

Data File : BE097764.D
Acq On : 5 Oct 2018 20:42
Operator : SJ/JU
Sample : J5284-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
RE-120D3-20181002

Quant Time: Oct 06 04:20:17 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

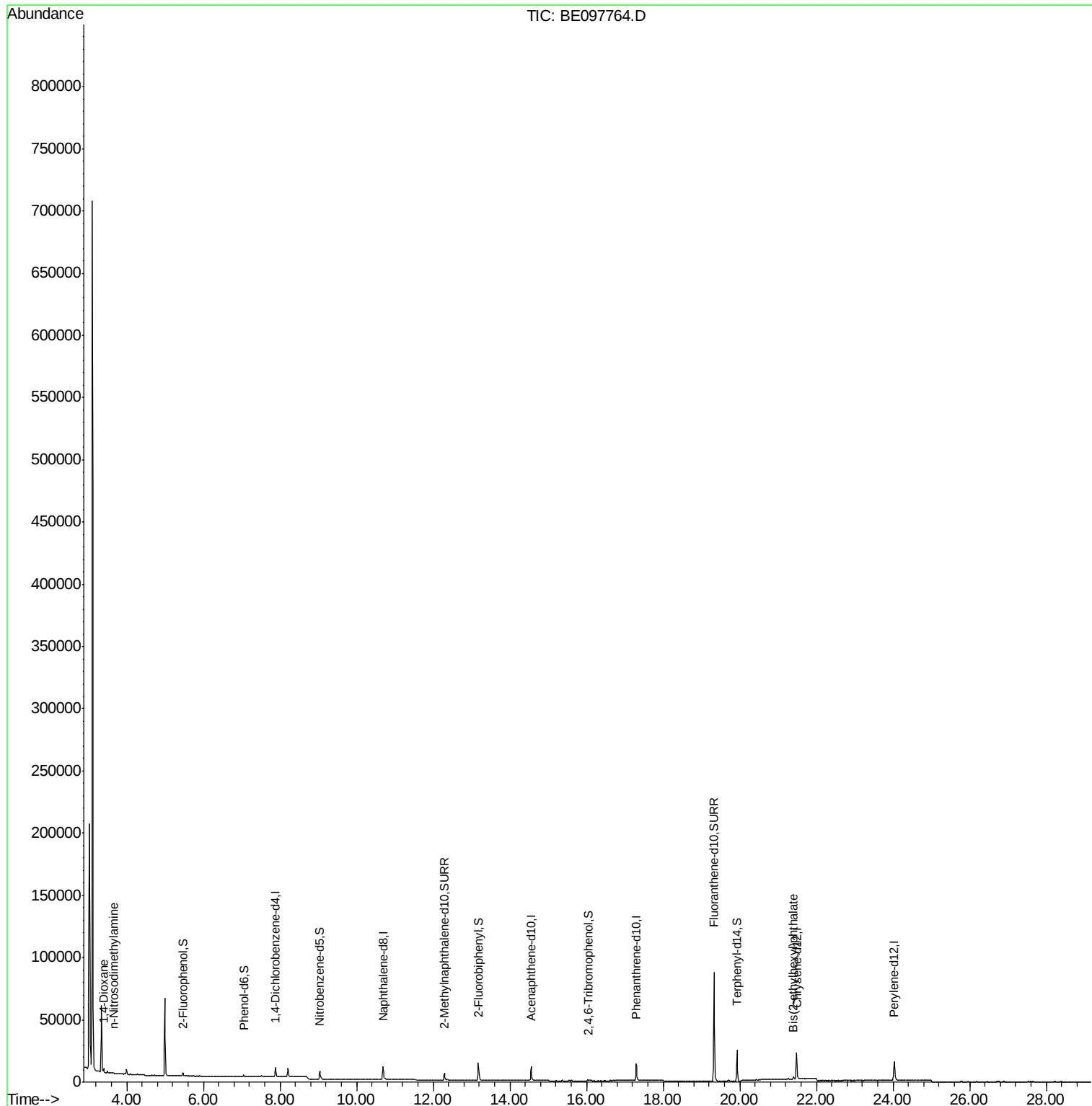
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3394	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	13466	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7585	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	21475	0.40	ng	-0.01
27) Chrysene-d12	21.49	240	26820	0.40	ng	0.00
34) Perylene-d12	24.03	264	24431	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1537	0.19	ng	0.00
5) Phenol-d6	7.05	99	1162	0.09	ng	0.00
8) Nitrobenzene-d5	9.04	82	3219	0.74	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8774	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	606	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	15154	0.45	ng	-0.01
25) Fluoranthene-d10	19.33	212	121028	0.45	ng	0.00
29) Terphenyl-d14	19.93	244	22905	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	2038	0.301	ng	# 89
3) n-Nitrosodimethylamine	3.67	42	284	0.046	ng	# 31
32) Bis(2-ethylhexyl)phthalate	21.40	149	2957	0.056	ng	# 99

(#) = 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. -0.01 min

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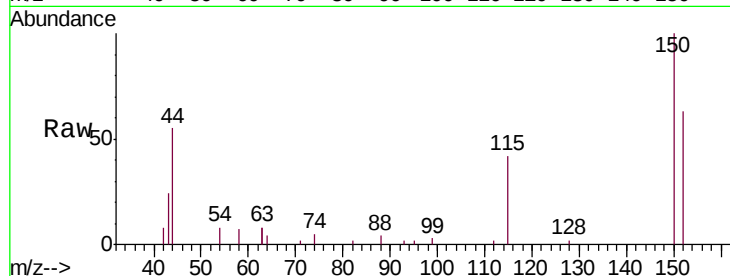
Tgt Ion:152 Resp: 3394

