

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097934.D
 Acq On : 17 Oct 2018 6:36
 Operator : SJ/JU
 Sample : J5317-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D3-IMP-20181004

Quant Time: Oct 17 08:49:50 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

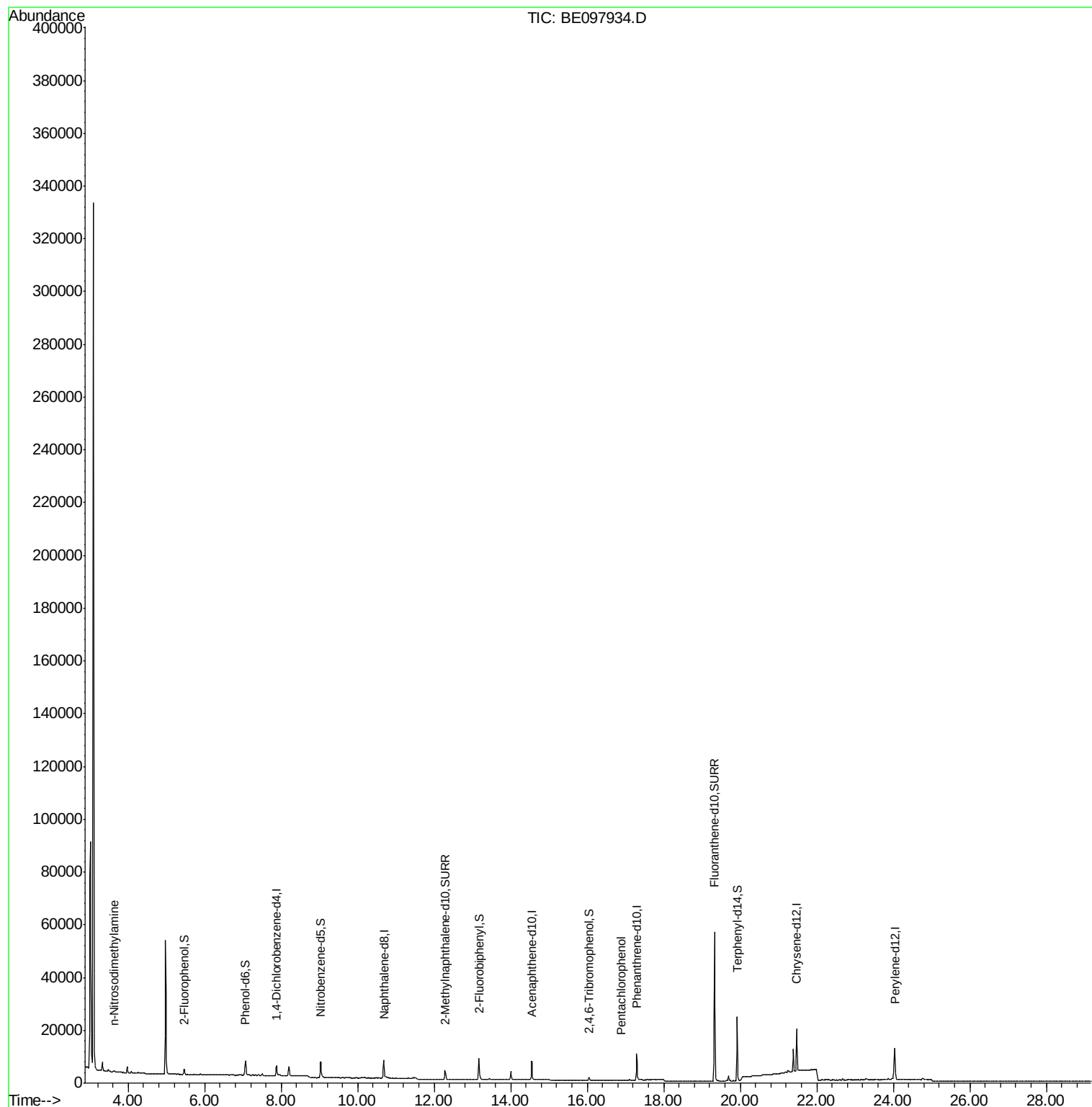
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1910	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8145	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5023	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	13610	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	17208	0.40	ng	-0.01
34) Perylene-d12	24.03	264	18096	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1099	0.18	ng	0.00
5) Phenol-d6	7.05	99	880	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	2987	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	5195	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.05	330	765	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	9392	0.46	ng	0.00
25) Fluoranthene-d10	19.33	212	74978	0.41	ng	0.00
29) Terphenyl-d14	19.92	244	20671	0.52	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.62	42	124	0.033	ng	# 1
22) Pentachlorophenol	16.90	266	7	0.034	ng	# 59
32) Bis(2-ethylhexyl)phthalate	21.39	149	10751	Below Cal		99
33) Indeno(1,2,3-cd)pyrene	26.71	276	11	Below Cal	#	67

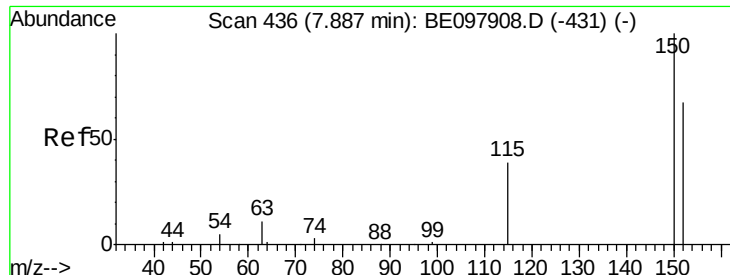
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

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ClientSampleId :

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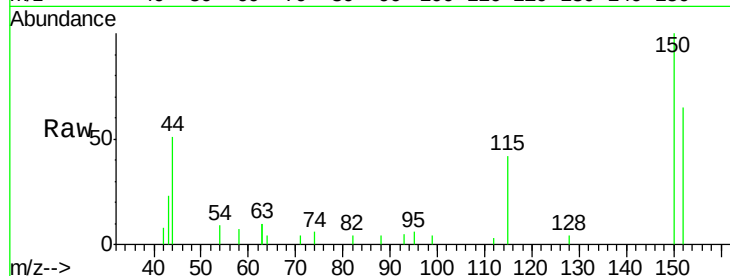
Tgt Ion:152 Resp: 1910

