

Data File : BE097770.D
Acq On : 6 Oct 2018 00:25
Operator : SJ/JU
Sample : J5284-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
RE-104D2-20181003

Quant Time: Oct 06 04:21:23 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

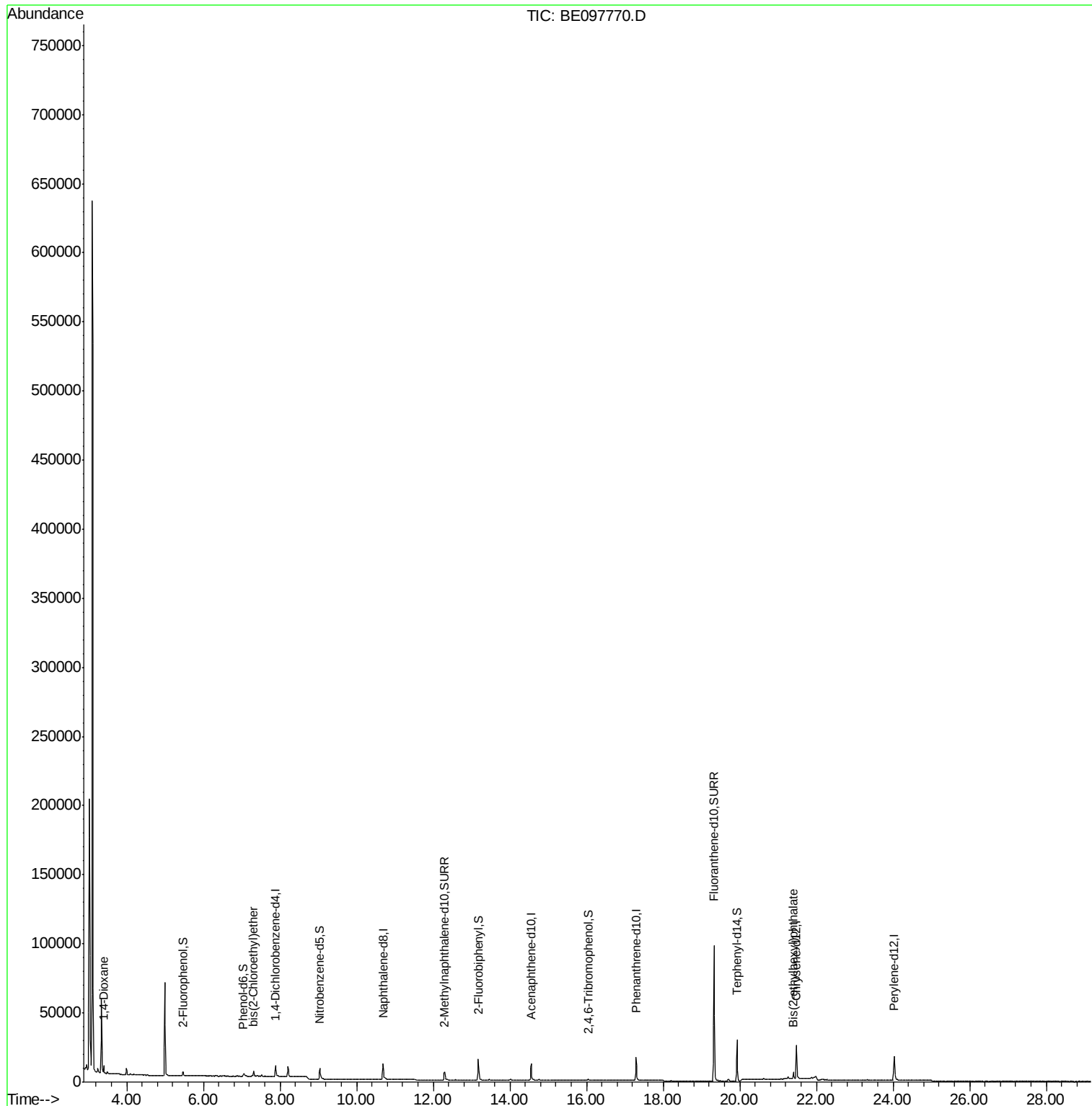
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3566	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	14231	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8047	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	23004	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	28896	0.40	ng	-0.01
34) Perylene-d12	24.03	264	28620	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1650	0.20	ng	0.00
5) Phenol-d6	7.04	99	1230	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	3630	0.79	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9201	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	722	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	15293	0.43	ng	-0.02
25) Fluoranthene-d10	19.33	212	133791	0.46	ng	0.00
29) Terphenyl-d14	19.93	244	25812	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	3125	0.440	ng	Qvalue # 80
6) bis(2-Chloroethyl)ether	7.31	93	1448	0.108	ng	98
32) Bis(2-ethylhexyl)phthalate	21.40	149	5850	0.103	ng	100

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

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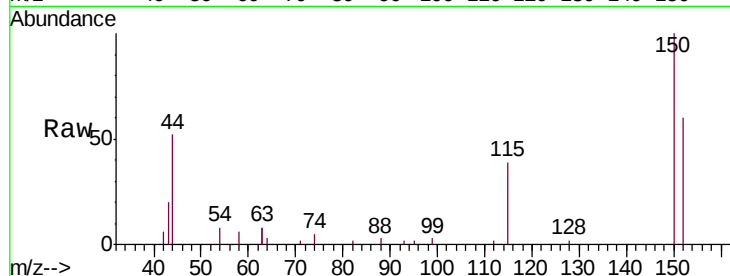