Ion Ratio Lower Upper

152 100

150 157.5 120.9 181.3

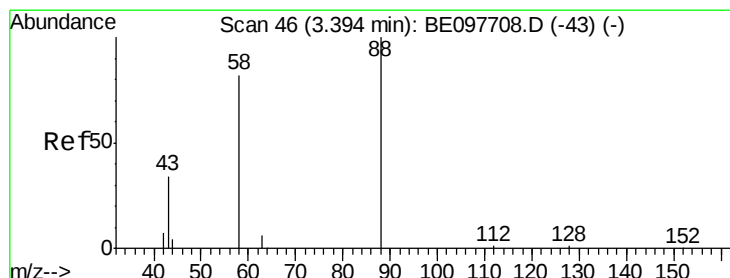
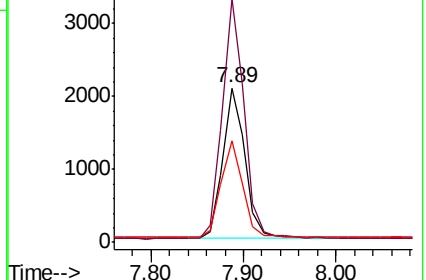
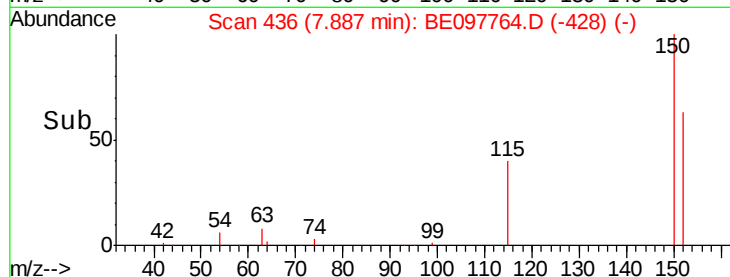
115 65.5 46.6 69.8



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: 0.301 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

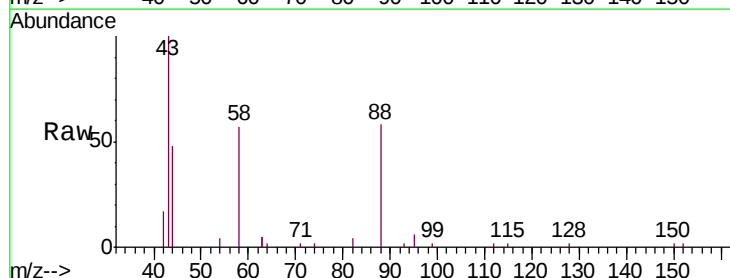
Tgt Ion: 88 Resp: 2038

Ion Ratio Lower Upper

88 100

58 91.5 70.8 106.2

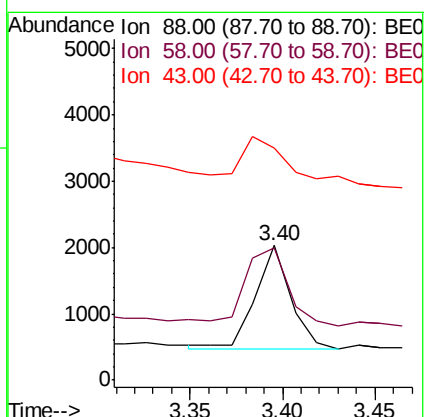
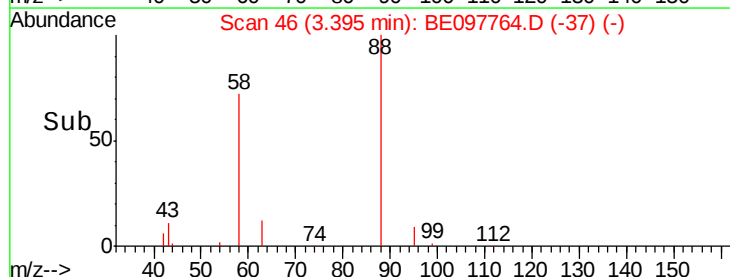
43 58.2 33.3 49.9#

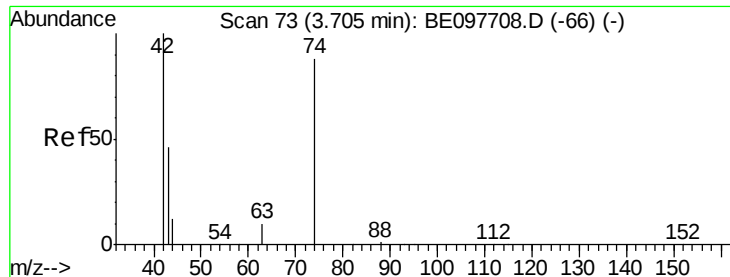


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.046 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.03 min

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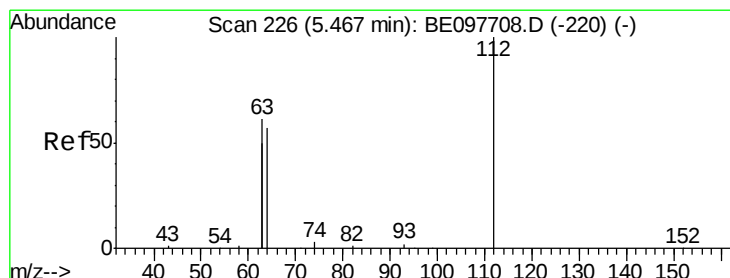
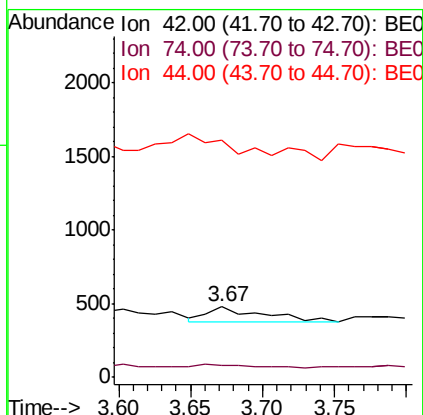
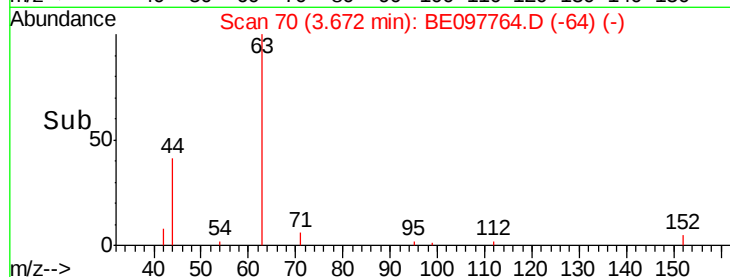
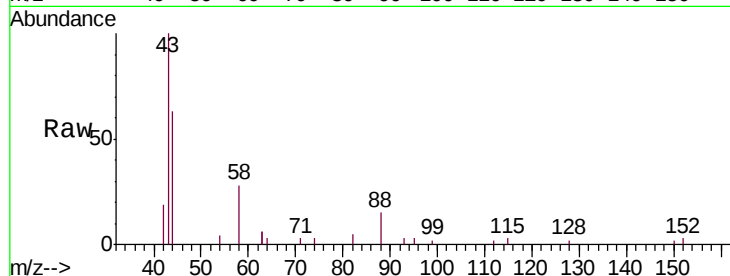
Tgt Ion: 42 Resp: 284

