

Data File : BE097763.D
Acq On : 5 Oct 2018 20:06
Operator : SJ/JU
Sample : J5284-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
RE-125D3-20181001

Quant Time: Oct 06 04:20:06 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	3248	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	12740	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7142	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	20626	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	27182	0.40	ng	-0.01
34) Perylene-d12	24.03	264	25178	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1328	0.17	ng	0.00
5) Phenol-d6	7.04	99	1115	0.09	ng	0.00
8) Nitrobenzene-d5	9.04	82	2918	0.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8084	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	649	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	13645	0.43	ng	-0.02
25) Fluoranthene-d10	19.32	212	125206	0.48	ng	0.00
29) Terphenyl-d14	19.93	244	23516	0.42	ng	0.00

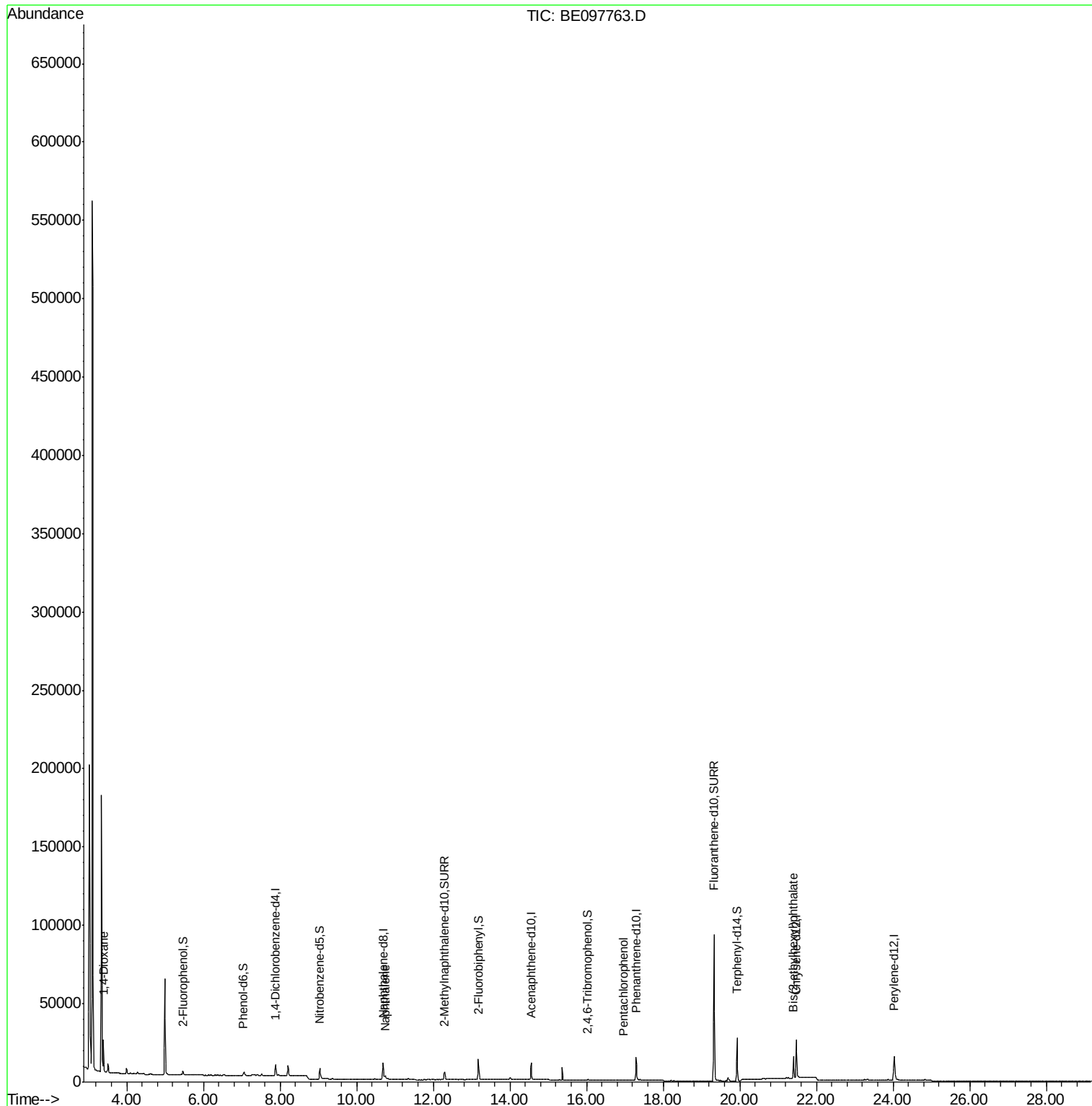
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	12067	1.865	ng	97
9) Naphthalene	10.74	128	3144	0.024	ng	# 92
22) Pentachlorophenol	16.95	266	46	0.024	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.40	149	16476	0.308	ng	100

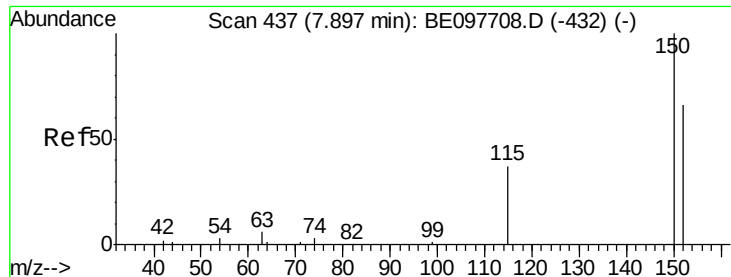
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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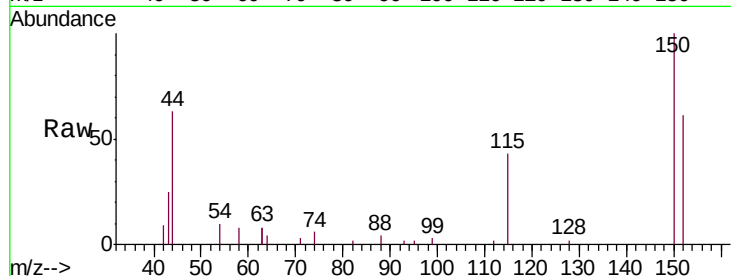
Tgt Ion:152 Resp: 3248

