

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097920.D
 Acq On : 16 Oct 2018 21:18
 Operator : SJ/JU
 Sample : J5393-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-123D3-20181008

Quant Time: Oct 17 07:43:50 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

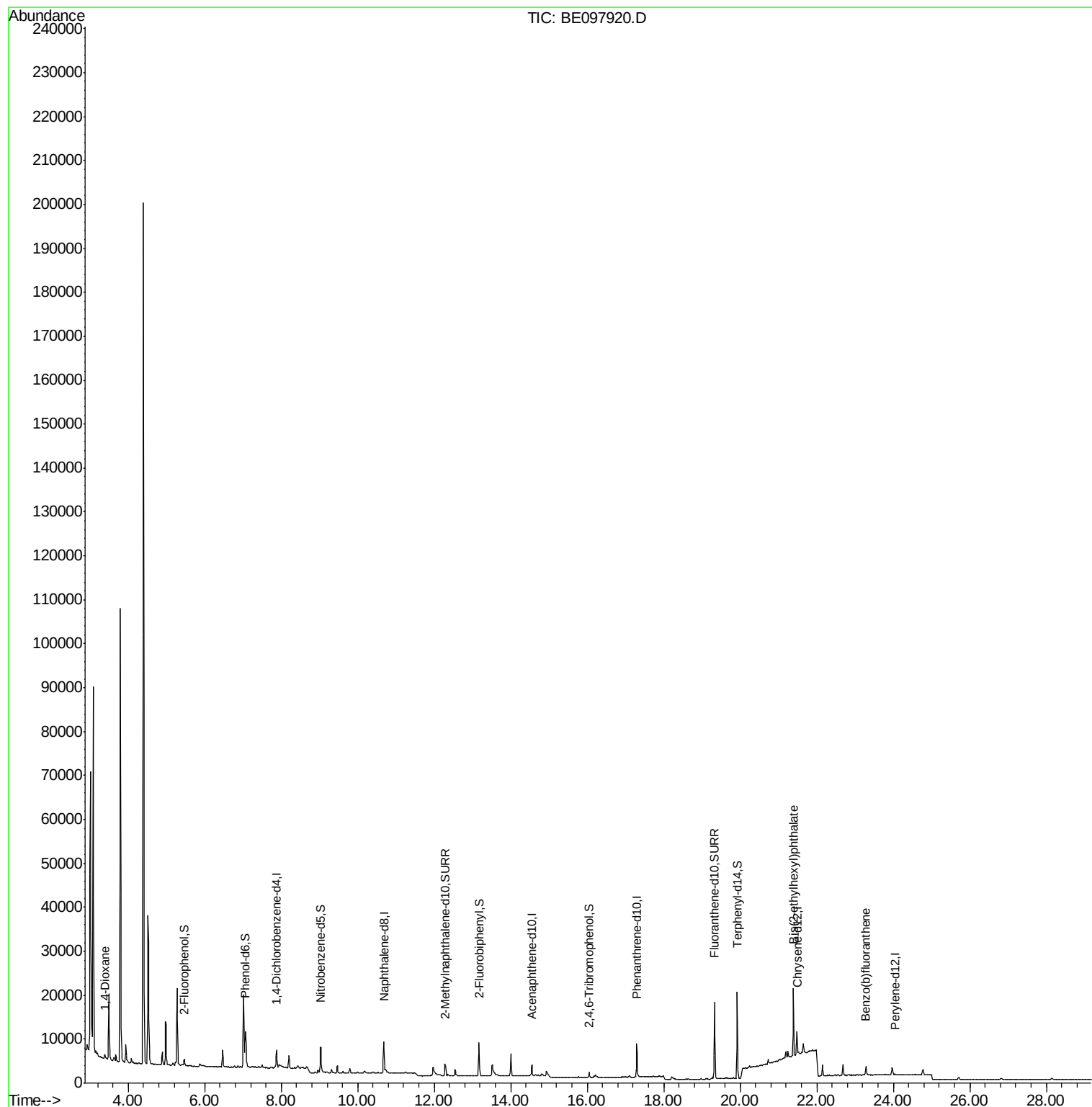
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1876	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	8263	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	1568	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	10133	0.40	ng	-0.01
27) Chrysene-d12	21.49	240	6159	0.40	ng	0.00
34) Perylene-d12	24.05	264	5	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	711	0.12	ng	0.00
5) Phenol-d6	7.06	99	350	0.04	ng	0.00
8) Nitrobenzene-d5	9.03	82	2619	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	3758	0.27	ng	-0.01
14) 2,4,6-Tribromophenol	16.05	330	878	1.04	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	7657	1.19	ng	0.00
25) Fluoranthene-d10	19.33	212	22855	0.17	ng	0.00
29) Terphenyl-d14	19.92	244	15711	1.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	878	0.268	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.39	149	16604	0.369	ng	# 99
35) Benzo(b)fluoranthene	23.29	252	343	23.839	ng	# 1

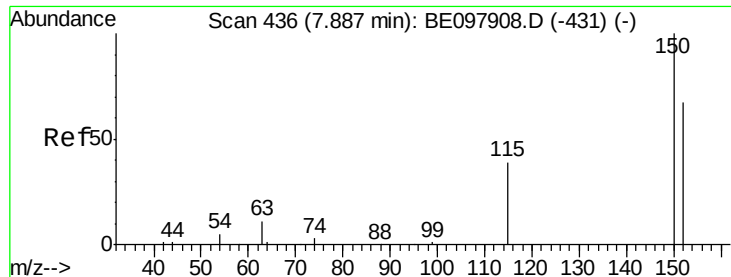
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

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BNA_E

ClientSampleId :

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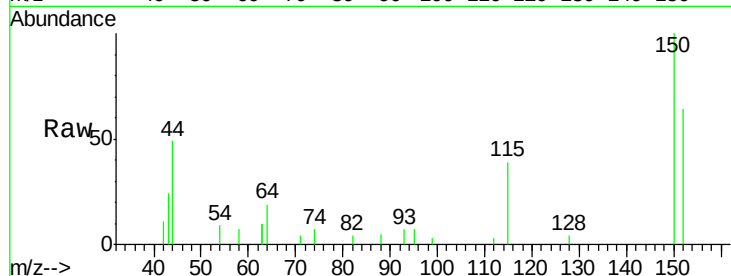
Tgt Ion:152 Resp: 1876

