

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097805.D
 Acq On : 8 Oct 2018 22:25
 Operator : SJ/JU
 Sample : J5284-16DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP02-20181003DL

Quant Time: Oct 09 06:59:35 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

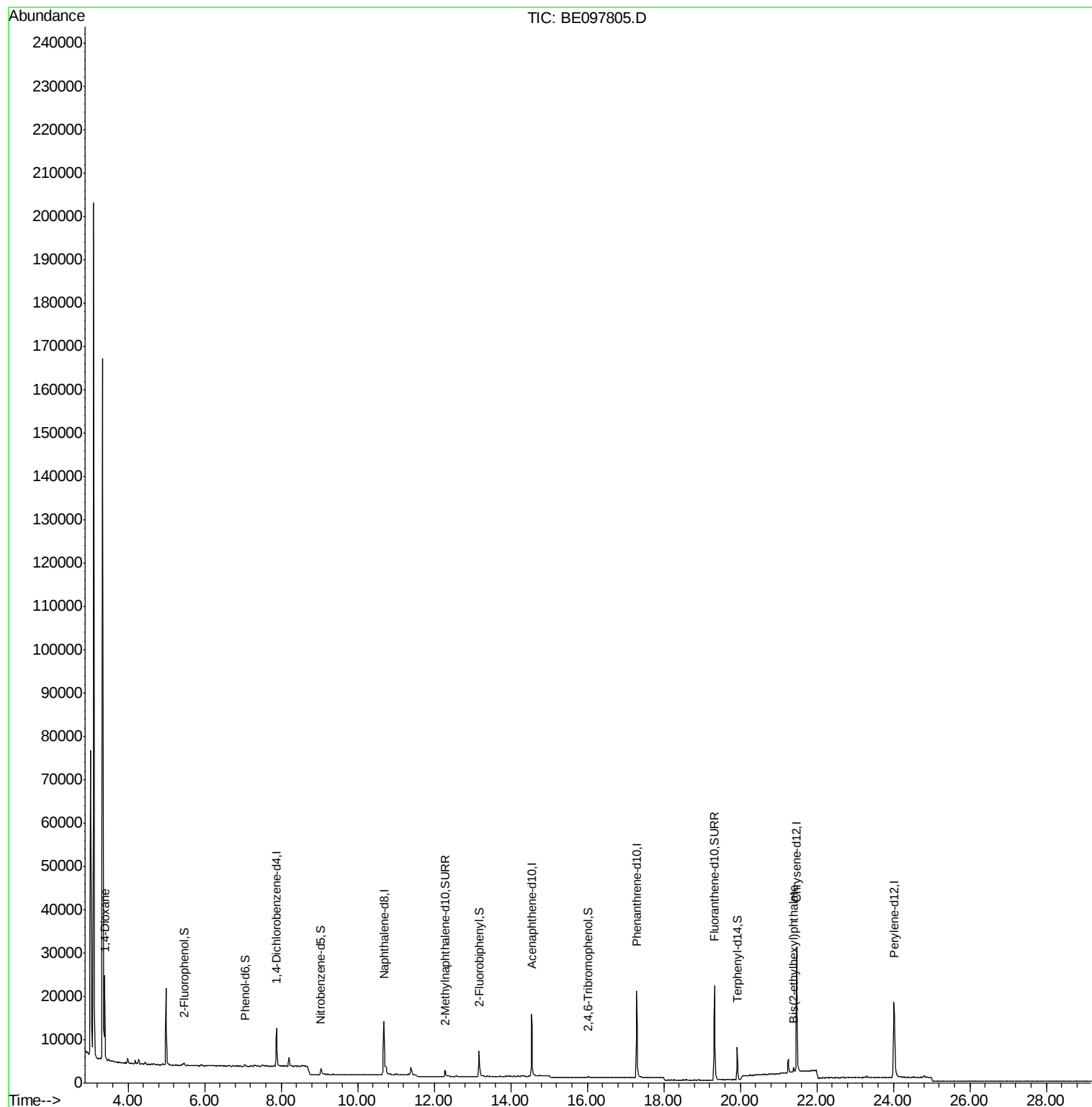
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4223	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	17091	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	10173	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	29164	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	31534	0.40	ng	-0.01
34) Perylene-d12	24.02	264	29156	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	397	0.04	ng	-0.01
5) Phenol-d6	7.05	99	320	0.02	ng	0.00
8) Nitrobenzene-d5	9.04	82	972	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2576	0.09	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	175	0.09	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	6538	0.15	ng	-0.01
25) Fluoranthene-d10	19.33	212	33556	0.09	ng	0.00
29) Terphenyl-d14	19.92	244	7100	0.11	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.40	88	11452	1.361	ng	Qvalue 97
32) Bis(2-ethylhexyl)phthalate	21.40	149	1752	0.028	ng	# 94

(#) = 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: BE097805.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003DL

