

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097804.D
 Acq On : 8 Oct 2018 21:49
 Operator : SJ/JU
 Sample : J5189-12DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP01-20180928DL

Quant Time: Oct 09 06:59:26 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

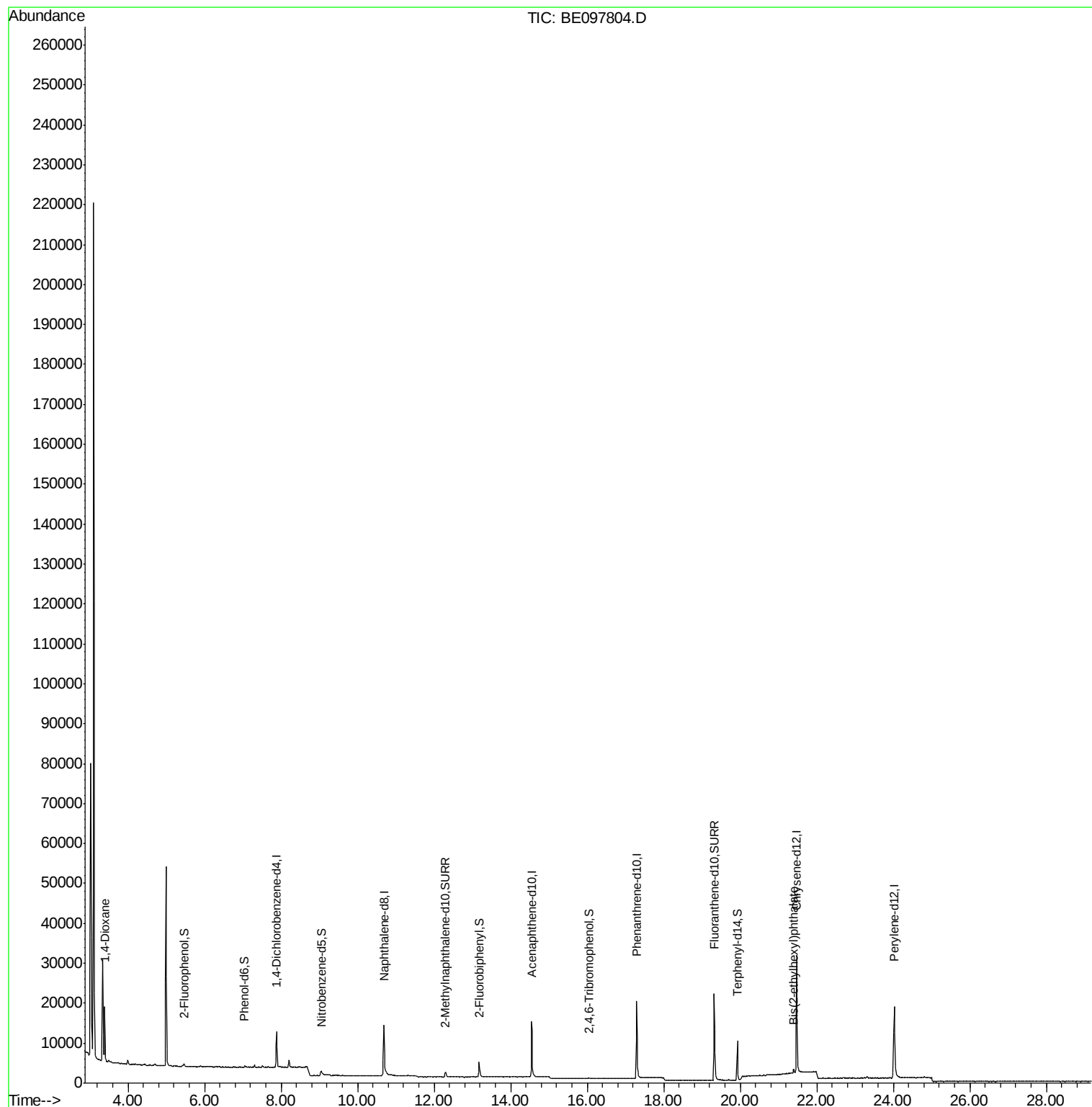
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4319	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	17508	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	10437	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	29606	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	32420	0.40	ng	-0.01
34) Perylene-d12	24.02	264	29991	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	477	0.05	ng	-0.01
5) Phenol-d6	7.04	99	330	0.02	ng	0.00
8) Nitrobenzene-d5	9.06	82	880	0.15	ng	0.01
11) 2-Methylnaphthalene-d10	12.30	152	2422	0.09	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	196	0.10	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	4652	0.10	ng	-0.02
25) Fluoranthene-d10	19.32	212	32748	0.09	ng	-0.01
29) Terphenyl-d14	19.92	244	9165	0.14	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.39	88	8946	1.040	ng	98
32) Bis(2-ethylhexyl)phthalate	21.39	149	1755	0.028	ng	# 96

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

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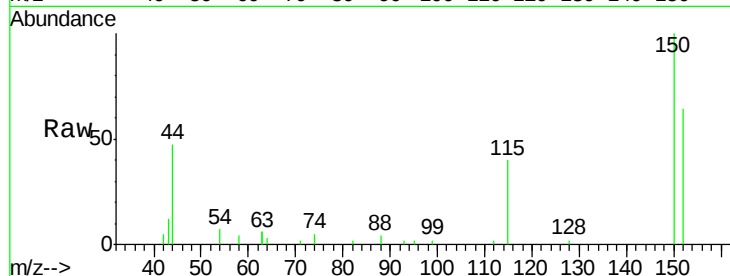