Ion Ratio Lower Upper

152 100

150 155.8 118.2 177.4

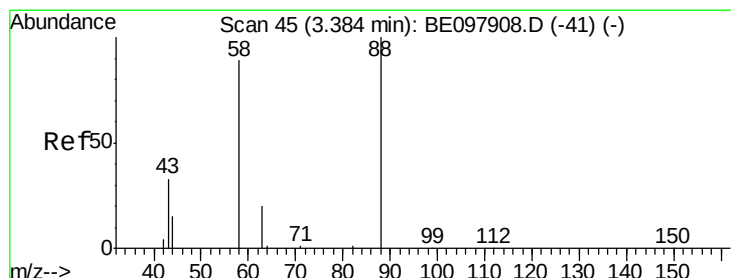
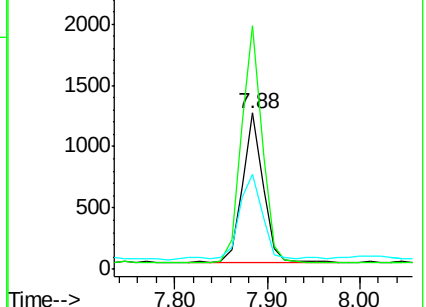
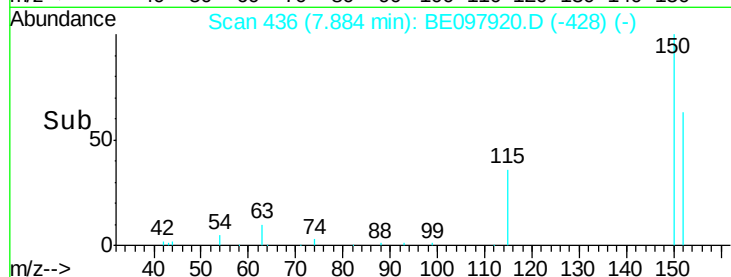
115 61.0 50.9 76.3



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: 0.268 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

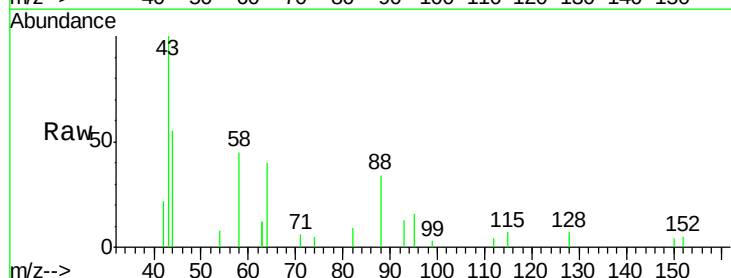
Tgt Ion: 88 Resp: 878

Ion Ratio Lower Upper

88 100

58 92.1 73.2 109.8

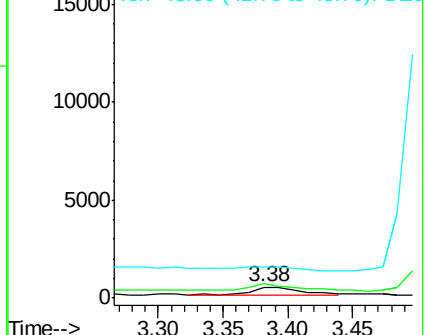
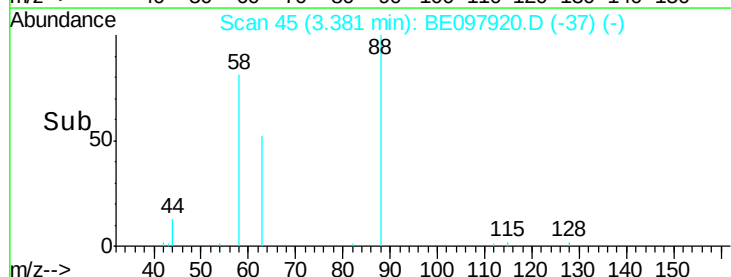
43 70.8 36.9 55.3#

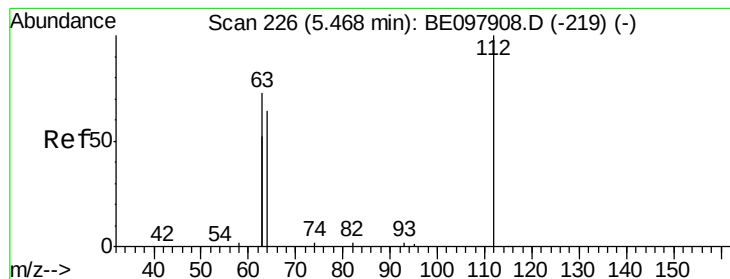


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.120 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

Instrument :

BNA_E

ClientSampleId :

RE-123D3-20181008

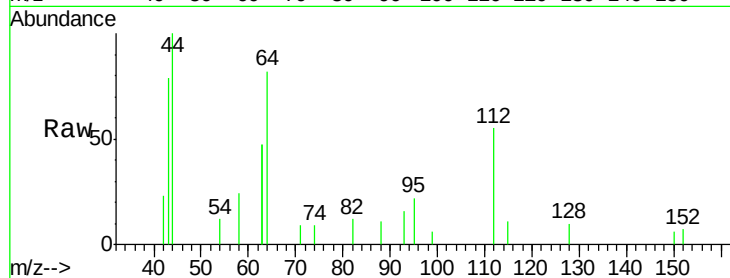
Tgt Ion: 112 Resp: 711

Ion Ratio Lower Upper

112 100

64 84.4 58.9 88.3

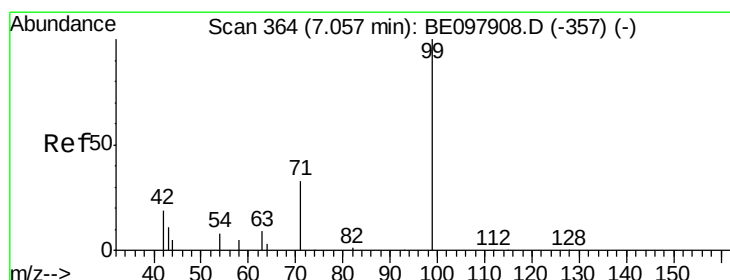
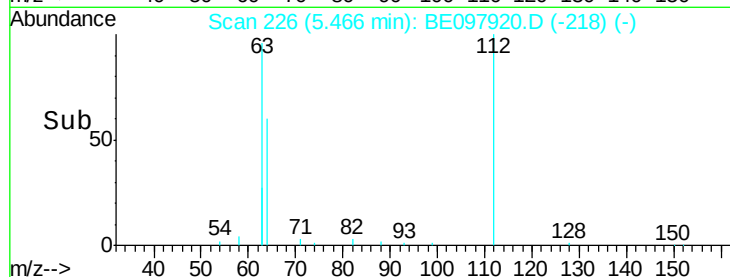
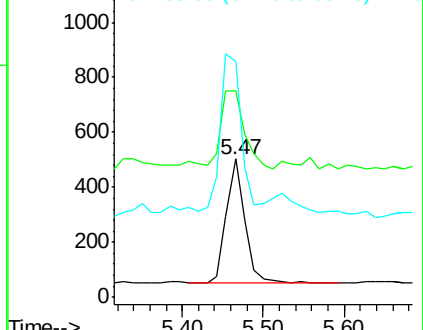
63 146.4 120.3 180.5