Ion Ratio Lower Upper

152 100

150 154.0 118.2 177.4

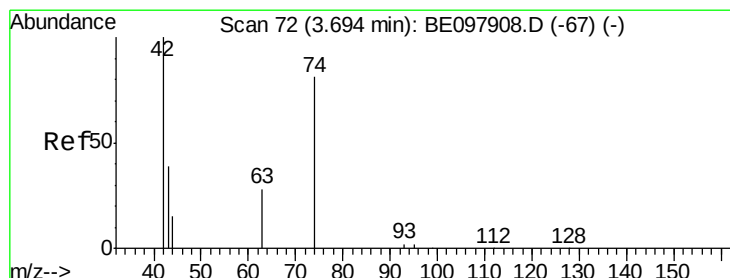
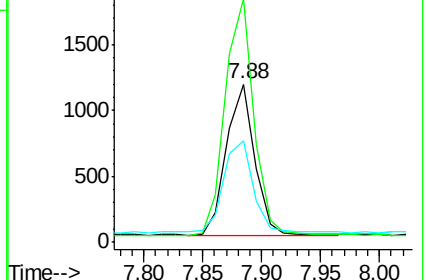
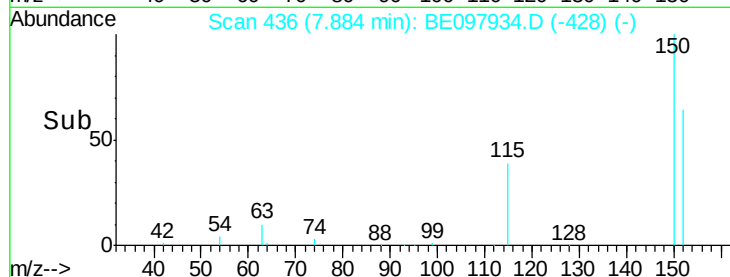
115 64.4 50.9 76.3



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



#3

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.07 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

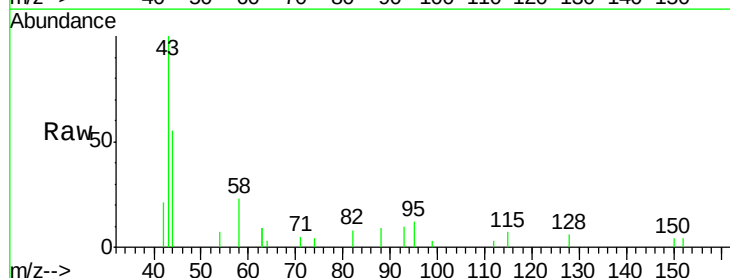
Tgt Ion: 42 Resp: 124

Ion Ratio Lower Upper

42 100

74 0.0 77.6 116.4#

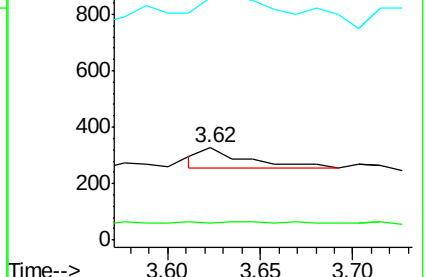
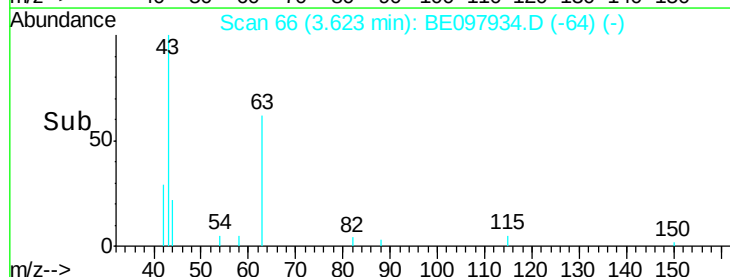
44 321.0 7.6 11.4#

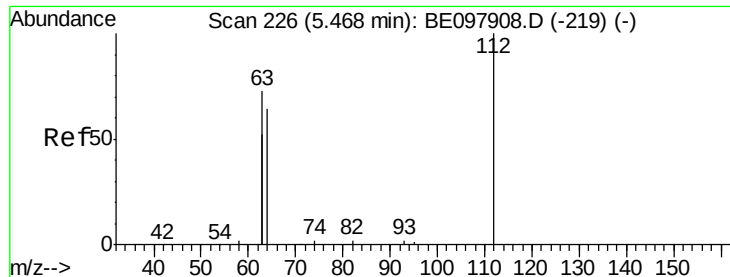


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.182 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

Instrument :

BNA_E

ClientSampleId :

RE-122D3-IMP-20181004

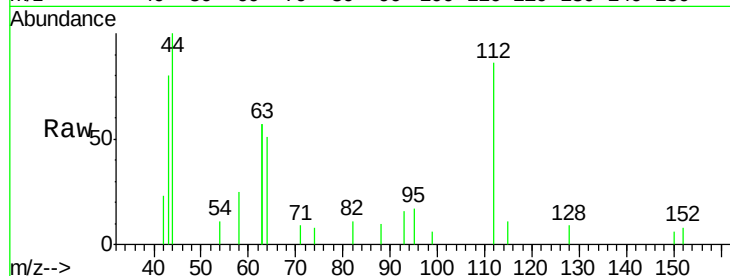
Tgt Ion: 112 Resp: 1099

Ion Ratio Lower Upper

112 100

64 73.4 58.9 88.3

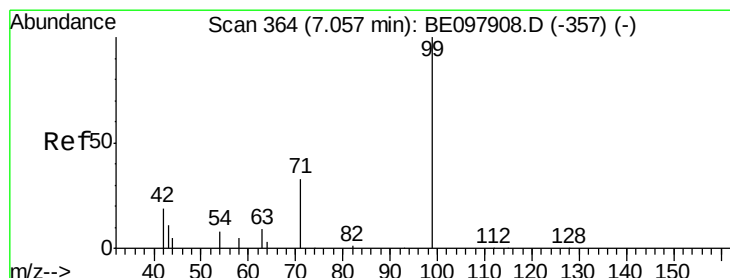
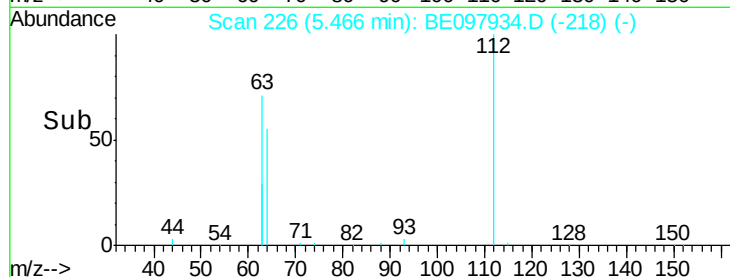
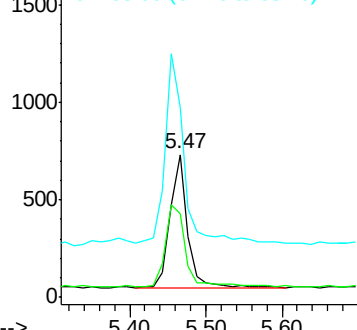
63 155.0 120.3 180.5



