

Data File : BE097766.D
Acq On : 5 Oct 2018 21:56
Operator : SJ/JU
Sample : J5284-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
RE-120D1-20181002

Quant Time: Oct 06 04:20:39 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	3730	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	14166	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8195	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	22981	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	31424	0.40	ng	-0.01
34) Perylene-d12	24.03	264	29045	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1602	0.18	ng	0.00
5) Phenol-d6	7.05	99	1354	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	3460	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8850	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	748	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	14803	0.41	ng	-0.02
25) Fluoranthene-d10	19.33	212	132422	0.46	ng	0.00
29) Terphenyl-d14	19.93	244	25352	0.40	ng	0.00

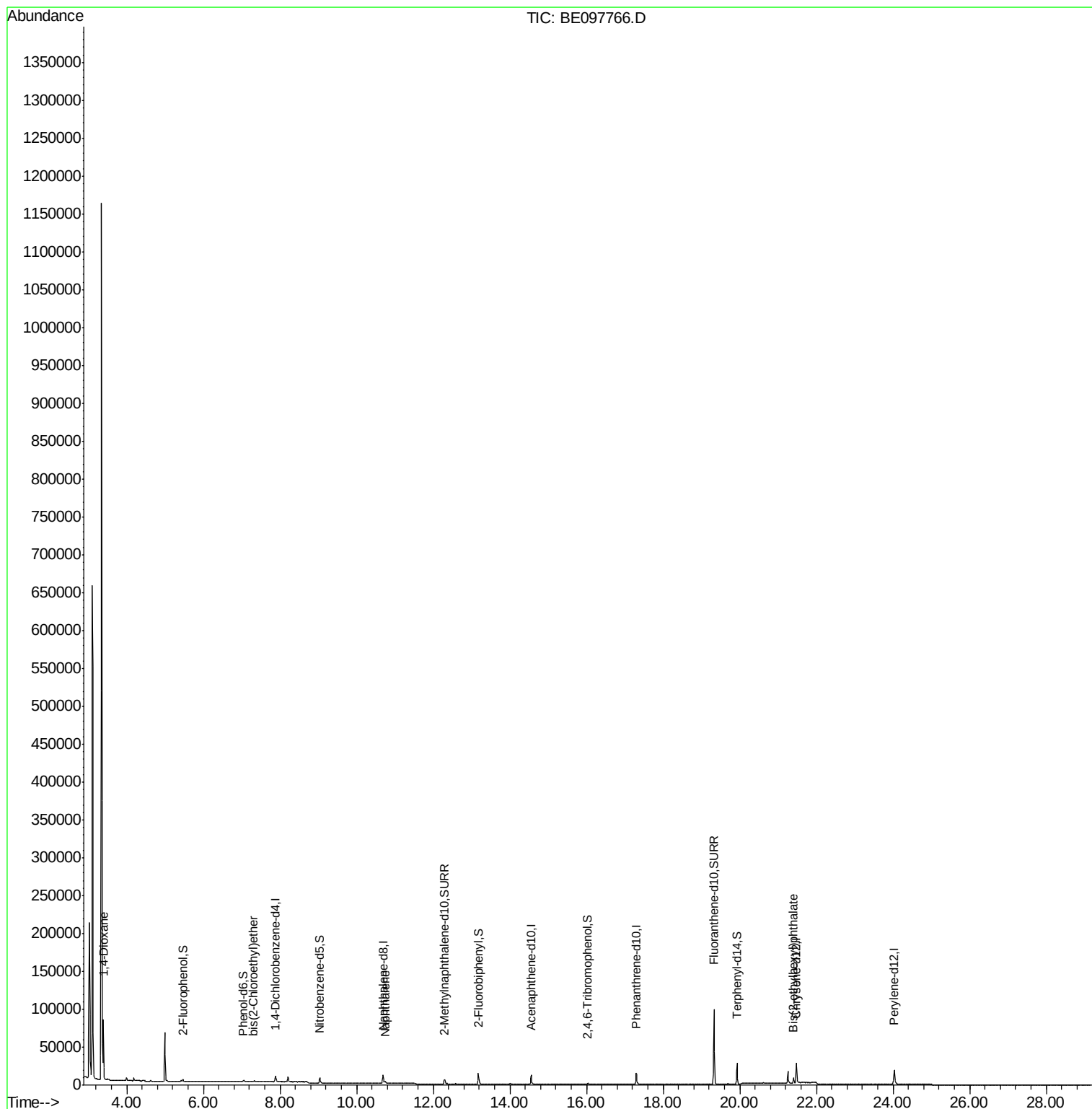
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	48879	6.577	ng	97
6) bis(2-Chloroethyl)ether	7.31	93	387	0.028	ng	# 95
9) Naphthalene	10.74	128	4822	0.034	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.40	149	8698	0.141	ng	# 99

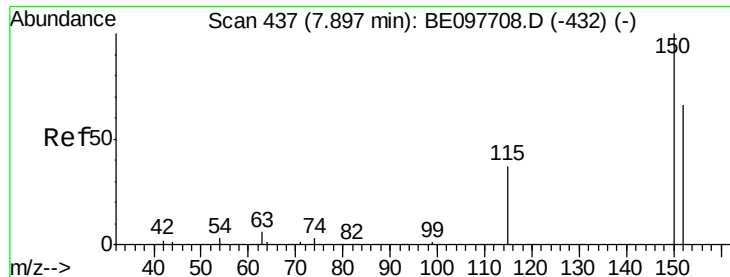
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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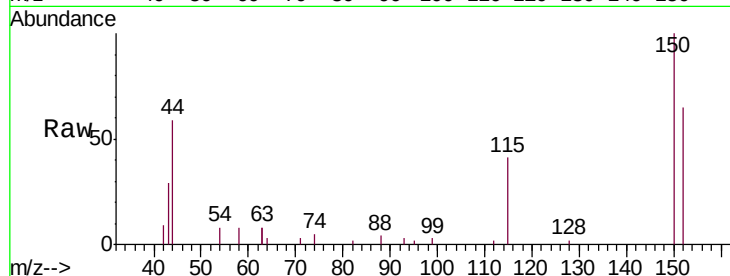


