

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE101618\
 Data File : BE097944.D
 Acq On : 17 Oct 2018 12:43
 Operator : SJ/JU
 Sample : J5317-06DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D2-20181004DL

Quant Time: Oct 17 17:16:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

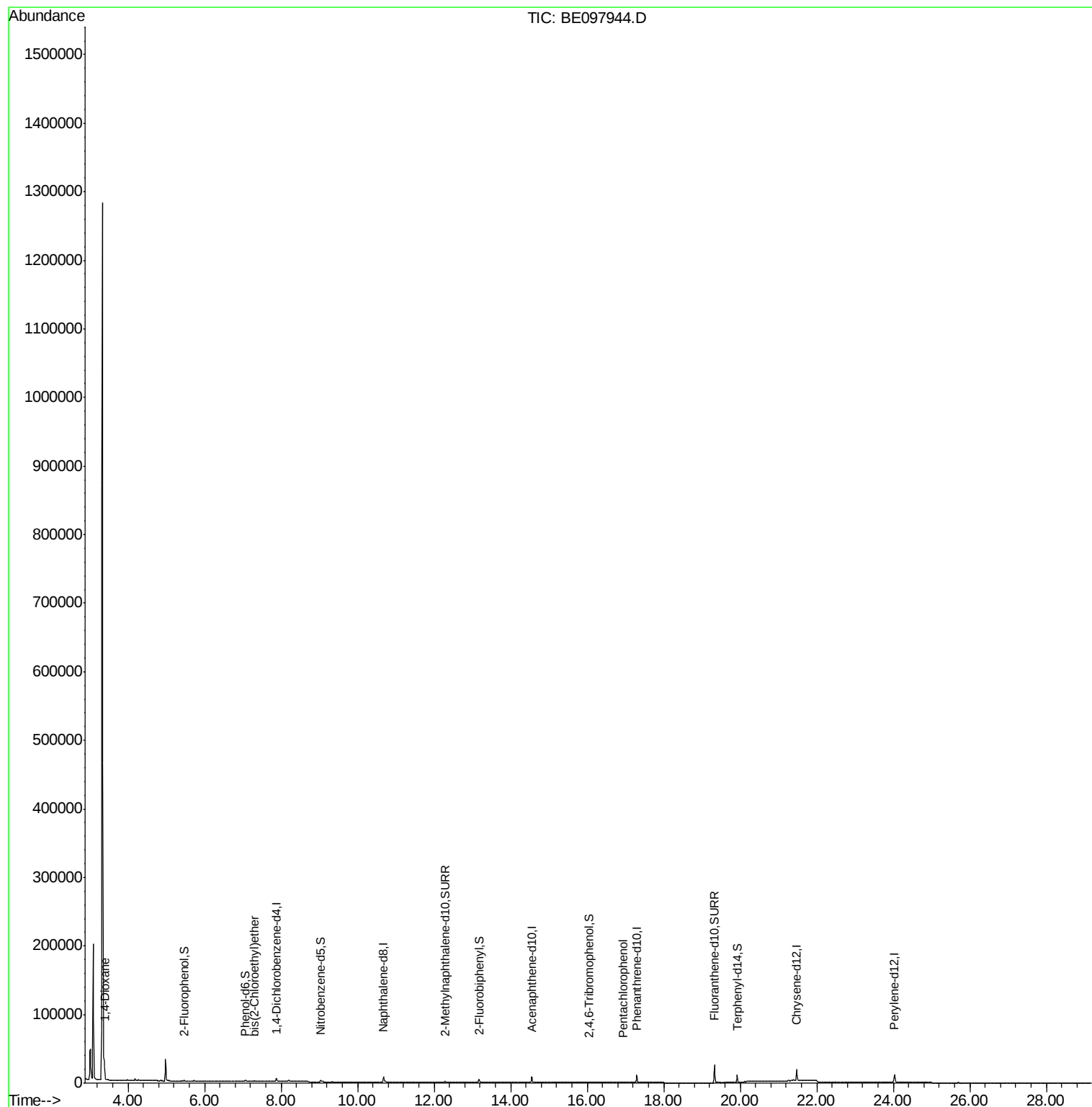
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1992	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	8234	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	5163	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	14217	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	17166	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17667	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	565	0.09	ng	0.00
5) Phenol-d6	7.06	99	495	0.05	ng	0.00
8) Nitrobenzene-d5	9.04	82	1604	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2526	0.18	ng	-0.01
14) 2,4,6-Tribromophenol	16.05	330	418	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	4957	0.23	ng	0.00
25) Fluoranthene-d10	19.33	212	36322	0.19	ng	0.00
29) Terphenyl-d14	19.92	244	9889	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	8842	2.546	ng	Qvalue 93
6) bis(2-Chloroethyl)ether	7.30	93	220	0.028	ng	# 87
22) Pentachlorophenol	16.94	266	14	0.038	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.39	149	3157	Below Cal	#	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	4	Below Cal	#	1

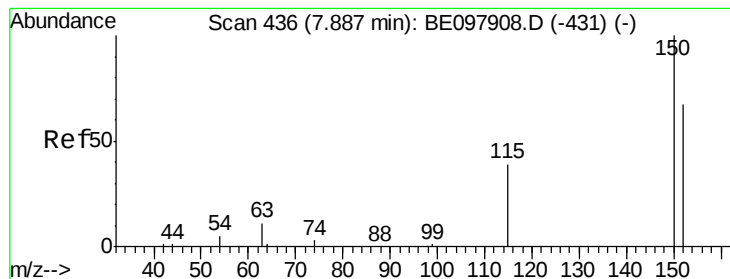
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.00 min

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Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004DL

