

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097750.D
 Acq On : 5 Oct 2018 11:50
 Operator : SJ/JU
 Sample : J5189-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT-DUP01-20180928

Quant Time: Oct 05 14:04:40 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

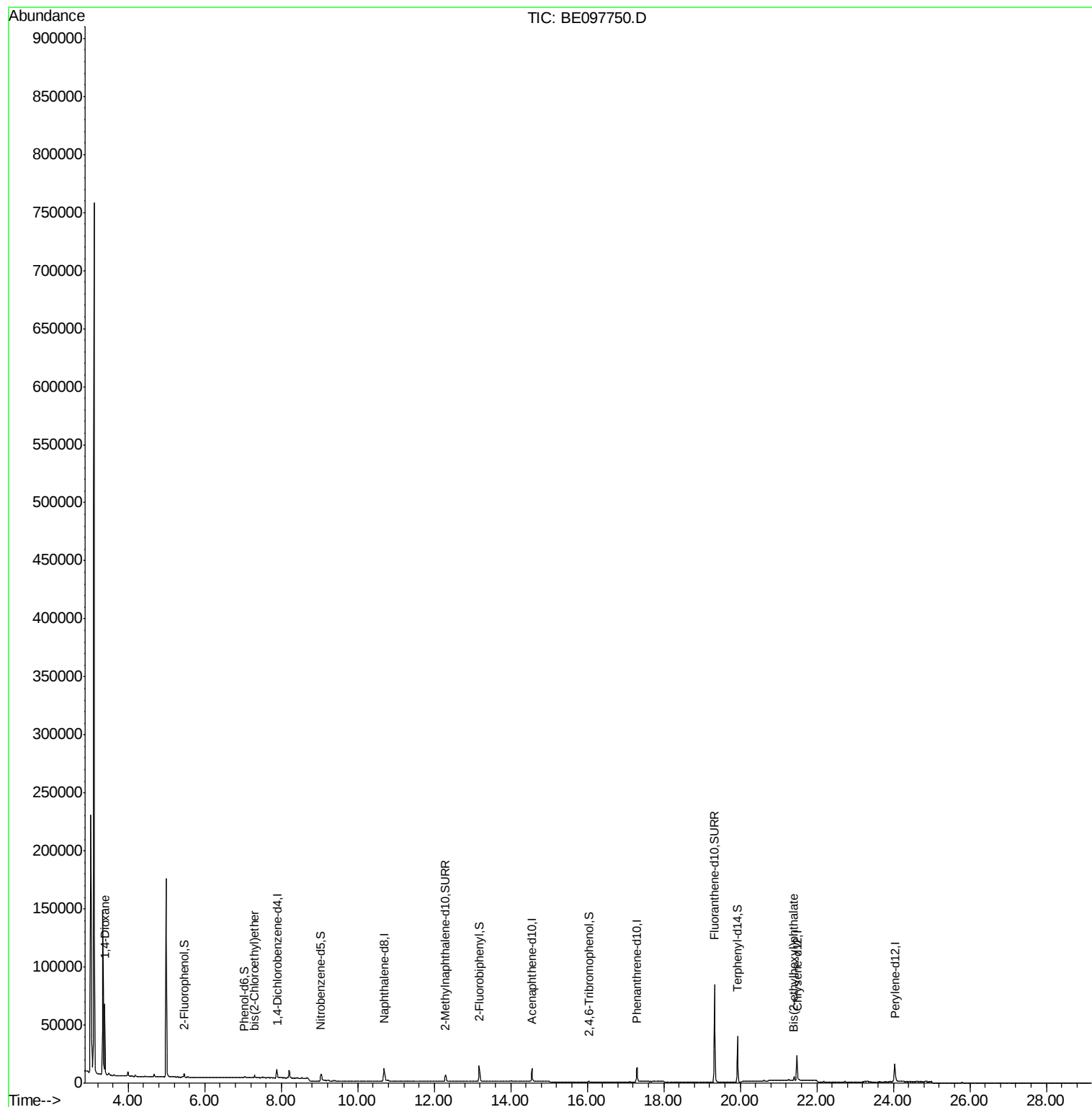
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3501	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	13477	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7234	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	20599	0.40	ng	0.00
27) Chrysene-d12	21.49	240	27090	0.40	ng	0.00
34) Perylene-d12	24.04	264	25187	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1519	0.18	ng	0.00
5) Phenol-d6	7.04	99	1260	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	2918	0.67	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8145	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	585	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	14801	0.46	ng	-0.01
25) Fluoranthene-d10	19.33	212	115891	0.44	ng	0.00
29) Terphenyl-d14	19.93	244	33535	0.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	33797	4.845	ng	97
6) bis(2-Chloroethyl)ether	7.31	93	868	0.066	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	4616	0.087	ng	99

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

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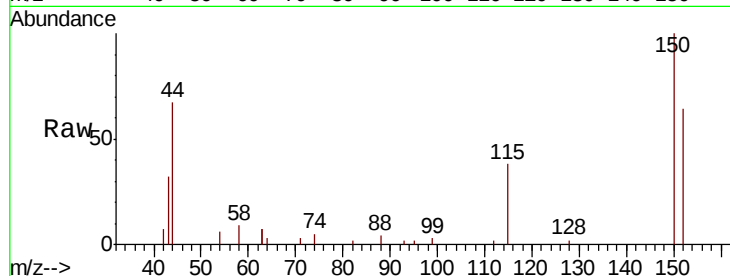


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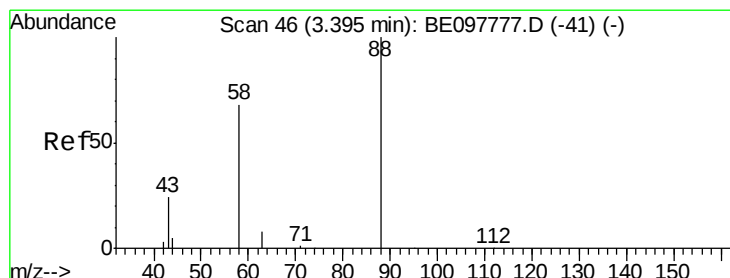
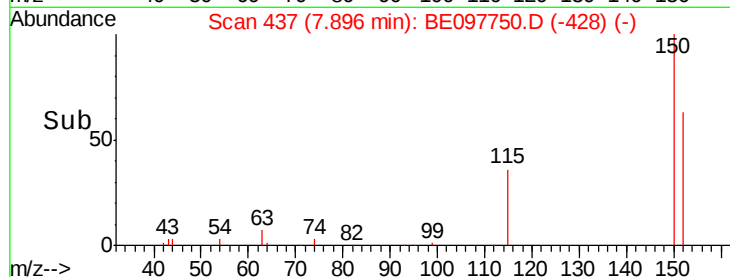
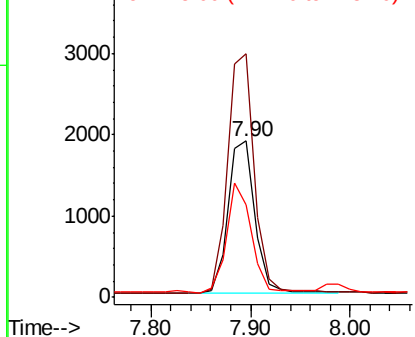
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097750.D
Acq: 5 Oct 2018 11:50