Ion Ratio Lower Upper

42 100

74 18.7 70.7 106.1#

44 0.0 15.0 22.4#



#4

2-Fluorophenol

Concen: 0.191 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

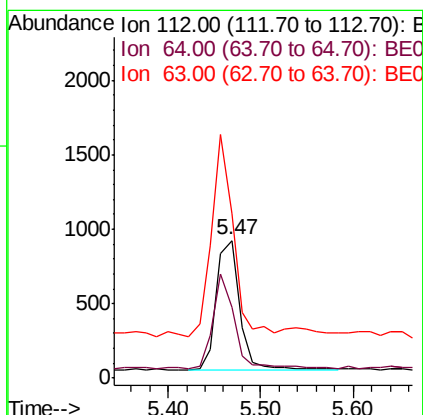
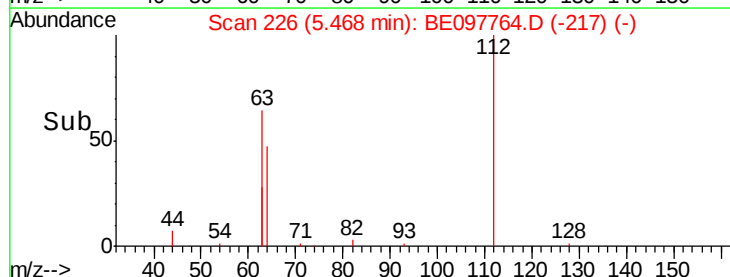
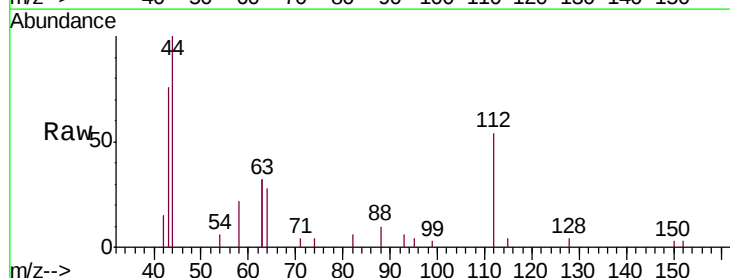
Tgt Ion: 112 Resp: 1537

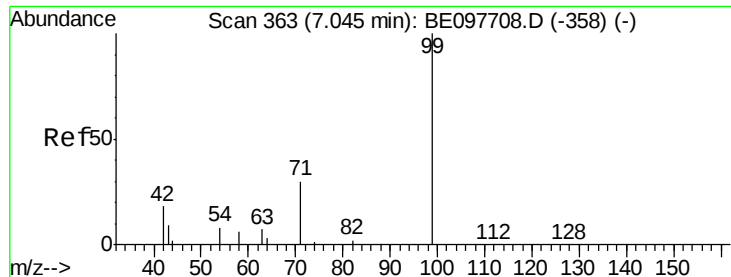
Ion Ratio Lower Upper

112 100

64 64.8 56.6 84.8

63 144.6 119.4 179.0





#5

Phenol-d6

Concen: 0.094 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

Instrument :

MSVOA_V

ClientSampleId :

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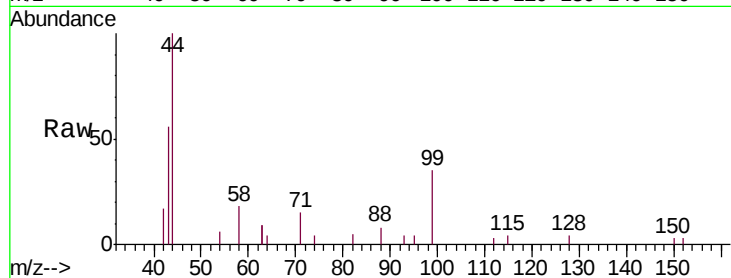
Tgt Ion: 99 Resp: 1162

Ion Ratio Lower Upper

99 100

42 31.8 19.9 29.9#

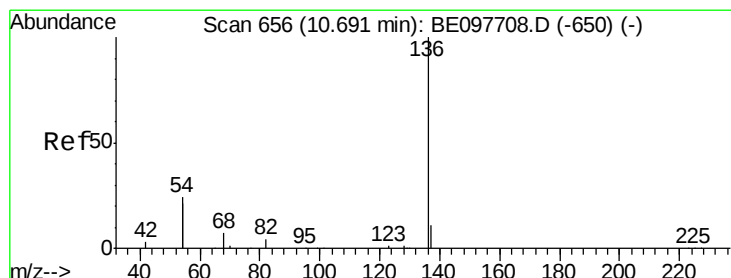
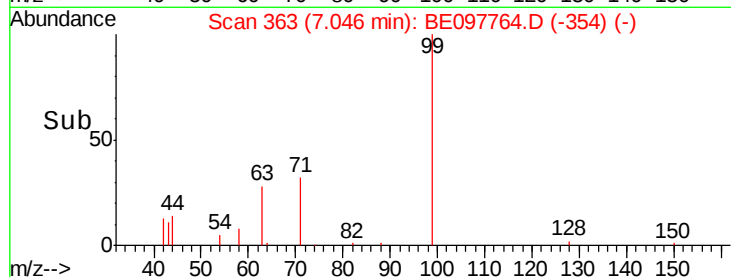
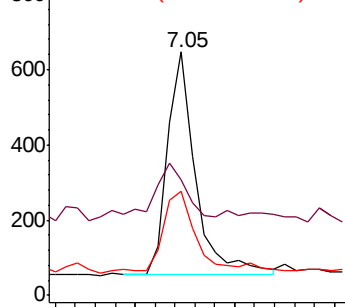
71 44.0 25.4 38.2#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