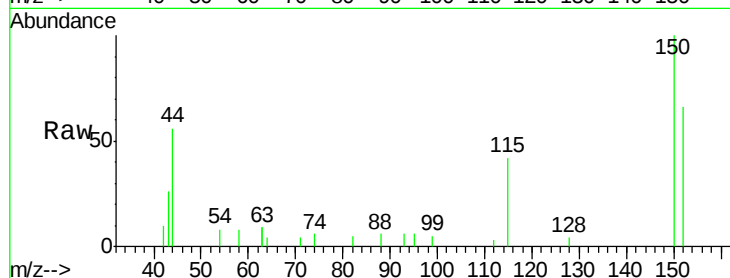
Tgt Ion:152 Resp: 1992

Ion Ratio Lower Upper

152 100

150 152.3 118.2 177.4

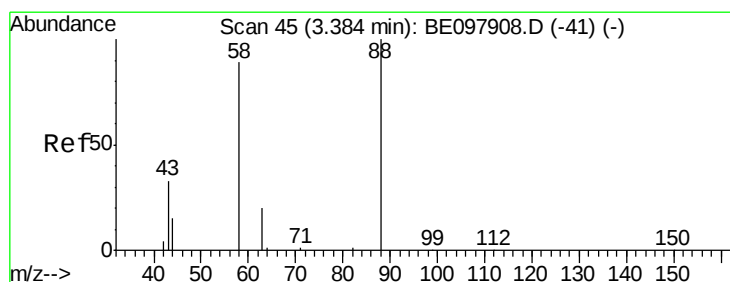
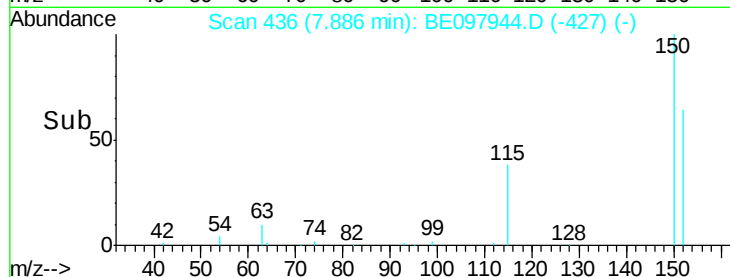
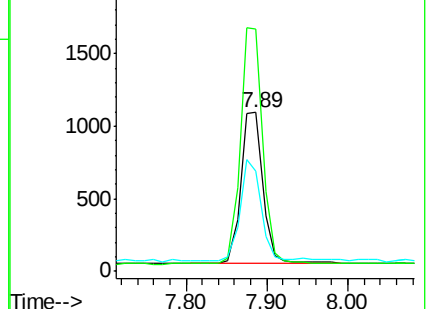
115 63.3 50.9 76.3



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: 2.546 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

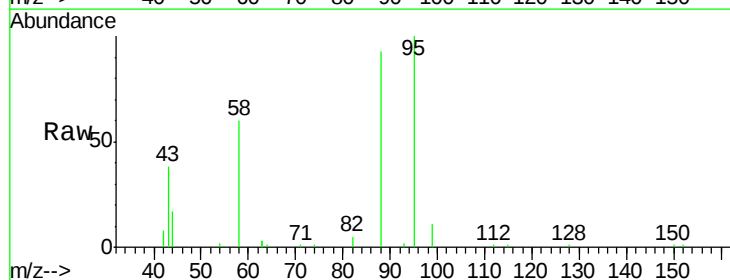
Tgt Ion: 88 Resp: 8842

Ion Ratio Lower Upper

88 100

58 84.8 73.2 109.8

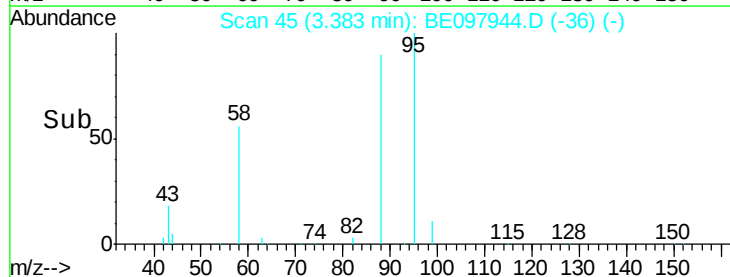
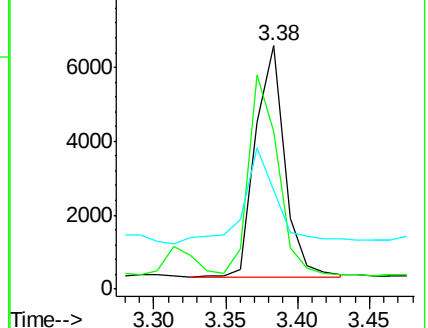
43 50.2 36.9 55.3

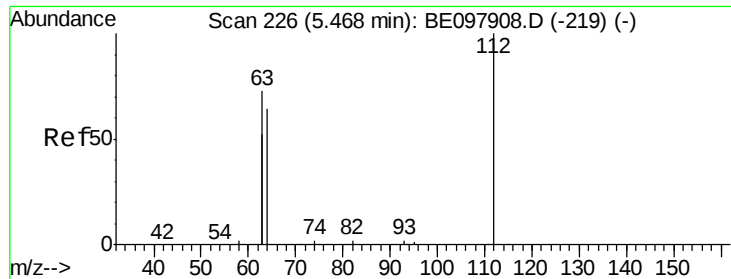


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.090 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004DL

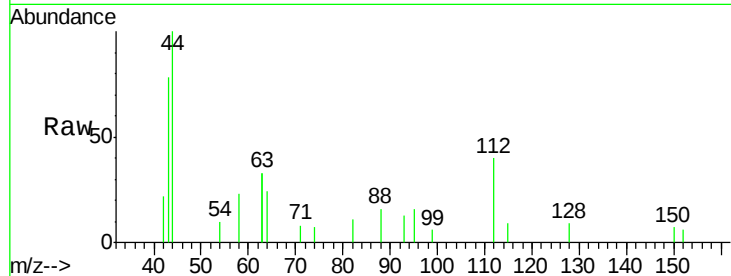
Tgt Ion: 112 Resp: 565

Ion Ratio Lower Upper

112 100

64 74.5 58.9 88.3

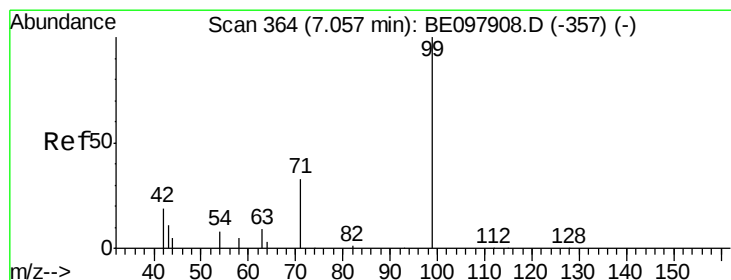
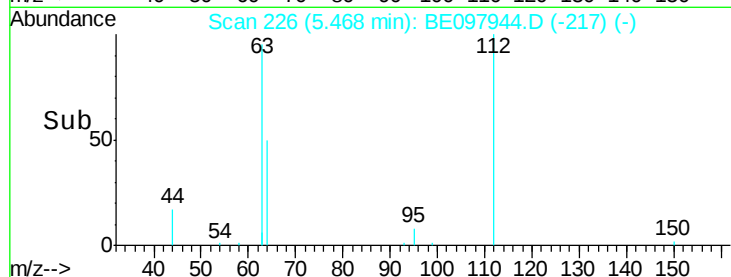
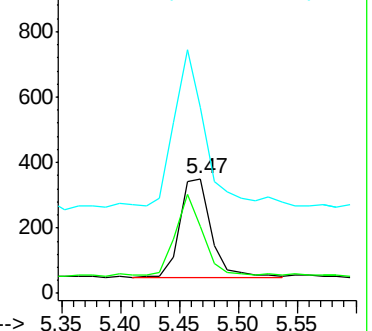
63 160.0 120.3 180.5



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: 0.053 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