#1

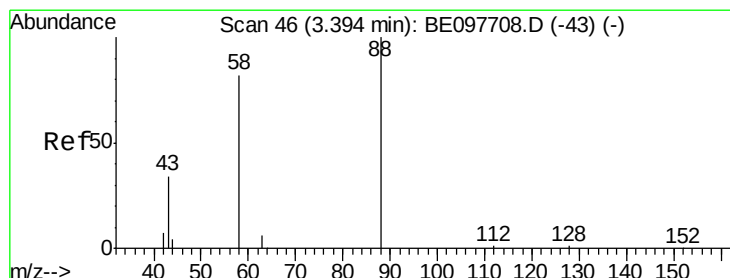
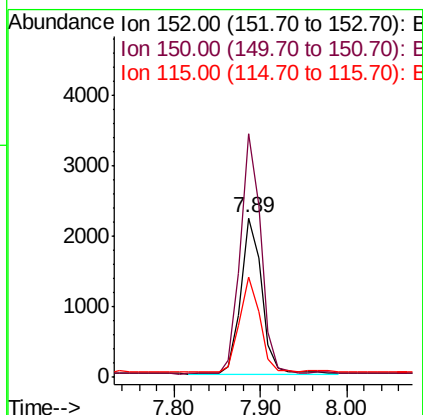
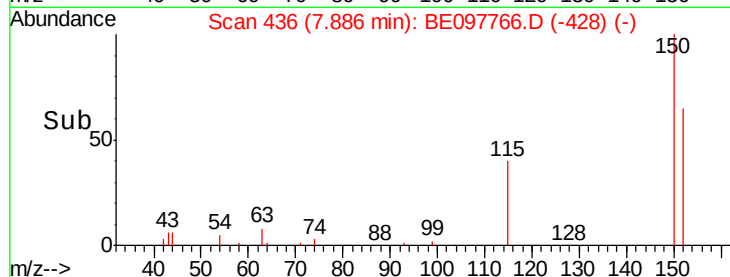
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097766.D
Acq: 5 Oct 2018 21:56

Instrument :
MSVOA_V
ClientSampleId :
RE-120D1-20181002

Tgt Ion:152 Resp: 3730
Ion Ratio Lower Upper
152 100
150 152.9 120.9 181.3
115 63.1 46.6 69.8



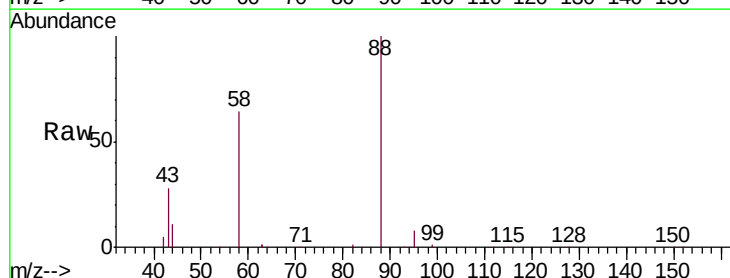
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



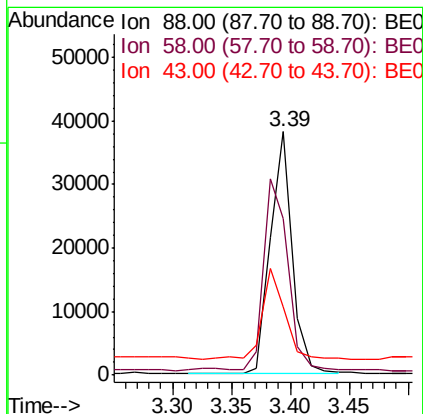
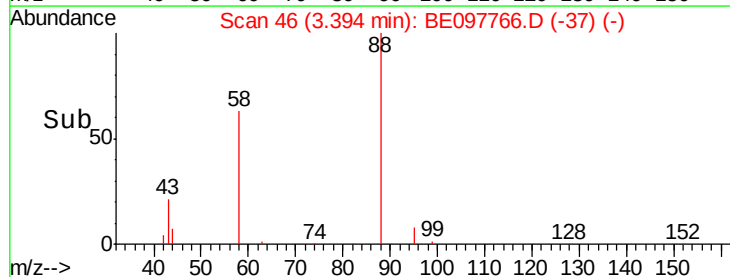
#2

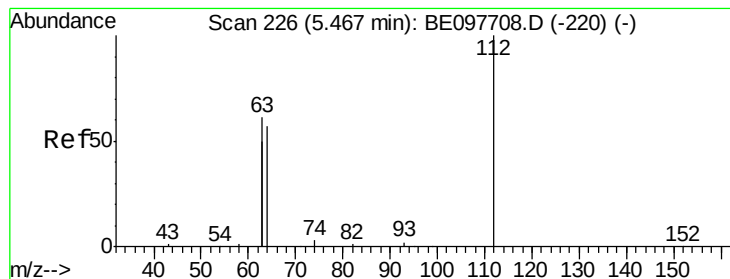
1,4-Dioxane
Concen: 6.577 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE097766.D
Acq: 5 Oct 2018 21:56

Tgt Ion: 88 Resp: 48879
Ion Ratio Lower Upper
88 100
58 86.7 70.8 106.2
43 38.1 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: 0.182 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

Instrument :

MSVOA_V

ClientSampleId :