Ion Ratio Lower Upper

152 100

150 164.3 120.9 181.3

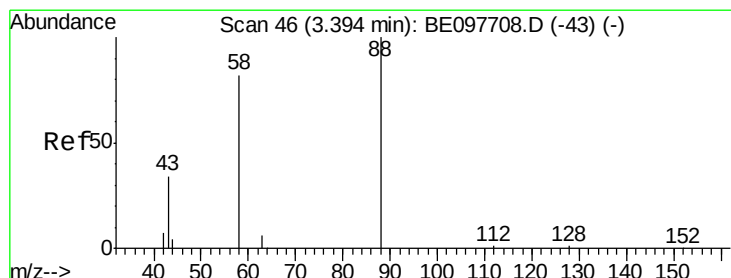
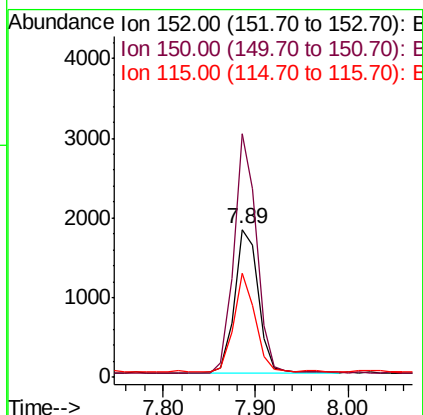
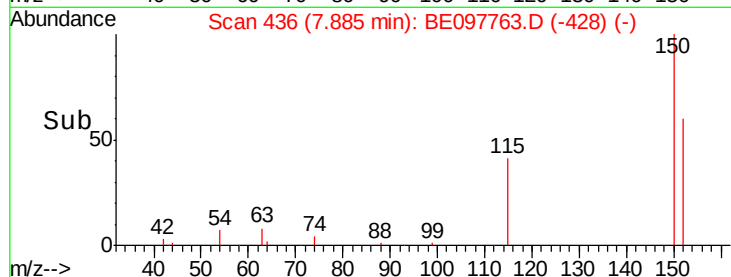
115 70.0 46.6 69.8#



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: 1.865 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097763.D

Acq: 5 Oct 2018 20:06

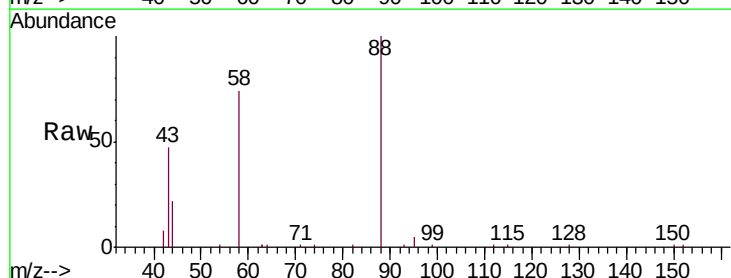
Tgt Ion: 88 Resp: 12067

Ion Ratio Lower Upper

88 100

58 85.1 70.8 106.2

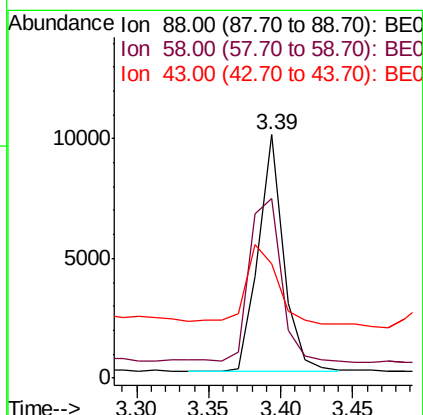
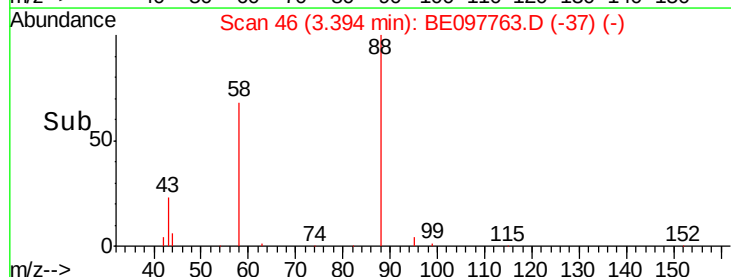
43 41.9 33.3 49.9

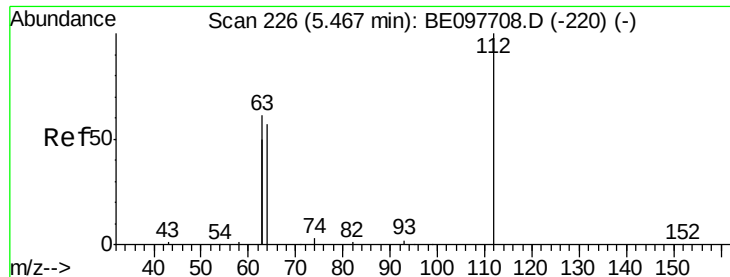


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097763.D

Acq: 5 Oct 2018 20:06

Instrument :

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ClientSampleId :

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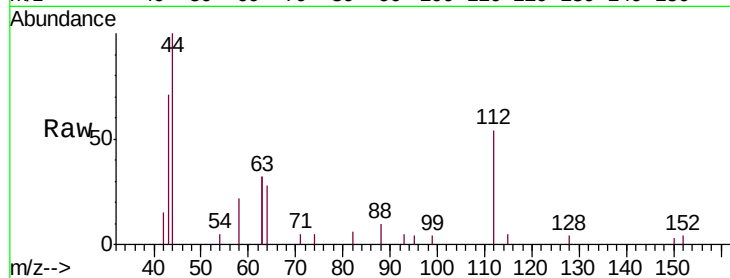
Tgt Ion: 112 Resp: 1328

Ion Ratio Lower Upper

112 100

64 67.4 56.6 84.8

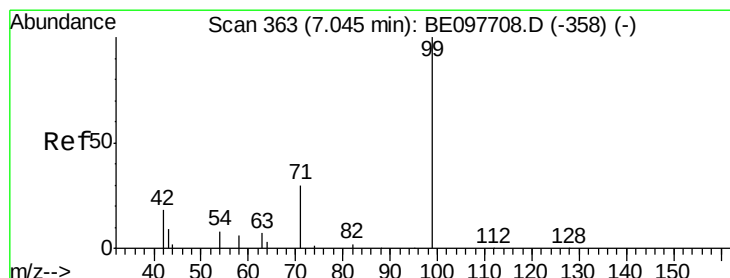
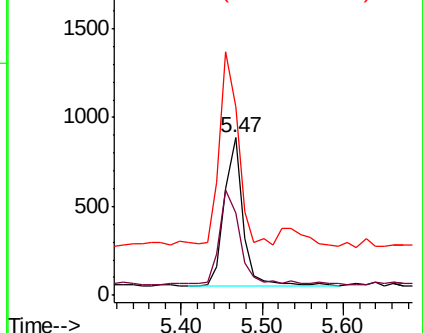
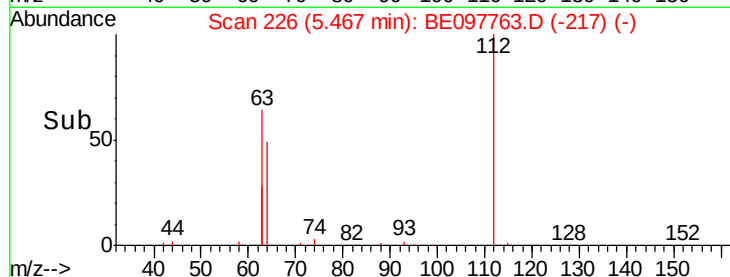
63 128.8 119.4 179.0