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: 0.040 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

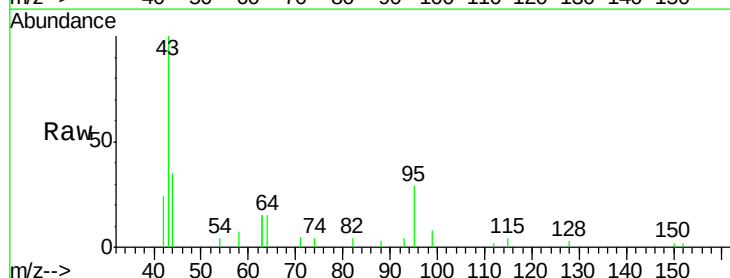
Tgt Ion: 99 Resp: 350

Ion Ratio Lower Upper

99 100

42 473.4 19.9 29.9#

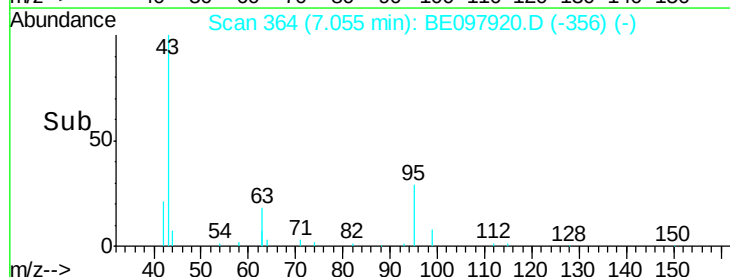
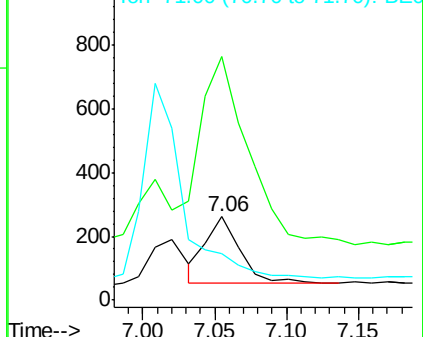
71 0.0 27.8 41.8#

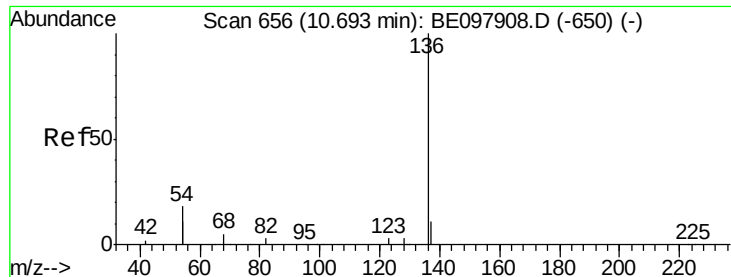


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097920.D

Acq: 16 Oct 2018 21:18

Instrument :

BNA_E

ClientSampleId :

RE-123D3-20181008

Tgt Ion:136 Resp: 8263

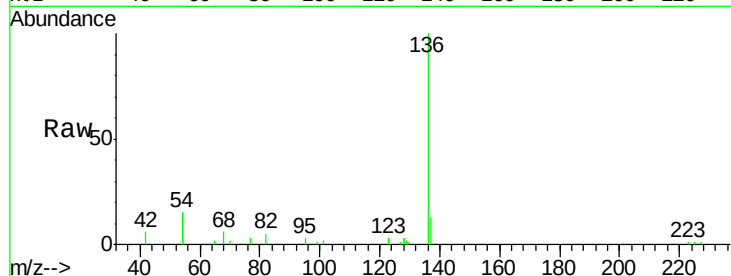
Ion Ratio Lower Upper

136 100

137 13.1 9.6 14.4

54 30.3 27.7 41.5

68 6.4 5.3 7.9

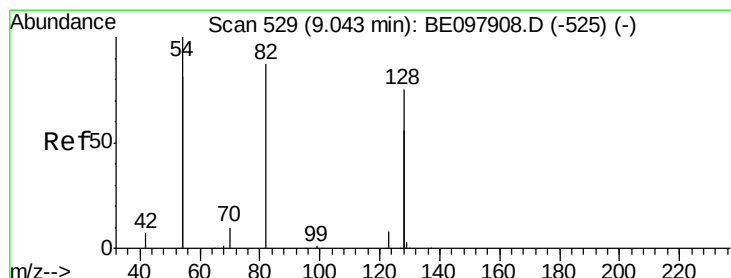
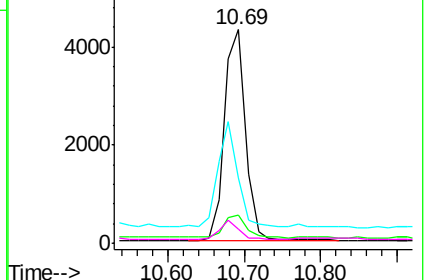
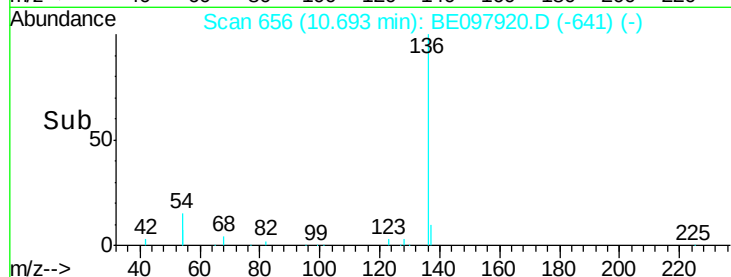