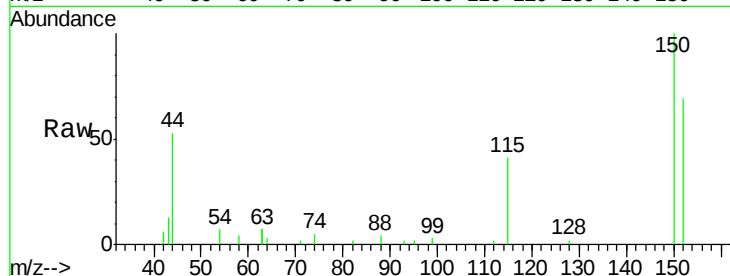
Tgt Ion:152 Resp: 4223

Ion Ratio Lower Upper

152 100

150 145.2 120.9 181.3

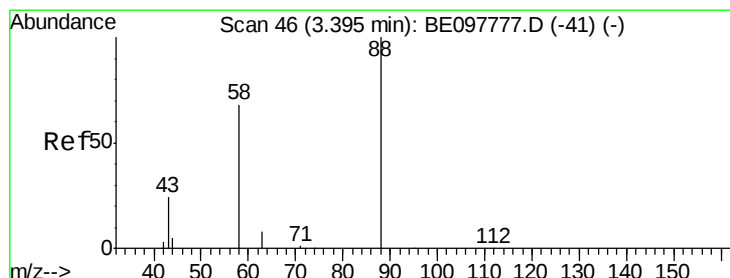
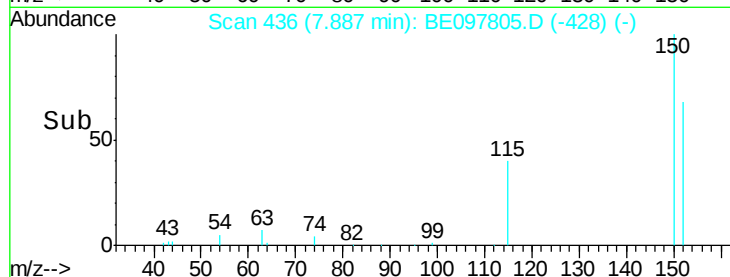
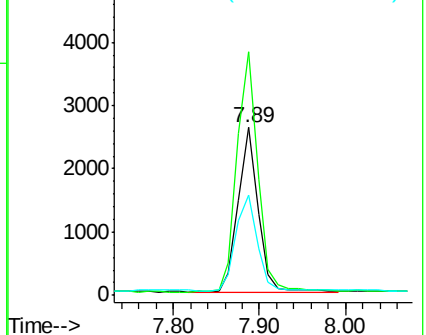
115 59.7 46.6 69.8



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: 1.361 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

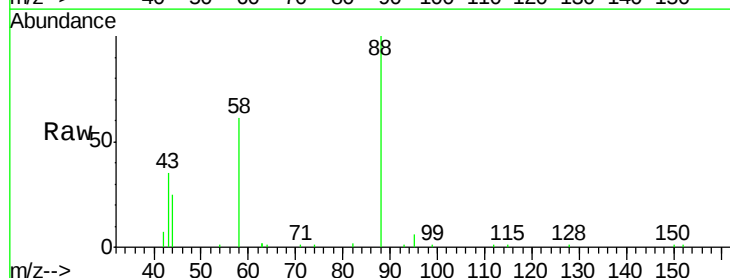
Tgt Ion: 88 Resp: 11452

Ion Ratio Lower Upper

88 100

58 87.2 70.8 106.2

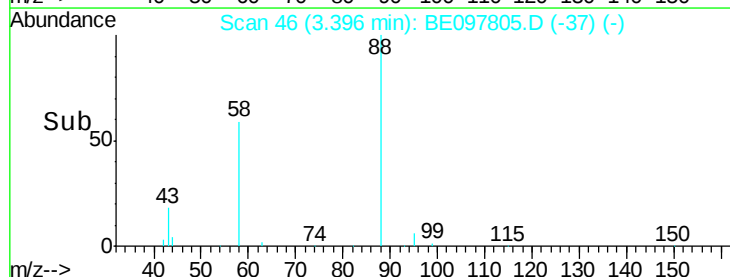
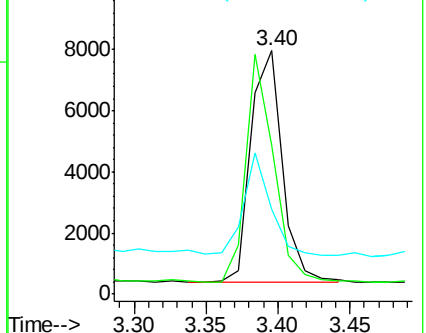
43 37.7 33.3 49.9

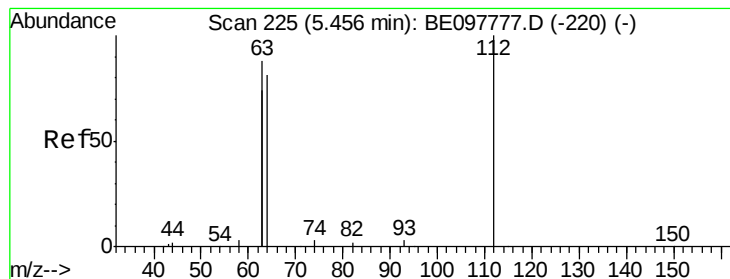


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.040 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003DL