Instrument :
BNA_E
ClientSampleId :
TT-DUP01-20180928

Tot Ion:152 Resp: 3501
Ion Ratio Lower Upper
152 100
150 155.6 120.9 181.3
115 58.9 46.6 69.8



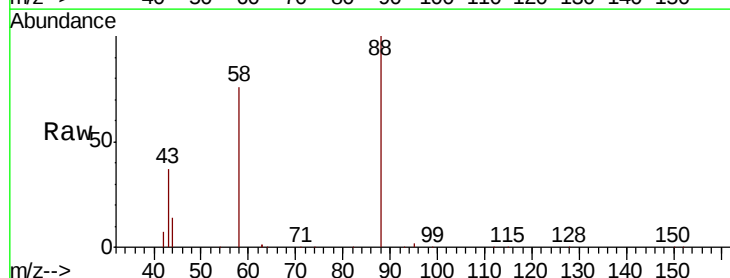
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



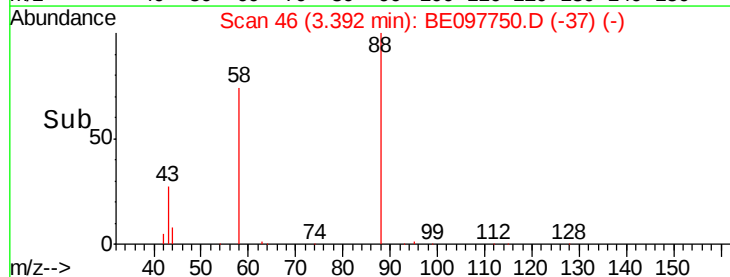
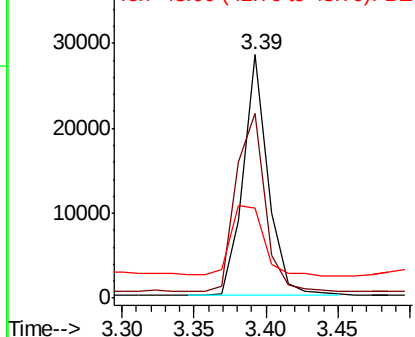
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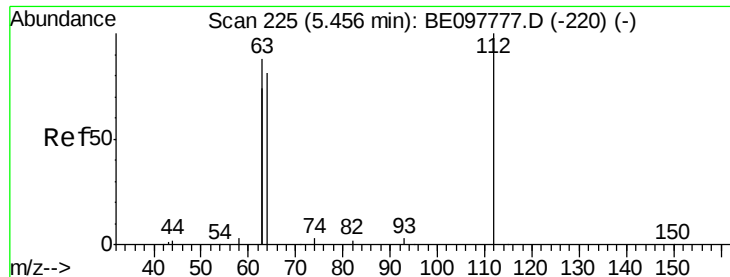
1,4-Dioxane
Concen: 4.845 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097750.D
Acq: 5 Oct 2018 11:50

Tgt Ion: 88 Resp: 33797
Ion Ratio Lower Upper
88 100
58 87.1 70.8 106.2
43 38.4 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: 0.183 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampleId :

TT-DUP01-20180928

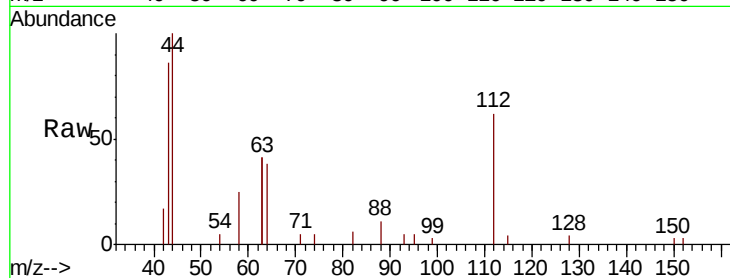
Tot Ion: 112 Resp: 1519

Ion Ratio Lower Upper

112 100

64 71.5 56.6 84.8

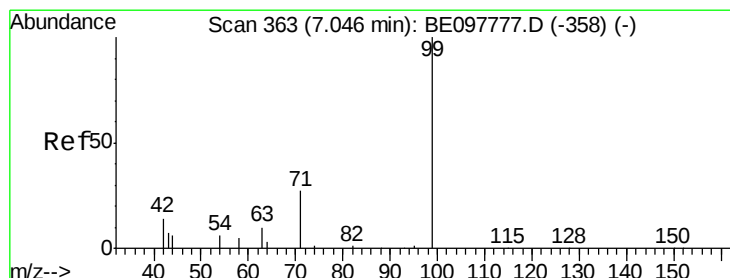
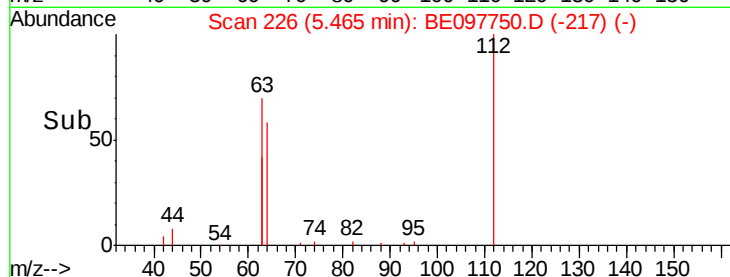
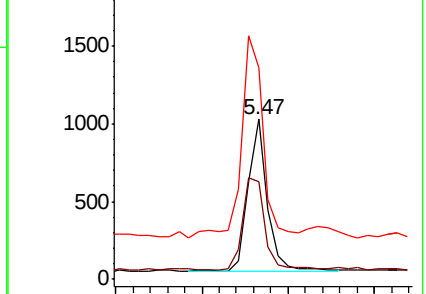
63 151.7 119.4 179.0