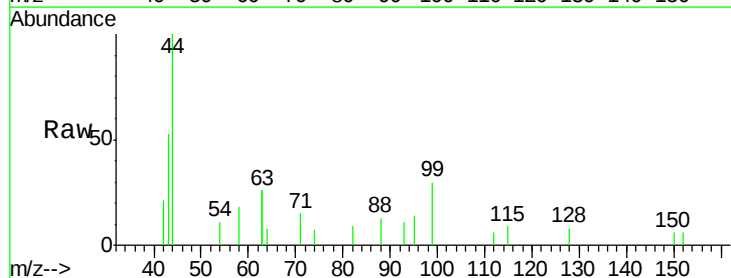
Tgt Ion: 99 Resp: 495

Ion Ratio Lower Upper

99 100

42 41.6 19.9 29.9#

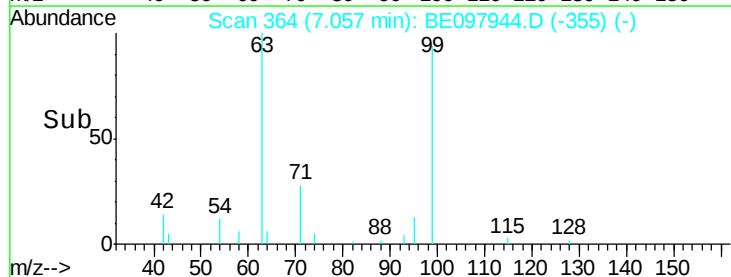
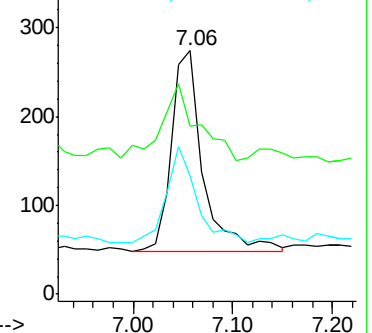
71 44.8 27.8 41.8#

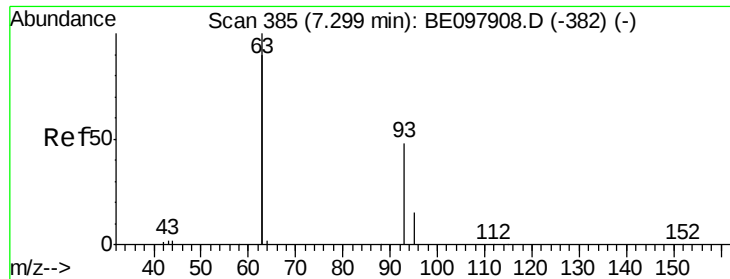


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.028 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004DL

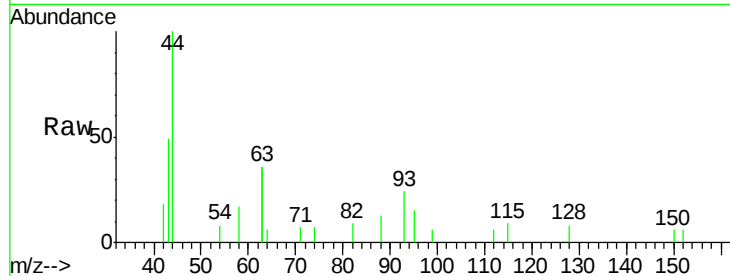
Tgt Ion: 93 Resp: 220

Ion Ratio Lower Upper

93 100

63 341.4 259.0 388.4

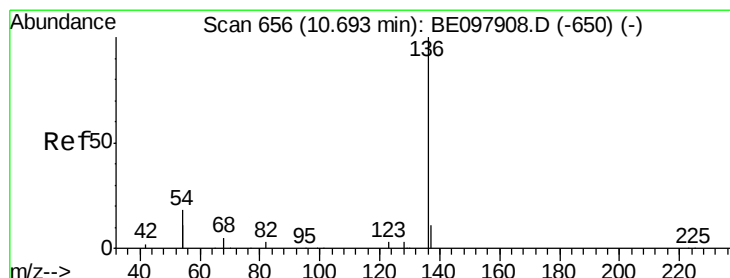
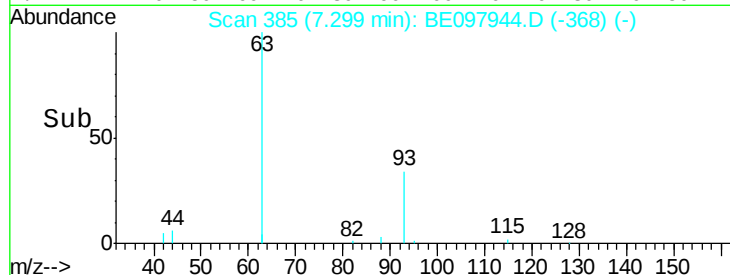
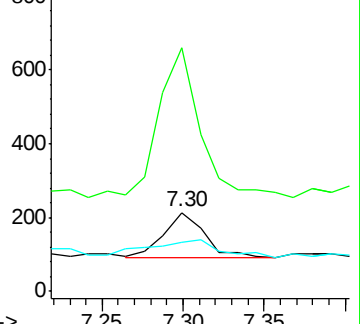
95 68.2 27.8 41.8#



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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Tgt Ion: 136 Resp: 8234

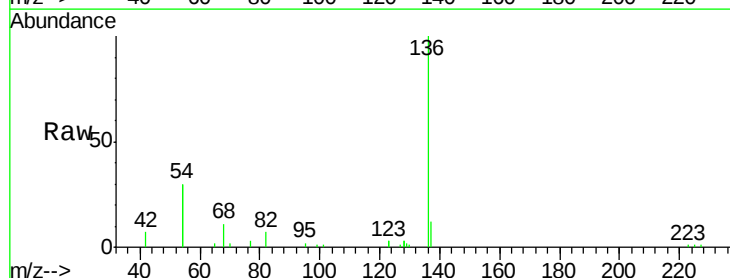
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 60.7 27.7 41.5#

68 10.8 5.3 7.9#

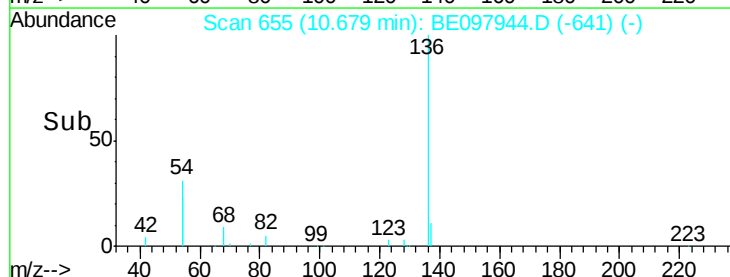
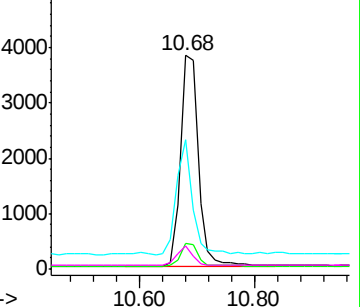


