

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097604.D
 Acq On : 21 Sep 2018 10:28
 Operator : SJ/JU
 Sample : J4892-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-091218

Quant Time: Sep 21 13:43:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	742	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	3868	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	3867	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	7178	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9677	0.40	ng	0.00
34) Perylene-d12	23.20	264	9444	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	505	0.23	ng	0.00
5) Phenol-d6	6.59	99	356	0.13	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1165	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.70	152	2497	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	15.51	330	691	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.61	172	4485	0.33	ng	-0.01
25) Fluoranthene-d10	18.79	212	44867	0.49	ng	-0.01
29) Terphenyl-d14	19.41	244	10975	0.62	ng	-0.01

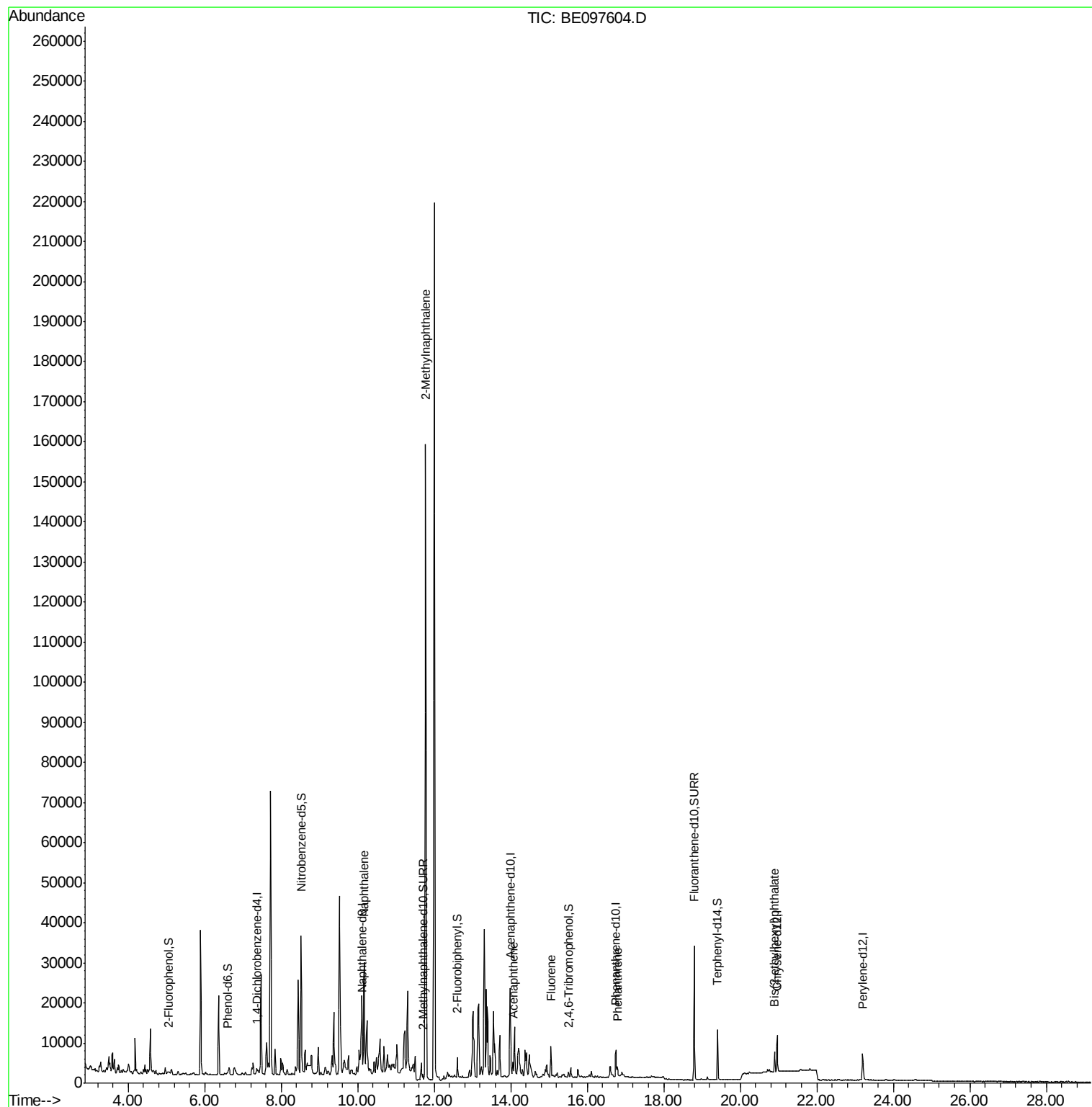
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.17	128	42053	1.207	ng	# 90
12) 2-Methylnaphthalene	11.78	142	115909	21.323	ng	98
17) Acenaphthene	14.06	154	1408	0.137	ng	# 47
18) Fluorene	15.05	166	5364	0.401	ng	# 78
23) Phenanthrene	16.79	178	2185	0.128	ng	# 92
32) Bis(2-ethylhexyl)phthalate	20.89	149	6127	0.160	ng	100

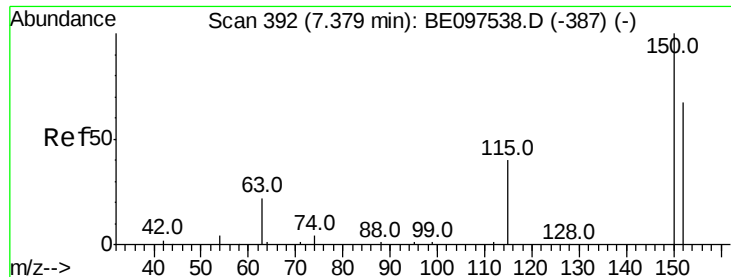
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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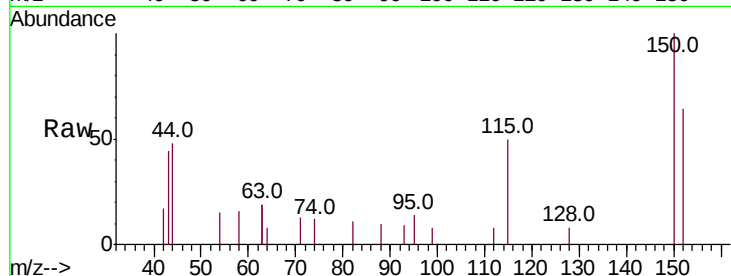