RE-120D1-20181002

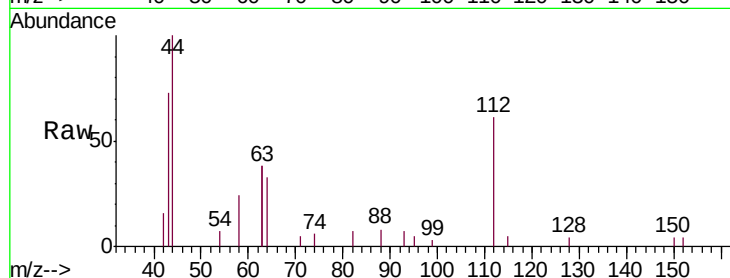
Tgt Ion: 112 Resp: 1602

Ion Ratio Lower Upper

112 100

64 66.8 56.6 84.8

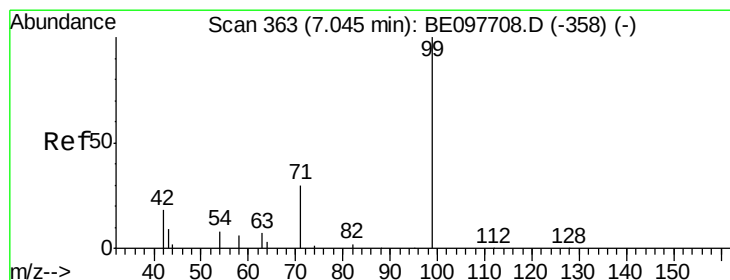
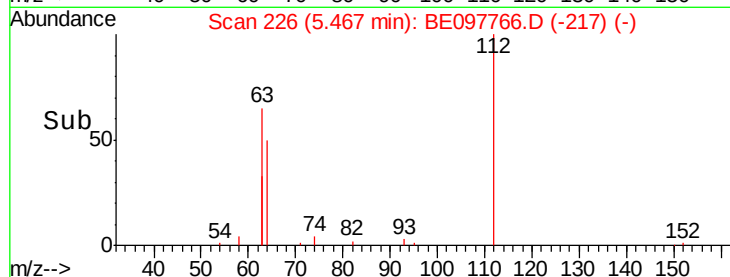
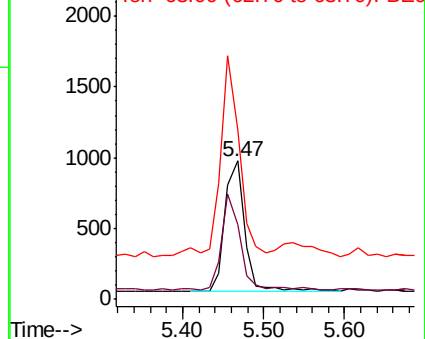
63 139.8 119.4 179.0



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: 0.100 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

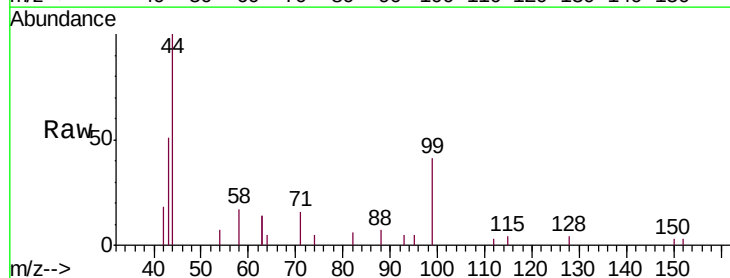
Tgt Ion: 99 Resp: 1354

Ion Ratio Lower Upper

99 100

42 31.7 19.9 29.9#

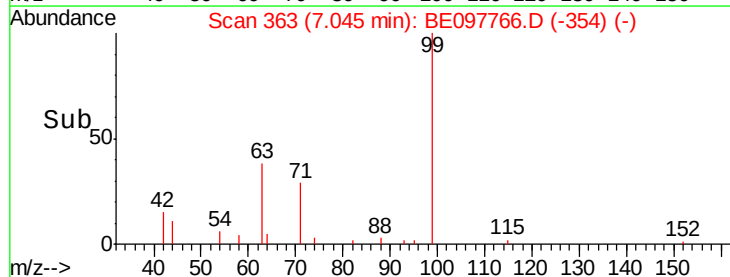
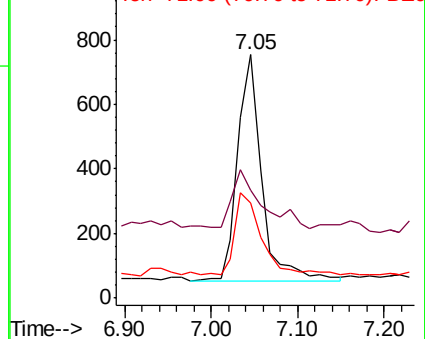
71 39.6 25.4 38.2#

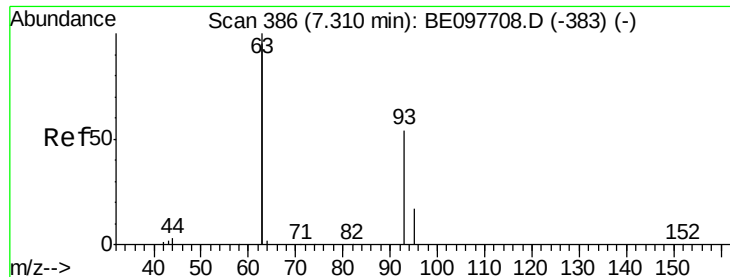


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.028 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

Instrument :

MSVOA_V

ClientSampleId :

RE-120D1-20181002

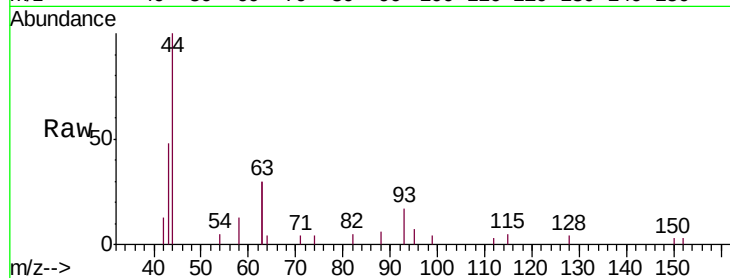
Tgt Ion: 93 Resp: 387

Ion Ratio Lower Upper

93 100

63 342.1 266.9 400.3

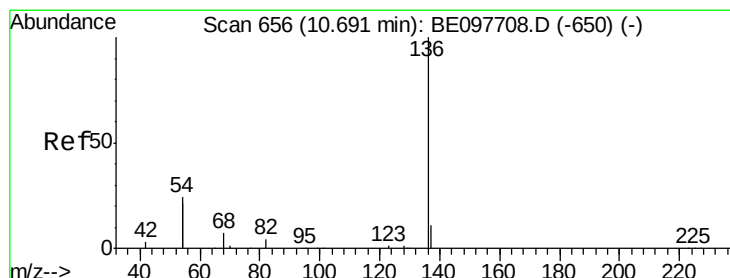
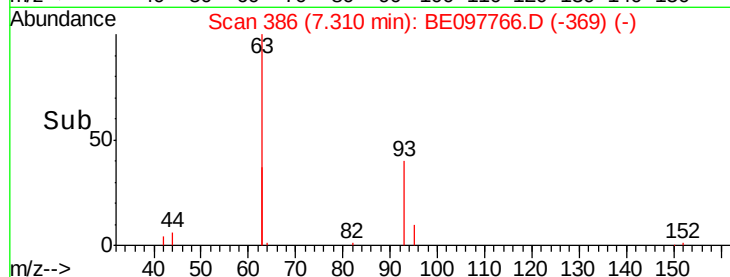
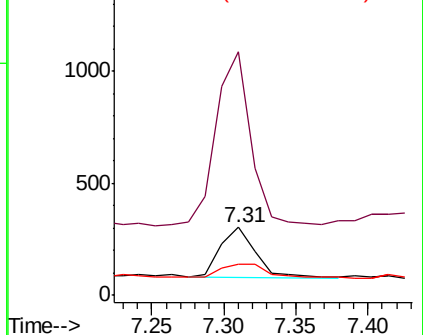
95 40.3 26.2 39.2#



