

Data File : BE097772.D
Acq On : 6 Oct 2018 2:25
Operator : SJ/JU
Sample : J5284-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
RE-104D3-20181003

Quant Time: Oct 06 04:21:45 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	7.88	152	3452	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	13652	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7790	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	22652	0.40	ng	-0.01
27) Chrysene-d12	21.49	240	31206	0.40	ng	0.00
34) Perylene-d12	24.03	264	29722	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1409	0.17	ng	0.00
5) Phenol-d6	7.04	99	1187	0.09	ng	0.00
8) Nitrobenzene-d5	9.04	82	3395	0.77	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8589	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	649	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	18941	0.55	ng	-0.01
25) Fluoranthene-d10	19.33	212	133402	0.47	ng	0.00
29) Terphenyl-d14	19.93	244	28027	0.44	ng	0.00

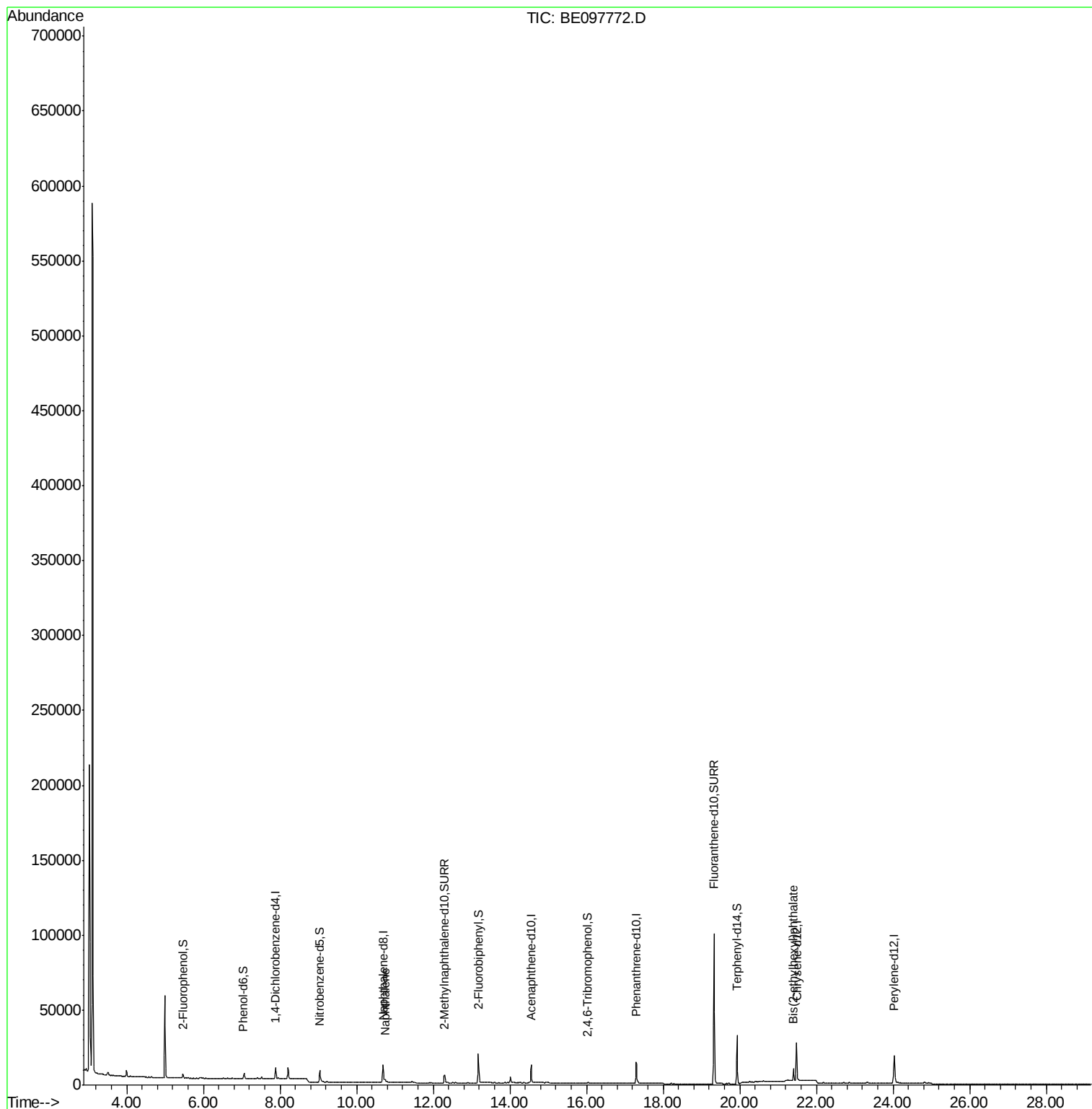
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.74	128	3038	0.022	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.40	149	10228	0.167	ng	# 100

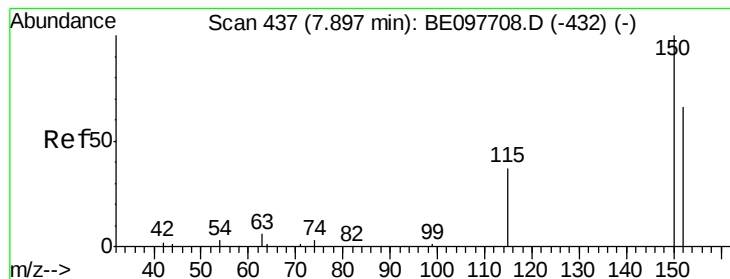
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.01 min

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ClientSampleId :