#1

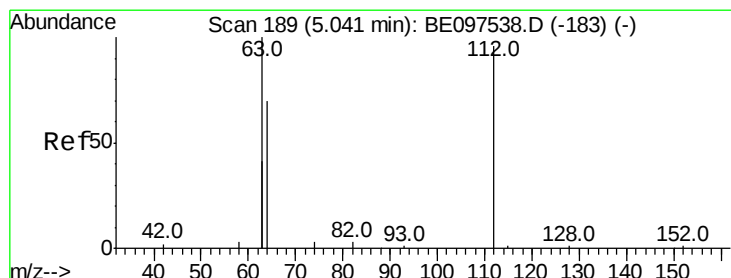
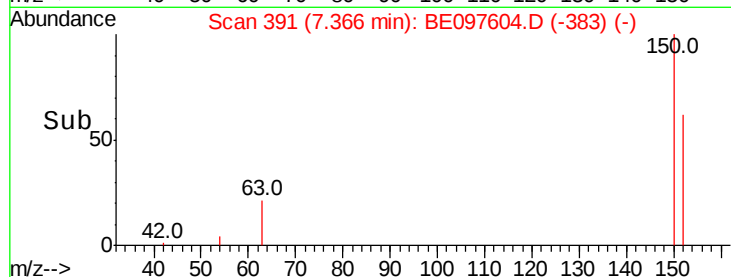
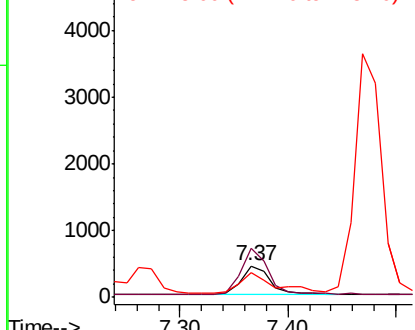
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-091218

Tot Ion:152 Resp: 742
Ion Ratio Lower Upper
152 100
150 155.3 117.2 175.8
115 77.8 57.0 85.6



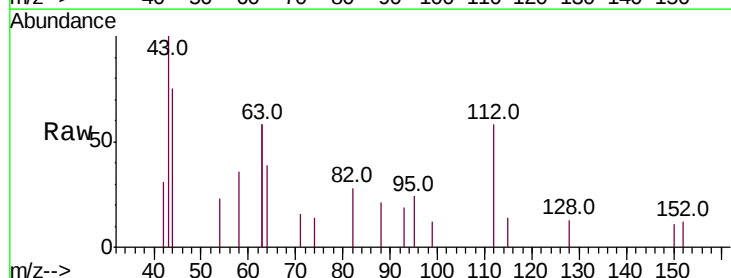
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



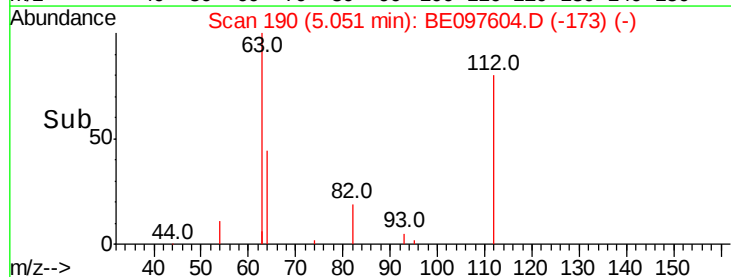
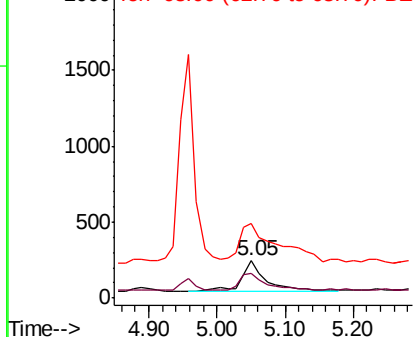
#4

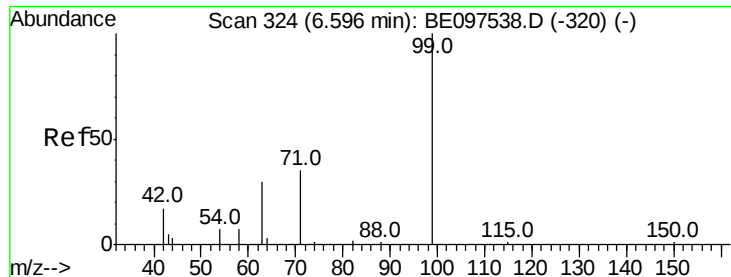
2-Fluorophenol
Concen: 0.227 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:112 Resp: 505
Ion Ratio Lower Upper
112 100
64 57.8 60.1 90.1#
63 192.5 116.8 175.2#



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: 0.125 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

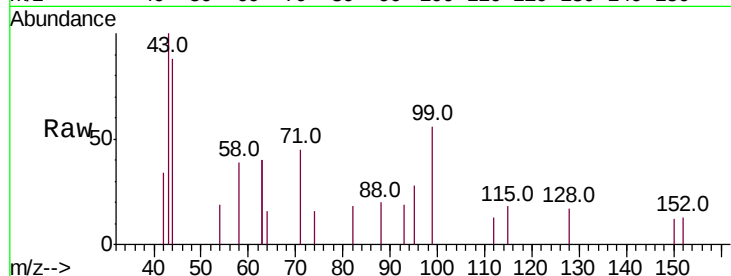
Tot Ion: 99 Resp: 356

Ion Ratio Lower Upper

99 100

42 11.0 20.2 30.2#

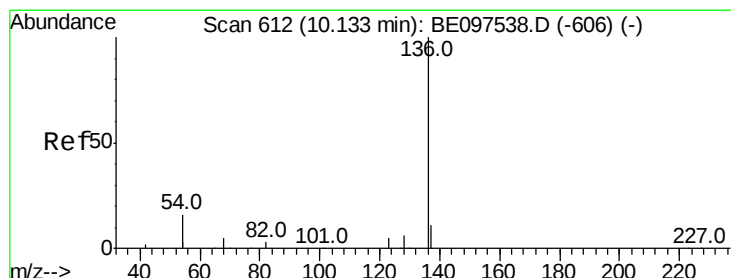
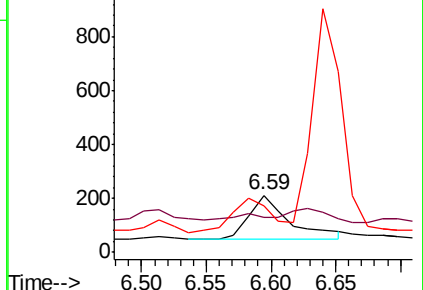
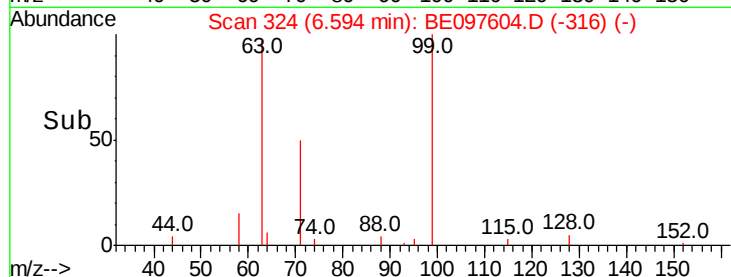
71 78.1 28.4 42.6#



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: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Tgt Ion: 136 Resp: 3868

