

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 14:26:10 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

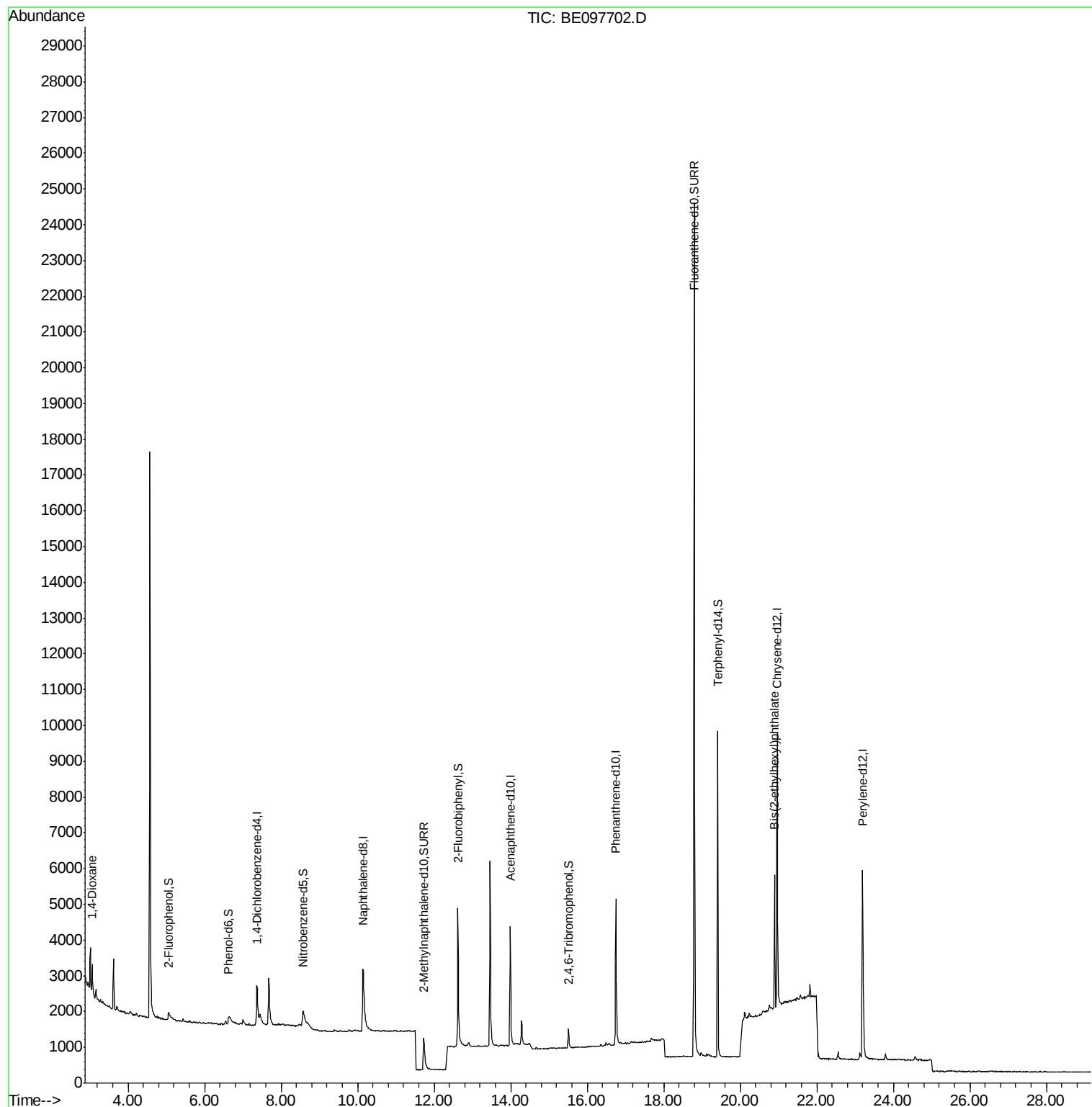
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.06	88	486	0.288	ng	# 76
32) Bis(2-ethylhexyl)phthalate	20.89	149	4081	0.162	ng	# 99

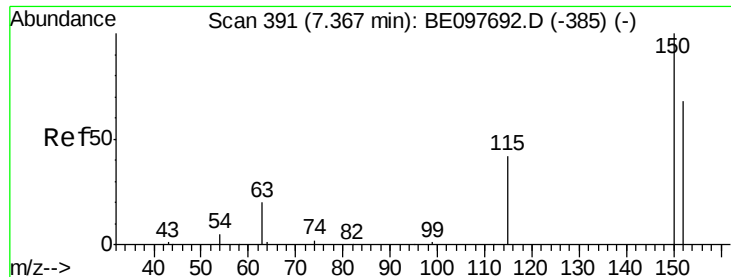
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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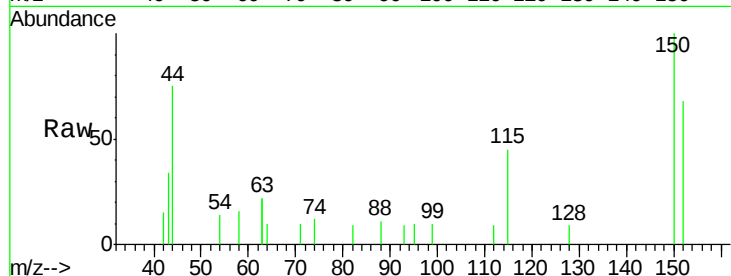


