

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
 Data File : BE097508.D
 Acq On : 17 Sep 2018 22:42
 Operator : SJ/JU
 Sample : J4892-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 18 15:12:39 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	996	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	5081	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	5216	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8085	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9164	0.40	ng	0.00
34) Perylene-d12	23.21	264	9221	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	668	0.20	ng	0.00
5) Phenol-d6	6.60	99	526	0.12	ng	0.00
8) Nitrobenzene-d5	8.51	82	1640	0.40	ng	-0.02
11) 2-Methylnaphthalene-d10	11.71	152	3276	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.51	330	764	0.28	ng	-0.02
15) 2-Fluorobiphenyl	12.61	172	6028	0.33	ng	-0.01
25) Fluoranthene-d10	18.80	212	43857	0.45	ng	0.00
29) Terphenyl-d14	19.41	244	10635	0.61	ng	0.00

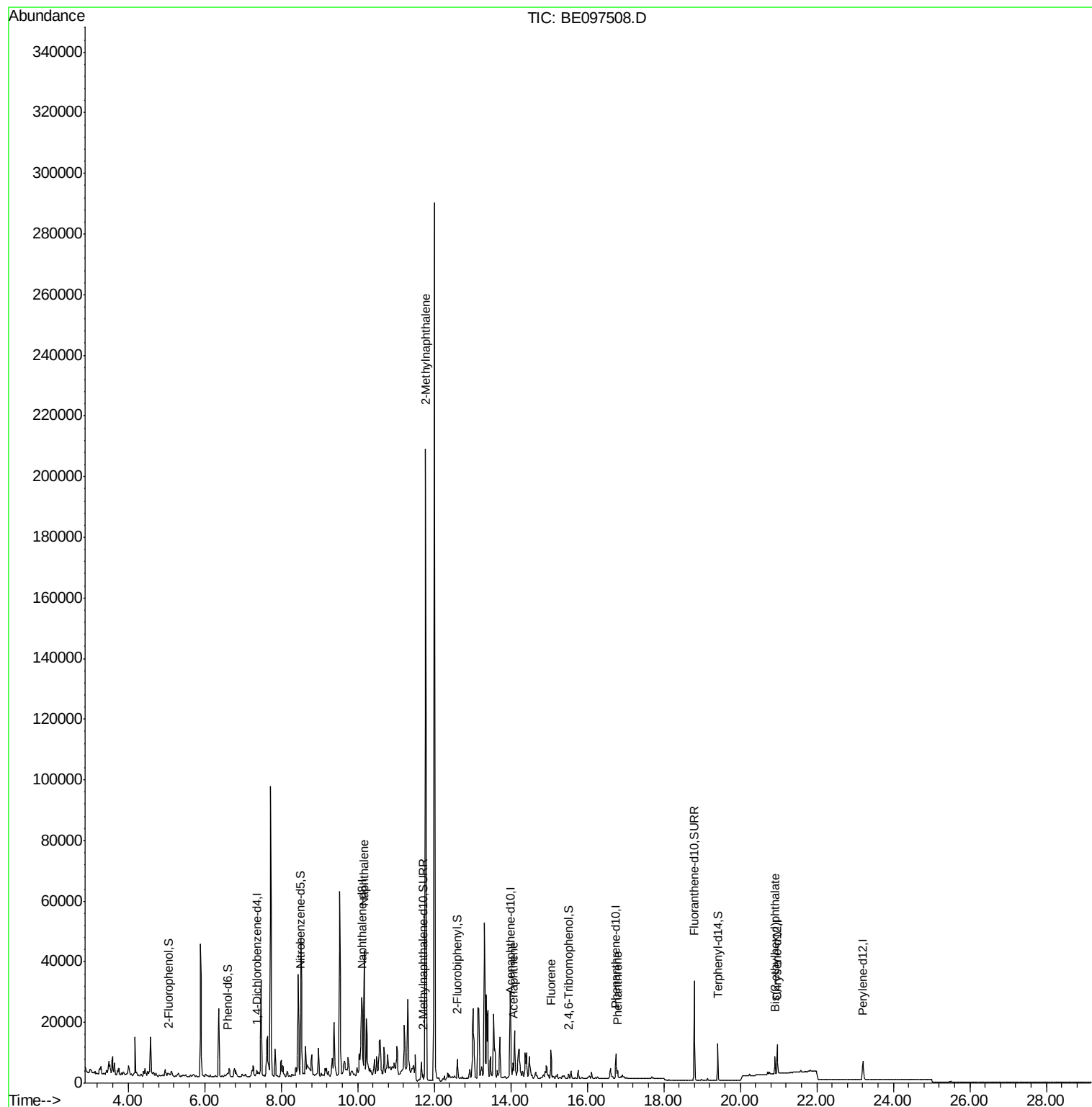
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.17	128	53268	1.155	ng	# 93
12) 2-Methylnaphthalene	11.78	142	151837	20.580	ng	99
17) Acenaphthene	14.06	154	1839	0.131	ng	# 48
18) Fluorene	15.05	166	6554	0.367	ng	# 78
23) Phenanthrene	16.79	178	2444	0.129	ng	# 96
32) Bis(2-ethylhexyl)phthalate	20.91	149	6340	0.124	ng	# 99