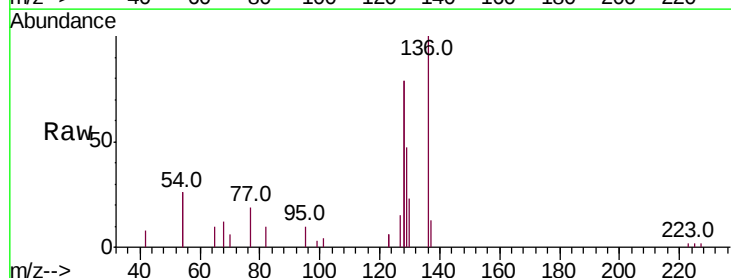
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 52.7 29.1 43.7#

68 12.4 6.2 9.2#

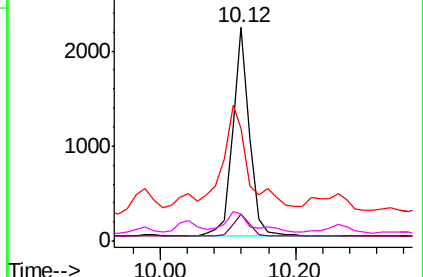
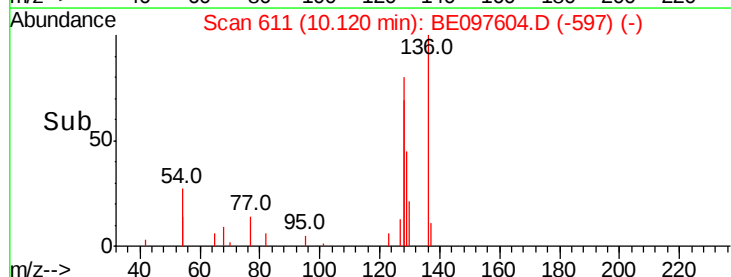


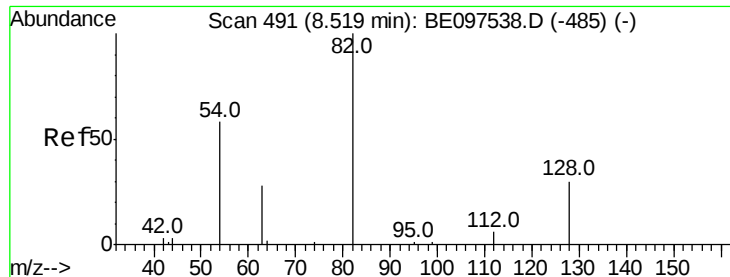
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

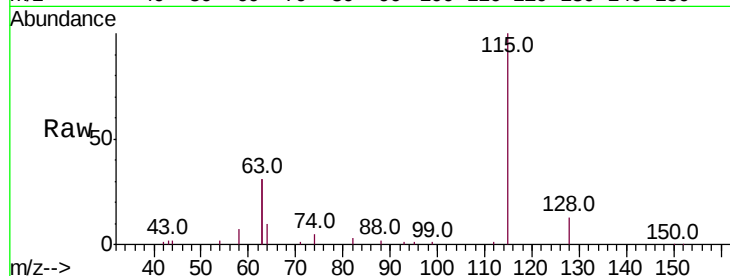
Tot Ion: 82 Resp: 1165

Ion Ratio Lower Upper

82 100

128 365.9 24.0 36.0#

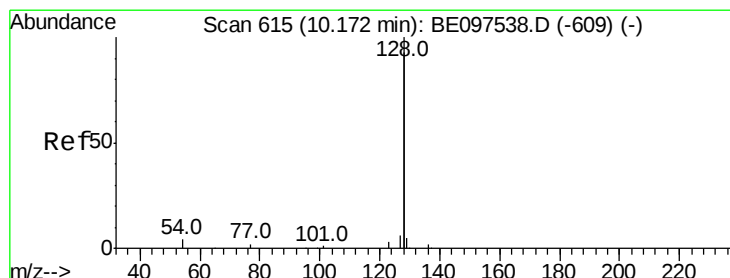
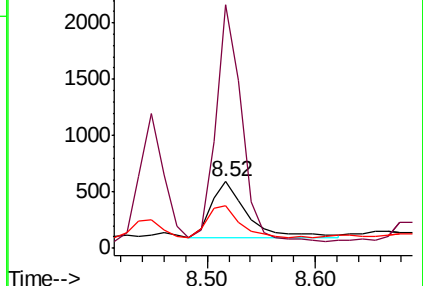
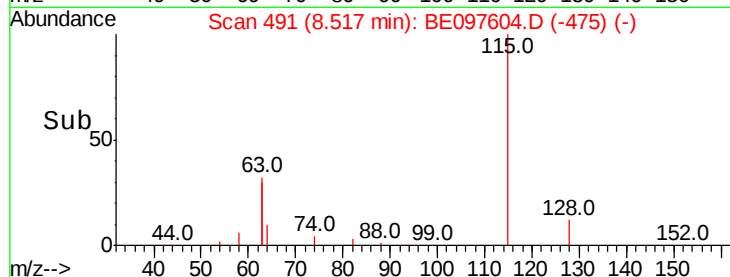
54 63.7 40.0 60.0#



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: 1.207 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

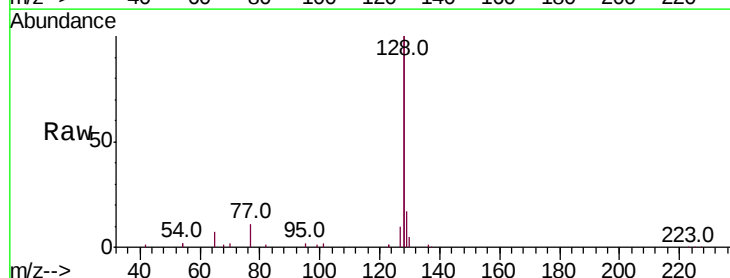
Tgt Ion:128 Resp: 42053

Ion Ratio Lower Upper

128 100

129 8.4 2.6 3.8#

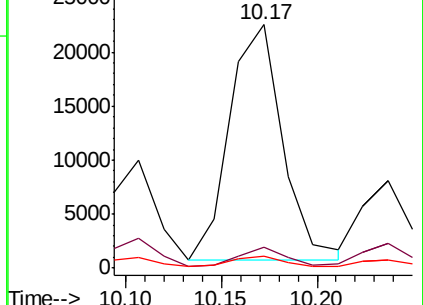
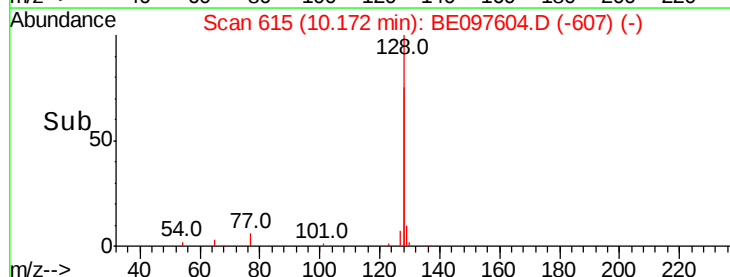
127 4.9 2.8 4.2#

