

Data File : BE097765.D
Acq On : 5 Oct 2018 21:20
Operator : SJ/JU
Sample : J5284-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
RE-120D2-20181002

Quant Time: Oct 06 04:20:28 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

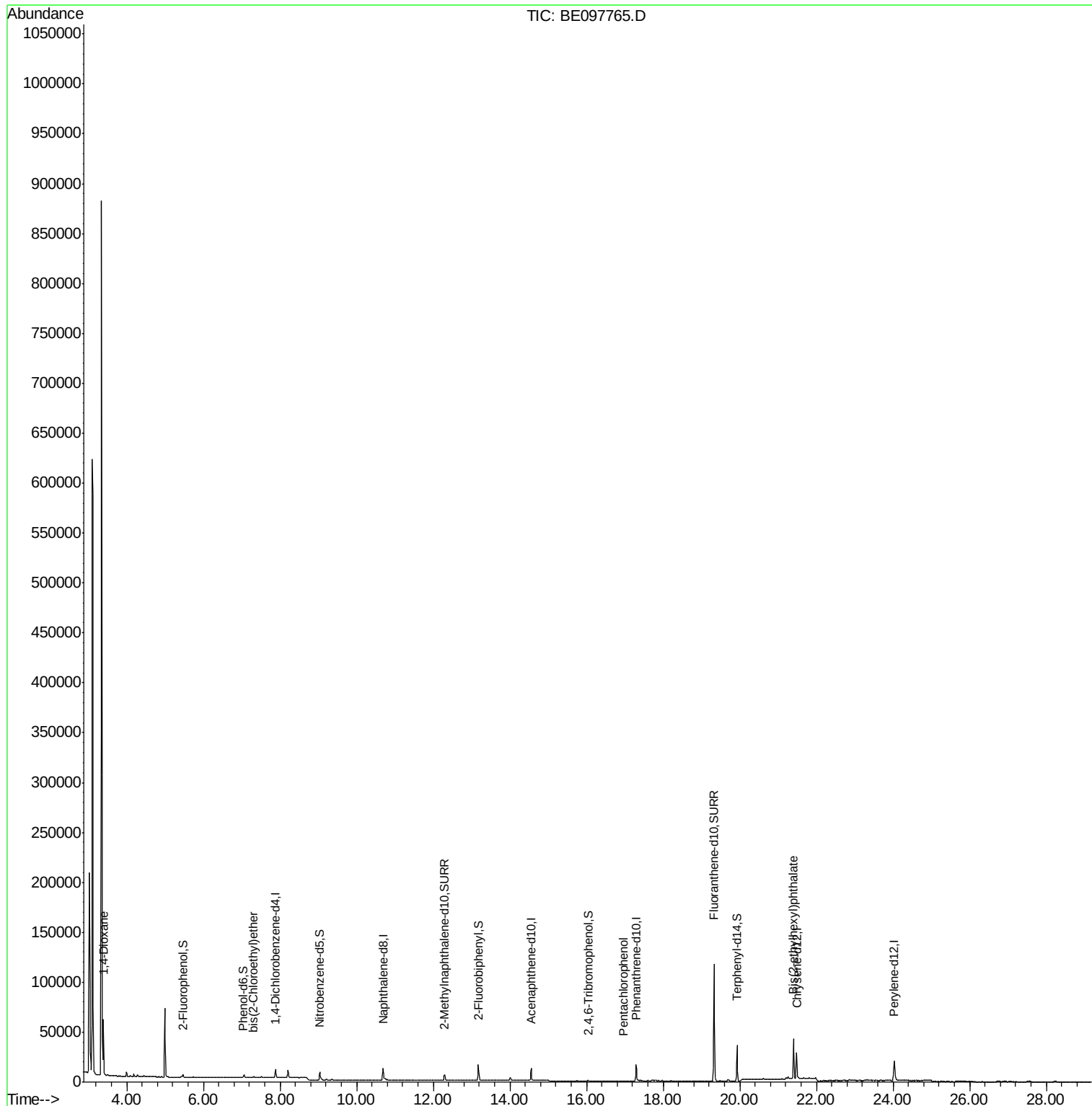
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3501	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	14262	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7963	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	23706	0.40	ng	-0.01
27) Chrysene-d12	21.49	240	32972	0.40	ng	0.00
34) Perylene-d12	24.03	264	31484	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1457	0.18	ng	0.00
5) Phenol-d6	7.04	99	1272	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	3674	0.79	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9618	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	754	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	15843	0.45	ng	-0.02
25) Fluoranthene-d10	19.32	212	157398	0.52	ng	0.00
29) Terphenyl-d14	19.93	244	30728	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.39	88	33370	4.784	ng	96
6) bis(2-Chloroethyl)ether	7.31	93	363	0.028	ng	88
22) Pentachlorophenol	16.95	266	59	0.027	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.40	149	52667	0.812	ng	100

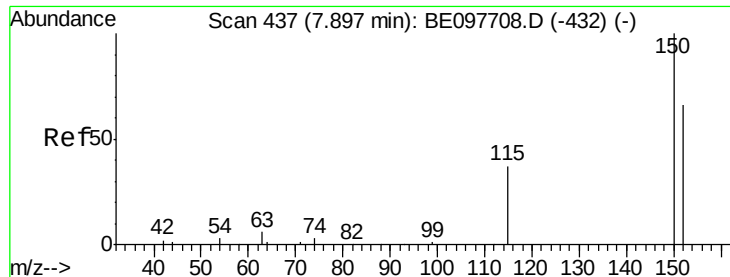
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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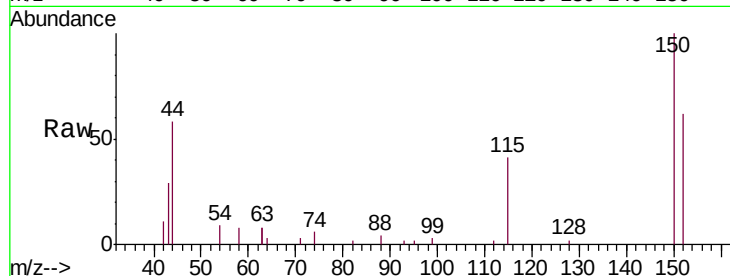
Tgt Ion:152 Resp: 3501

