

Data File : BE097672.D
Acq On : 26 Sep 2018 00:03
Operator : SJ/JU
Sample : J5033-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20180918

Quant Time: Sep 26 07:37:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	822	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	4063	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	2797	0.40	ng	-0.01
19) Phenanthrene-d10	16.74	188	8391	0.40	ng	-0.01
27) Chrysene-d12	20.95	240	10521	0.40	ng	-0.01
34) Perylene-d12	23.19	264	10227	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	528	0.24	ng	-0.01
5) Phenol-d6	6.58	99	500	0.16	ng	-0.04
8) Nitrobenzene-d5	8.51	82	1550	0.59	ng	-0.04
11) 2-Methylnaphthalene-d10	11.70	152	2668	0.44	ng	-0.02
14) 2,4,6-Tribromophenol	15.49	330	1294	1.01	ng	-0.04
15) 2-Fluorobiphenyl	12.61	172	4880	0.53	ng	-0.02
25) Fluoranthene-d10	18.79	212	48652	0.53	ng	-0.02
29) Terphenyl-d14	19.41	244	9496	0.46	ng	0.00

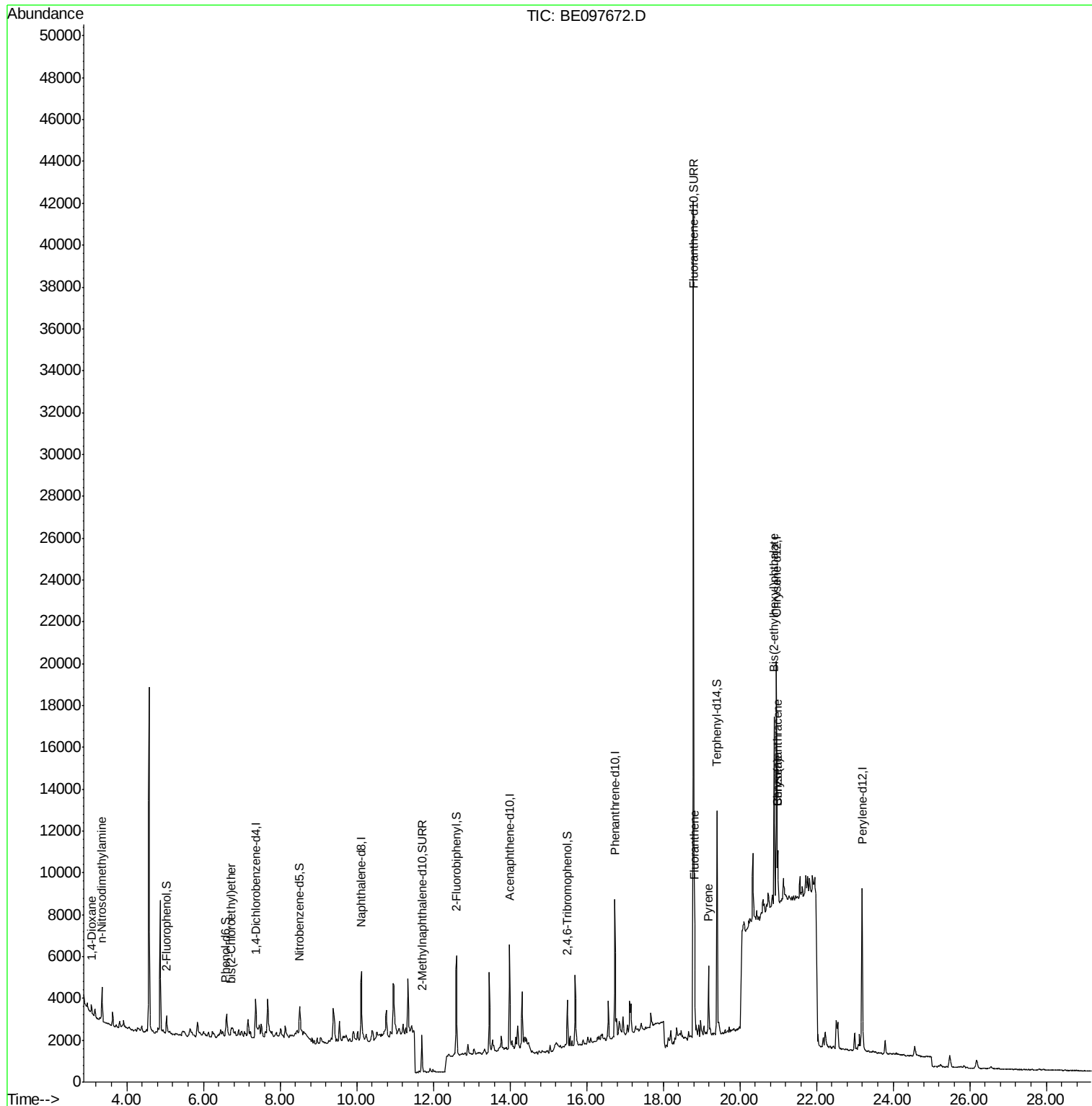
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	225	0.135	ng	# 64
3) n-Nitrosodimethylamine	3.35	42	170	0.225	ng	# 1
6) bis(2-Chloroethyl)ether	6.72	93	926	0.373	ng	# 1
26) Fluoranthene	18.82	202	4449	0.187	ng	95
28) Pyrene	19.18	202	3050	0.111	ng	# 94
30) Benzo(a)anthracene	20.99	228	3313	0.133	ng	# 74
31) Chrysene	20.99	228	3064	0.105	ng	# 74
32) Bis(2-ethylhexyl)phthalate	20.89	149	9637	0.339	ng	# 100

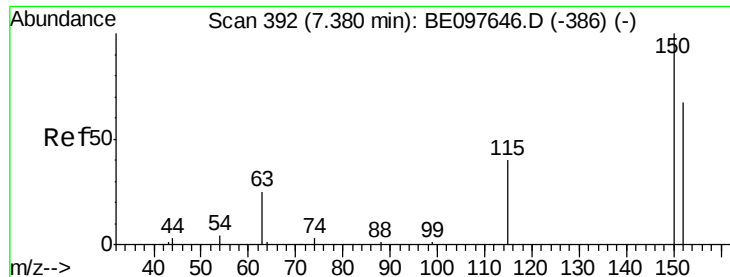
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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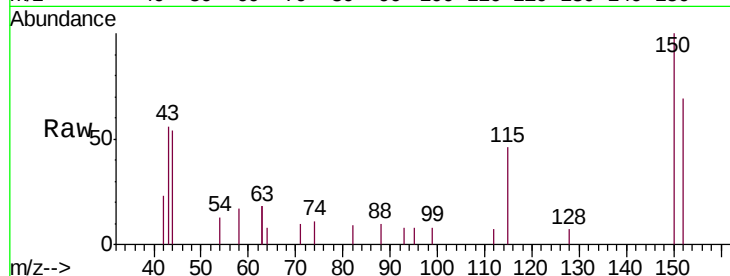


#1

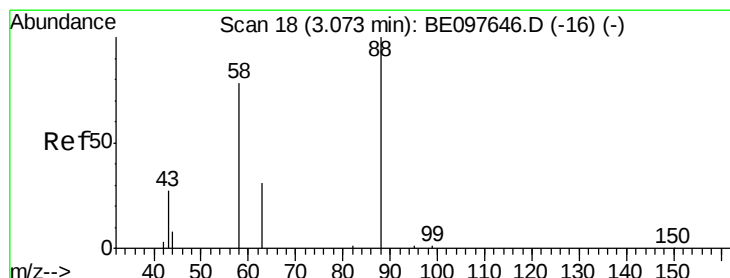
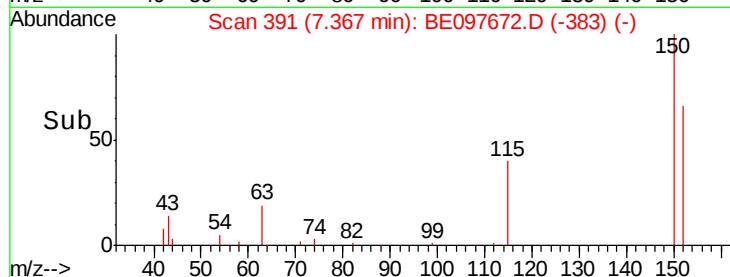
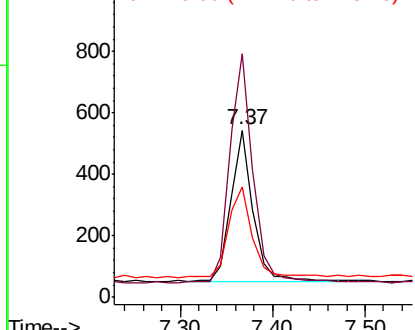
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097672.D
Acq: 26 Sep 2018 00:03