#1

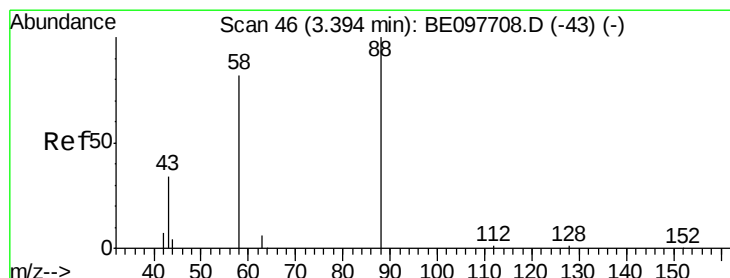
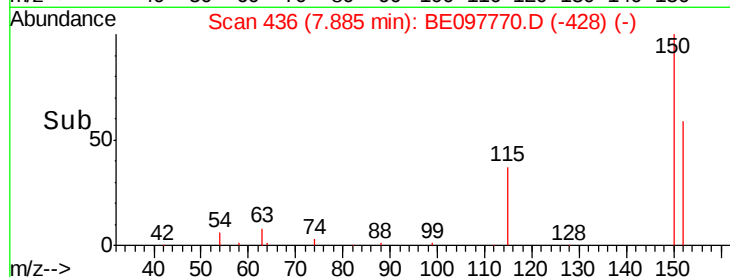
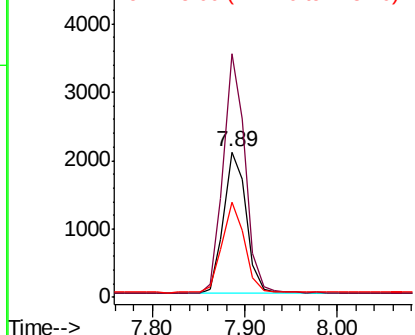
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097770.D
Acq: 6 Oct 2018 00:25

Instrument :
MSVOA_V
ClientSampleId :
RE-104D2-20181003

Tgt Ion:152 Resp: 3566
Ion Ratio Lower Upper
152 100
150 167.9 120.9 181.3
115 65.6 46.6 69.8



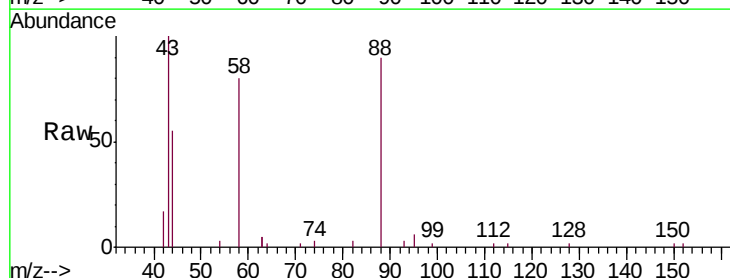
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



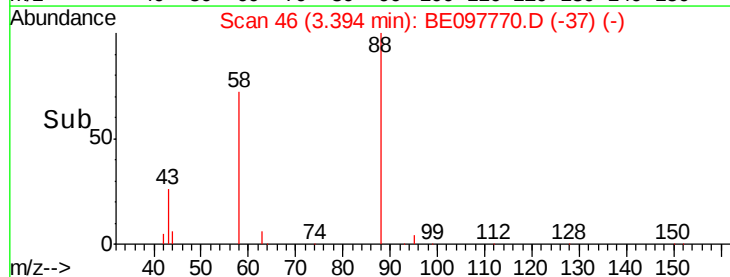
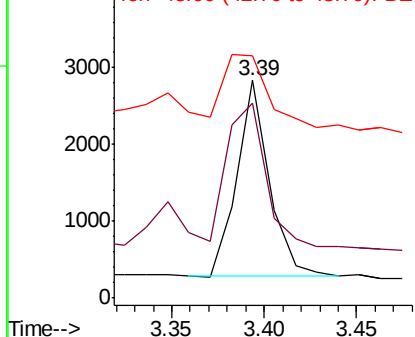
#2

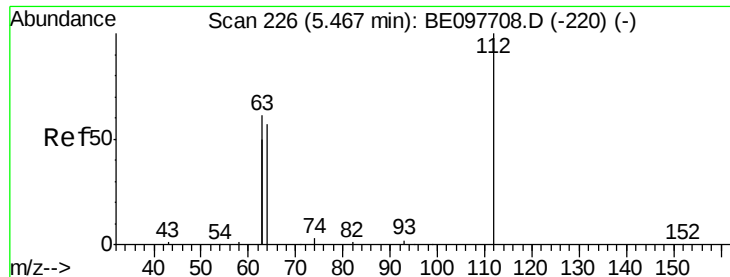
1,4-Dioxane
Concen: 0.440 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097770.D
Acq: 6 Oct 2018 00:25

Tgt Ion: 88 Resp: 3125
Ion Ratio Lower Upper
88 100
58 110.5 70.8 106.2#
43 49.9 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: 0.196 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D2-20181003

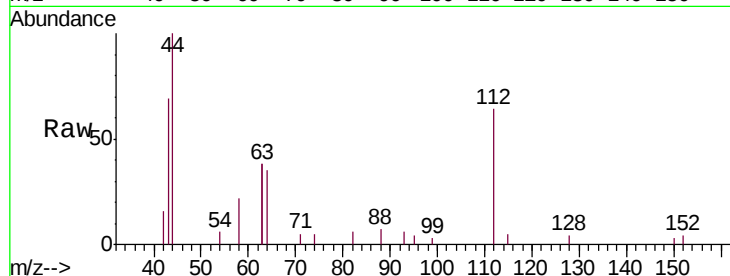
Tgt Ion: 112 Resp: 1650

Ion Ratio Lower Upper

112 100

64 72.5 56.6 84.8

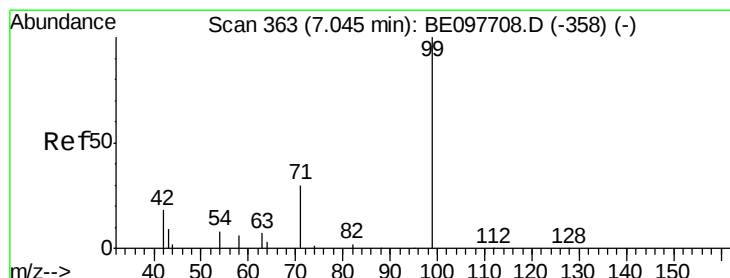
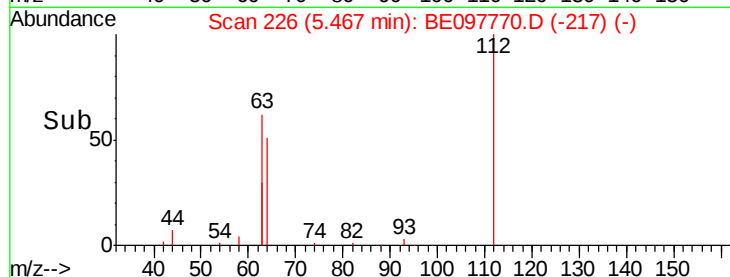
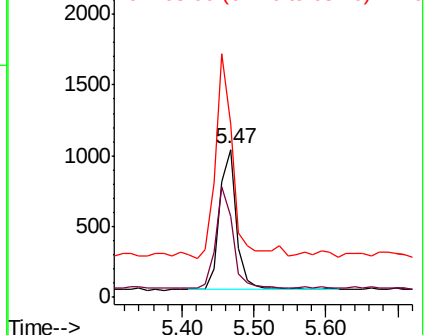
63 144.6 119.4 179.0