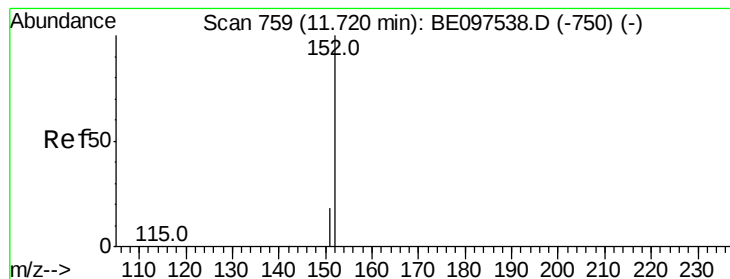


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.468 ng

RT: 11.70 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

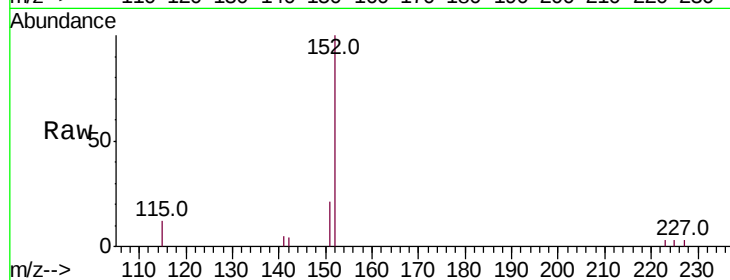
PR-MW-03-091218

Tot Ion:152 Resp: 2497

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.70

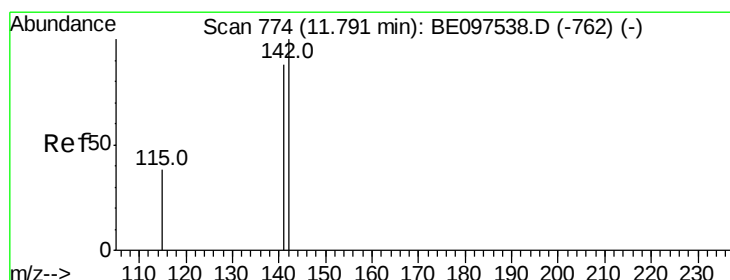
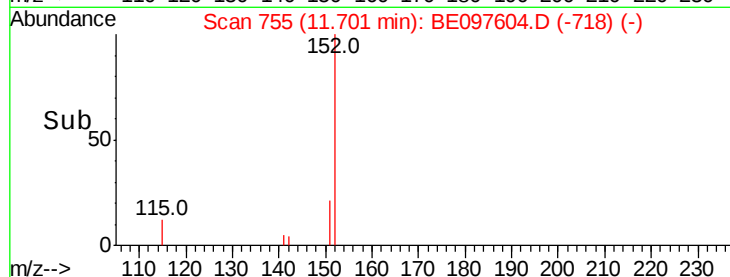
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 21.323 ng

RT: 11.78 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

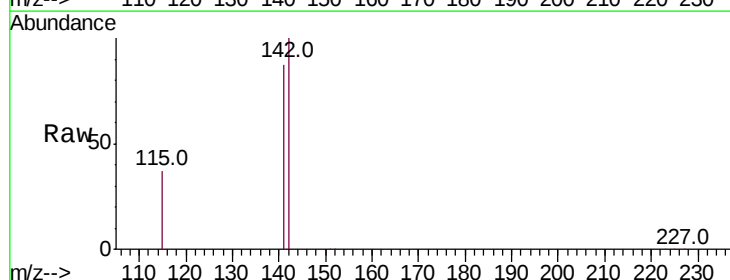
Tgt Ion:142 Resp: 115909

Ion Ratio Lower Upper

142 100

141 87.4 70.4 105.6

115 36.5 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.78

80000

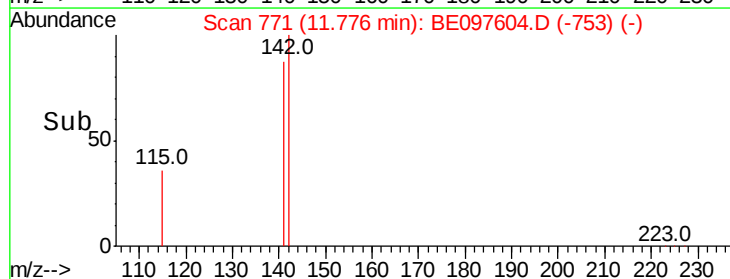
60000

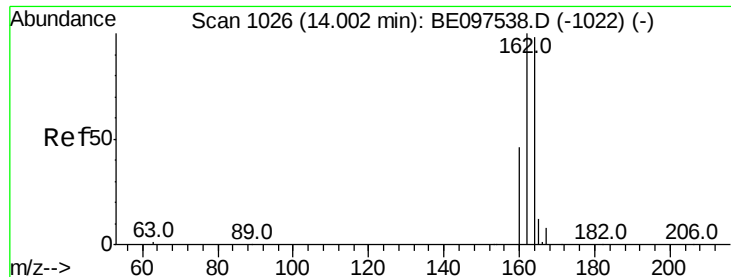
40000

20000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.99 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

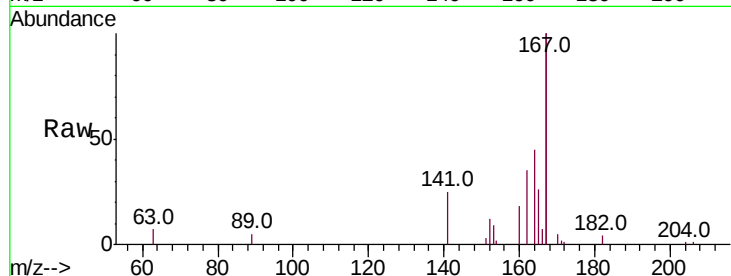
Tot Ion:164 Resp: 3867

Ion Ratio Lower Upper

164 100

162 76.6 83.1 124.7#

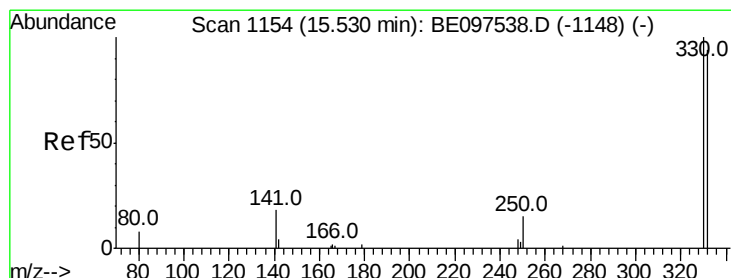
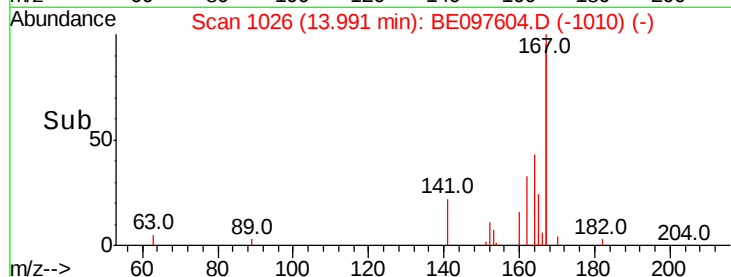
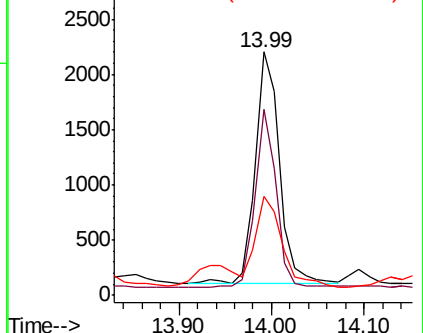
160 40.6 37.1 55.7