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20180918

Tgt Ion: 152 Resp: 822
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 66.5 57.0 85.6



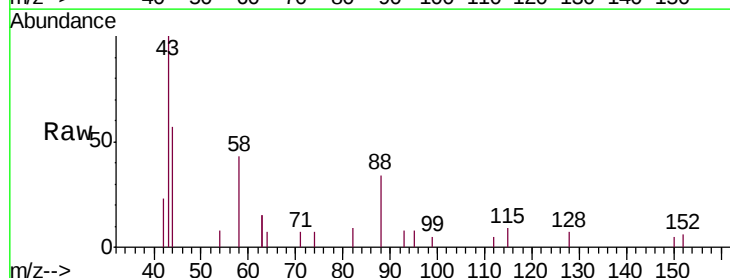
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



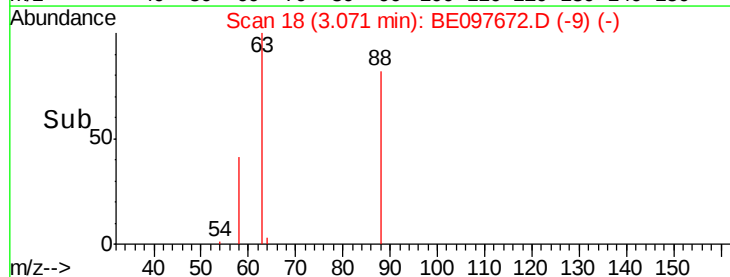
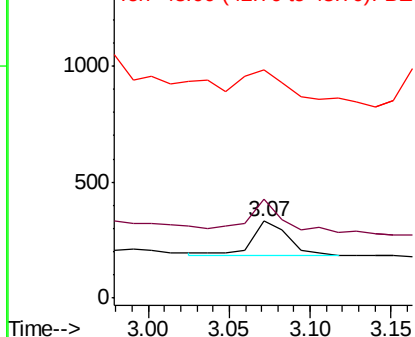
#2

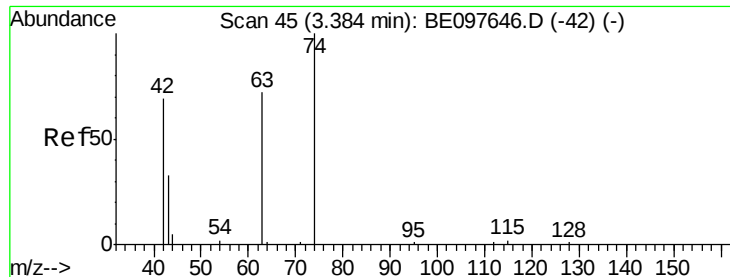
1,4-Dioxane
Concen: 0.135 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097672.D
Acq: 26 Sep 2018 00:03

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
58 94.7 63.2 94.8
43 95.6 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





#3

n-Nitrosodimethylamine

Concen: 0.225 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.04 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180918

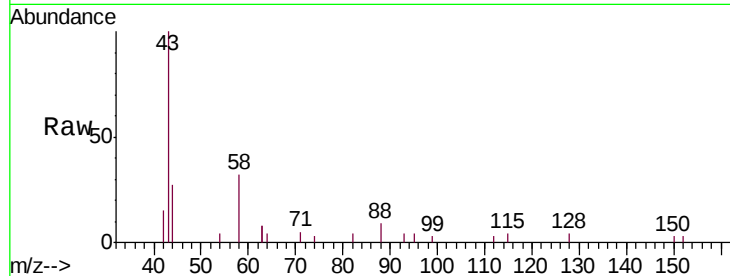
Tgt Ion: 42 Resp: 170

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

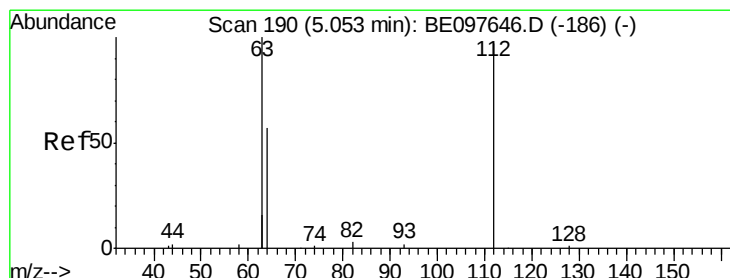
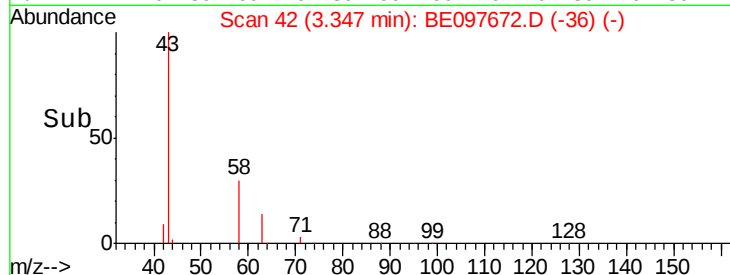
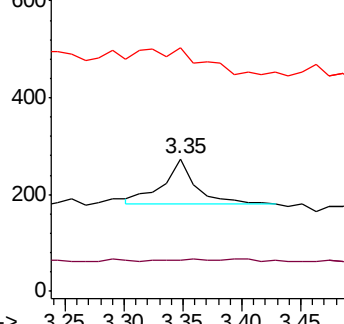
44 0.0 12.0 18.0#



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: 0.244 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

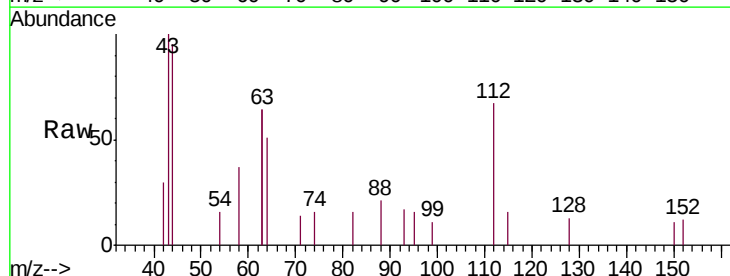
Tgt Ion: 112 Resp: 528

Ion Ratio Lower Upper

112 100

64 66.7 60.1 90.1

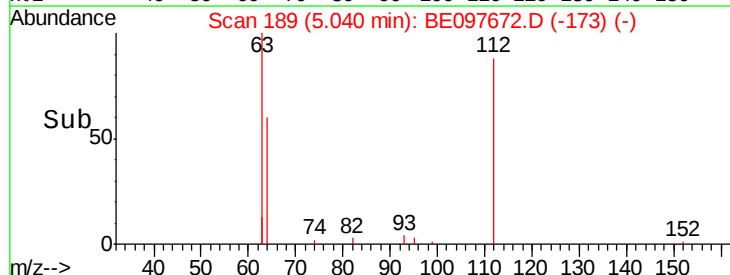
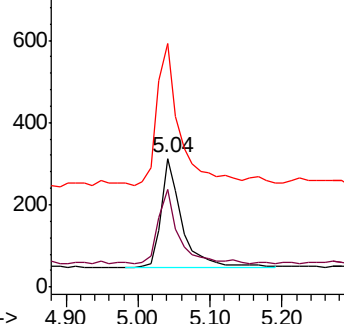
63 143.6 116.8 175.2

