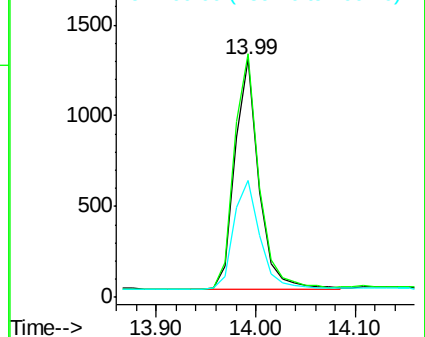
160 49.3 37.1 55.7



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: 0.447 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

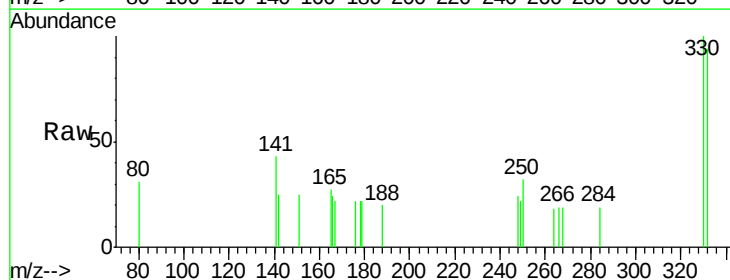
Tgt Ion:330 Resp: 369

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

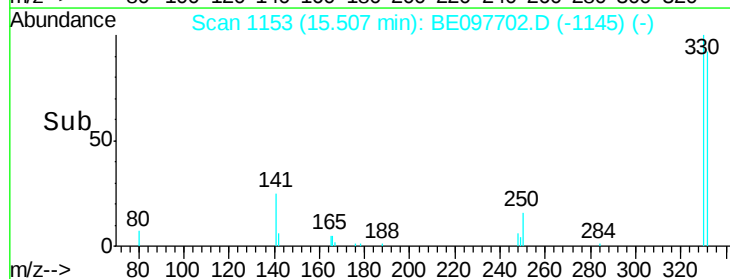
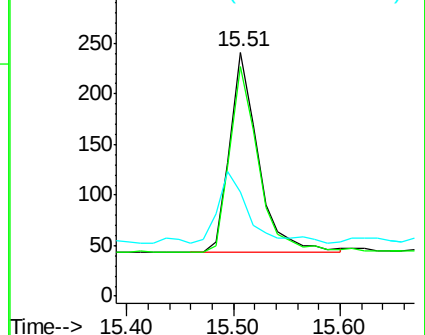
141 37.4 33.7 50.5