Ion Ratio Lower Upper

152 100

150 162.0 120.9 181.3

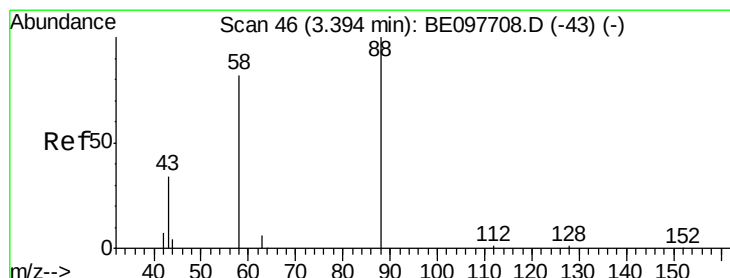
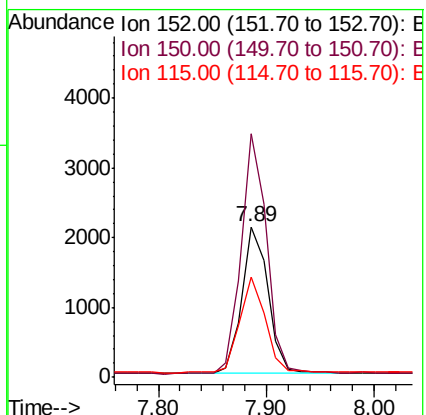
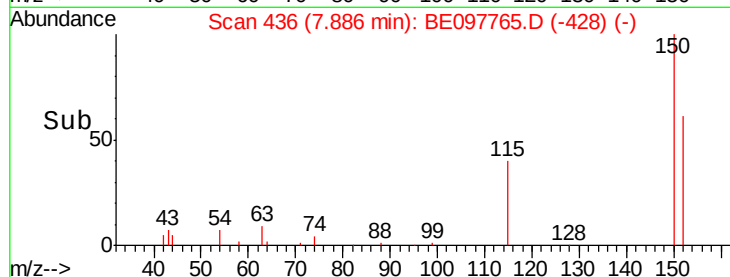
115 66.9 46.6 69.8



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: 4.784 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

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Acq: 5 Oct 2018 21:20

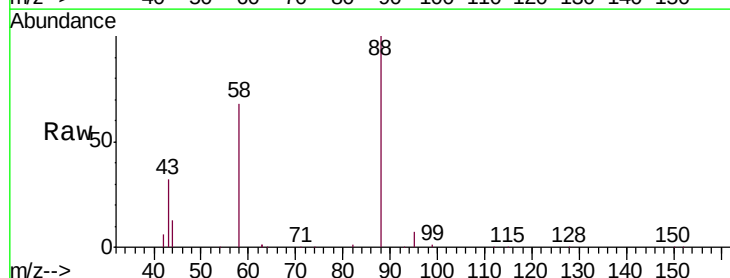
Tgt Ion: 88 Resp: 33370

Ion Ratio Lower Upper

88 100

58 85.6 70.8 106.2

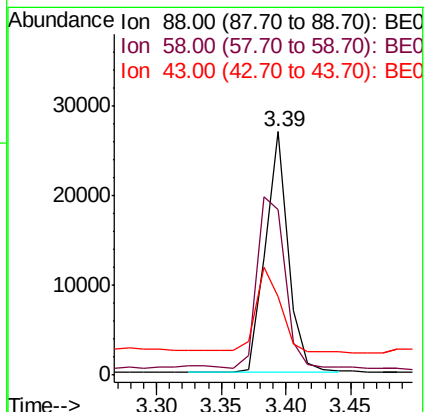
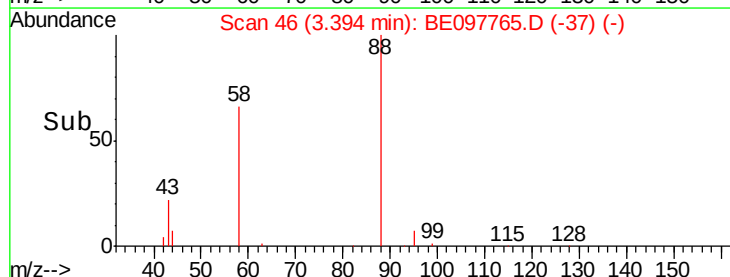
43 37.6 33.3 49.9

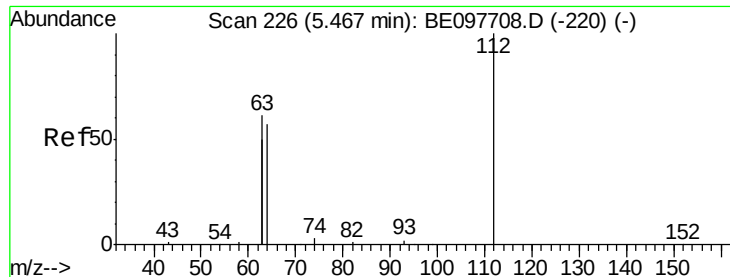


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.176 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

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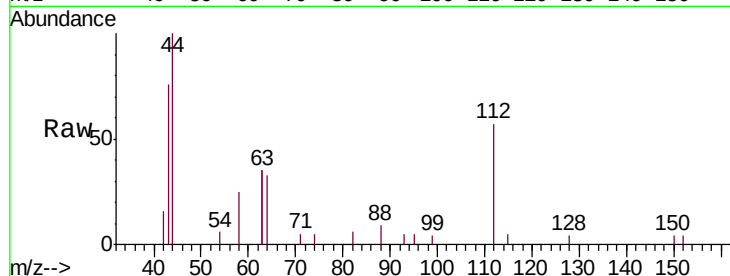
Tgt Ion: 112 Resp: 1457

Ion Ratio Lower Upper

112 100

64 76.3 56.6 84.8

63 150.2 119.4 179.0

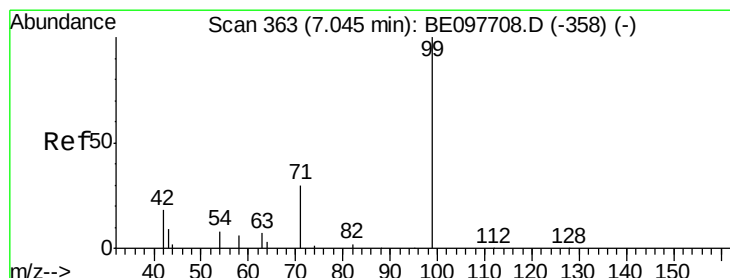
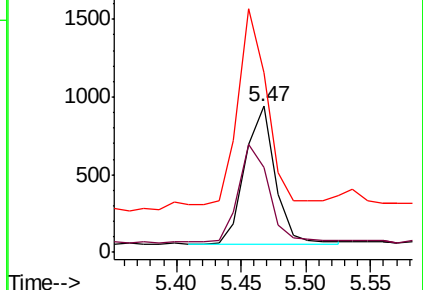
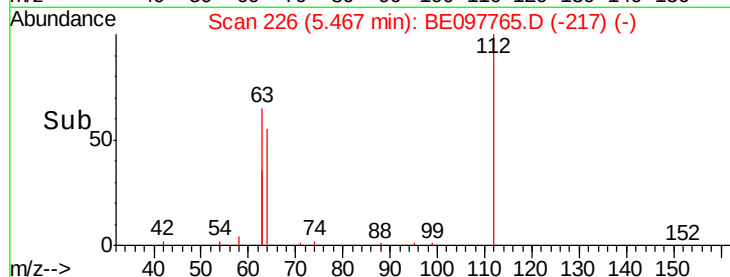


