

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
 Data File : BE097509.D
 Acq On : 17 Sep 2018 23:21
 Operator : SJ/JU
 Sample : J4892-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-091218

Quant Time: Sep 18 06:58:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

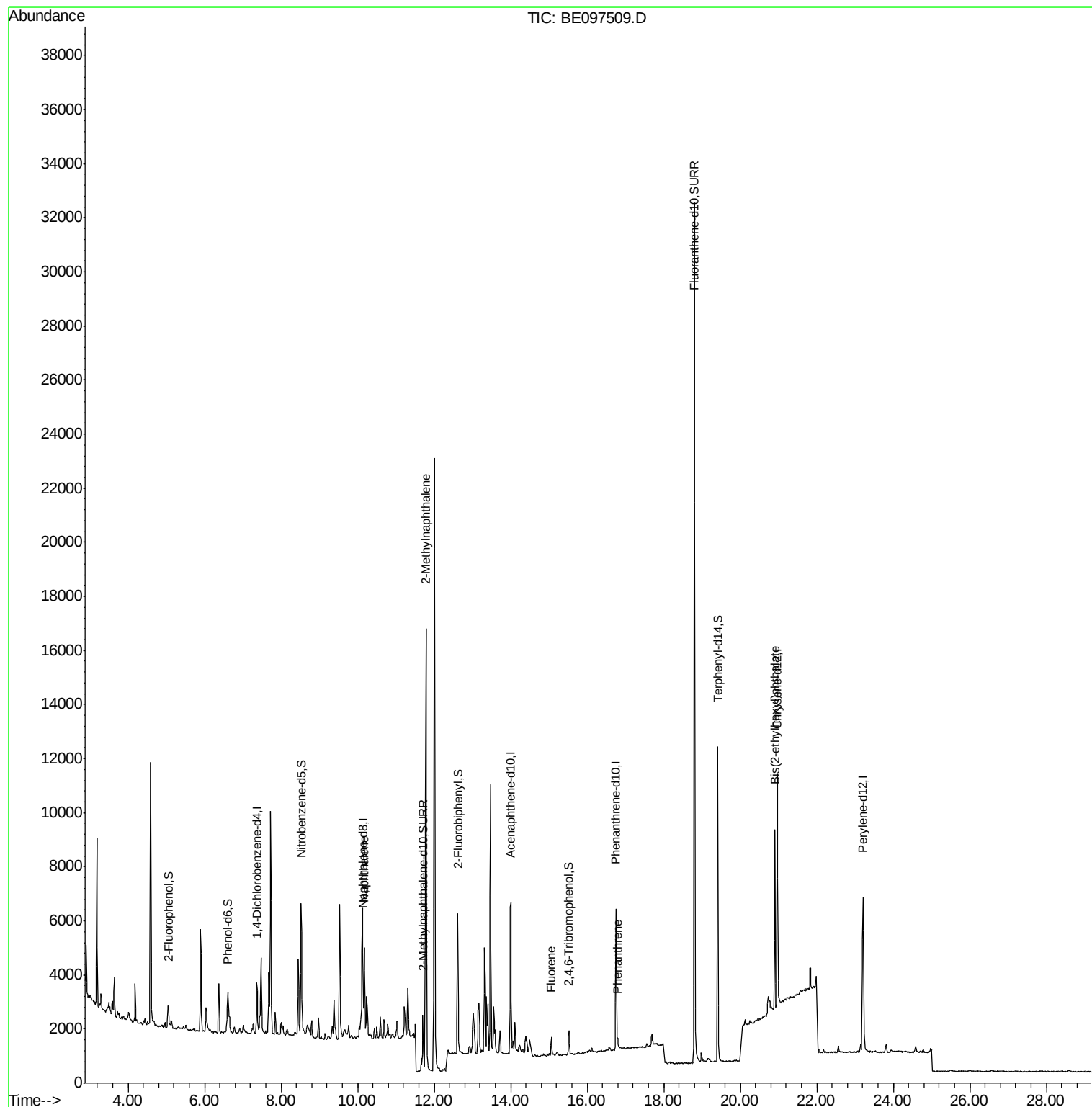
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	951	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4555	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2675	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7466	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9049	0.40	ng	0.00
34) Perylene-d12	23.20	264	8983	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	645	0.20	ng	0.00
5) Phenol-d6	6.60	99	517	0.13	ng	0.00
8) Nitrobenzene-d5	8.52	82	1577	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	3158	0.49	ng	-0.01
14) 2,4,6-Tribromophenol	15.52	330	579	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5542	0.59	ng	0.00
25) Fluoranthene-d10	18.80	212	46159	0.51	ng	0.00
29) Terphenyl-d14	19.41	244	10304	0.60	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.17	128	4557	0.110	ng	# 88
12) 2-Methylnaphthalene	11.78	142	12431	1.879	ng	# 98
18) Fluorene	15.06	166	534	0.058	ng	# 77
23) Phenanthrene	16.80	178	408	0.023	ng	# 82
32) Bis(2-ethylhexyl)phthalate	20.91	149	6961	0.138	ng	# 100

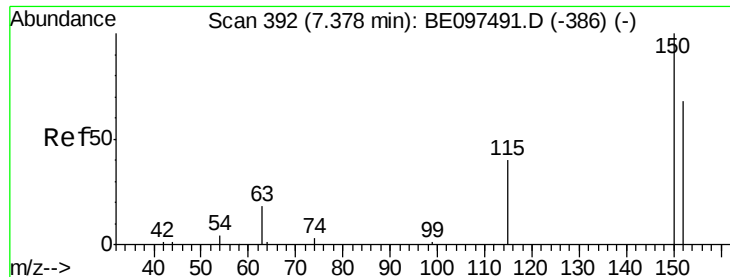
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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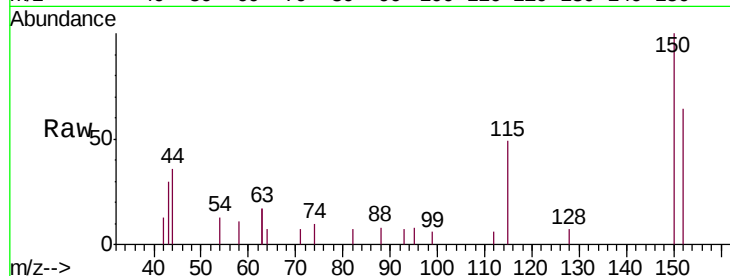