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

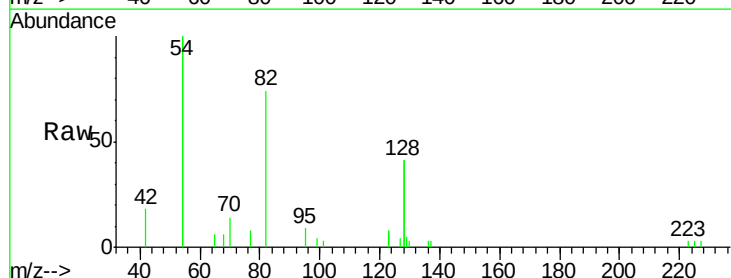
Tgt Ion: 82 Resp: 2619

Ion Ratio Lower Upper

82 100

128 110.1 129.9 194.9#

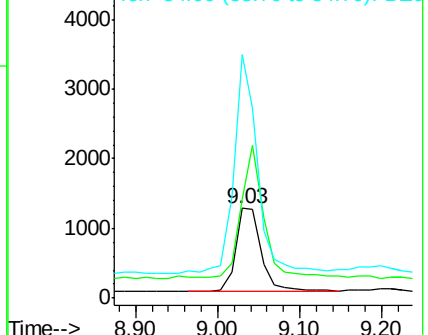
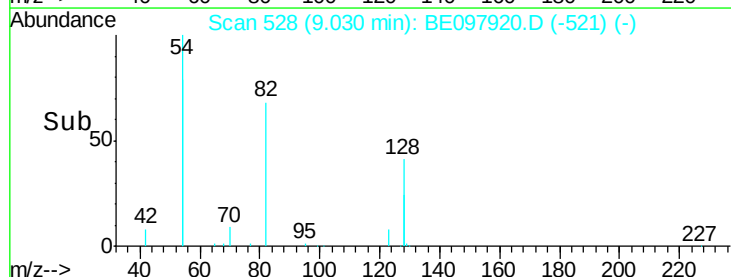
54 270.9 174.0 261.0#

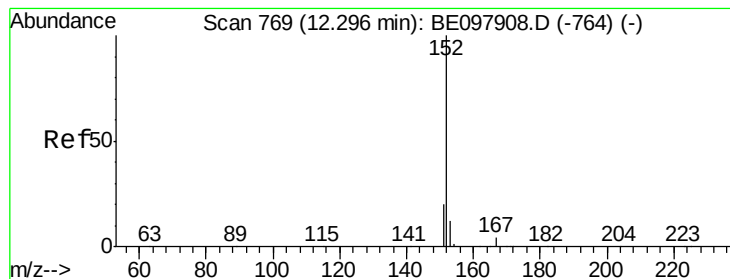


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.273 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

Instrument :

BNA_E

ClientSampleId :

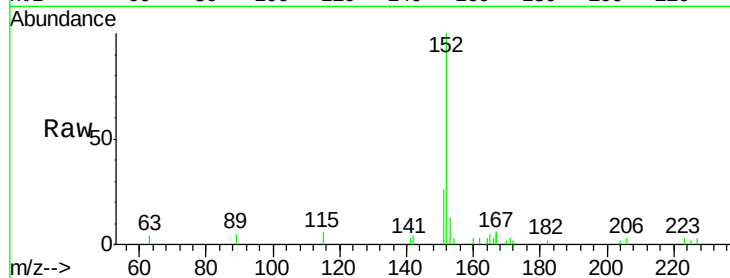
RE-123D3-20181008

Tgt Ion:152 Resp: 3758

Ion Ratio Lower Upper

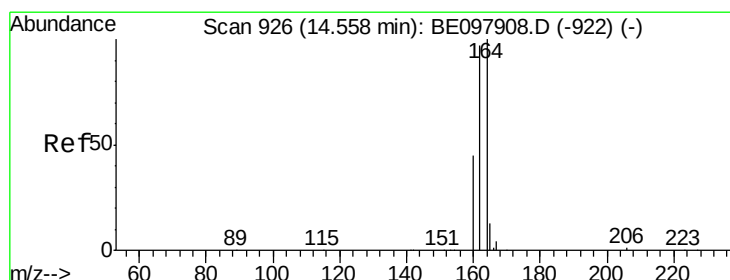
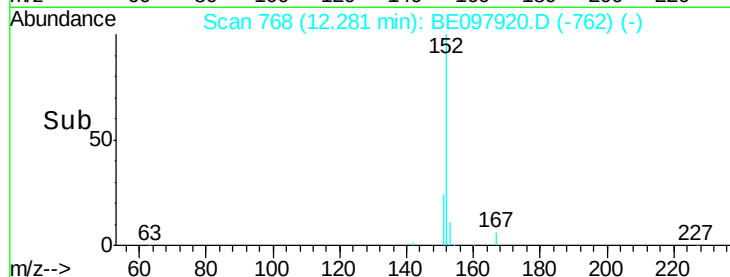
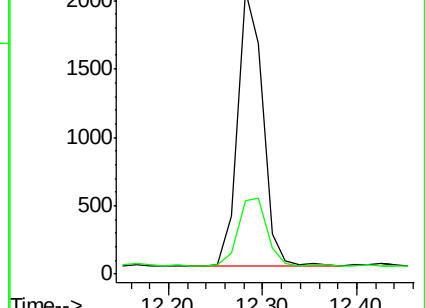
152 100

151 28.4 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: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

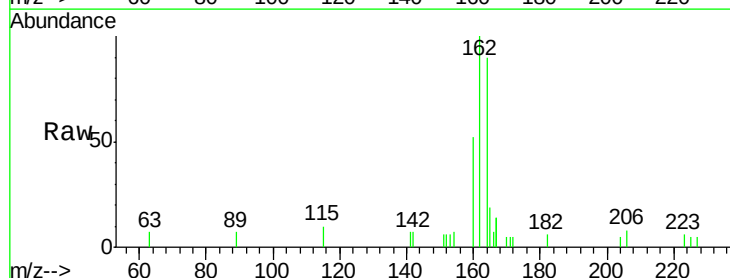
Tgt Ion:164 Resp: 1568

Ion Ratio Lower Upper

164 100

162 111.4 77.4 116.2

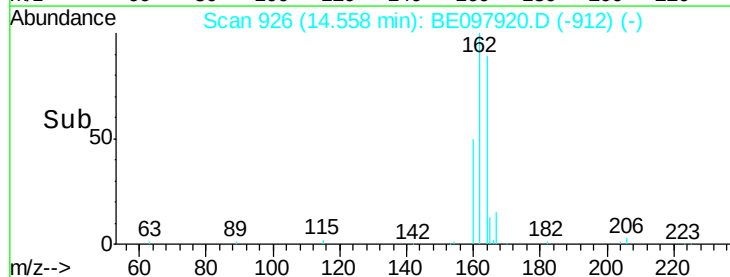
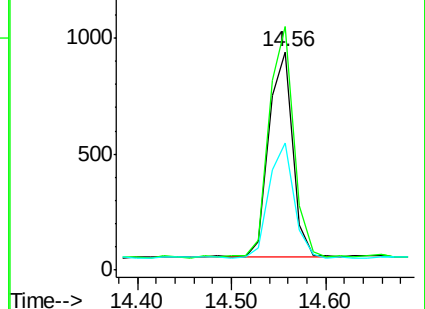
160 58.4 36.5 54.7#