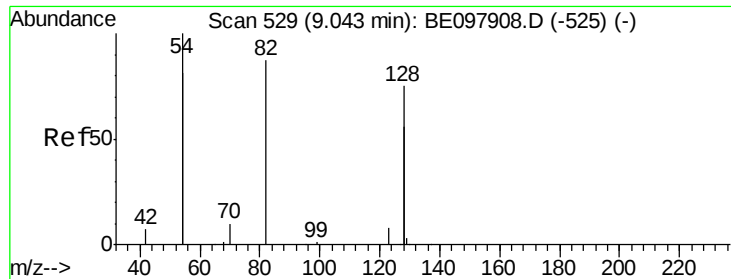
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.206 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Instrument :

BNA_E

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RE-122D2-20181004DL

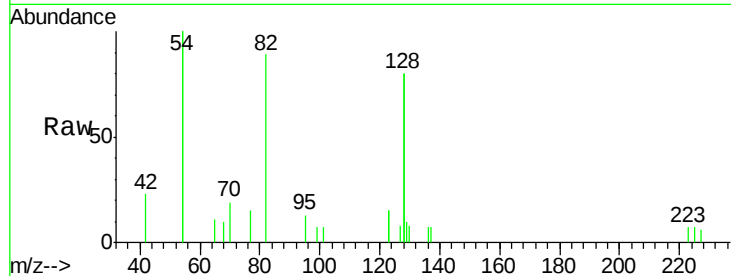
Tgt Ion: 82 Resp: 1604

Ion Ratio Lower Upper

82 100

128 179.4 129.9 194.9

54 225.2 174.0 261.0

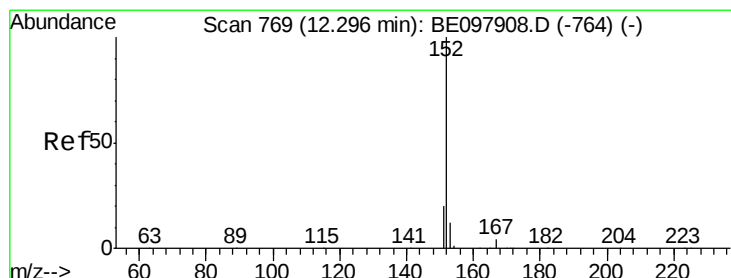
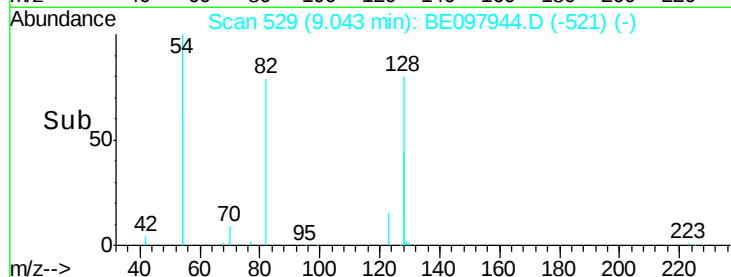
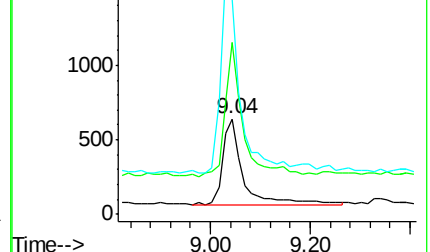


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.184 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097944.D

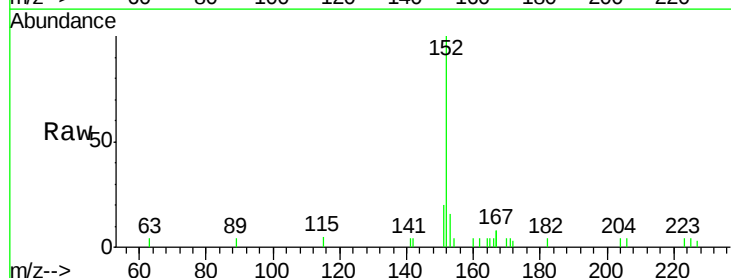
Acq: 17 Oct 2018 12:43

Tgt Ion: 152 Resp: 2526

Ion Ratio Lower Upper

152 100

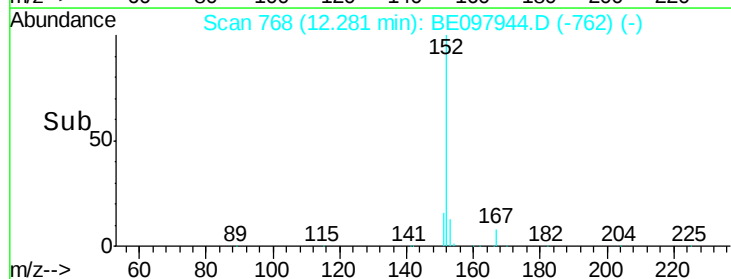
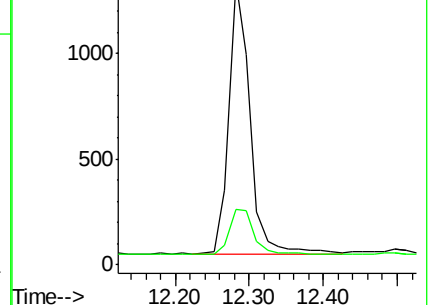
151 19.4 16.2 24.4