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.100 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097765.D

Acq: 5 Oct 2018 21:20

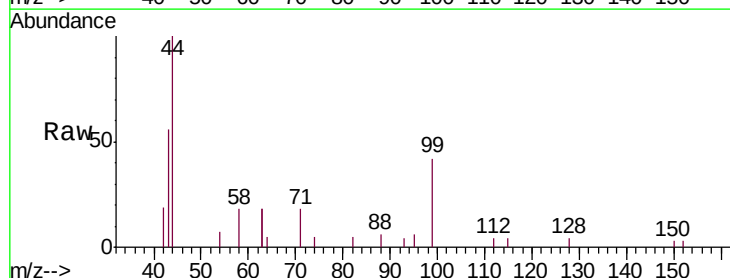
Tgt Ion: 99 Resp: 1272

Ion Ratio Lower Upper

99 100

42 35.9 19.9 29.9#

71 41.1 25.4 38.2#

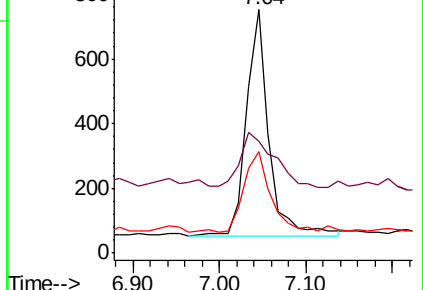
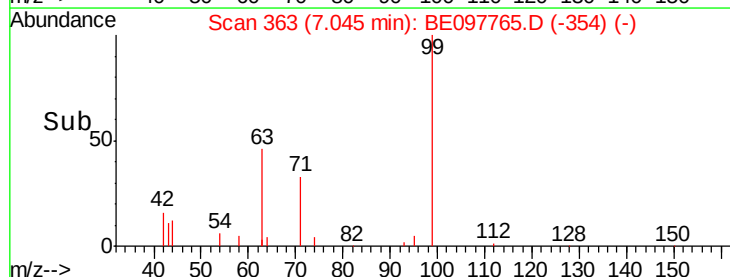


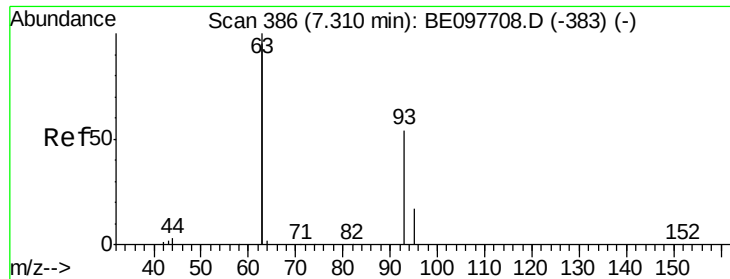
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.028 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

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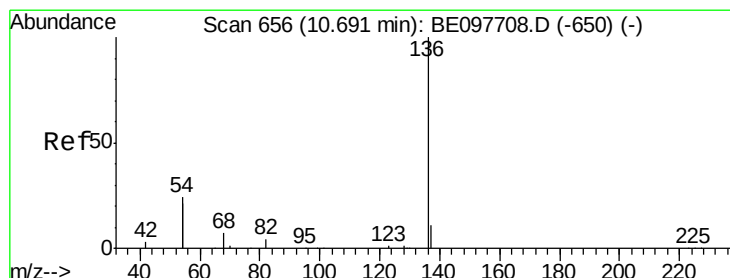
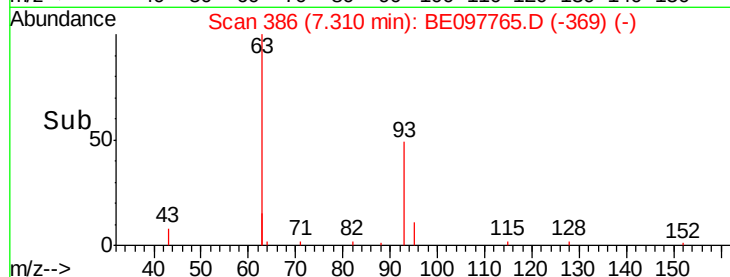
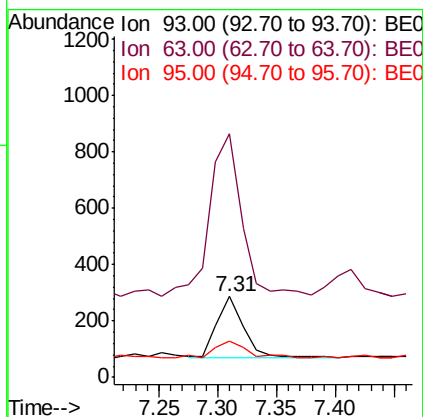
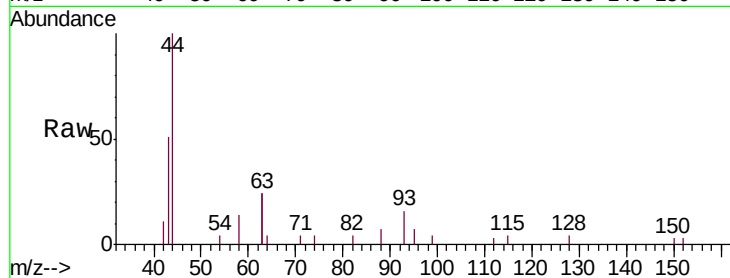
Tgt Ion: 93 Resp: 363