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: BE097766.D

Acq: 5 Oct 2018 21:56

Tgt Ion: 136 Resp: 14166

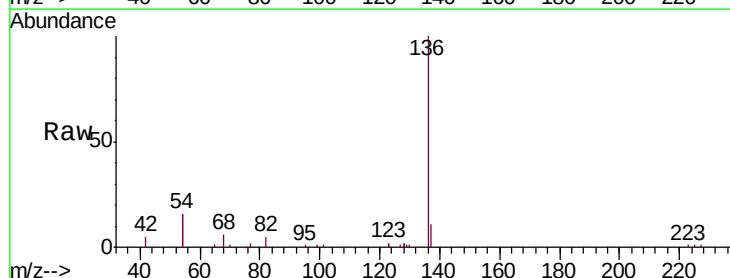
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 32.2 37.8 56.6#

68 6.4 6.4 9.6

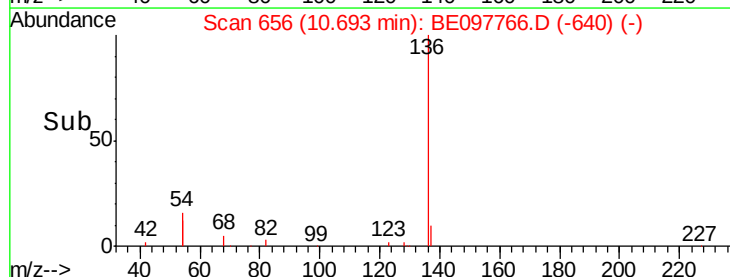
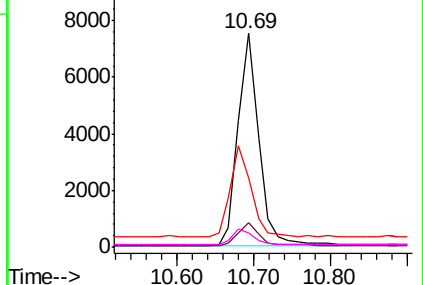


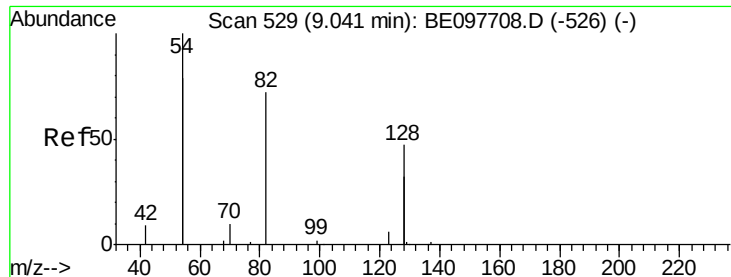
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.752 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097766.D

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MSVOA_V

ClientSampleId :

RE-120D1-20181002

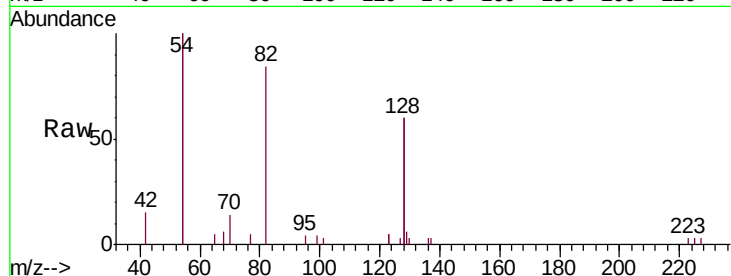
Tgt Ion: 82 Resp: 3460

Ion Ratio Lower Upper

82 100

128 143.6 97.0 145.4

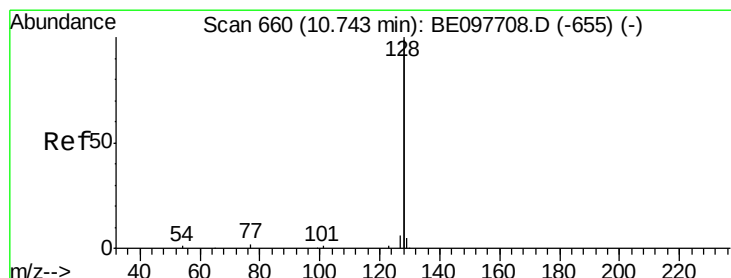
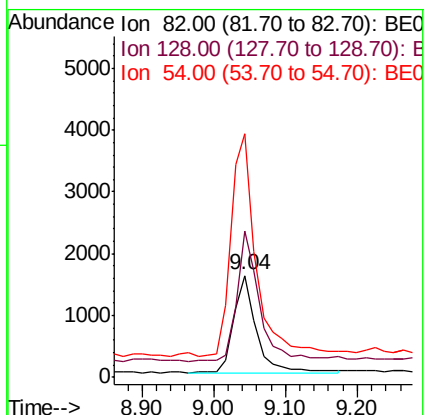
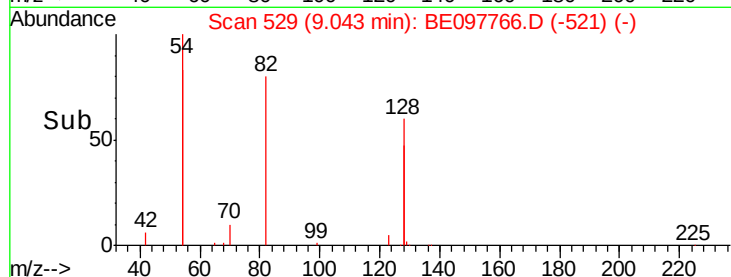
54 238.4 206.9 310.3



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: 0.034 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