#1

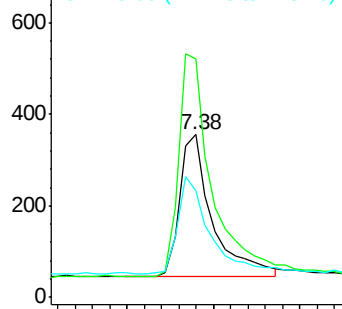
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.01 min
Lab File: BE097702.D
Acq: 28 Sep 2018 13:41

Instrument :
BNA_E
ClientSampleId :
FT-PZ458I-20180918

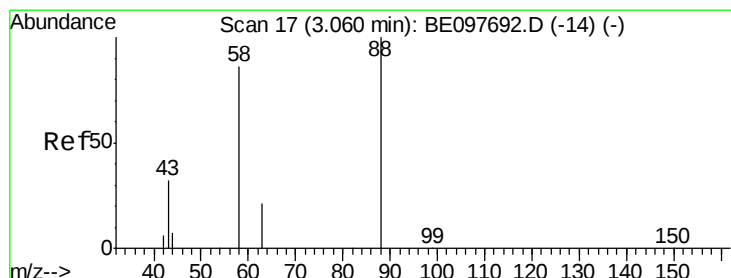
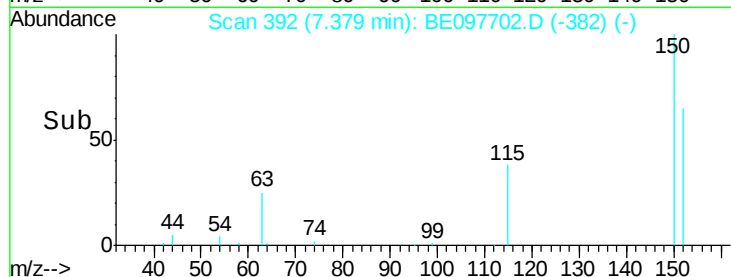
Tgt Ion:152 Resp: 809
Ion Ratio Lower Upper
152 100
150 146.3 117.2 175.8
115 65.4 57.0 85.6



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



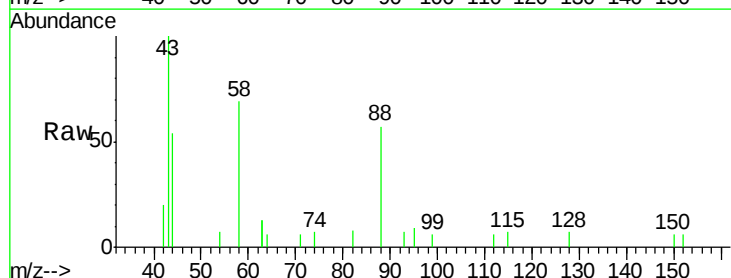
Time-->



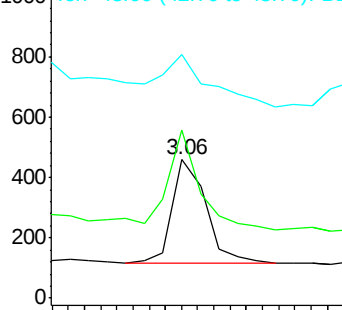
#2

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

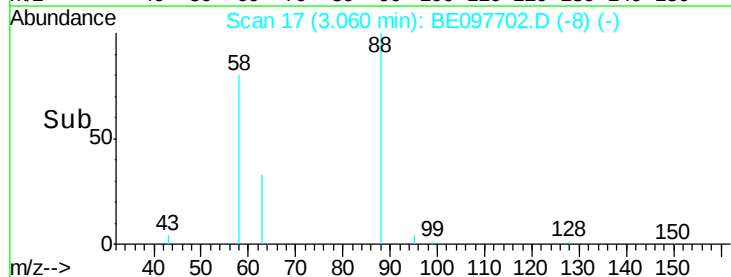
Tgt Ion: 88 Resp: 486
Ion Ratio Lower Upper
88 100
58 97.9 63.2 94.8#
43 71.6 41.2 61.8#

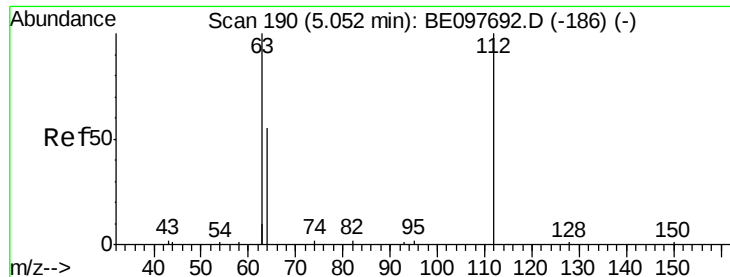


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#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