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: 0.099 ng

RT: 7.05 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

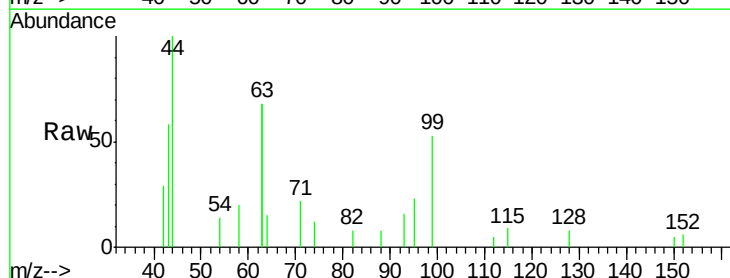
Tgt Ion: 99 Resp: 880

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

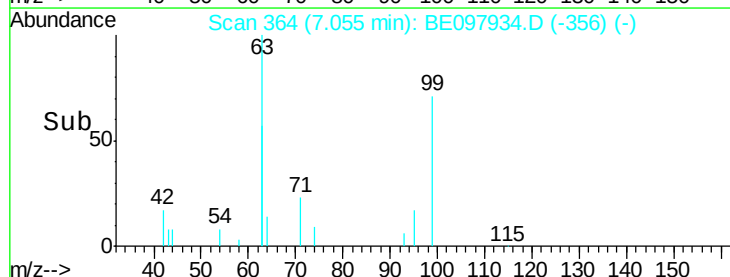
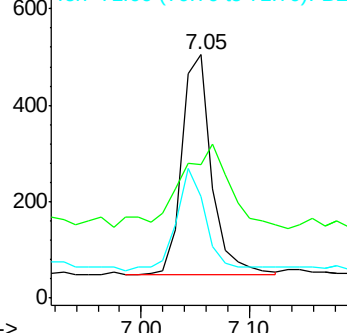
71 46.1 27.8 41.8#

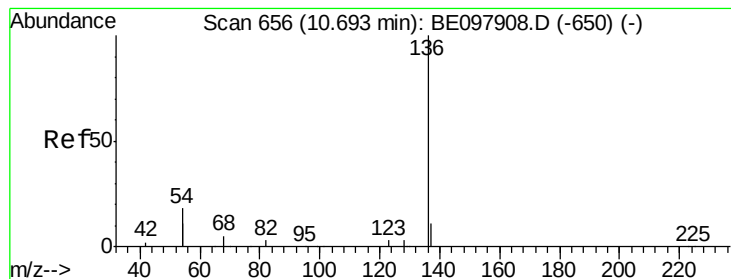


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

Instrument :

BNA_E

ClientSampleId :

RE-122D3-IMP-20181004

Tgt Ion: 136 Resp: 8145

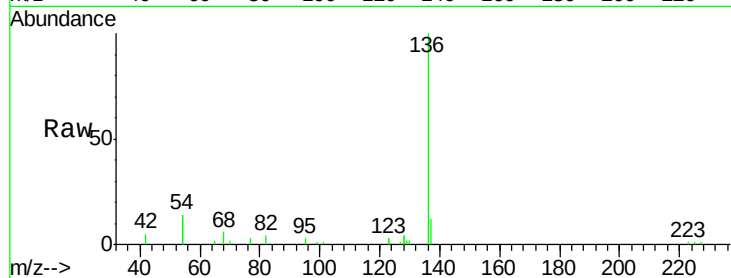
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 28.4 27.7 41.5

68 6.1 5.3 7.9

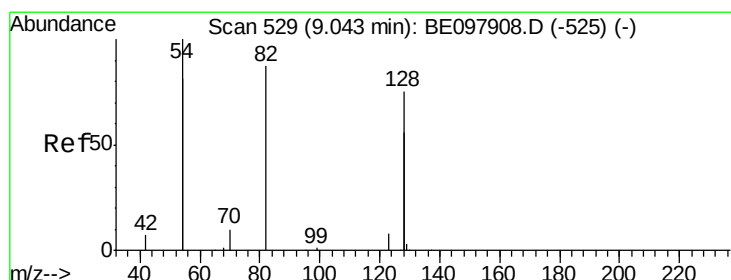
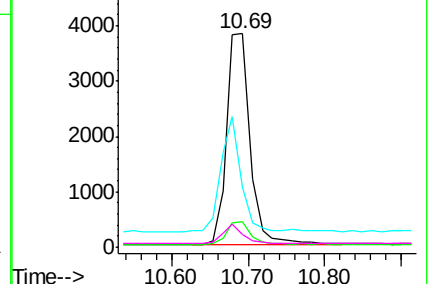
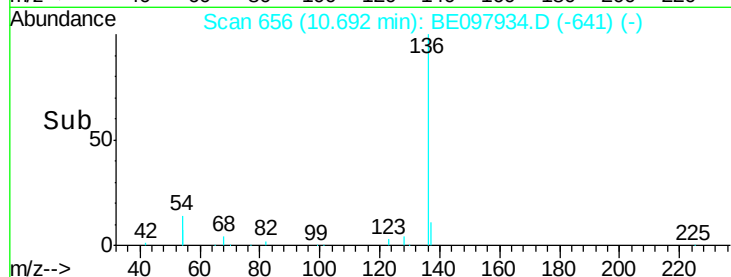