Abundance Ion 112.00 (111.70 to 112.70): BE097763.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BE097763.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BE097763.D (-217) (-)



#5

Phenol-d6

Concen: 0.095 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097763.D

Acq: 5 Oct 2018 20:06

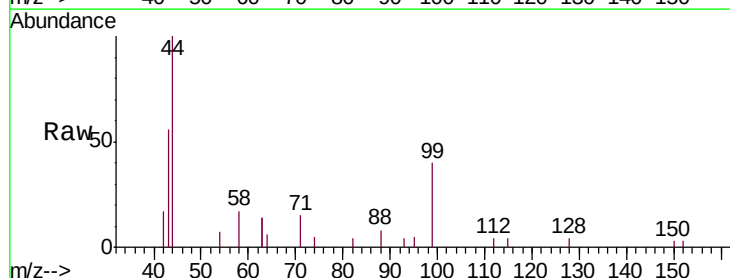
Tgt Ion: 99 Resp: 1115

Ion Ratio Lower Upper

99 100

42 36.7 19.9 29.9#

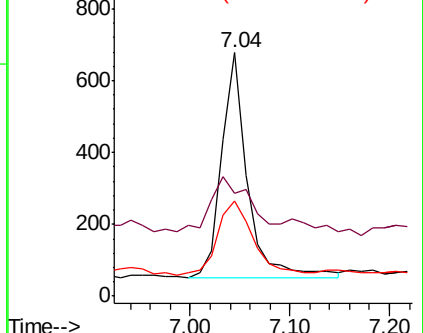
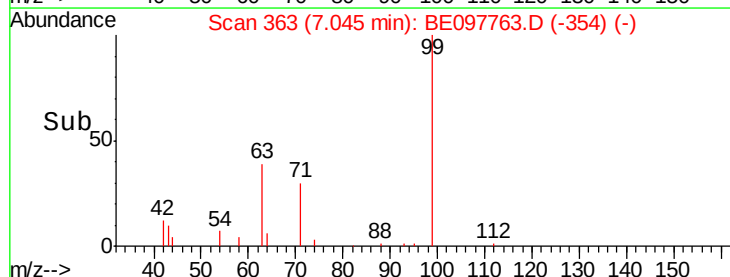
71 46.9 25.4 38.2#

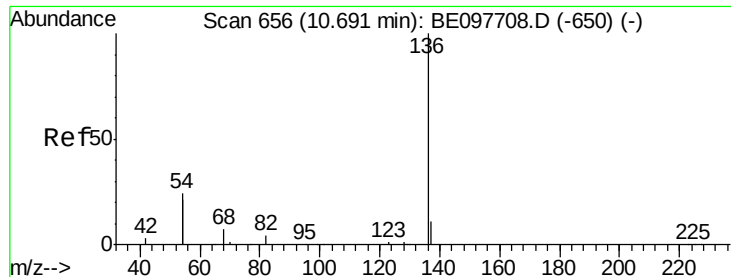


Abundance Ion 99.00 (98.70 to 99.70): BE097763.D (-354) (-)

Ion 42.00 (41.70 to 42.70): BE097763.D (-354) (-)

Ion 71.00 (70.70 to 71.70): BE097763.D (-354) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097763.D

Acq: 5 Oct 2018 20:06

Instrument :

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Tgt Ion:136 Resp: 12740

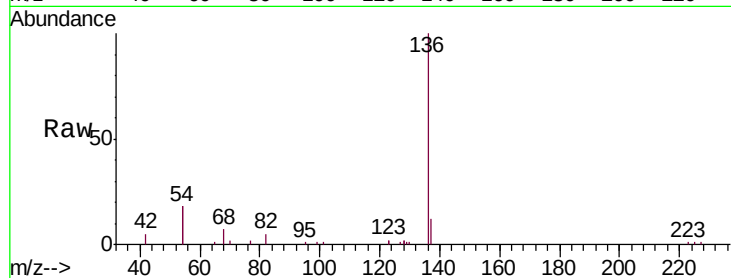
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 36.3 37.8 56.6#

68 7.0 6.4 9.6

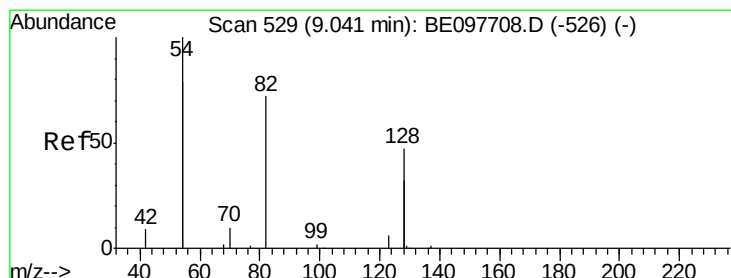
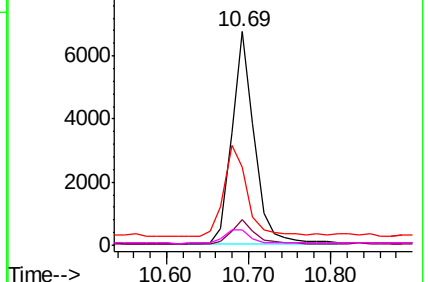
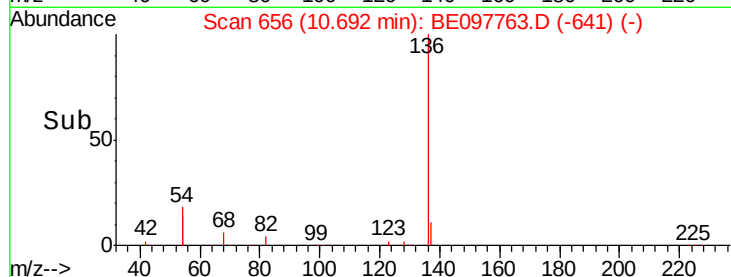


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.705 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097763.D