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20180918

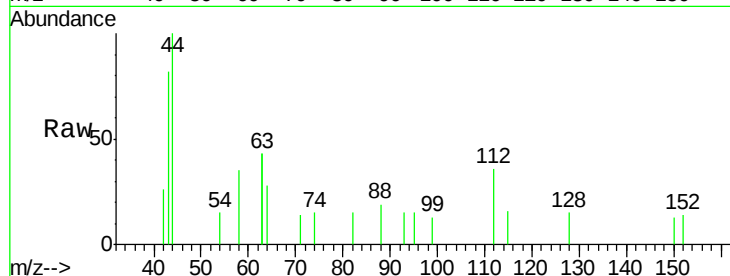
Tgt Ion: 112 Resp: 350

Ion Ratio Lower Upper

112 100

64 68.3 60.1 90.1

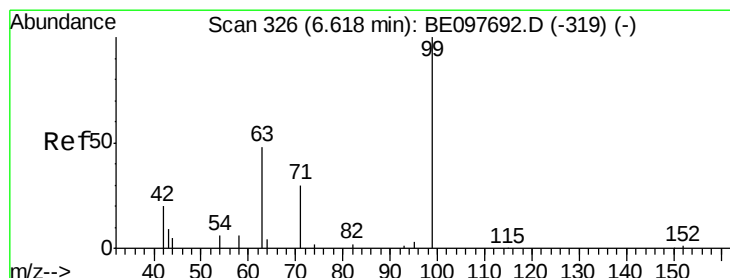
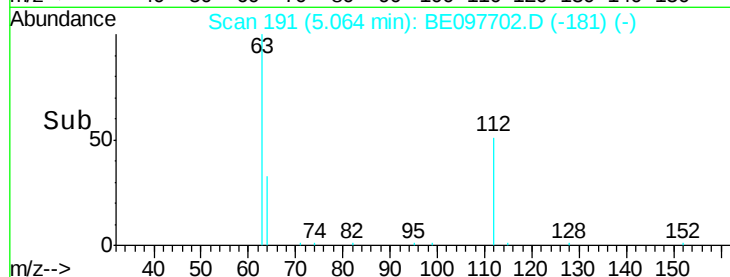
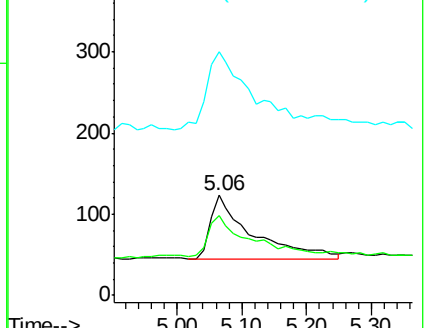
63 136.3 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

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

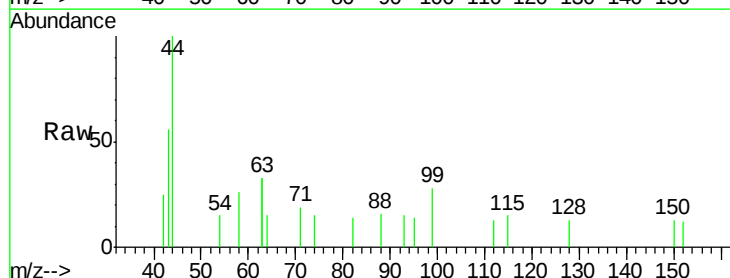
Tgt Ion: 99 Resp: 264

Ion Ratio Lower Upper

99 100

42 22.7 20.2 30.2

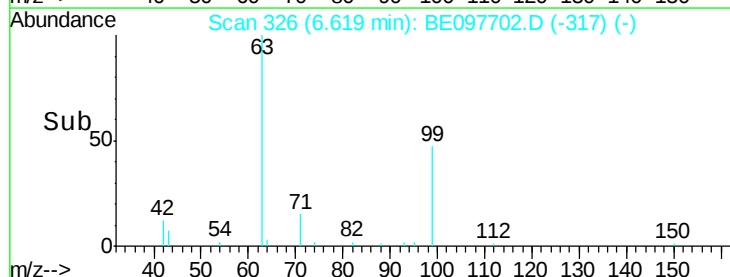
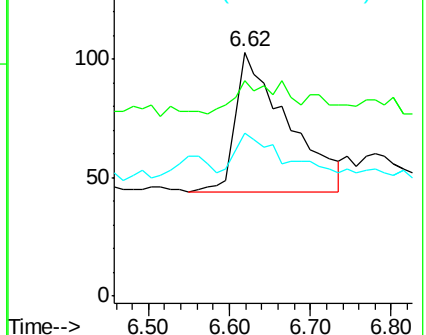
71 23.5 28.4 42.6#

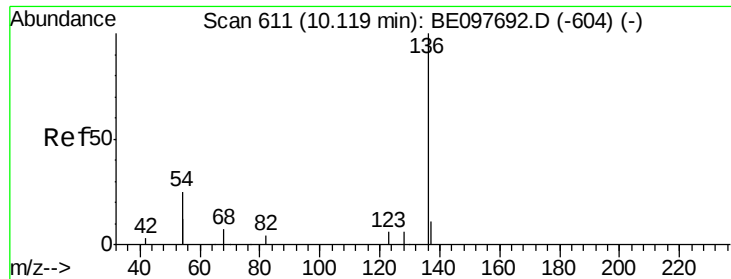


Abundance Ion 99.00 (98.70 to 99.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20180918