#1

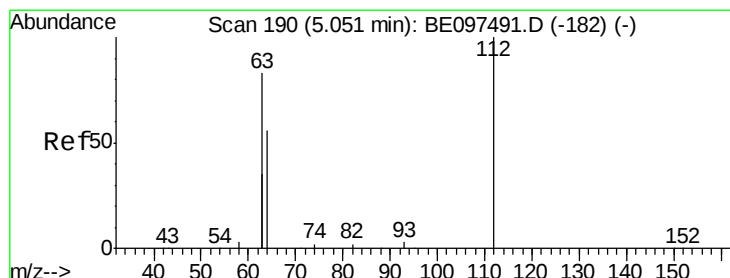
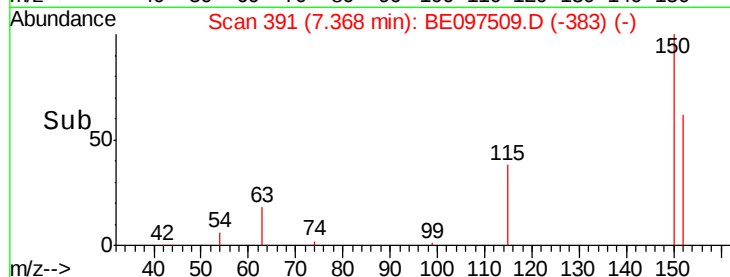
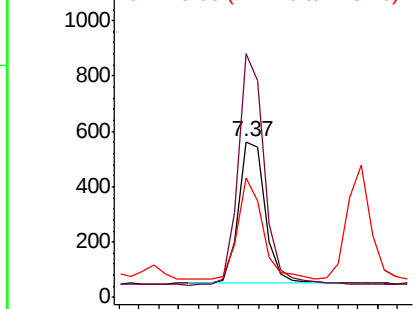
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

Instrument :
BNA_E
ClientSampleId :
PR-MW-02-091218

Tgt Ion:152 Resp: 951
Ion Ratio Lower Upper
152 100
150 156.6 117.2 175.8
115 77.0 57.0 85.6



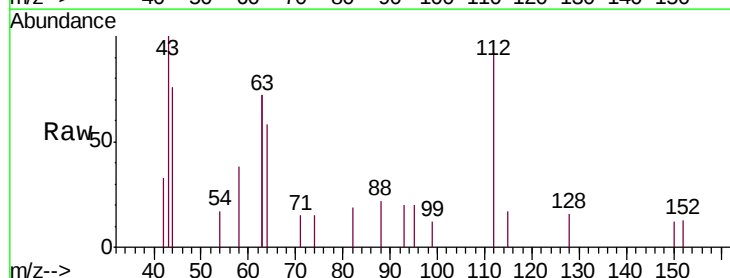
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



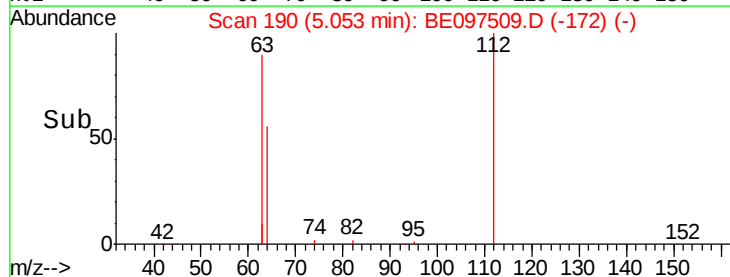
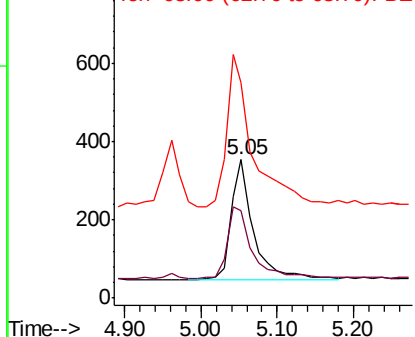
#4

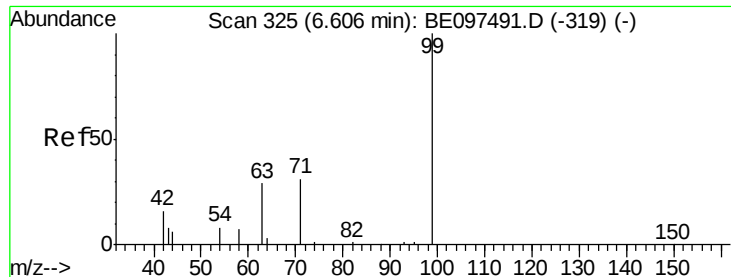
2-Fluorophenol
Concen: 0.200 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

Tgt Ion:112 Resp: 645
Ion Ratio Lower Upper
112 100
64 66.0 60.1 90.1
63 148.5 116.8 175.2



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: 0.126 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

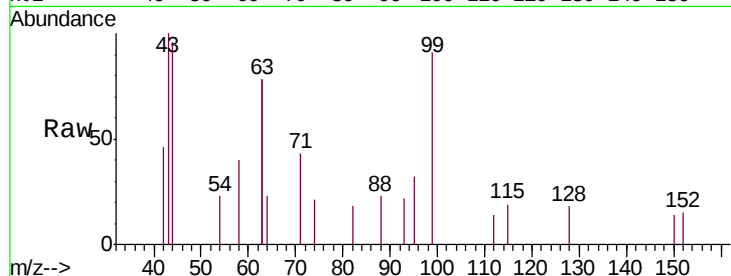
Tgt Ion: 99 Resp: 517

Ion Ratio Lower Upper

99 100

42 16.6 20.2 30.2#

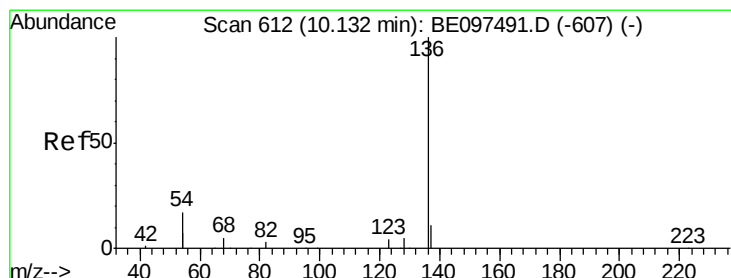
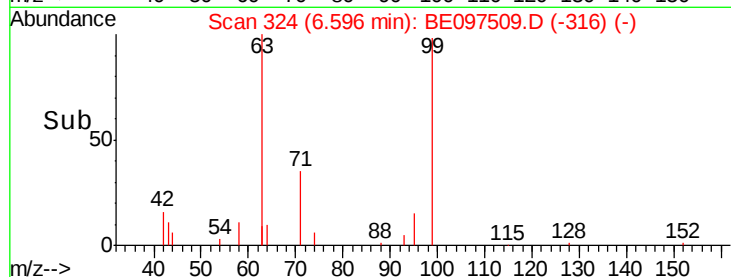
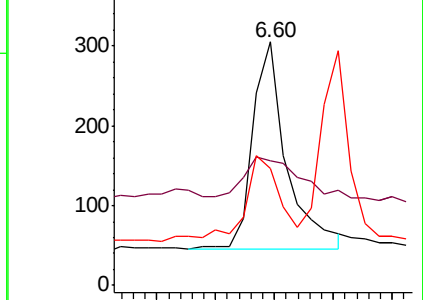
71 36.2 28.4 42.6