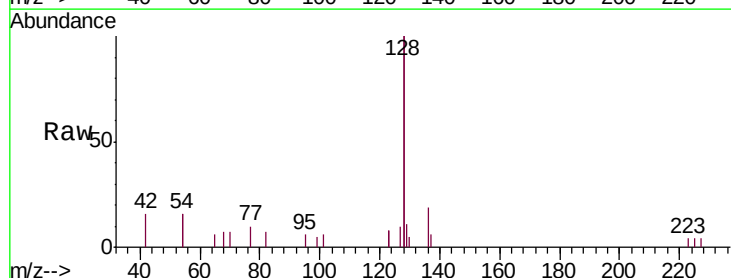
Tgt Ion: 128 Resp: 4822

Ion Ratio Lower Upper

128 100

129 5.3 2.2 3.2#

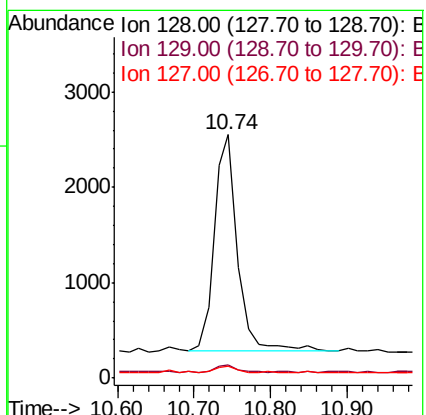
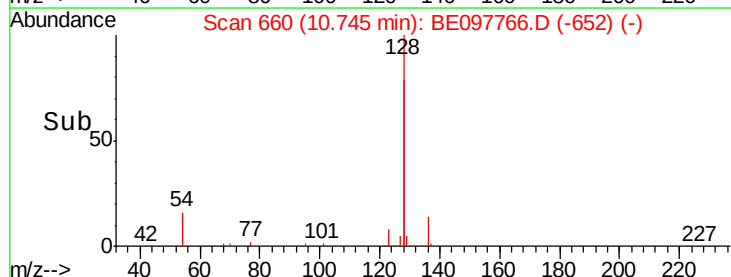
127 4.9 2.7 4.1#

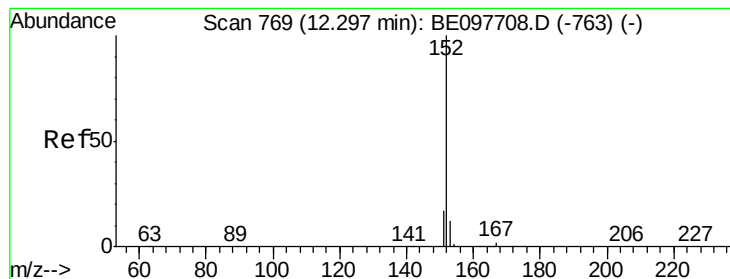


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

Instrument :

MSVOA_V

ClientSampleId :

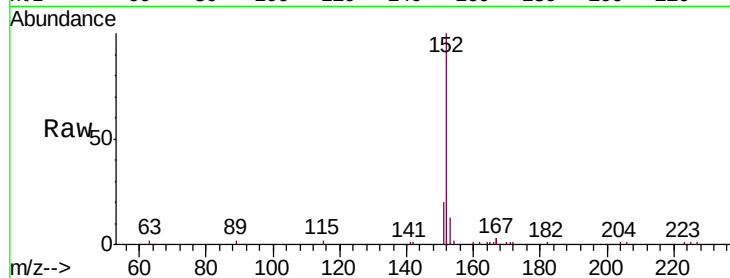
RE-120D1-20181002

Tgt Ion:152 Resp: 8850

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

5000

4000

3000

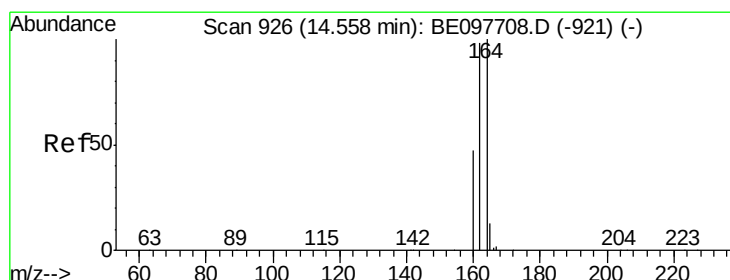
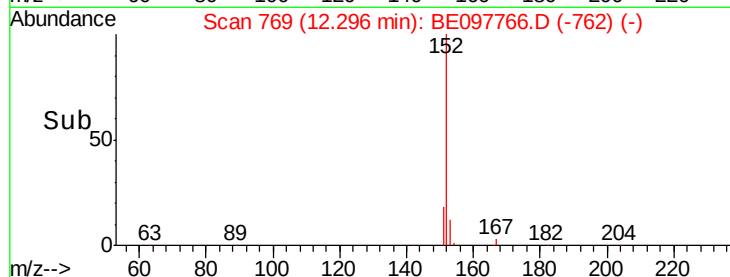
2000

1000

0

12.20 12.30 12.40 12.50

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

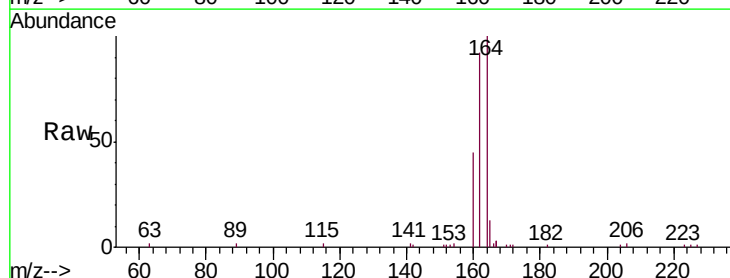
Tgt Ion:164 Resp: 8195

Ion Ratio Lower Upper

164 100

162 92.1 78.6 117.8

160 45.1 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

14.56

6000

5000

4000

3000

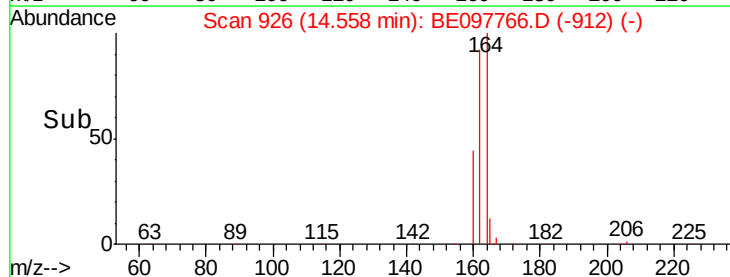
2000

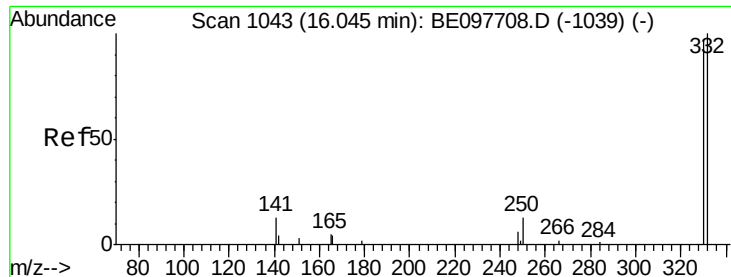
1000

0

14.40 14.50 14.60

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.504 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

Instrument :

MSVOA_V

ClientSampleId :