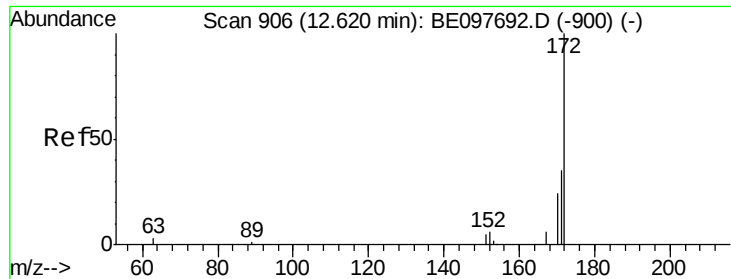


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

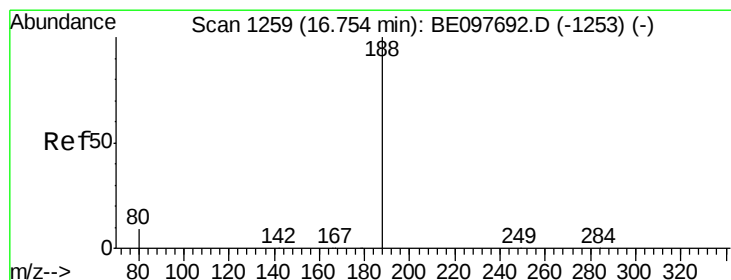
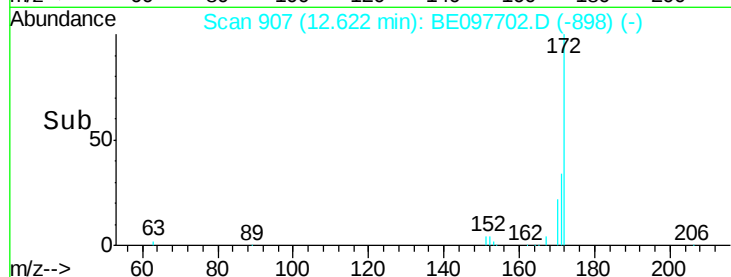
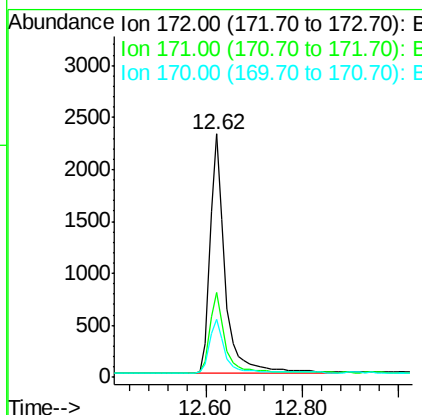
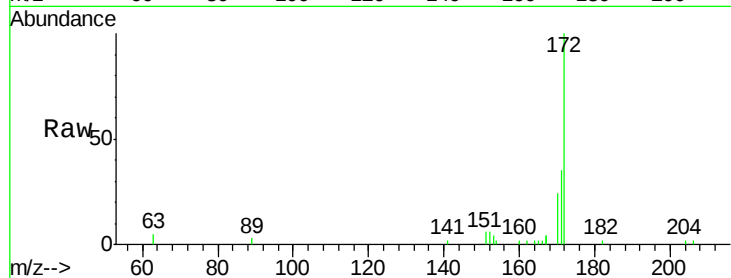




#15
 2-Fluorobiphenyl
 Concen: 0.564 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097702.D
 Acq: 28 Sep 2018 13:41

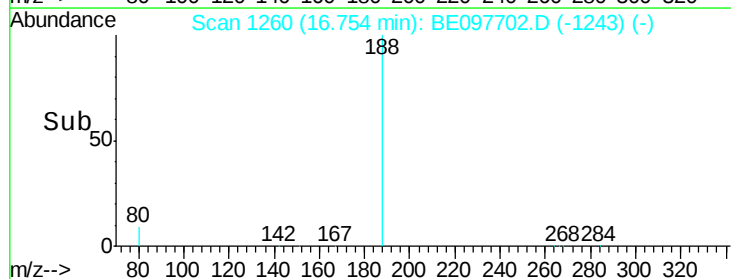
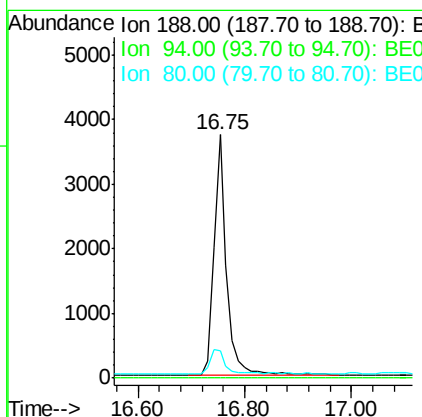
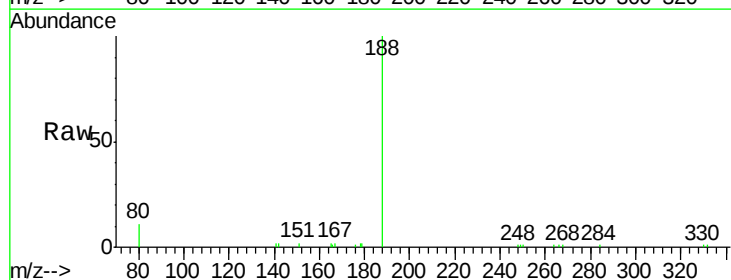
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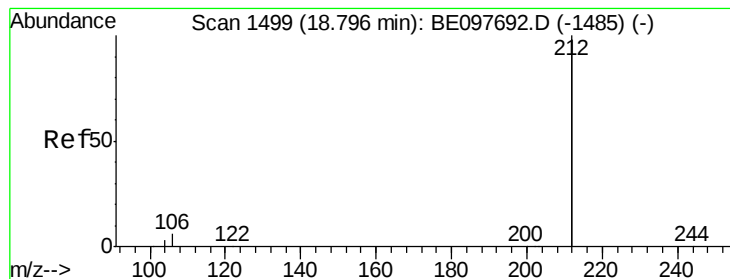
Tgt Ion:172 Resp: 5013
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.9 44.9
 170 23.7 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.75 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BE097702.D
 Acq: 28 Sep 2018 13:41