Tgt Ion: 136 Resp: 13466

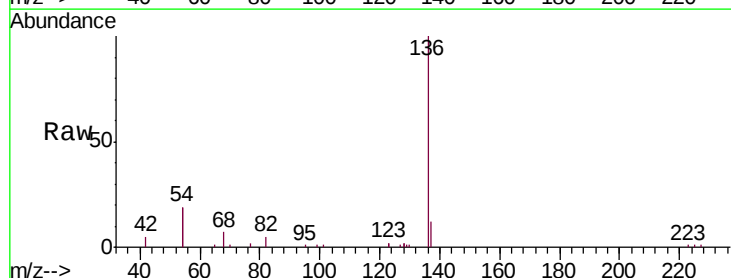
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 37.0 37.8 56.6#

68 7.1 6.4 9.6

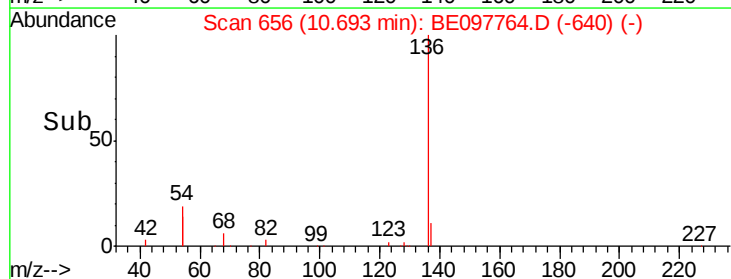
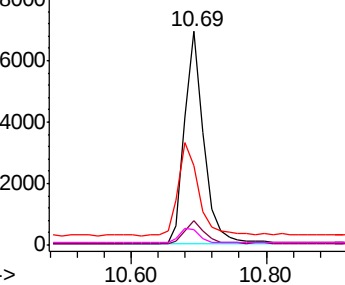


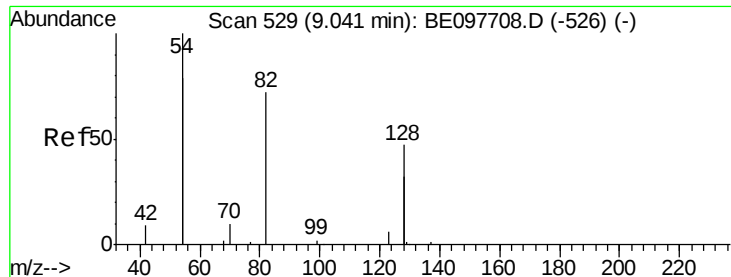
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.736 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

Instrument :

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ClientSampleId :

RE-120D3-20181002

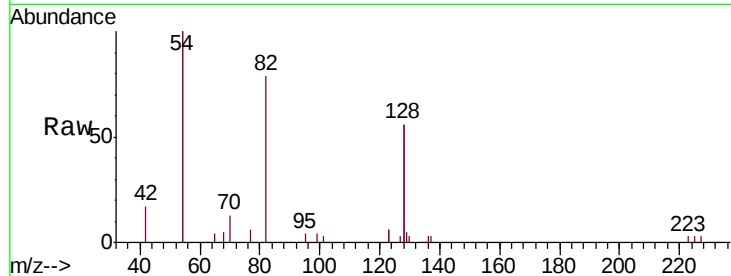
Tgt Ion: 82 Resp: 3219

Ion Ratio Lower Upper

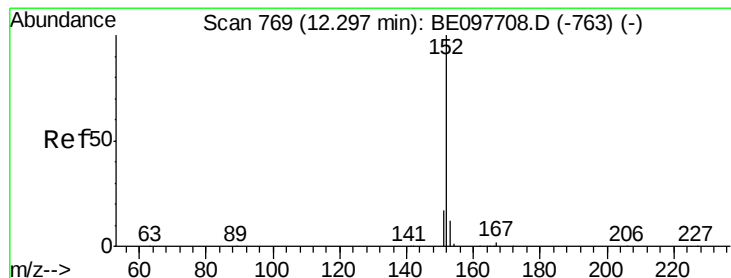
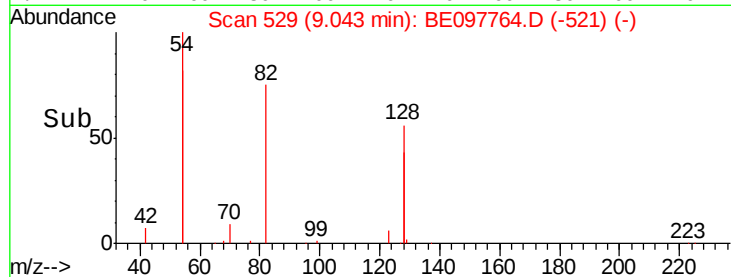
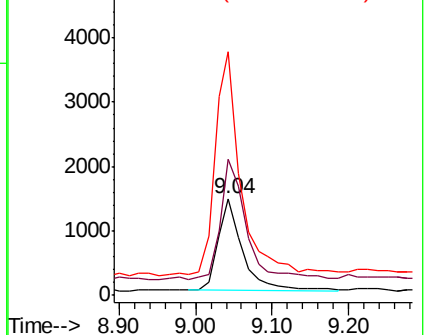
82 100

128 141.5 97.0 145.4

54 252.3 206.9 310.3



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: 0.409 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097764.D

