

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097773.D
 Acq On : 6 Oct 2018 3:01
 Operator : SJ/JU
 Sample : J5284-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP02-20181003

Quant Time: Oct 06 04:21:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

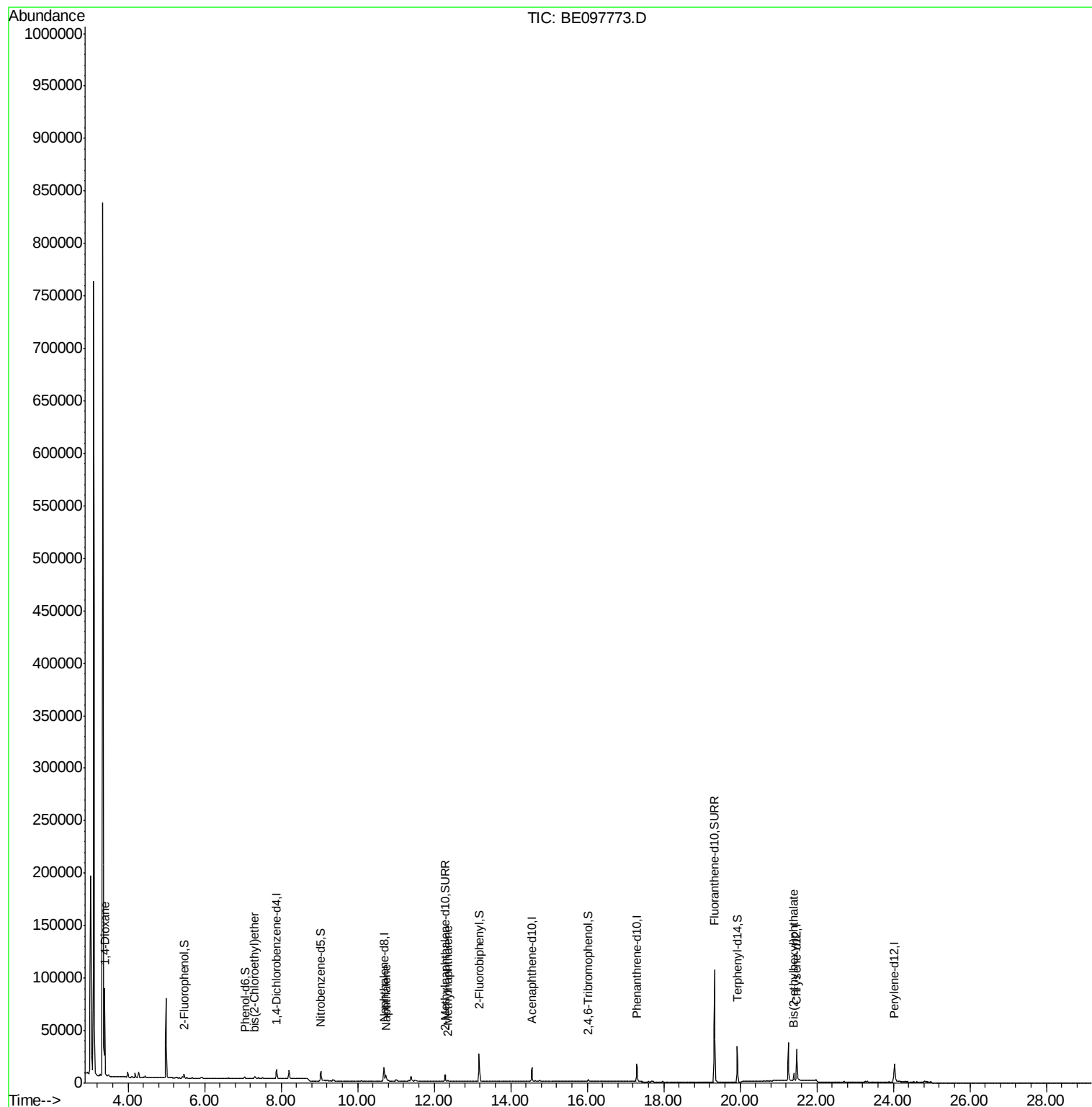
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3958	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15402	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8904	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	25662	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	32268	0.40	ng	-0.01
34) Perylene-d12	24.03	264	28990	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1840	0.20	ng	0.00
5) Phenol-d6	7.05	99	1384	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	4132	0.83	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	10317	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	892	0.55	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	24568	0.63	ng	-0.01
25) Fluoranthene-d10	19.33	212	143797	0.44	ng	0.00
29) Terphenyl-d14	19.93	244	30887	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	46936	5.951	ng	97
6) bis(2-Chloroethyl)ether	7.31	93	516	0.035	ng	89
9) Naphthalene	10.74	128	10046	0.065	ng	# 97
12) 2-Methylnaphthalene	12.37	142	711	0.029	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.40	149	7617	0.120	ng	99

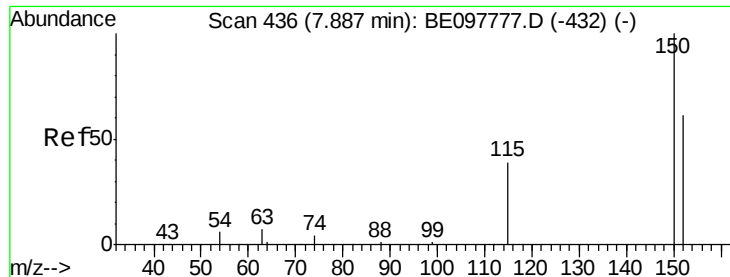
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

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ClientSampleId :