#1

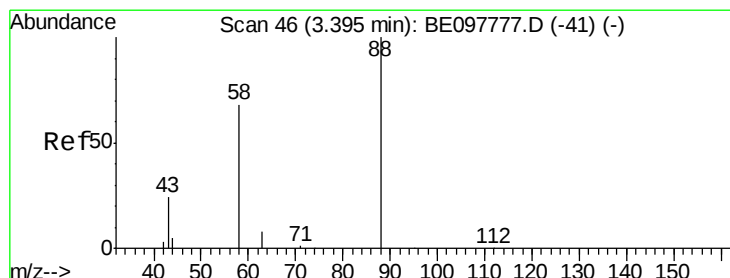
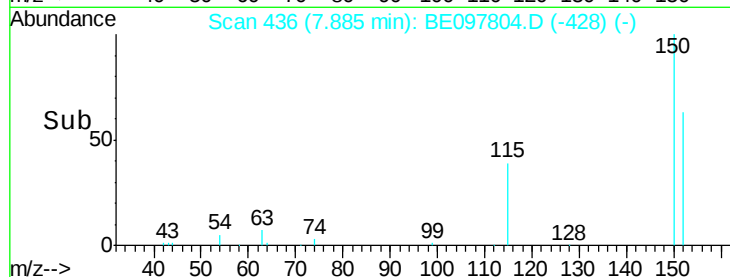
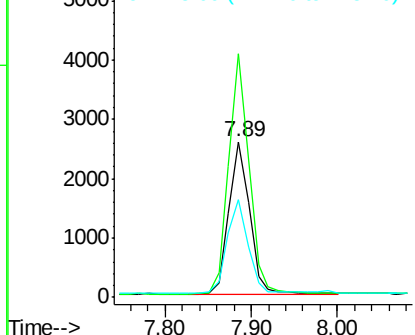
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097804.D
Acq: 8 Oct 2018 21:49

Instrument :
BNA_E
ClientSampleId :
TT-DUP01-20180928DL

Tgt Ion: 152 Resp: 4319
Ion Ratio Lower Upper
152 100
150 156.4 120.9 181.3
115 62.9 46.6 69.8



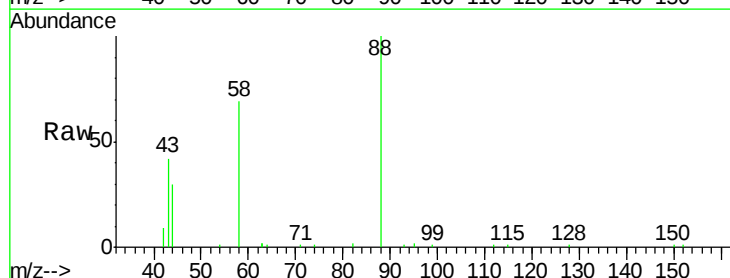
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



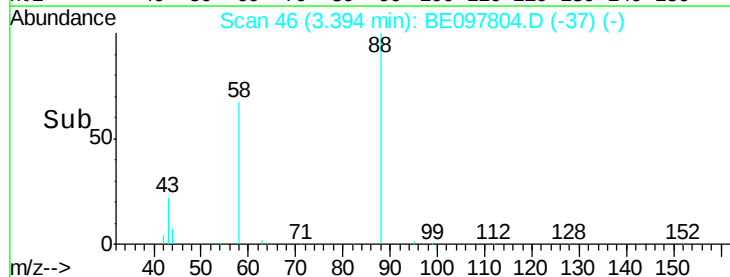
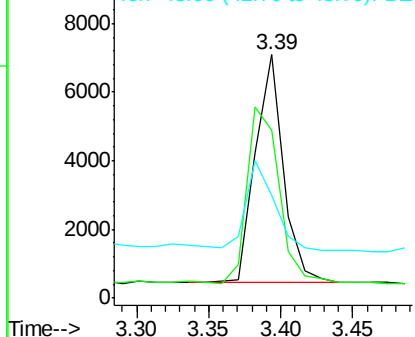
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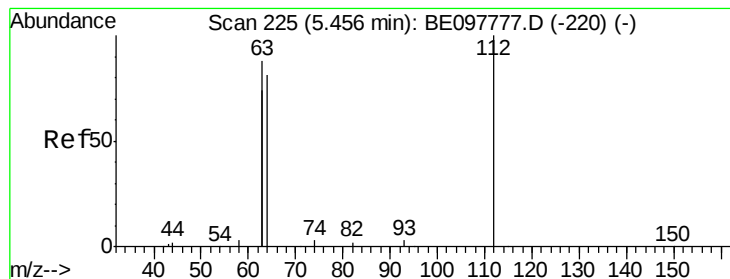
1,4-Dioxane
Concen: 1.040 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097804.D
Acq: 8 Oct 2018 21:49

Tgt Ion: 88 Resp: 8946
Ion Ratio Lower Upper
88 100
58 86.8 70.8 106.2
43 40.2 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: 0.047 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097804.D

Acq: 8 Oct 2018 21:49

Instrument :

BNA_E

ClientSampleId :