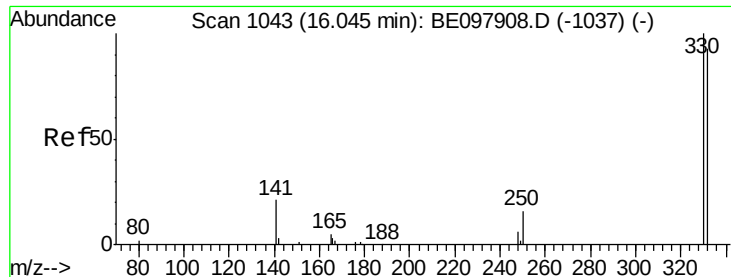


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

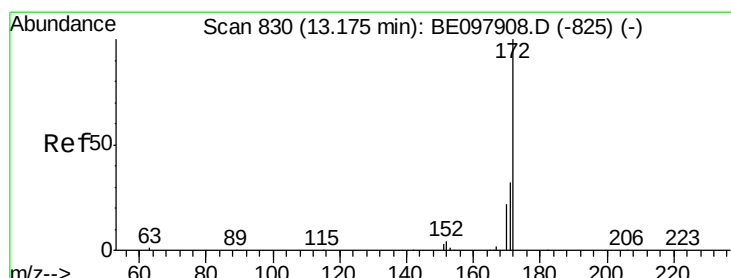
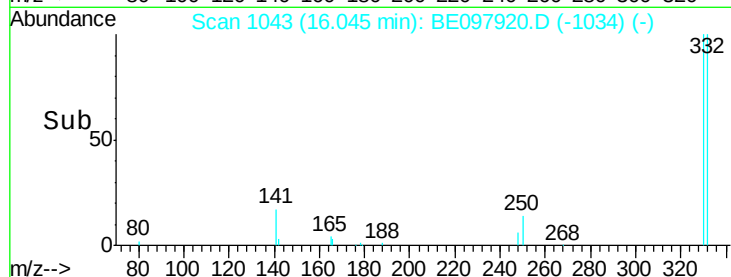
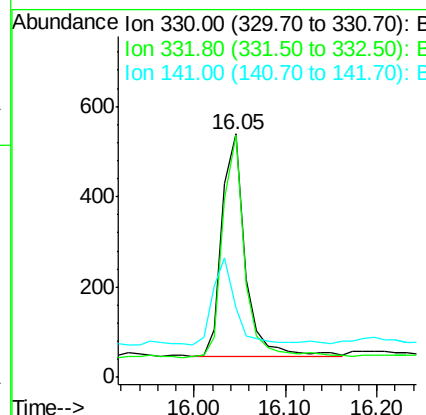
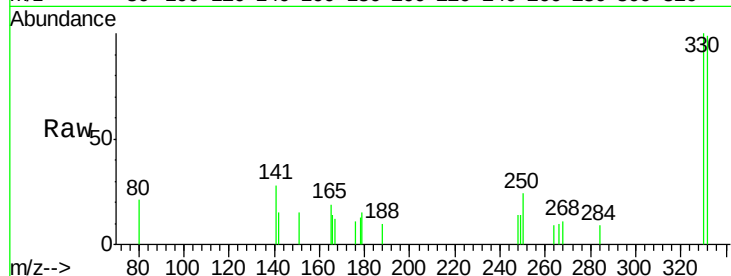




#14
 2,4,6-Tribromophenol
 Concen: 1.041 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097920.D
 Acq: 16 Oct 2018 21:18

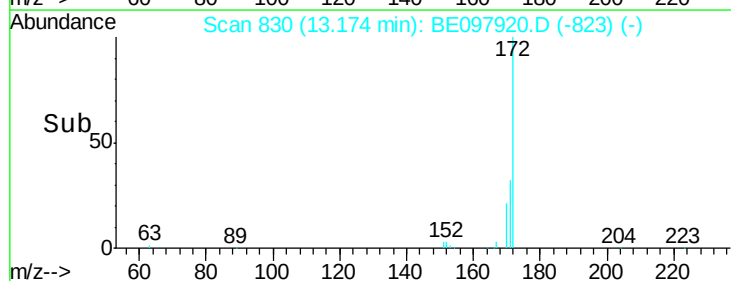
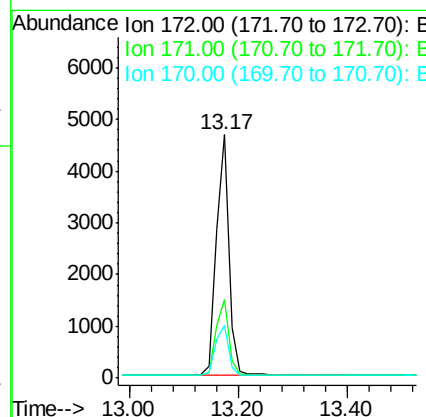
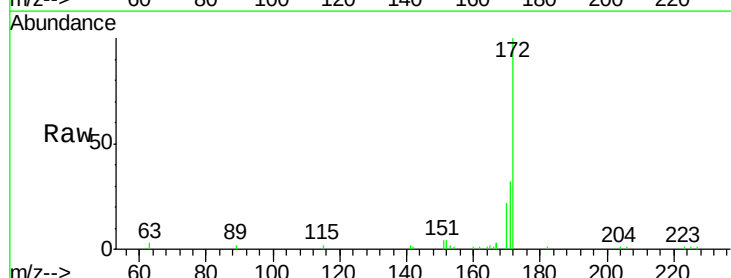
Instrument :
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 RE-123D3-20181008