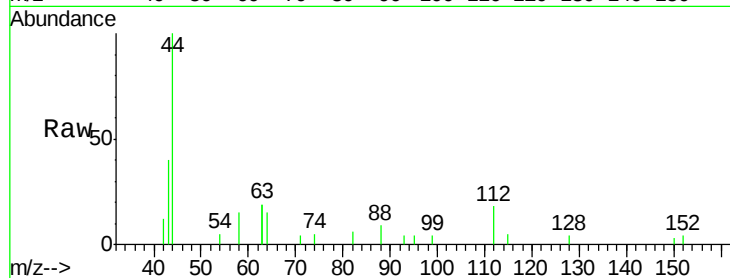
Tgt Ion: 112 Resp: 397

Ion Ratio Lower Upper

112 100

64 82.1 56.6 84.8

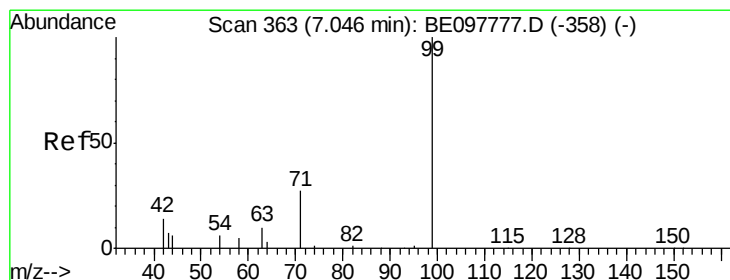
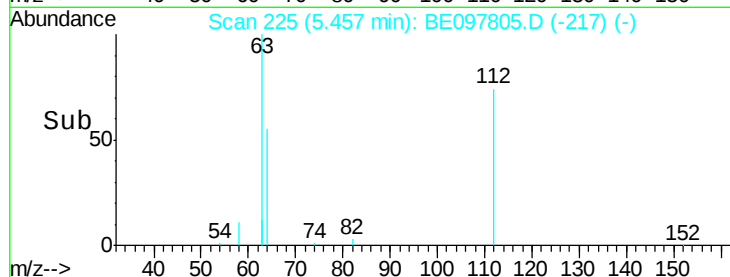
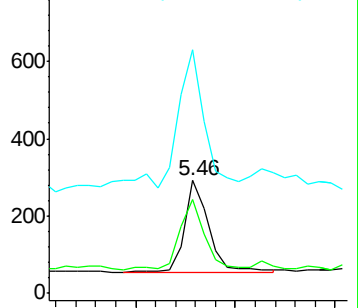
63 159.4 119.4 179.0



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: 0.021 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

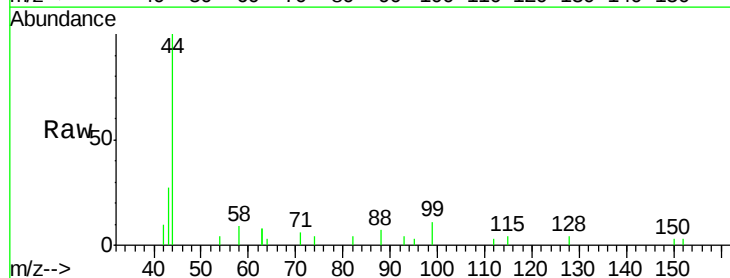
Tgt Ion: 99 Resp: 320

Ion Ratio Lower Upper

99 100

42 31.3 19.9 29.9#

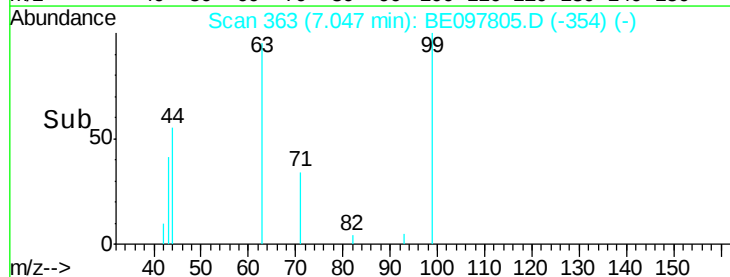
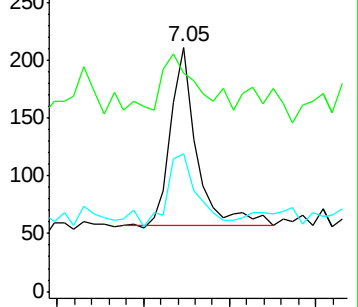
71 47.2 25.4 38.2#

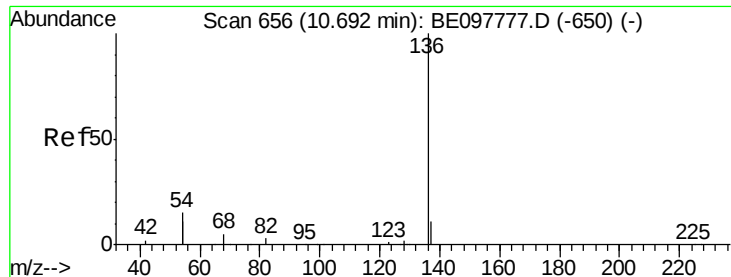


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097805.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003DL

Tgt Ion:136 Resp: 17091

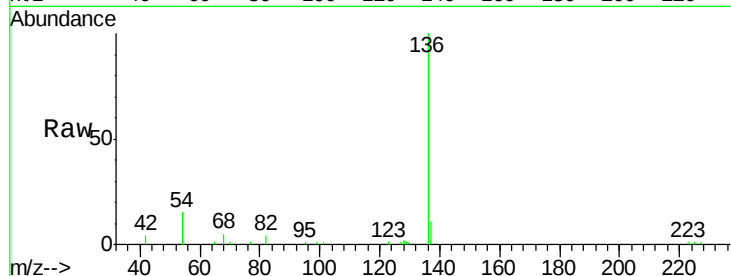
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 29.4 37.8 56.6#