TT-DUP01-20180928DL

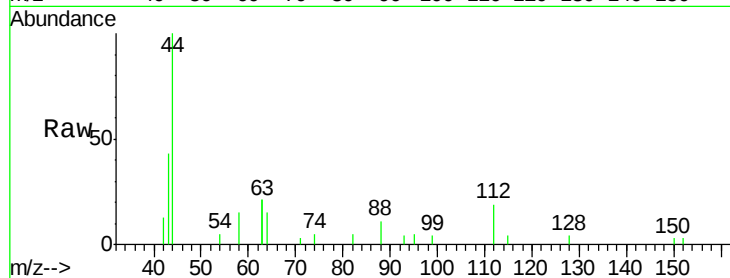
Tgt Ion: 112 Resp: 477

Ion Ratio Lower Upper

112 100

64 75.7 56.6 84.8

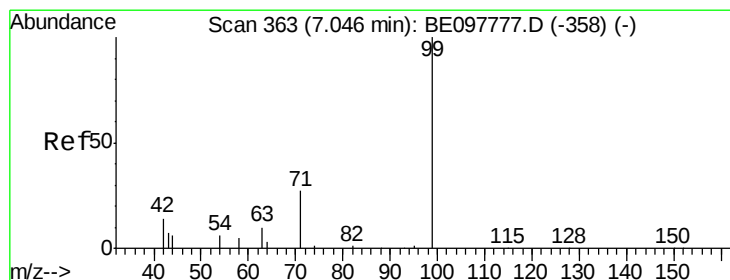
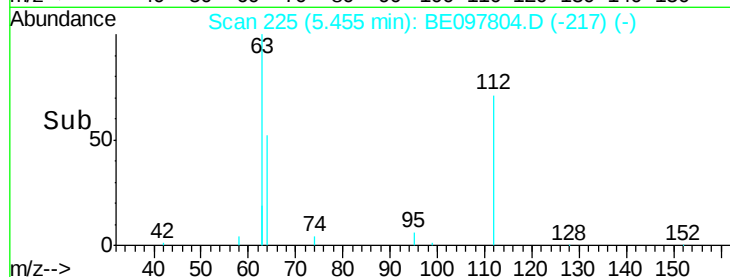
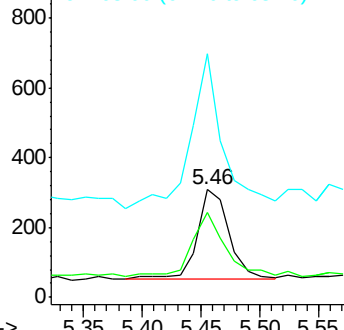
63 176.1 119.4 179.0



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: 0.021 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097804.D

Acq: 8 Oct 2018 21:49

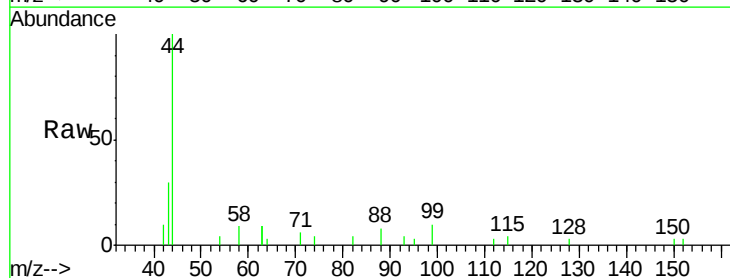
Tgt Ion: 99 Resp: 330

Ion Ratio Lower Upper

99 100

42 51.8 19.9 29.9#

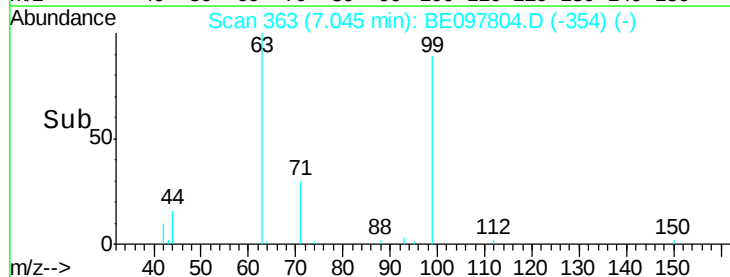
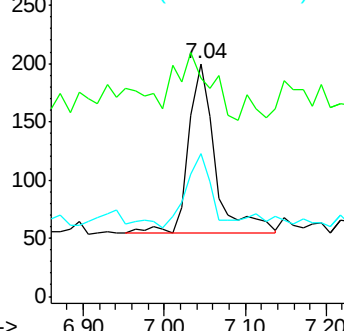
71 40.6 25.4 38.2#

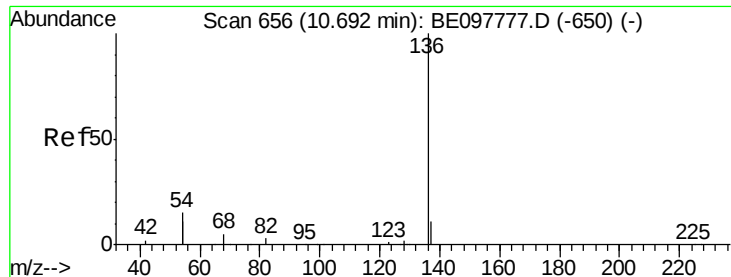


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097804.D

Acq: 8 Oct 2018 21:49

Instrument :

BNA_E

ClientSampleId :

TT-DUP01-20180928DL

Tgt Ion:136 Resp: 17508

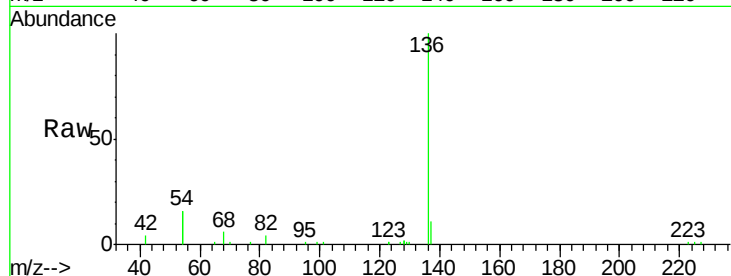
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 32.4 37.8 56.6#

68 5.7 6.4 9.6#

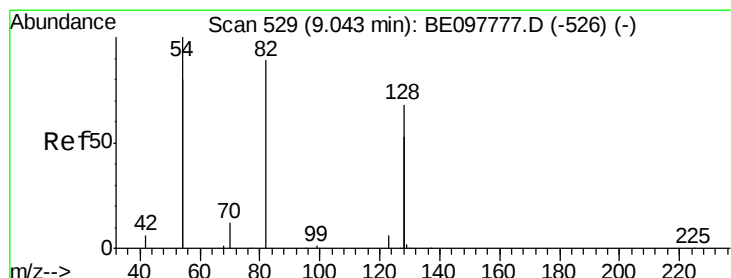
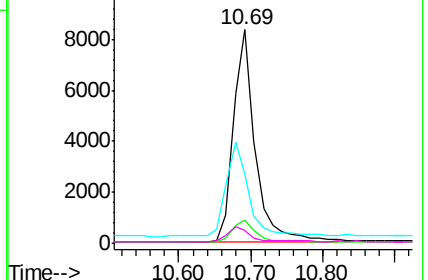
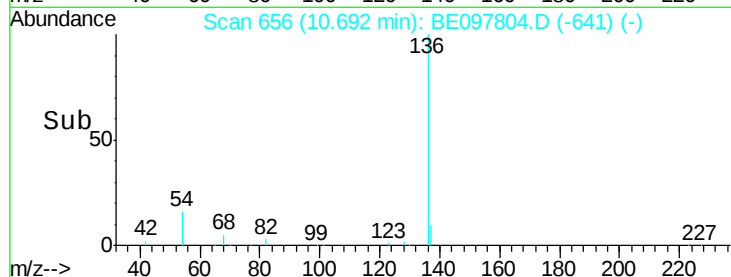