Tgt Ion: 136 Resp: 3774

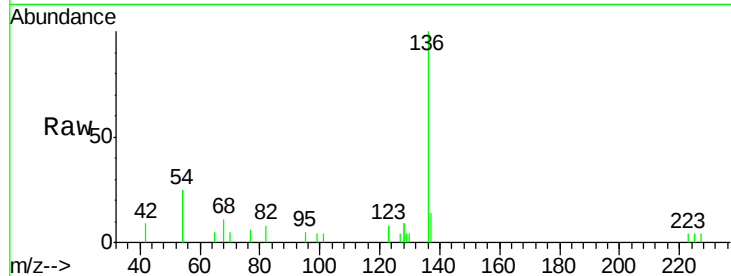
Ion Ratio Lower Upper

136 100

137 14.4 9.5 14.3#

54 49.8 29.1 43.7#

68 11.2 6.2 9.2#

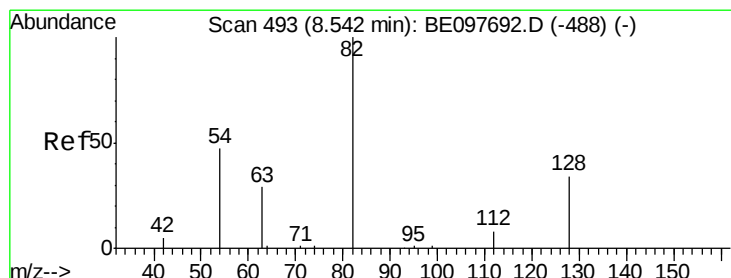
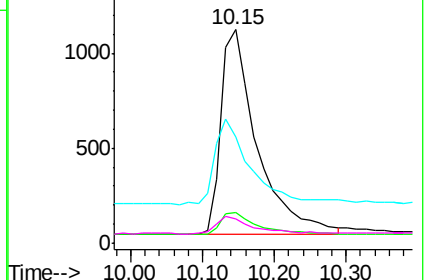
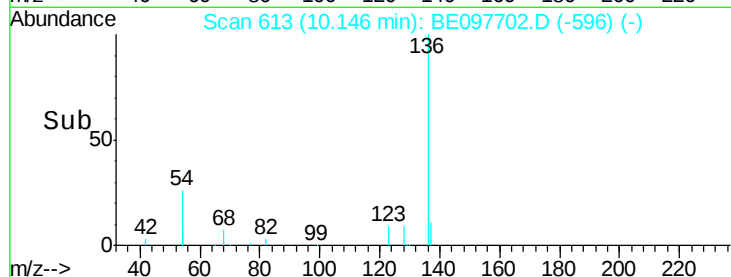


Abundance Ion 136.00 (135.70 to 136.70): E

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

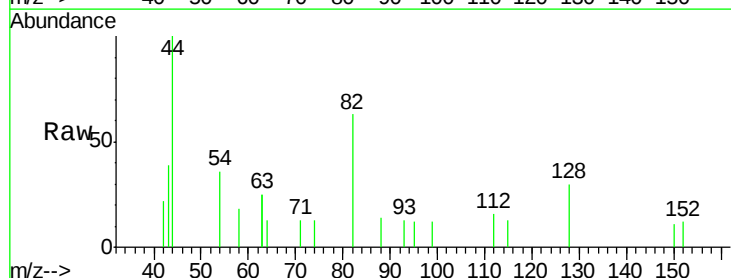
Tgt Ion: 82 Resp: 1357

Ion Ratio Lower Upper

82 100

128 47.6 24.0 36.0#

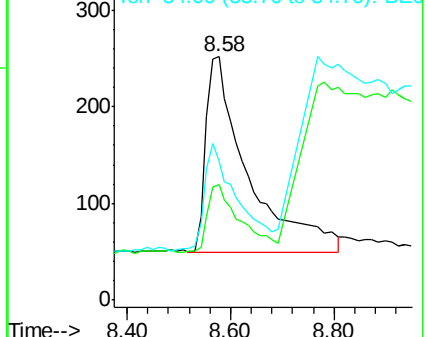
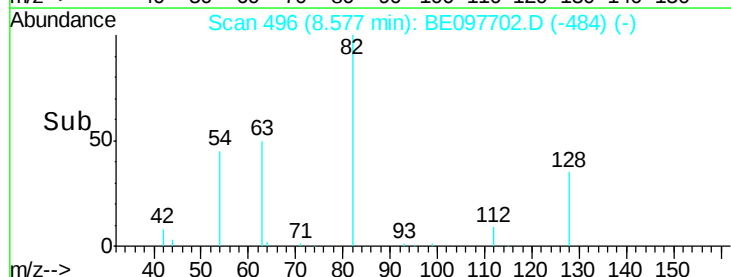
54 57.1 40.0 60.0

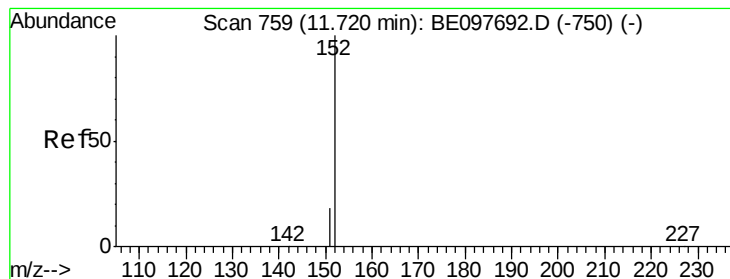


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

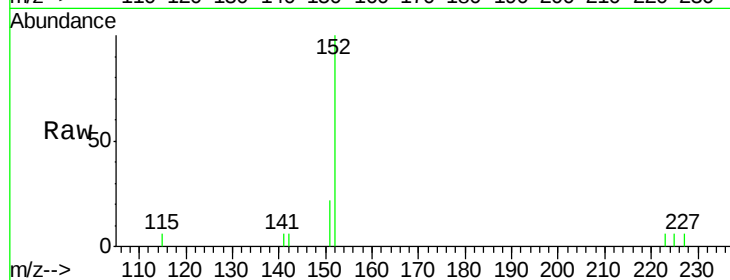
FT-PZ458I-20180918

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): E

Ion 151.00 (150.70 to 151.70): E

11.73

800

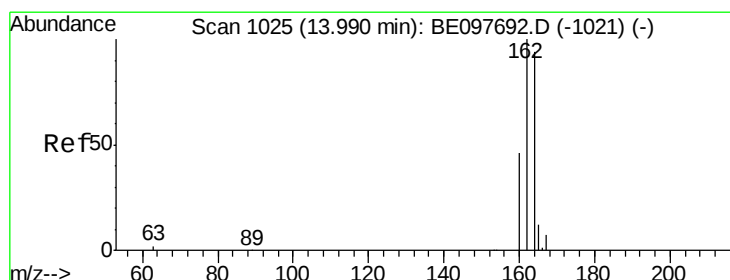
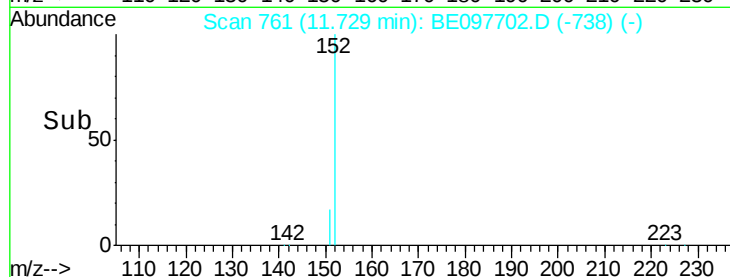
600