Acq: 5 Oct 2018 20:06

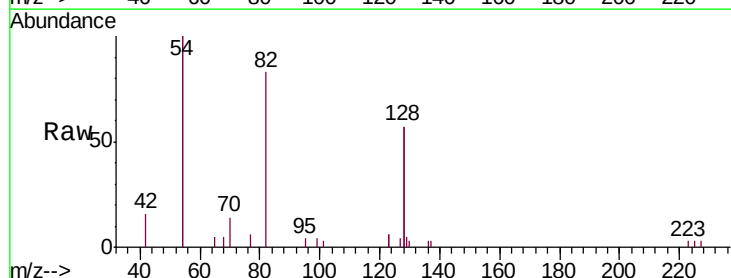
Tgt Ion: 82 Resp: 2918

Ion Ratio Lower Upper

82 100

128 137.5 97.0 145.4

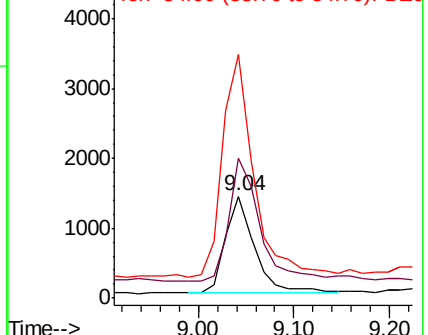
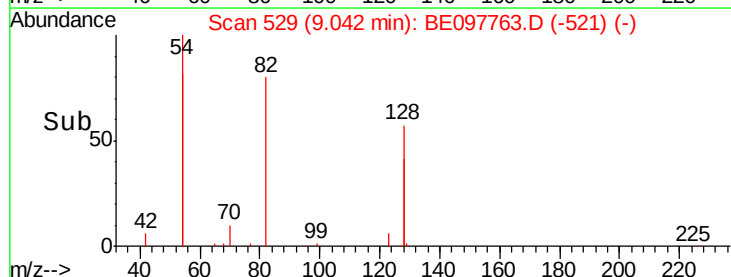
54 239.6 206.9 310.3

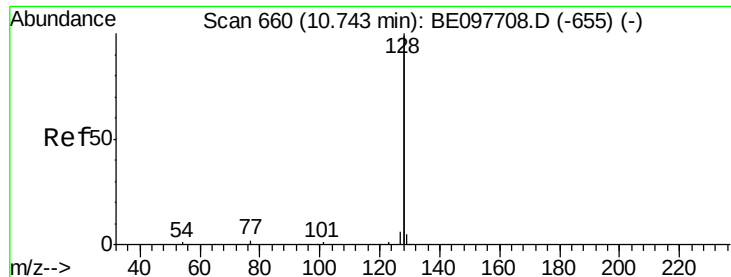


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.024 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097763.D

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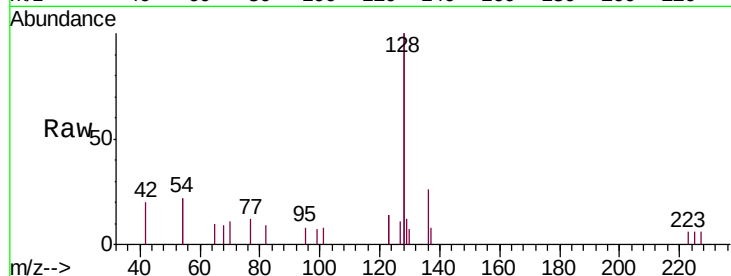
Tgt Ion:128 Resp: 3144

Ion Ratio Lower Upper

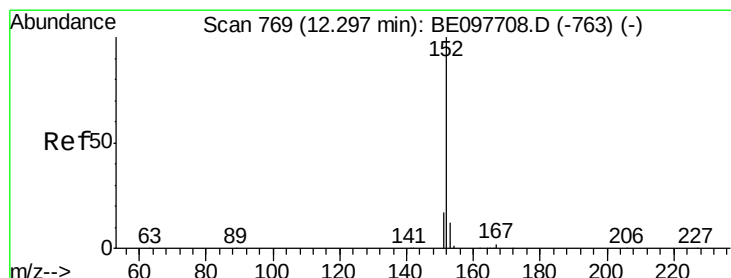
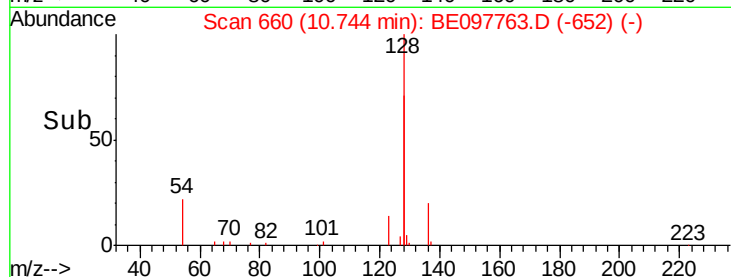
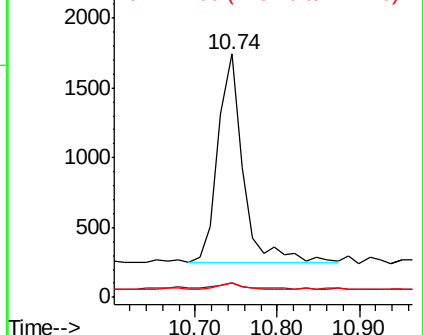
128 100

129 6.0 2.2 3.2#

127 5.7 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097763.D

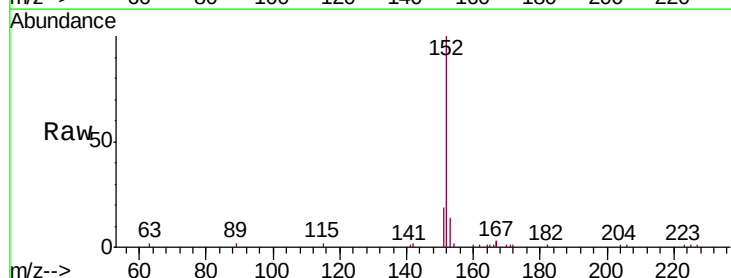
Acq: 5 Oct 2018 20:06

Tgt Ion:152 Resp: 8084

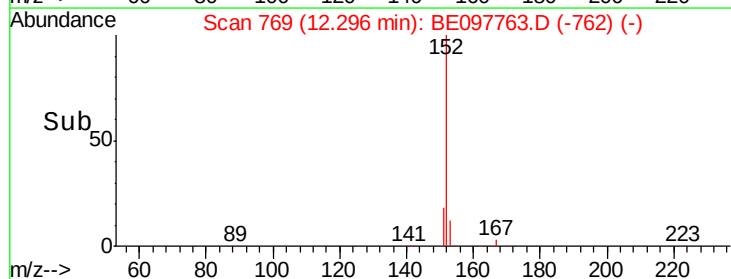
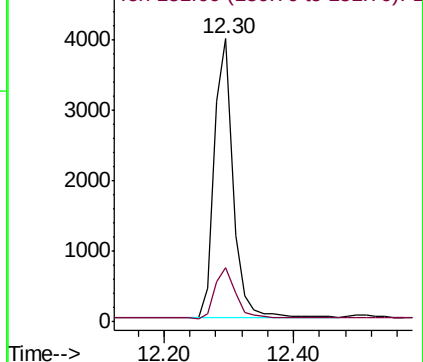
Ion Ratio Lower Upper