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: 0.099 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

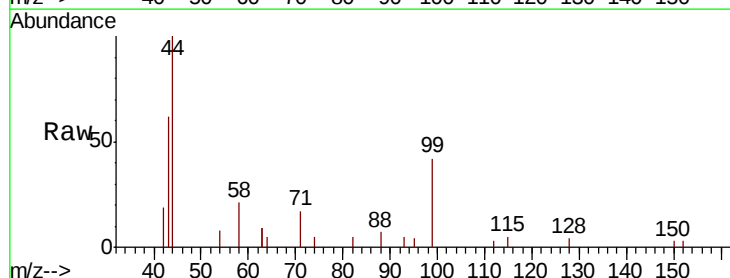
Tgt Ion: 99 Resp: 1260

Ion Ratio Lower Upper

99 100

42 31.4 19.9 29.9#

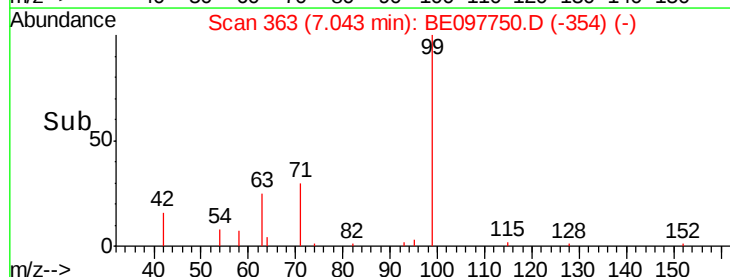
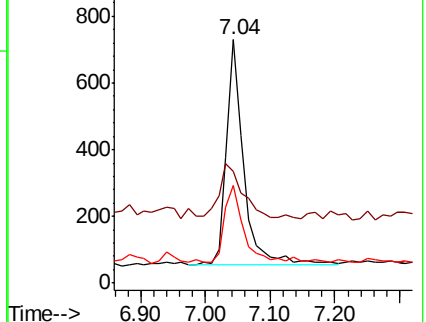
71 37.9 25.4 38.2

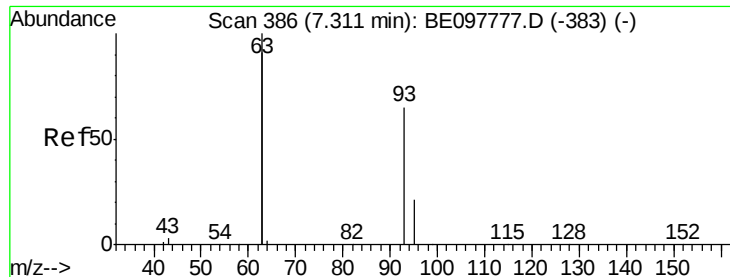


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.066 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

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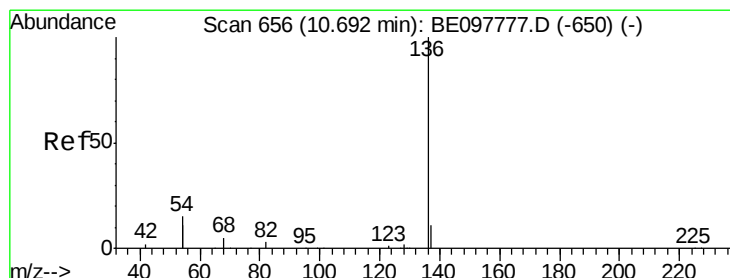
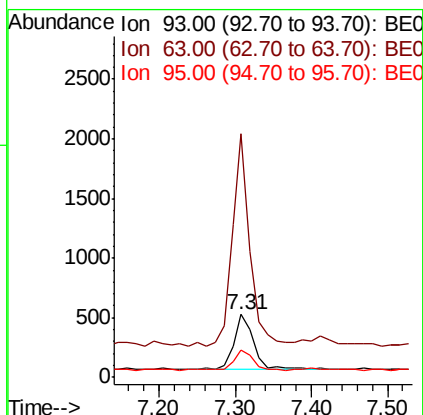
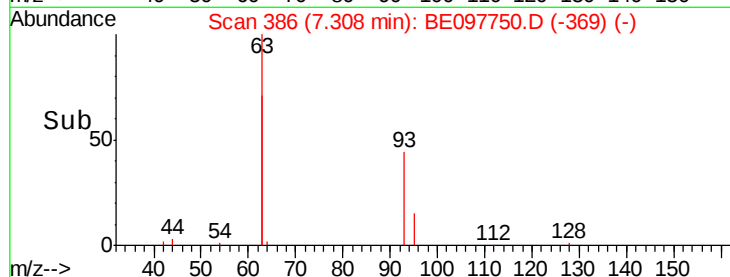
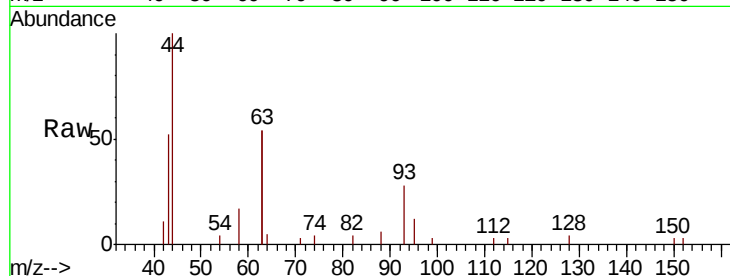
Tot Ion: 93 Resp: 868

Ion Ratio Lower Upper

93 100

63 332.7 266.9 400.3

95 35.3 26.2 39.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Tgt Ion: 136 Resp: 13477