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.155 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097804.D

Acq: 8 Oct 2018 21:49

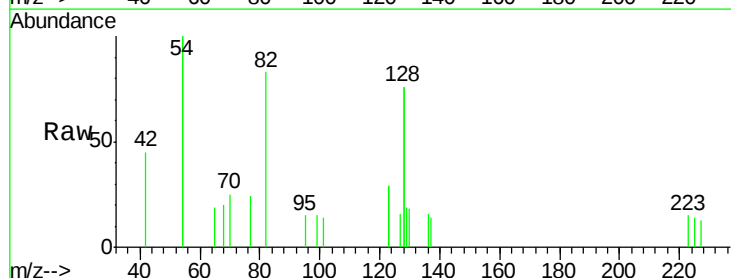
Tgt Ion: 82 Resp: 880

Ion Ratio Lower Upper

82 100

128 182.4 97.0 145.4#

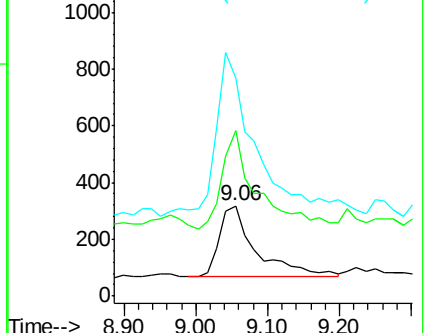
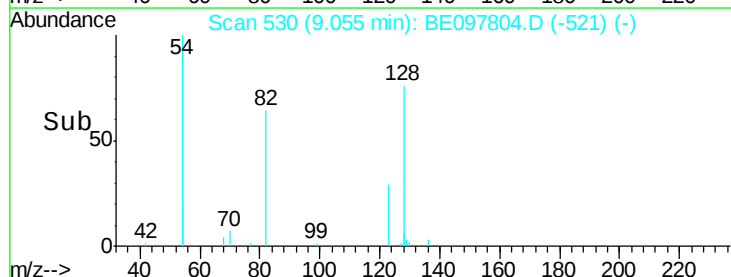
54 240.1 206.9 310.3

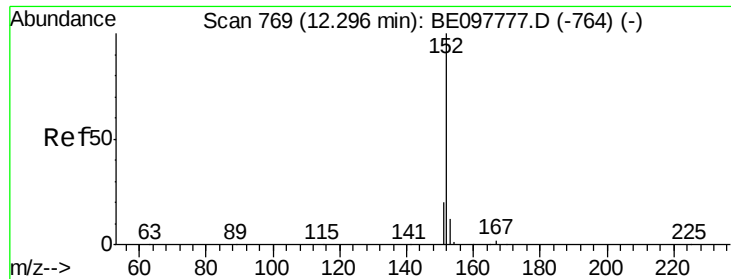


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

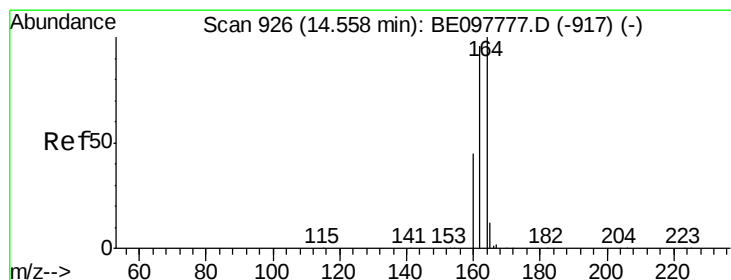
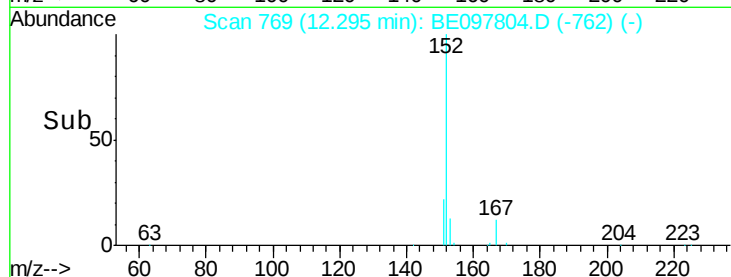
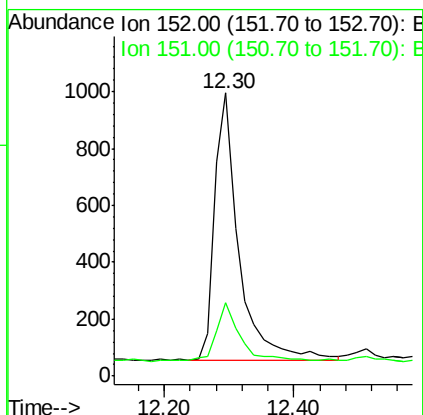
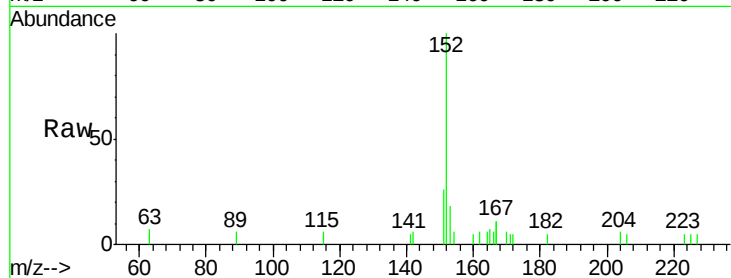