Ion Ratio Lower Upper

93 100

63 306.9 266.9 400.3

95 32.8 26.2 39.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097765.D

Acq: 5 Oct 2018 21:20

Tgt Ion: 136 Resp: 14262

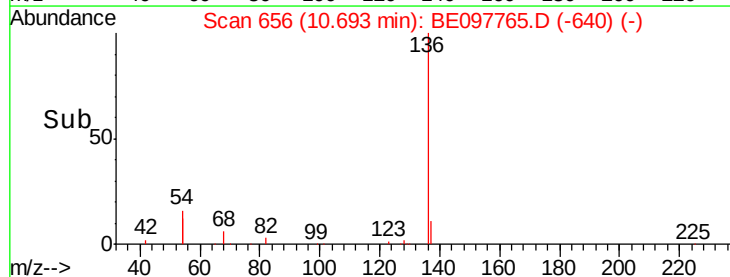
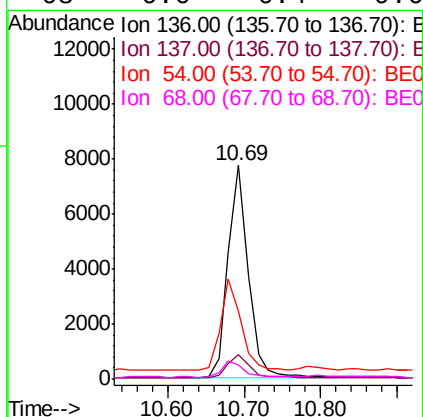
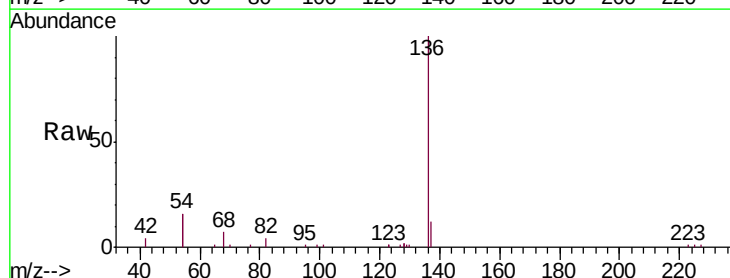
Ion Ratio Lower Upper

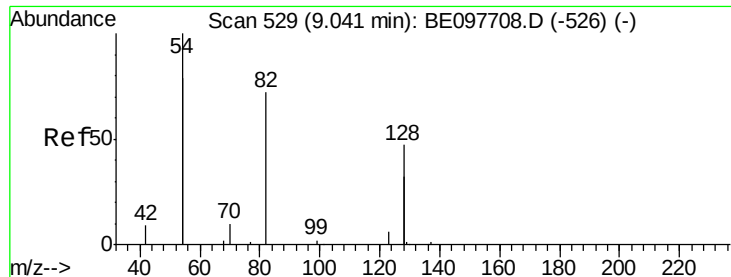
136 100

137 11.5 9.0 13.4

54 31.9 37.8 56.6#

68 6.6 6.4 9.6





#8

Nitrobenzene-d5

Concen: 0.793 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097765.D

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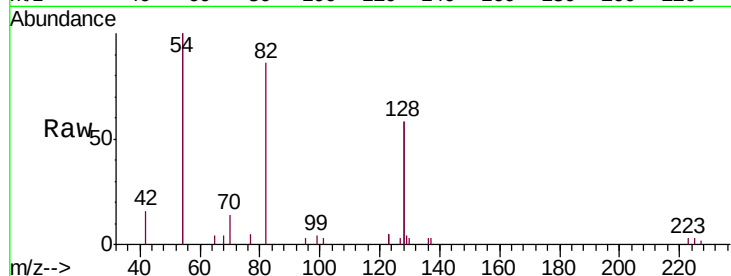
Tgt Ion: 82 Resp: 3674

Ion Ratio Lower Upper

82 100

128 134.9 97.0 145.4

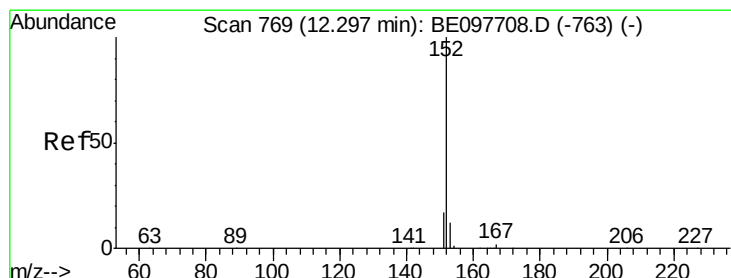
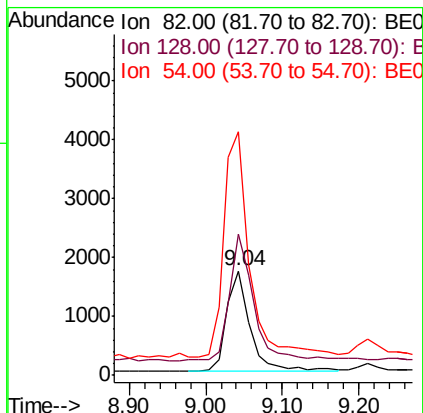
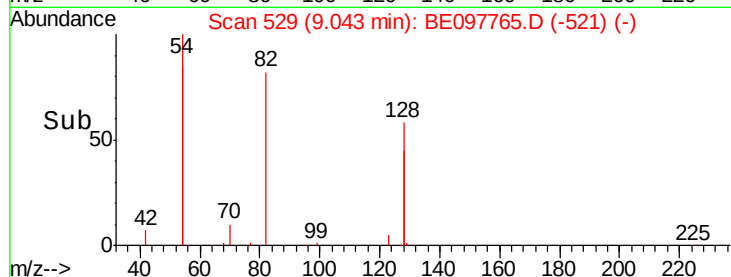
54 232.7 206.9 310.3



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



#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097765.D

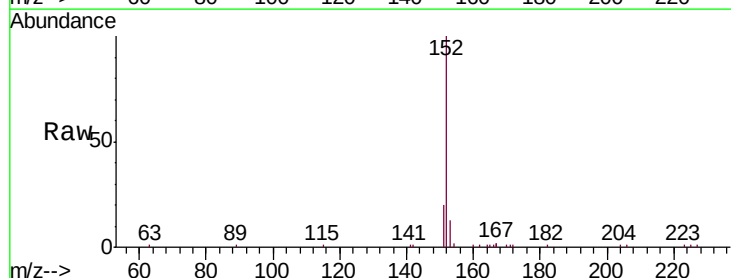
Acq: 5 Oct 2018 21:20

Tgt Ion: 152 Resp: 9618

Ion Ratio Lower Upper

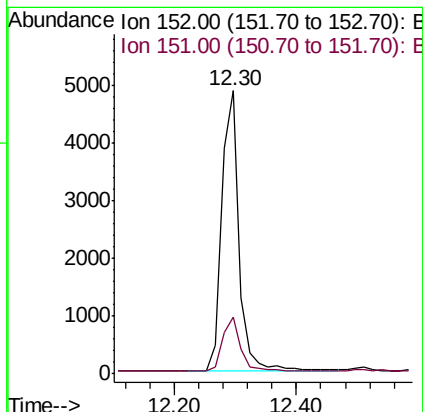
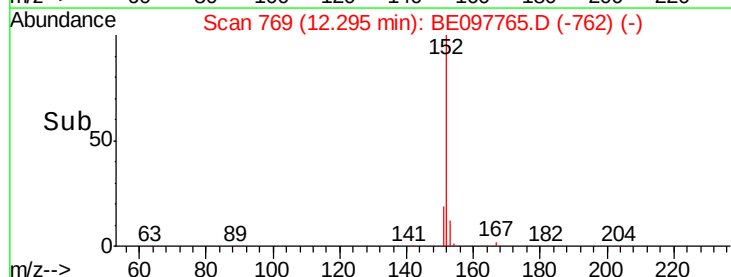
152 100