RE-120D1-20181002

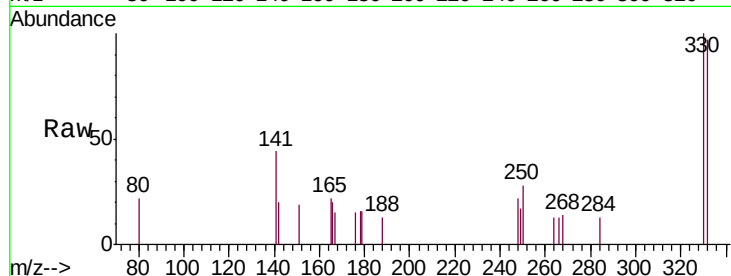
Tgt Ion:330 Resp: 748

Ion Ratio Lower Upper

330 100

332 92.1 83.5 125.3

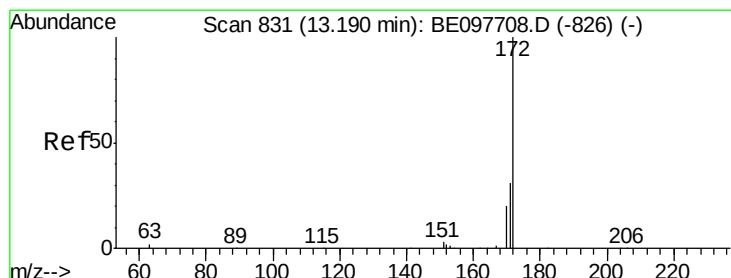
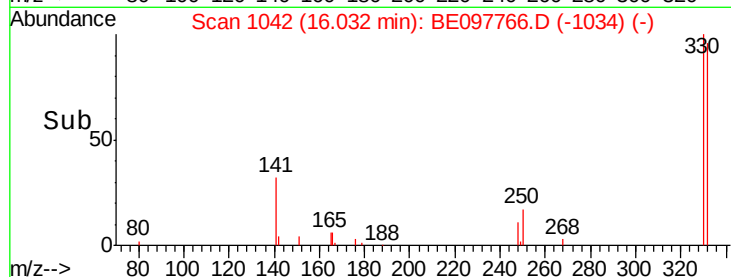
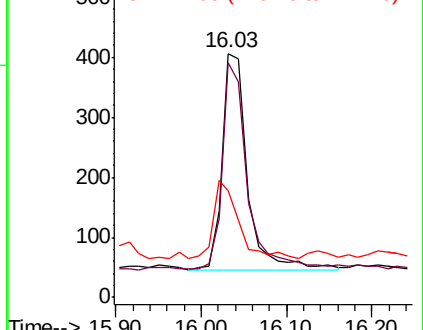
141 37.4 34.9 52.3



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: 0.410 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

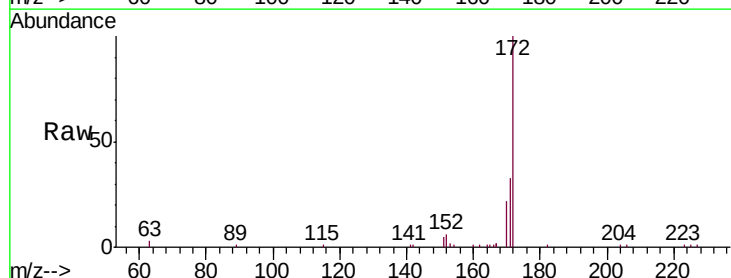
Tgt Ion:172 Resp: 14803

Ion Ratio Lower Upper

172 100

171 33.4 25.2 37.8

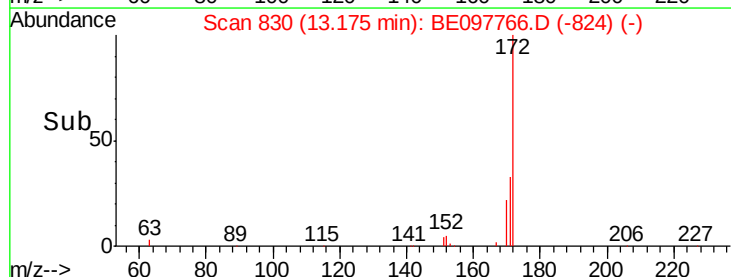
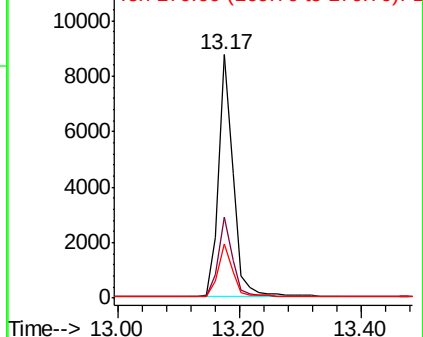
170 22.4 16.2 24.2