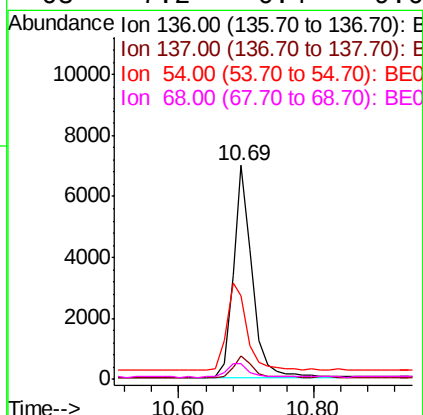
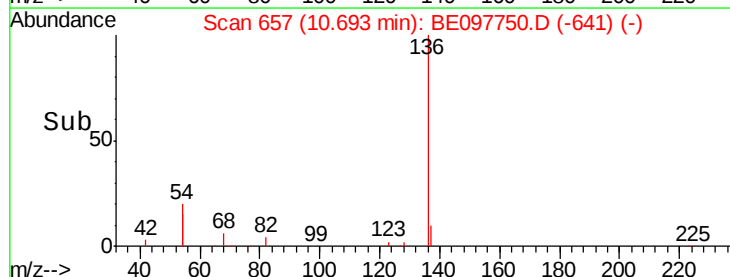
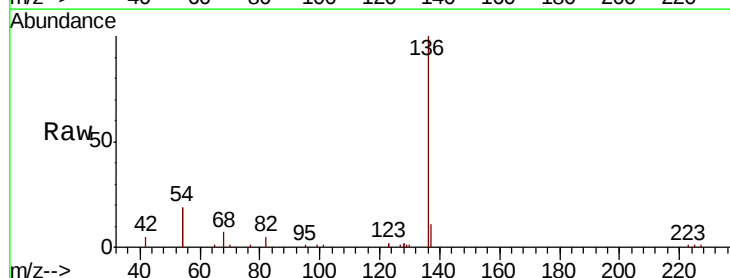
Ion Ratio Lower Upper

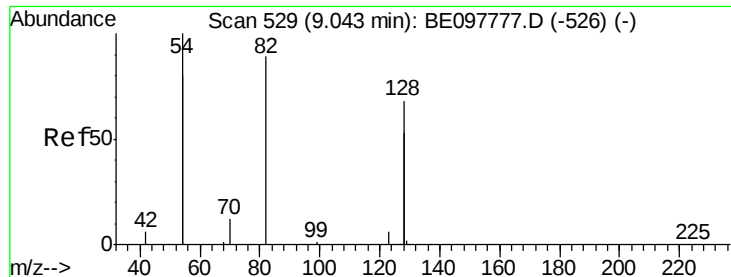
136 100

137 10.9 9.0 13.4

54 38.9 37.8 56.6

68 7.2 6.4 9.6





#8

Nitrobenzene-d5

Concen: 0.667 ng

RT: 9.04 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampleId :

TT-DUP01-20180928

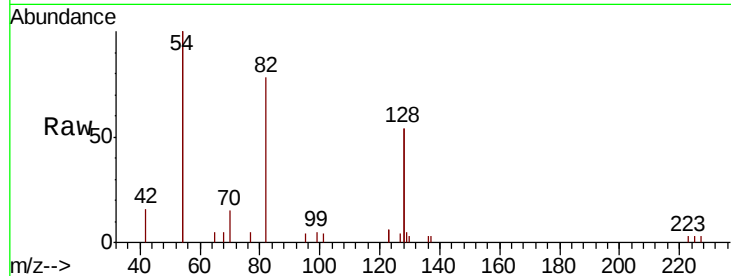
Tot Ion: 82 Resp: 2918

Ion Ratio Lower Upper

82 100

128 137.7 97.0 145.4

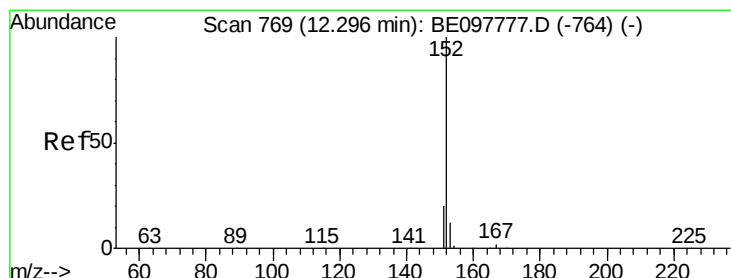
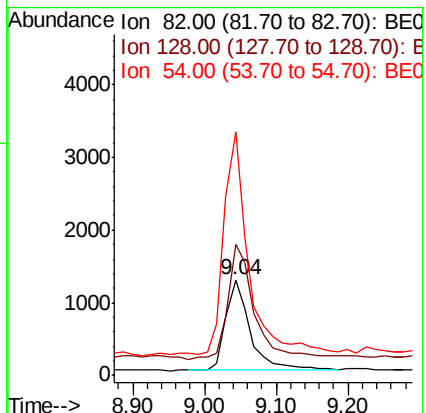
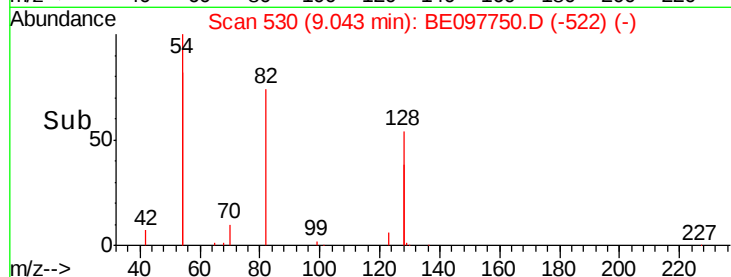
54 255.9 206.9 310.3



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



#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.30 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE097750.D

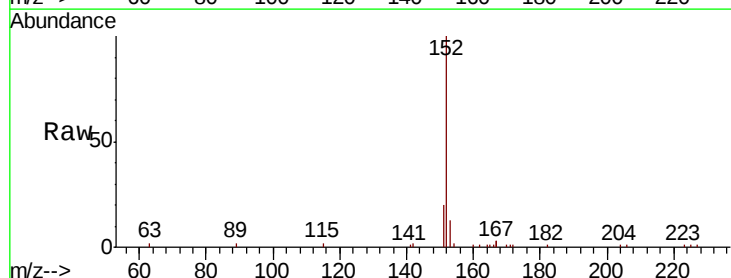
Acq: 5 Oct 2018 11:50

Tgt Ion: 152 Resp: 8145

Ion Ratio Lower Upper

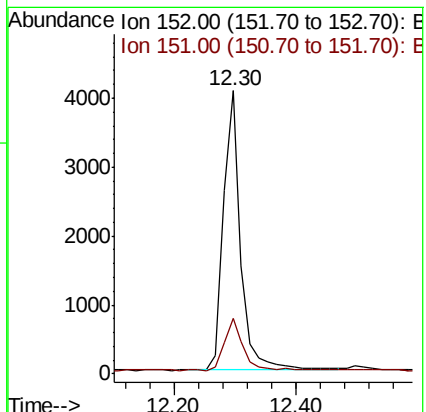
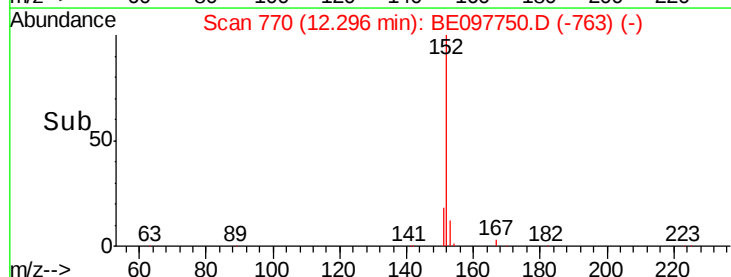
152 100