400

200

0

Time-->



#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

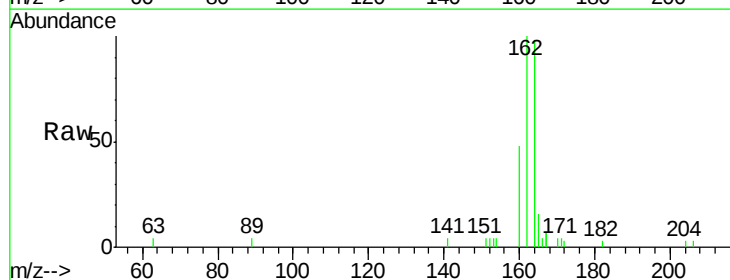
Tgt Ion:164 Resp: 2114

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

13.99

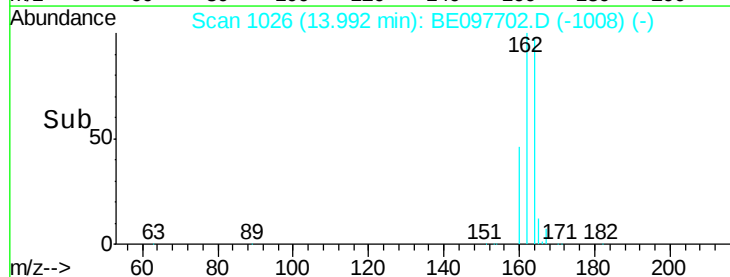
1500

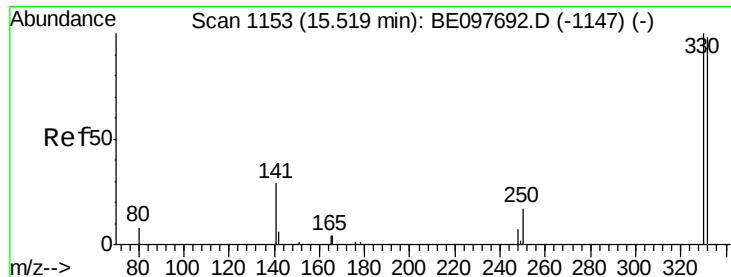
1000

500

0

Time-->

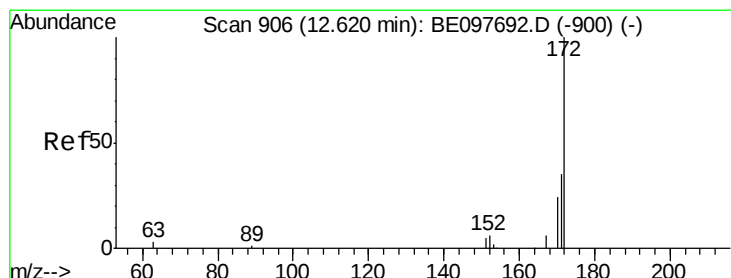
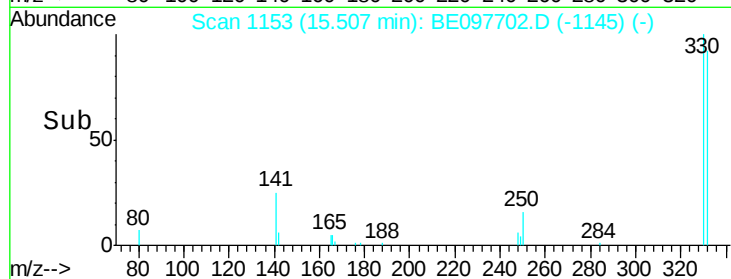
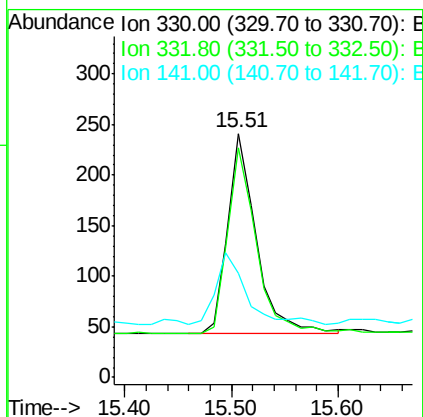
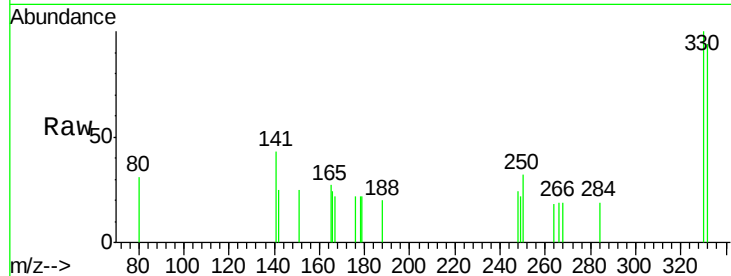




#14
 2,4,6-Tribromophenol
 Concen: 0.447 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097702.D
 Acq: 28 Sep 2018 13:41