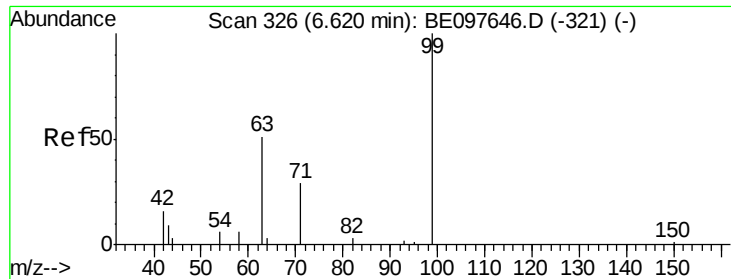


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.164 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.04 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180918

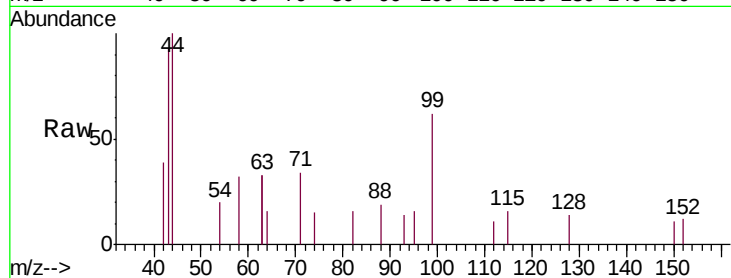
Tgt Ion: 99 Resp: 500

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

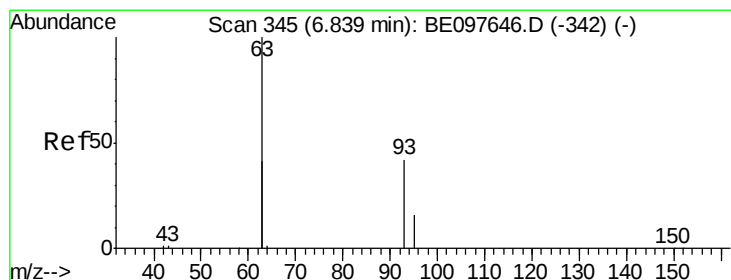
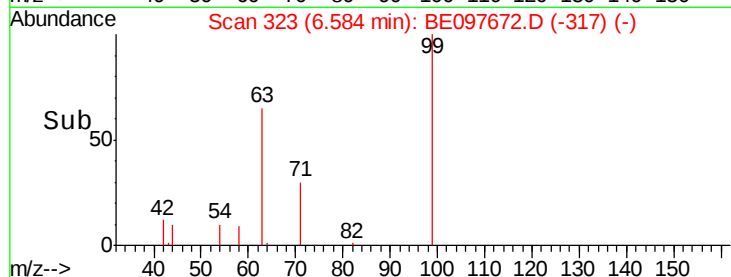
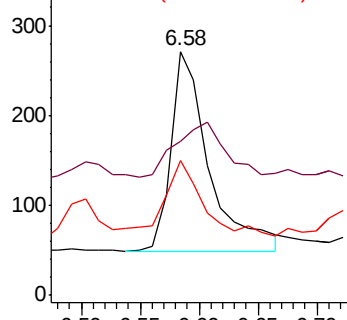
71 37.4 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.373 ng

RT: 6.72 min Scan# 335

Delta R.T. -0.12 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

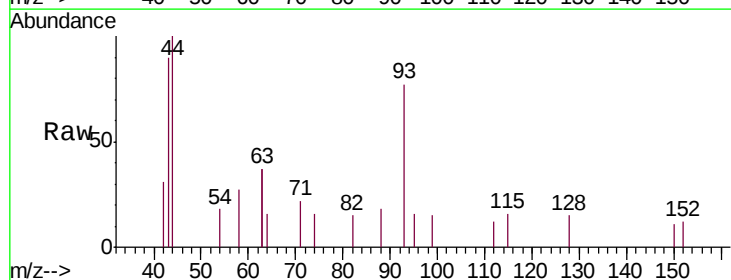
Tgt Ion: 93 Resp: 926

Ion Ratio Lower Upper

93 100

63 17.1 275.3 412.9#

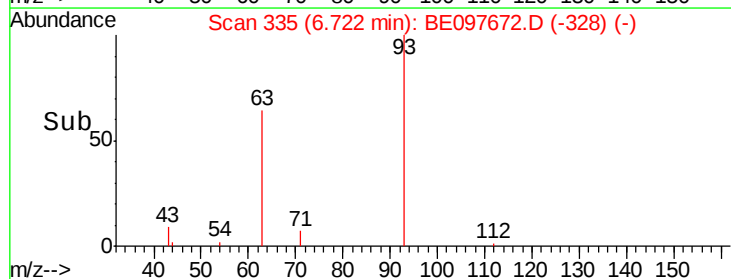
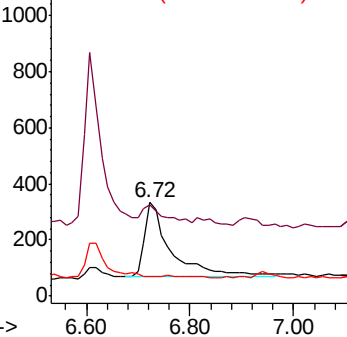
95 0.0 25.2 37.8#

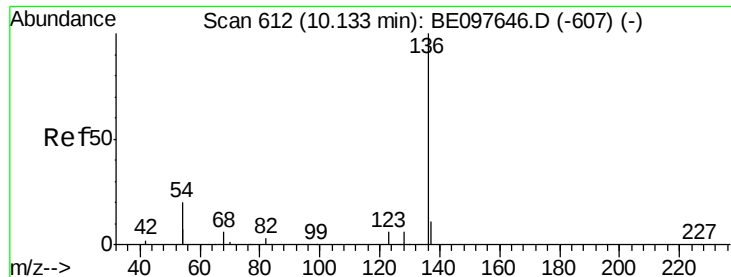


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180918

Tgt Ion: 136 Resp: 4063

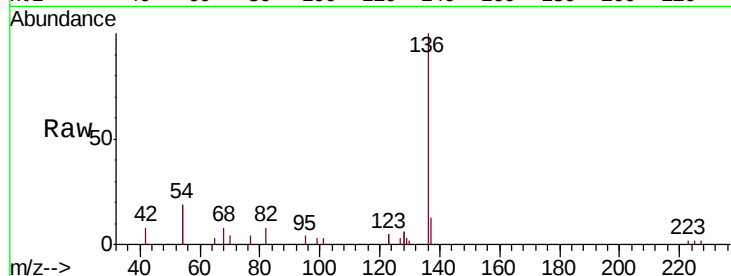
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 38.3 29.1 43.7

68 8.4 6.2 9.2

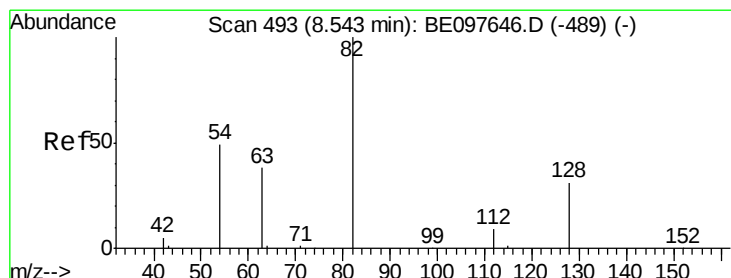
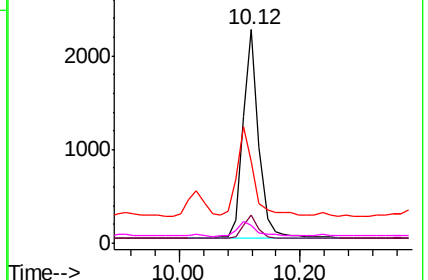
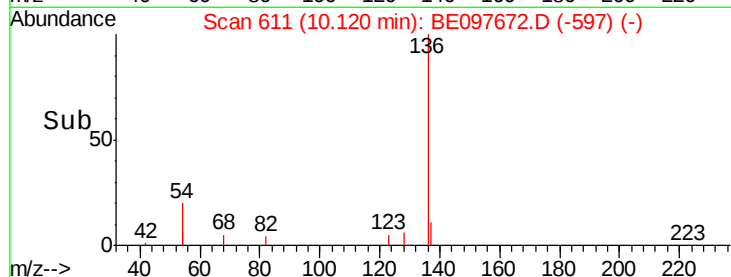