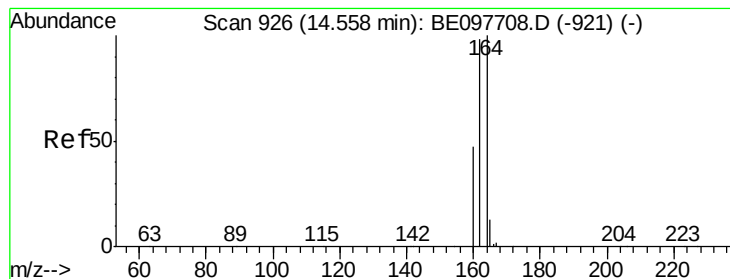
152 100

151 19.4 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: BE097763.D

Acq: 5 Oct 2018 20:06

Instrument :

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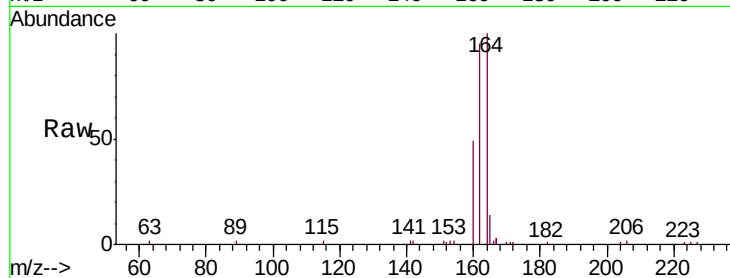
Tgt Ion:164 Resp: 7142

Ion Ratio Lower Upper

164 100

162 94.6 78.6 117.8

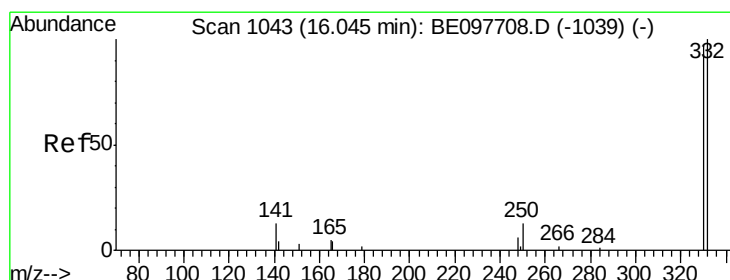
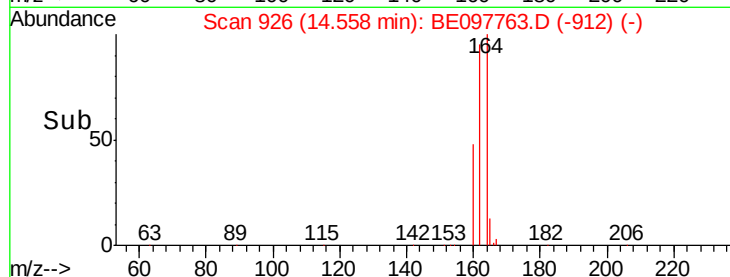
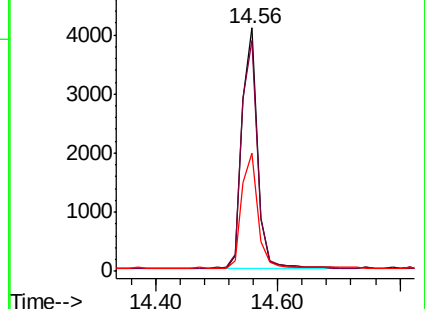
160 48.7 37.8 56.6



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: 0.501 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097763.D

Acq: 5 Oct 2018 20:06

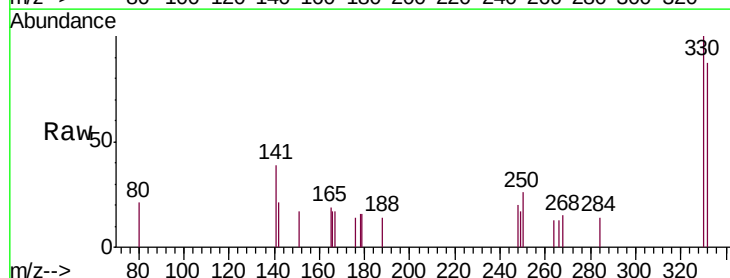
Tgt Ion:330 Resp: 649

Ion Ratio Lower Upper

330 100

332 89.5 83.5 125.3

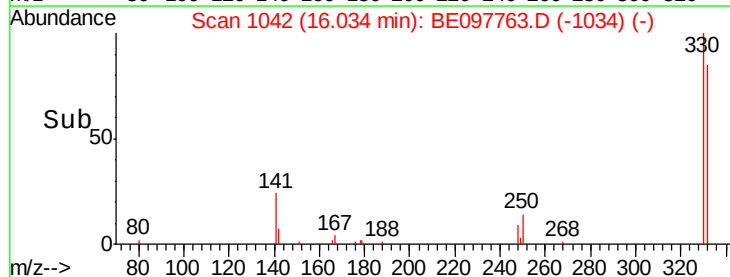
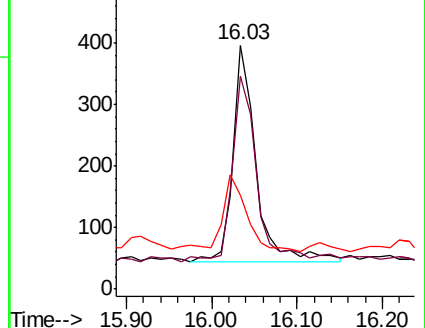
141 36.8 34.9 52.3