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: 0.095 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

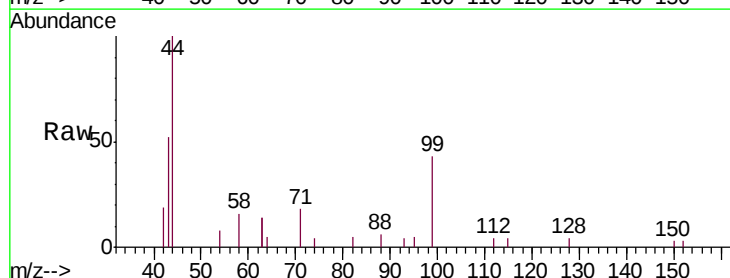
Tgt Ion: 99 Resp: 1230

Ion Ratio Lower Upper

99 100

42 33.0 19.9 29.9#

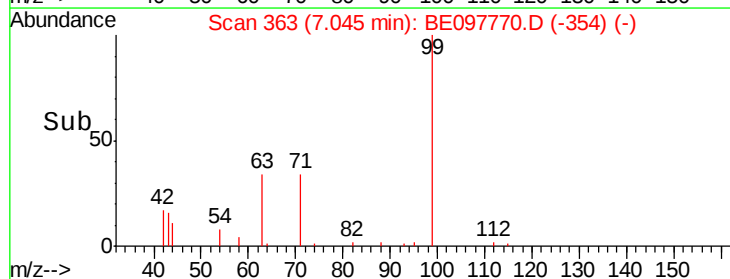
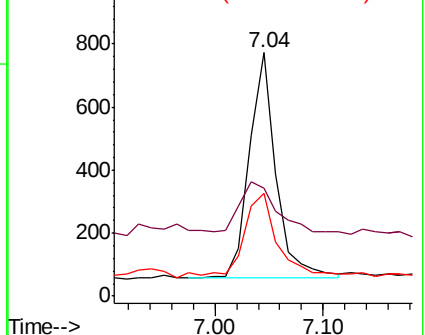
71 50.3 25.4 38.2#

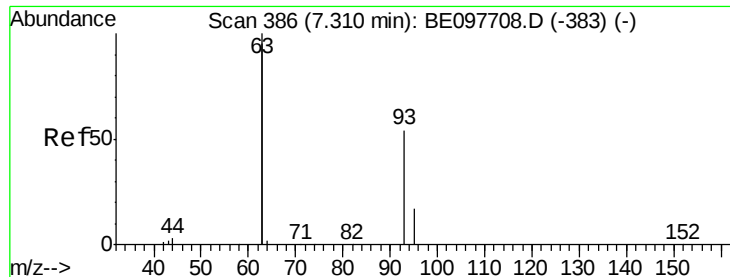


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.108 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D2-20181003

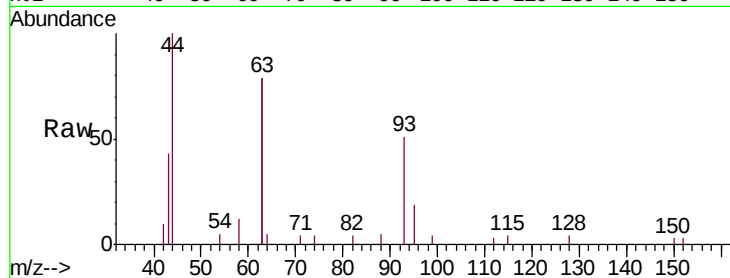
Tgt Ion: 93 Resp: 1448

Ion Ratio Lower Upper

93 100

63 328.4 266.9 400.3

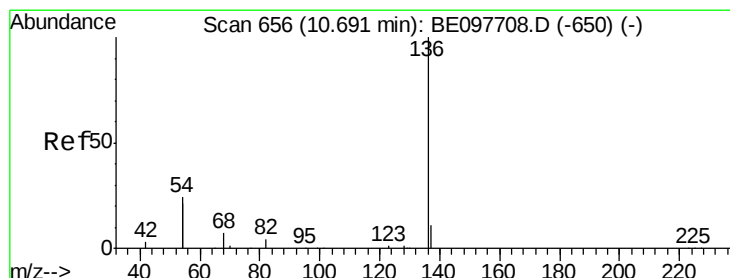
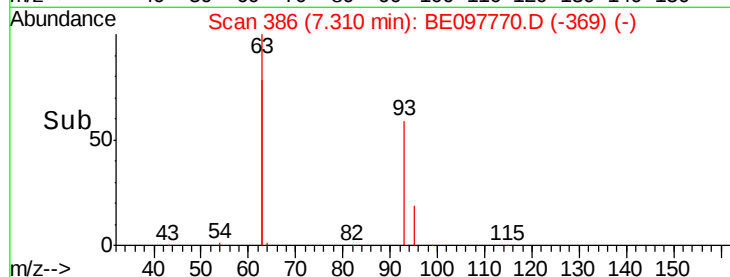
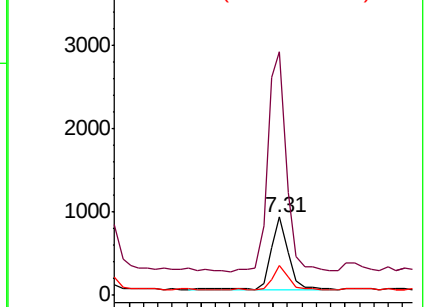
95 32.7 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