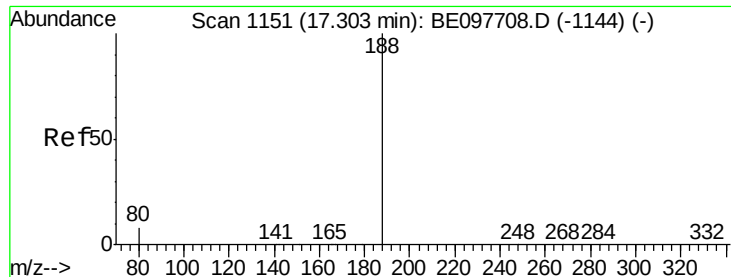


Abundance Ion 172.00 (171.70 to 172.70): E

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

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RE-120D1-20181002

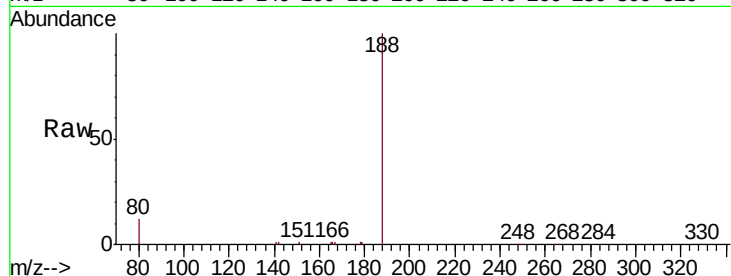
Tgt Ion:188 Resp: 22981

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

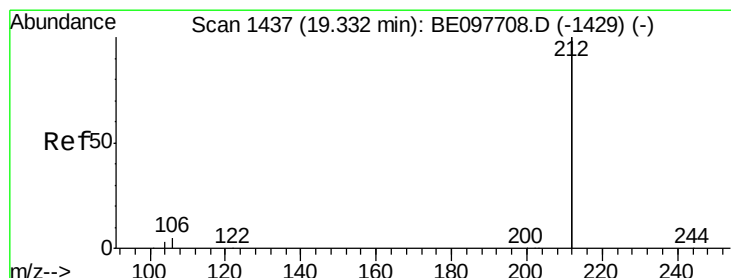
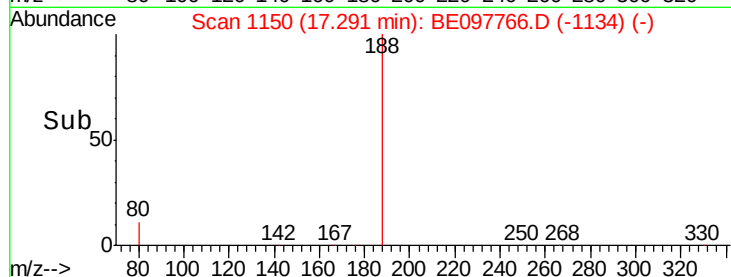
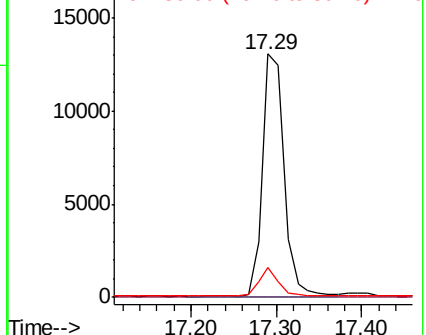
80 12.1 6.6 9.8#



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: 0.455 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

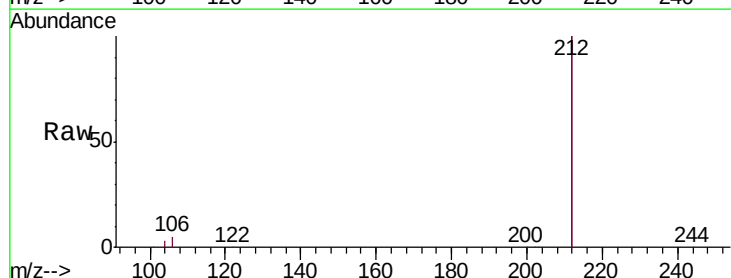
Tgt Ion:212 Resp: 132422

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

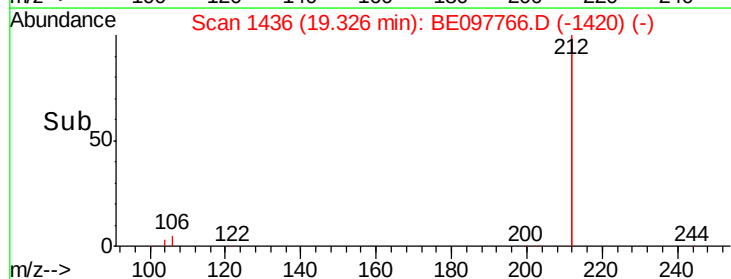
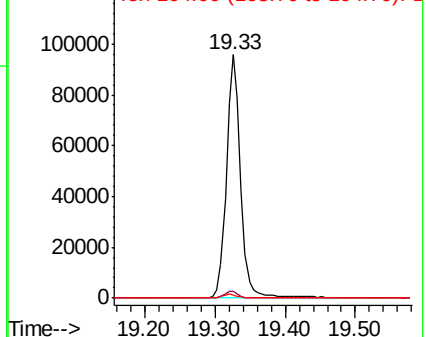
104 1.5 1.2 1.8

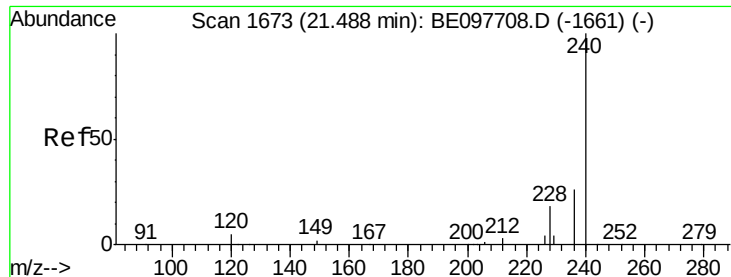


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE097766.D

Acq: 5 Oct 2018 21:56

Instrument :

MSVOA_V

ClientSampleId :

RE-120D1-20181002

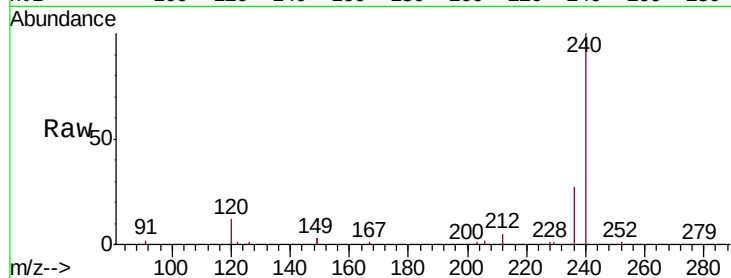
Tgt Ion:240 Resp: 31424

Ion Ratio Lower Upper

240 100

120 12.1 4.7 7.1#

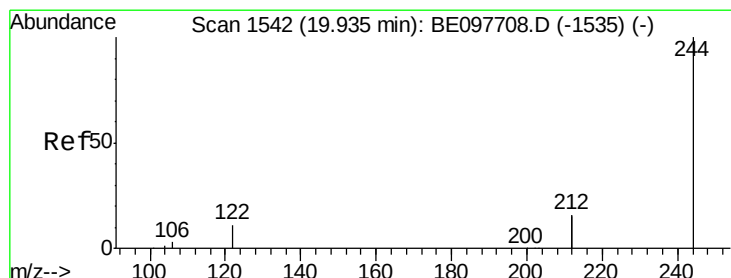
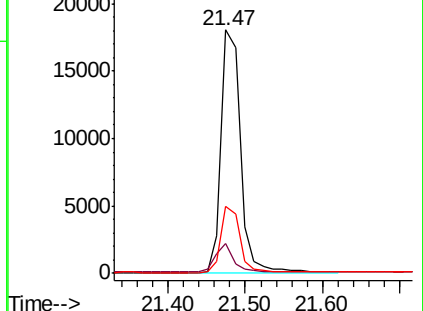
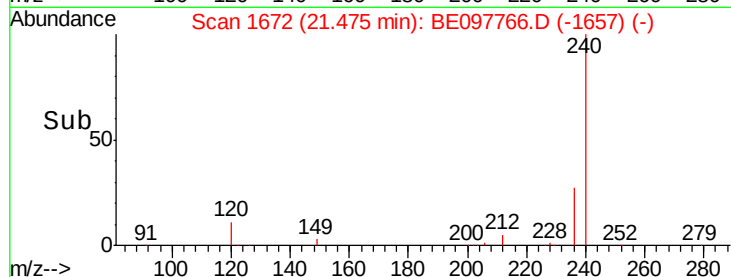
236 27.5 20.8 31.2