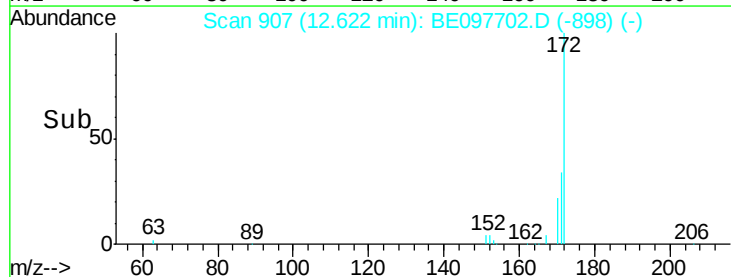
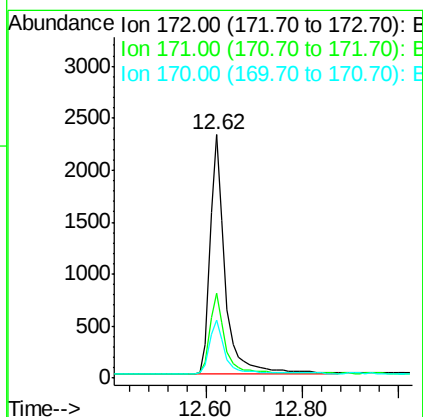
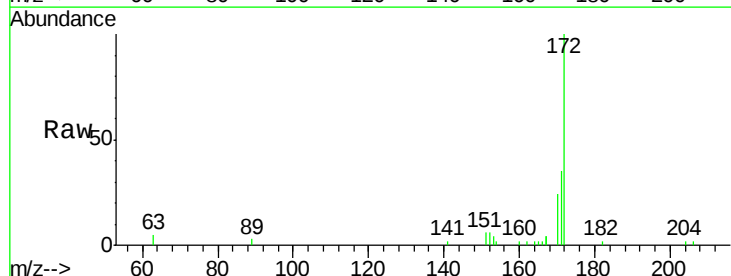
Instrument :
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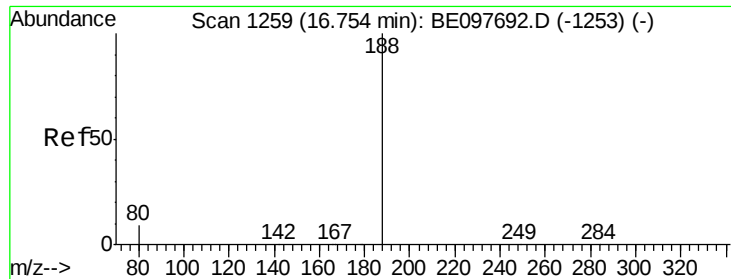
Tgt Ion: 330 Resp: 369
 Ion Ratio Lower Upper
 330 100
 332 95.1 152.7 229.1#
 141 37.4 33.7 50.5



#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

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

Instrument :

BNA_E

ClientSampleId :

FT-PZ458I-20180918

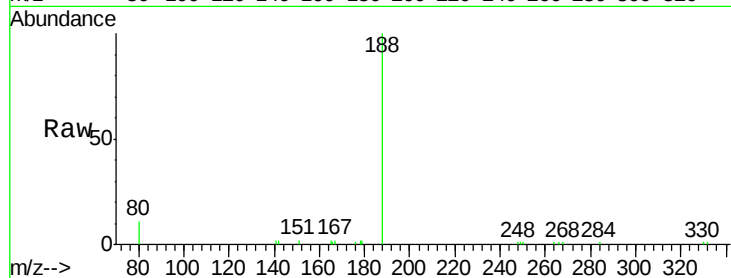
Tgt Ion:188 Resp: 6160

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

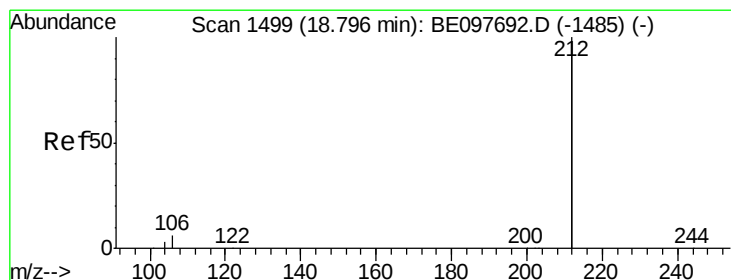
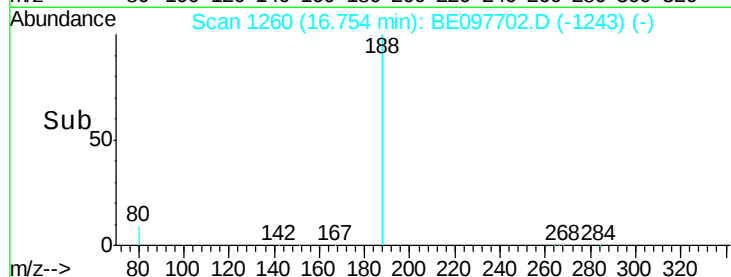
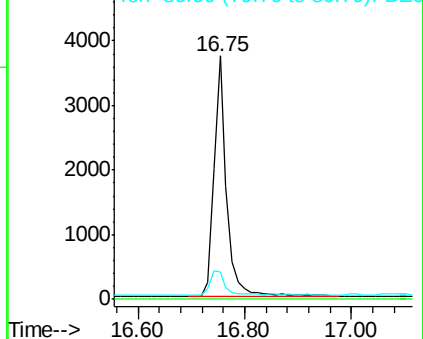
80 11.0 3.6 5.4#