Tgt Ion: 136 Resp: 14231

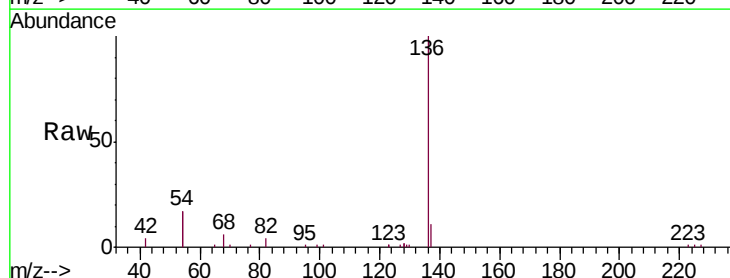
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 33.9 37.8 56.6#

68 6.2 6.4 9.6#

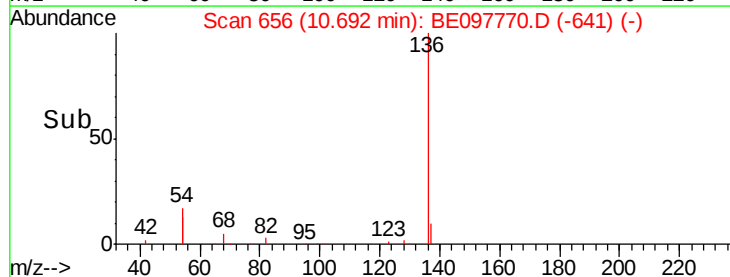
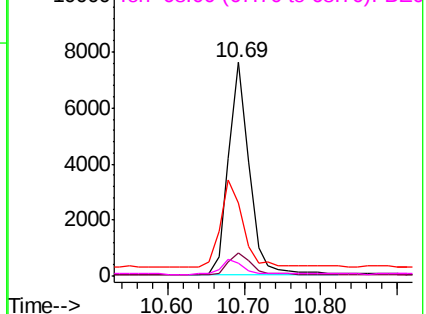


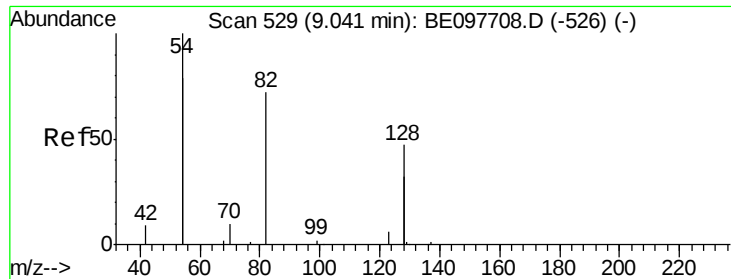
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.786 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D2-20181003

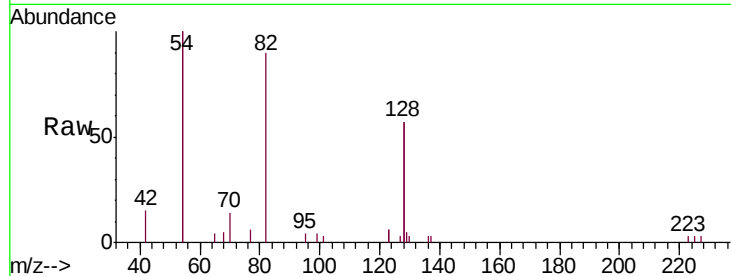
Tgt Ion: 82 Resp: 3630

Ion Ratio Lower Upper

82 100

128 127.7 97.0 145.4

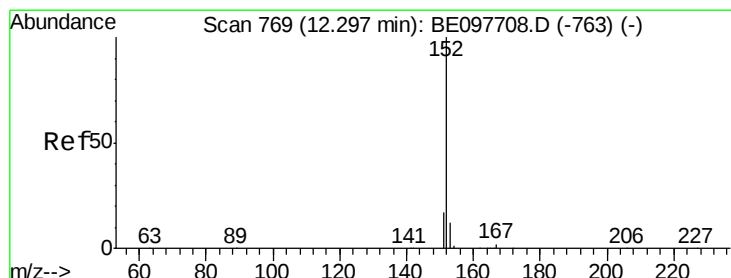
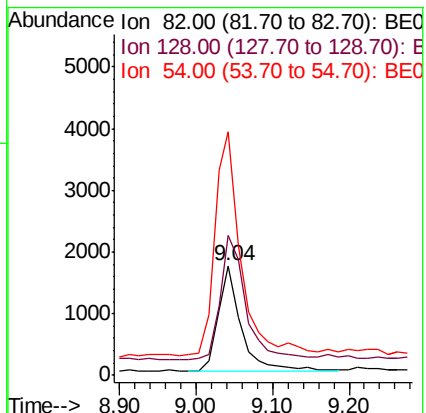
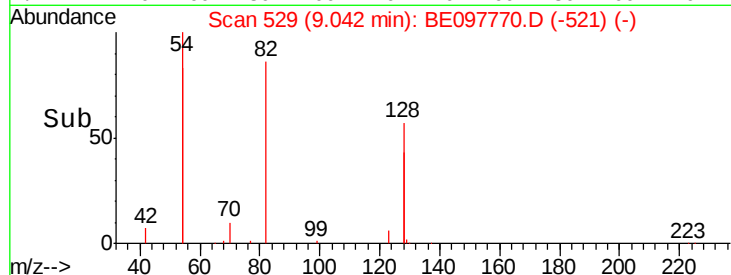
54 222.7 206.9 310.3



Abundance Ion 82.00 (81.70 to 82.70): BE097770.D (-521) (-)

Ion 128.00 (127.70 to 128.70): BE097770.D (-521) (-)

Ion 54.00 (53.70 to 54.70): BE097770.D (-521) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097770.D