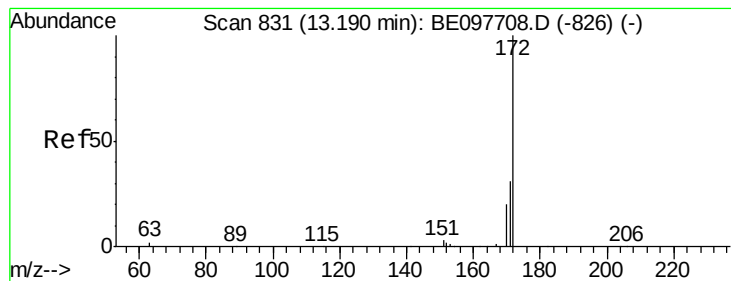


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

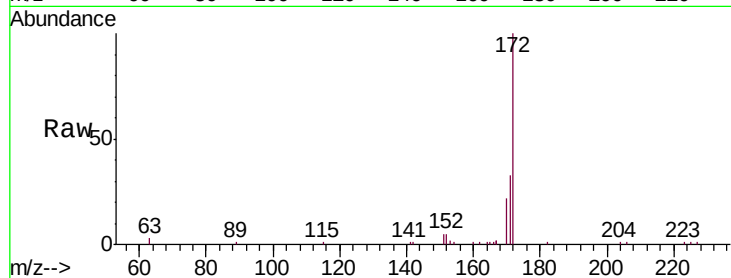




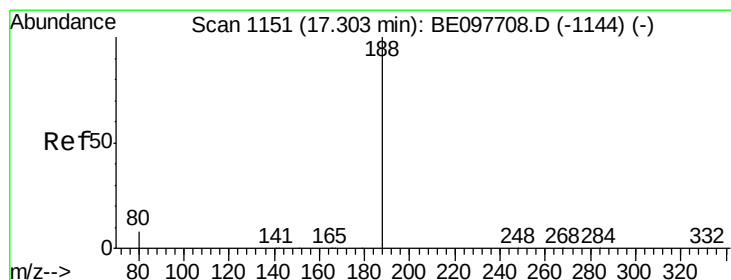
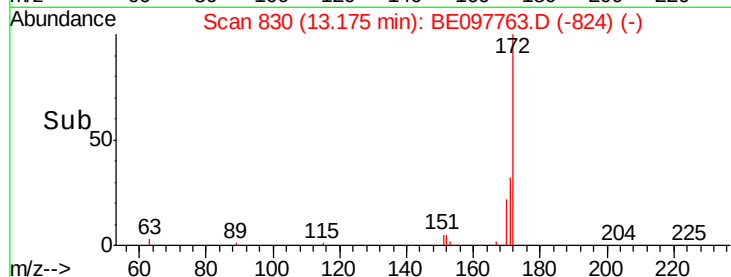
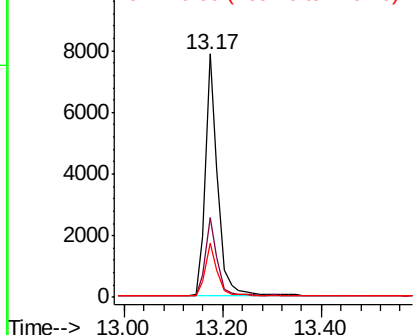
#15
 2-Fluorobiphenyl
 Concen: 0.434 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
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Tgt Ion:172 Resp: 13645
 Ion Ratio Lower Upper
 172 100
 171 32.7 25.2 37.8
 170 22.1 16.2 24.2

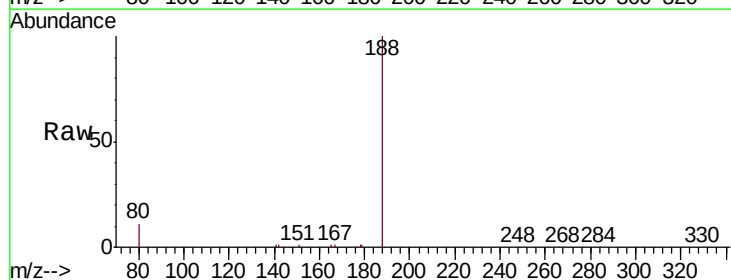


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

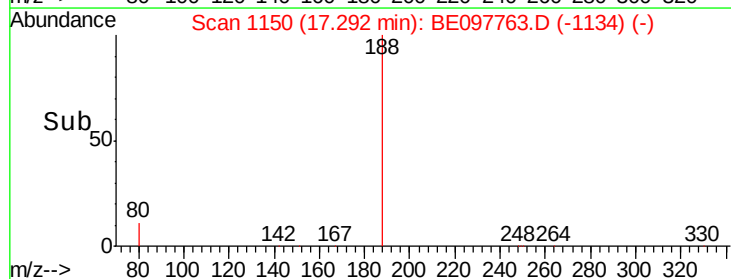
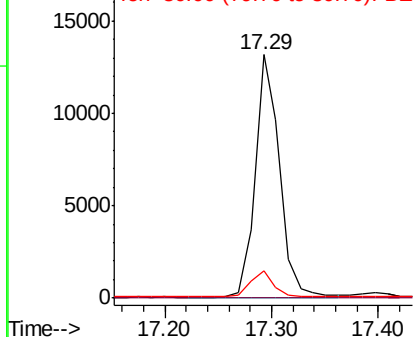


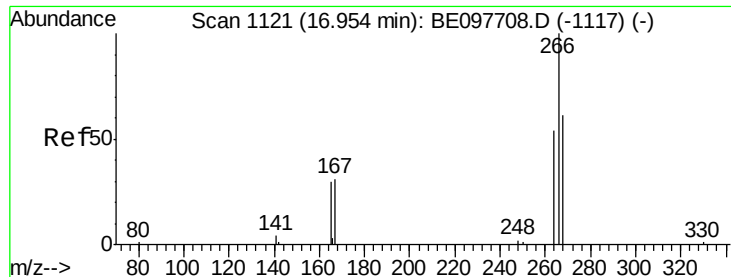
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.29 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BE097763.D
 Acq: 5 Oct 2018 20:06

Tgt Ion:188 Resp: 20626
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.3 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

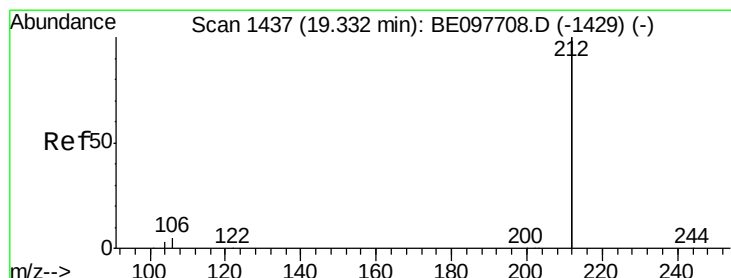
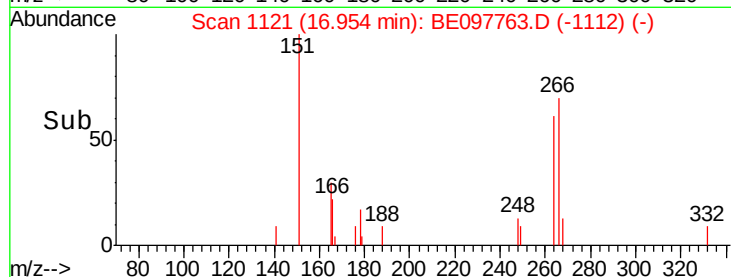
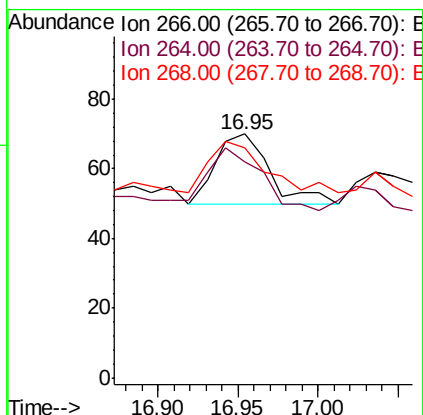
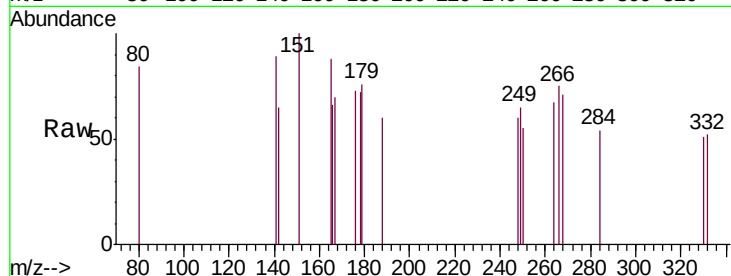