68 5.4 6.4 9.6#

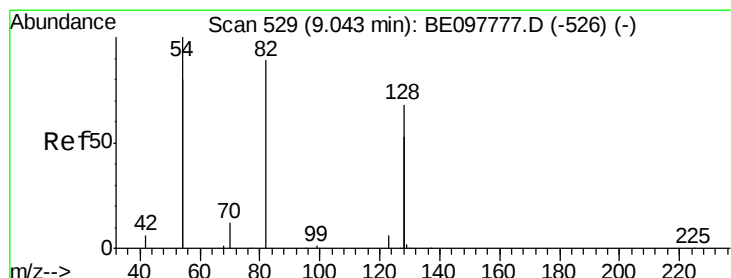
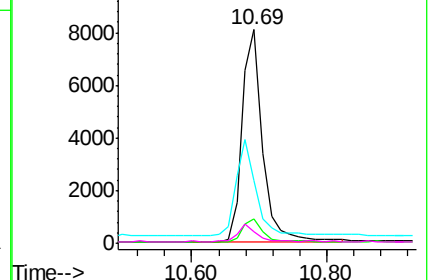
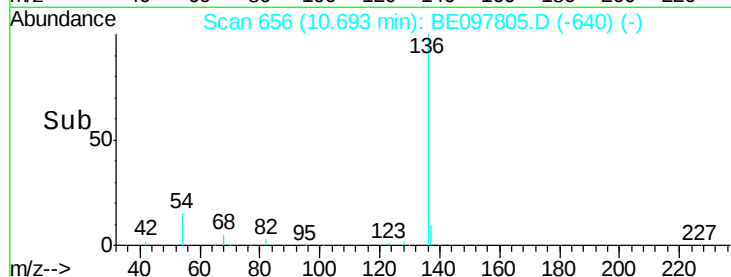


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.175 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

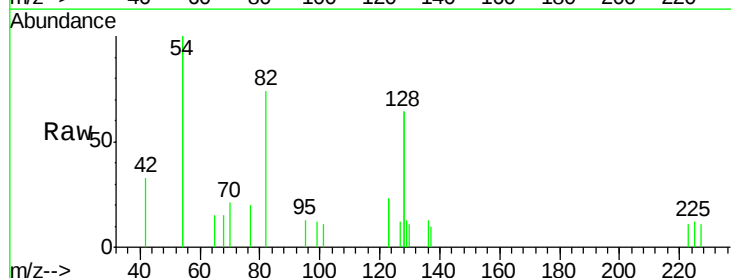
Tgt Ion: 82 Resp: 972

Ion Ratio Lower Upper

82 100

128 174.4 97.0 145.4#

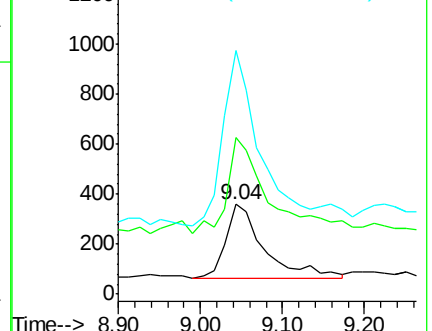
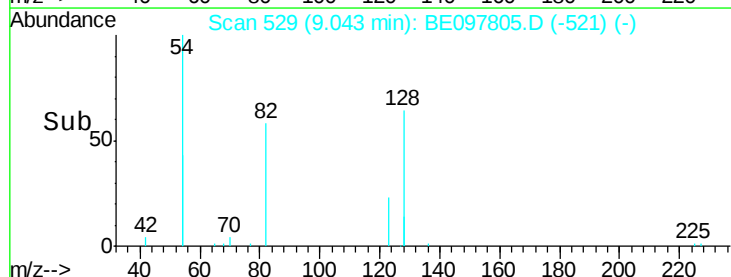
54 270.6 206.9 310.3

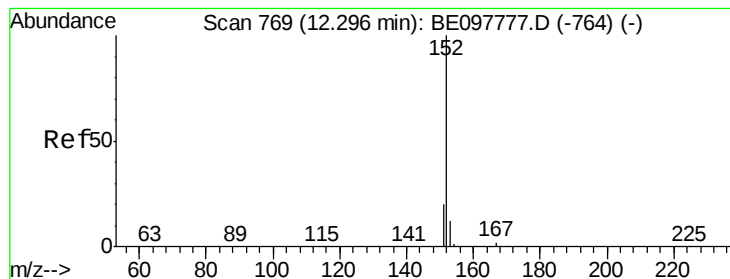


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.095 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

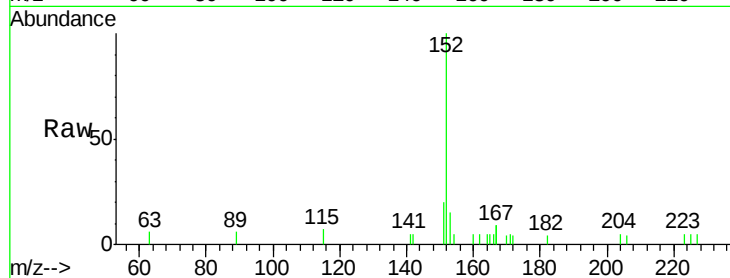
TT-DUP02-20181003DL

Tgt Ion:152 Resp: 2576

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

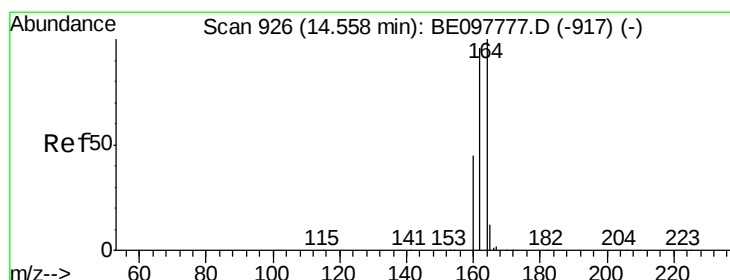
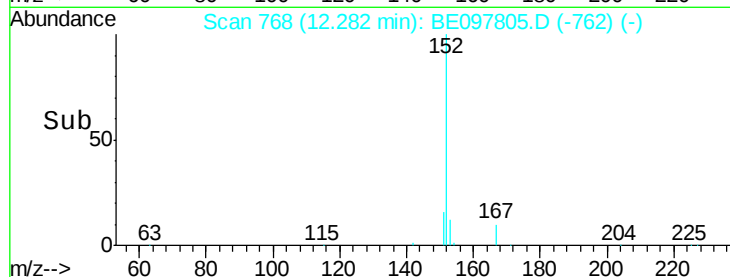
1000