TT-DUP02-20181003

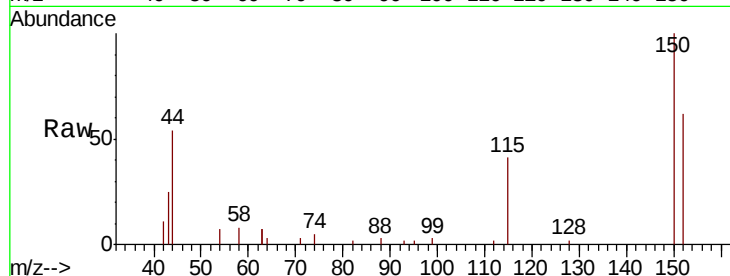
Tot Ion:152 Resp: 3958

Ion Ratio Lower Upper

152 100

150 161.1 120.9 181.3

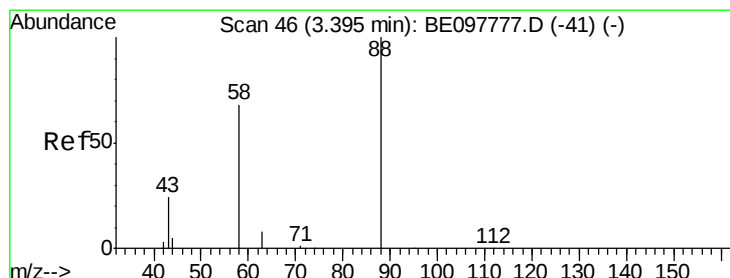
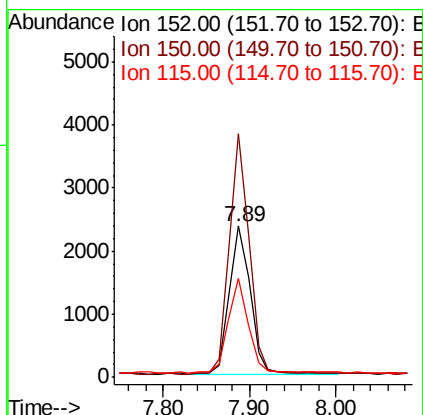
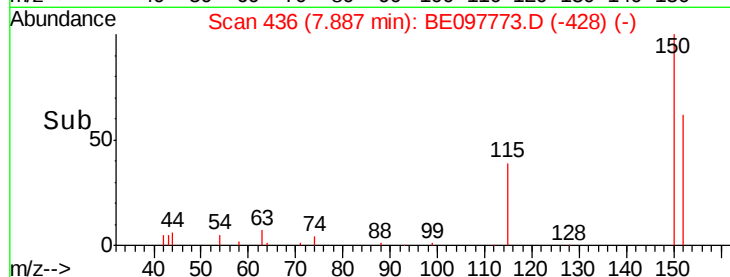
115 65.4 46.6 69.8



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: 5.951 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

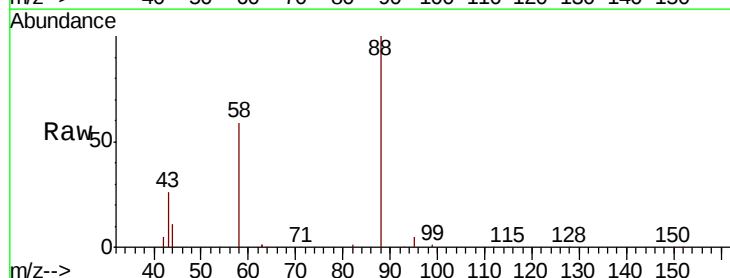
Tgt Ion: 88 Resp: 46936

Ion Ratio Lower Upper

88 100

58 86.8 70.8 106.2

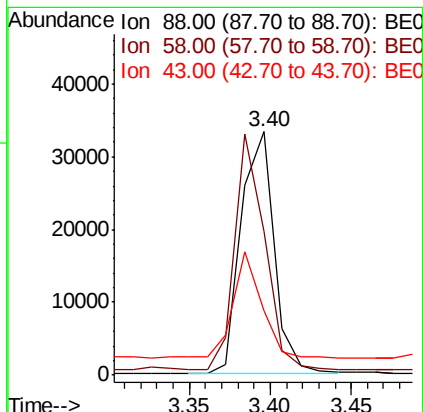
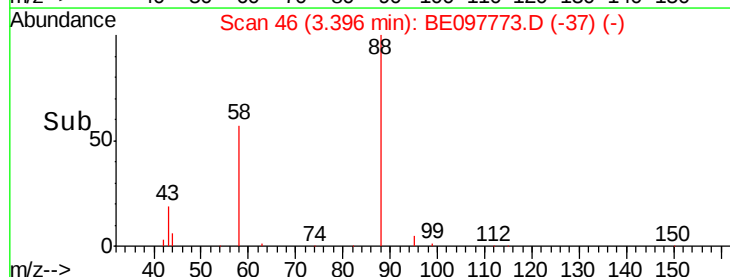
43 39.1 33.3 49.9

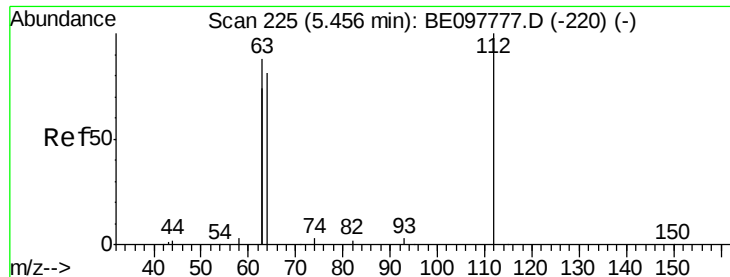


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.197 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

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TT-DUP02-20181003

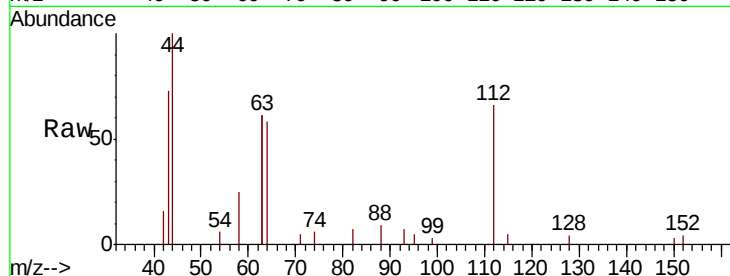
Tot Ion: 112 Resp: 1840

Ion Ratio Lower Upper

112 100

64 69.2 56.6 84.8

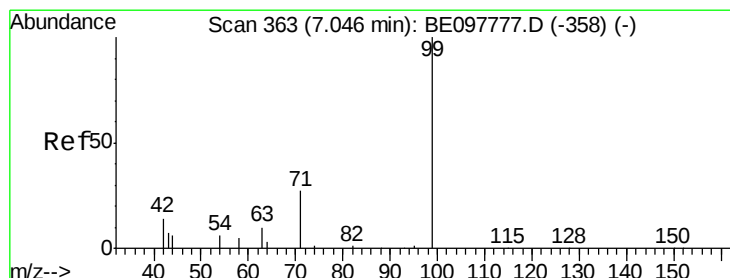
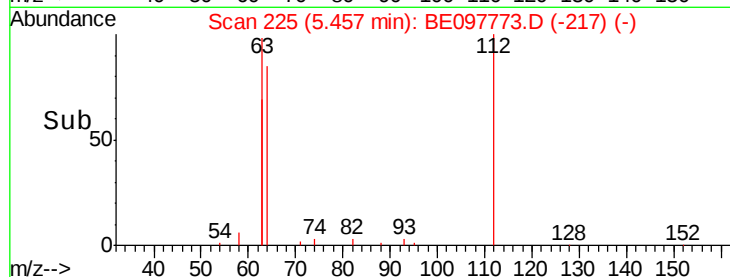
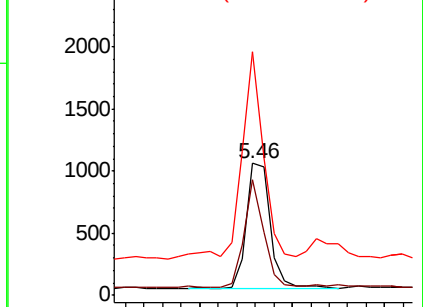
63 137.3 119.4 179.0



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: 0.096 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