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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Tgt Ion: 136 Resp: 4555

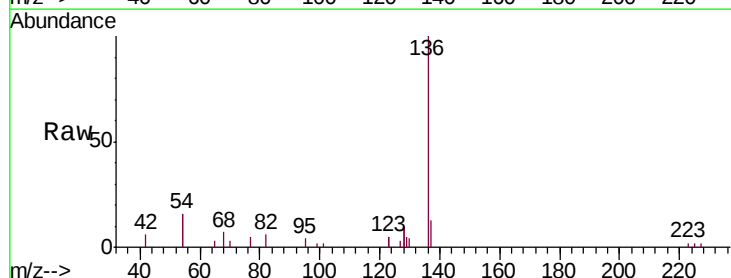
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 31.1 29.1 43.7

68 7.2 6.2 9.2

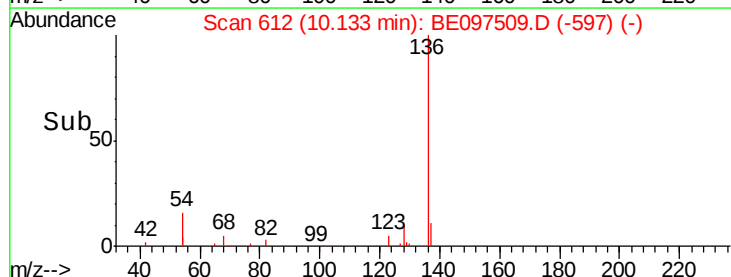
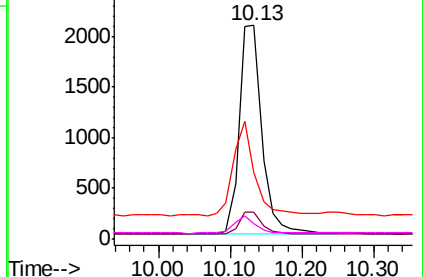


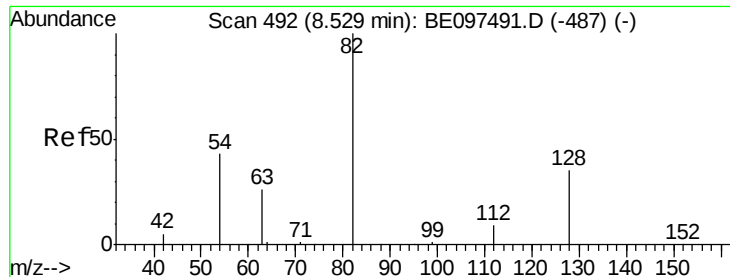
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.430 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

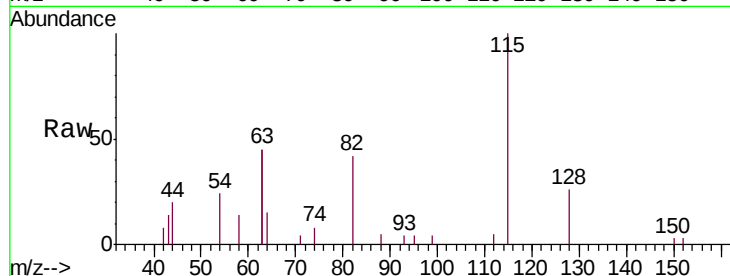
Tgt Ion: 82 Resp: 1577

Ion Ratio Lower Upper

82 100

128 62.5 24.0 36.0#

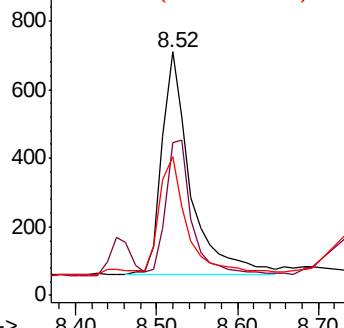
54 57.2 40.0 60.0



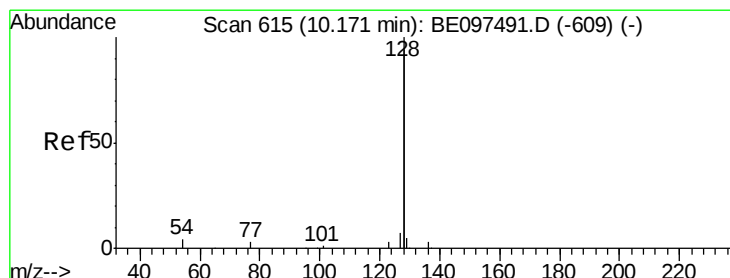
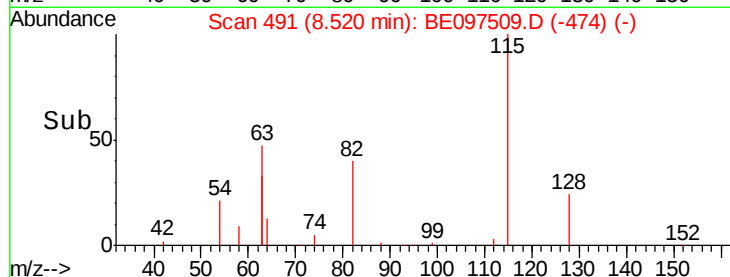
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.110 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

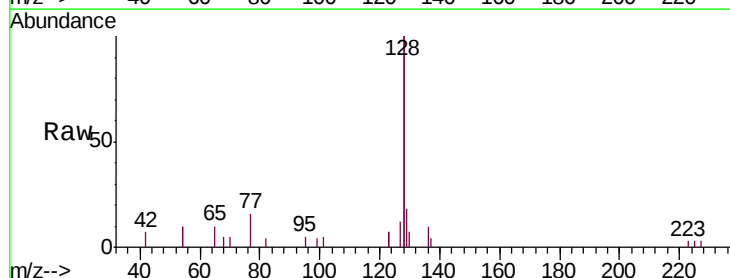
Tgt Ion: 128 Resp: 4557

Ion Ratio Lower Upper

128 100

129 8.8 2.6 3.8#

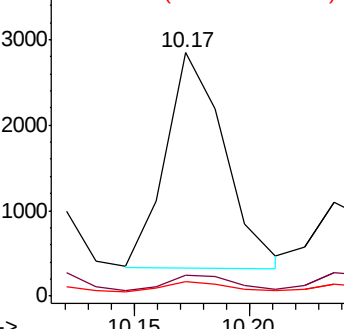
127 5.9 2.8 4.2#



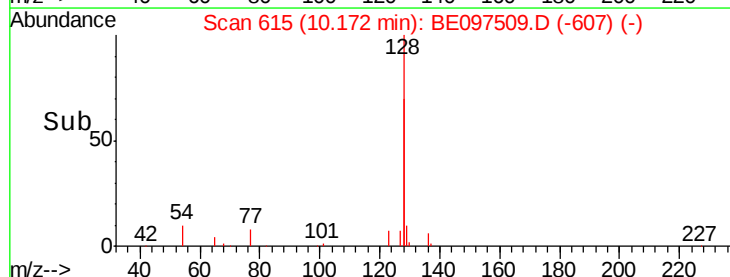
Abundance Ion 128.00 (127.70 to 128.70): E