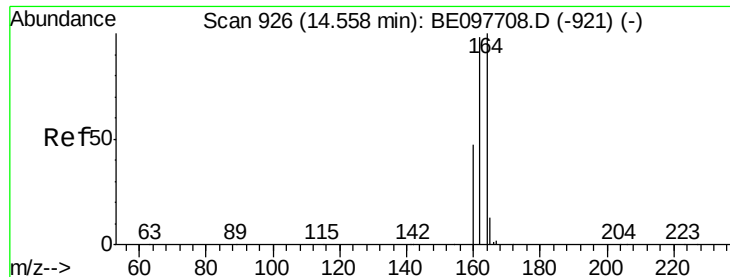
151 20.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

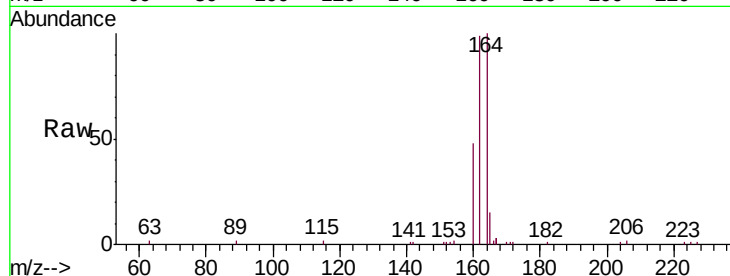




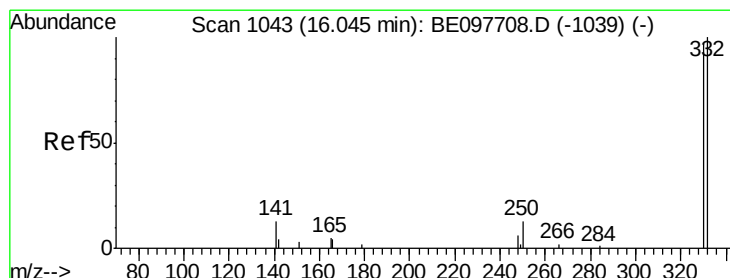
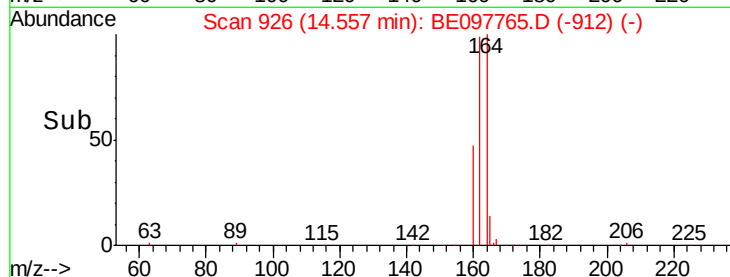
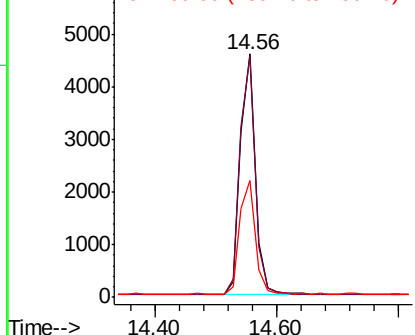
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097765.D
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Tgt Ion:164 Resp: 7963
Ion Ratio Lower Upper
164 100
162 99.2 78.6 117.8
160 48.1 37.8 56.6

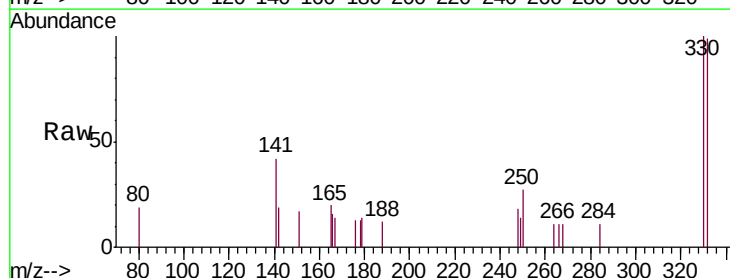


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

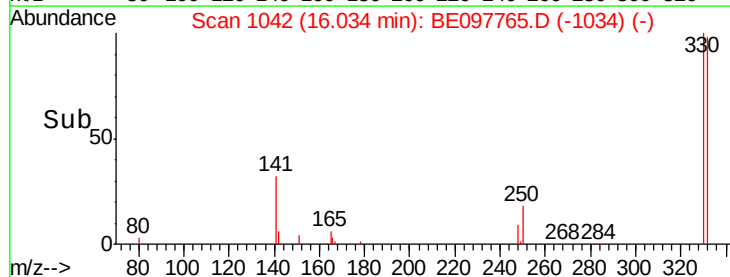
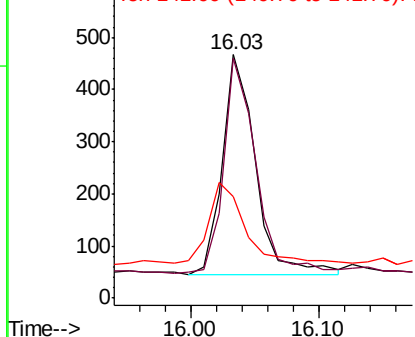


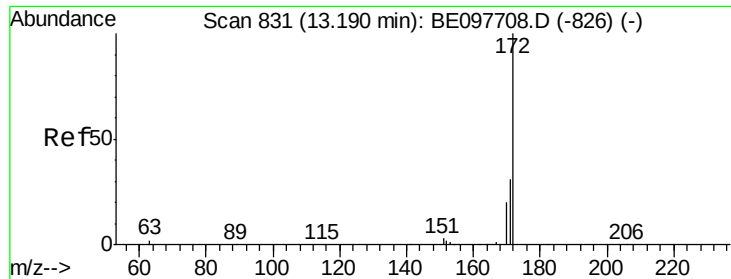
#14
2,4,6-Tribromophenol
Concen: 0.522 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097765.D
Acq: 5 Oct 2018 21:20