Tgt Ion:188 Resp: 6160
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 11.0 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.480 ng

RT: 18.79 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20180918

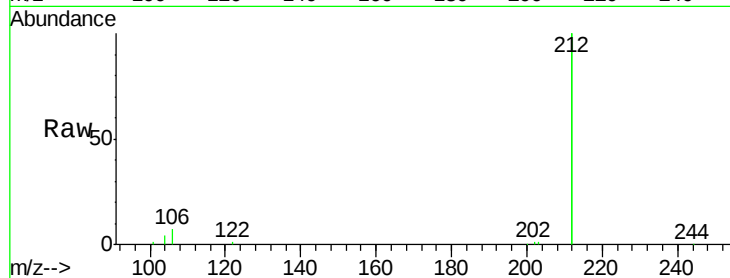
Tgt Ion:212 Resp: 35858

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

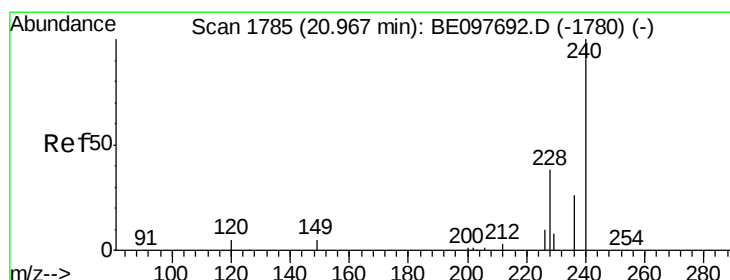
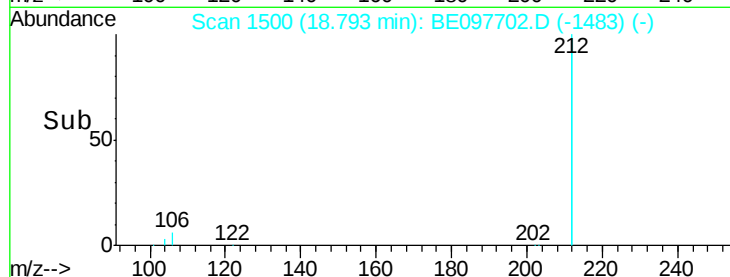
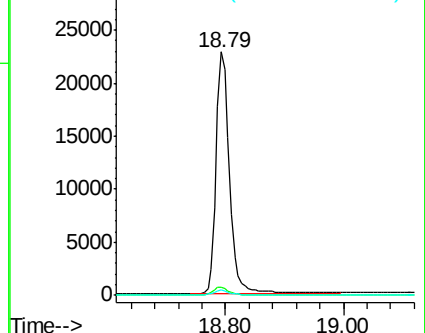
104 1.8 1.6 2.4