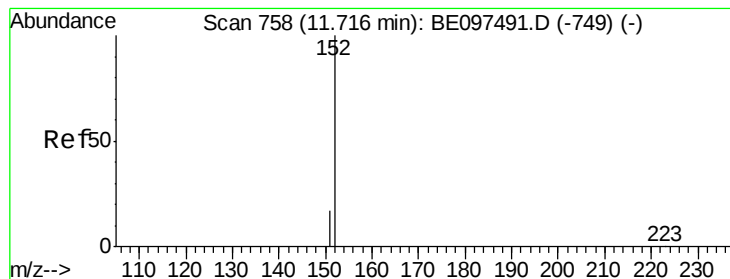
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.485 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

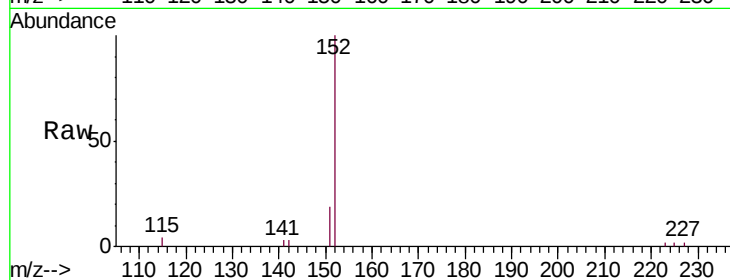
PR-MW-02-091218

Tgt Ion:152 Resp: 3158

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.71

2000

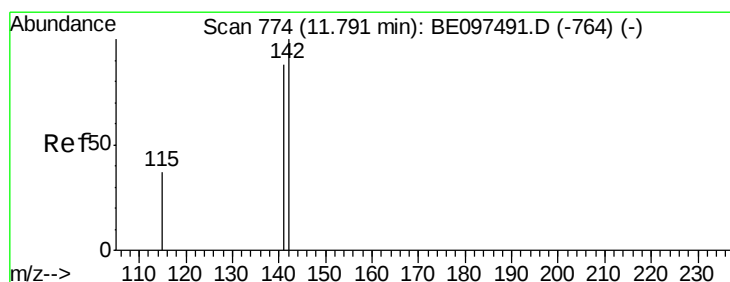
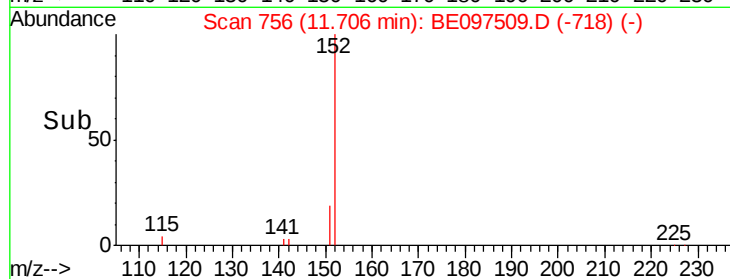
1500

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 1.879 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