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: 0.395 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097766.D

Acq: 5 Oct 2018 21:56

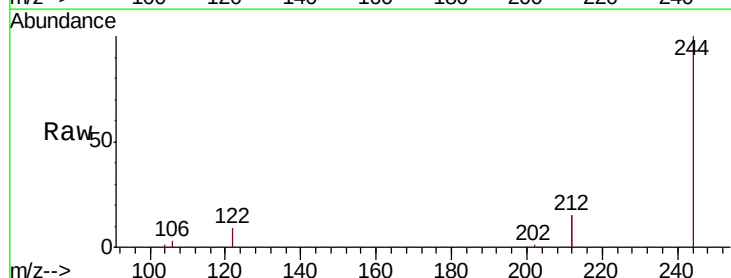
Tgt Ion:244 Resp: 25352

Ion Ratio Lower Upper

244 100

212 30.9 25.8 38.8

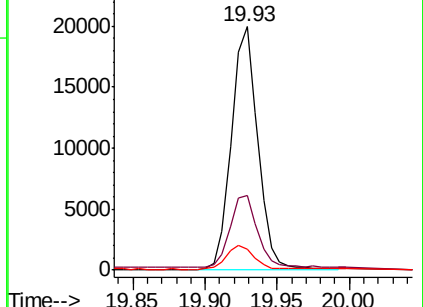
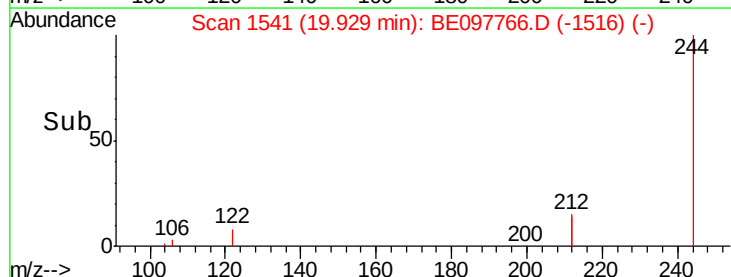
122 8.6 8.7 13.1#

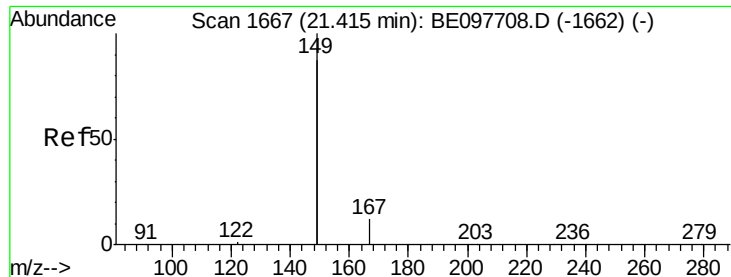


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

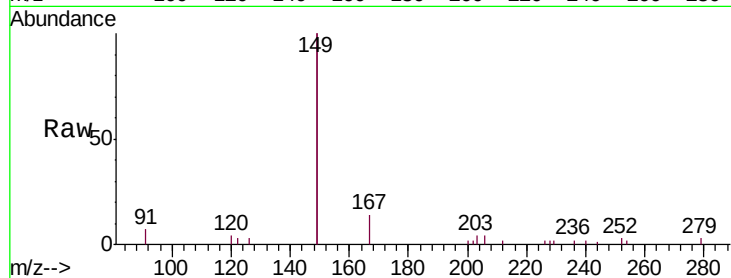




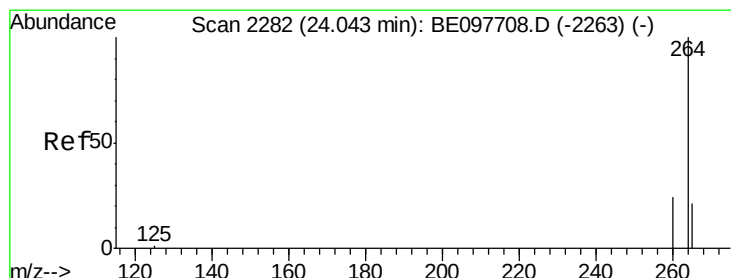
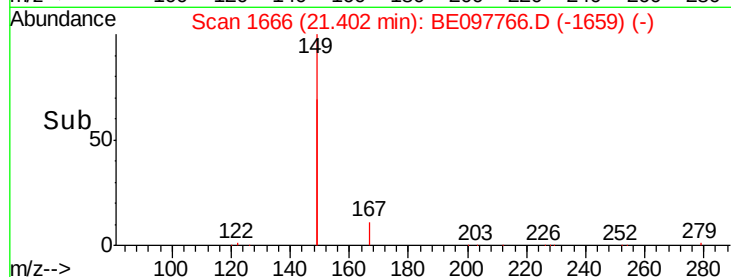
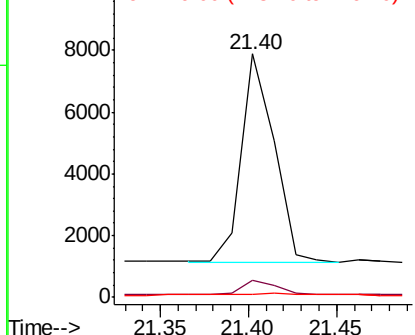
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097766.D
 Acq: 5 Oct 2018 21:56

Instrument :
 MSVOA_V
 ClientSampleId :
 RE-120D1-20181002

Tgt Ion:149 Resp: 8698
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.5 8.3
 279 1.4 0.9 1.3#

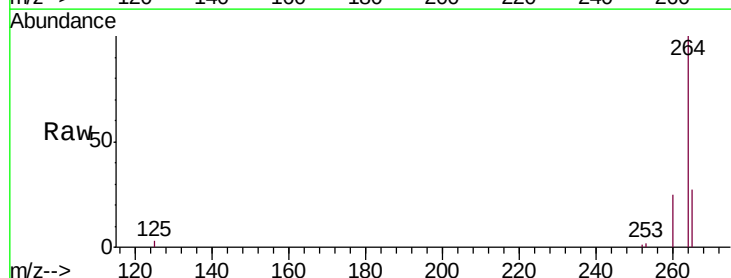


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097766.D
 Acq: 5 Oct 2018 21:56

Tgt Ion:264 Resp: 29045
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 26.7 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