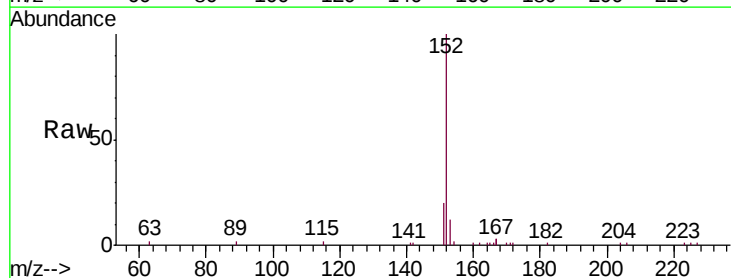
Acq: 5 Oct 2018 20:42

Tgt Ion: 152 Resp: 8774

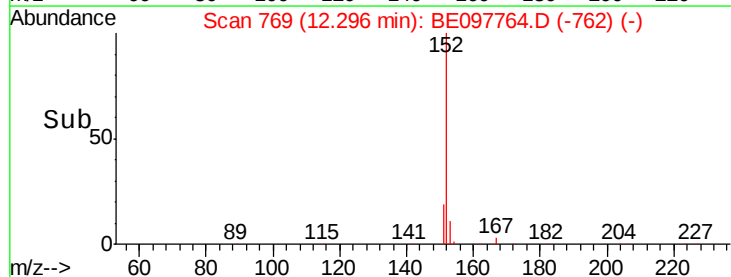
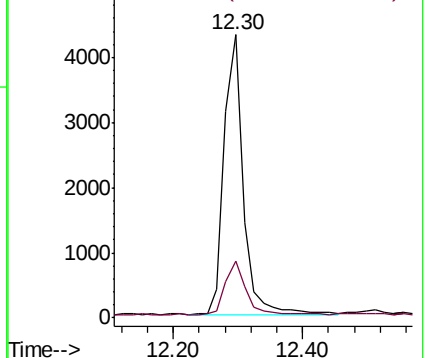
Ion Ratio Lower Upper

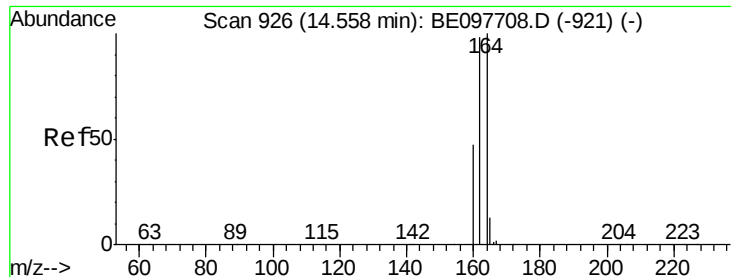
152 100

151 20.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

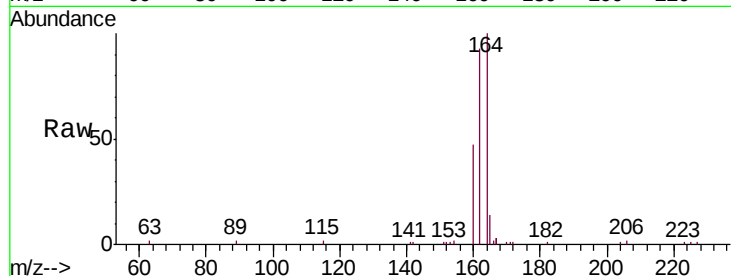




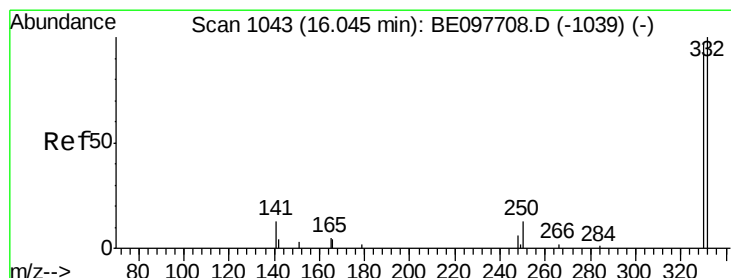
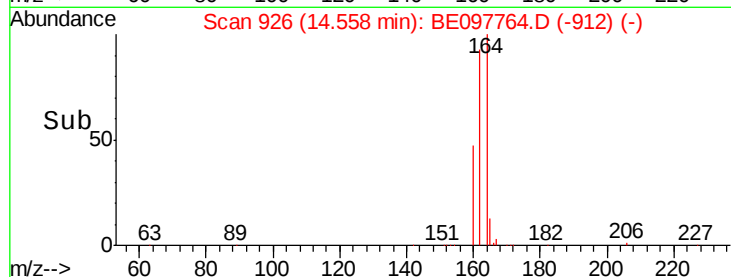
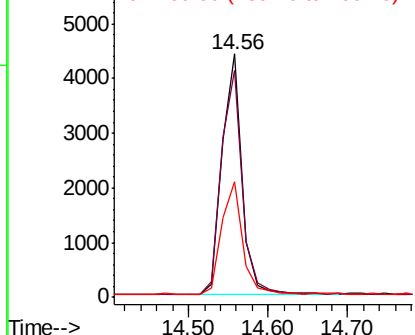
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097764.D
Acq: 5 Oct 2018 20:42

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Tgt Ion:164 Resp: 7585
Ion Ratio Lower Upper
164 100
162 93.4 78.6 117.8
160 47.3 37.8 56.6

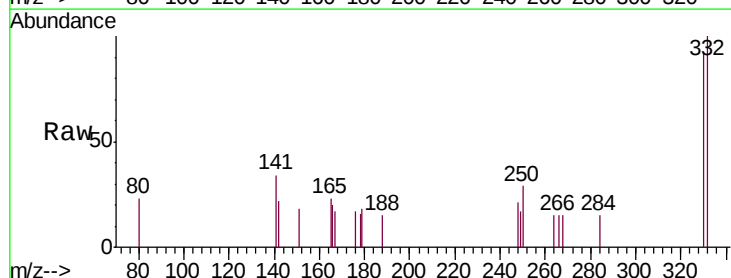


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

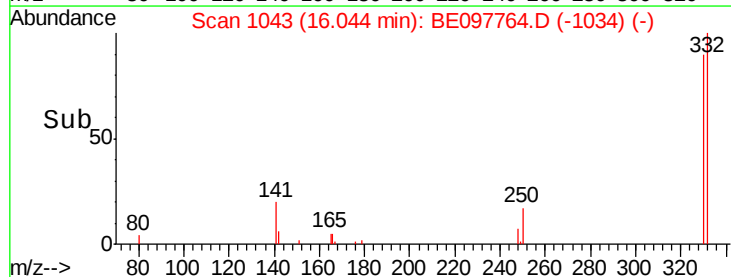
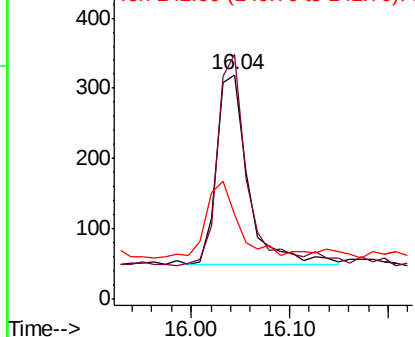