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.589 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.04 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

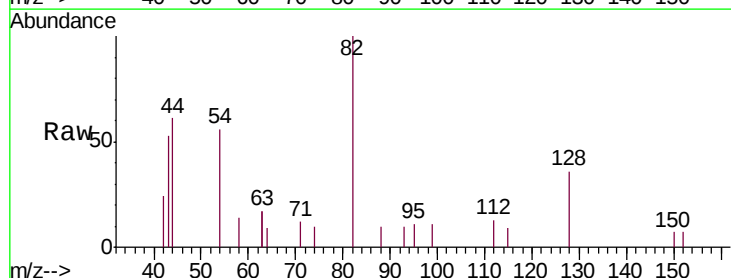
Tgt Ion: 82 Resp: 1550

Ion Ratio Lower Upper

82 100

128 35.6 24.0 36.0

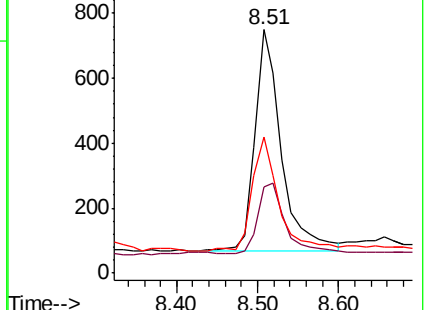
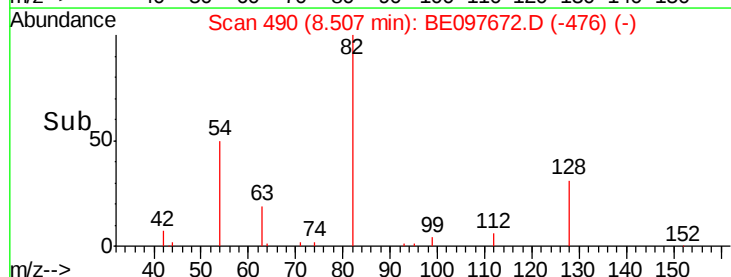
54 55.9 40.0 60.0

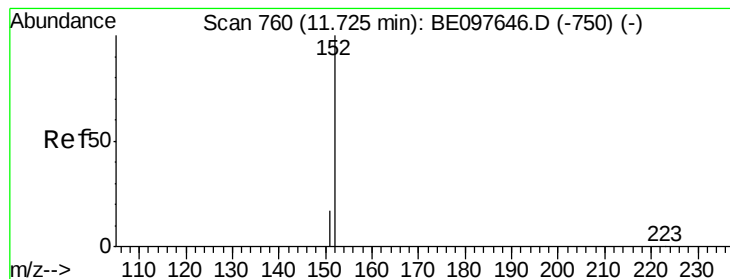


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.443 ng

RT: 11.70 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

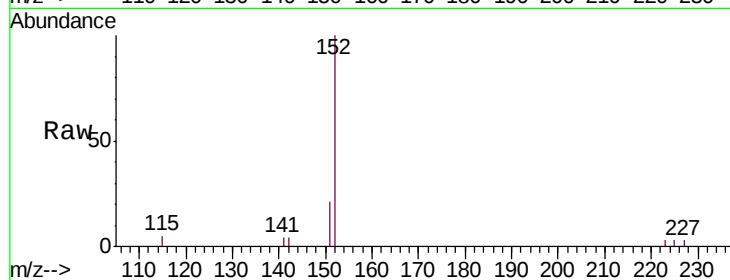
BP-TT-SW4002-20180918

Tgt Ion:152 Resp: 2668

Ion Ratio Lower Upper

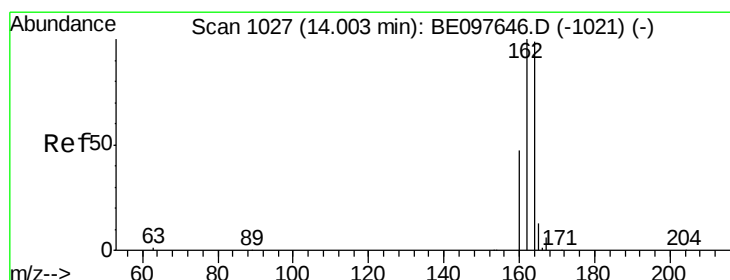
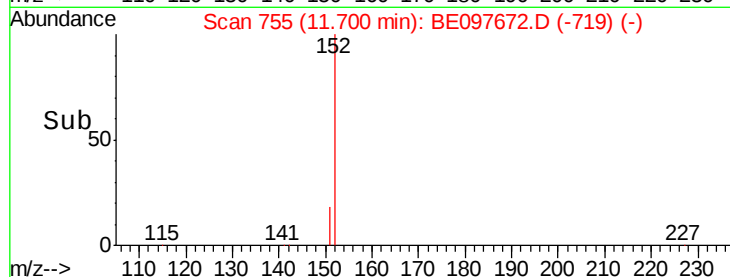
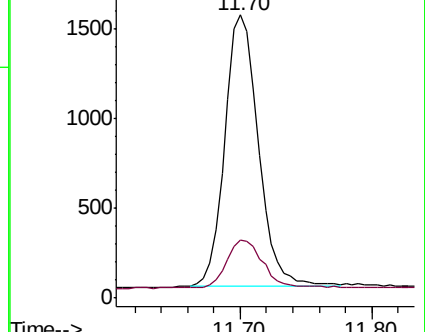
152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.99 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

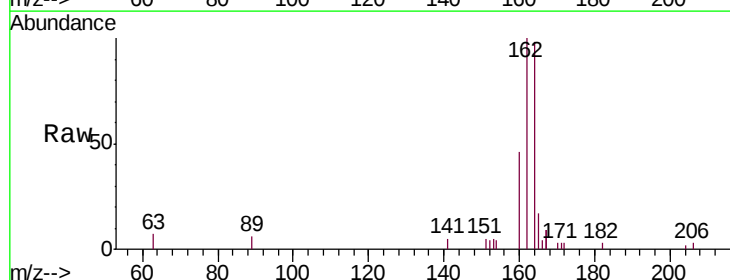
Tgt Ion:164 Resp: 2797

Ion Ratio Lower Upper

164 100

162 101.9 83.1 124.7

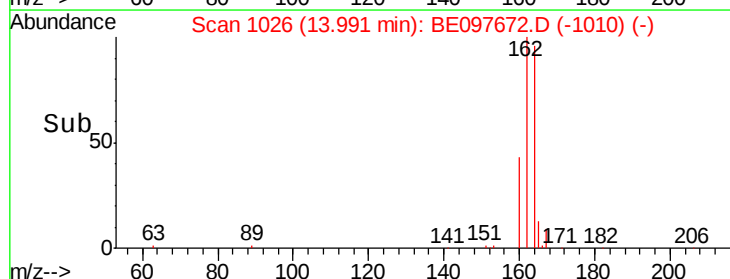
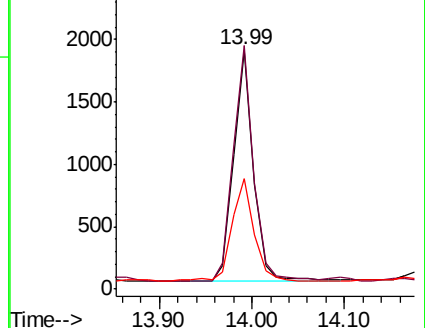
160 46.5 37.1 55.7