500

0

Time-->

12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

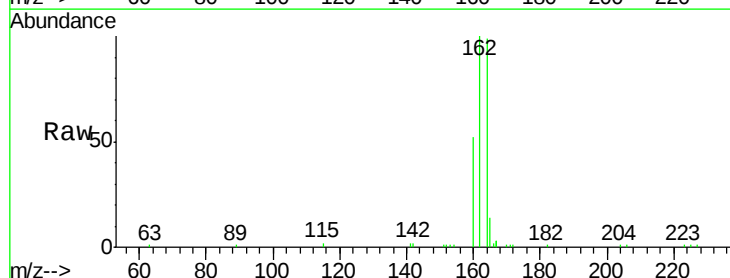
Tgt Ion:164 Resp: 10173

Ion Ratio Lower Upper

164 100

162 100.6 78.6 117.8

160 52.1 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

14.54

6000

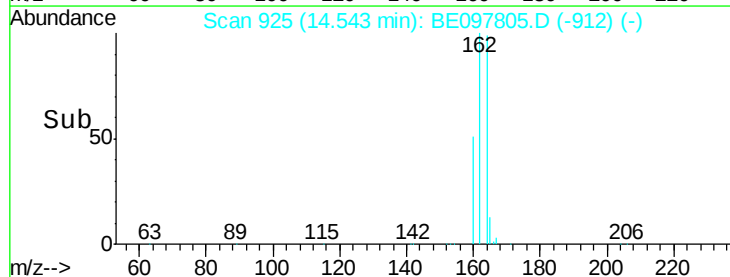
4000

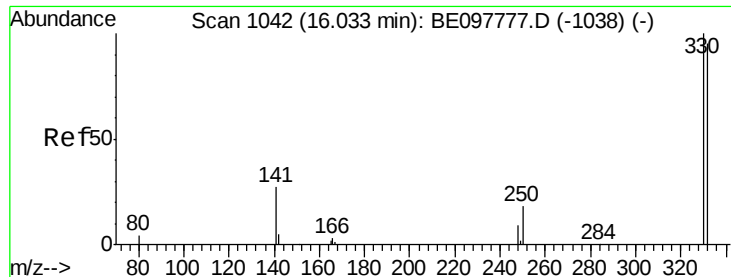
2000

0

Time-->

14.40 14.60

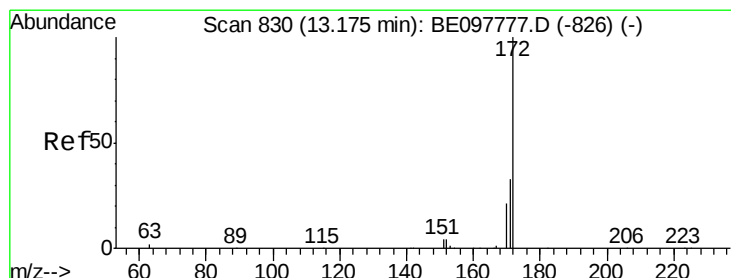
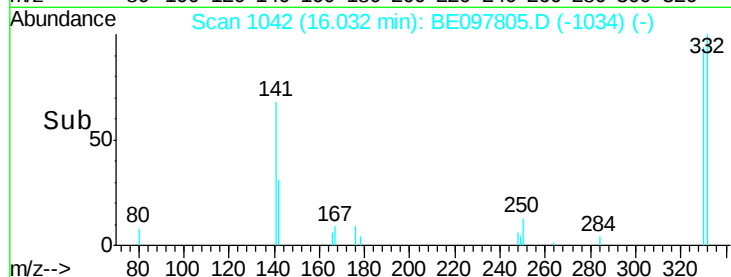
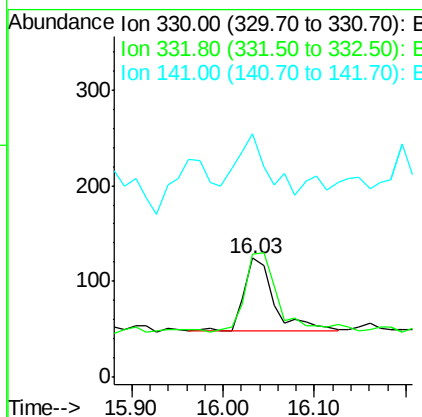
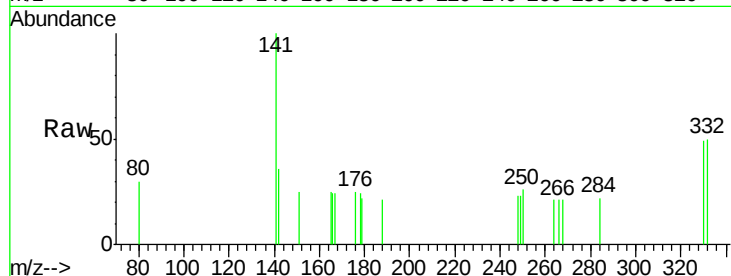




#14
 2,4,6-Tribromophenol
 Concen: 0.095 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097805.D
 Acq: 8 Oct 2018 22:25