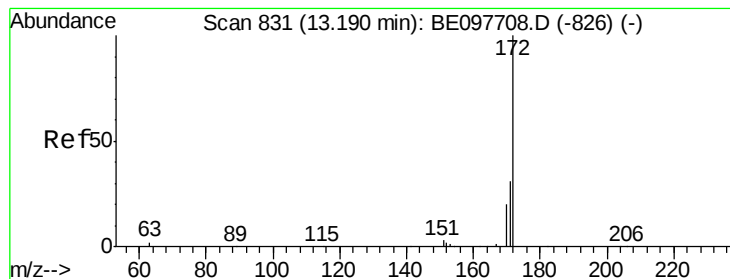
#14
2,4,6-Tribromophenol
Concen: 0.441 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097764.D
Acq: 5 Oct 2018 20:42

Tgt Ion:330 Resp: 606
Ion Ratio Lower Upper
330 100
332 106.9 83.5 125.3
141 41.6 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: 0.454 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.01 min

Lab File: BE097764.D

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Instrument :

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ClientSampleId :

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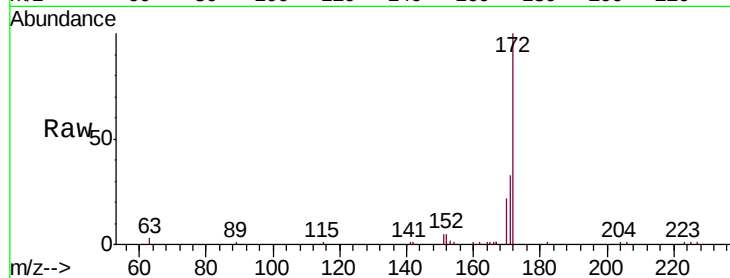
Tgt Ion:172 Resp: 15154

Ion Ratio Lower Upper

172 100

171 33.3 25.2 37.8

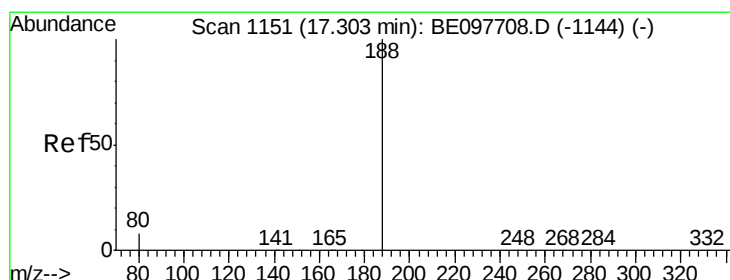
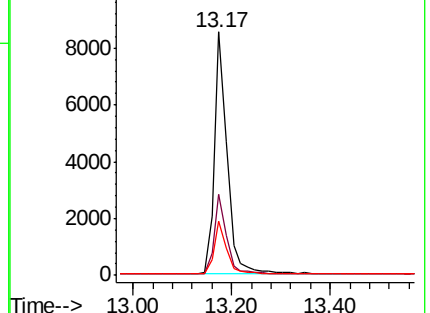
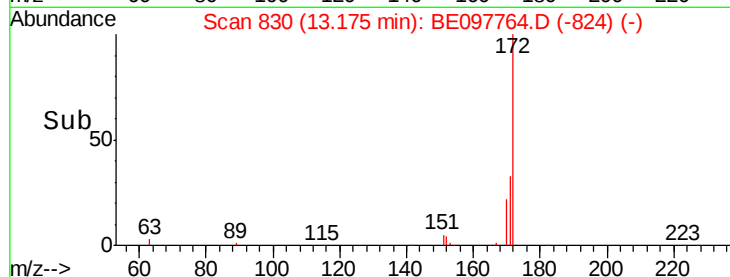
170 22.2 16.2 24.2



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

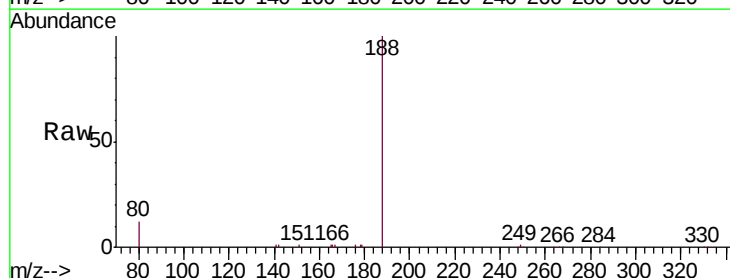
Tgt Ion:188 Resp: 21475

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

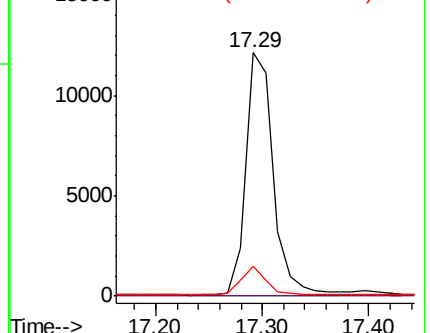
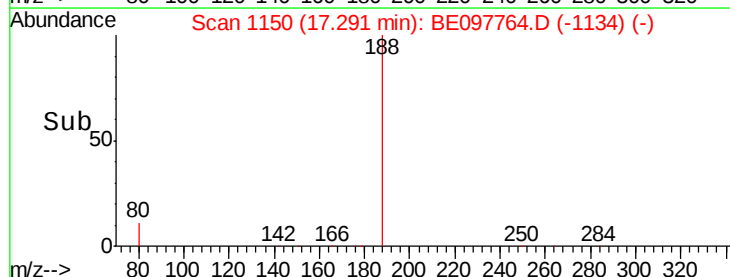
80 12.1 6.6 9.8#

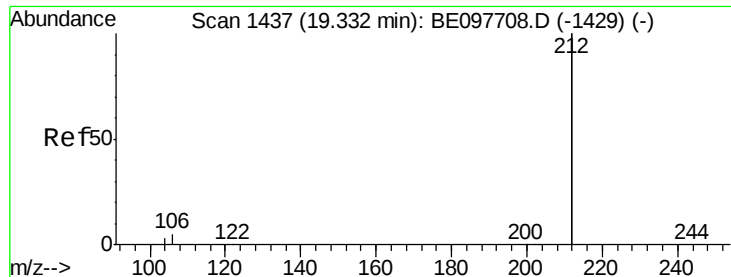


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.445 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097764.D