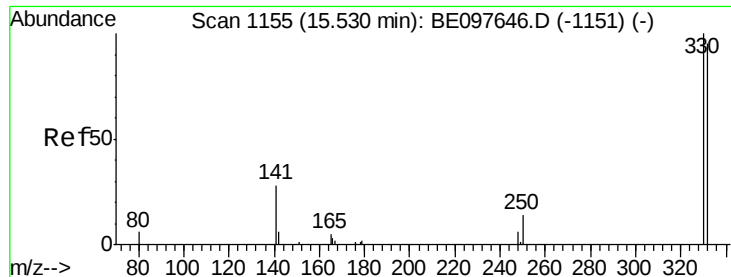


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

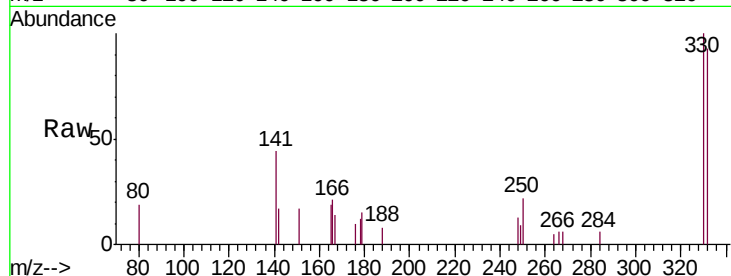




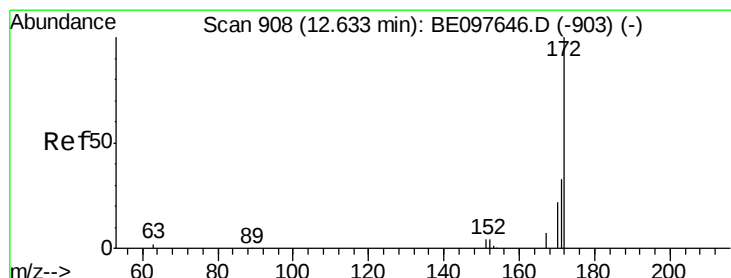
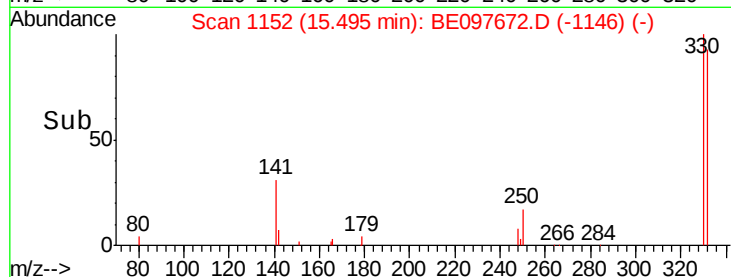
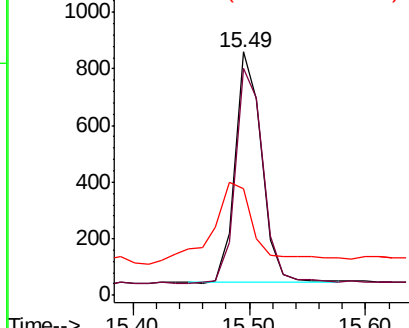
#14
 2,4,6-Tribromophenol
 Concen: 1.014 ng
 RT: 15.49 min Scan# 1152
 Delta R.T. -0.04 min
 Lab File: BE097672.D
 Acq: 26 Sep 2018 00:03

Instrument :
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 BP-TT-SW4002-20180918

Tgt Ion: 330 Resp: 1294
 Ion Ratio Lower Upper
 330 100
 332 96.8 152.7 229.1#
 141 43.0 33.7 50.5

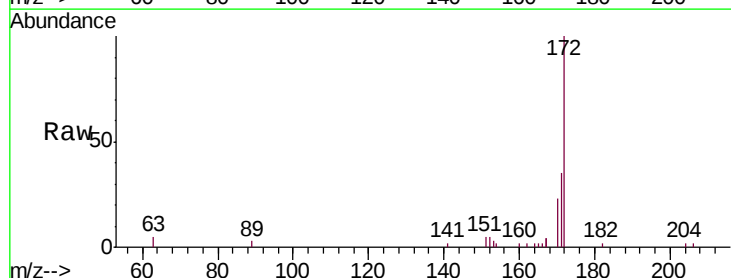


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

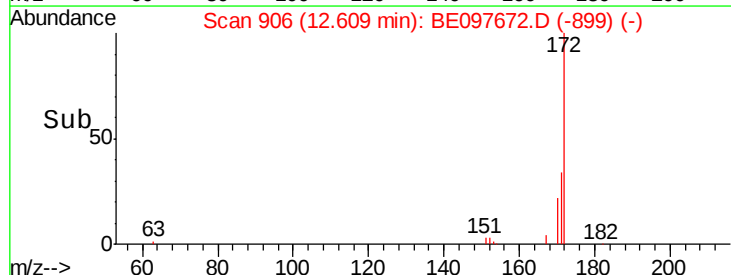
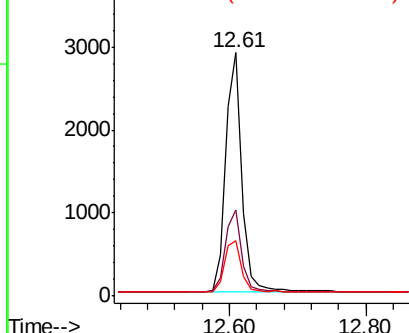


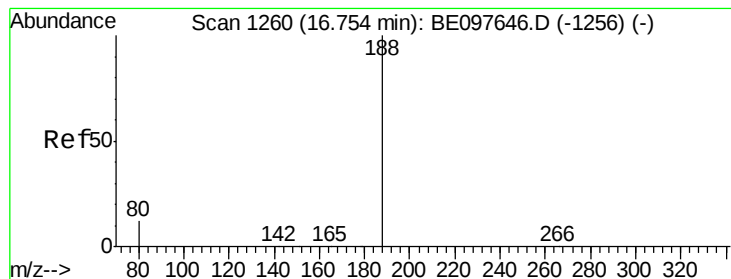
#15
 2-Fluorobiphenyl
 Concen: 0.535 ng
 RT: 12.61 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BE097672.D
 Acq: 26 Sep 2018 00:03

Tgt Ion: 172 Resp: 4880
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 23.0 21.8 32.8



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: 16.74 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180918