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: 0.458 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

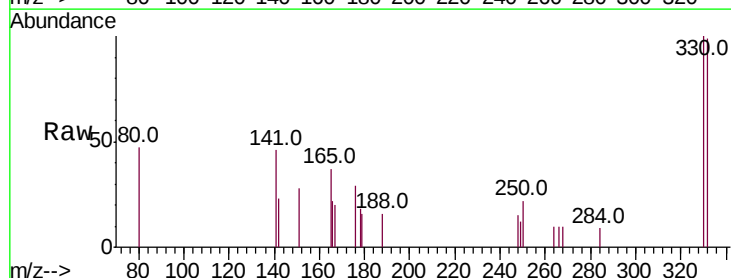
Tgt Ion:330 Resp: 691

Ion Ratio Lower Upper

330 100

332 95.4 152.7 229.1#

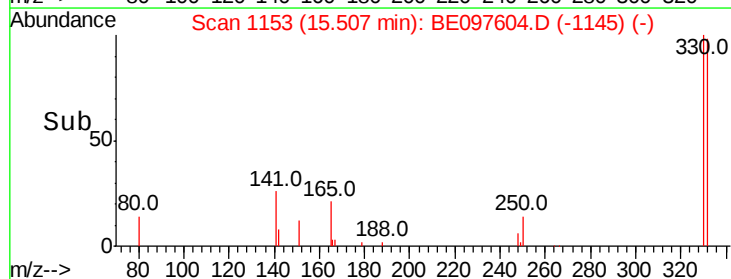
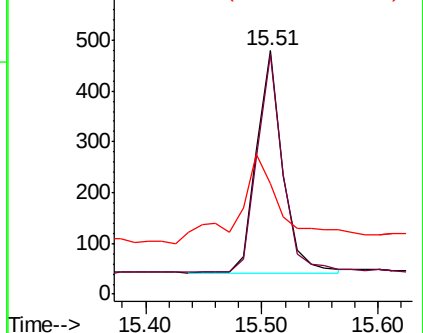
141 64.1 33.7 50.5#

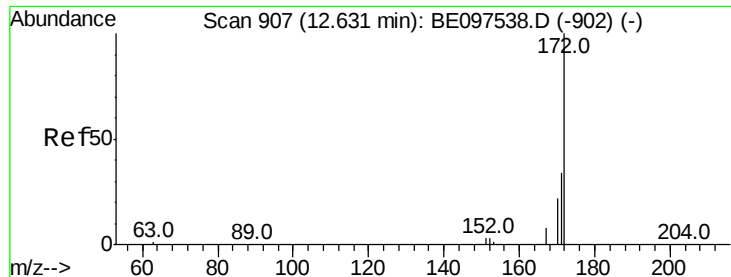


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

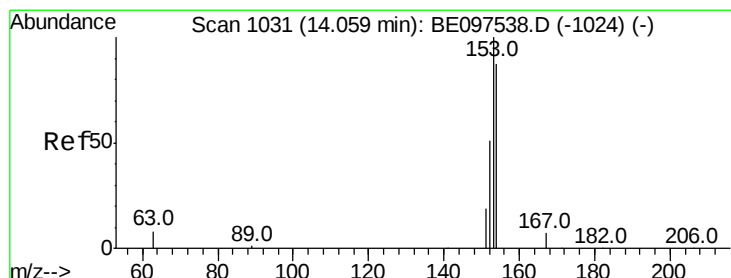
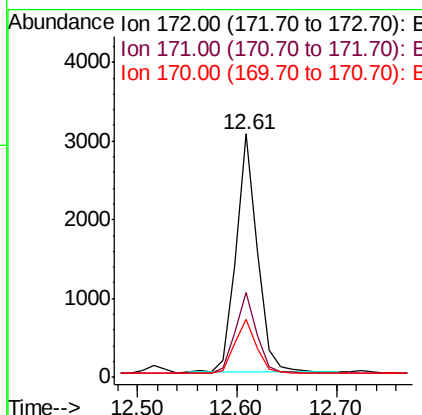
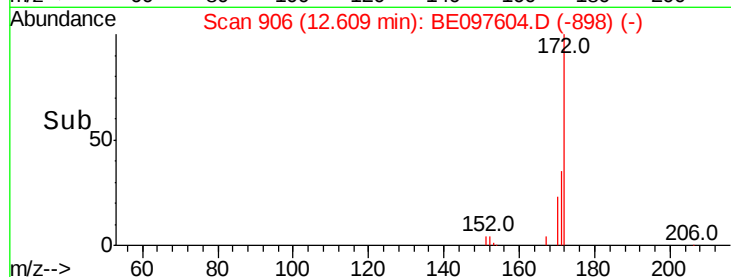
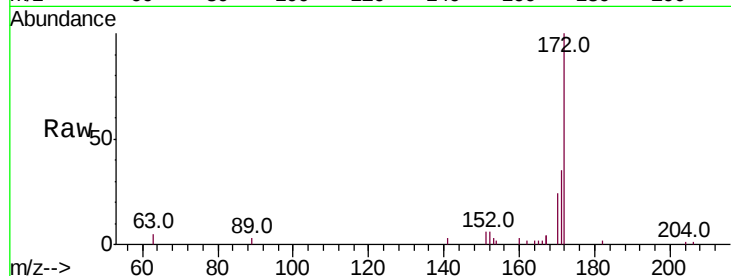