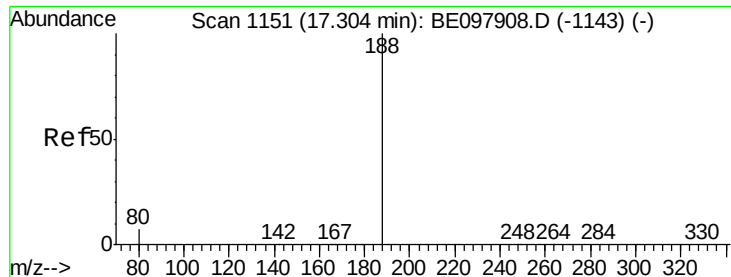
Tgt Ion: 330 Resp: 878
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.5 114.7
 141 36.4 31.8 47.6



#15
 2-Fluorobiphenyl
 Concen: 1.195 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BE097920.D
 Acq: 16 Oct 2018 21:18

Tgt Ion: 172 Resp: 7657
 Ion Ratio Lower Upper
 172 100
 171 32.3 26.0 39.0
 170 21.7 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: BE097920.D

Acq: 16 Oct 2018 21:18

Instrument :

BNA_E

ClientSampleId :

RE-123D3-20181008

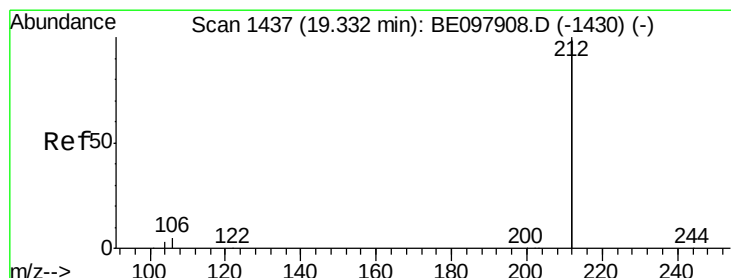
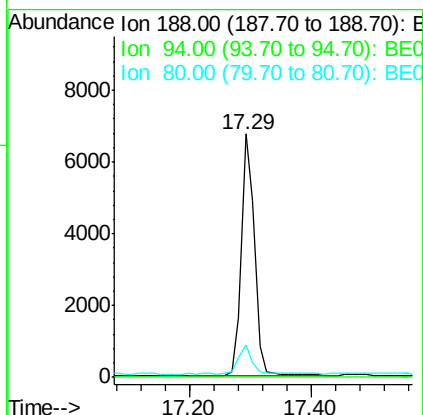
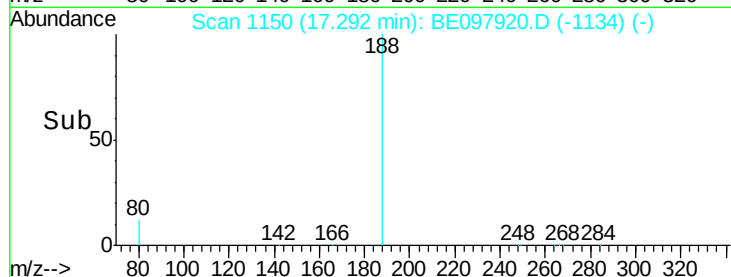
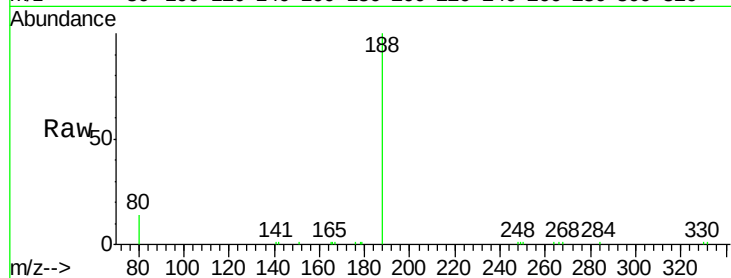
Tgt Ion:188 Resp: 10133

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 6.3 9.5#



#25

Fluoranthene-d10

Concen: 0.166 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

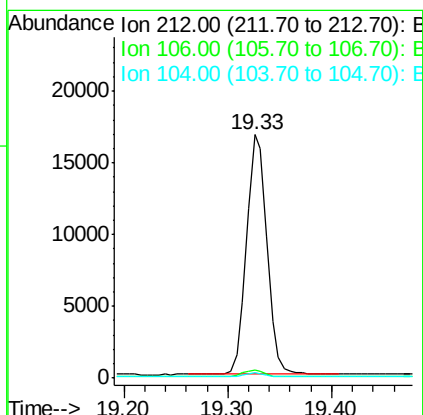
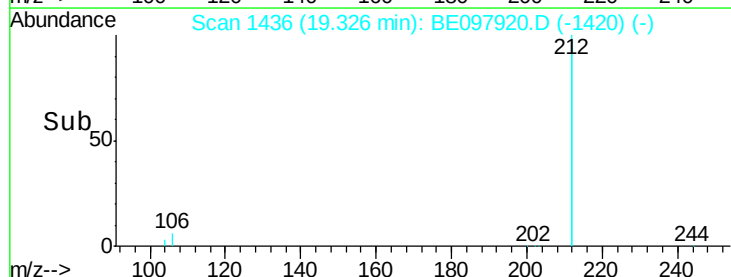
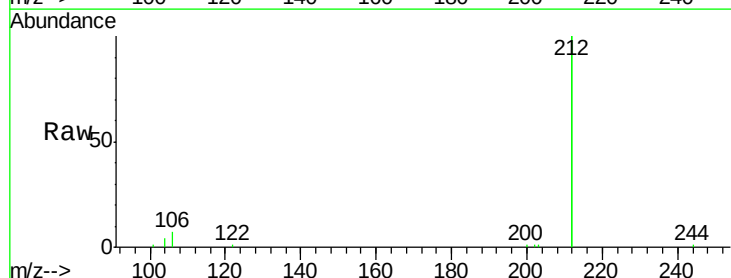
Tgt Ion:212 Resp: 22855

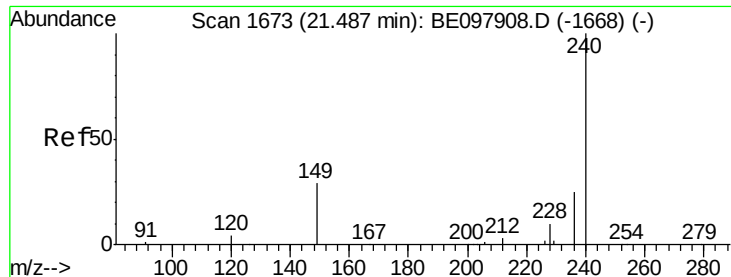
Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