#11
 2-Methylnaphthalene-d10
 Concen: 0.087 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097804.D
 Acq: 8 Oct 2018 21:49

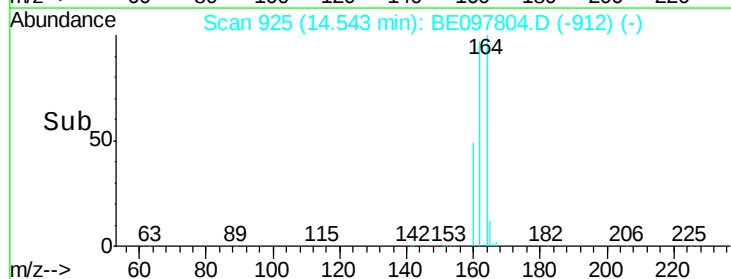
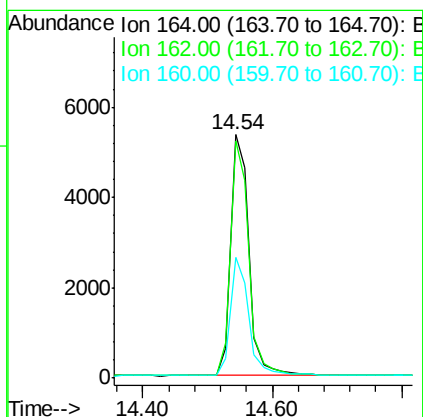
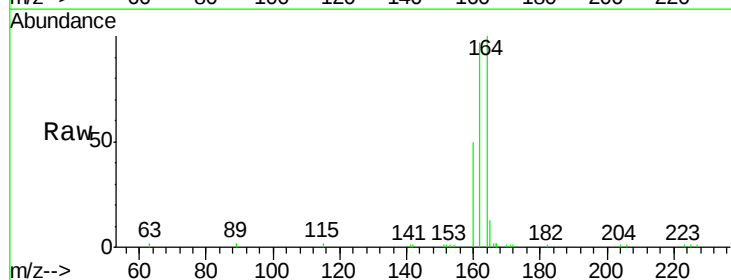
Instrument :
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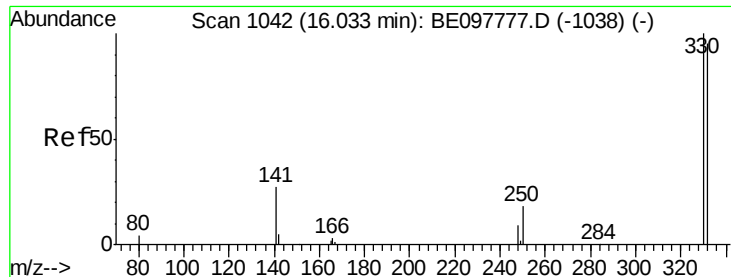
Tgt Ion:152 Resp: 2422
 Ion Ratio Lower Upper
 152 100
 151 20.8 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BE097804.D
 Acq: 8 Oct 2018 21:49

Tgt Ion:164 Resp: 10437
 Ion Ratio Lower Upper
 164 100
 162 97.3 78.6 117.8
 160 49.7 37.8 56.6

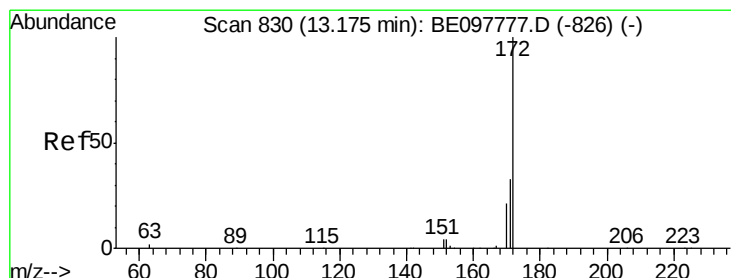
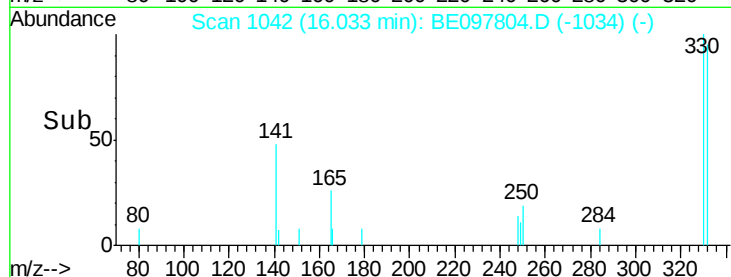
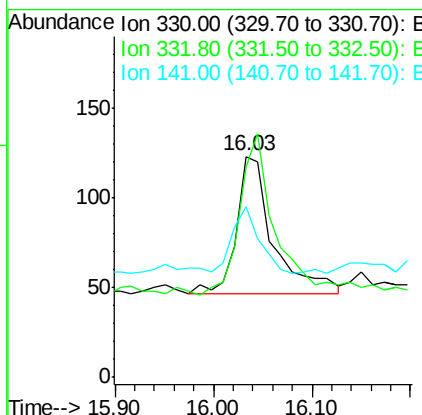
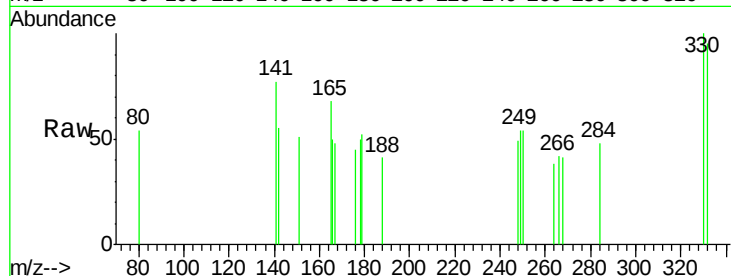




#14
 2,4,6-Tribromophenol
 Concen: 0.104 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097804.D
 Acq: 8 Oct 2018 21:49