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# 1787

Delta R.T. -0.00 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

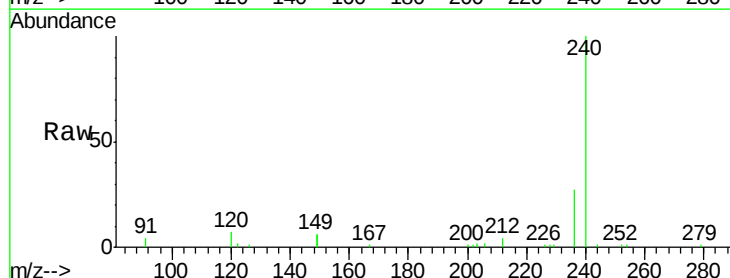
Tgt Ion:240 Resp: 8245

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

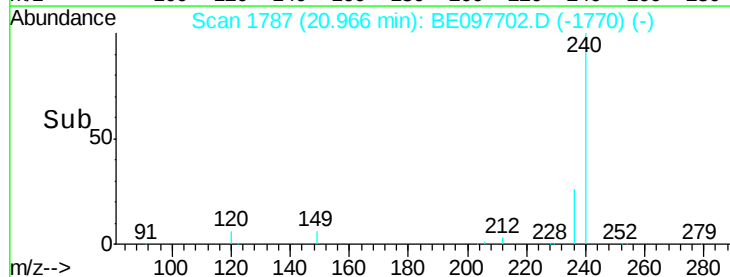
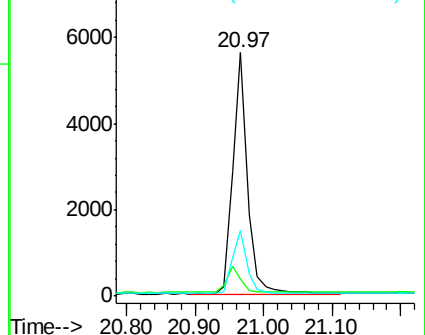
236 27.1 20.7 31.1

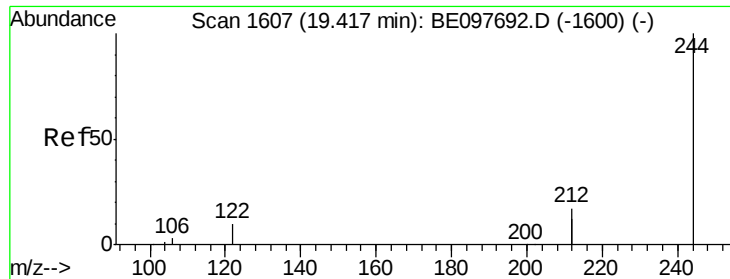


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.468 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20180918

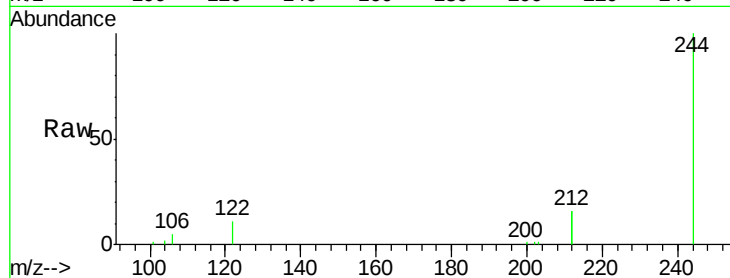
Tgt Ion:244 Resp: 8330

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

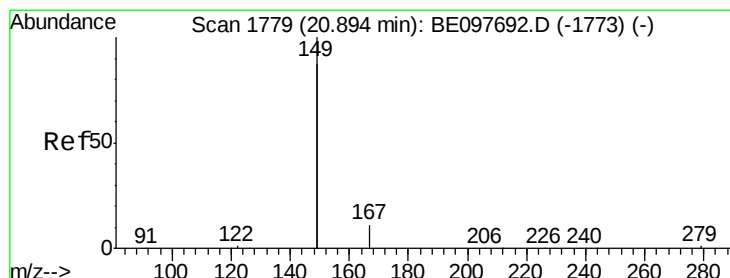
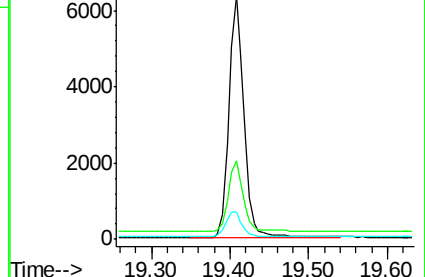
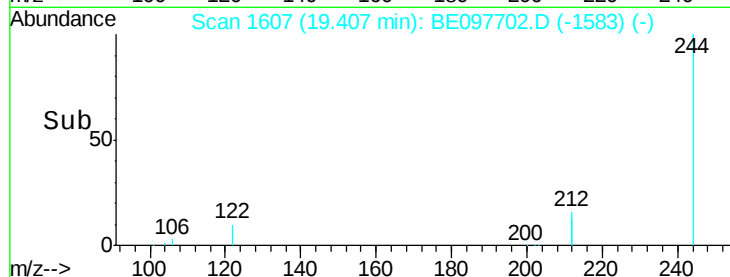
122 11.3 8.1 12.1