104 1.8 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

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BNA_E

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RE-123D3-20181008

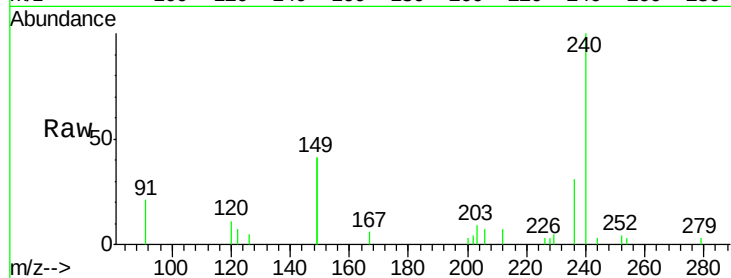
Tgt Ion:240 Resp: 6159

Ion Ratio Lower Upper

240 100

120 11.4 7.1 10.7#

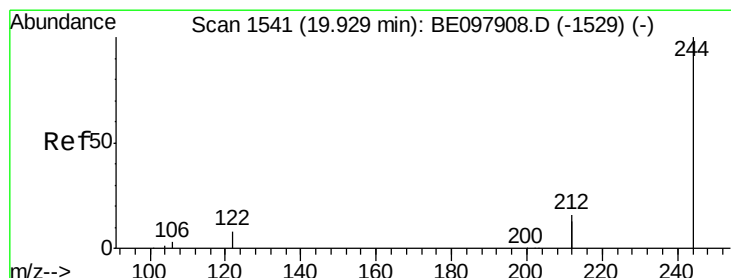
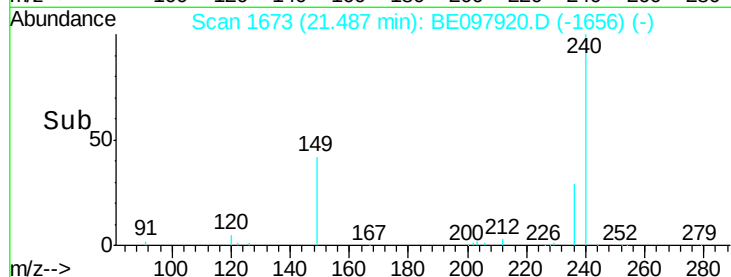
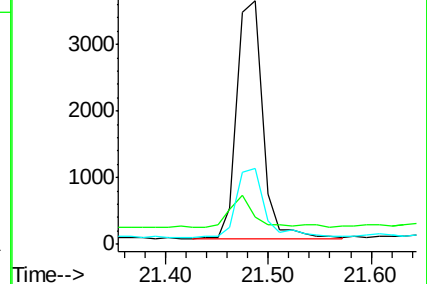
236 31.2 21.3 31.9



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: 1.113 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

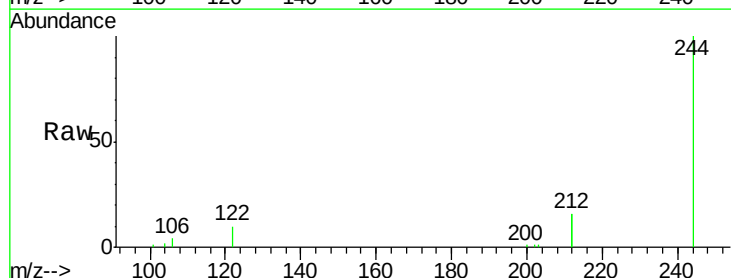
Tgt Ion:244 Resp: 15711

Ion Ratio Lower Upper

244 100

212 32.3 26.2 39.2

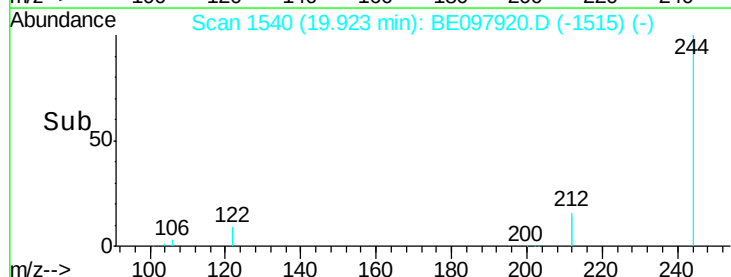
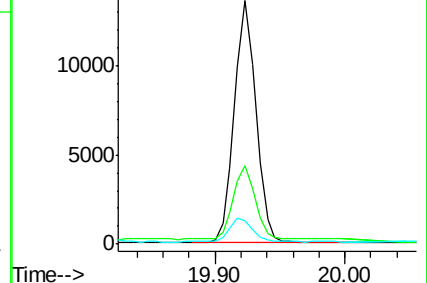
122 9.9 7.7 11.5

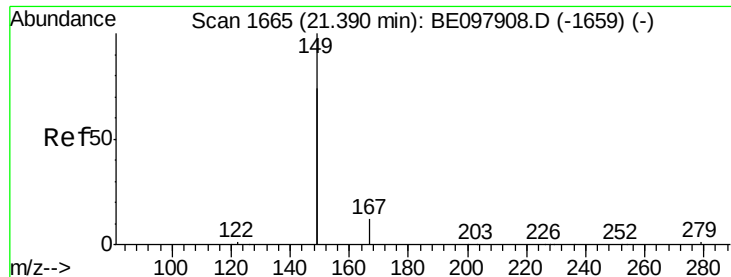


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.369 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

Instrument :

BNA_E

ClientSampleId :