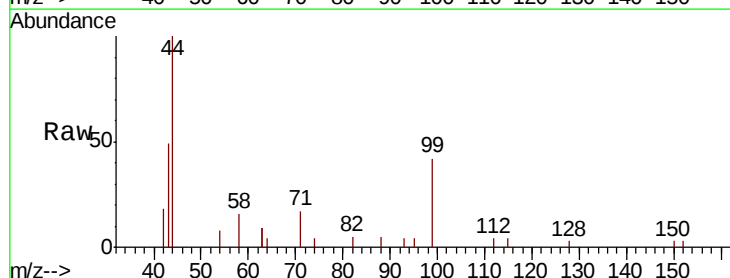
Tgt Ion: 99 Resp: 1384

Ion Ratio Lower Upper

99 100

42 31.4 19.9 29.9#

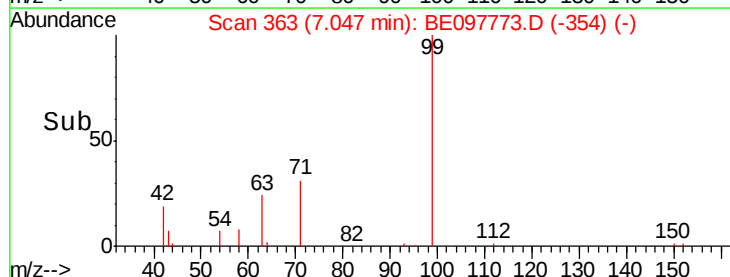
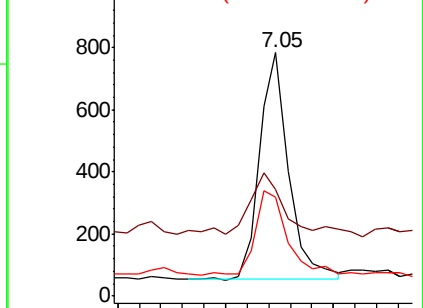
71 40.7 25.4 38.2#

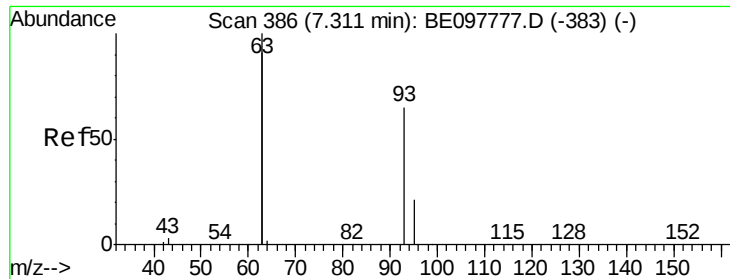


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.035 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

BNA_E

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TT-DUP02-20181003

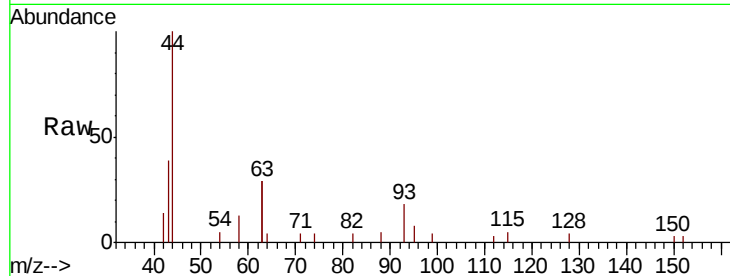
Tot Ion: 93 Resp: 516

Ion Ratio Lower Upper

93 100

63 357.0 266.9 400.3

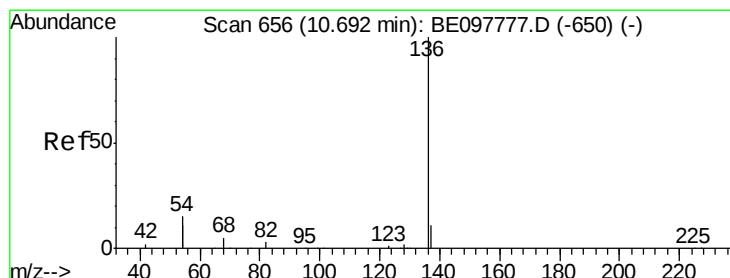
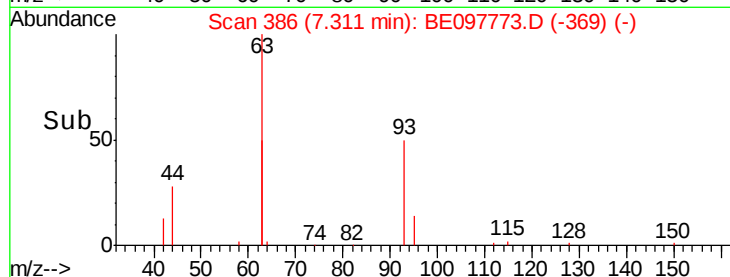
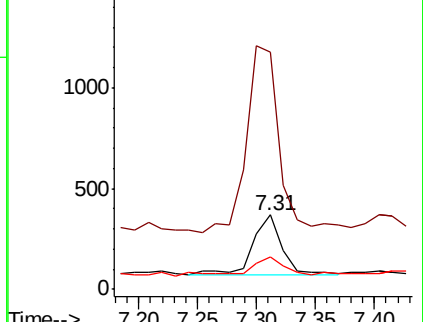
95 26.9 26.2 39.2



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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Tgt Ion: 136 Resp: 15402

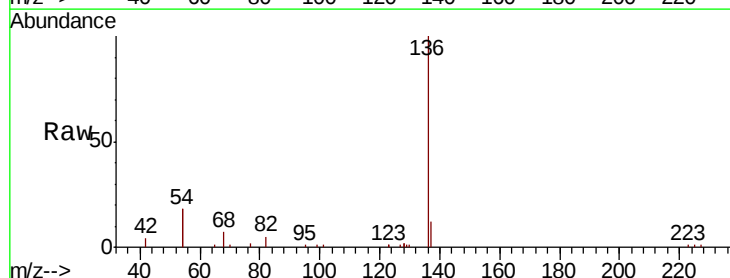
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 35.1 37.8 56.6#

68 6.7 6.4 9.6

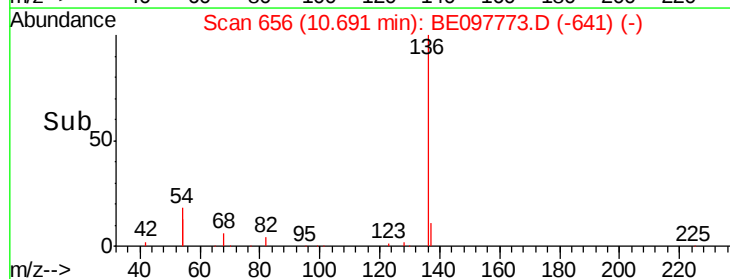
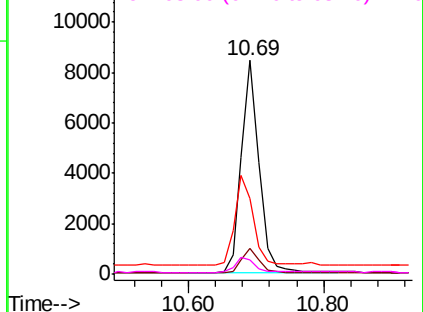