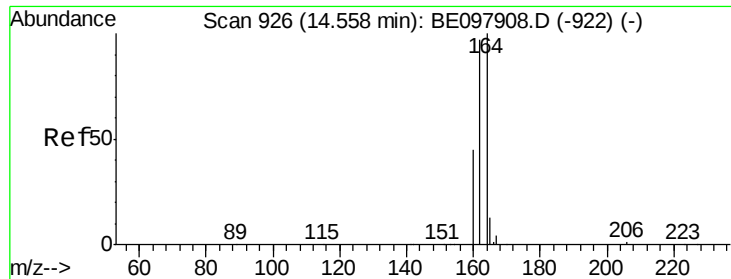


Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

Time-->

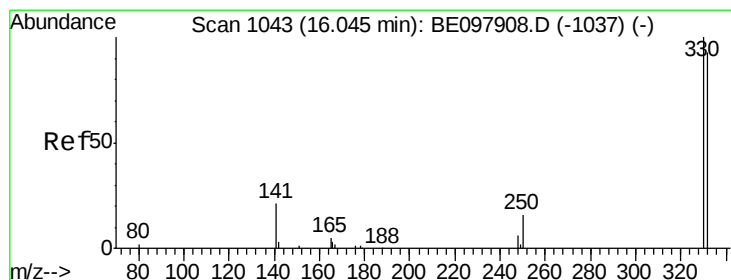
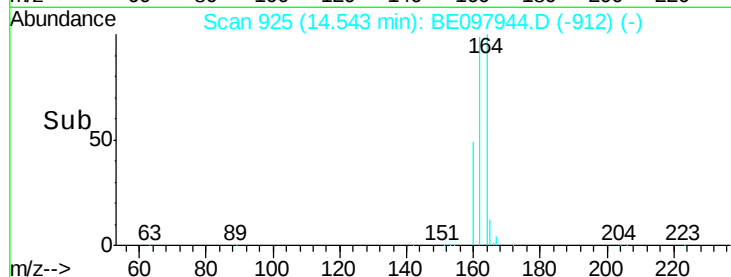
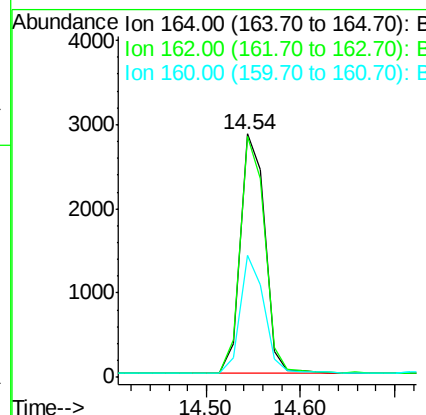
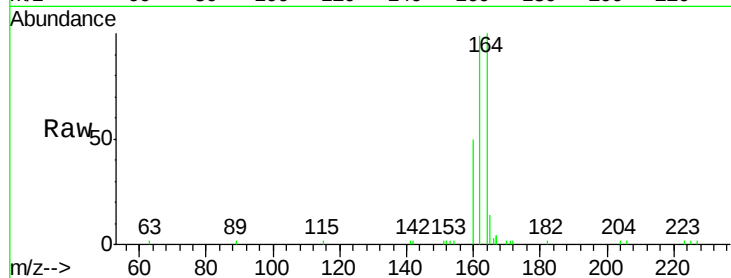




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097944.D
Acq: 17 Oct 2018 12:43

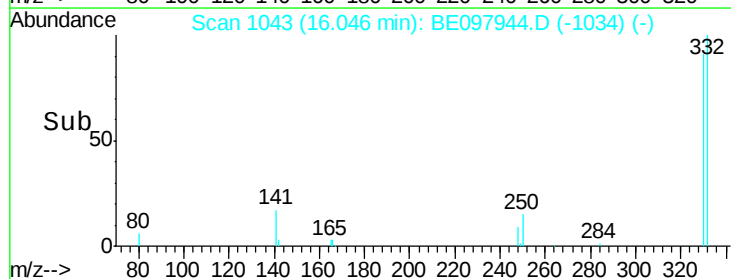
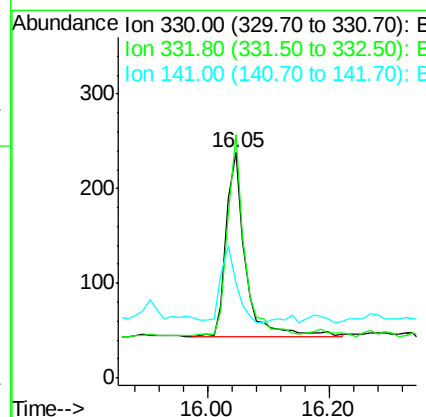
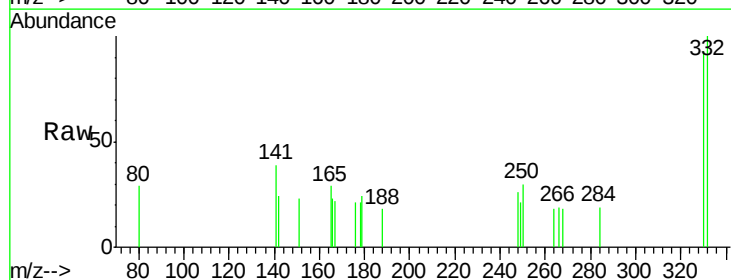
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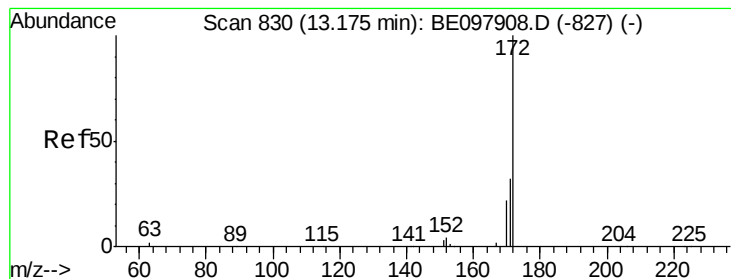
Tgt Ion:164 Resp: 5163
Ion Ratio Lower Upper
164 100
162 98.8 77.4 116.2
160 50.2 36.5 54.7



#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097944.D
Acq: 17 Oct 2018 12:43

Tgt Ion:330 Resp: 418
Ion Ratio Lower Upper
330 100
332 95.9 76.5 114.7
141 34.4 31.8 47.6





#15

2-Fluorobiphenyl

Concen: 0.235 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004DL

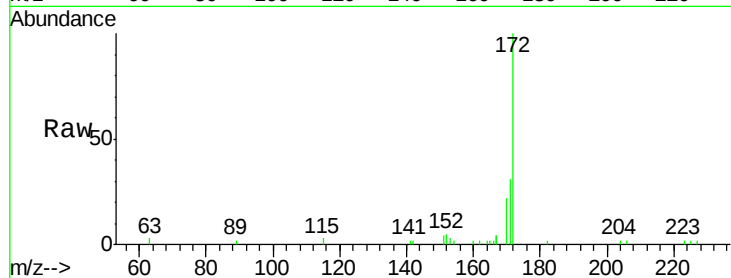
Tgt Ion:172 Resp: 4957

Ion Ratio Lower Upper

172 100

171 30.9 26.0 39.0

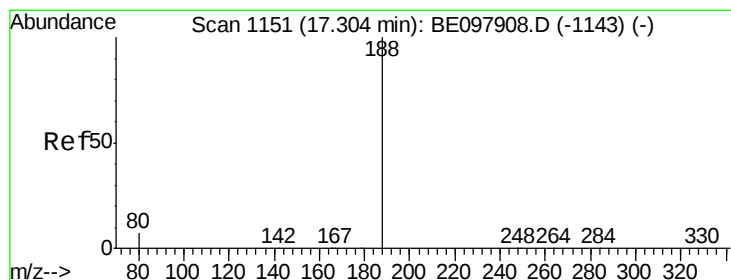
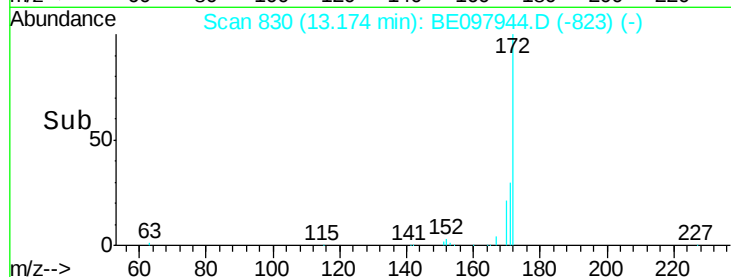
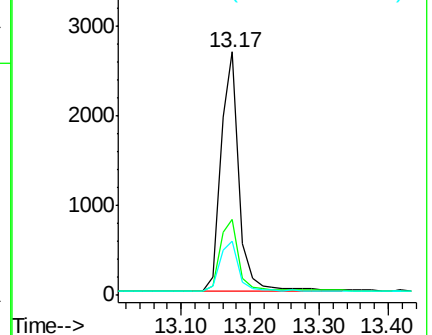
170 22.4 18.0 27.0