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

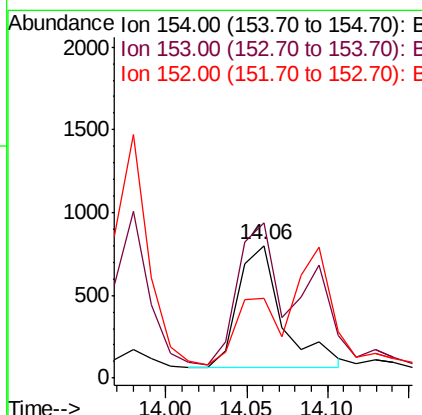
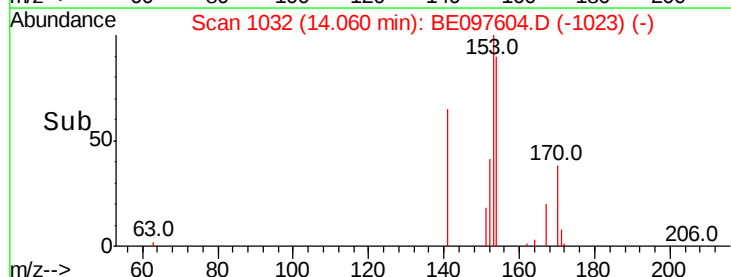
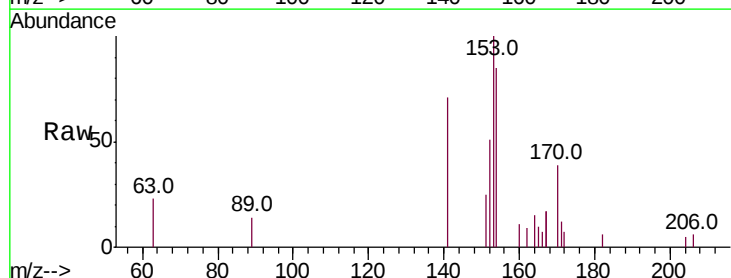
Instrument :
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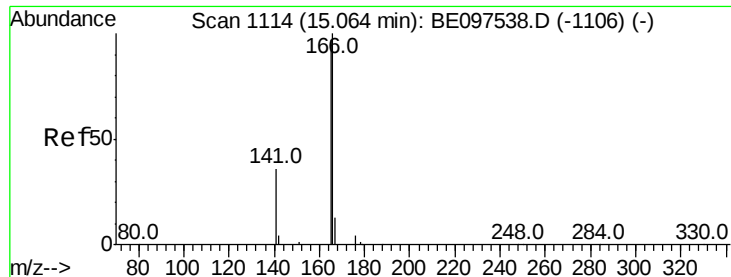
Tot Ion:172 Resp: 4485
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 23.8 21.8 32.8



#17
Acenaphthene
Concen: 0.137 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097604.D
Acq: 21 Sep 2018 10:28

Tgt Ion:154 Resp: 1408
Ion Ratio Lower Upper
154 100
153 157.2 89.2 133.8#
152 0.0 42.0 63.0#





#18

Fluorene

Concen: 0.401 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

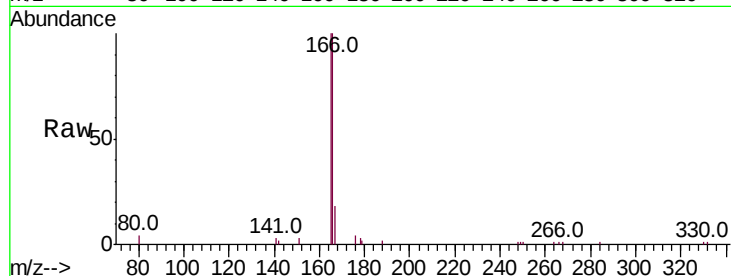
Tot Ion:166 Resp: 5364

Ion Ratio Lower Upper

166 100

165 102.1 77.8 116.6

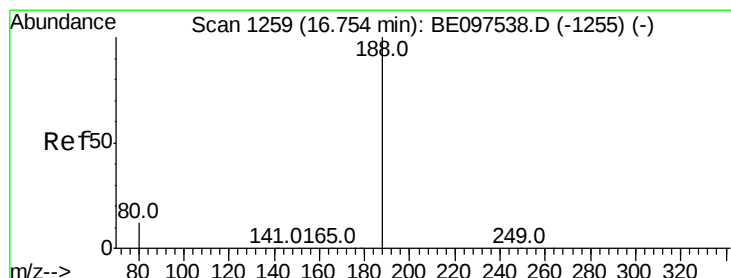
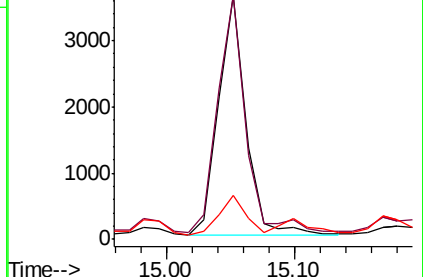
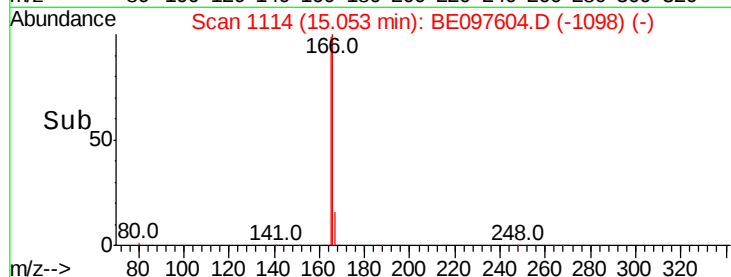
167 16.1 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

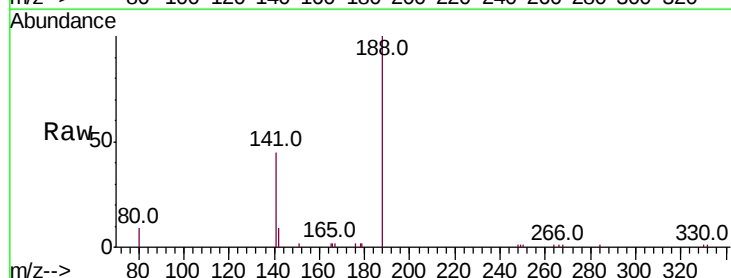
Tgt Ion:188 Resp: 7178

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

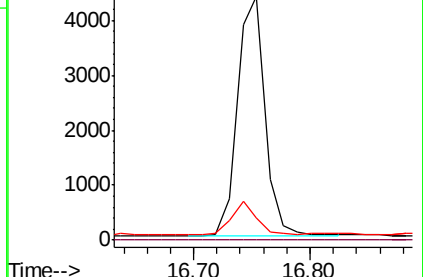
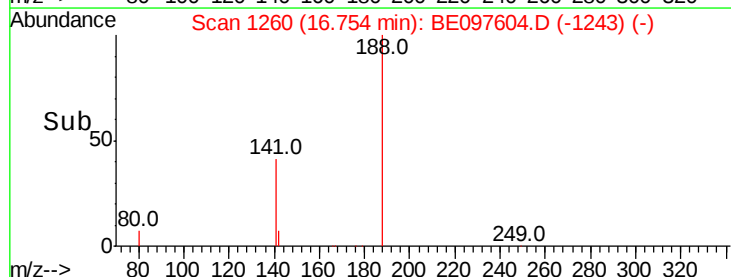
80 9.2 3.6 5.4#