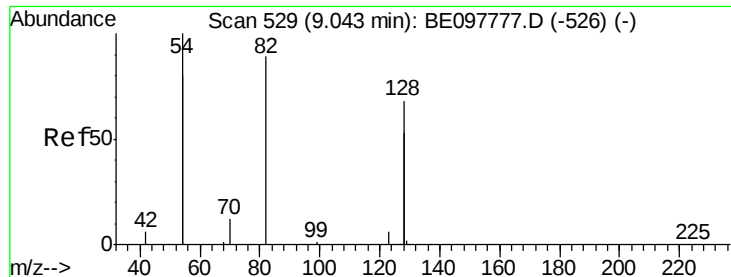
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.826 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003

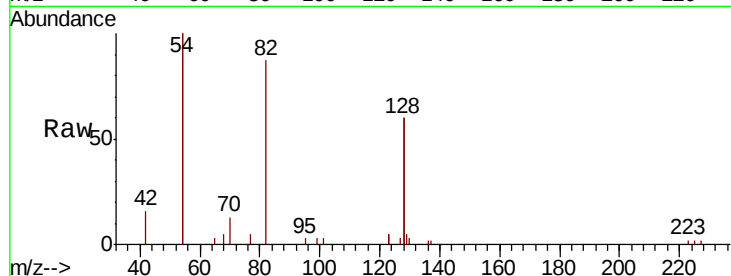
Tot Ion: 82 Resp: 4132

Ion Ratio Lower Upper

82 100

128 138.8 97.0 145.4

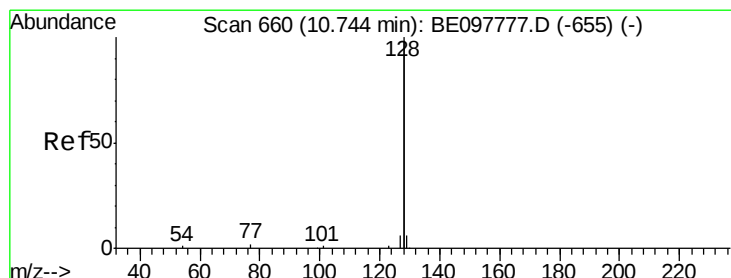
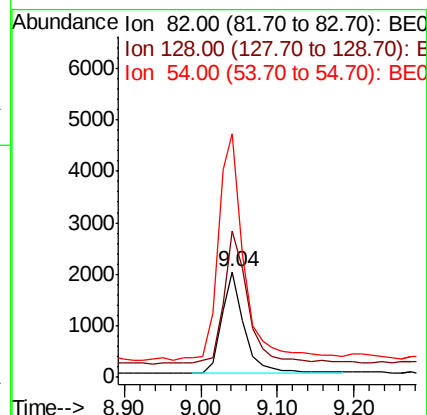
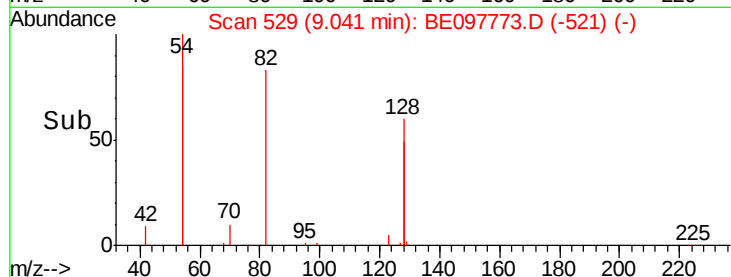
54 230.8 206.9 310.3



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



#9

Naphthalene

Concen: 0.065 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

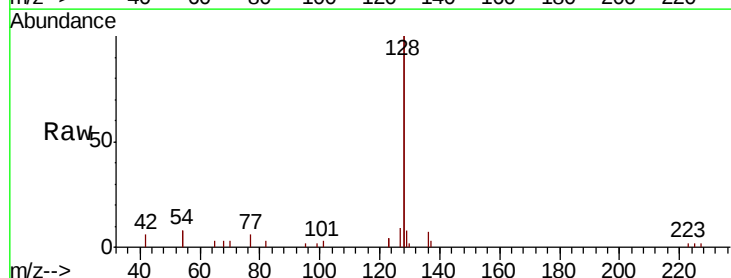
Tgt Ion: 128 Resp: 10046

Ion Ratio Lower Upper

128 100

129 3.8 2.2 3.2#

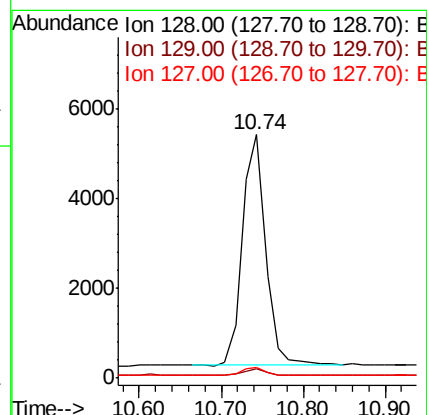
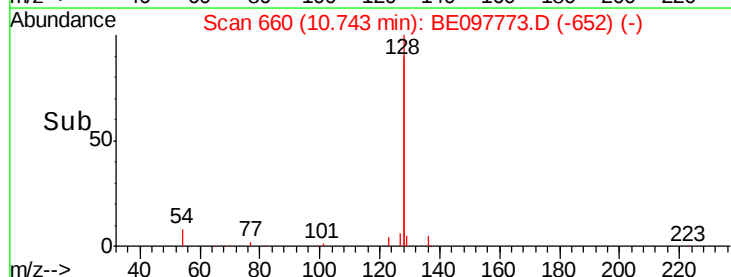
127 4.3 2.7 4.1#

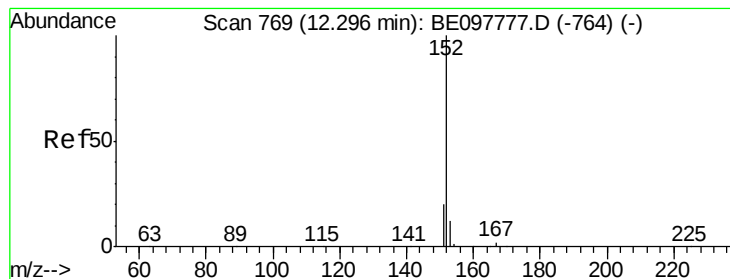


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

BNA_E

ClientSampleId :