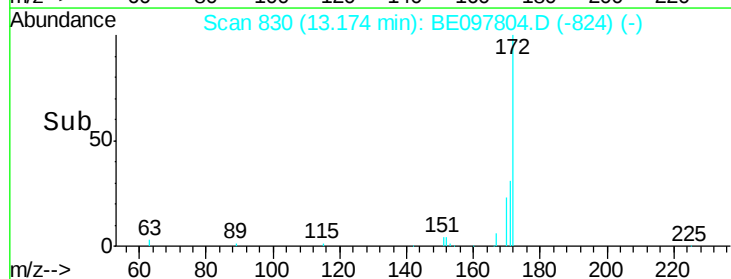
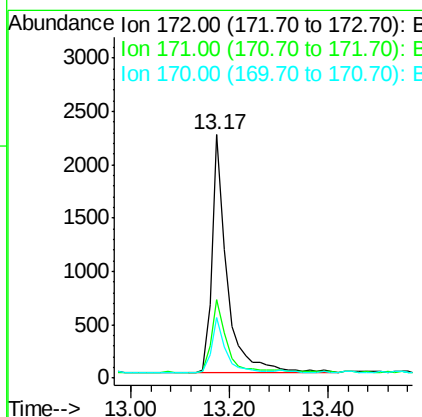
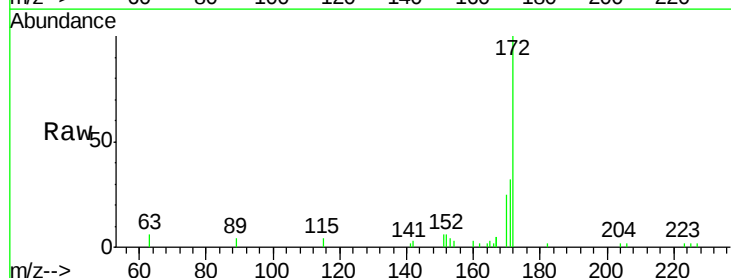
Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP01-20180928DL

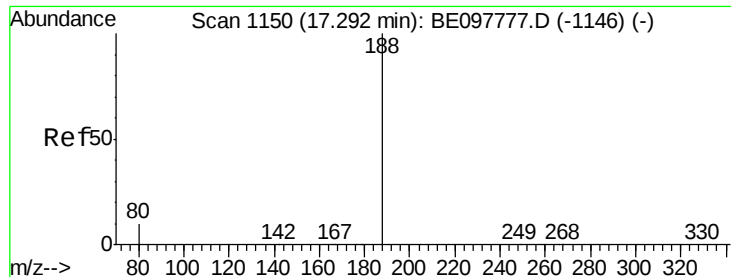
Tgt Ion:330 Resp: 196
 Ion Ratio Lower Upper
 330 100
 332 123.5 83.5 125.3
 141 36.2 34.9 52.3



#15
 2-Fluorobiphenyl
 Concen: 0.101 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097804.D
 Acq: 8 Oct 2018 21:49

Tgt Ion:172 Resp: 4652
 Ion Ratio Lower Upper
 172 100
 171 32.2 25.2 37.8
 170 24.7 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: BE097804.D

Acq: 8 Oct 2018 21:49

Instrument :

BNA_E

ClientSampleId :

TT-DUP01-20180928DL

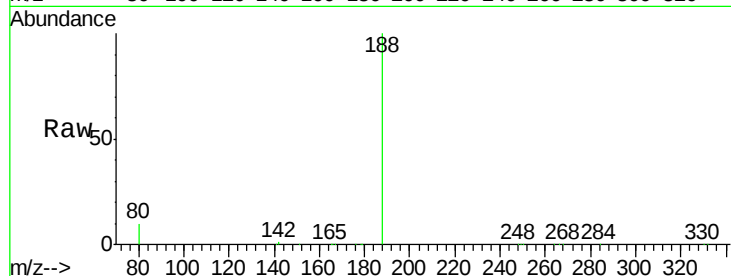
Tgt Ion:188 Resp: 29606

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

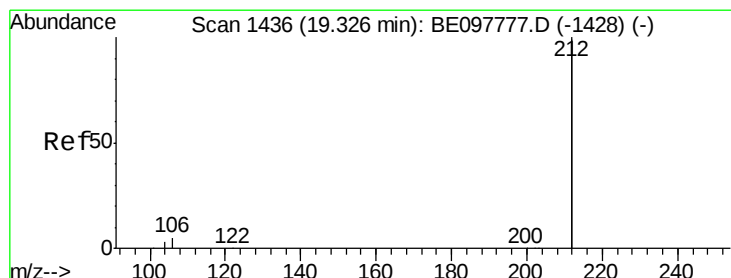
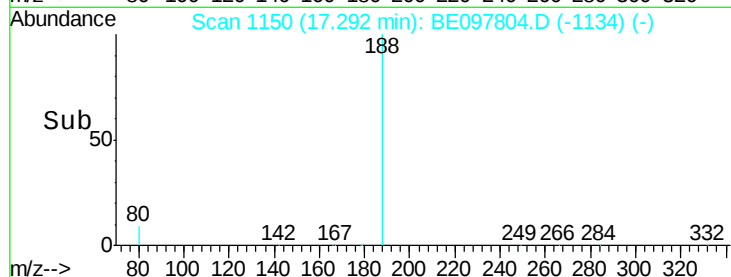
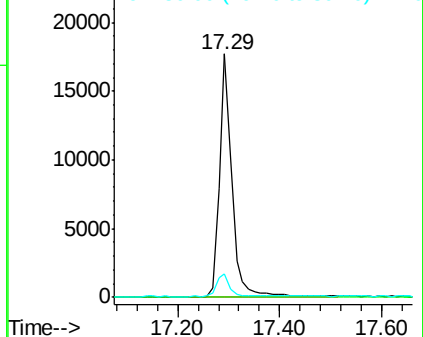
80 9.8 6.6 9.8



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: 0.087 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097804.D