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: 0.480 ng

RT: 18.79 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097702.D

Acq: 28 Sep 2018 13:41

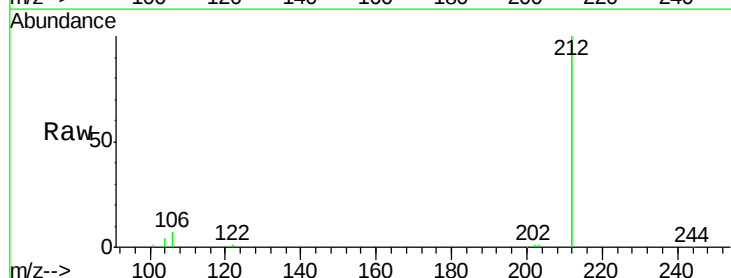
Tgt Ion:212 Resp: 35858

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

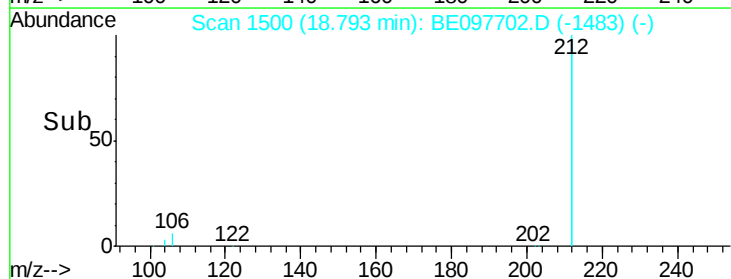
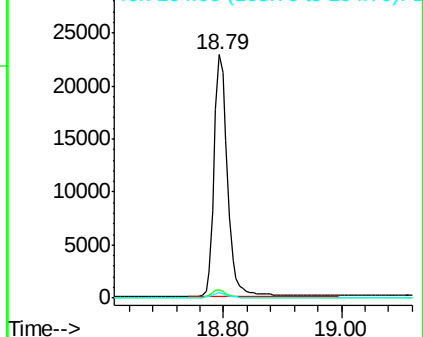
104 1.8 1.6 2.4

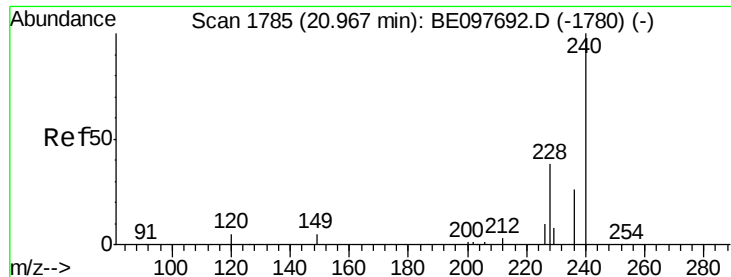


Abundance Ion 212.00 (211.70 to 212.70): E

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

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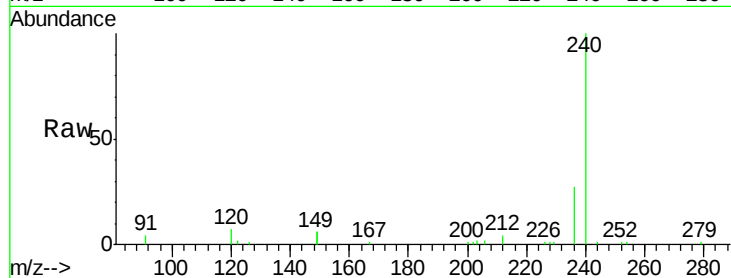
Tgt Ion:240 Resp: 8245

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

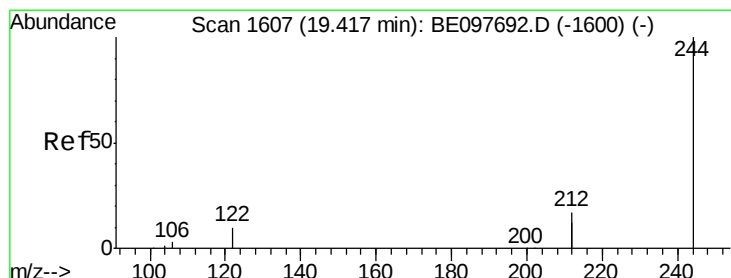
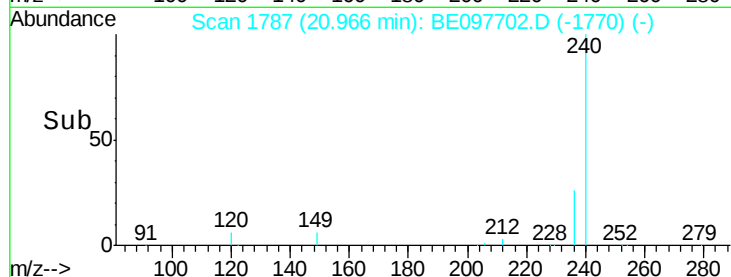
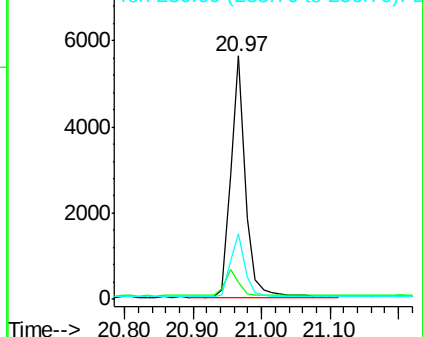
236 27.1 20.7 31.1