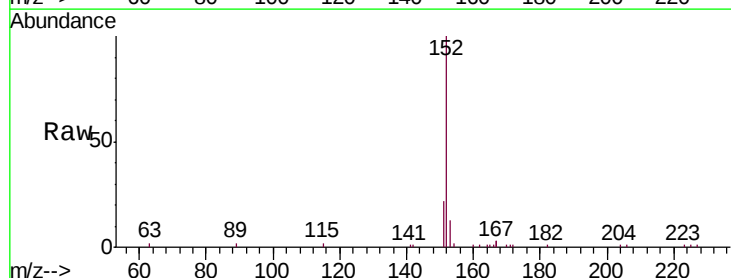
Acq: 6 Oct 2018 00:25

Tgt Ion: 152 Resp: 9201

Ion Ratio Lower Upper

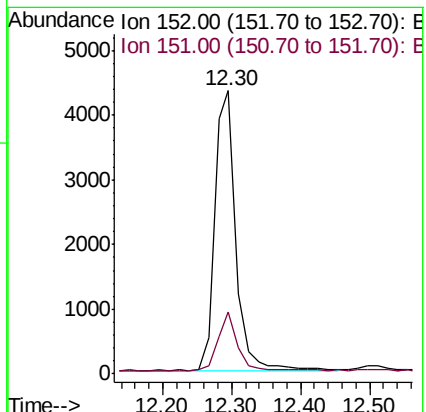
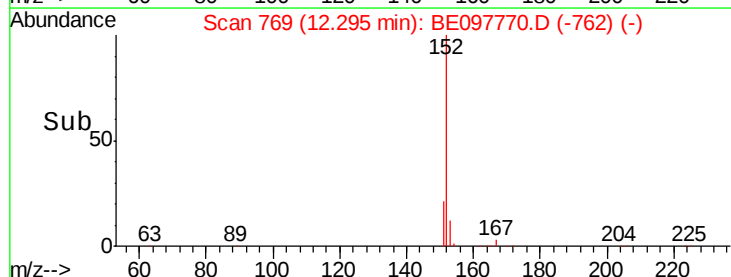
152 100

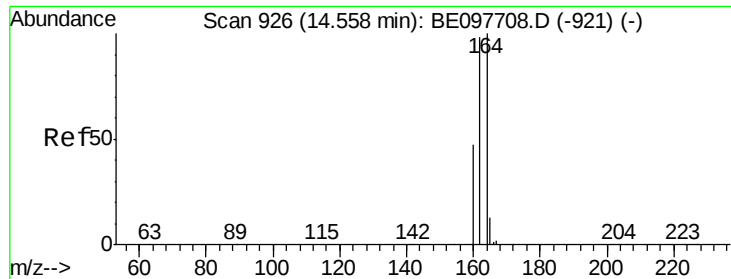
151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BE097770.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE097770.D (-762) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D2-20181003

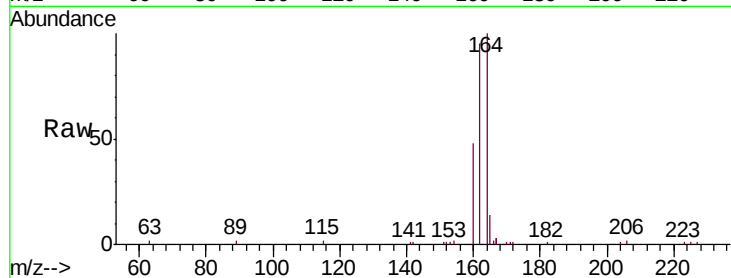
Tgt Ion:164 Resp: 8047

Ion Ratio Lower Upper

164 100

162 95.1 78.6 117.8

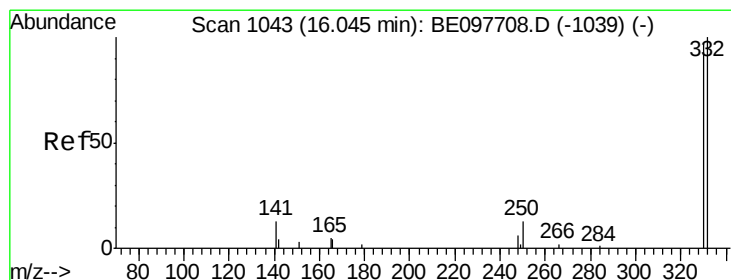
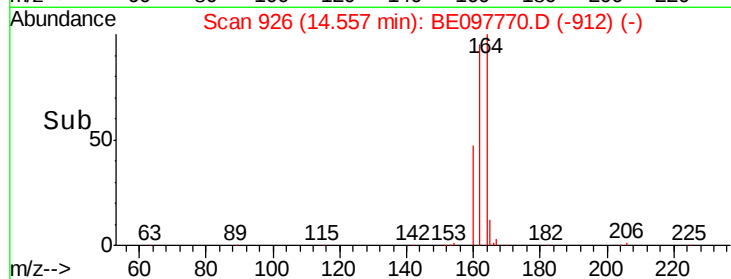
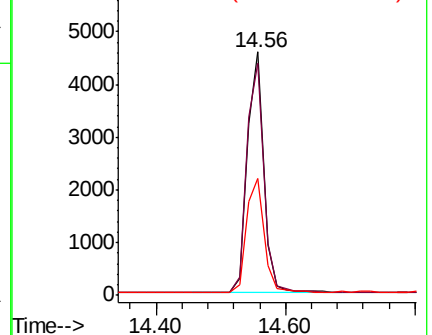
160 47.8 37.8 56.6



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: 0.495 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