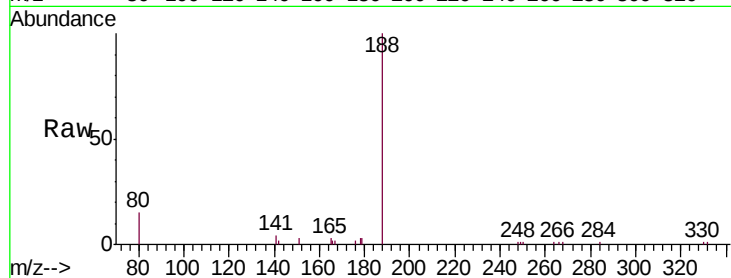
Tgt Ion:188 Resp: 8391

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

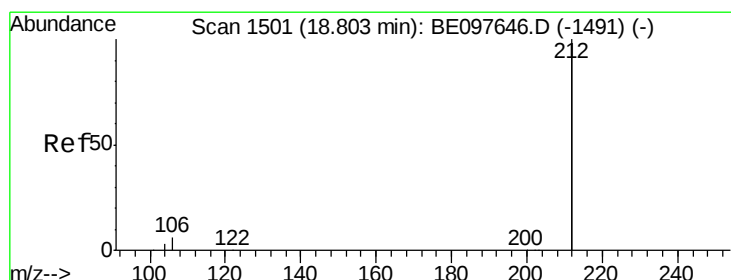
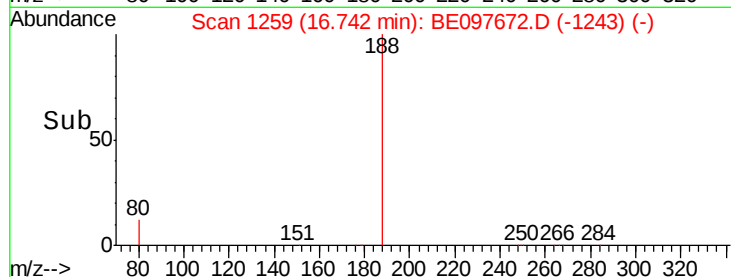
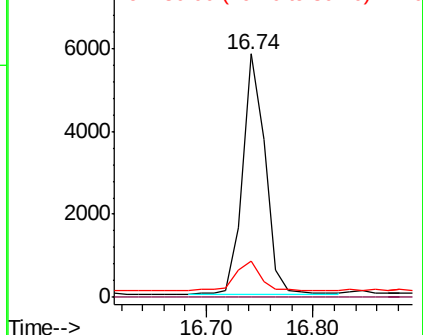
80 15.0 3.6 5.4#



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: 0.532 ng

RT: 18.79 min Scan# 1499

Delta R.T. -0.02 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

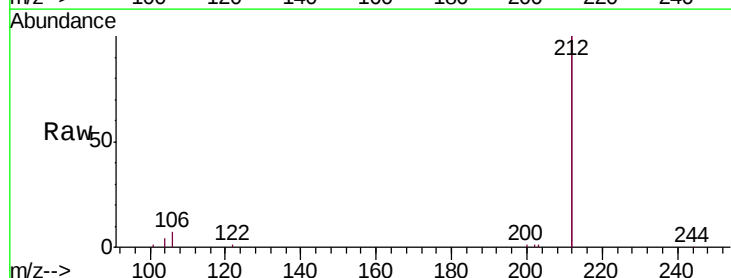
Tgt Ion:212 Resp: 48652

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

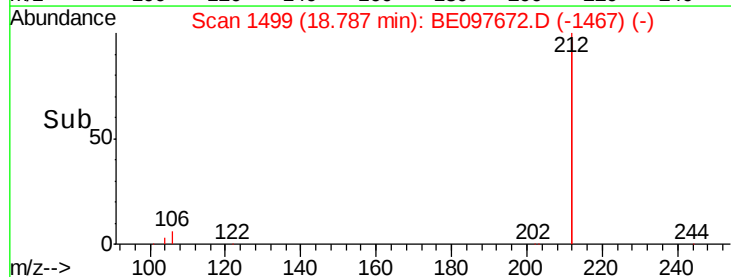
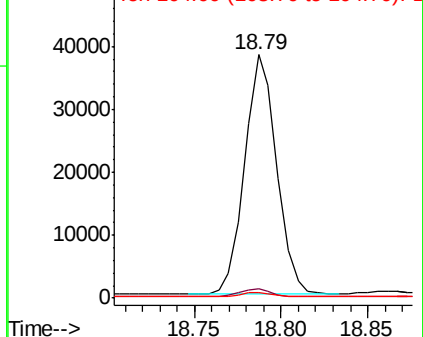
104 1.9 1.6 2.4

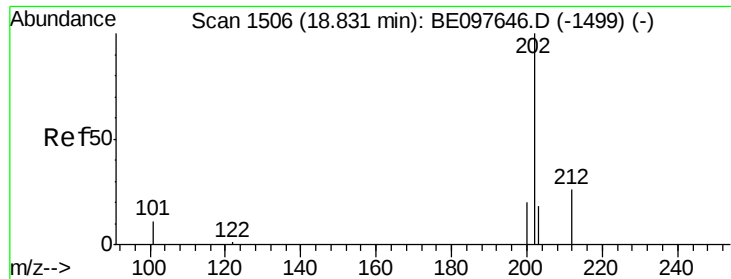


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

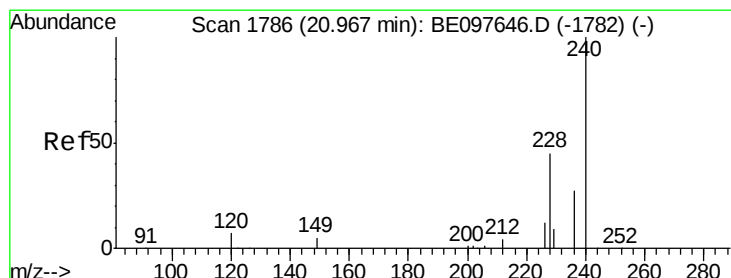
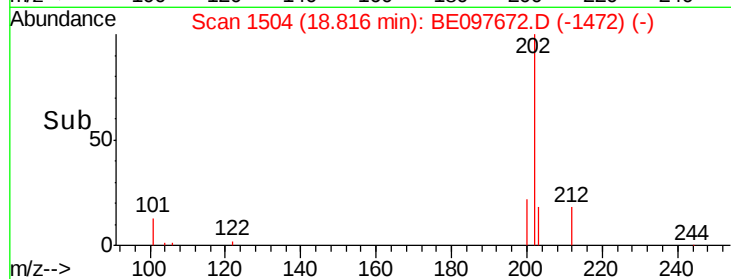
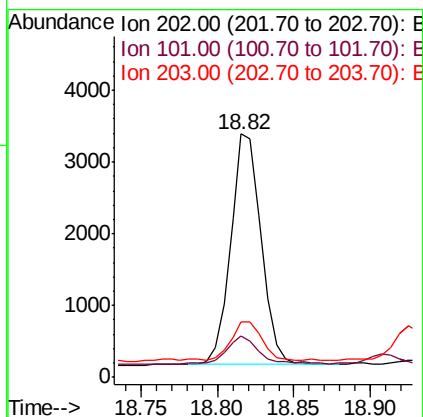
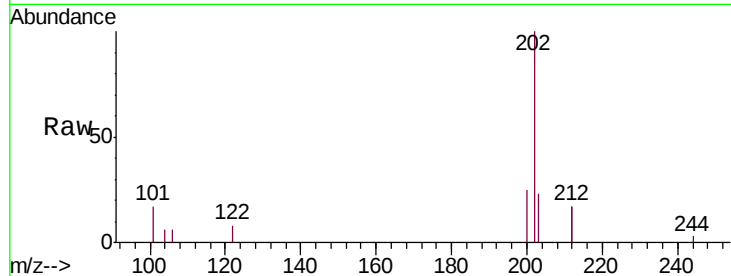




#26
 Fluoranthene
 Concen: 0.187 ng
 RT: 18.82 min Scan# 1504
 Delta R.T. -0.02 min
 Lab File: BE097672.D
 Acq: 26 Sep 2018 00:03

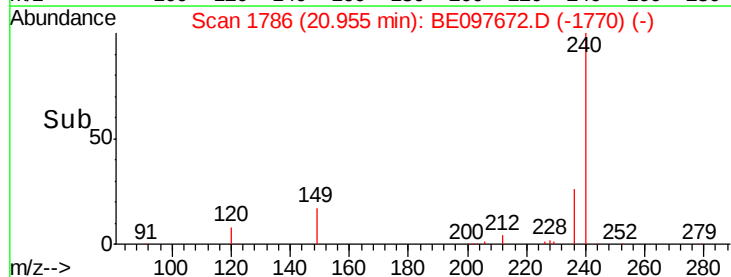
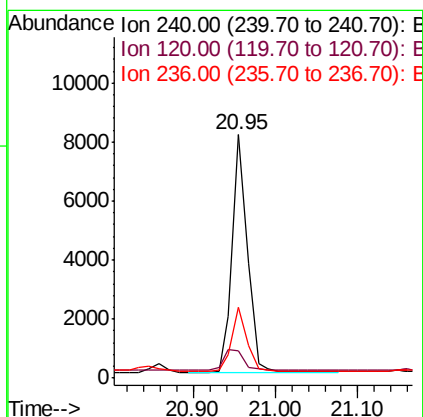
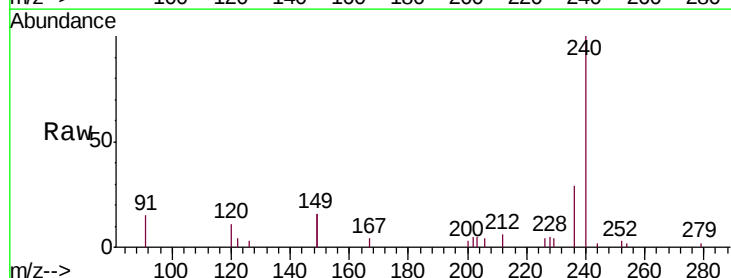
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20180918