Acq: 8 Oct 2018 21:49

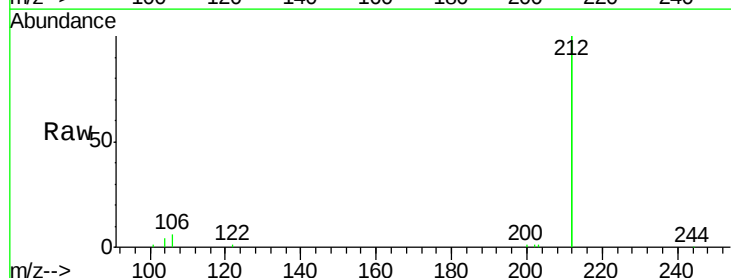
Tgt Ion:212 Resp: 32748

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

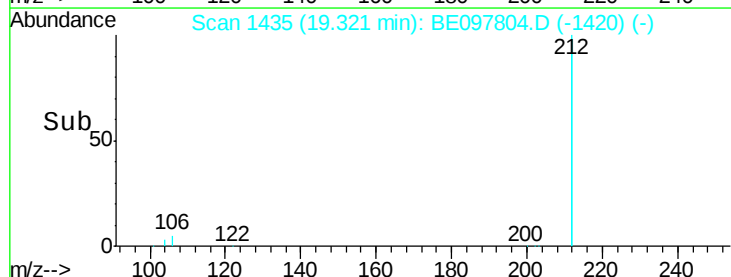
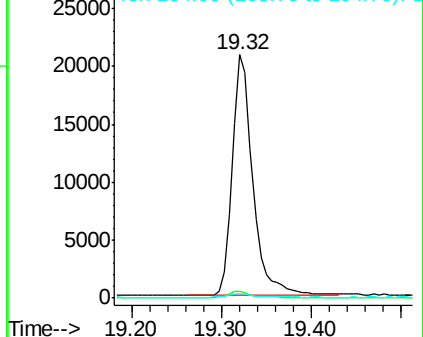
104 1.6 1.2 1.8

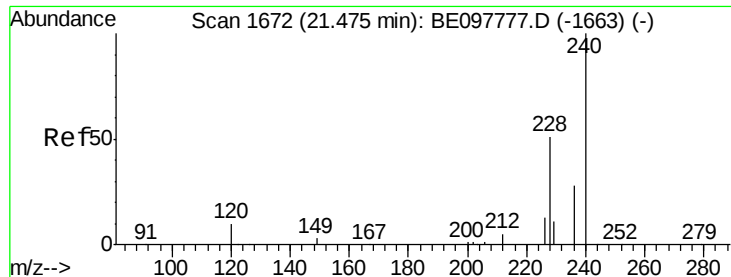


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097804.D

Acq: 8 Oct 2018 21:49

Instrument :

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TT-DUP01-20180928DL

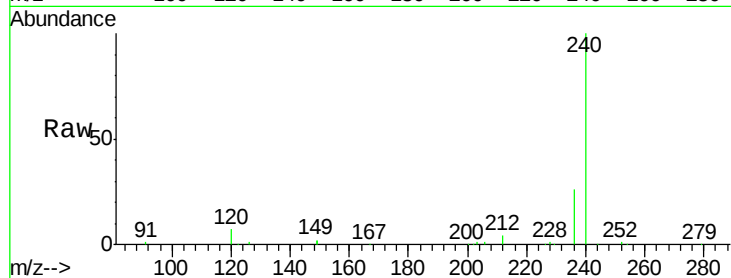
Tgt Ion:240 Resp: 32420

Ion Ratio Lower Upper

240 100

120 7.1 4.7 7.1#

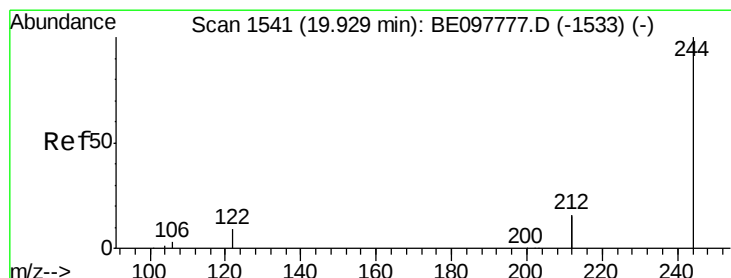
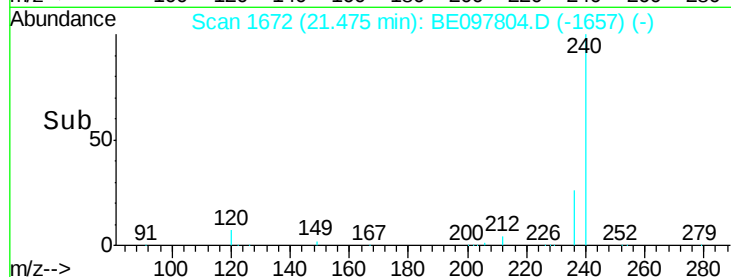
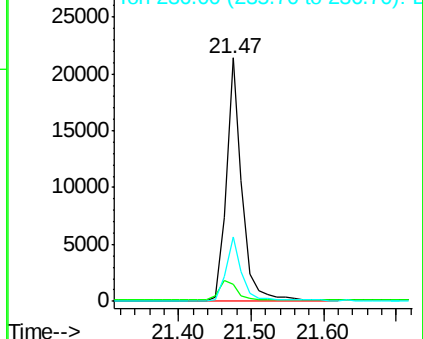
236 26.2 20.8 31.2



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: 0.138 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097804.D