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: 0.162 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

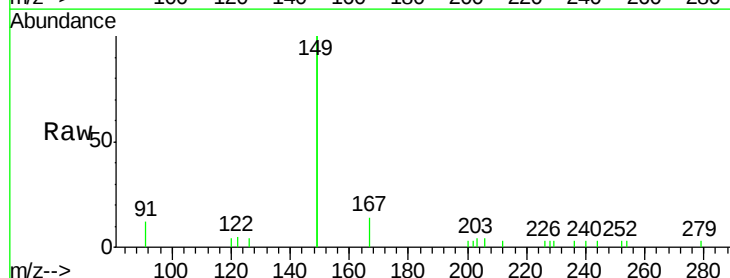
Tgt Ion:149 Resp: 4081

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

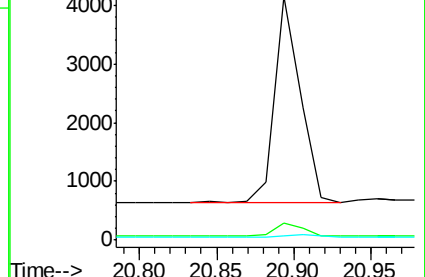
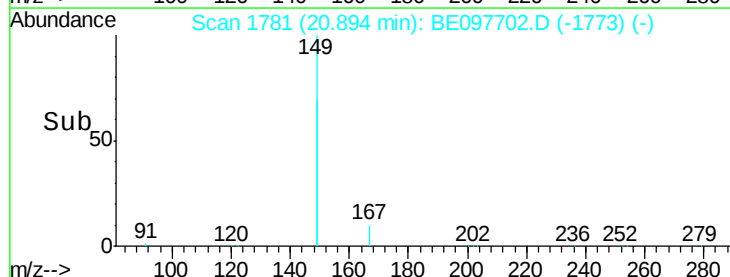
279 1.2 0.7 1.1#

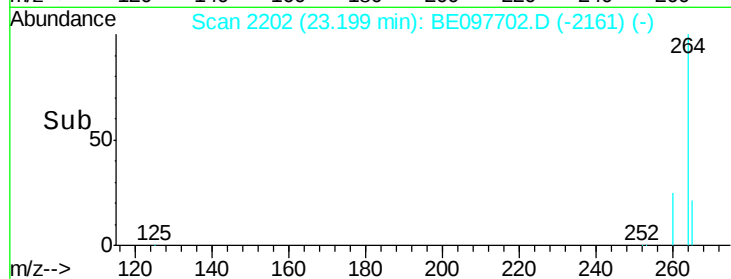
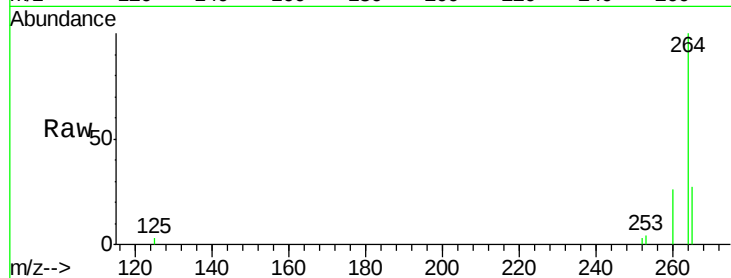
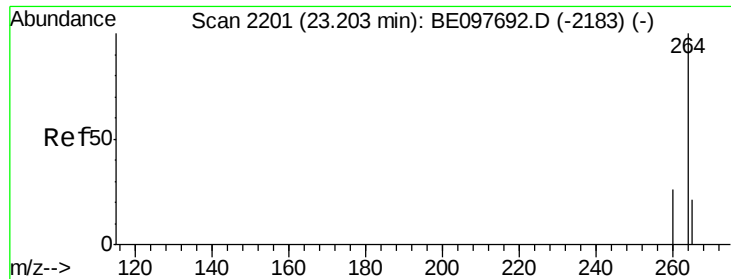


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20180918

Tgt Ion:264 Resp: 8090

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 27.5 22.8 34.2