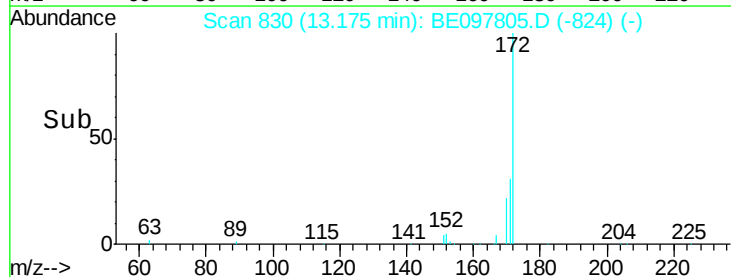
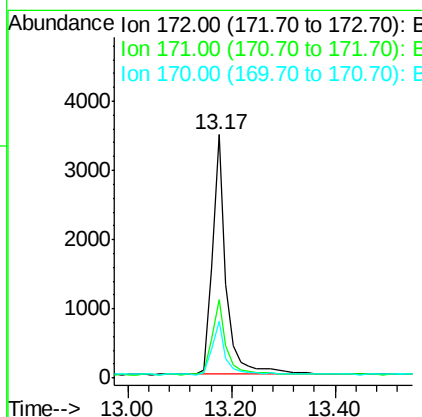
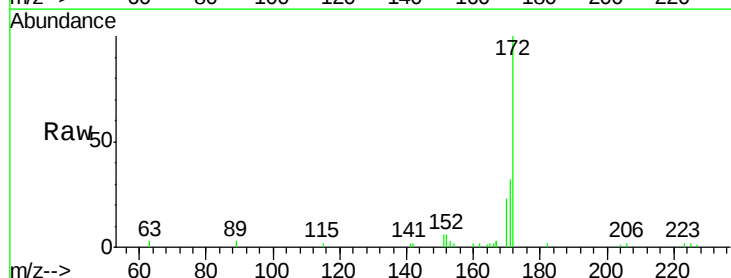
Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP02-20181003DL

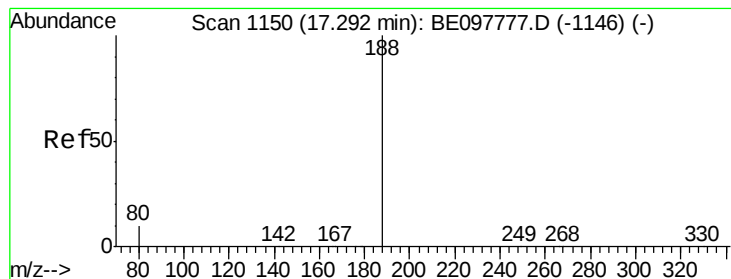
Tgt Ion:330 Resp: 175
 Ion Ratio Lower Upper
 330 100
 332 122.9 83.5 125.3
 141 80.6 34.9 52.3#



#15
 2-Fluorobiphenyl
 Concen: 0.146 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BE097805.D
 Acq: 8 Oct 2018 22:25

Tgt Ion:172 Resp: 6538
 Ion Ratio Lower Upper
 172 100
 171 32.2 25.2 37.8
 170 23.5 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: BE097805.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003DL

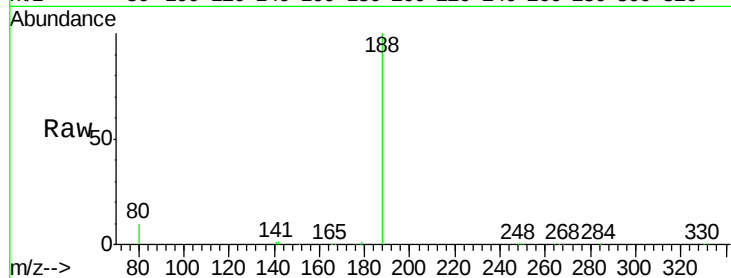
Tgt Ion:188 Resp: 29164

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

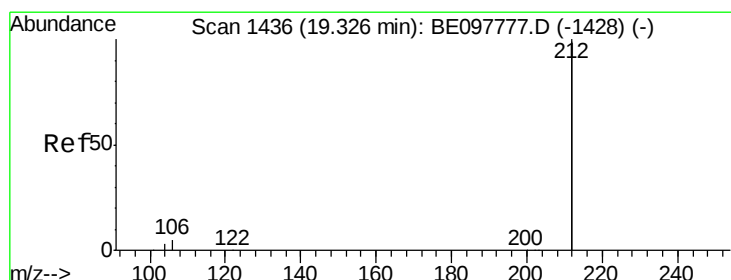
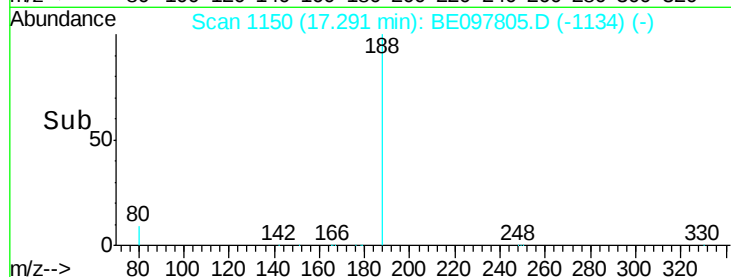
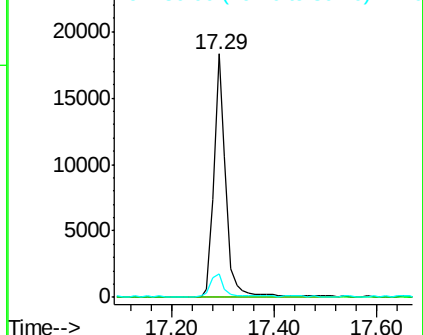
80 9.7 6.6 9.8