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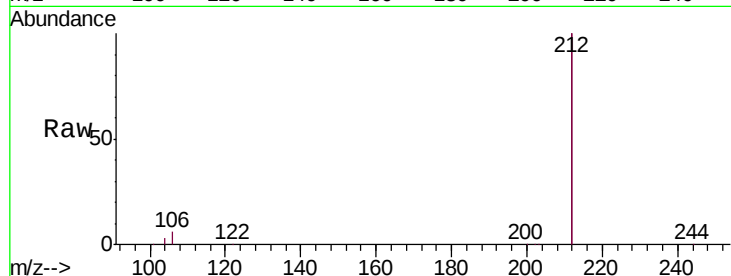
Tgt Ion:212 Resp: 121028

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

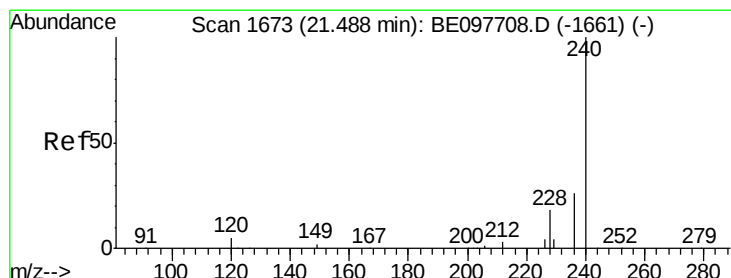
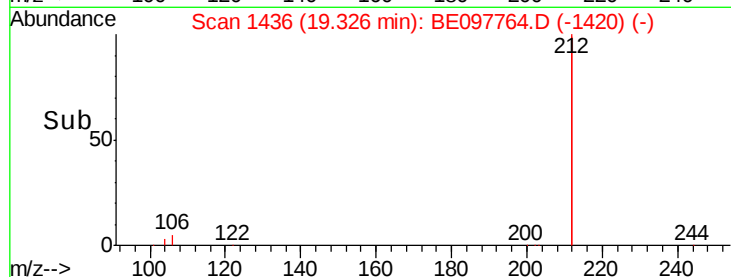
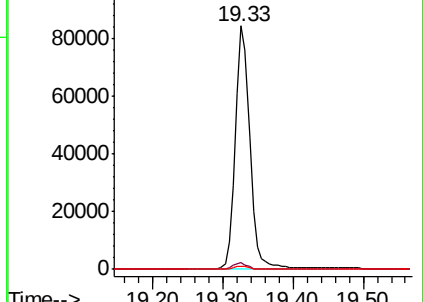
104 1.4 1.2 1.8



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: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

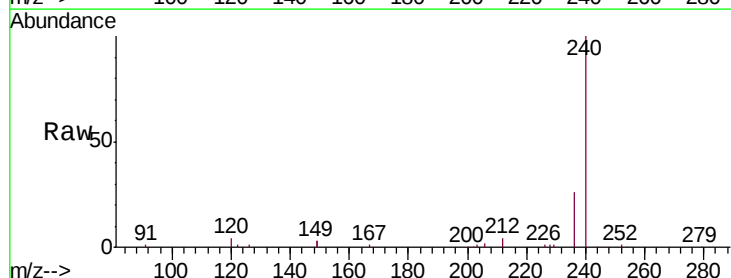
Tgt Ion:240 Resp: 26820

Ion Ratio Lower Upper

240 100

120 4.3 4.7 7.1#

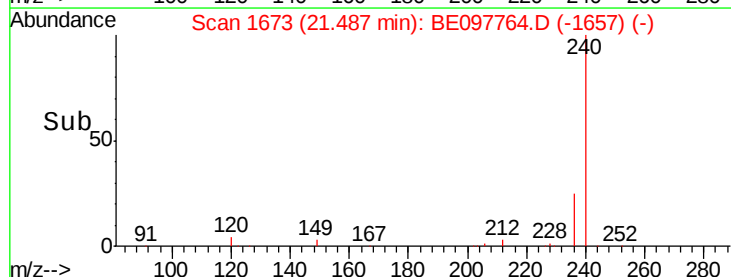
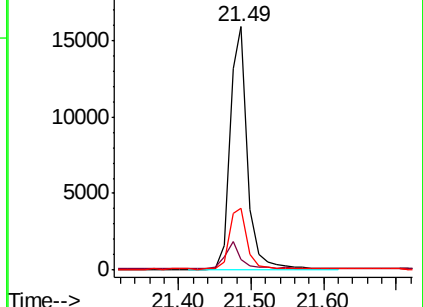
236 25.6 20.8 31.2

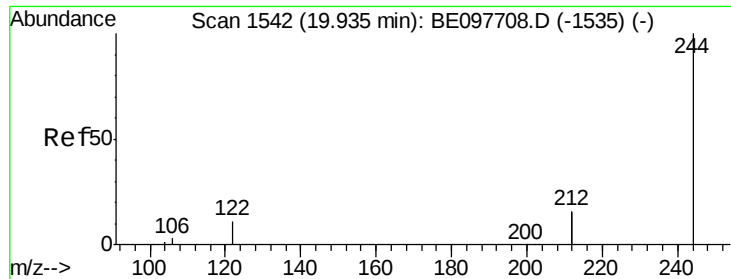


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

Instrument :

MSVOA_V

ClientSampleId :