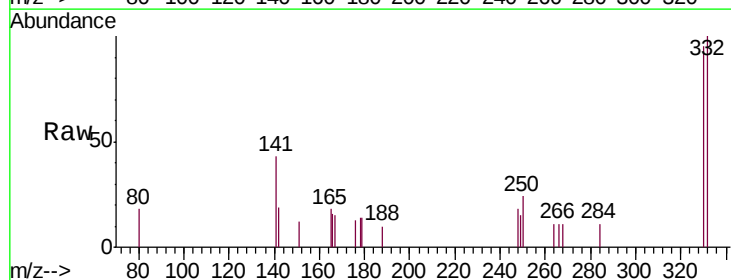
Tgt Ion:330 Resp: 722

Ion Ratio Lower Upper

330 100

332 103.3 83.5 125.3

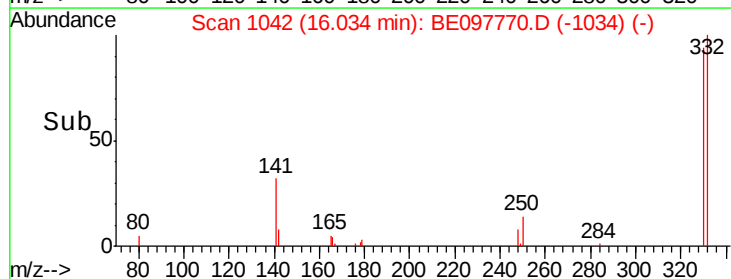
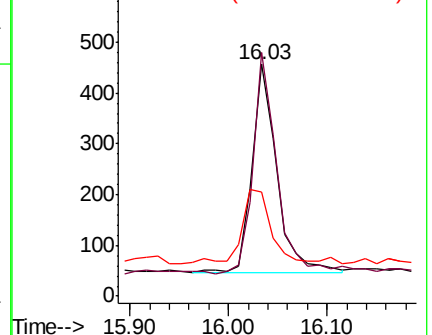
141 39.2 34.9 52.3

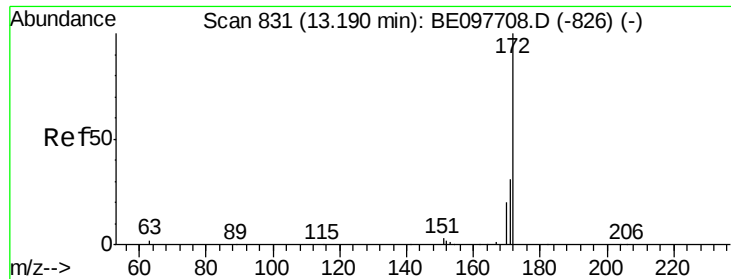


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

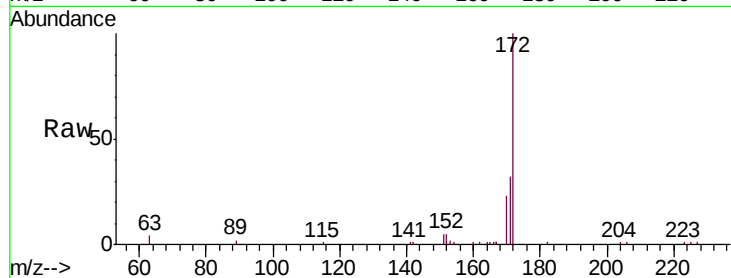




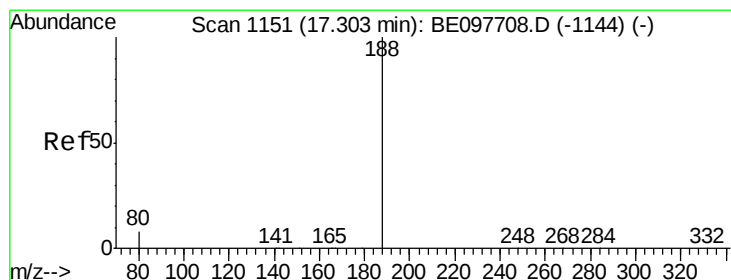
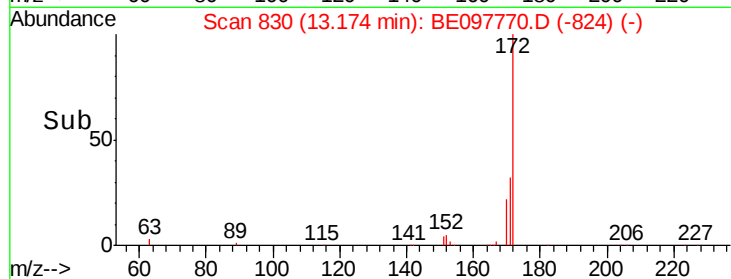
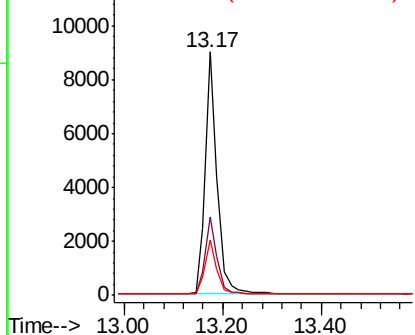
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097770.D
Acq: 6 Oct 2018 00:25

Instrument :
MSVOA_V
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RE-104D2-20181003

Tgt Ion:172 Resp: 15293
Ion Ratio Lower Upper
172 100
171 32.3 25.2 37.8
170 22.6 16.2 24.2

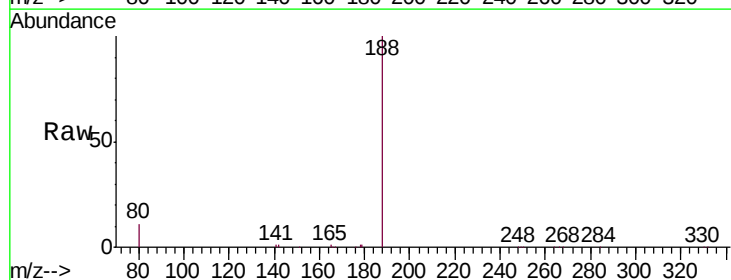


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

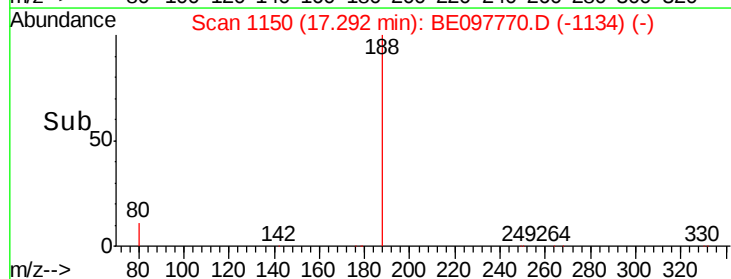
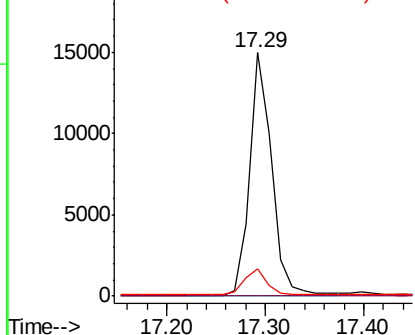