RE-104D3-20181003

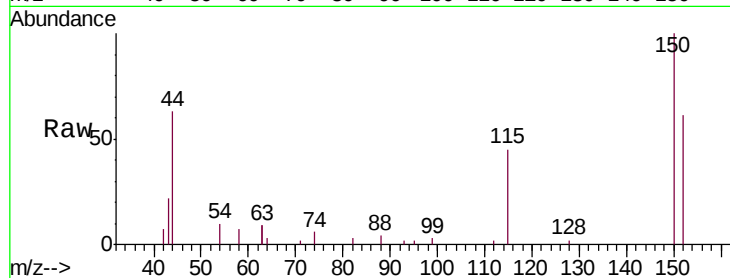
Tgt Ion:152 Resp: 3452

Ion Ratio Lower Upper

152 100

150 162.9 120.9 181.3

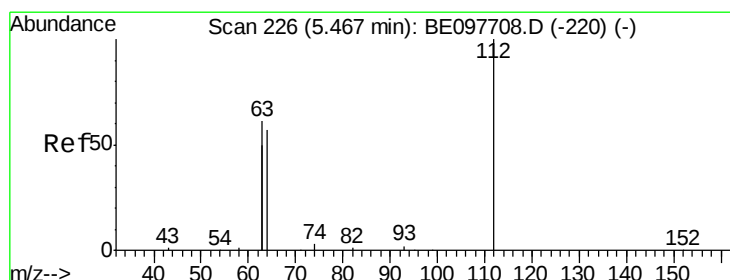
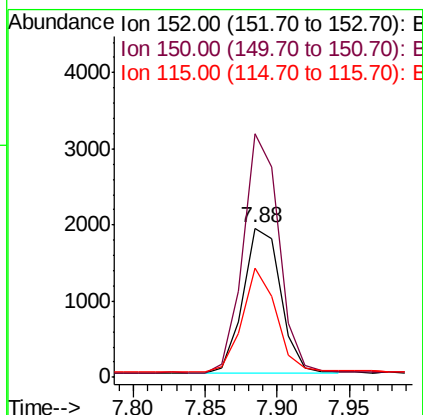
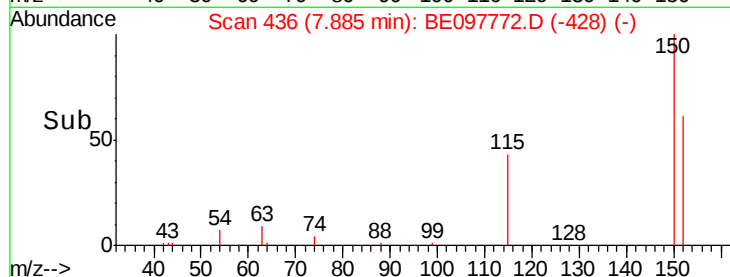
115 73.0 46.6 69.8#



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



#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097772.D

Acq: 6 Oct 2018 2:25

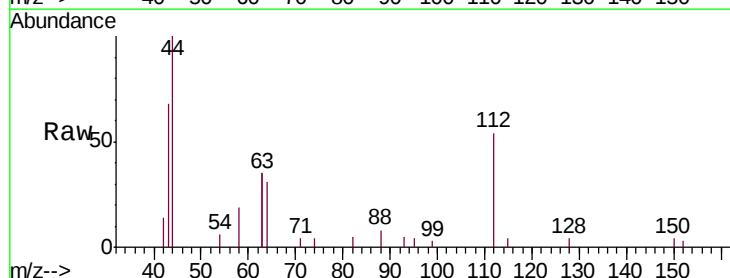
Tgt Ion:112 Resp: 1409

Ion Ratio Lower Upper

112 100

64 70.3 56.6 84.8

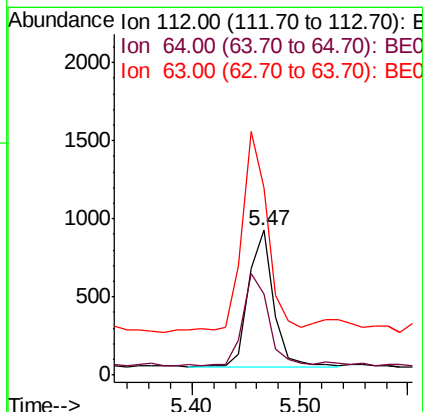
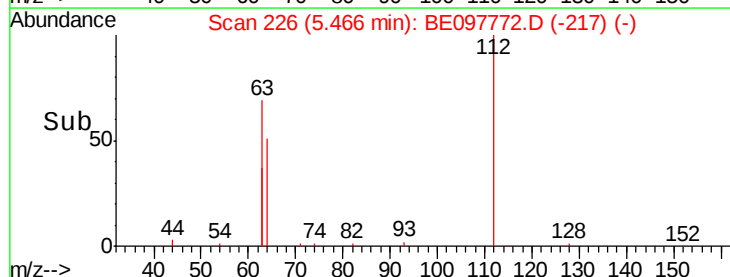
63 143.2 119.4 179.0

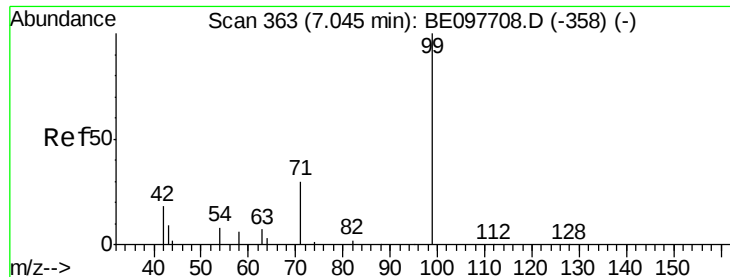


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.095 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097772.D

Acq: 6 Oct 2018 2:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D3-20181003