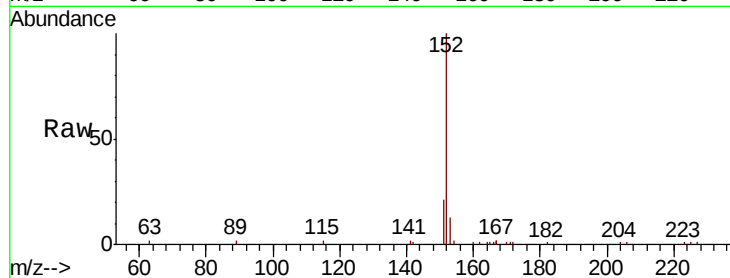
TT-DUP02-20181003

Tot Ion:152 Resp: 10317

Ion Ratio Lower Upper

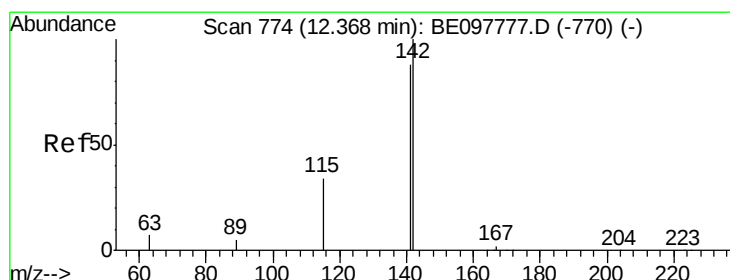
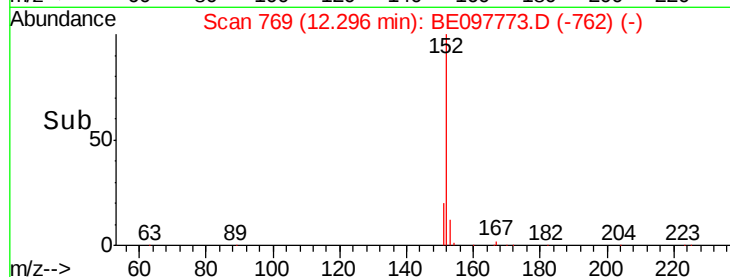
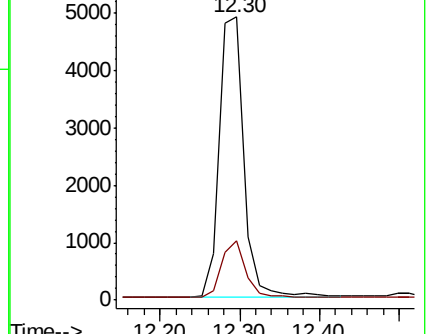
152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.029 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

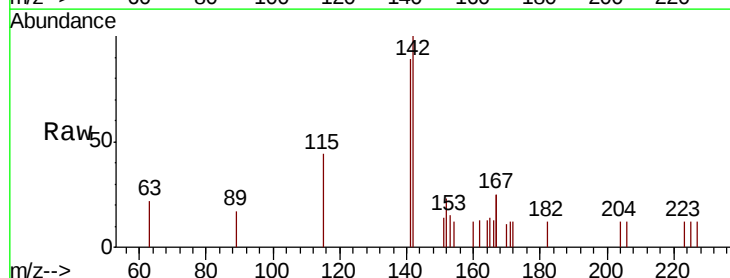
Tgt Ion:142 Resp: 711

Ion Ratio Lower Upper

142 100

141 89.3 69.4 104.2

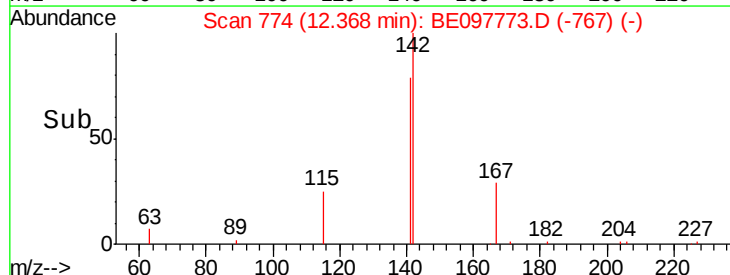
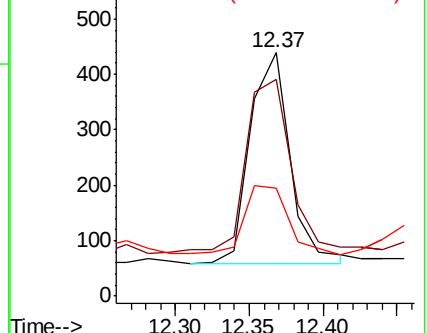
115 44.4 28.0 42.0#

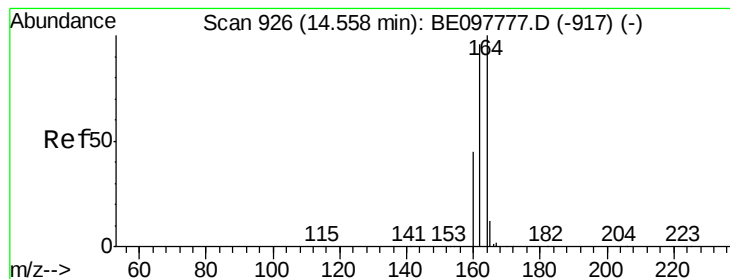


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003

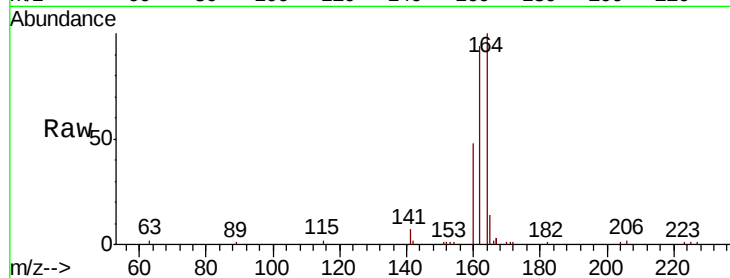
Tot Ion:164 Resp: 8904

Ion Ratio Lower Upper

164 100

162 94.4 78.6 117.8

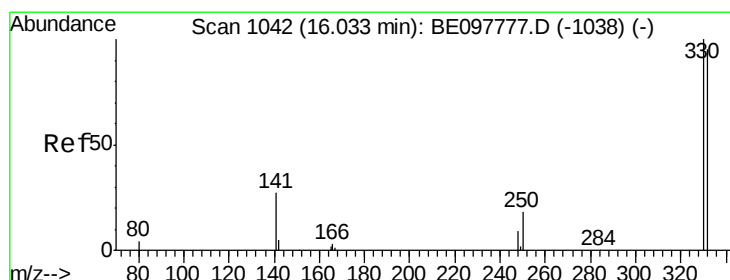
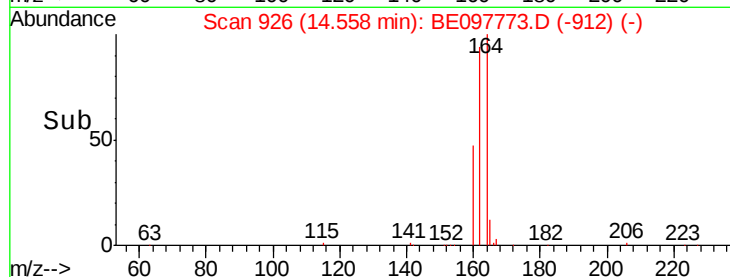
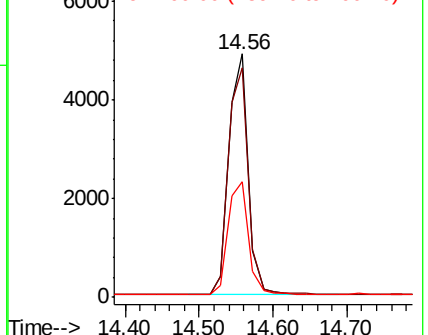
160 47.7 37.8 56.6