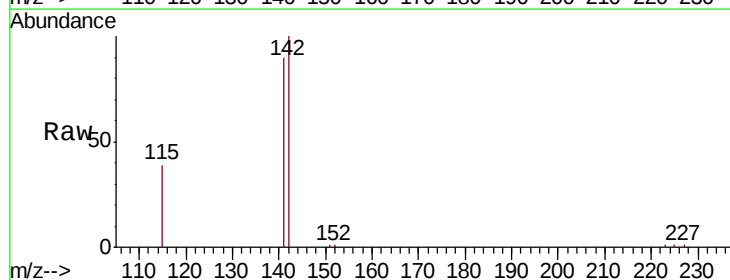
Tgt Ion:142 Resp: 12431

Ion Ratio Lower Upper

142 100

141 89.8 70.4 105.6

115 38.6 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

10000

8000

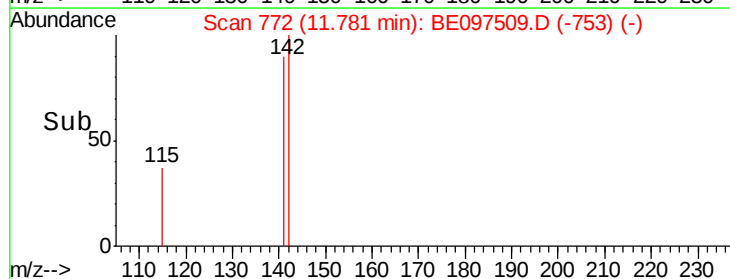
6000

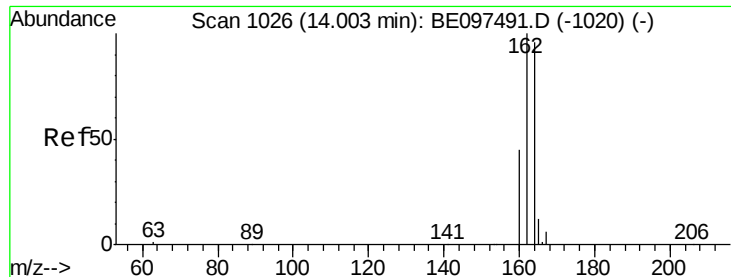
4000

2000

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

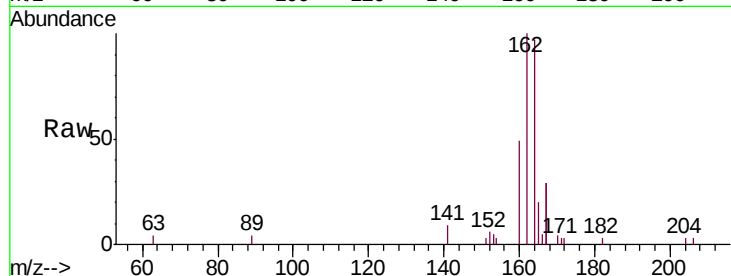
Tgt Ion:164 Resp: 2675

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

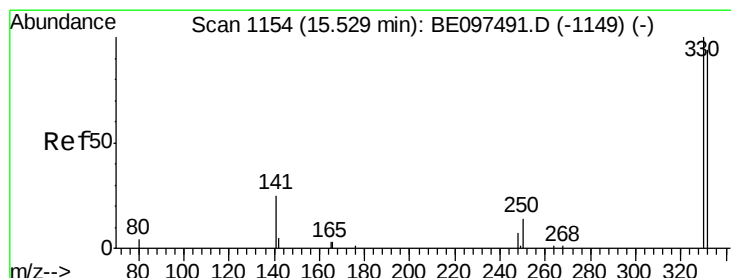
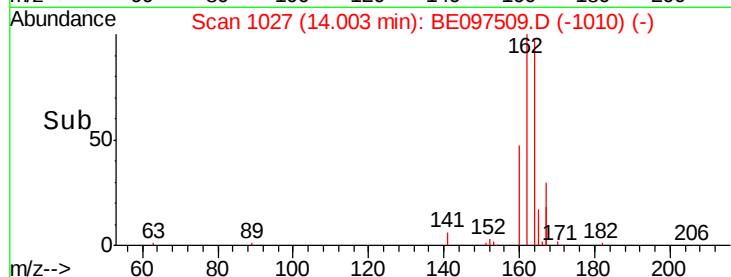
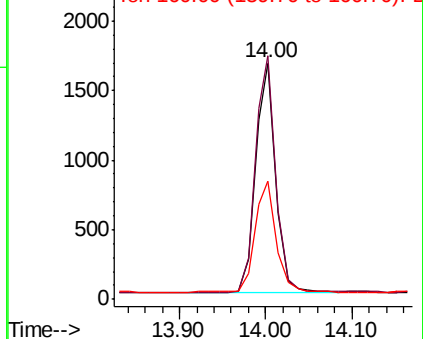
160 50.1 37.1 55.7



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: 0.410 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

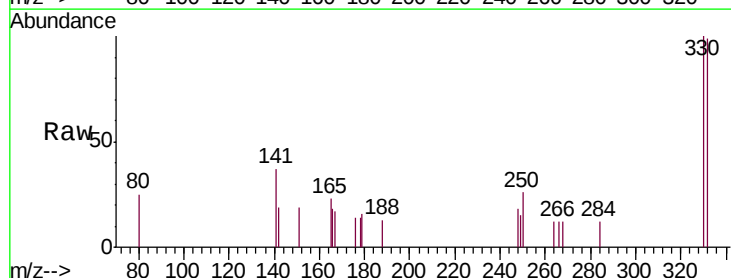
Tgt Ion:330 Resp: 579

Ion Ratio Lower Upper

330 100

332 94.6 152.7 229.1#

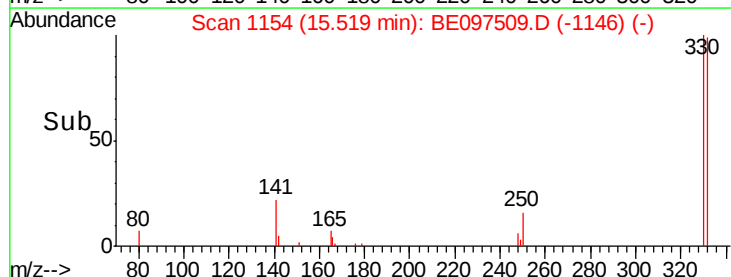
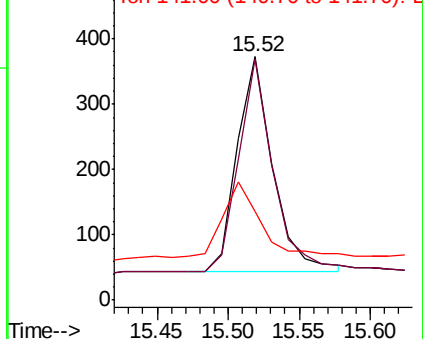
141 36.1 33.7 50.5

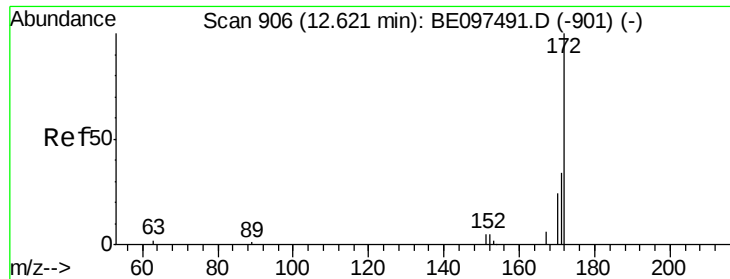


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

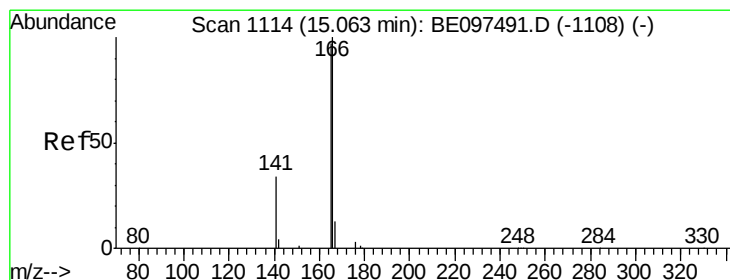
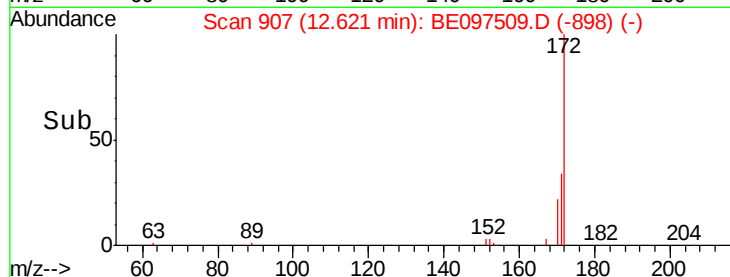
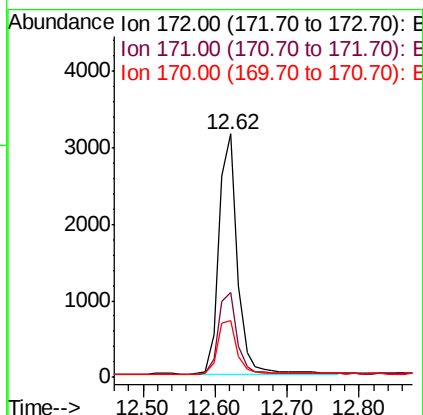
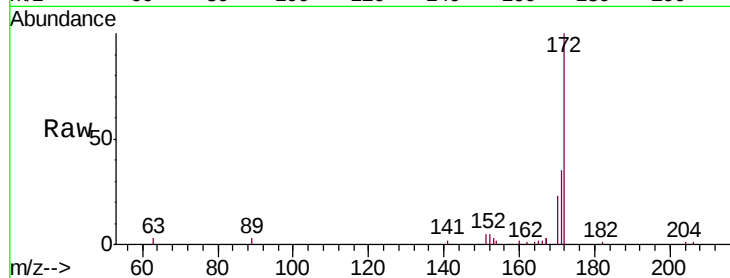




#15
2-Fluorobiphenyl
Concen: 0.593 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