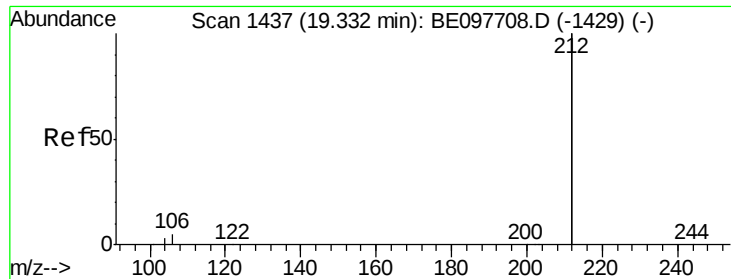
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097770.D
Acq: 6 Oct 2018 00:25

Tgt Ion:188 Resp: 23004
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





#25

Fluoranthene-d10

Concen: 0.460 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D2-20181003

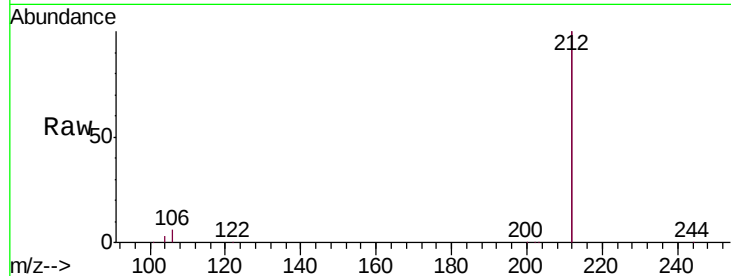
Tgt Ion:212 Resp: 133791

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

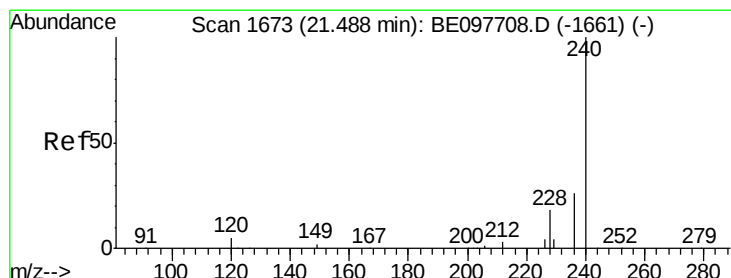
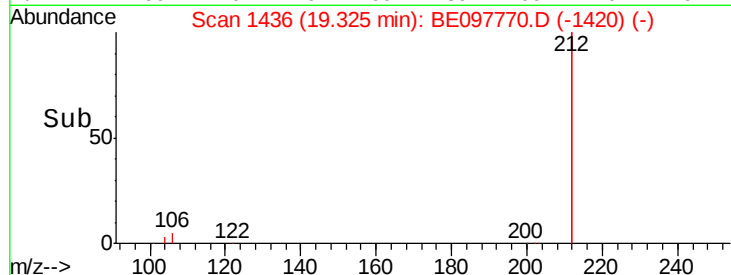
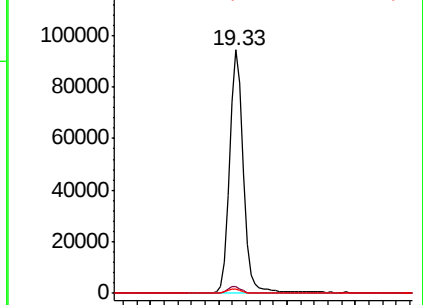
104 1.5 1.2 1.8



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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

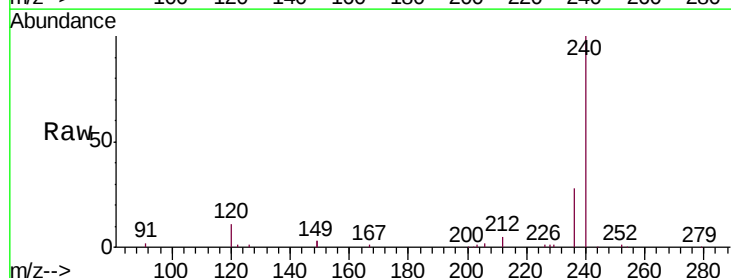
Tgt Ion:240 Resp: 28896

Ion Ratio Lower Upper

240 100

120 11.5 4.7 7.1#

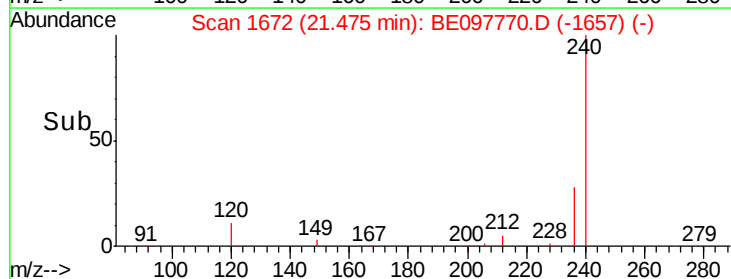
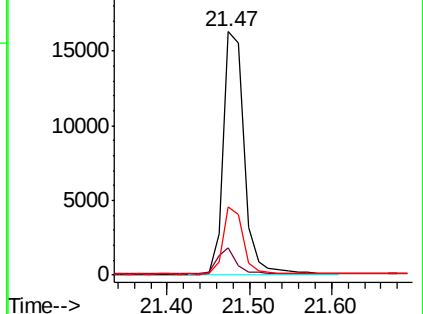
236 28.0 20.8 31.2

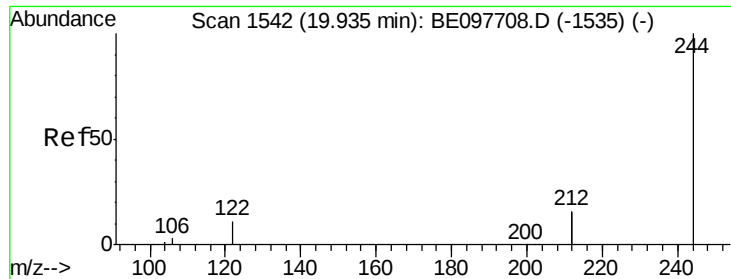


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.438 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