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

2,4,6-Tribromophenol

Concen: 0.553 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

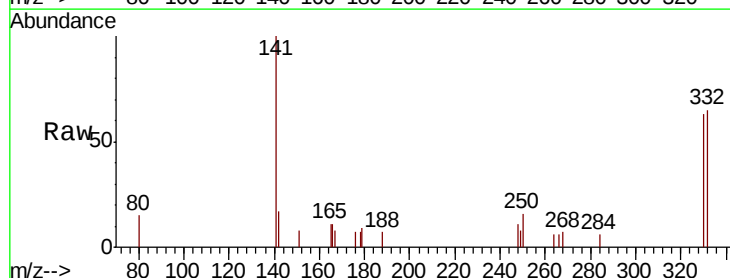
Tgt Ion:330 Resp: 892

Ion Ratio Lower Upper

330 100

332 101.1 83.5 125.3

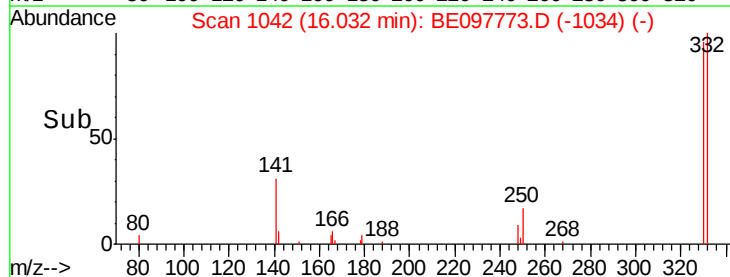
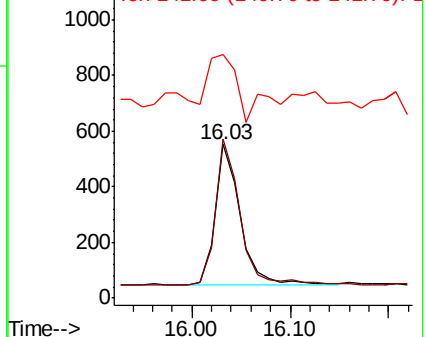
141 52.2 34.9 52.3

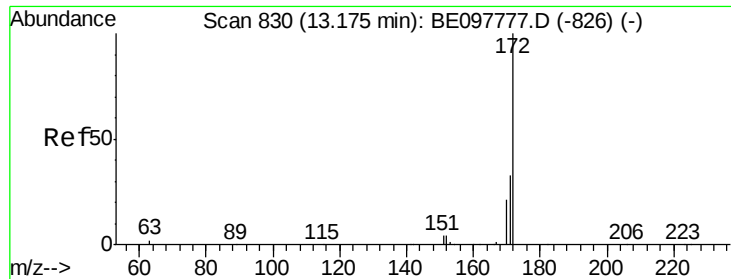


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

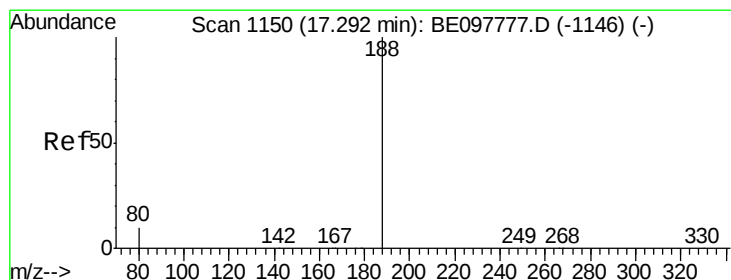
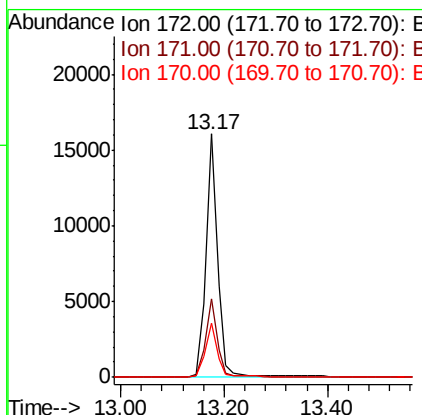
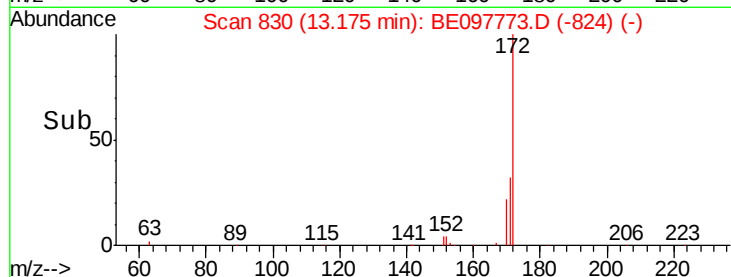
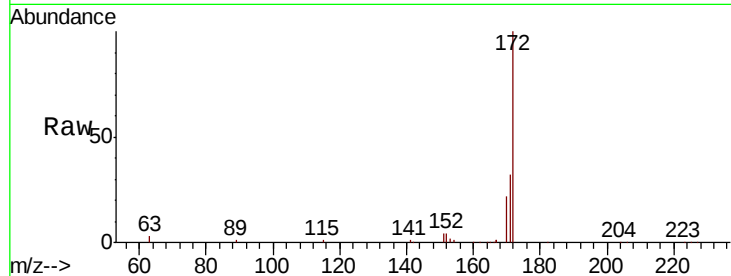




#15
2-Fluorobiphenyl
Concen: 0.627 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097773.D
Acq: 6 Oct 2018 3:01

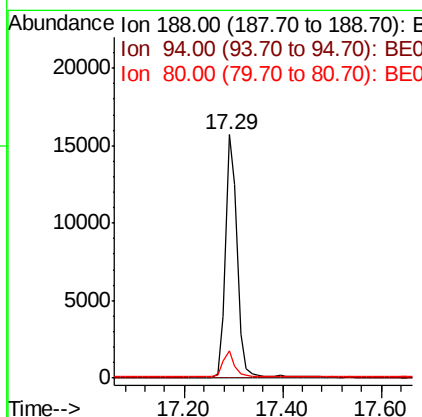
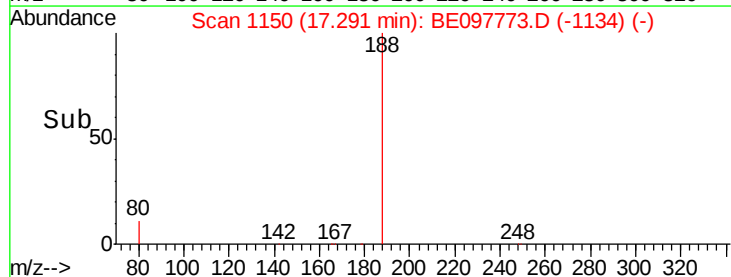
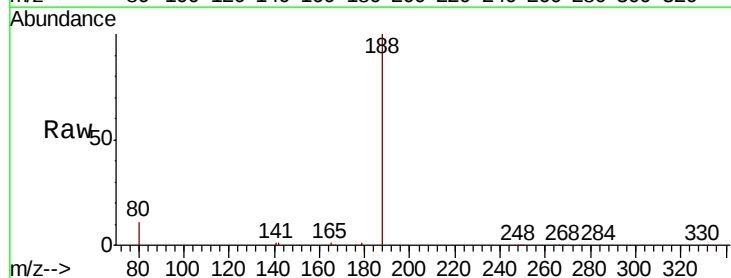
Instrument :
BNA_E
ClientSampleId :
TT-DUP02-20181003