Tgt Ion:330 Resp: 754
Ion Ratio Lower Upper
330 100
332 95.2 83.5 125.3
141 40.3 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

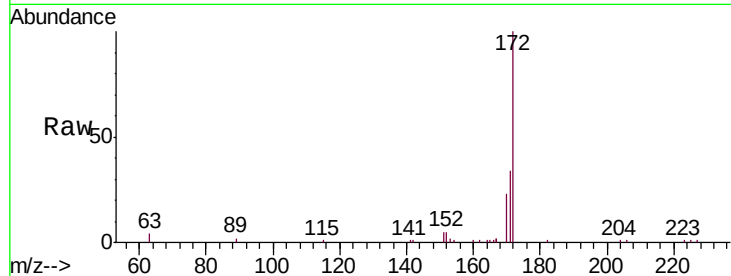




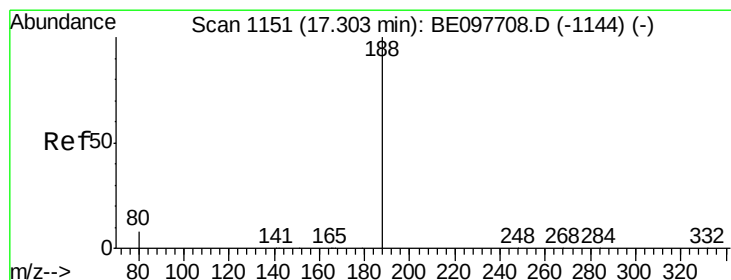
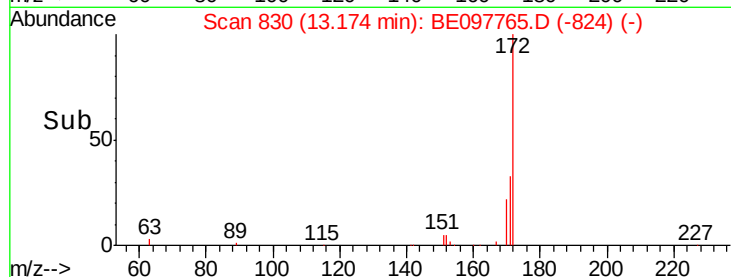
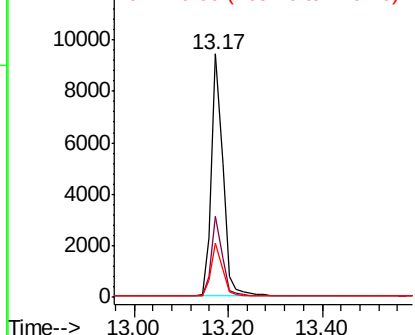
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097765.D
Acq: 5 Oct 2018 21:20

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Tgt Ion:172 Resp: 15843
Ion Ratio Lower Upper
172 100
171 33.5 25.2 37.8
170 22.5 16.2 24.2

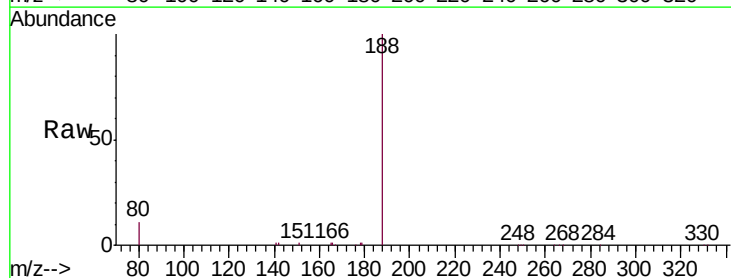


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

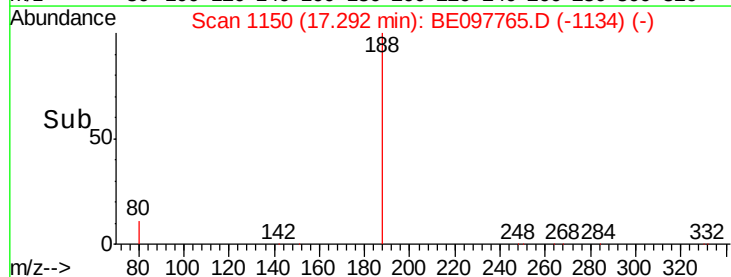
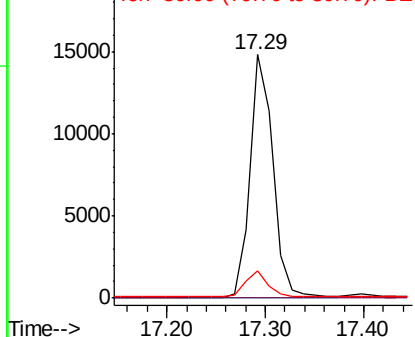


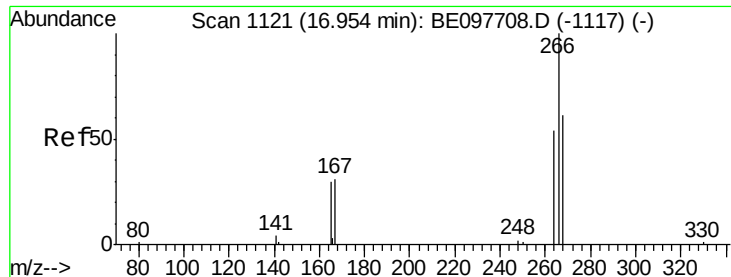
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097765.D
Acq: 5 Oct 2018 21:20