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



#25

Fluoranthene-d10

Concen: 0.091 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

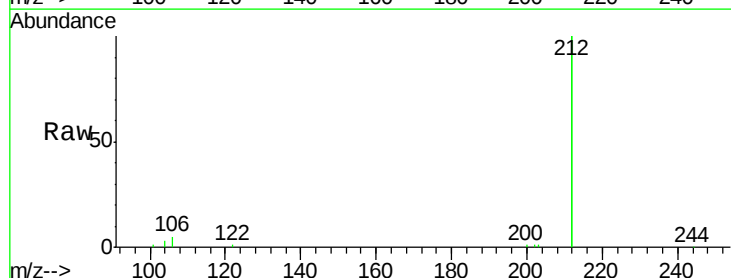
Tgt Ion:212 Resp: 33556

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

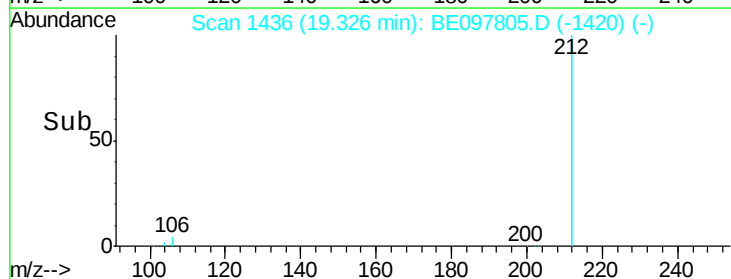
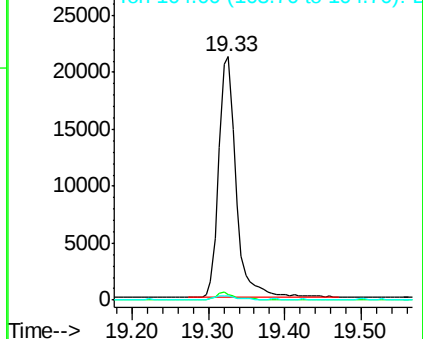
104 1.5 1.2 1.8

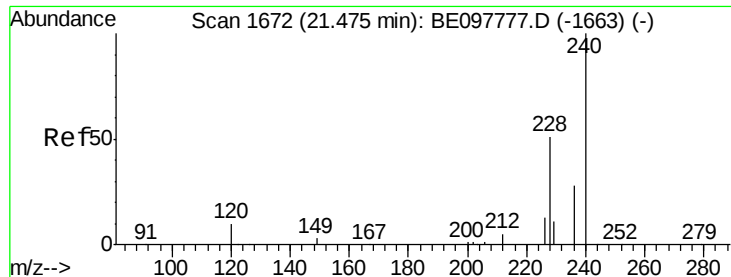


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003DL

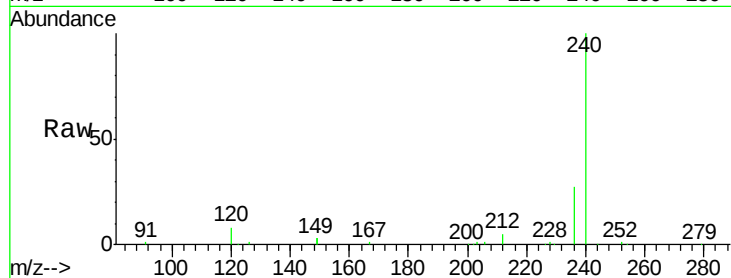
Tgt Ion:240 Resp: 31534

Ion Ratio Lower Upper

240 100

120 7.6 4.7 7.1#

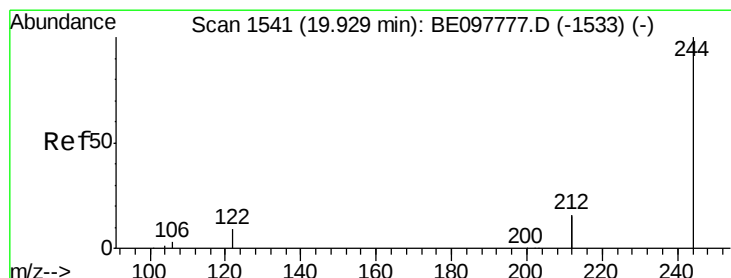
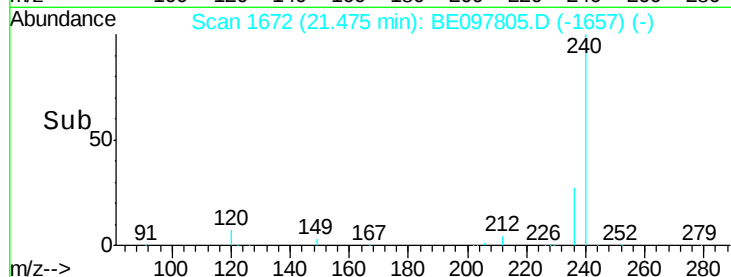
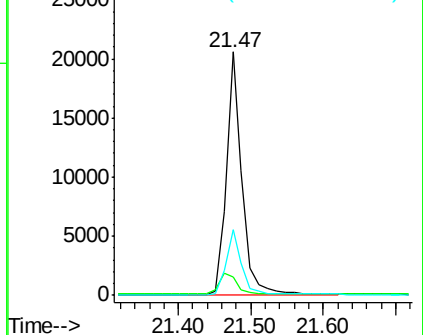
236 27.0 20.8 31.2



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: 0.110 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097805.D