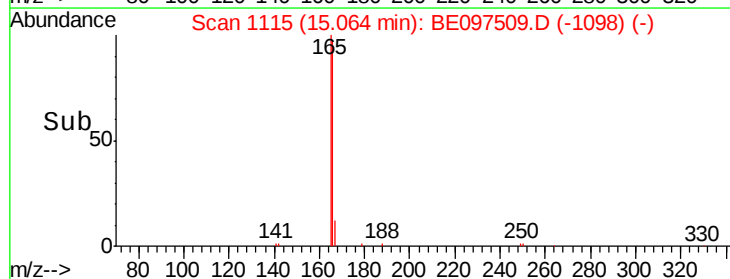
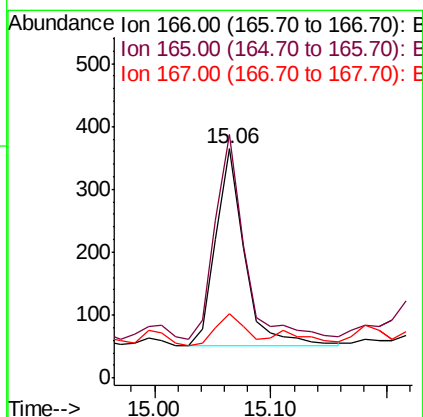
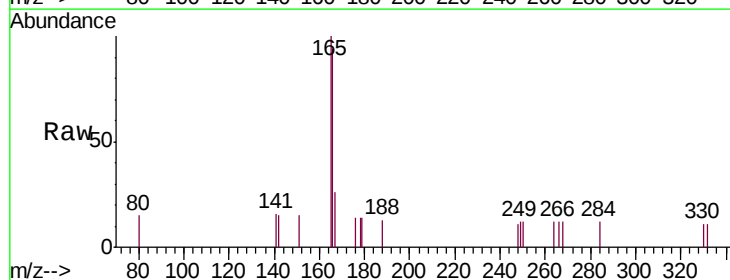
Instrument :
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PR-MW-02-091218

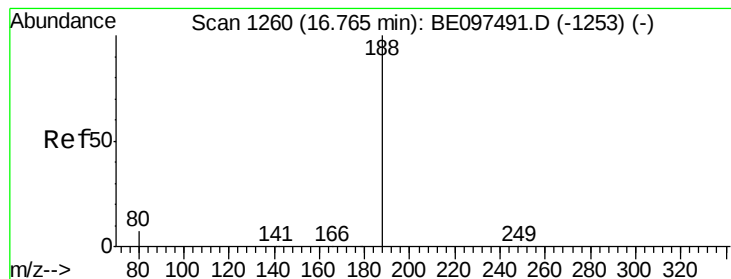
Tgt Ion:172 Resp: 5542
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 23.2 21.8 32.8



#18
Fluorene
Concen: 0.058 ng
RT: 15.06 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

Tgt Ion:166 Resp: 534
Ion Ratio Lower Upper
166 100
165 105.8 77.8 116.6
167 17.8 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

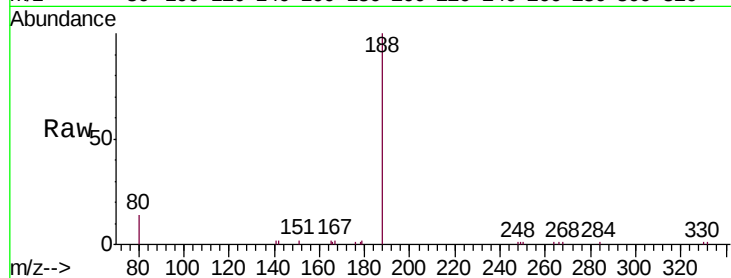
Tgt Ion:188 Resp: 7466

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

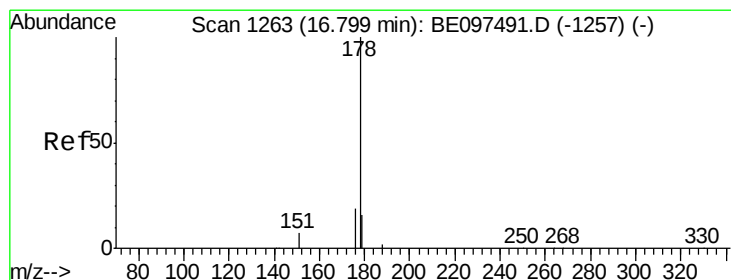
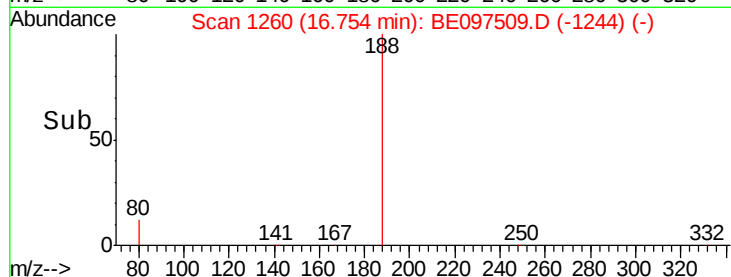
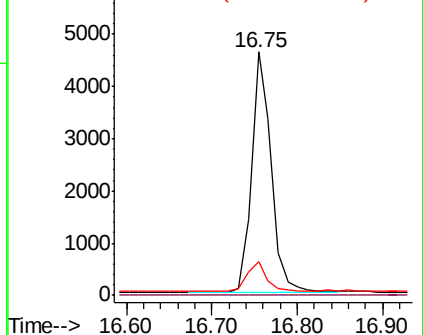
80 14.0 3.6 5.4#



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: 0.023 ng

RT: 16.80 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

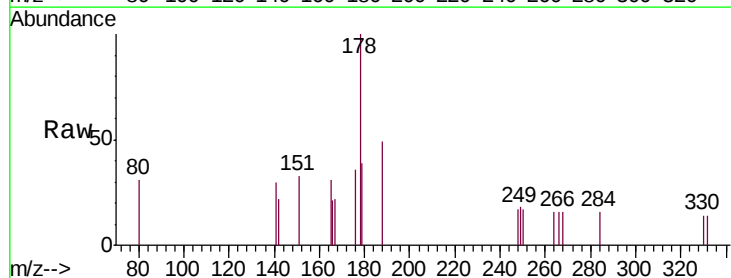
Tgt Ion:178 Resp: 408

Ion Ratio Lower Upper

178 100

176 21.8 15.1 22.7

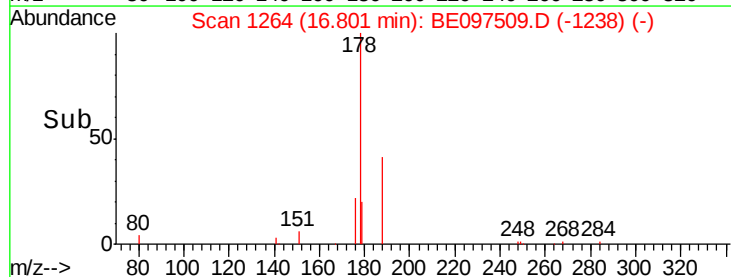
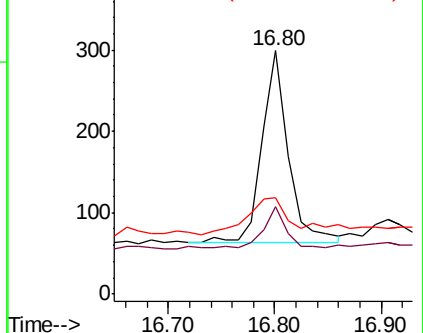
179 28.2 11.8 17.6#