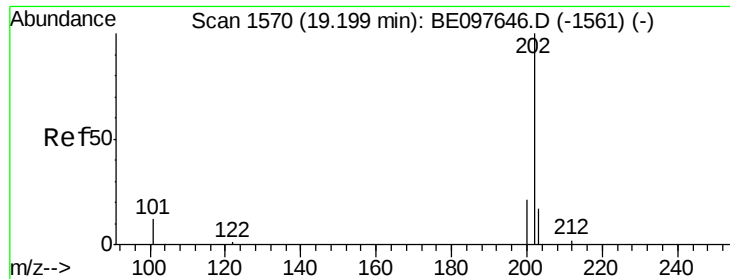
Tgt Ion:202 Resp: 4449
 Ion Ratio Lower Upper
 202 100
 101 13.8 9.8 14.8
 203 19.9 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BE097672.D
 Acq: 26 Sep 2018 00:03

Tgt Ion:240 Resp: 10521
 Ion Ratio Lower Upper
 240 100
 120 11.0 5.5 8.3#
 236 29.1 20.7 31.1





#28

Pyrene

Concen: 0.111 ng

RT: 19.18 min Scan# 1568

Delta R.T. -0.02 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180918

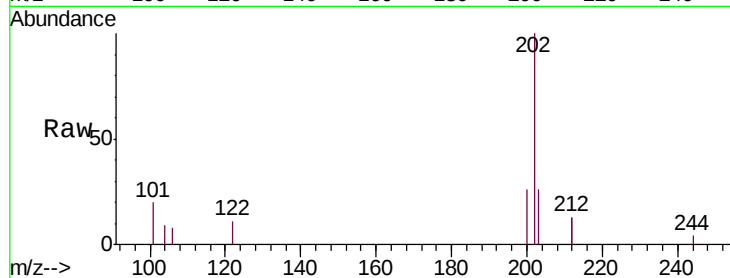
Tgt Ion:202 Resp: 3050

Ion Ratio Lower Upper

202 100

200 19.2 16.6 25.0

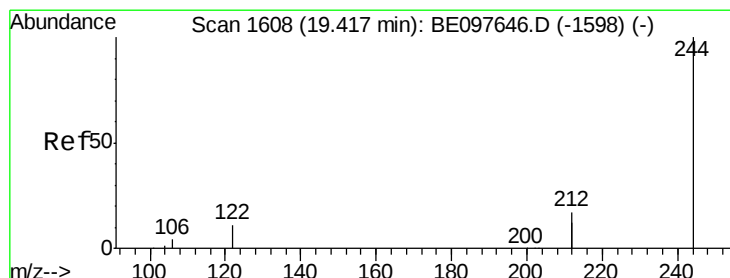
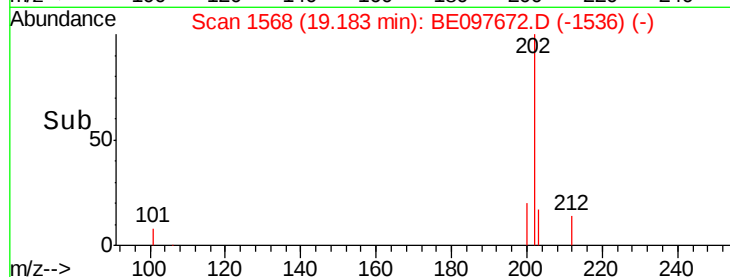
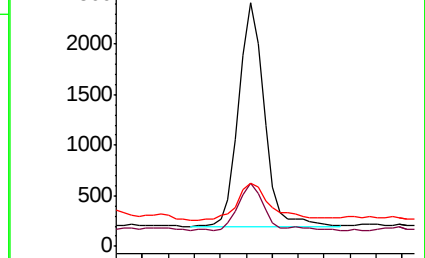
203 21.3 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.458 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

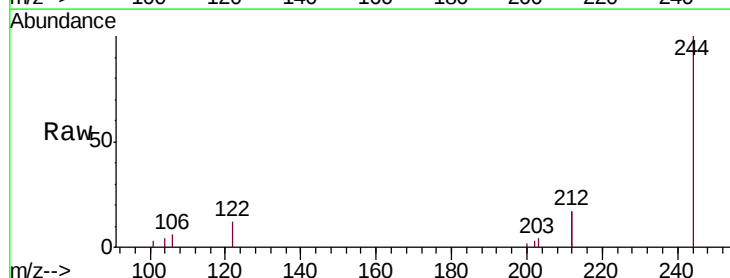
Tgt Ion:244 Resp: 9496

Ion Ratio Lower Upper

244 100

212 33.7 25.4 38.0

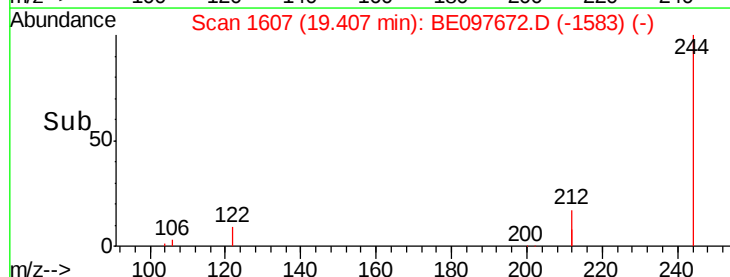
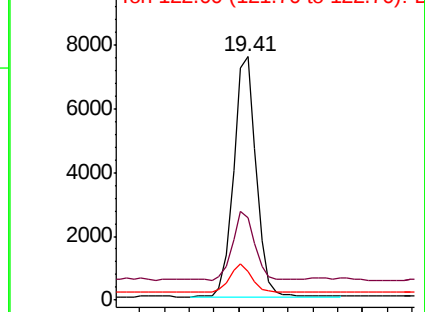
122 11.9 8.1 12.1