Acq: 8 Oct 2018 21:49

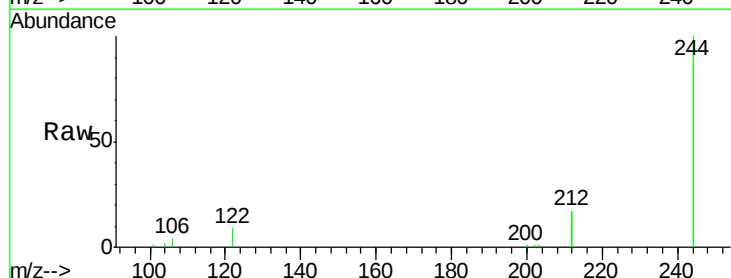
Tgt Ion:244 Resp: 9165

Ion Ratio Lower Upper

244 100

212 34.1 25.8 38.8

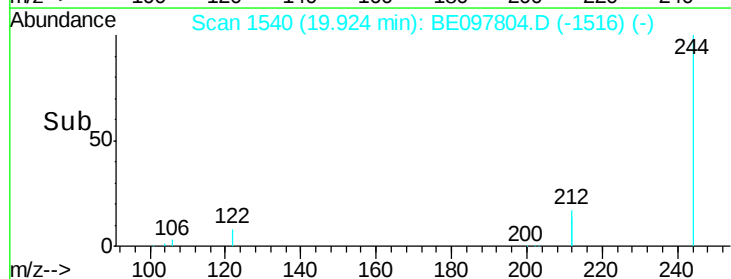
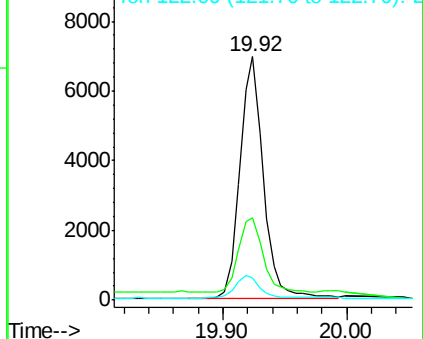
122 8.9 8.7 13.1

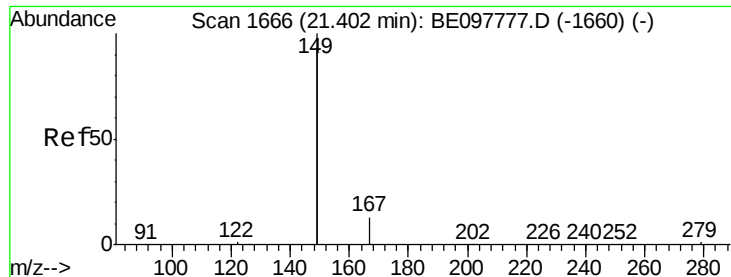


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

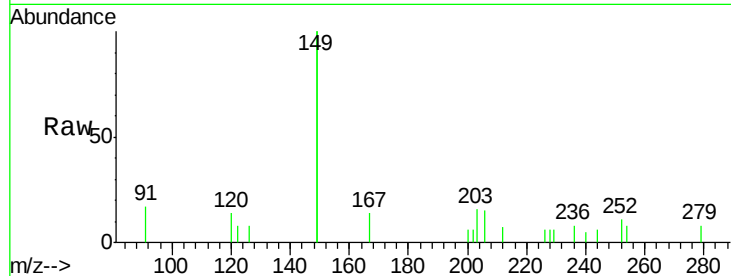




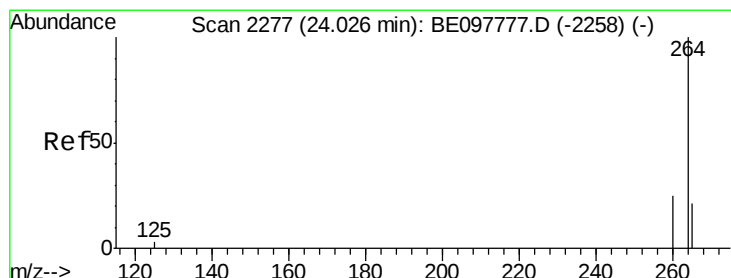
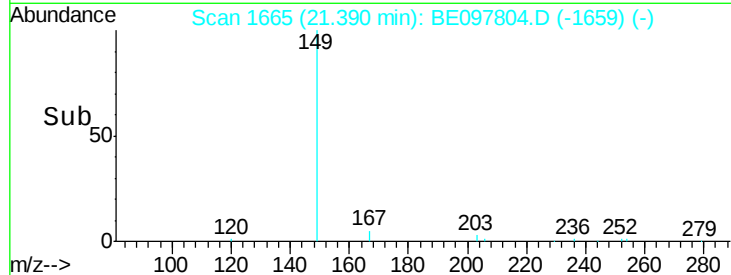
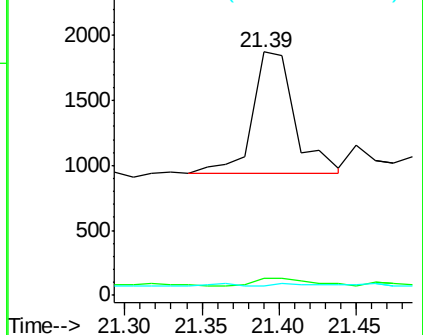
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.028 ng
 RT: 21.39 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BE097804.D
 Acq: 8 Oct 2018 21:49

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP01-20180928DL

Tgt Ion:149 Resp: 1755
 Ion Ratio Lower Upper
 149 100
 167 8.4 5.5 8.3#
 279 1.9 0.9 1.3#

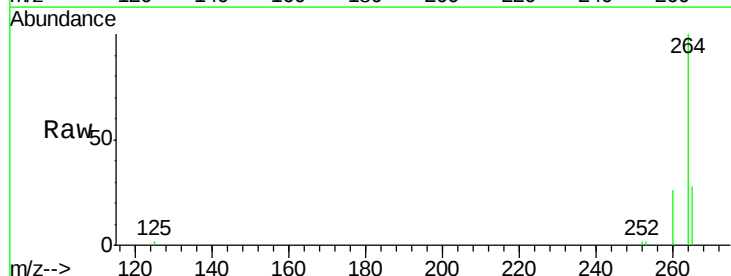


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE097804.D
 Acq: 8 Oct 2018 21:49

Tgt Ion:264 Resp: 29991
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.1 28.7
 265 27.8 21.9 32.9



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