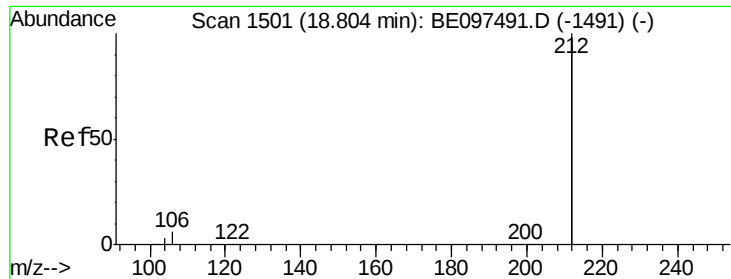


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.515 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

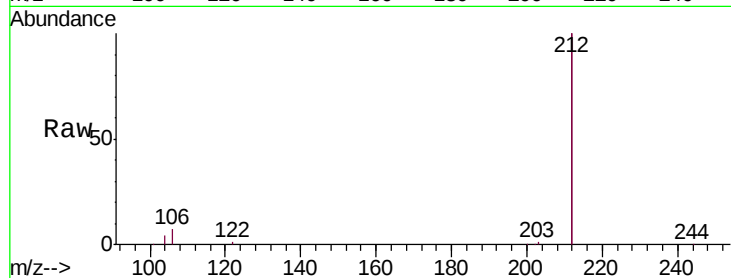
Tgt Ion:212 Resp: 46159

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

104 1.7 1.6 2.4

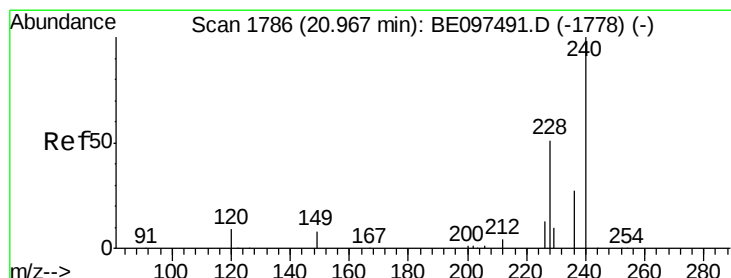
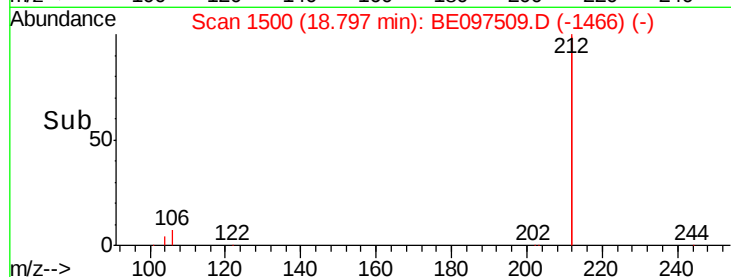
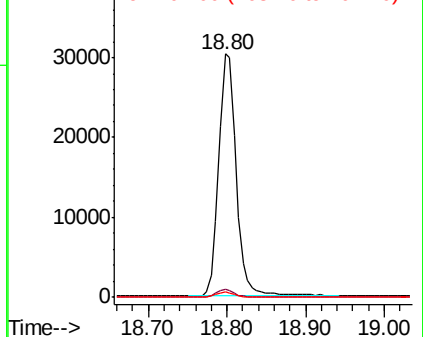


Abundance

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: BE097509.D

Acq: 17 Sep 2018 23:21

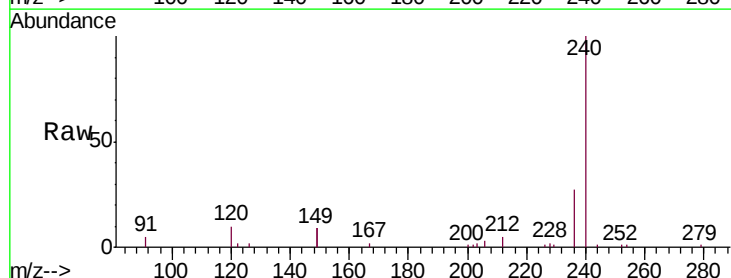
Tgt Ion:240 Resp: 9049

Ion Ratio Lower Upper

240 100

120 10.5 5.5 8.3#

236 27.4 20.7 31.1

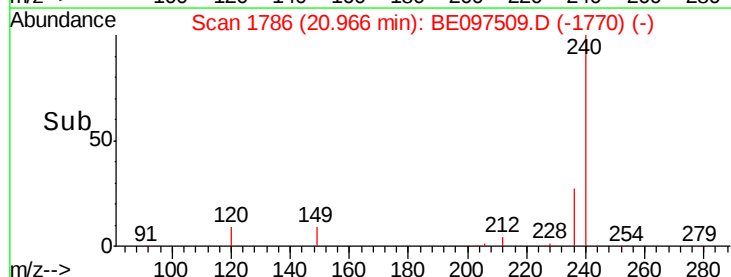
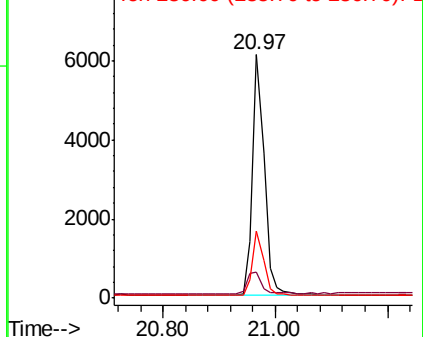


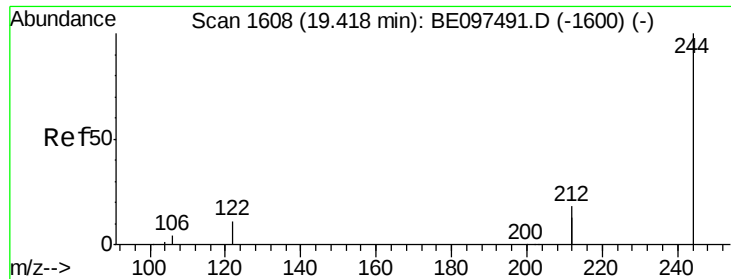
Abundance

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: 0.595 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