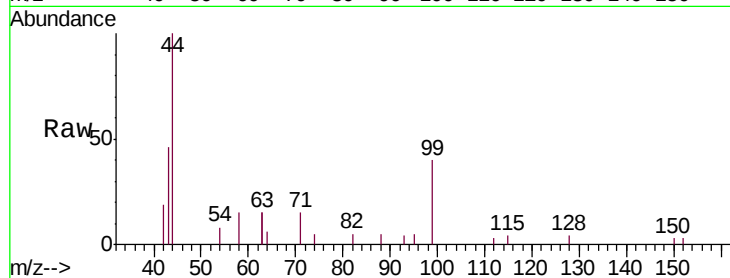
Tgt Ion: 99 Resp: 1187

Ion Ratio Lower Upper

99 100

42 48.6 19.9 29.9#

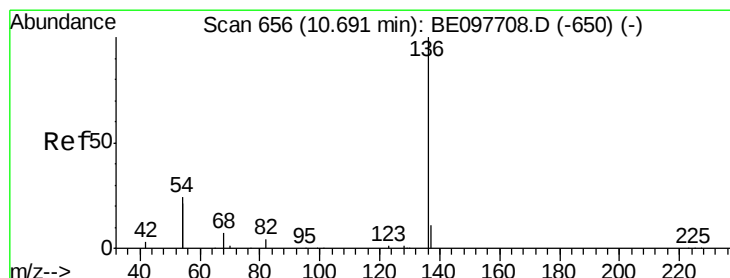
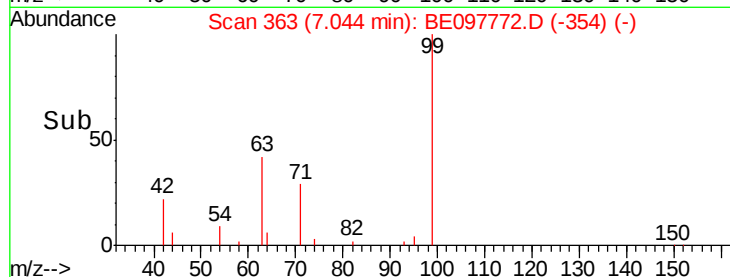
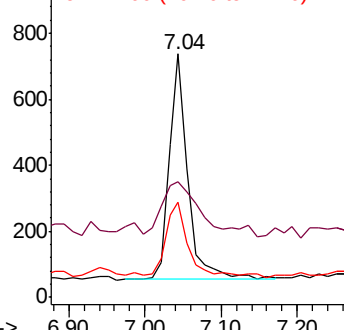
71 41.8 25.4 38.2#



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: BE097772.D

Acq: 6 Oct 2018 2:25

Tgt Ion: 136 Resp: 13652

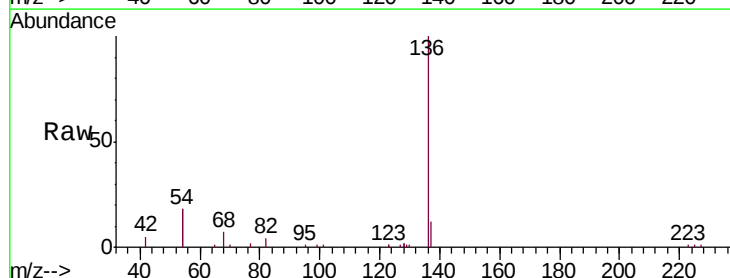
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.4

54 37.0 37.8 56.6#

68 7.0 6.4 9.6

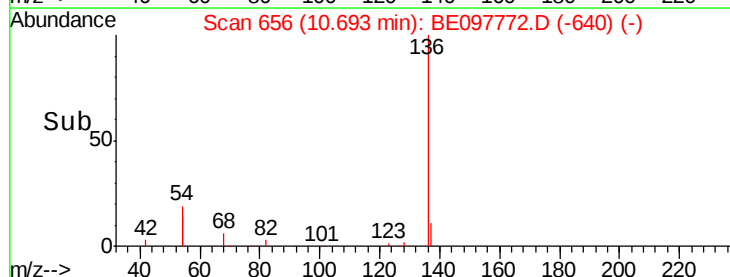
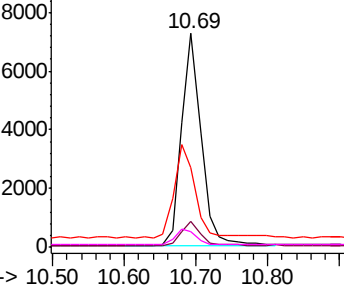


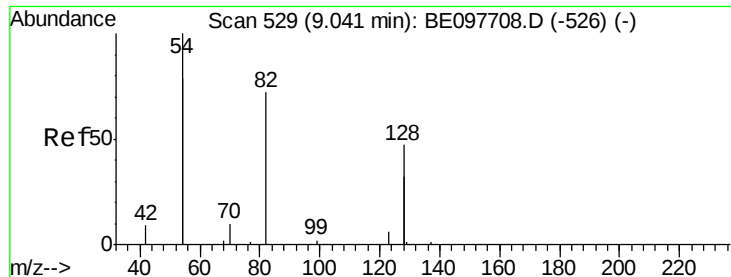
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.766 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097772.D

Acq: 6 Oct 2018 2:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D3-20181003