#22
 Pentachlorophenol
 Concen: 0.024 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BE097763.D
 Acq: 5 Oct 2018 20:06

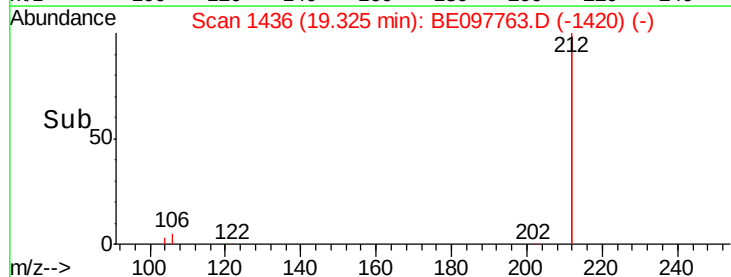
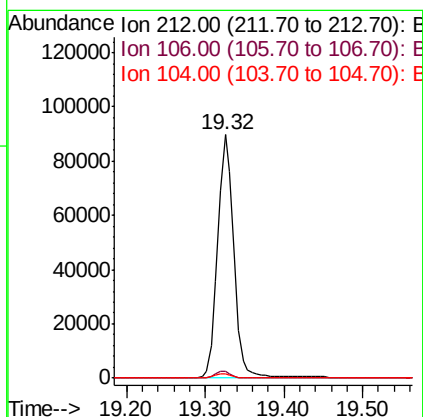
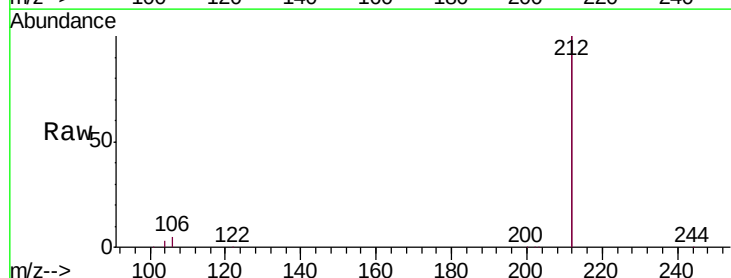
Instrument :
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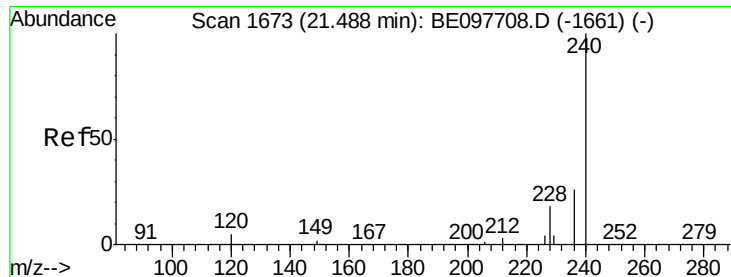
Tgt Ion: 266 Resp: 46
 Ion Ratio Lower Upper
 266 100
 264 88.6 46.8 70.2#
 268 94.3 53.0 79.6#



#25
 Fluoranthene-d10
 Concen: 0.480 ng
 RT: 19.32 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097763.D
 Acq: 5 Oct 2018 20:06

Tgt Ion: 212 Resp: 125206
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.2 1.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097763.D

Acq: 5 Oct 2018 20:06

Instrument :

MSVOA_V

ClientSampleId :

RE-125D3-20181001

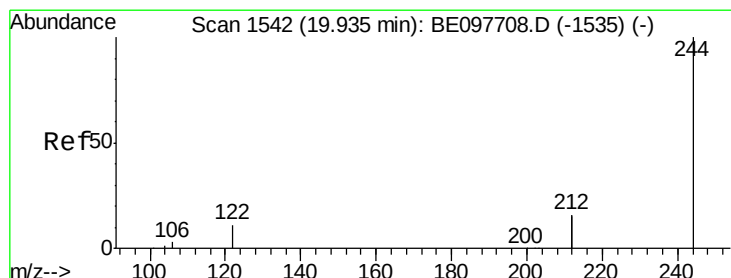
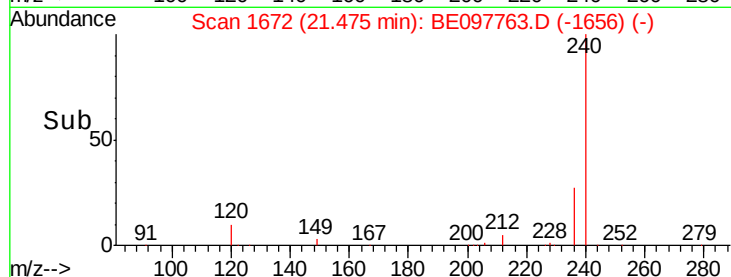
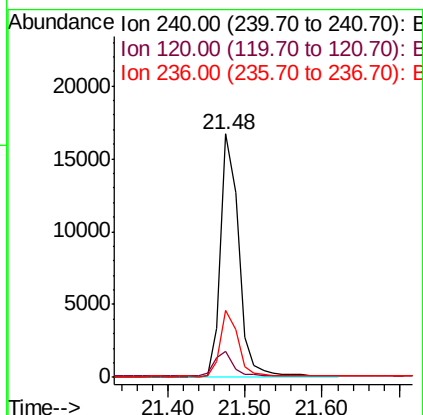
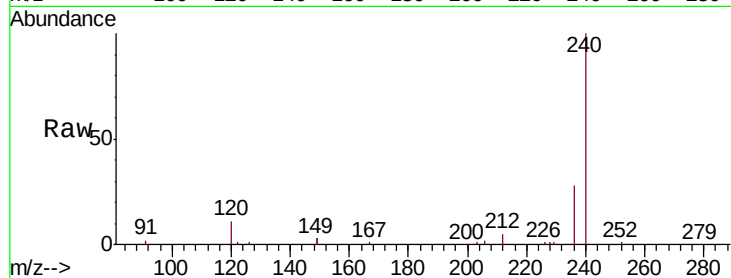
Tgt Ion:240 Resp: 27182