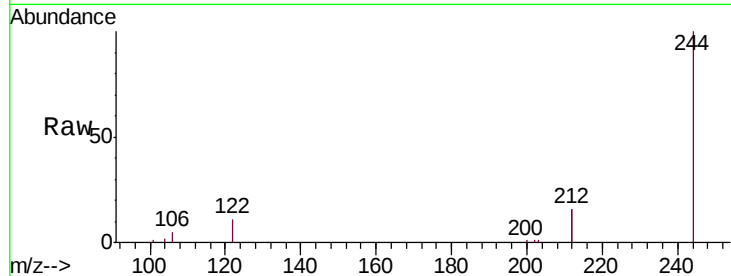
Tgt Ion:244 Resp: 10304

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

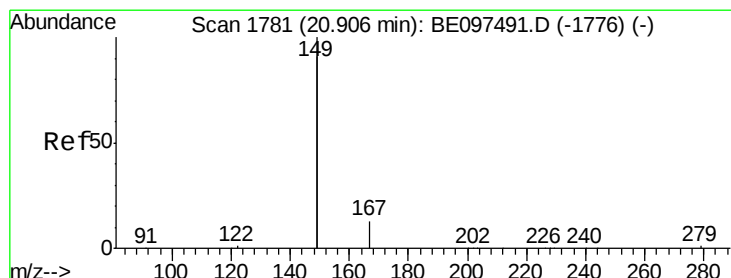
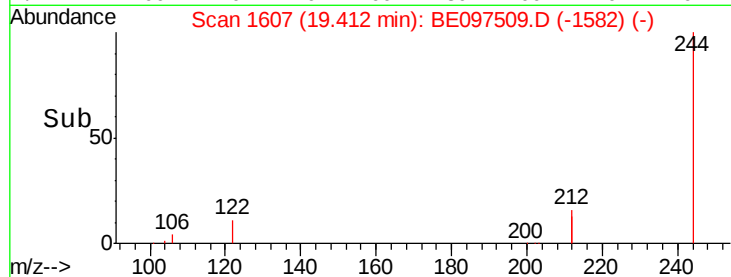
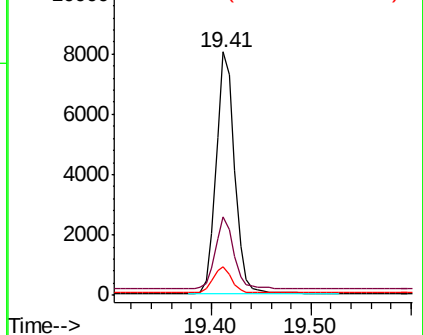
122 11.5 8.1 12.1



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: 0.138 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

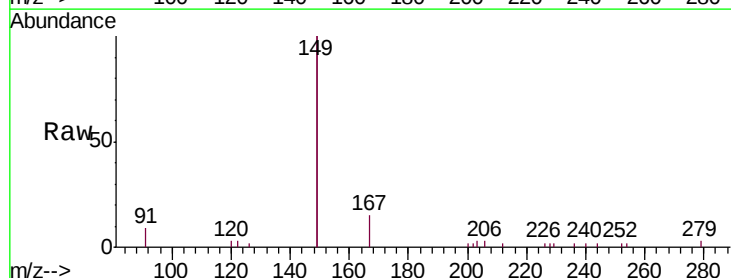
Tgt Ion:149 Resp: 6961

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

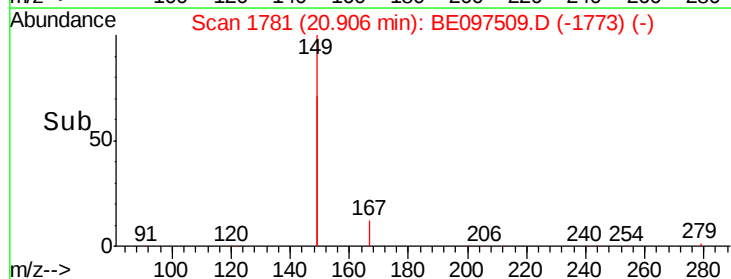
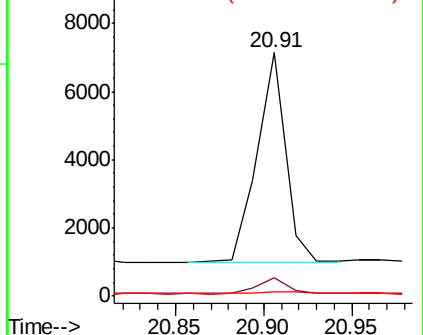
279 1.2 0.7 1.1#

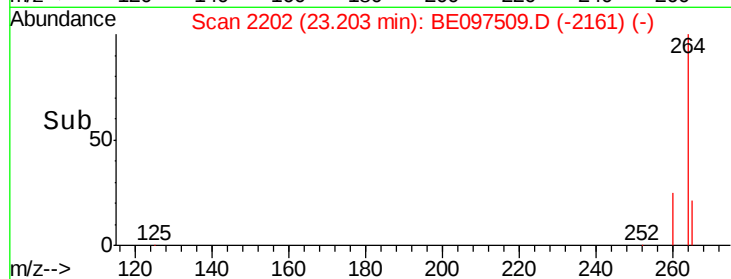
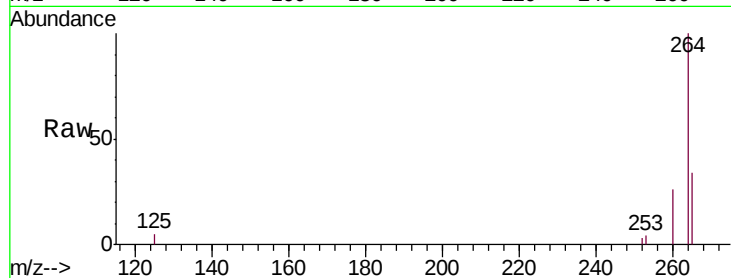
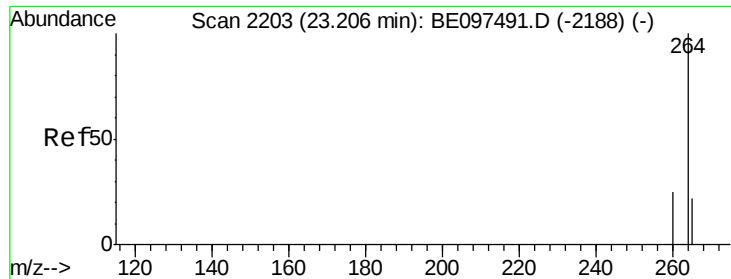


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2202

Delta R.T. -0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

Tgt Ion:264 Resp: 8983

Ion Ratio Lower Upper

264 100

260 25.8 20.5 30.7

265 34.2 22.8 34.2