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

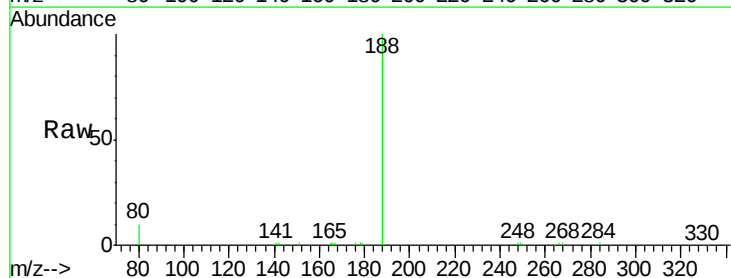
Tgt Ion:188 Resp: 14217

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

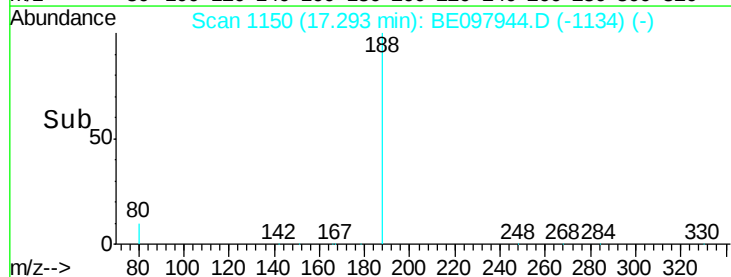
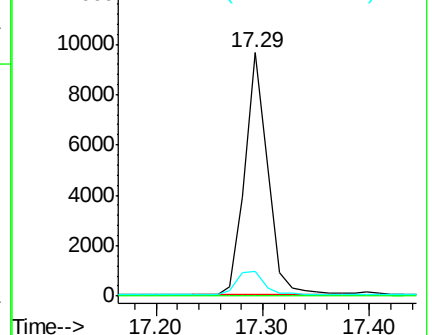
80 10.4 6.3 9.5#

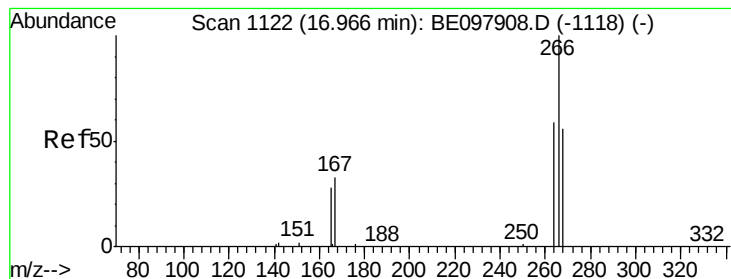


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.038 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BE097944.D

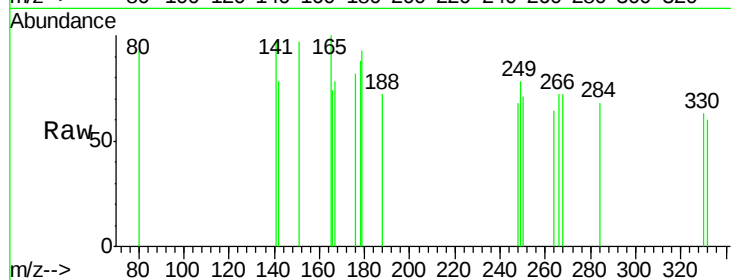
Acq: 17 Oct 2018 12:43

Instrument :

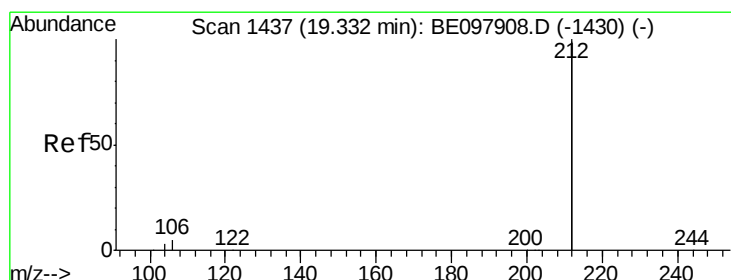
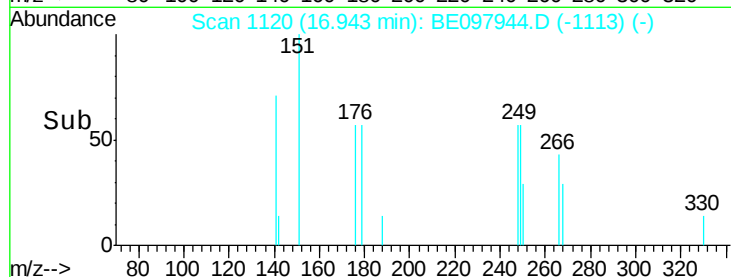
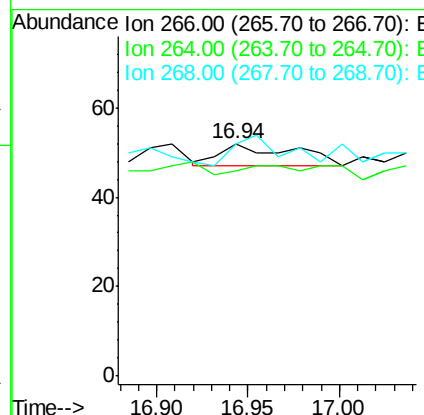
BNA_E

ClientSampleId :

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Tgt Ion:	266	Resp:	14
Ion	Ratio	Lower	Upper
266	100		
264	88.5	51.3	76.9#
268	100.0	50.1	75.1#



#25

Fluoranthene-d10

Concen: 0.189 ng

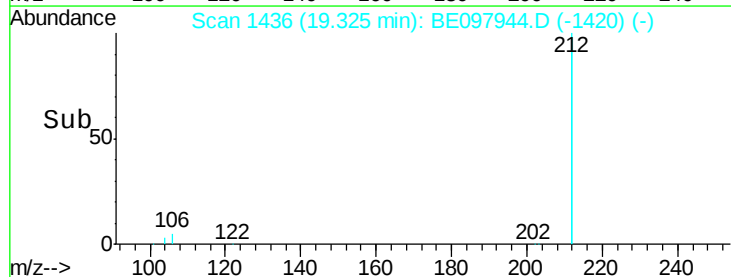
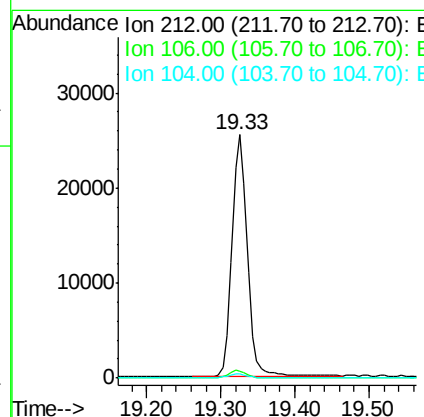
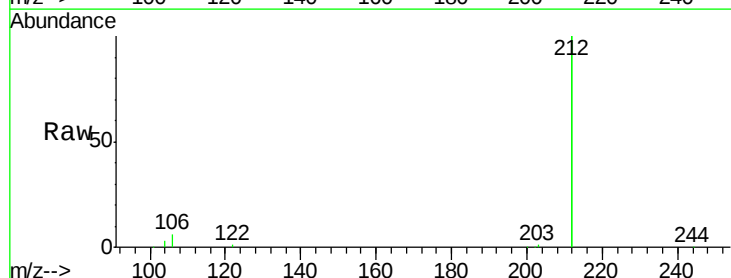
RT: 19.33 min Scan# 1436