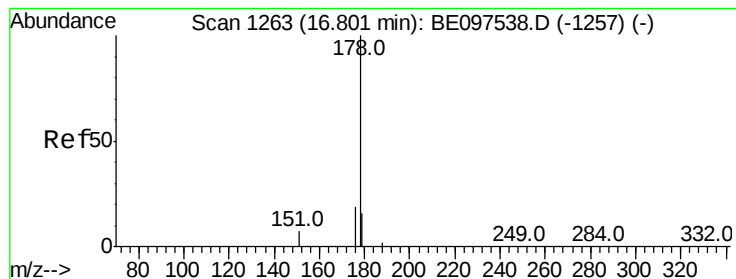


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#23

Phenanthrene

Concen: 0.128 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

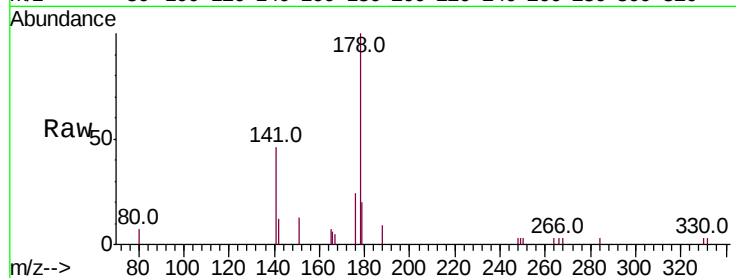
Tot Ion:178 Resp: 2185

Ion Ratio Lower Upper

178 100

176 21.0 15.1 22.7

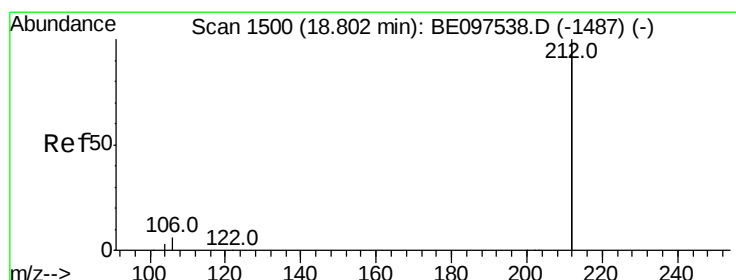
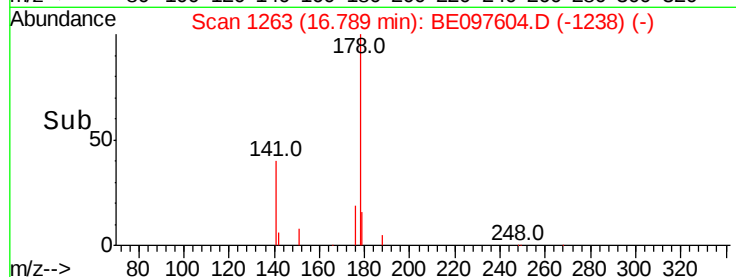
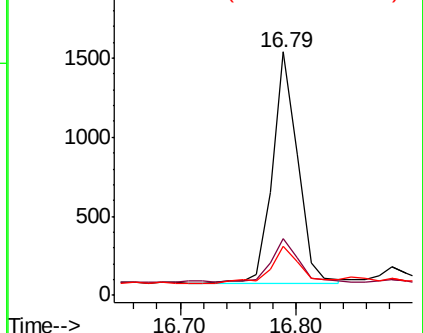
179 19.5 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.488 ng

RT: 18.79 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

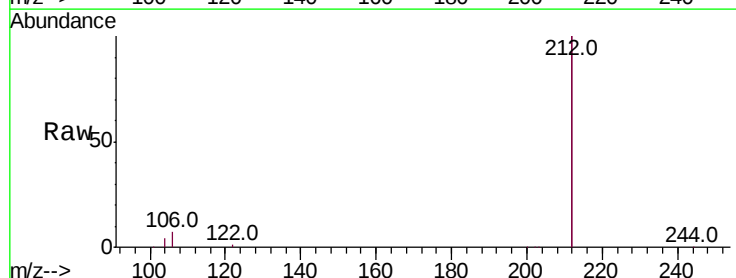
Tgt Ion:212 Resp: 44867

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

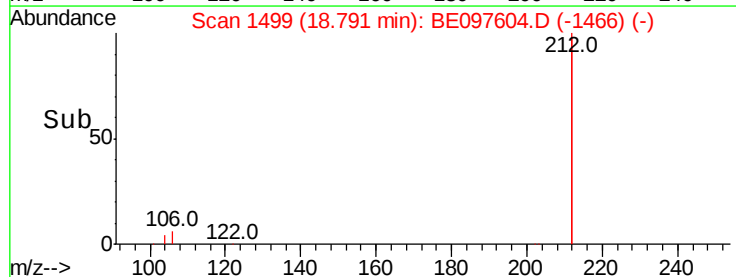
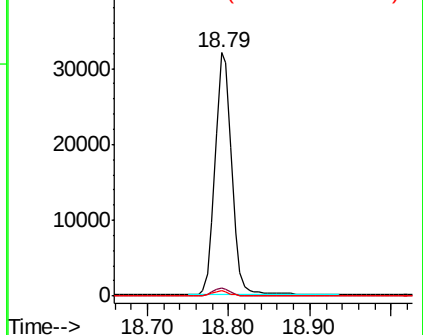
104 1.8 1.6 2.4

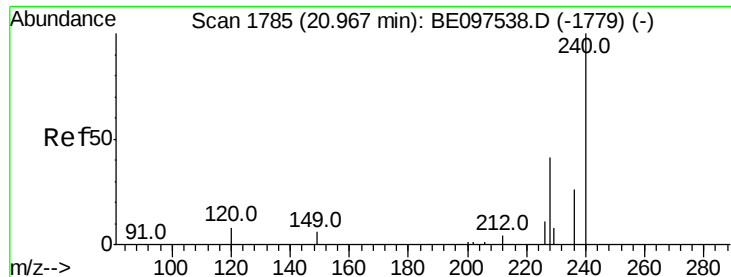


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

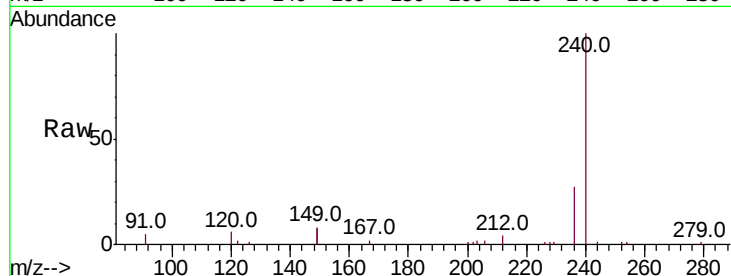
Tot Ion:240 Resp: 9677

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

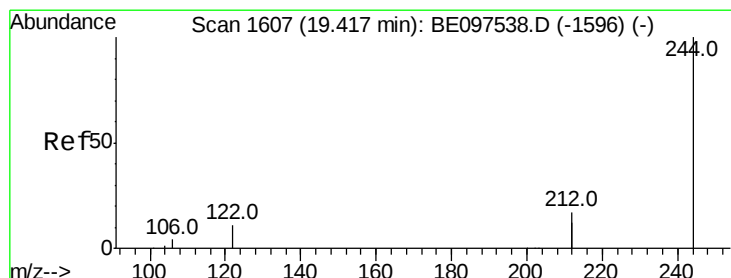
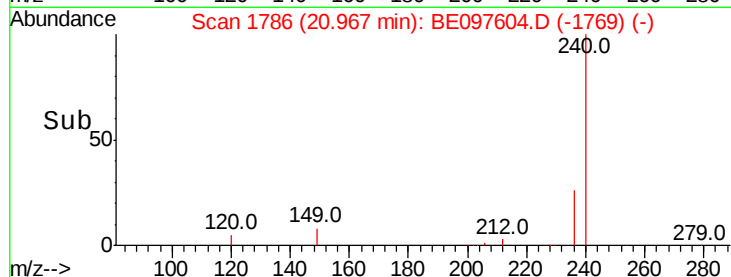
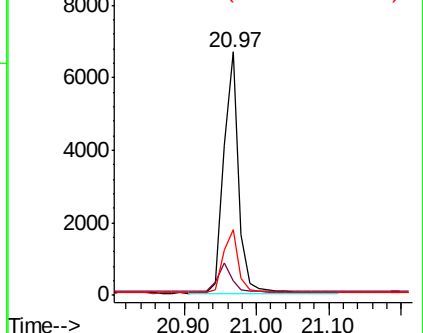
236 27.2 20.7 31.1