Ion Ratio Lower Upper

240 100

120 10.7 4.7 7.1#

236 27.8 20.8 31.2



#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097763.D

Acq: 5 Oct 2018 20:06

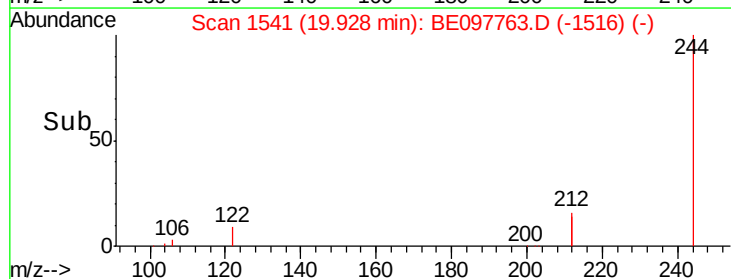
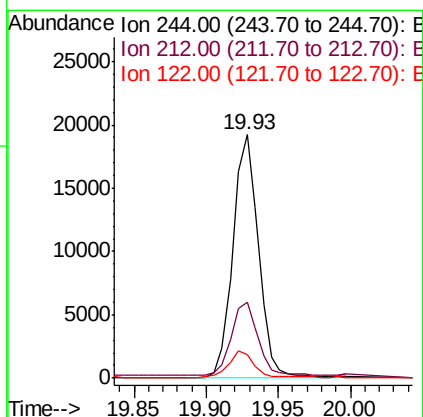
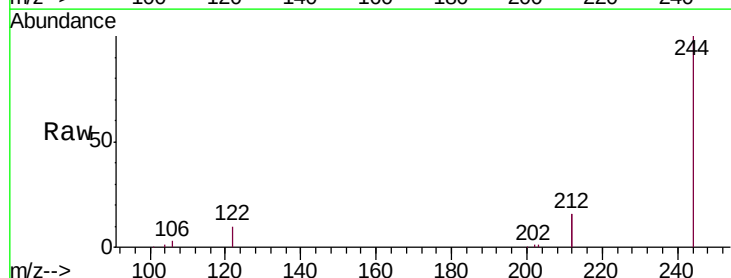
Tgt Ion:244 Resp: 23516

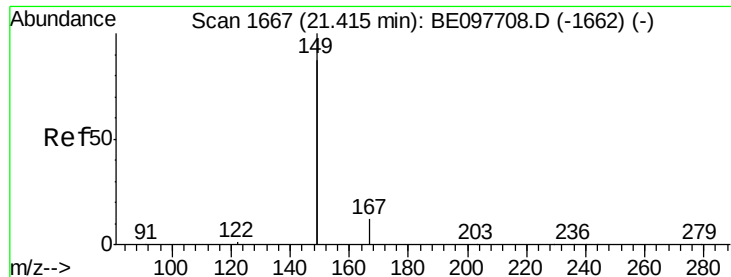
Ion Ratio Lower Upper

244 100

212 31.2 25.8 38.8

122 9.5 8.7 13.1

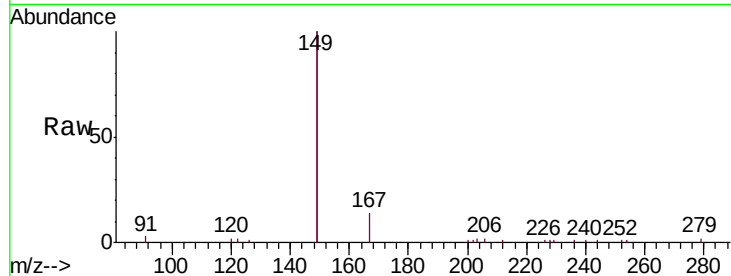




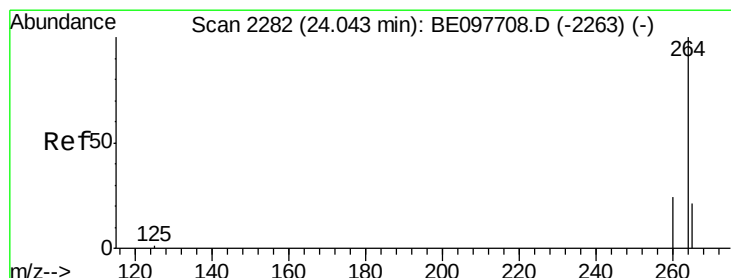
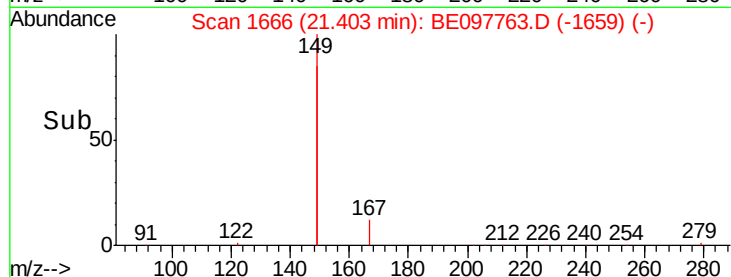
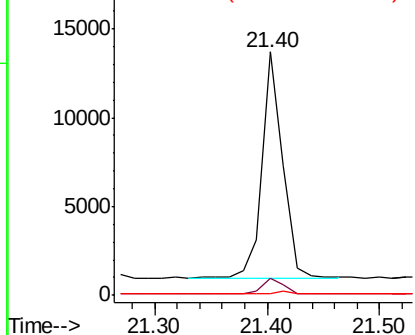
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.308 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097763.D
 Acq: 5 Oct 2018 20:06

Instrument :
 MSVOA_V
 ClientSampleId :
 RE-125D3-20181001

Tgt Ion:149 Resp: 16476
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.5 8.3
 279 1.1 0.9 1.3

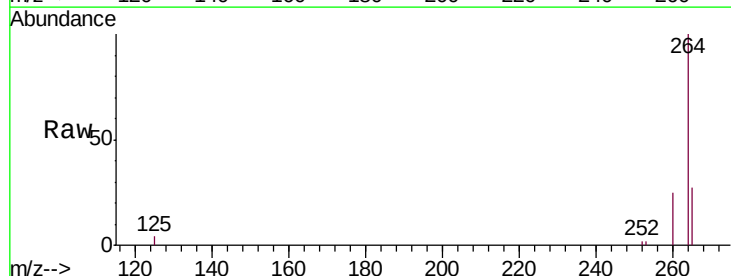


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097763.D
 Acq: 5 Oct 2018 20:06

Tgt Ion:264 Resp: 25178
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.1 28.7
 265 27.2 21.9 32.9



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