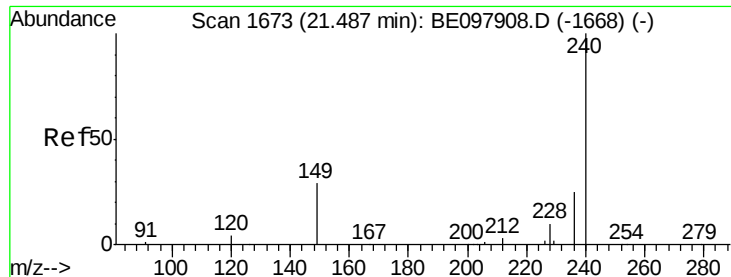
Delta R.T. -0.01 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Tgt Ion:	212	Resp:	36322
Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.6	1.3	1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004DL

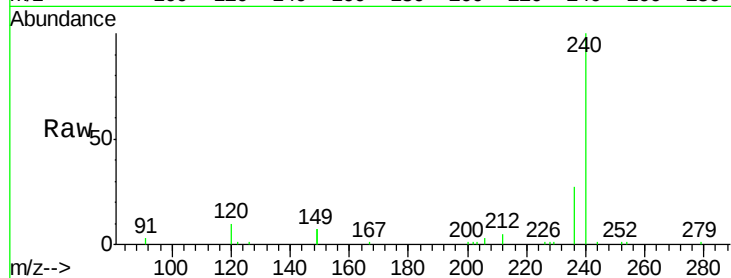
Tgt Ion:240 Resp: 17166

Ion Ratio Lower Upper

240 100

120 10.5 7.1 10.7

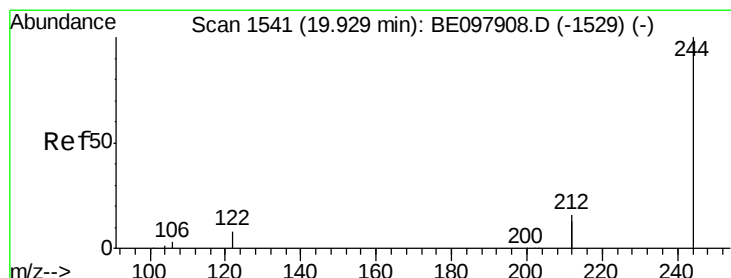
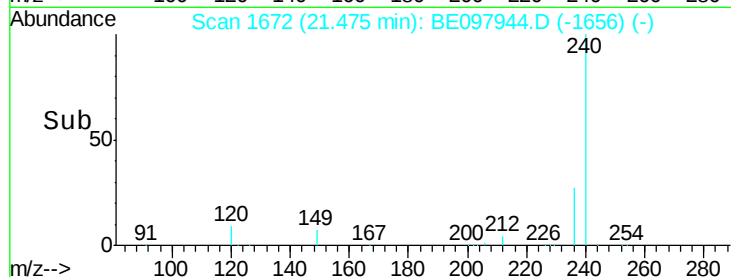
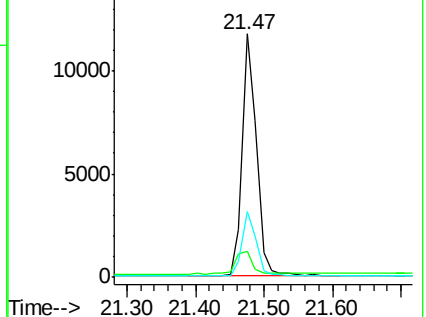
236 27.0 21.3 31.9



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: 0.251 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

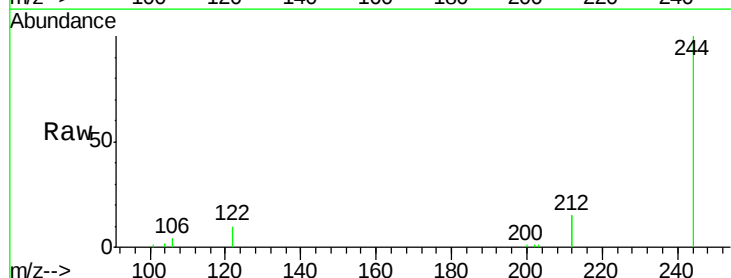
Tgt Ion:244 Resp: 9889

Ion Ratio Lower Upper

244 100

212 30.9 26.2 39.2

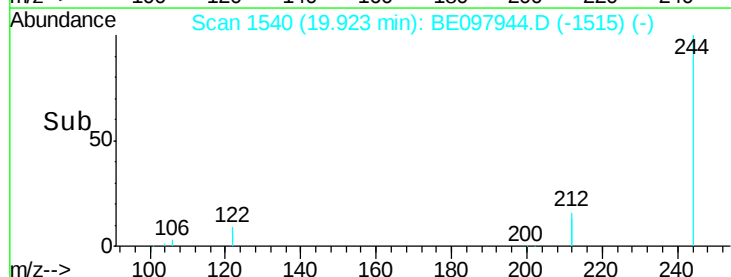
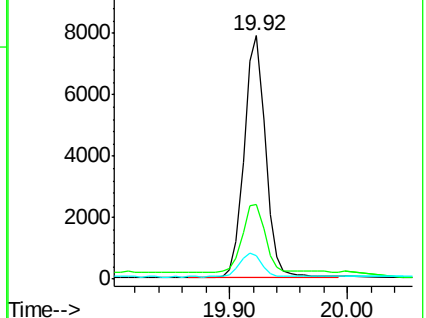
122 9.5 7.7 11.5