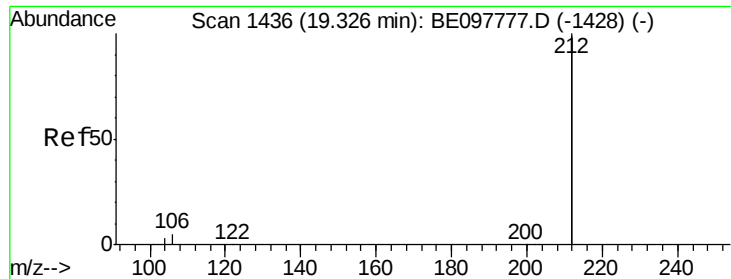
Tot Ion:172 Resp: 24568
Ion Ratio Lower Upper
172 100
171 32.2 25.2 37.8
170 22.2 16.2 24.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097773.D
Acq: 6 Oct 2018 3:01

Tgt Ion:188 Resp: 25662
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 6.6 9.8#





#25

Fluoranthene-d10

Concen: 0.443 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003

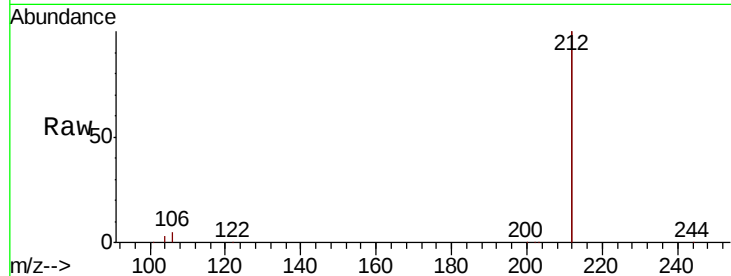
Tot Ion:212 Resp: 143797

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

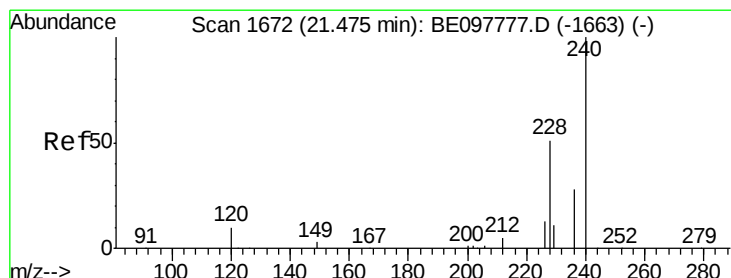
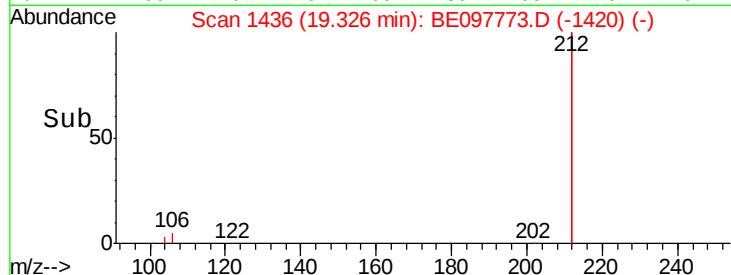
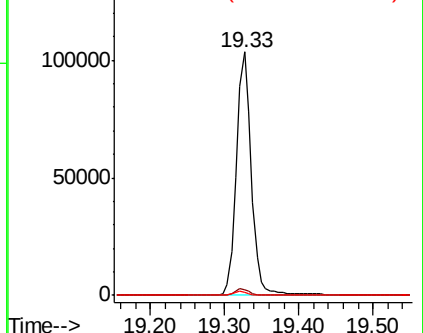
104 1.5 1.2 1.8



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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

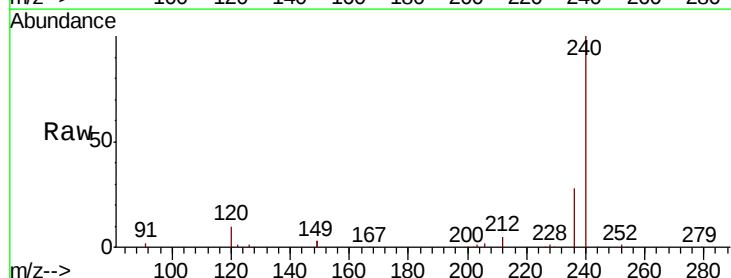
Tgt Ion:240 Resp: 32268

Ion Ratio Lower Upper

240 100

120 10.1 4.7 7.1#

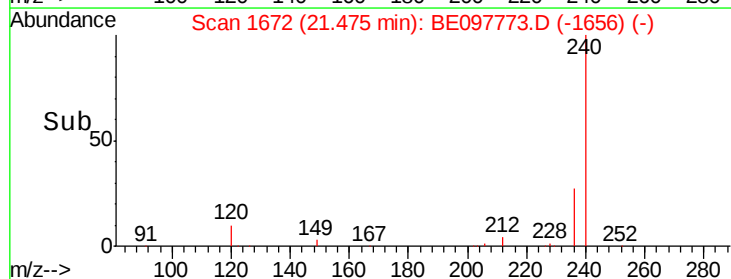
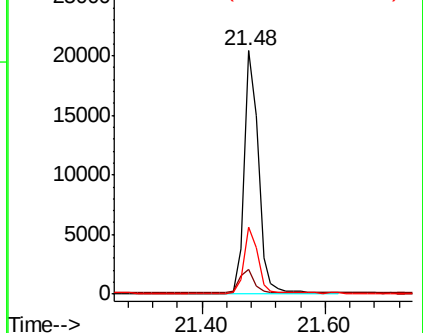
236 27.8 20.8 31.2

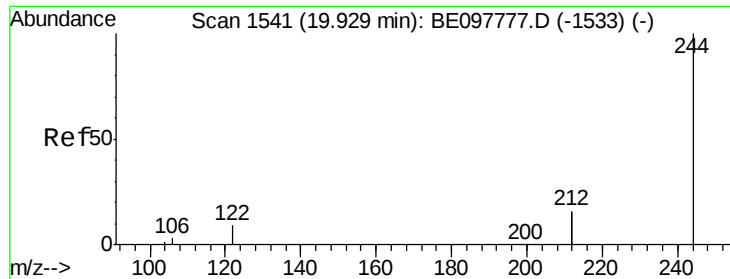


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.469 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003