Acq: 8 Oct 2018 22:25

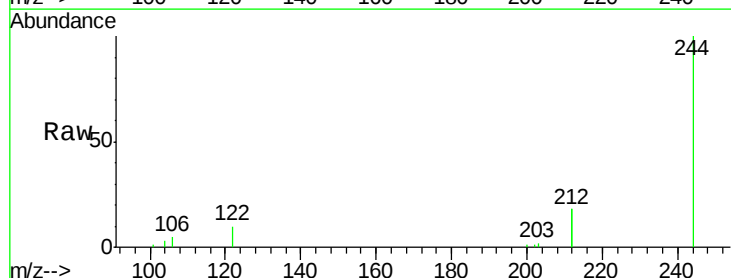
Tgt Ion:244 Resp: 7100

Ion Ratio Lower Upper

244 100

212 35.2 25.8 38.8

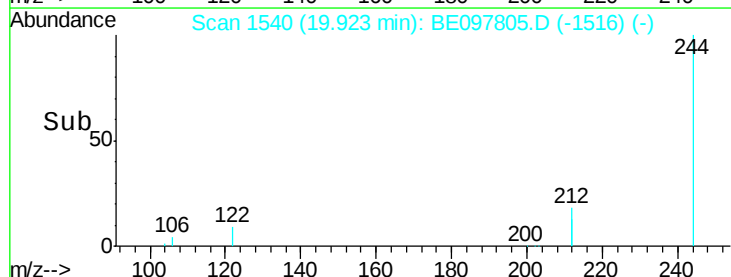
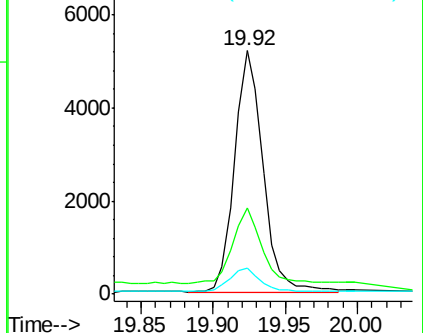
122 10.5 8.7 13.1

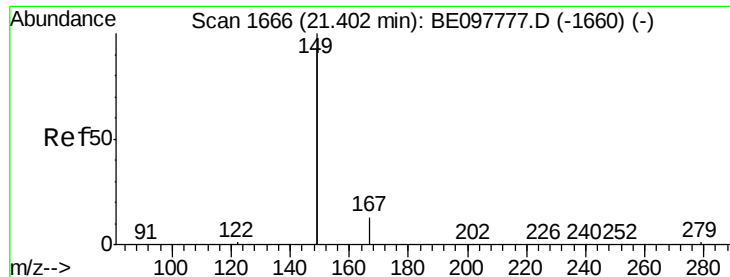


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

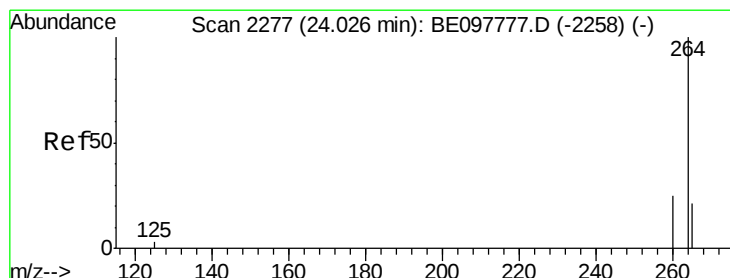
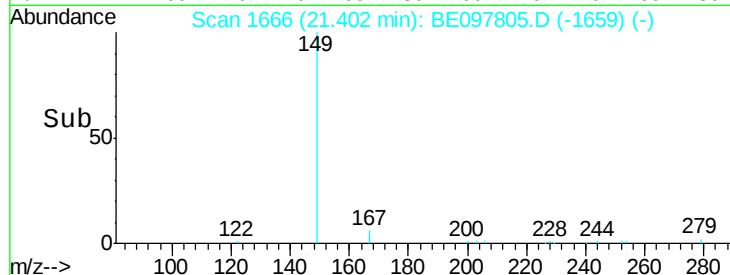
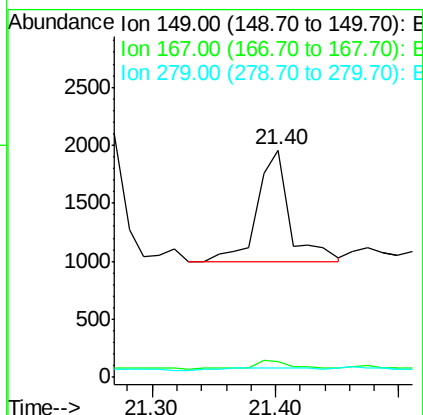
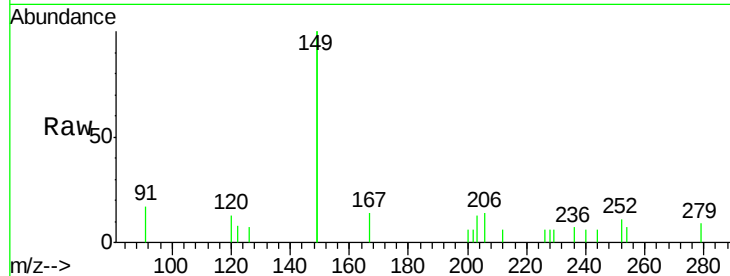




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097805.D
 Acq: 8 Oct 2018 22:25

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP02-20181003DL

Tgt Ion:149 Resp: 1752
 Ion Ratio Lower Upper
 149 100
 167 8.8 5.5 8.3#
 279 5.1 0.9 1.3#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BE097805.D
 Acq: 8 Oct 2018 22:25

Tgt Ion:264 Resp: 29156
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.1 28.7
 265 26.3 21.9 32.9