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

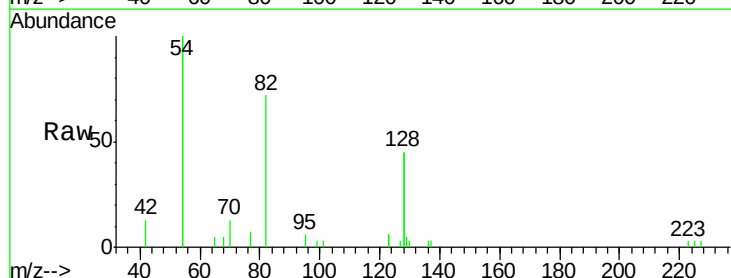
Tgt Ion: 82 Resp: 2987

Ion Ratio Lower Upper

82 100

128 124.8 129.9 194.9#

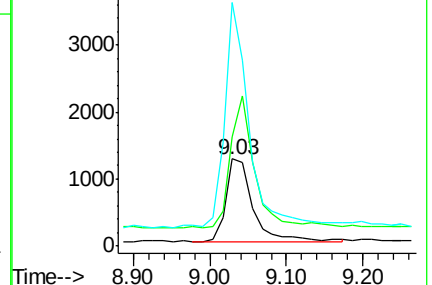
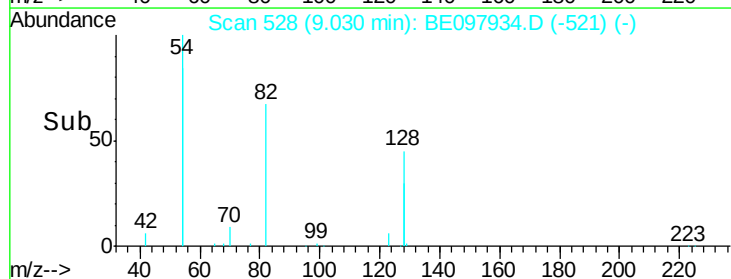
54 279.2 174.0 261.0#

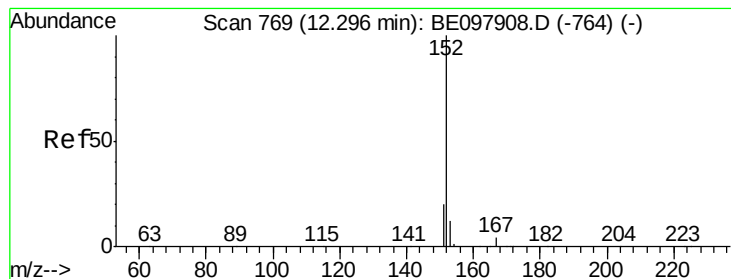


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

Instrument :

BNA_E

ClientSampleId :

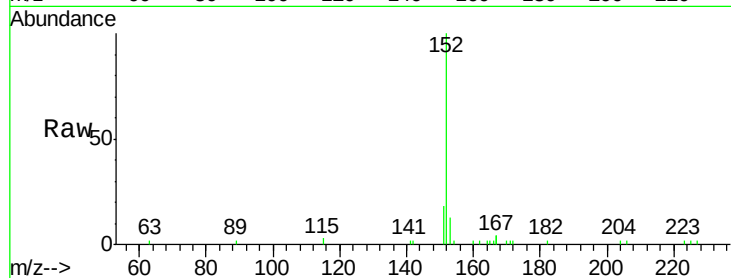
RE-122D3-IMP-20181004

Tgt Ion:152 Resp: 5195

Ion Ratio Lower Upper

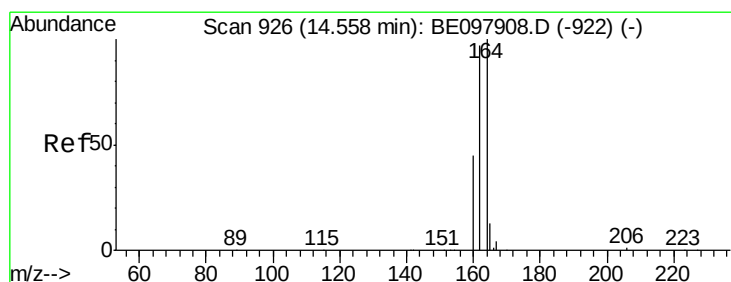
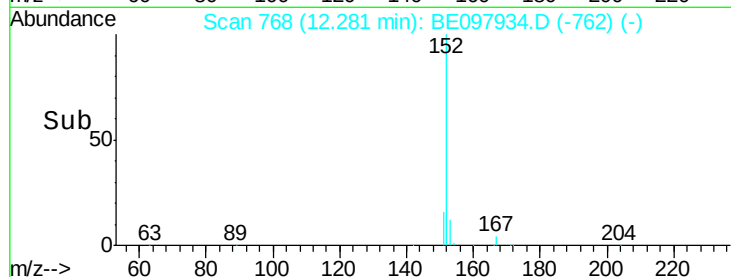
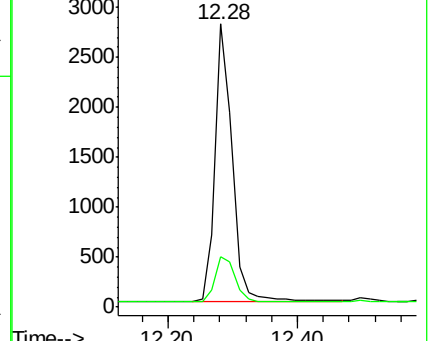
152 100

151 19.2 16.2 24.4



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: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

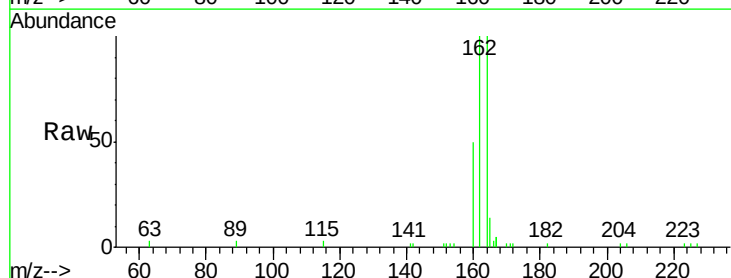
Tgt Ion:164 Resp: 5023

Ion Ratio Lower Upper

164 100

162 99.8 77.4 116.2

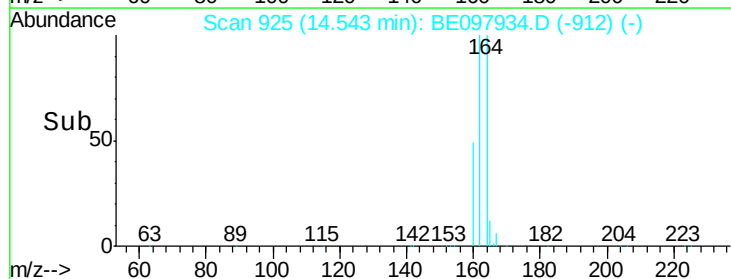
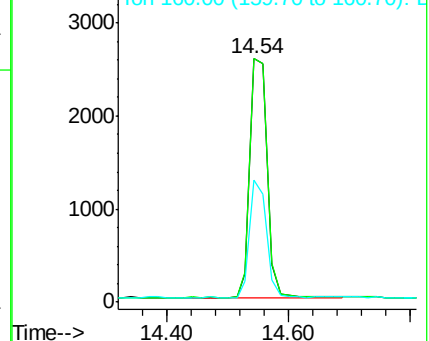
160 50.1 36.5 54.7