RE-123D3-20181008

Tgt Ion:149 Resp: 16604

Ion Ratio Lower Upper

149 100

167 6.6

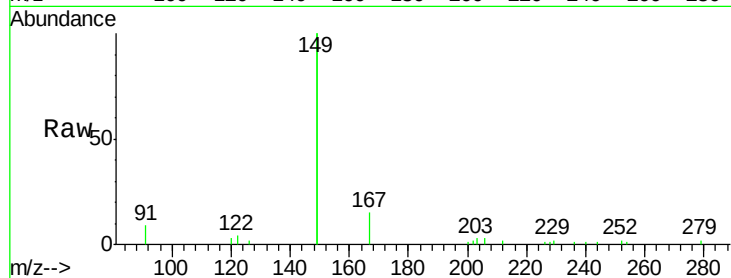
5.6

8.4

279 1.5

0.9

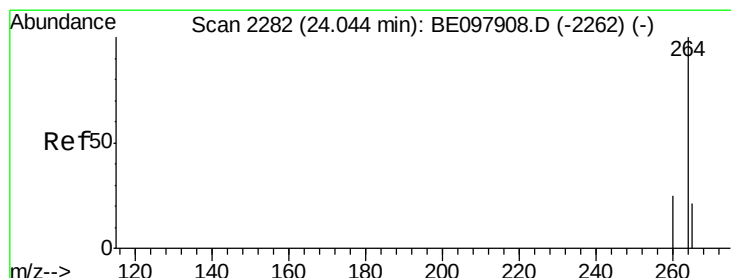
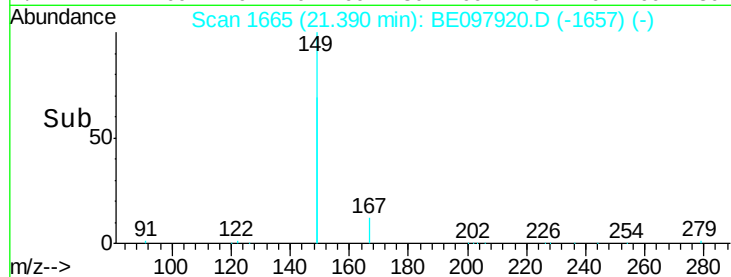
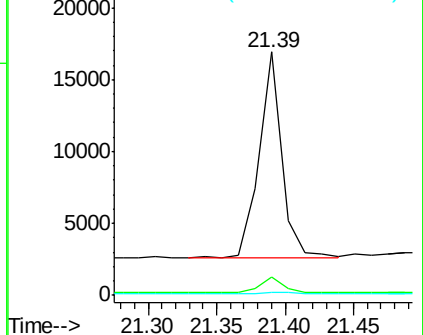
1.3#



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: 24.05 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

Tgt Ion:264 Resp: 5

Ion Ratio Lower Upper

264 100

260 92.0

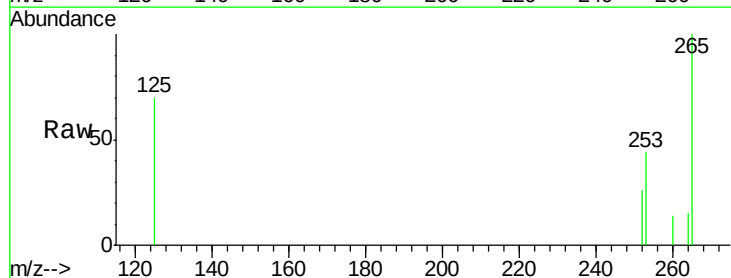
21.1

31.7#

265 645.5

29.2

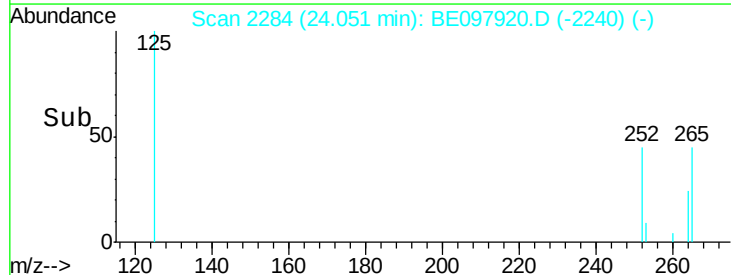
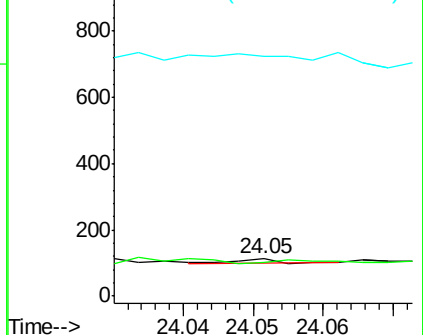
43.8#

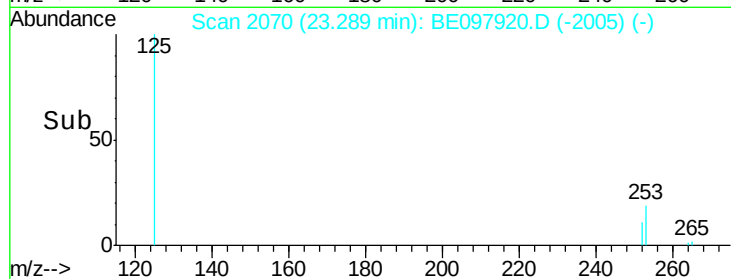
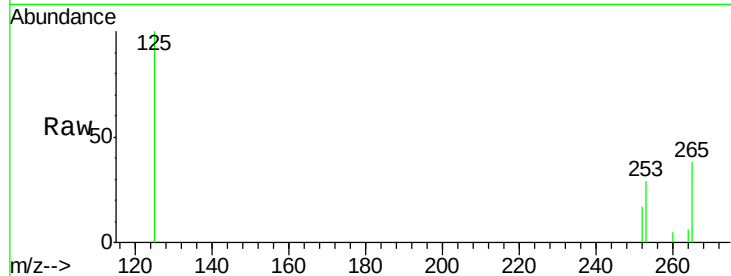
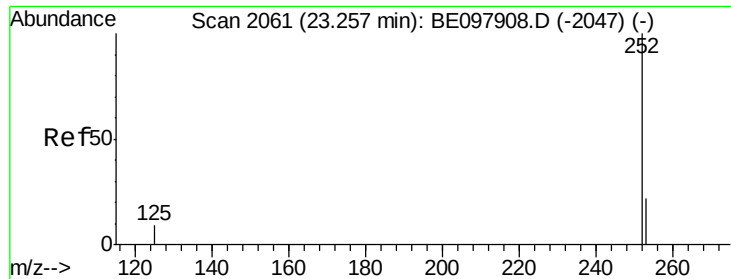


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 23.839 ng

RT: 23.29 min Scan# 2070

Delta R.T. 0.03 min

Lab File: BE097920.D

Acq: 16 Oct 2018 21:18

Instrument :

BNA_E

ClientSampleId :

RE-123D3-20181008

Tgt Ion: 252 Resp: 343

Ion Ratio Lower Upper

252 100

253 171.0 20.6 31.0#

125 580.7 14.3 21.5#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