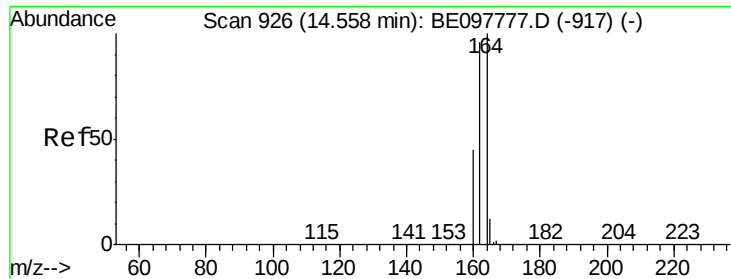
151 19.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

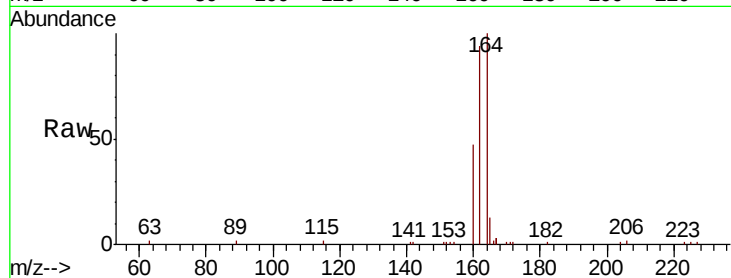




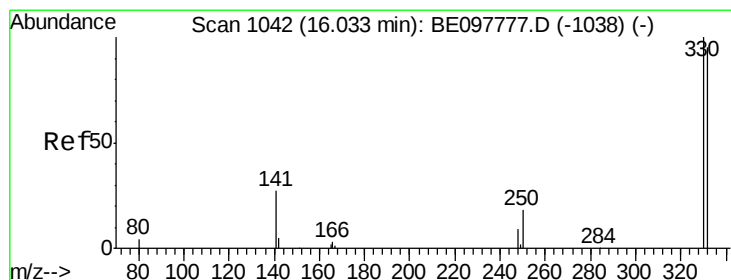
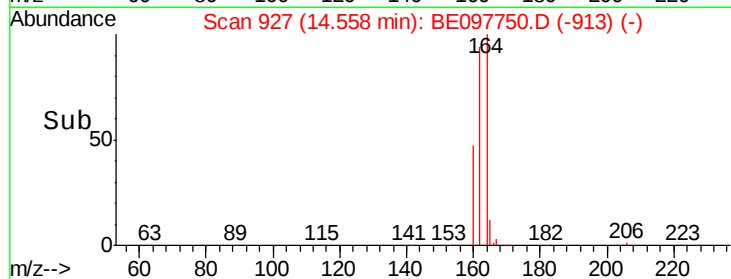
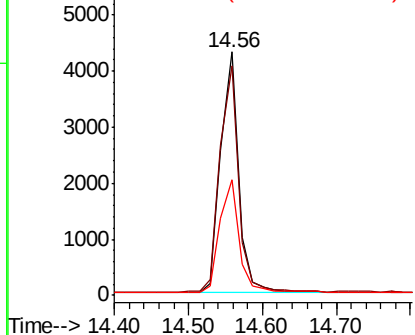
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BE097750.D
 Acq: 5 Oct 2018 11:50

Instrument :
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 ClientSampleId :
 TT-DUP01-20180928

Tot Ion:164 Resp: 7234
 Ion Ratio Lower Upper
 164 100
 162 94.5 78.6 117.8
 160 47.3 37.8 56.6

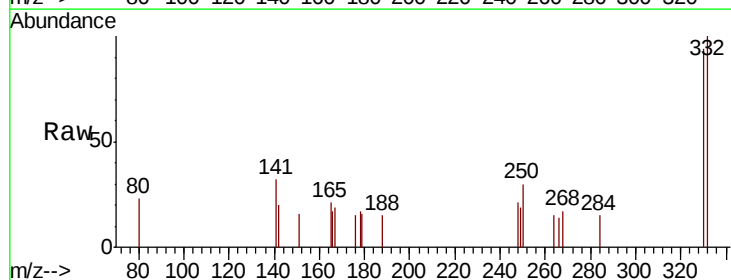


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

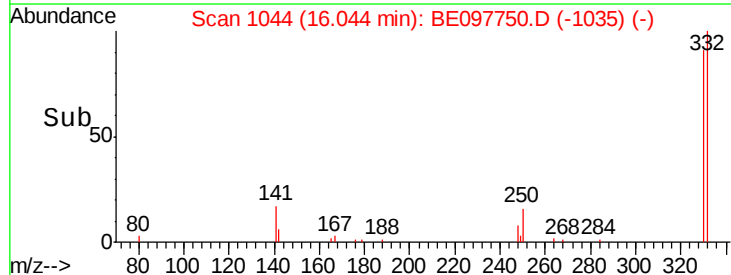
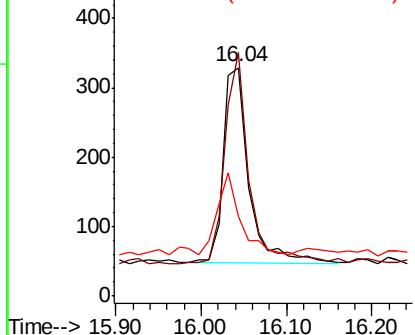