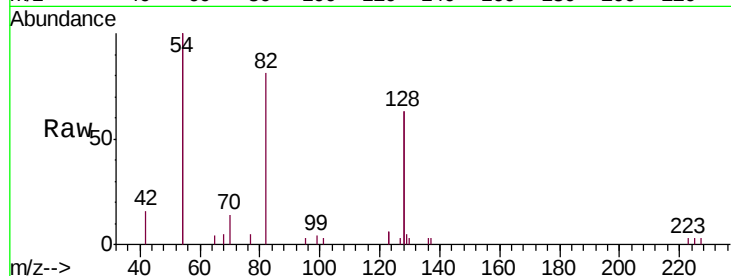
Tgt Ion: 82 Resp: 3395

Ion Ratio Lower Upper

82 100

128 154.1 97.0 145.4#

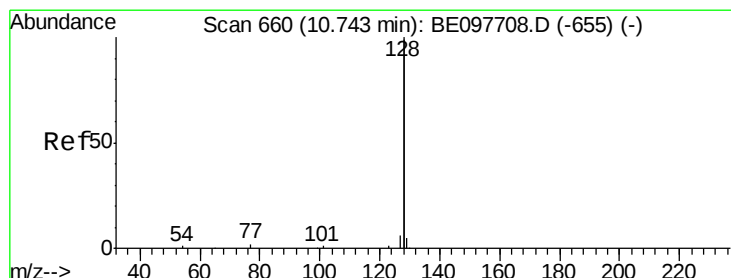
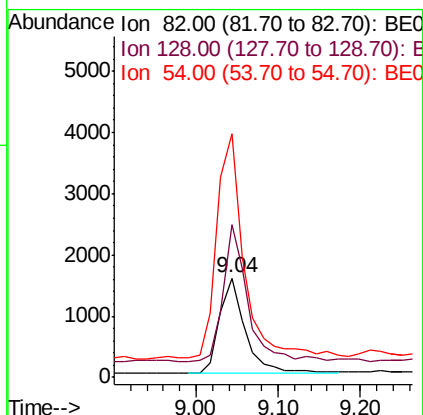
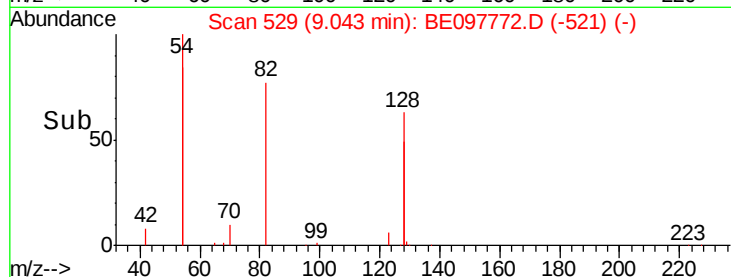
54 245.9 206.9 310.3



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



#9

Naphthalene

Concen: 0.022 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097772.D

Acq: 6 Oct 2018 2:25

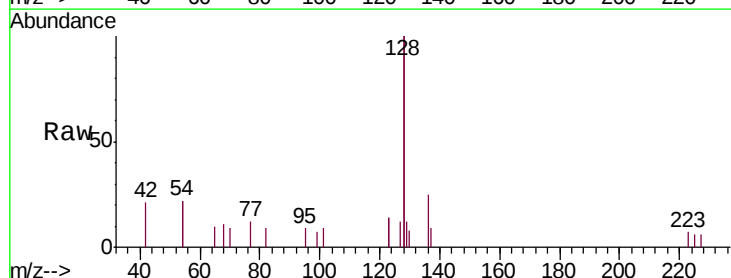
Tgt Ion: 128 Resp: 3038

Ion Ratio Lower Upper

128 100

129 6.0 2.2 3.2#

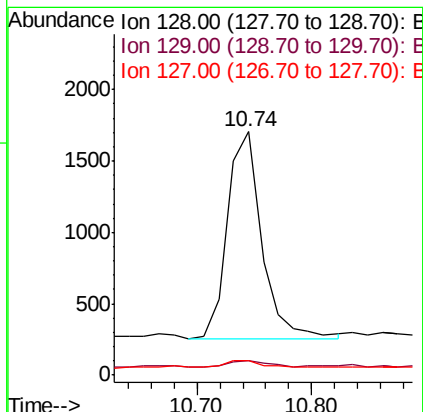
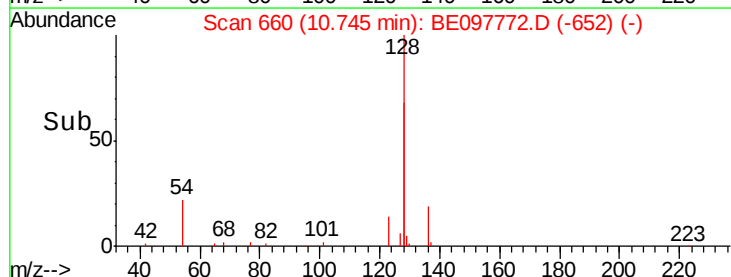
127 6.2 2.7 4.1#

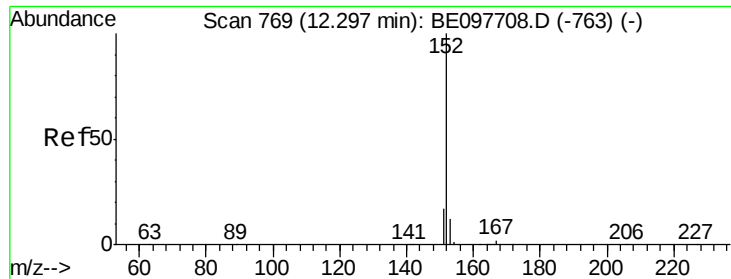


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

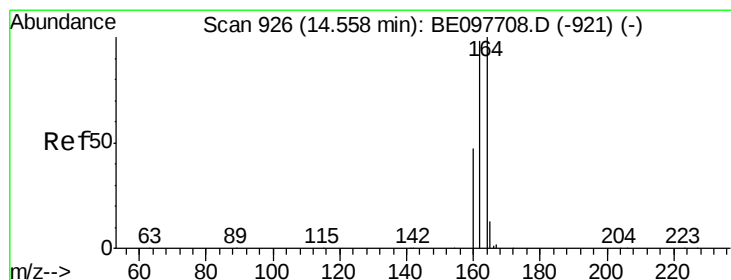
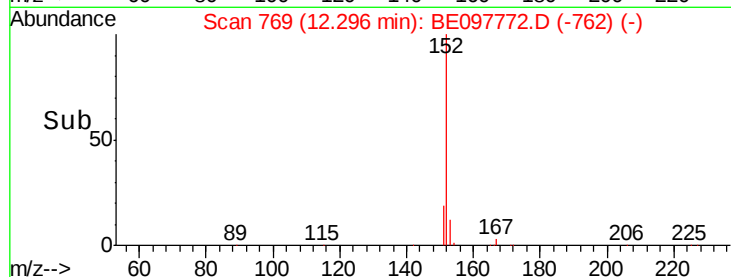
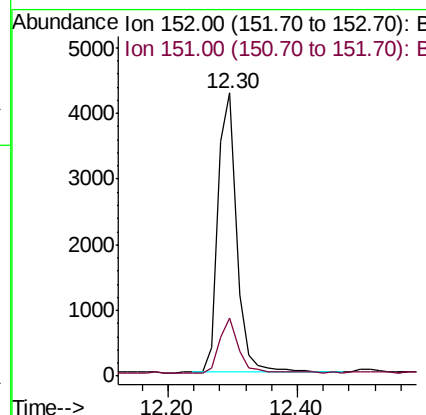
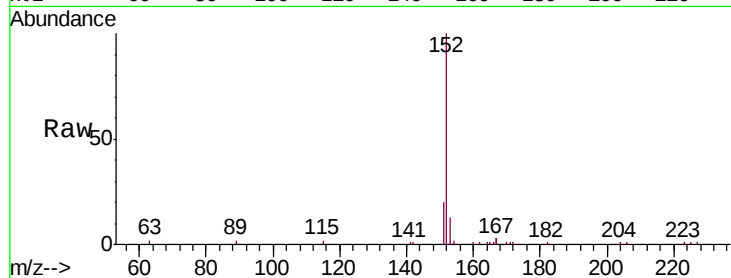