Tgt Ion:188 Resp: 23706
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

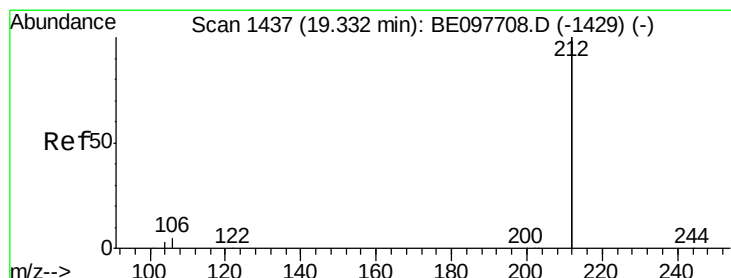
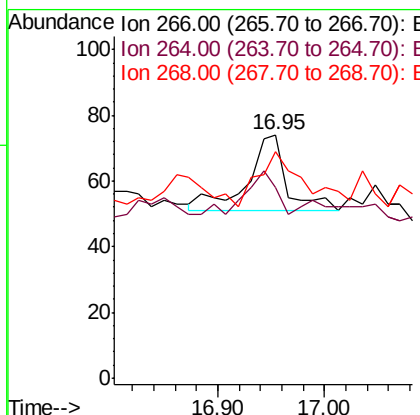
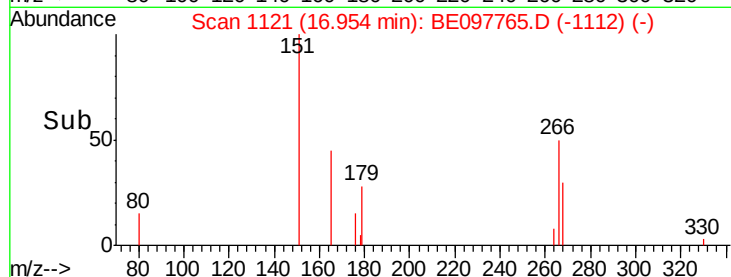
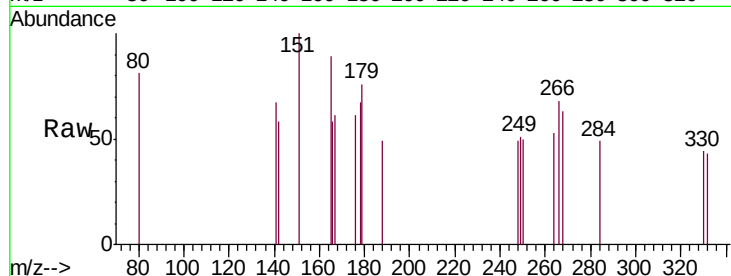




#22
 Pentachlorophenol
 Concen: 0.027 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BE097765.D
 Acq: 5 Oct 2018 21:20

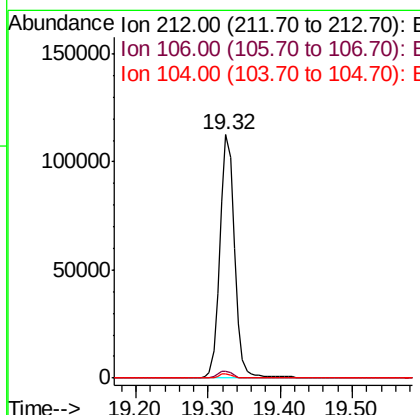
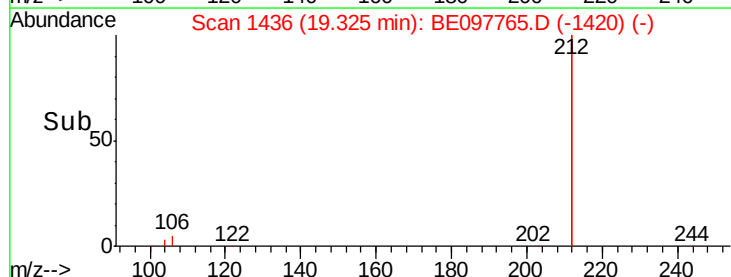
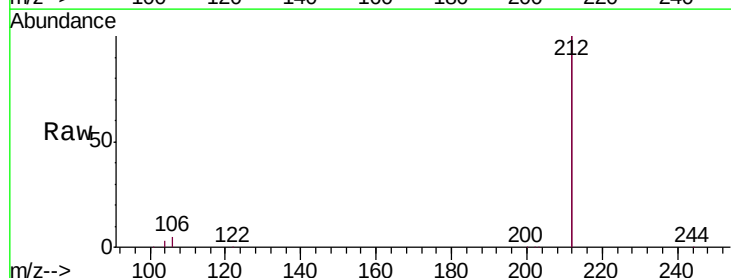
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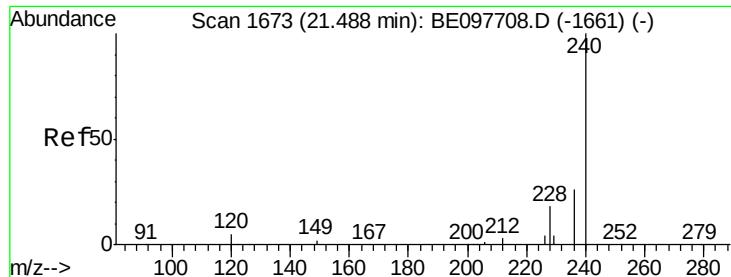
Tgt Ion: 266 Resp: 59
 Ion Ratio Lower Upper
 266 100
 264 78.4 46.8 70.2#
 268 93.2 53.0 79.6#



#25
 Fluoranthene-d10
 Concen: 0.525 ng
 RT: 19.32 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097765.D
 Acq: 5 Oct 2018 21:20

Tgt Ion: 212 Resp: 157398
 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: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097765.D

Acq: 5 Oct 2018 21:20

Instrument :

MSVOA_V

ClientSampleId :

RE-120D2-20181002

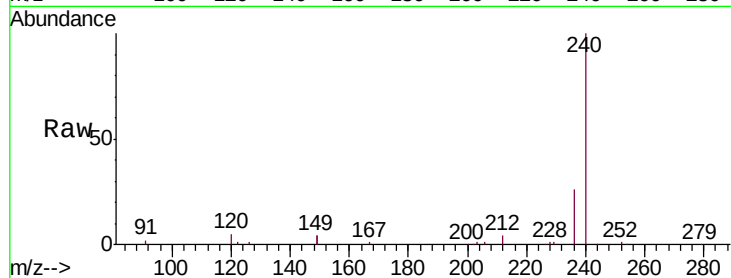
Tgt Ion:240 Resp: 32972

Ion Ratio Lower Upper

240 100

120 4.8 4.7 7.1

236 26.4 20.8 31.2

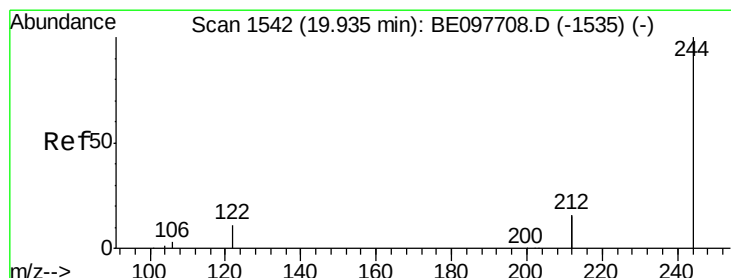
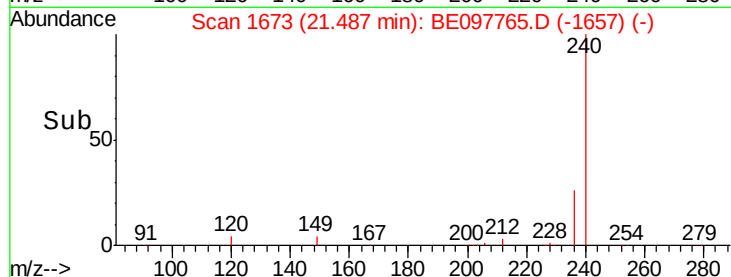
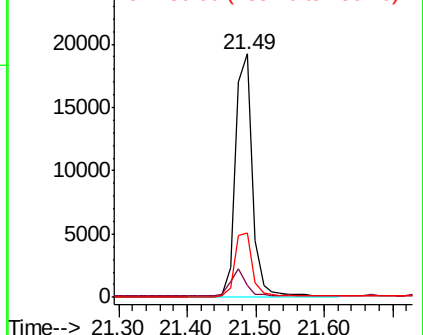