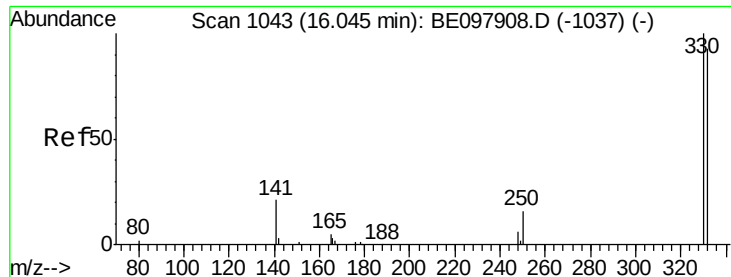


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

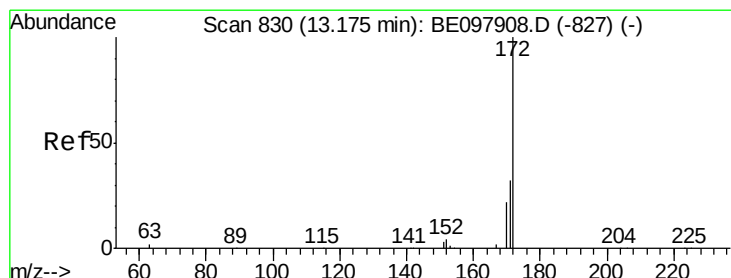
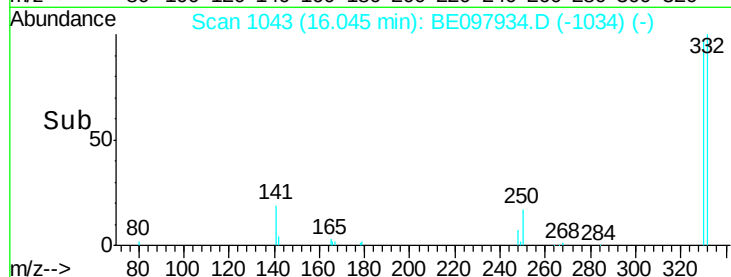
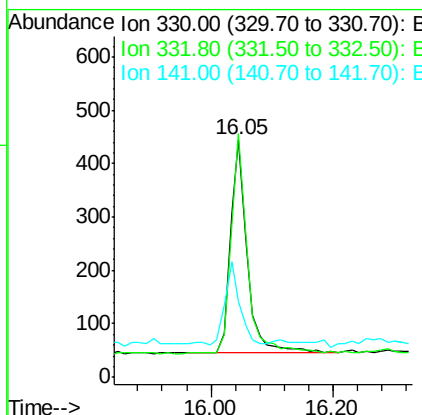
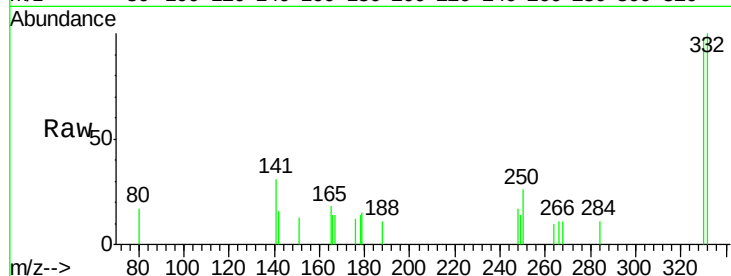




#14
 2,4,6-Tribromophenol
 Concen: 0.283 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097934.D
 Acq: 17 Oct 2018 6:36

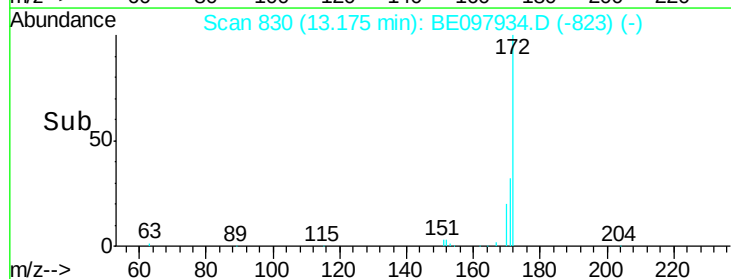
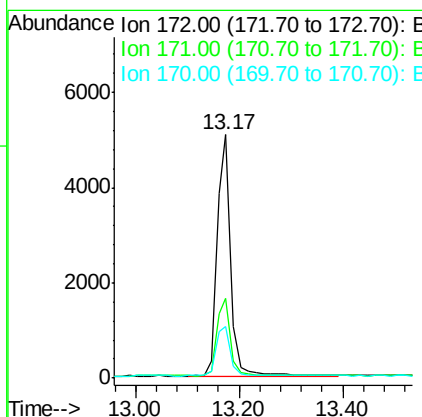
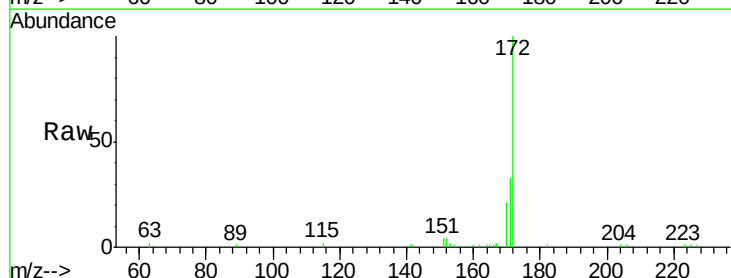
Instrument :
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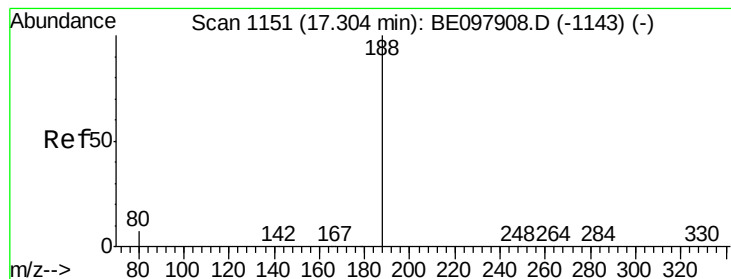
Tgt Ion: 330 Resp: 765
 Ion Ratio Lower Upper
 330 100
 332 100.1 76.5 114.7
 141 32.9 31.8 47.6



#15
 2-Fluorobiphenyl
 Concen: 0.458 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097934.D
 Acq: 17 Oct 2018 6:36

Tgt Ion: 172 Resp: 9392
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.0 39.0
 170 21.2 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

Instrument :

BNA_E

ClientSampleId :