Instrument :

MSVOA_V

ClientSampleId :

RE-104D2-20181003

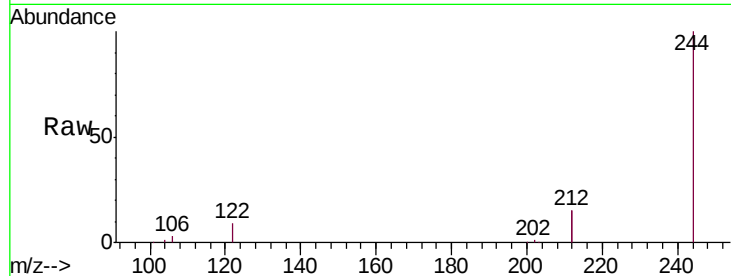
Tgt Ion:244 Resp: 25812

Ion Ratio Lower Upper

244 100

212 30.9 25.8 38.8

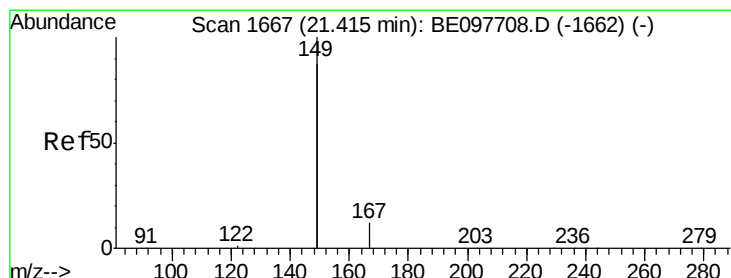
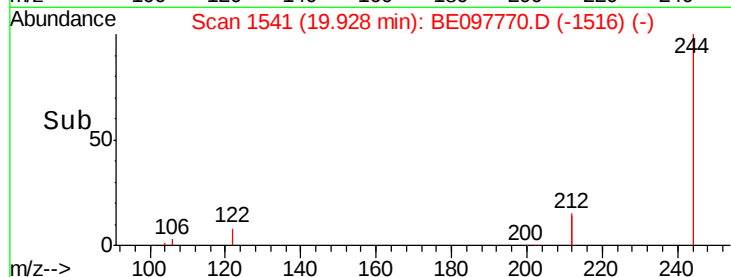
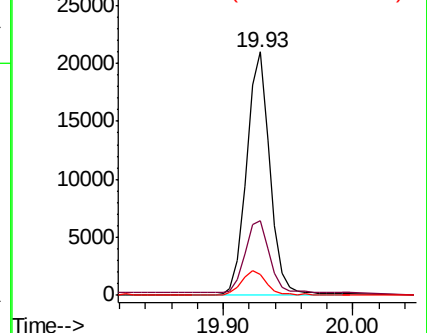
122 8.8 8.7 13.1



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: 0.103 ng

RT: 21.40 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BE097770.D

Acq: 6 Oct 2018 00:25

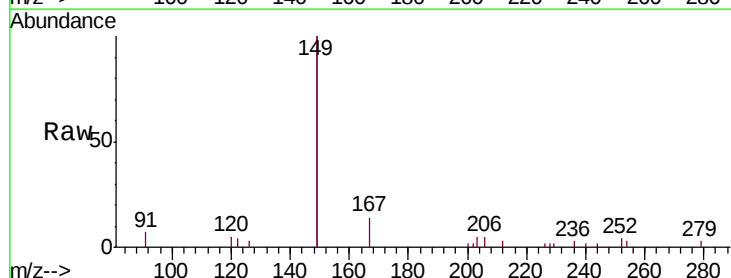
Tgt Ion:149 Resp: 5850

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

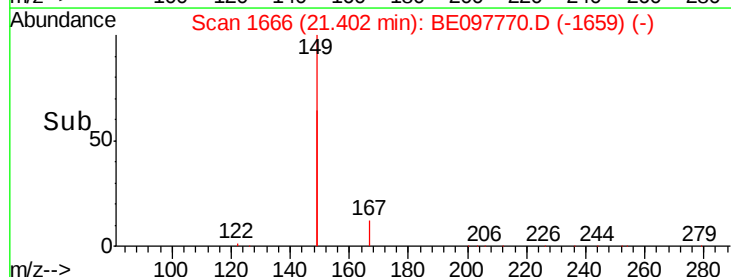
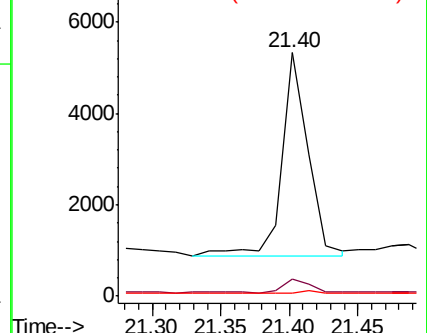
279 1.1 0.9 1.3

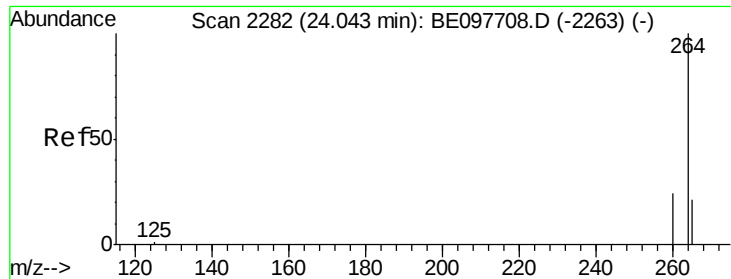


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE097770.D
Acq: 6 Oct 2018 00:25

Instrument :
MSVOA_V
ClientSampleId :
RE-104D2-20181003

Tgt Ion: 264 Resp: 28620
Ion Ratio Lower Upper
264 100
260 24.9 19.1 28.7
265 26.5 21.9 32.9