Abundance

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: 0.456 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097765.D

Acq: 5 Oct 2018 21:20

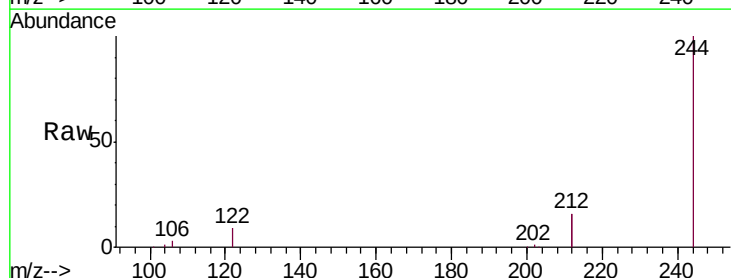
Tgt Ion:244 Resp: 30728

Ion Ratio Lower Upper

244 100

212 31.1 25.8 38.8

122 9.3 8.7 13.1

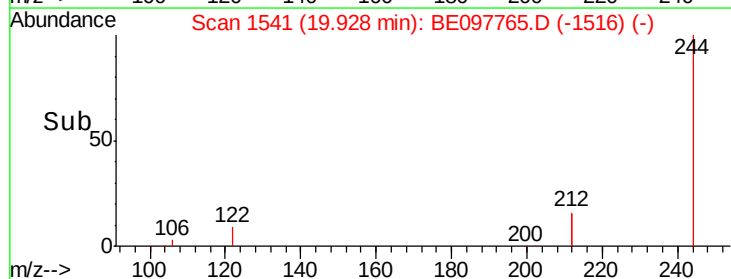
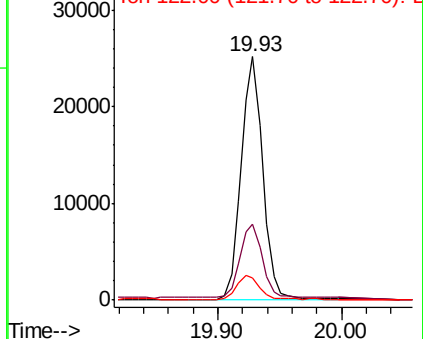


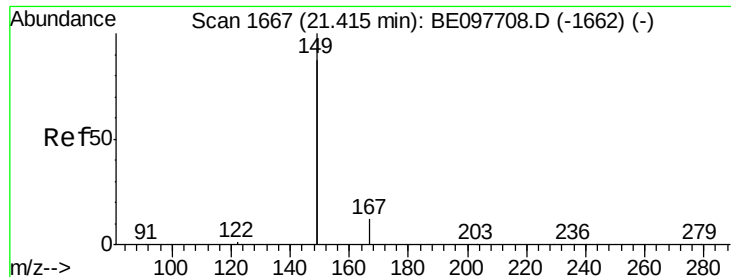
Abundance

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

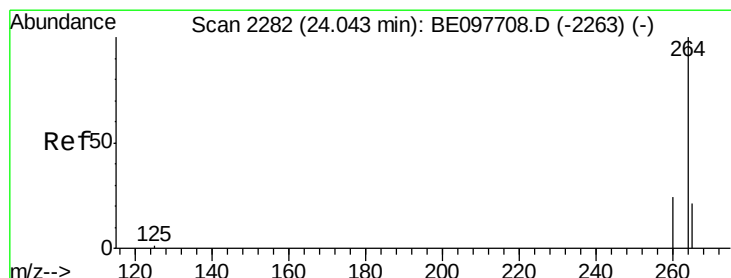
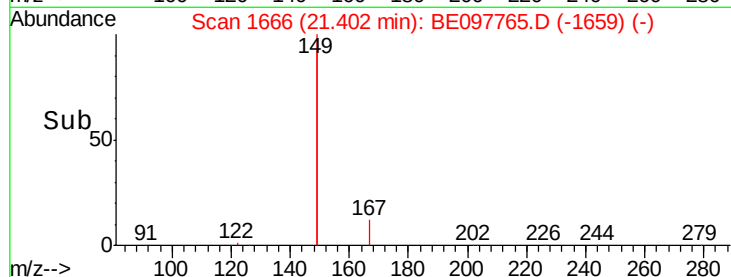
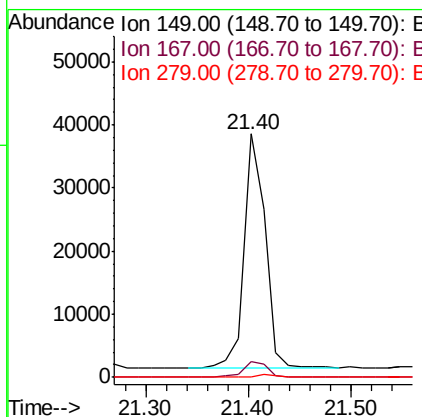
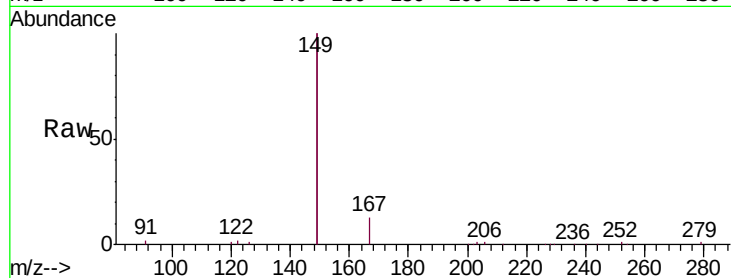




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.812 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097765.D
 Acq: 5 Oct 2018 21:20

Instrument :
 MSVOA_V
 ClientSampleId :
 RE-120D2-20181002

Tgt Ion:149 Resp: 52667
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.5 8.3
 279 1.0 0.9 1.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097765.D
 Acq: 5 Oct 2018 21:20

Tgt Ion:264 Resp: 31484
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 25.9 21.9 32.9