RE-122D3-IMP-20181004

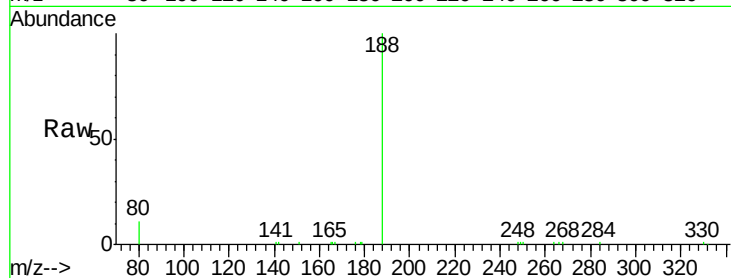
Tgt Ion:188 Resp: 13610

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

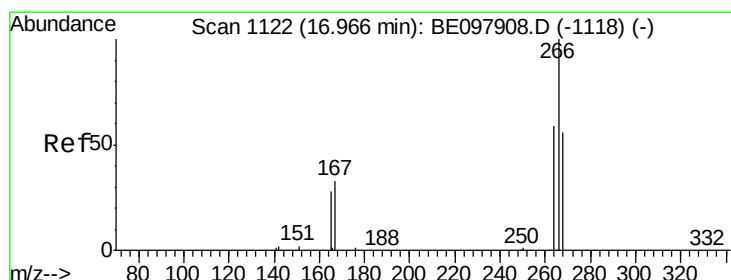
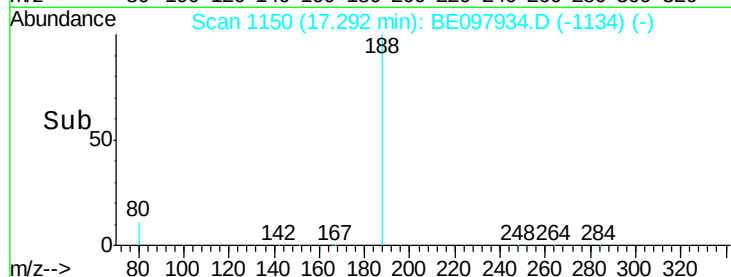
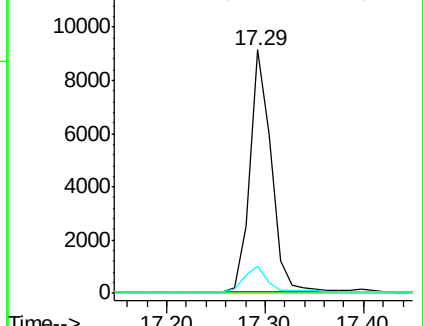
80 11.4 6.3 9.5#



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: 0.034 ng

RT: 16.90 min Scan# 1116

Delta R.T. -0.07 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

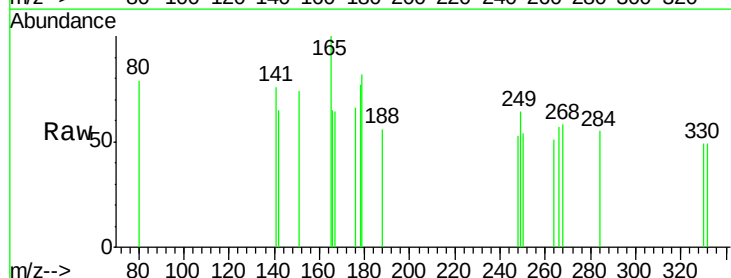
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 88.5 51.3 76.9#

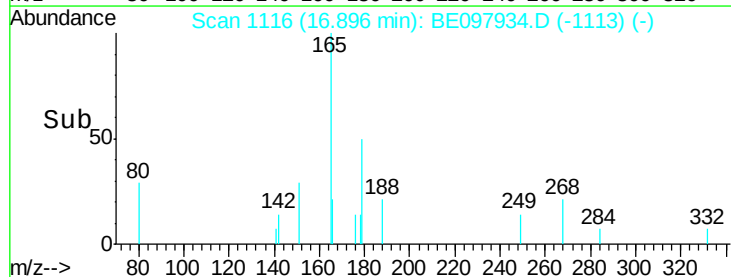
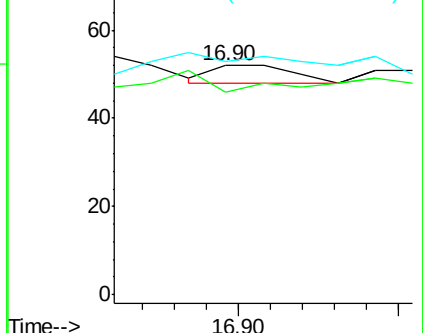
268 101.9 50.1 75.1#