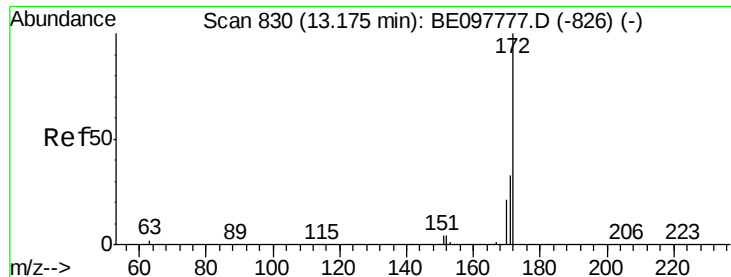
#14
 2,4,6-Tribromophenol
 Concen: 0.446 ng
 RT: 16.04 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BE097750.D
 Acq: 5 Oct 2018 11:50

Tgt Ion:330 Resp: 585
 Ion Ratio Lower Upper
 330 100
 332 103.9 83.5 125.3
 141 41.0 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

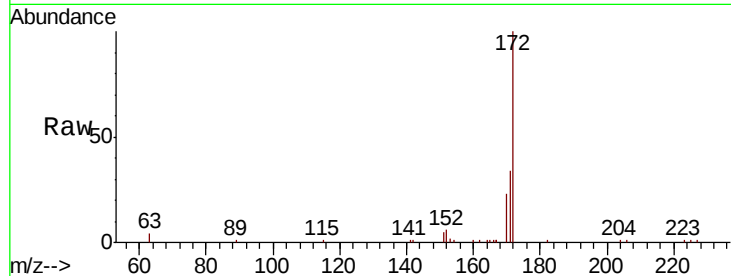




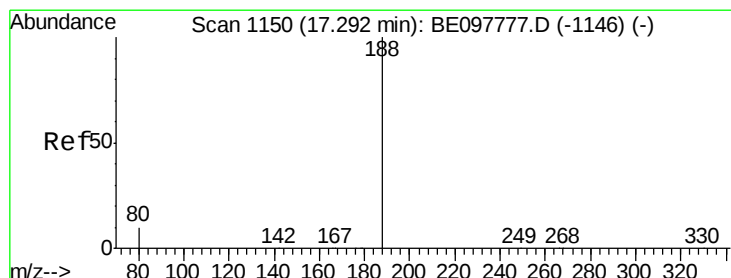
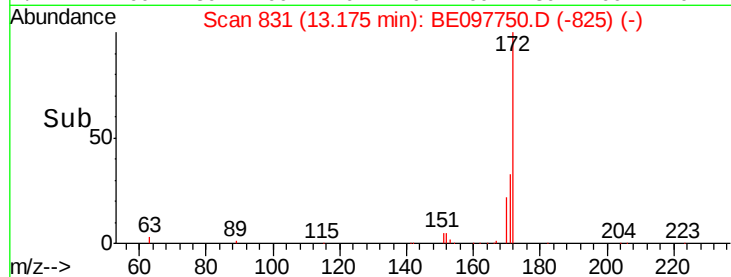
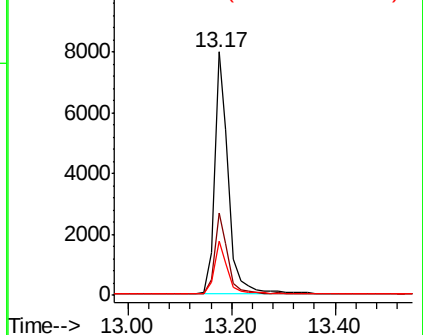
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.17 min Scan# 831
Delta R.T. -0.01 min
Lab File: BE097750.D
Acq: 5 Oct 2018 11:50

Instrument :
BNA_E
ClientSampleId :
TT-DUP01-20180928

Tot Ion:172 Resp: 14801
Ion Ratio Lower Upper
172 100
171 33.7 25.2 37.8
170 22.5 16.2 24.2

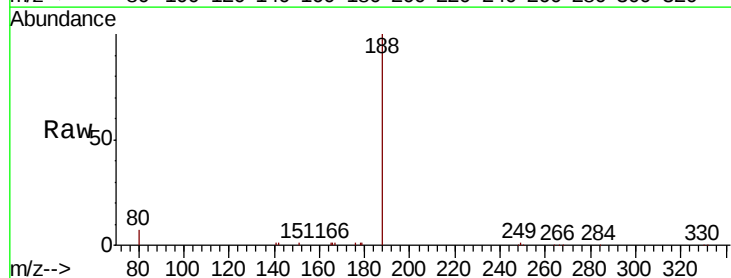


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

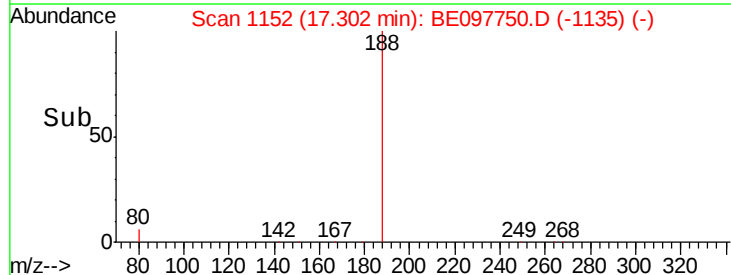
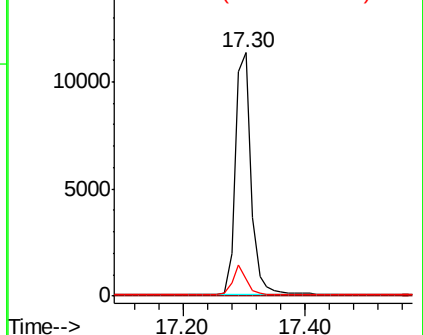


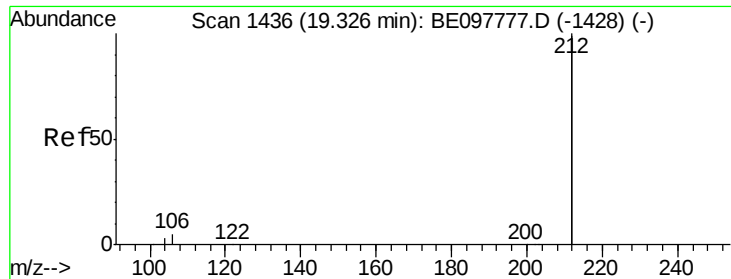
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE097750.D
Acq: 5 Oct 2018 11:50

Tgt Ion:188 Resp: 20599
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 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