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097772.D
 Acq: 6 Oct 2018 2:25

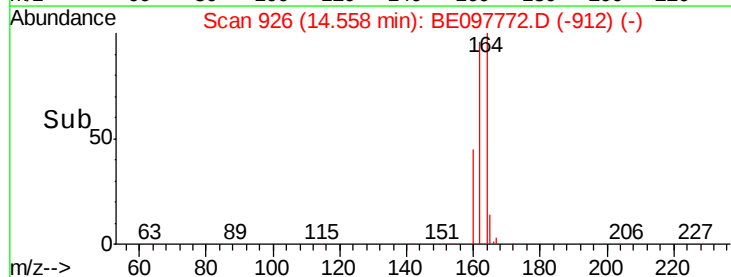
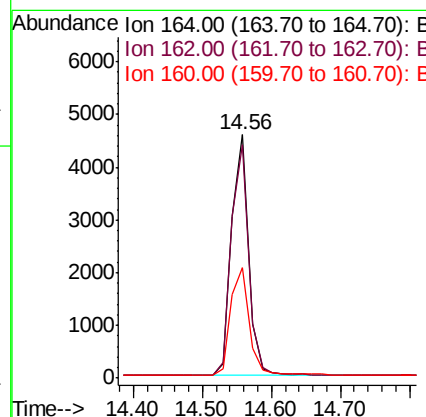
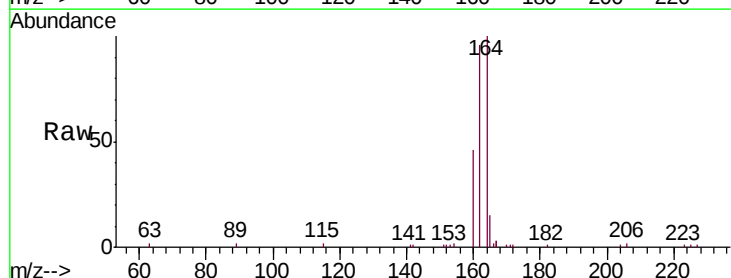
Instrument :
 MSVOA_V
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 RE-104D3-20181003

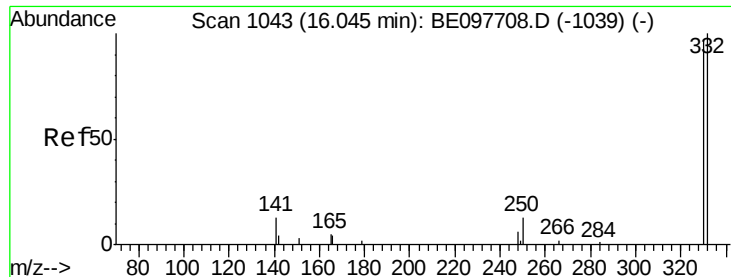
Tgt Ion:152 Resp: 8589
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097772.D
 Acq: 6 Oct 2018 2:25

Tgt Ion:164 Resp: 7790
 Ion Ratio Lower Upper
 164 100
 162 95.7 78.6 117.8
 160 45.6 37.8 56.6

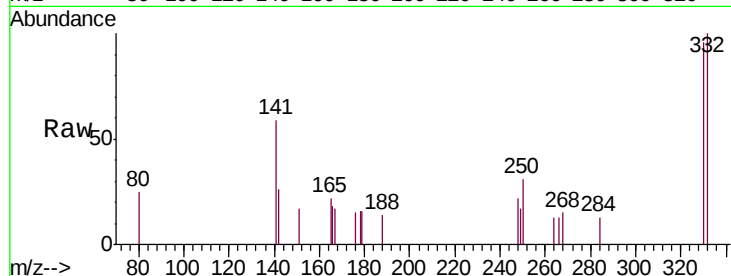




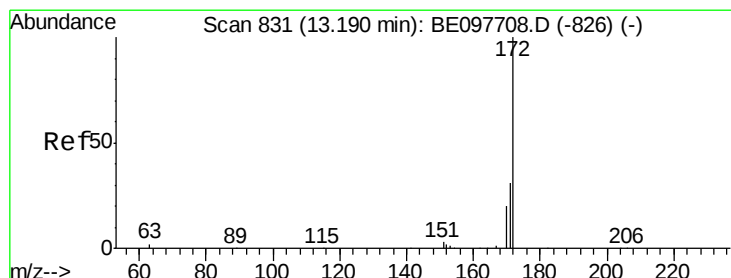
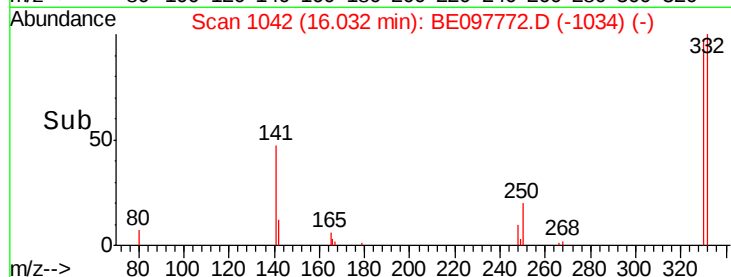
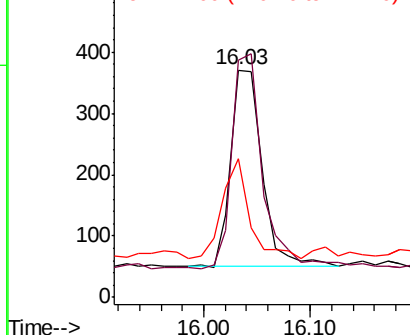
#14
 2,4,6-Tribromophenol
 Concen: 0.460 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097772.D
 Acq: 6 Oct 2018 2:25