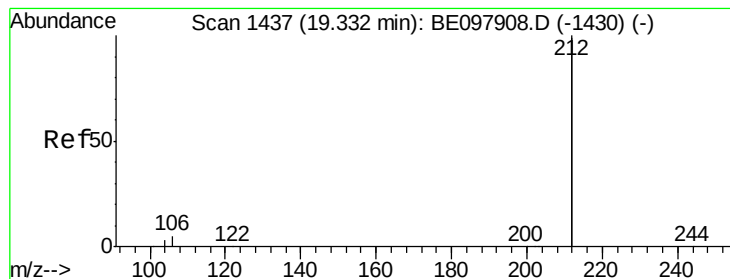


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097934.D

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RE-122D3-IMP-20181004

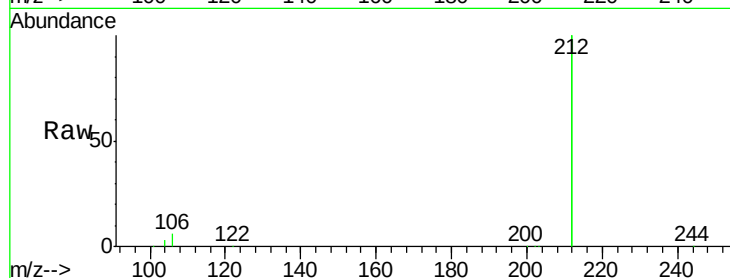
Tgt Ion:212 Resp: 74978

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

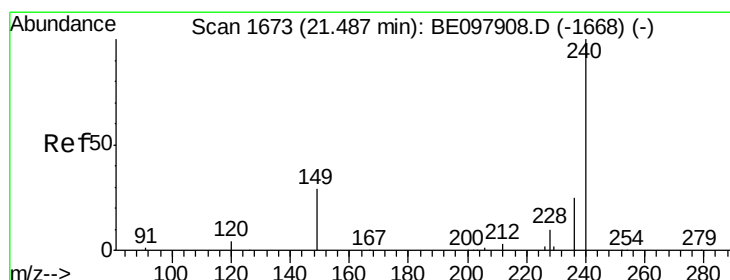
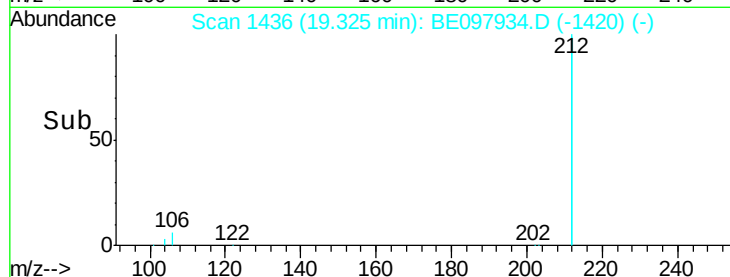
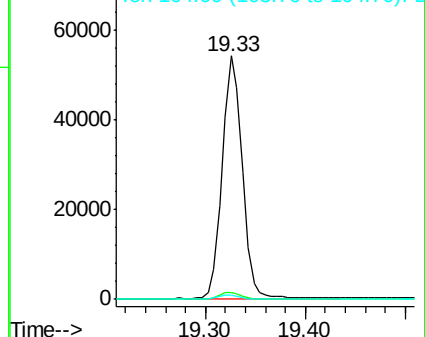
104 1.6 1.3 1.9



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: BE097934.D

Acq: 17 Oct 2018 6:36

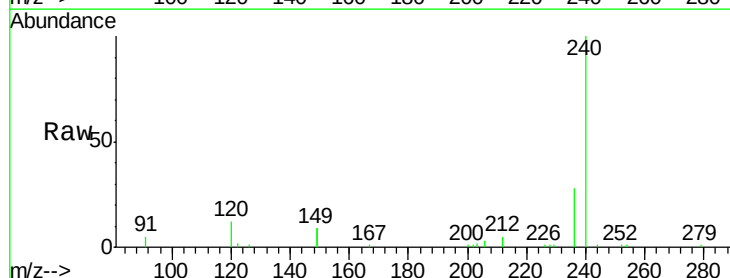
Tgt Ion:240 Resp: 17208

Ion Ratio Lower Upper

240 100

120 11.9 7.1 10.7#

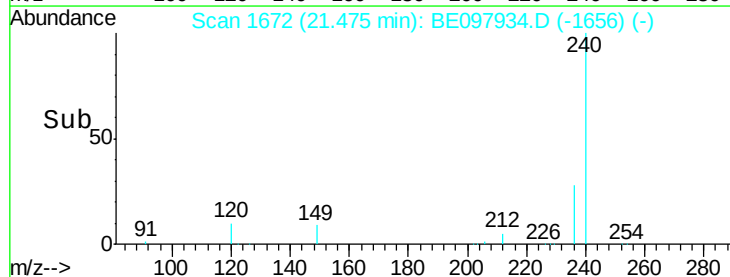
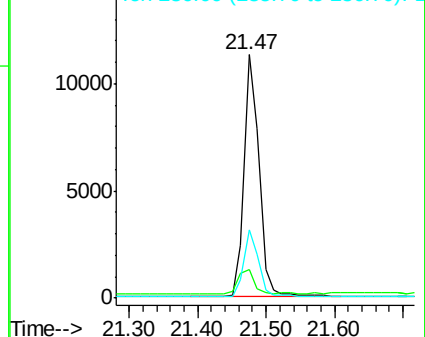
236 28.0 21.3 31.9

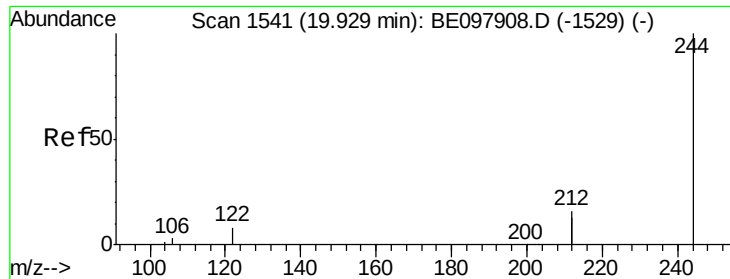


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.524 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

Instrument :

BNA_E

ClientSampleId :

RE-122D3-IMP-20181004

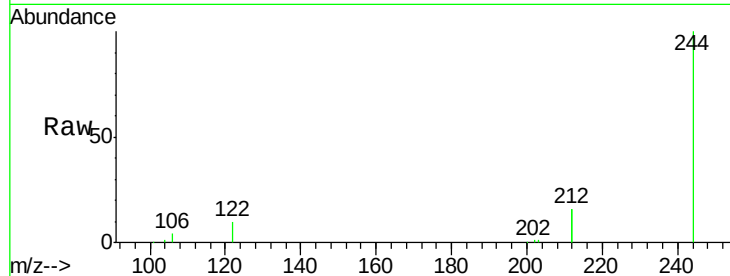
Tgt Ion:244 Resp: 20671

Ion Ratio Lower Upper

244 100

212 31.4 26.2 39.2

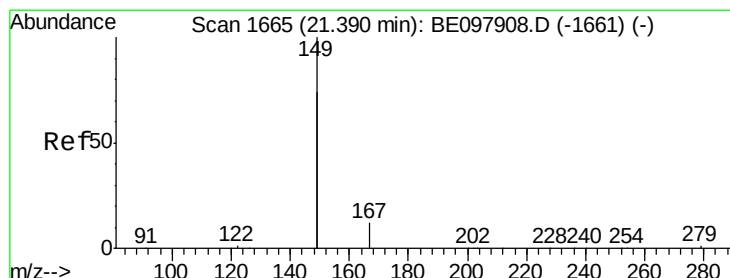
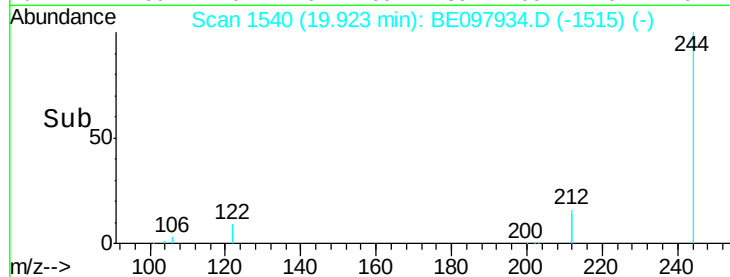
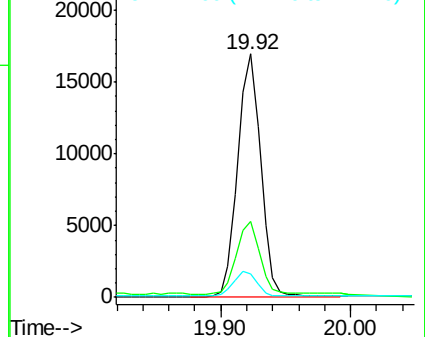
122 9.6 7.7 11.5