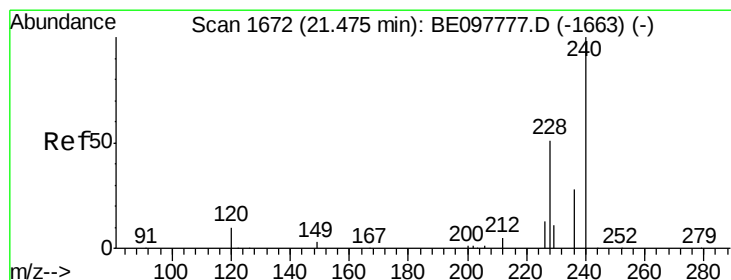
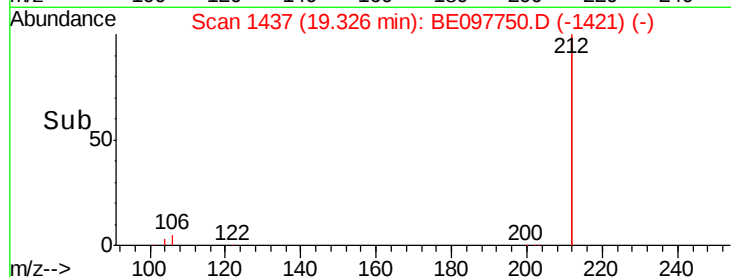
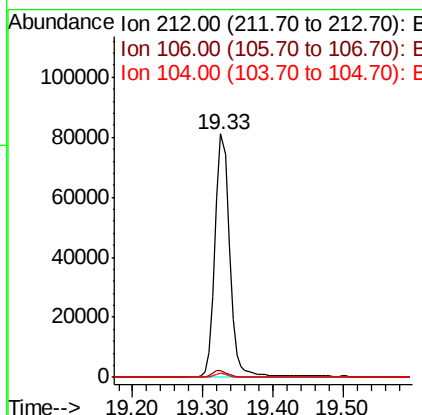
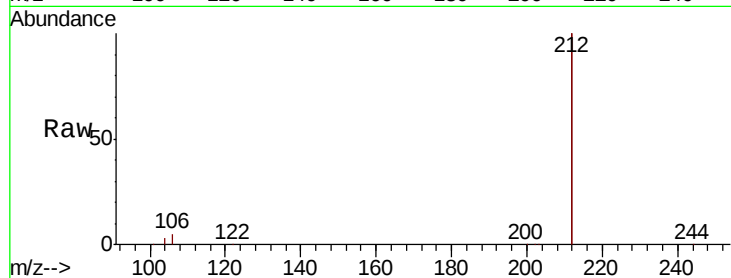




#25
 Fluoranthene-d10
 Concen: 0.444 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BE097750.D
 Acq: 5 Oct 2018 11:50

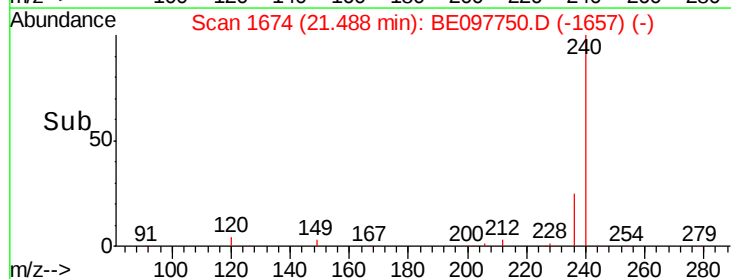
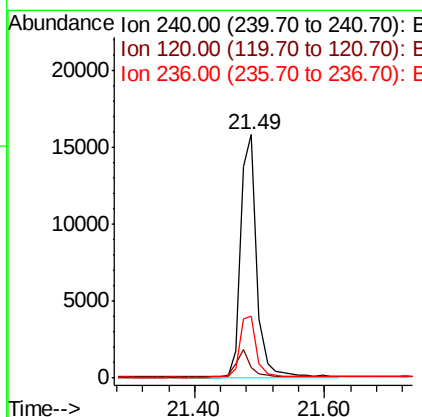
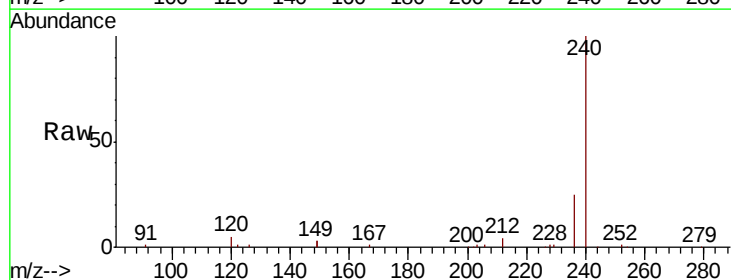
Instrument :
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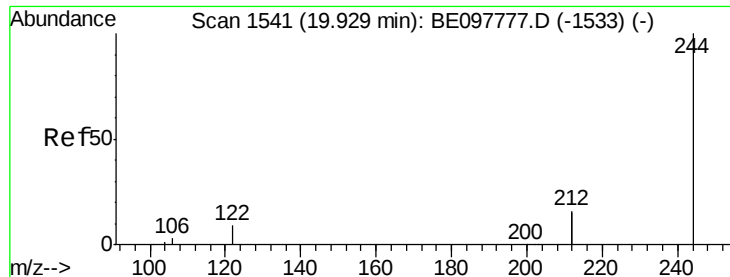
Tot Ion:212 Resp: 115891
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.2 1.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BE097750.D
 Acq: 5 Oct 2018 11:50

Tgt Ion:240 Resp: 27090
 Ion Ratio Lower Upper
 240 100
 120 4.6 4.7 7.1#
 236 25.5 20.8 31.2





#29

Terphenyl-d14

Concen: 0.606 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampleId :

TT-DUP01-20180928

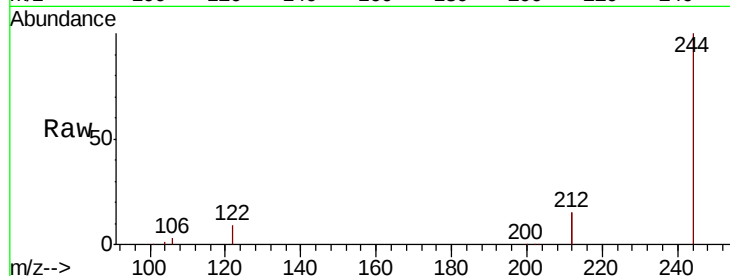
Tot Ion:244 Resp: 33535

Ion Ratio Lower Upper

244 100

212 30.4 25.8 38.8

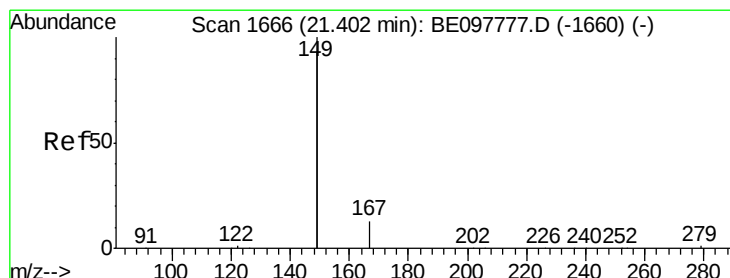
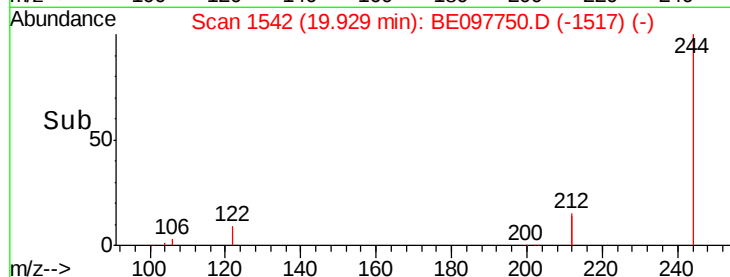
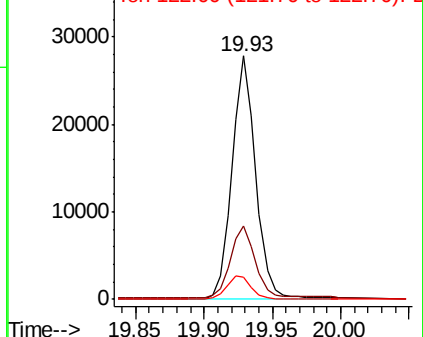
122 9.3 8.7 13.1



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: 0.087 ng

RT: 21.40 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

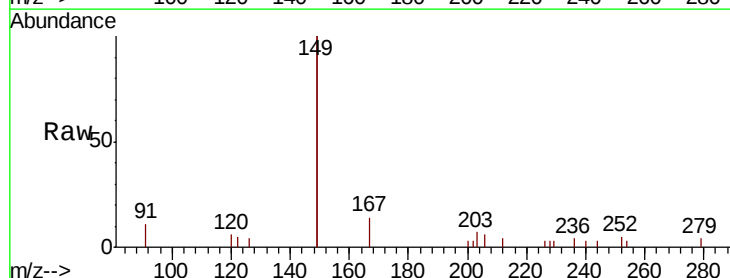
Tgt Ion:149 Resp: 4616

Ion Ratio Lower Upper

149 100

167 7.5 5.5 8.3

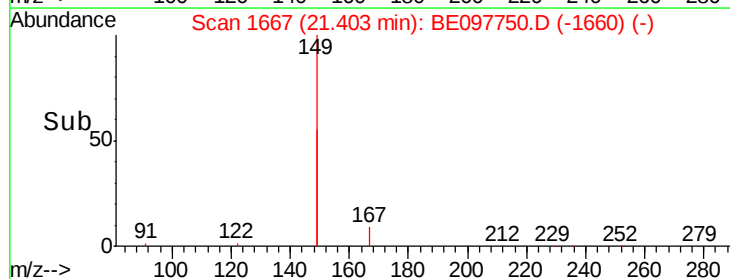
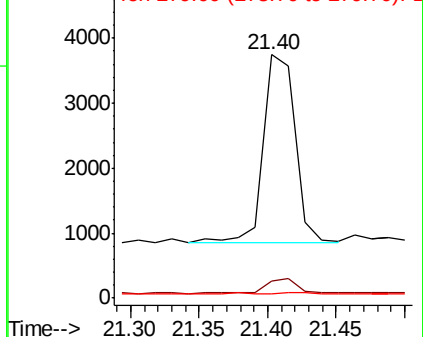
279 1.1 0.9 1.3

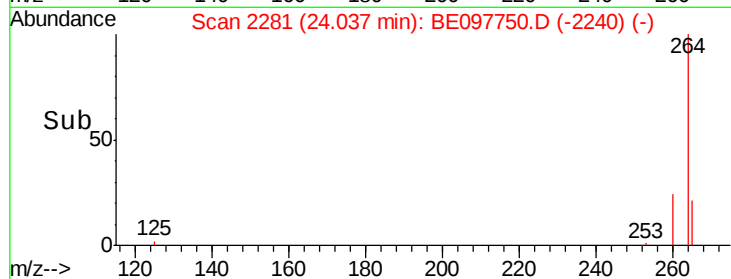
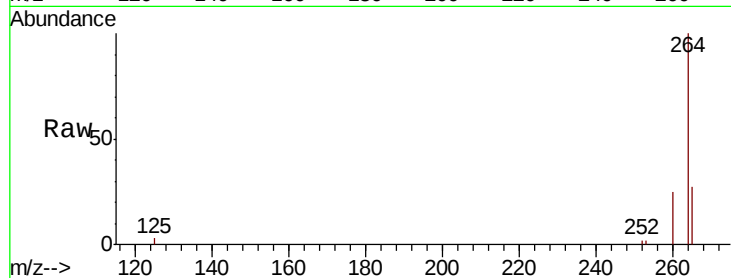
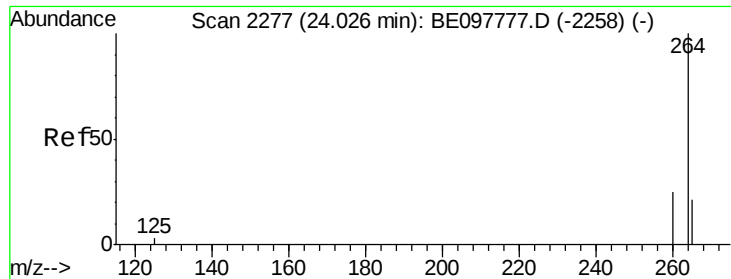


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.04 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BE097750.D

Acq: 5 Oct 2018 11:50

Instrument :

BNA_E

ClientSampleId :

TT-DUP01-20180928

Tot Ion:264 Resp: 25187

Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 26.8 21.9 32.9