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: 0.620 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

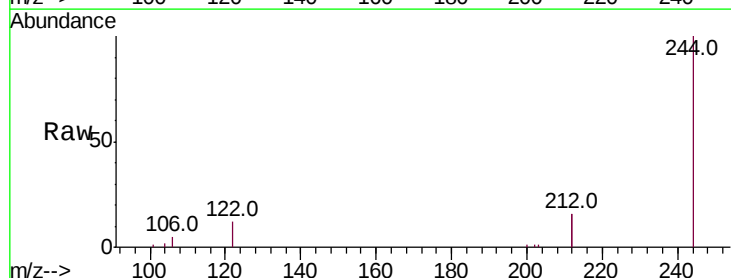
Tgt Ion:244 Resp: 10975

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

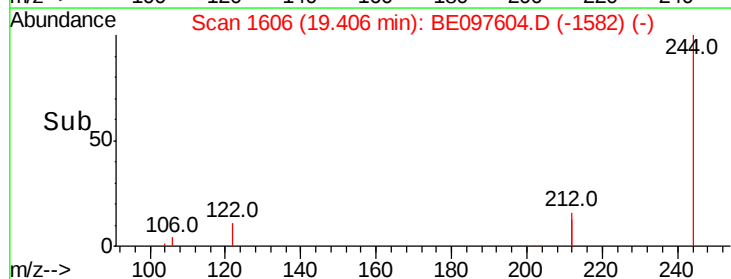
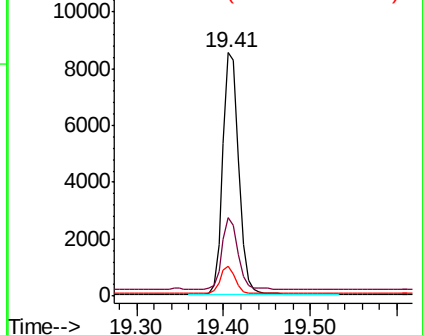
122 12.3 8.1 12.1#

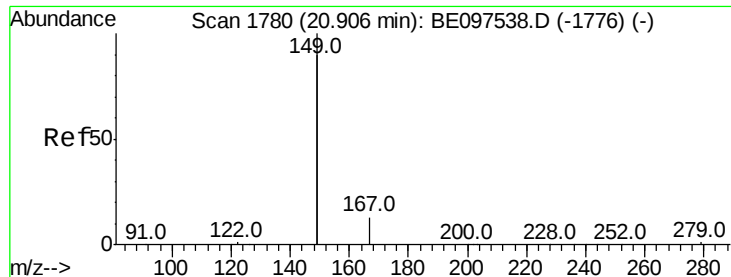


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.160 ng

RT: 20.89 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

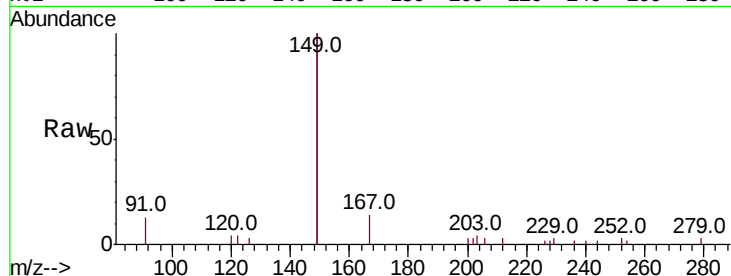
Tot Ion:149 Resp: 6127

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

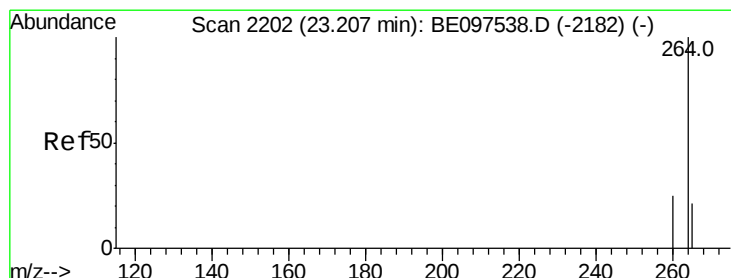
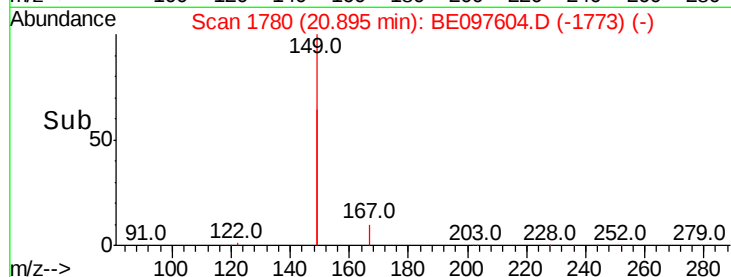
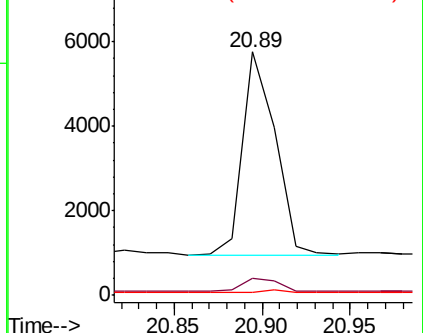
279 1.1 0.7 1.1



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: 23.20 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BE097604.D

Acq: 21 Sep 2018 10:28

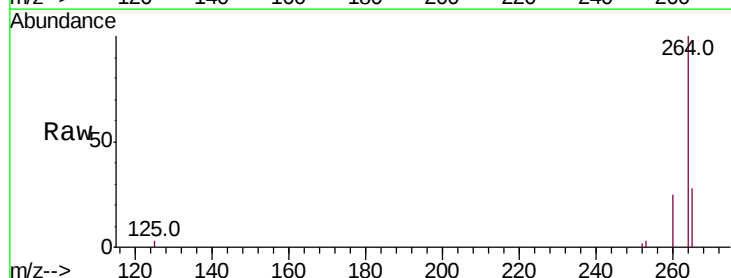
Tgt Ion:264 Resp: 9444

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 27.8 22.8 34.2



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