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: BE097934.D

Acq: 17 Oct 2018 6:36

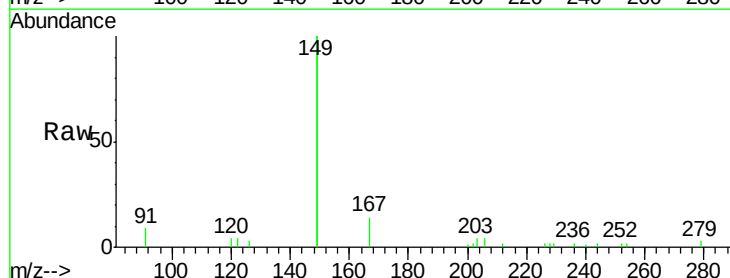
Tgt Ion:149 Resp: 10751

Ion Ratio Lower Upper

149 100

167 6.4 5.6 8.4

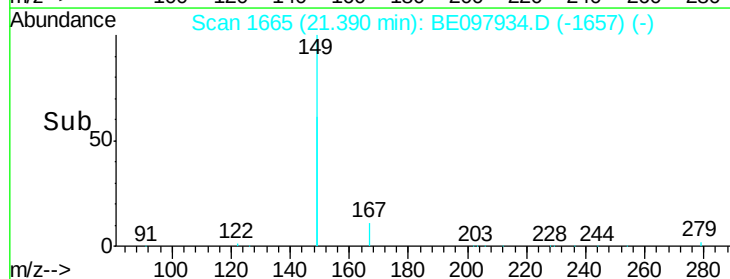
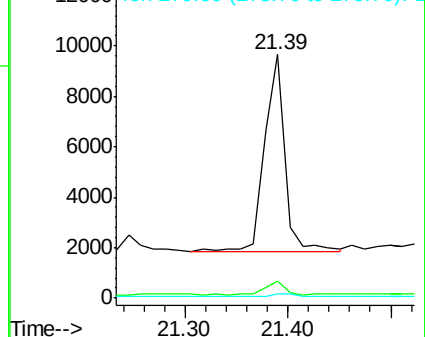
279 1.2 0.9 1.3

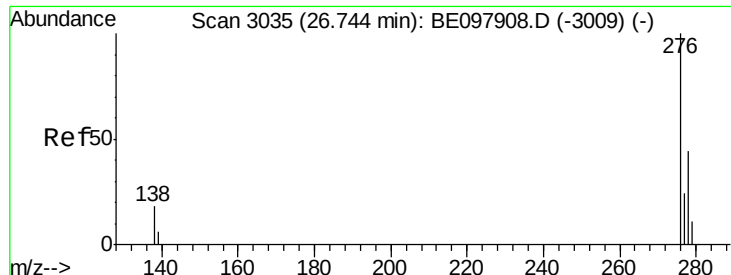


Abundance Ion 149.00 (148.70 to 149.70): E

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: 26.71 min Scan# 3025

Delta R.T. -0.03 min

Lab File: BE097934.D

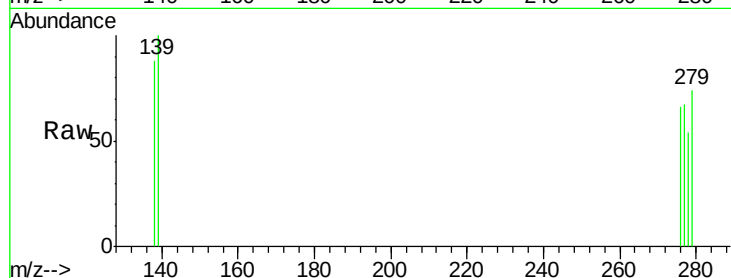
Acq: 17 Oct 2018 6:36

Instrument :

BNA_E

ClientSampleId :

RE-122D3-IMP-20181004



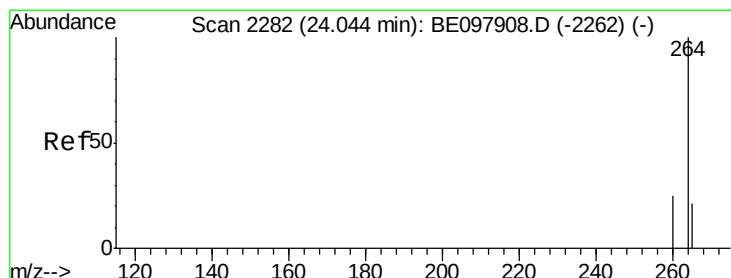
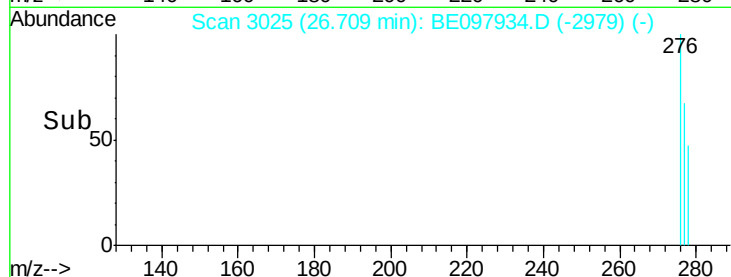
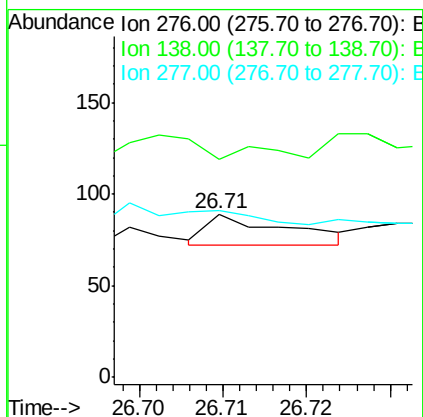
Tgt Ion: 276 Resp: 11

Ion Ratio Lower Upper

276 100

138 27.3 17.0 25.6#

277 0.0 20.5 30.7#



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097934.D

Acq: 17 Oct 2018 6:36

Tgt Ion: 264 Resp: 18096

Ion Ratio Lower Upper

264 100

260 24.9 21.1 31.7

265 27.1 29.2 43.8#