Instrument :
 MSVOA_V
 ClientSampleId :
 RE-104D3-20181003

Tgt Ion:330 Resp: 649
 Ion Ratio Lower Upper
 330 100
 332 108.6 83.5 125.3
 141 43.0 34.9 52.3

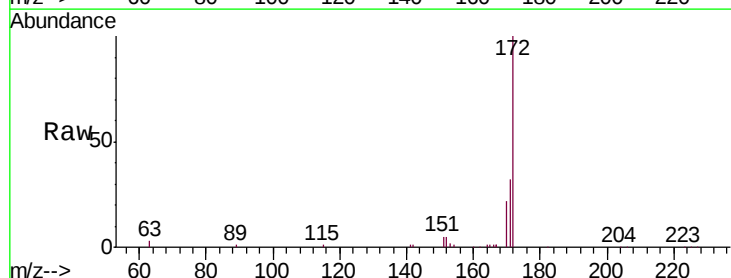


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

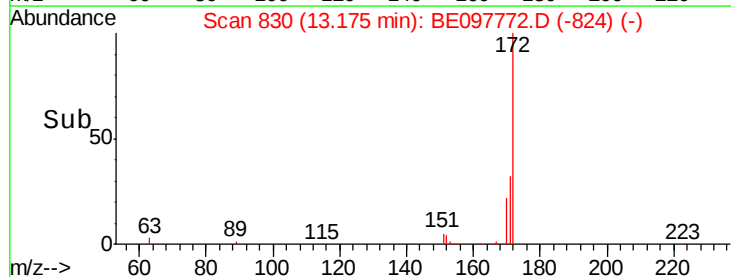
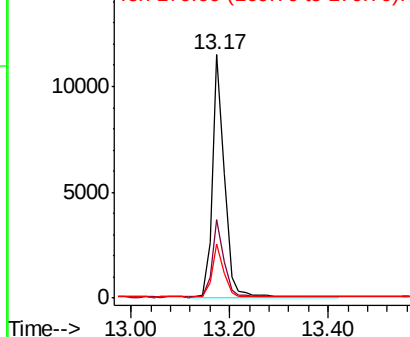


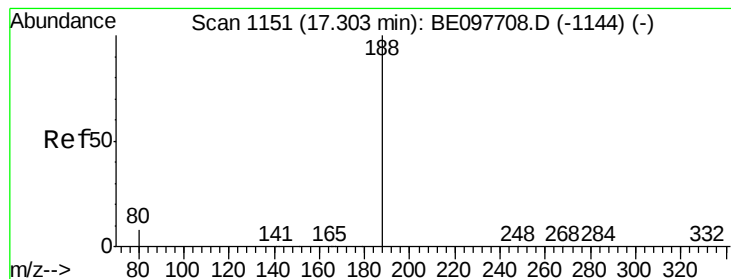
#15
 2-Fluorobiphenyl
 Concen: 0.552 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BE097772.D
 Acq: 6 Oct 2018 2:25

Tgt Ion:172 Resp: 18941
 Ion Ratio Lower Upper
 172 100
 171 32.3 25.2 37.8
 170 22.5 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: BE097772.D

Acq: 6 Oct 2018 2:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D3-20181003

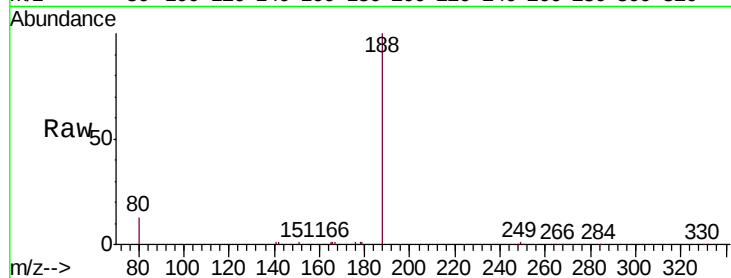
Tgt Ion:188 Resp: 22652

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

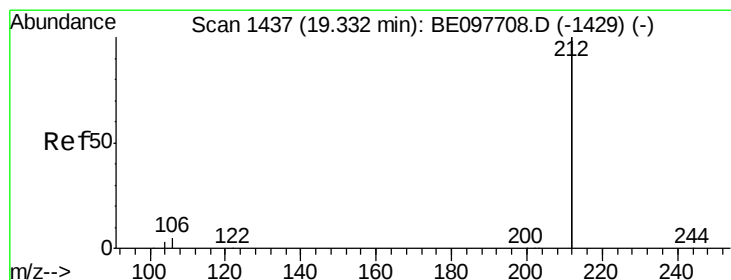
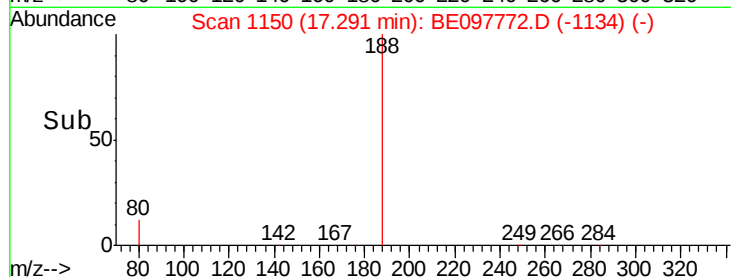
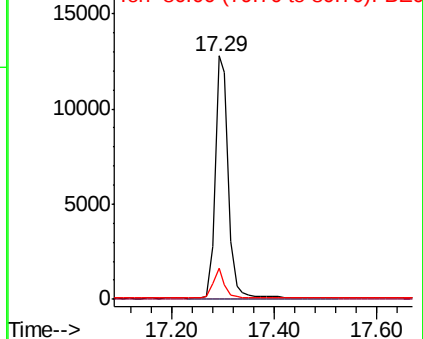
80 12.7 6.6 9.8#