RE-120D3-20181002

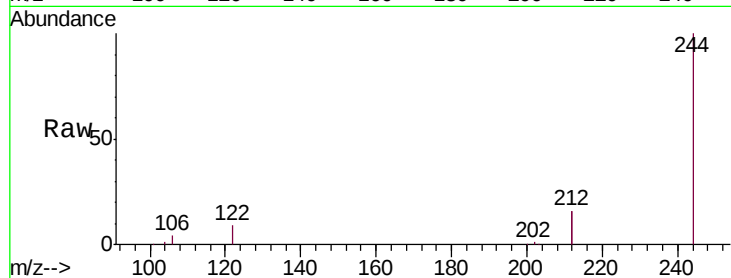
Tgt Ion:244 Resp: 22905

Ion Ratio Lower Upper

244 100

212 31.7 25.8 38.8

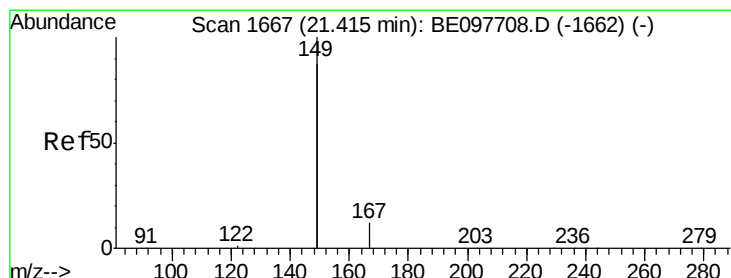
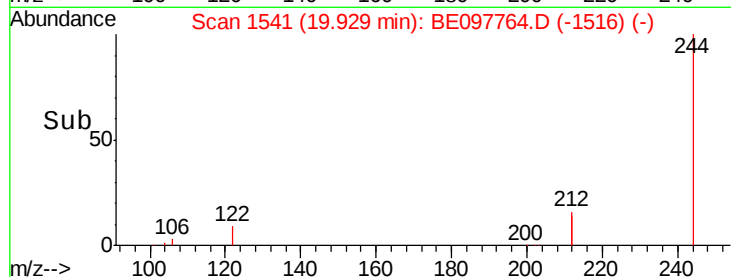
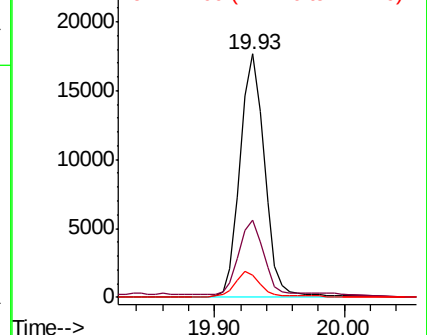
122 9.0 8.7 13.1



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: 0.056 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

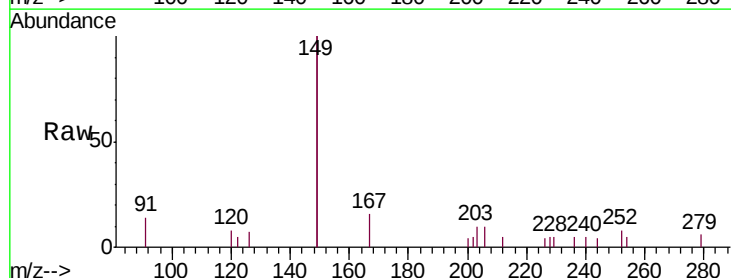
Tgt Ion:149 Resp: 2957

Ion Ratio Lower Upper

149 100

167 6.7 5.5 8.3

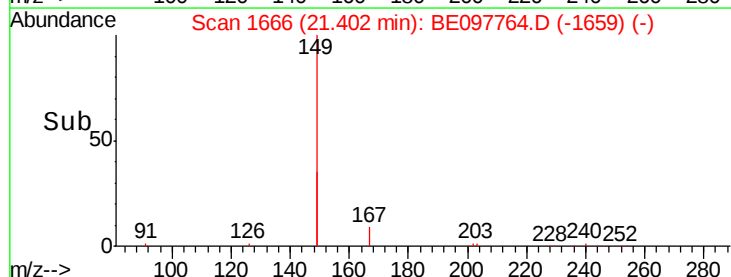
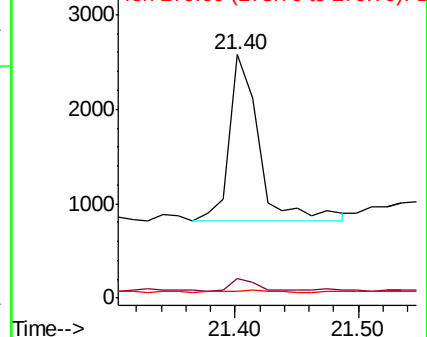
279 1.6 0.9 1.3#

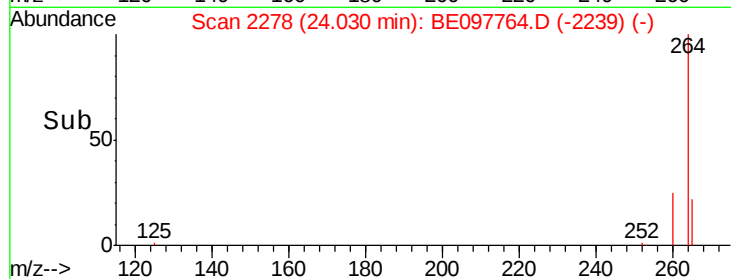
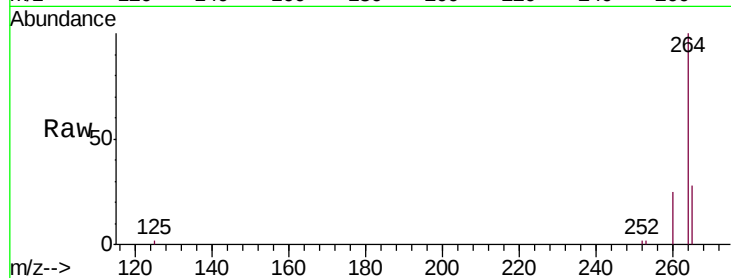
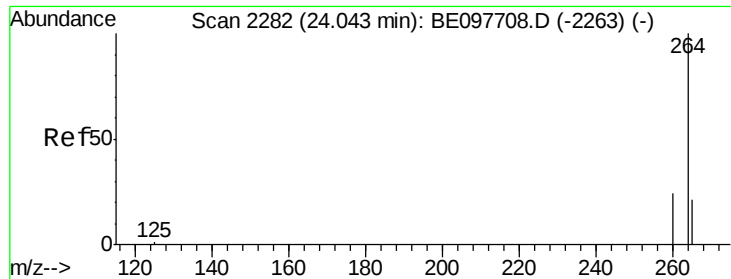


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.03 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BE097764.D

Acq: 5 Oct 2018 20:42

Instrument :

MSVOA_V

ClientSampleId :

RE-120D3-20181002

Tgt Ion:264 Resp: 24431

Ion Ratio Lower Upper

264 100

260 25.3 19.1 28.7

265 27.8 21.9 32.9