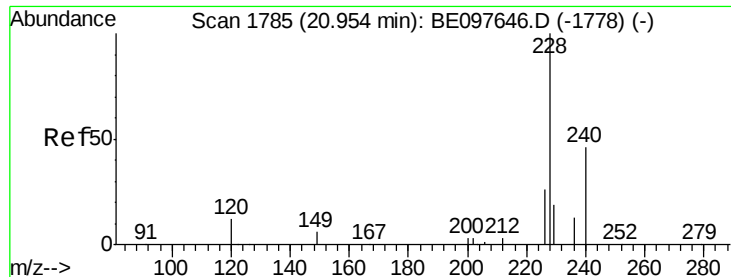


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.133 ng

RT: 20.99 min Scan# 1789

Delta R.T. 0.04 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20180918

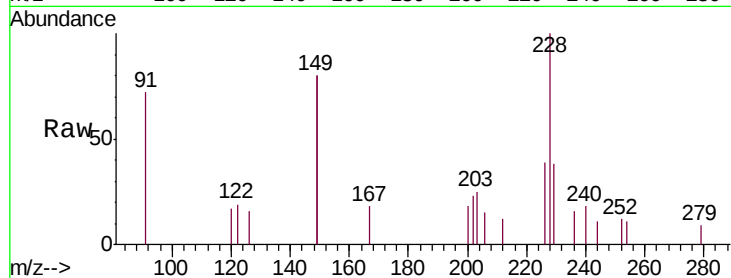
Tgt Ion:228 Resp: 3313

Ion Ratio Lower Upper

228 100

226 39.4 24.0 36.0#

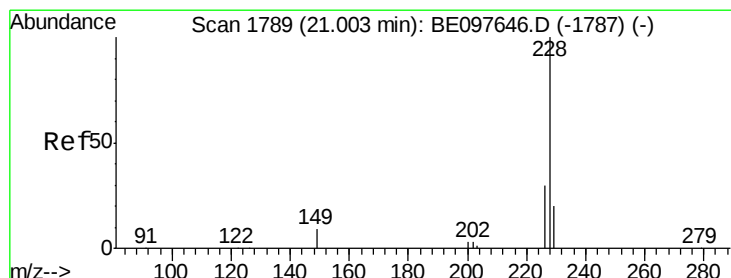
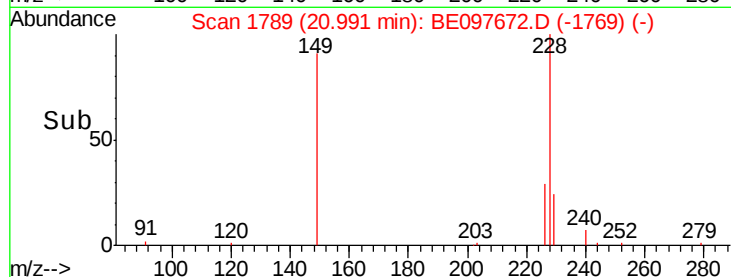
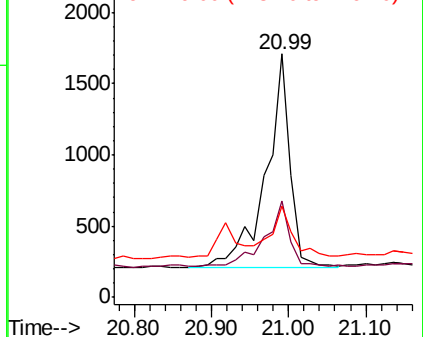
229 37.5 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.105 ng

RT: 20.99 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BE097672.D

Acq: 26 Sep 2018 00:03

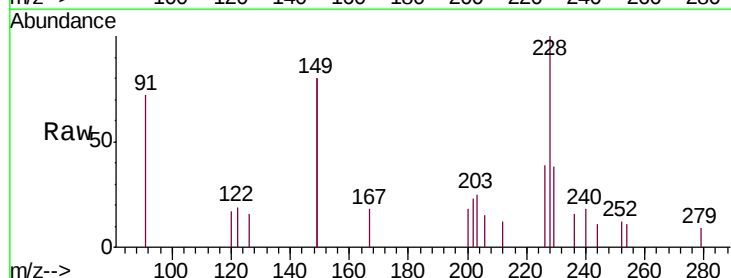
Tgt Ion:228 Resp: 3064

Ion Ratio Lower Upper

228 100

226 39.4 24.0 36.0#

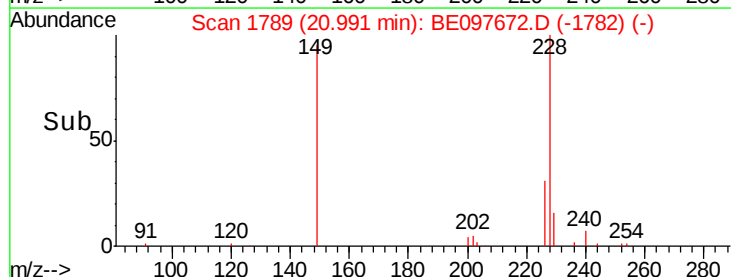
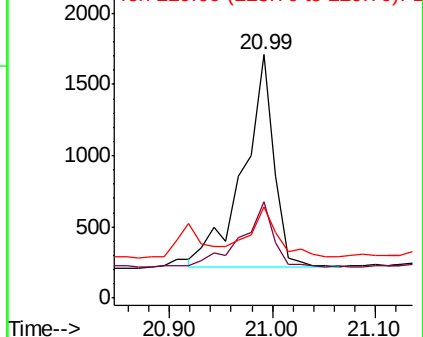
229 37.5 16.0 24.0#

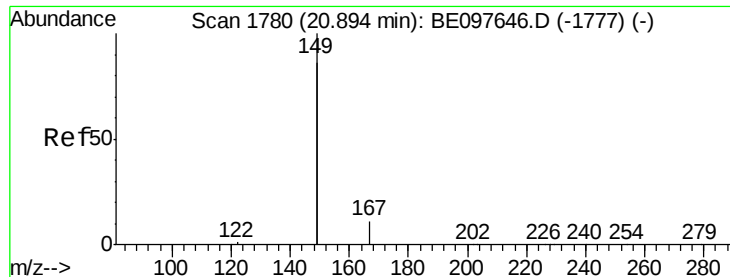


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

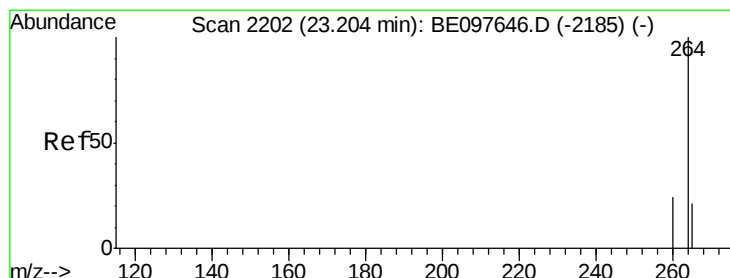
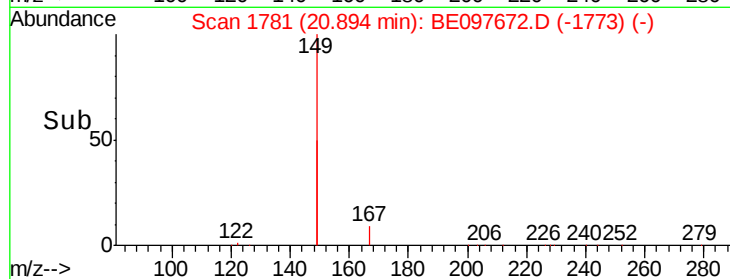
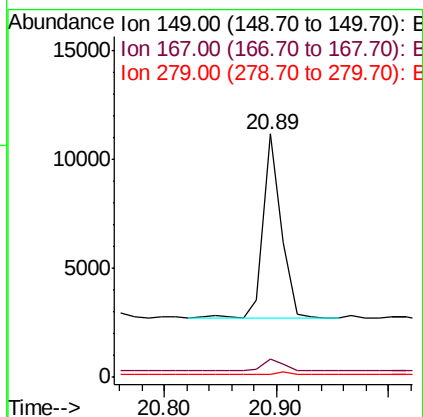
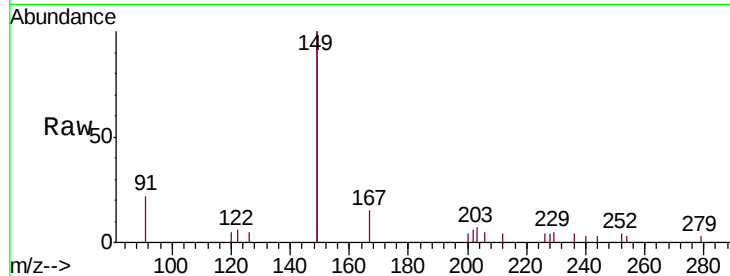




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.339 ng
 RT: 20.89 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097672.D
 Acq: 26 Sep 2018 00:03

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20180918

Tgt Ion:149 Resp: 9637
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.6 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BE097672.D
 Acq: 26 Sep 2018 00:03

Tgt Ion:264 Resp: 10227
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.5 30.7
 265 28.8 22.8 34.2