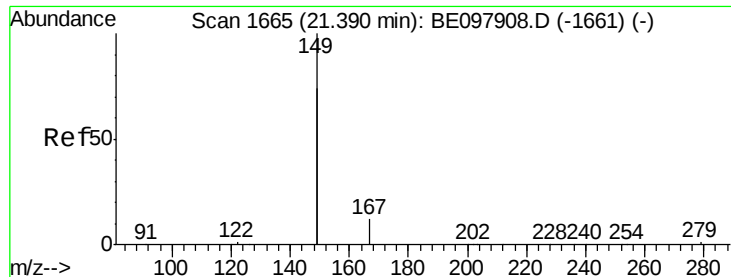


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004DL

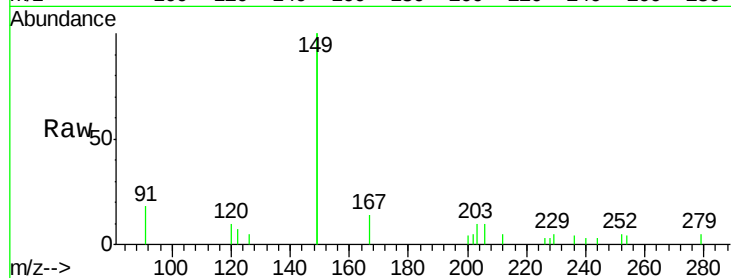
Tgt Ion:149 Resp: 3157

Ion Ratio Lower Upper

149 100

167 6.9 5.6 8.4

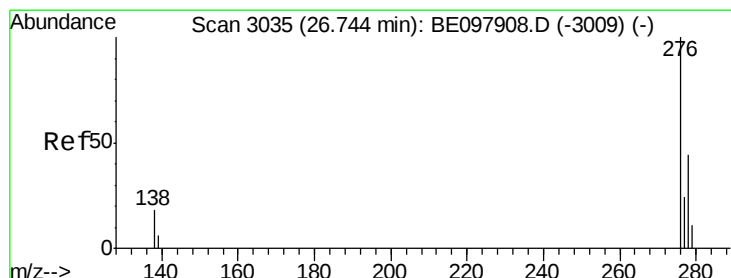
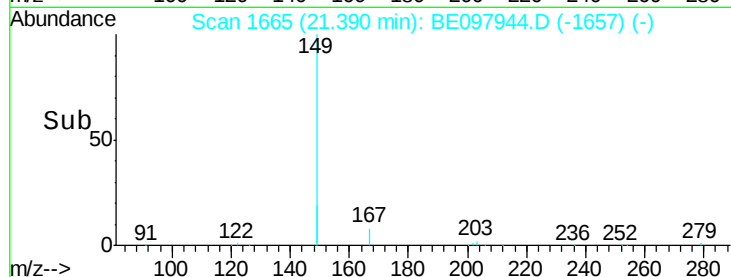
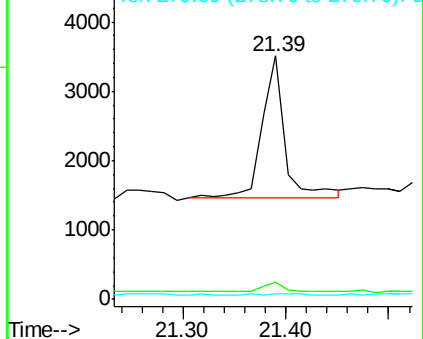
279 1.6 0.9 1.3#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 26.72 min Scan# 3027

Delta R.T. -0.03 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

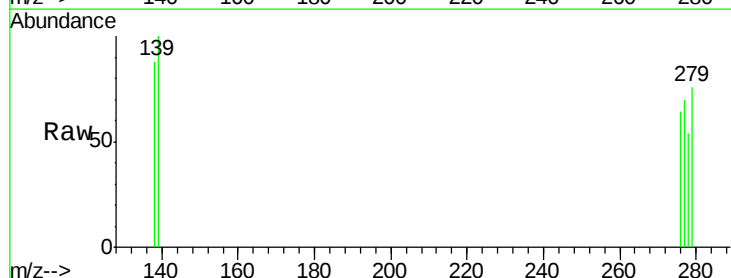
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 200.0 17.0 25.6#

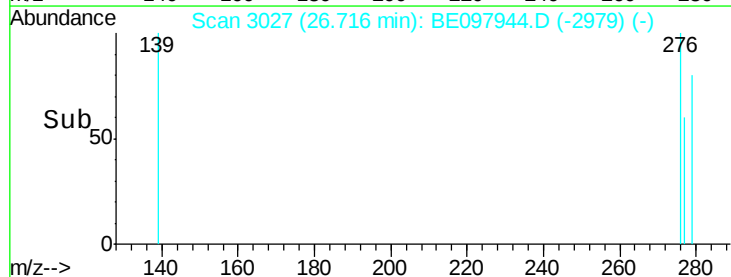
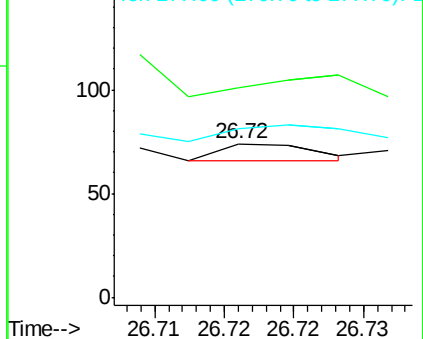
277 275.0 20.5 30.7#

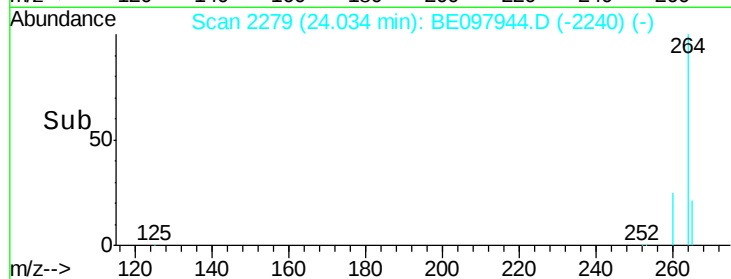
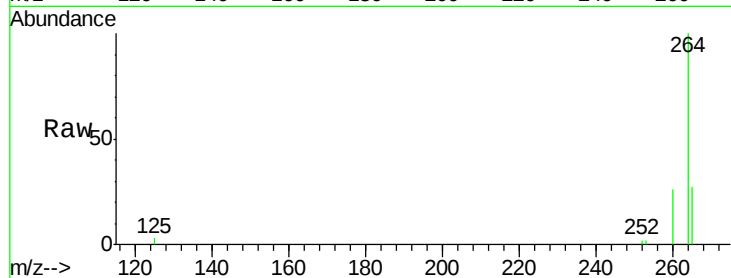
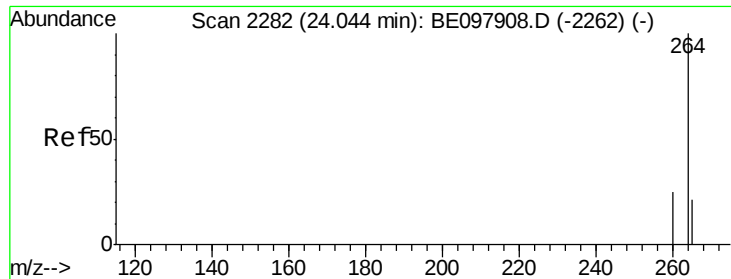


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097944.D

Acq: 17 Oct 2018 12:43

Instrument :

BNA_E

ClientSampleId :

RE-122D2-20181004DL

Tgt Ion:264 Resp: 17667

Ion Ratio Lower Upper

264 100

260 25.7 21.1 31.7

265 26.6 29.2 43.8#