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

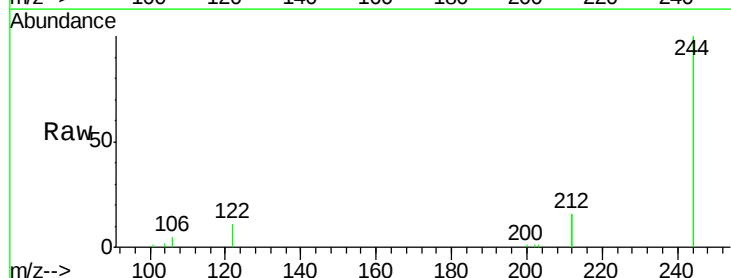
Tgt Ion:244 Resp: 8330

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

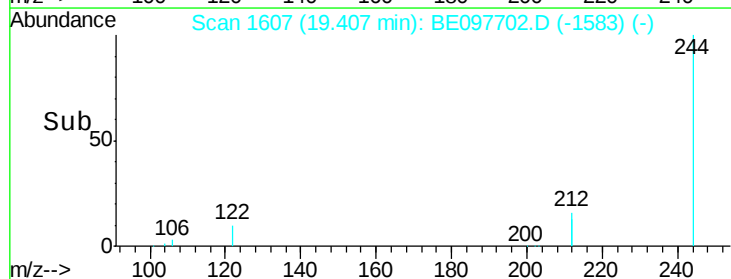
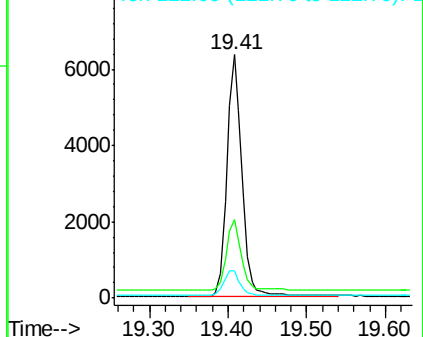
122 11.3 8.1 12.1

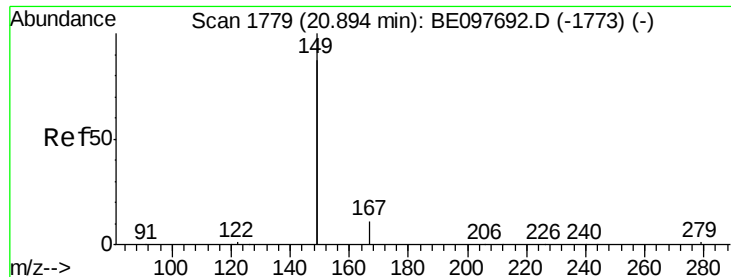


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

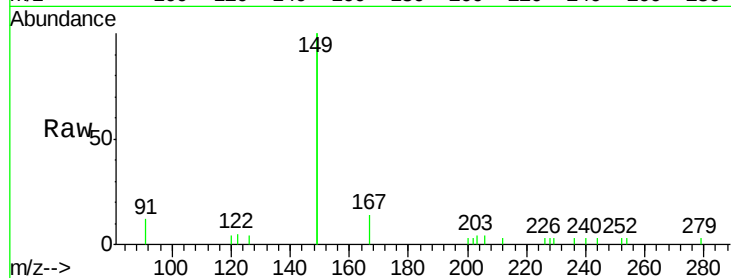




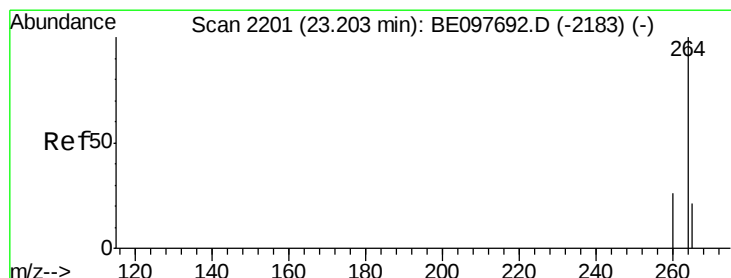
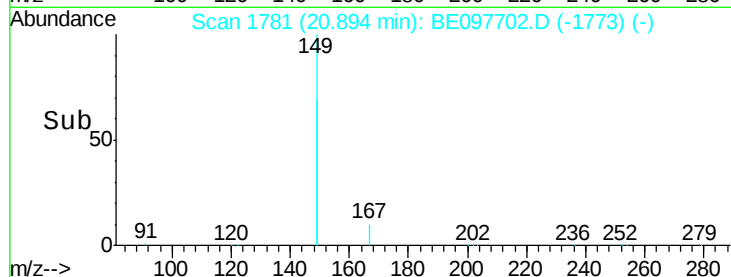
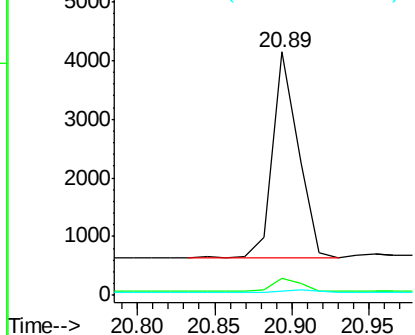
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.162 ng
 RT: 20.89 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BE097702.D
 Acq: 28 Sep 2018 13:41

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ458I-20180918

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#

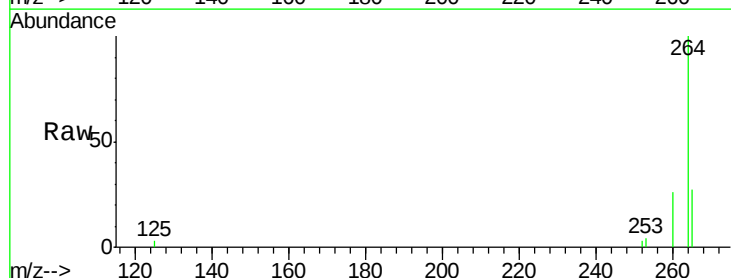


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#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

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



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