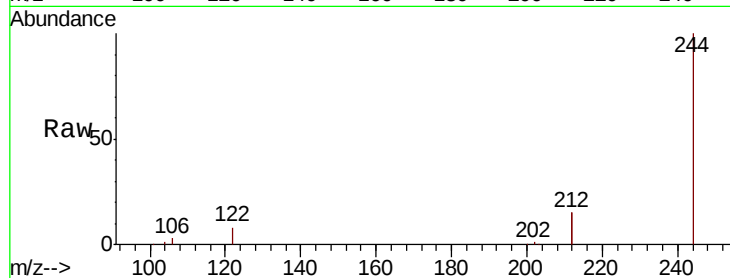
Tot Ion:244 Resp: 30887

Ion Ratio Lower Upper

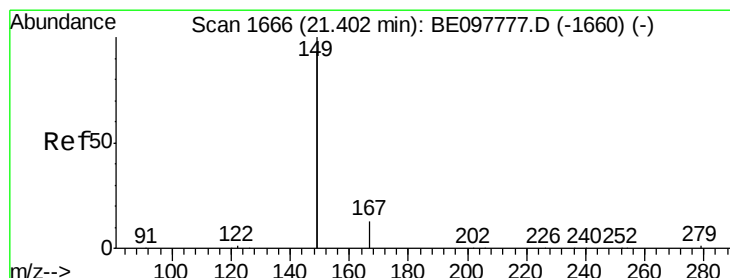
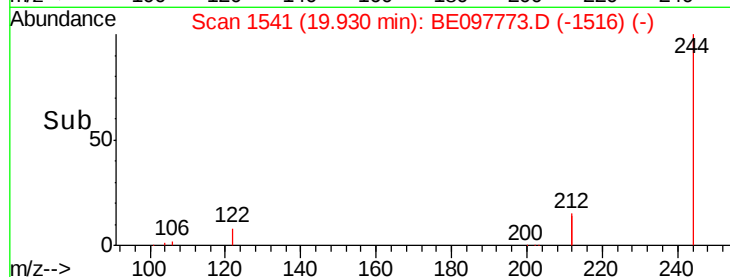
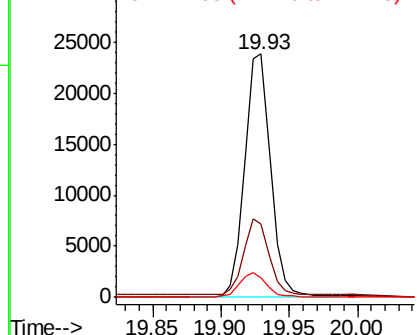
244 100

212 30.1 25.8 38.8

122 8.2 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: 0.120 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

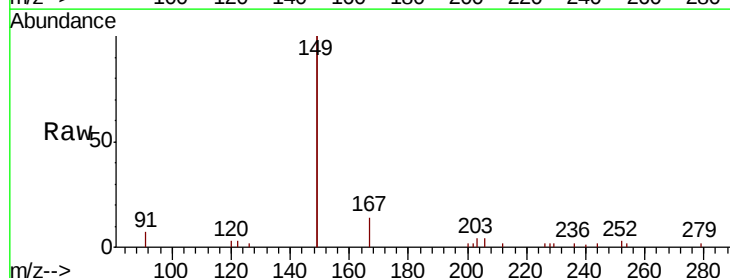
Tgt Ion:149 Resp: 7617

Ion Ratio Lower Upper

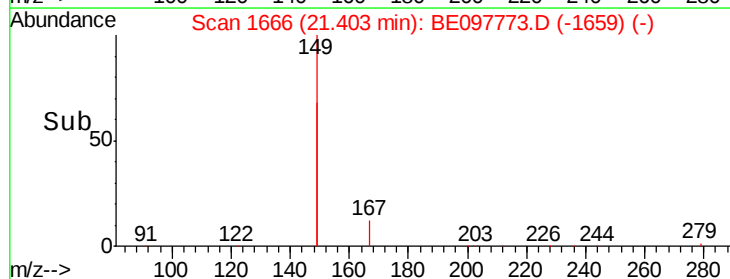
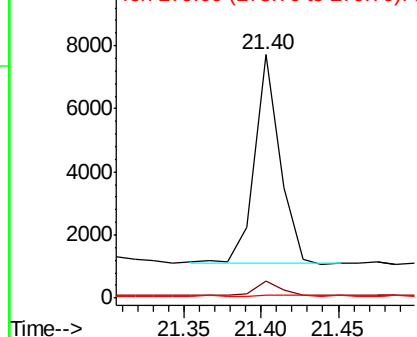
149 100

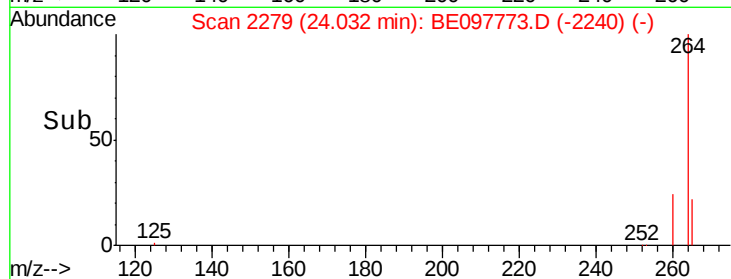
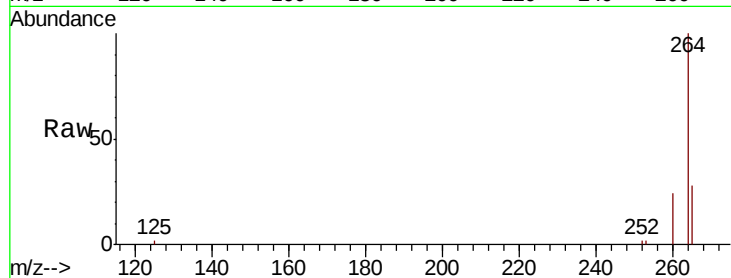
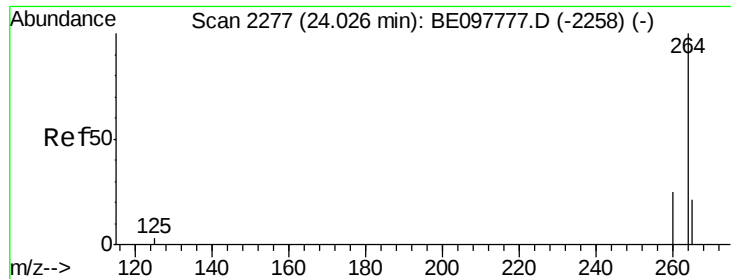
167 7.4 5.5 8.3

279 1.0 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

Pervlene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097773.D

Acq: 6 Oct 2018 3:01

Instrument :

BNA_E

ClientSampleId :

TT-DUP02-20181003

Tot Ion:264 Resp: 28990

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 27.8 21.9 32.9