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: 0.465 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097772.D

Acq: 6 Oct 2018 2:25

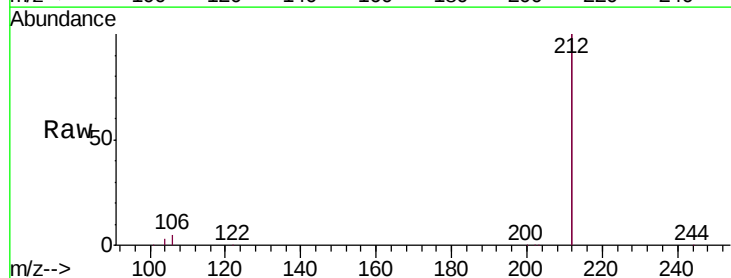
Tgt Ion:212 Resp: 133402

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

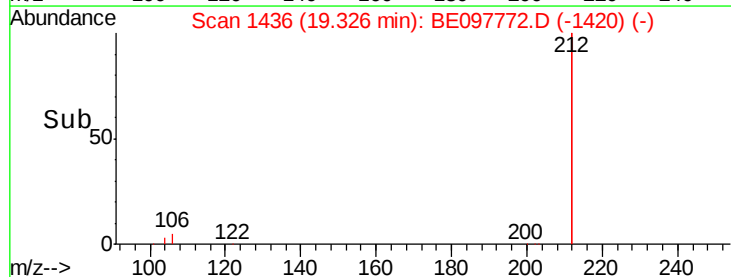
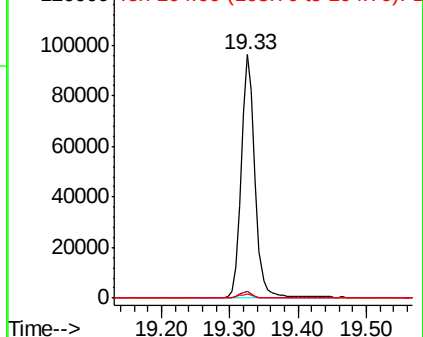
104 1.5 1.2 1.8

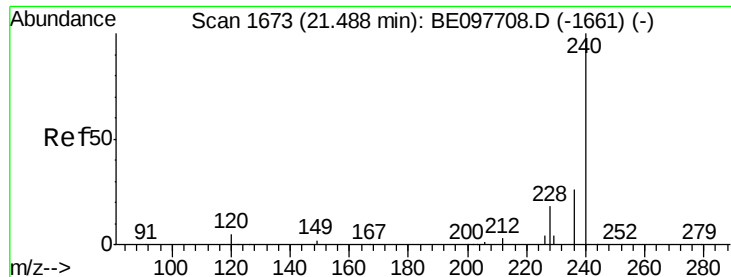


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097772.D

Acq: 6 Oct 2018 2:25

Instrument :

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ClientSampleId :

RE-104D3-20181003

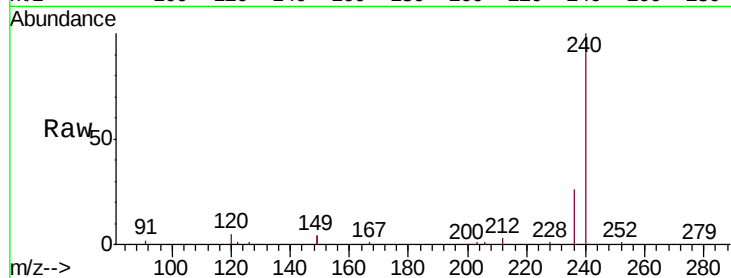
Tgt Ion:240 Resp: 31206

Ion Ratio Lower Upper

240 100

120 4.6 4.7 7.1#

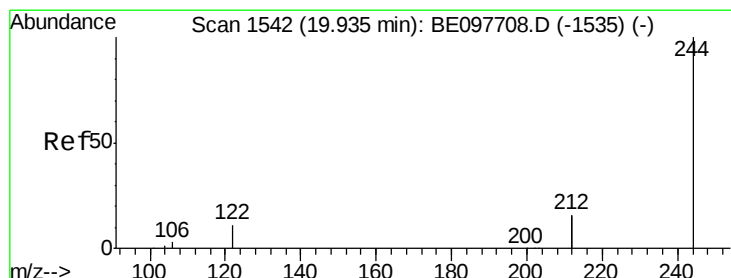
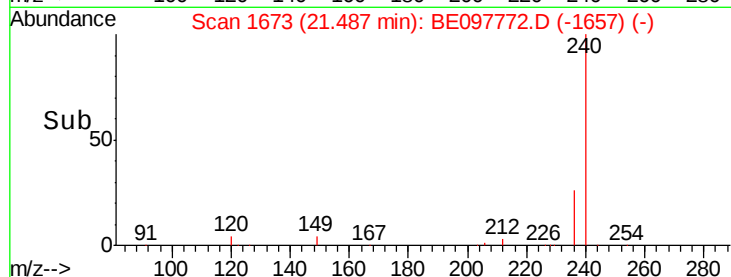
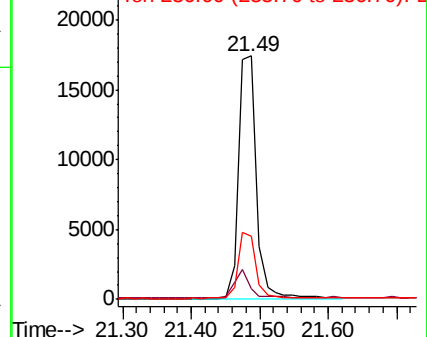
236 26.1 20.8 31.2



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: 0.440 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097772.D

Acq: 6 Oct 2018 2:25

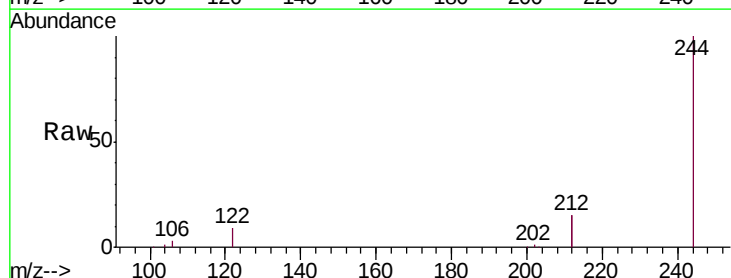
Tgt Ion:244 Resp: 28027

Ion Ratio Lower Upper

244 100

212 30.7 25.8 38.8

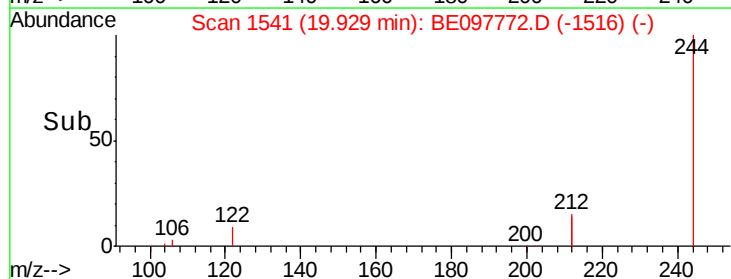
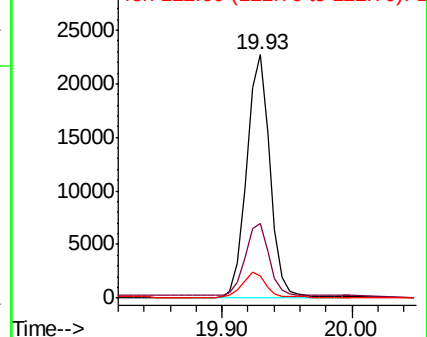
122 9.1 8.7 13.1

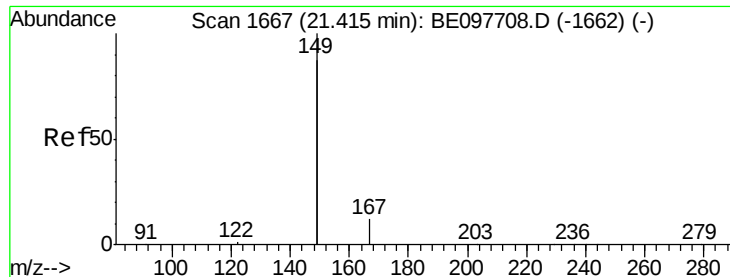


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.167 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097772.D

Acq: 6 Oct 2018 2:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D3-20181003

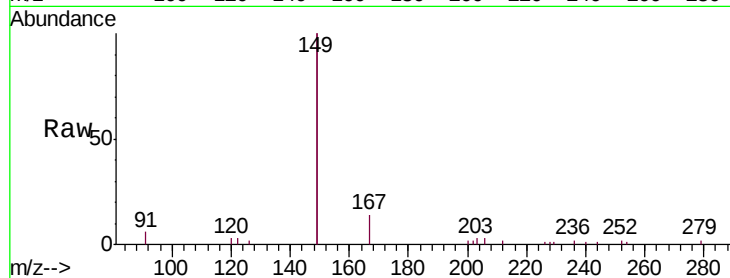
Tgt Ion:149 Resp: 10228

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

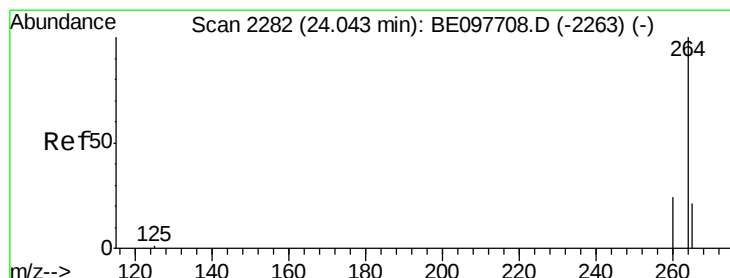
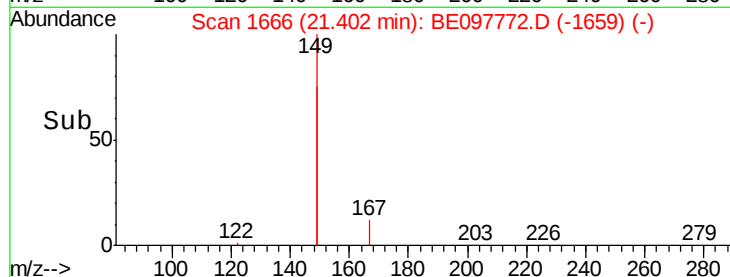
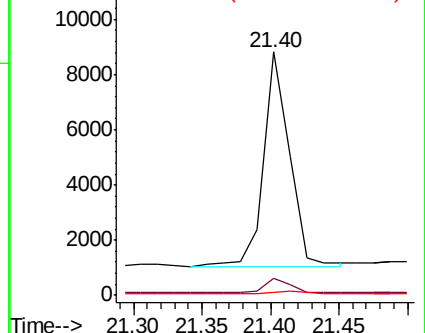
279 1.7 0.9 1.3#



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: BE097772.D

Acq: 6 Oct 2018 2:25

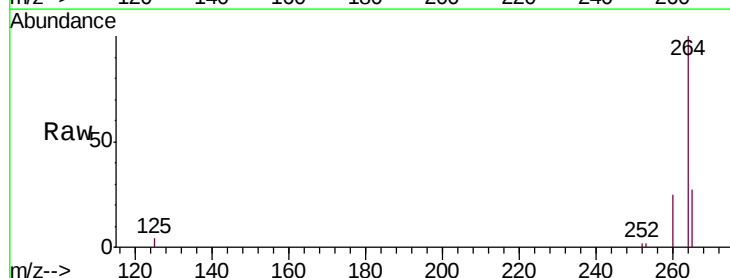
Tgt Ion:264 Resp: 29722

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

265 26.9 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