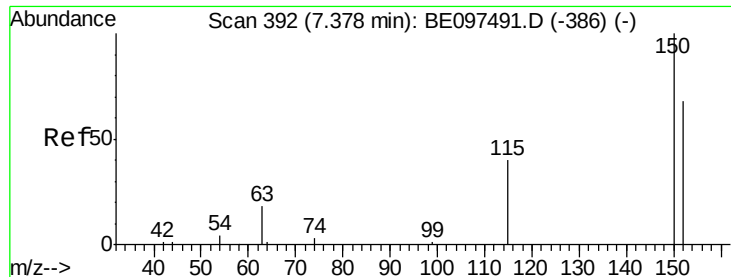
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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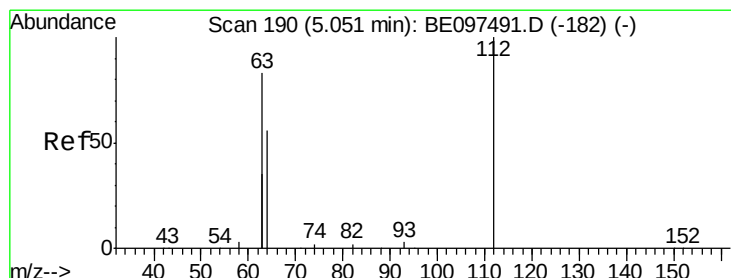
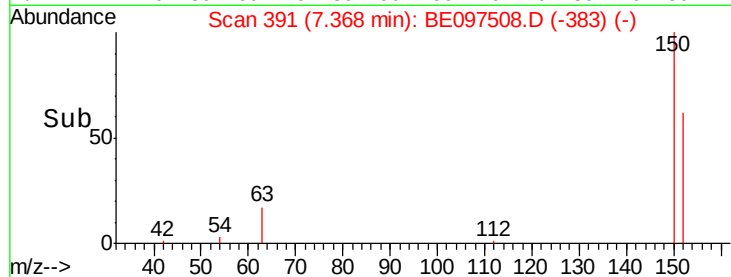
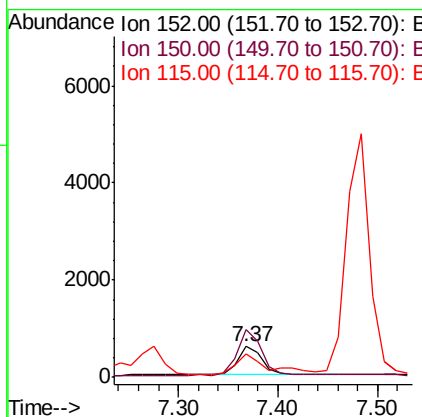
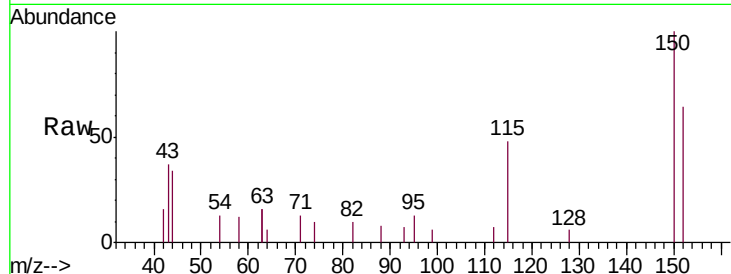




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.37 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BE097508.D
 Acq: 17 Sep 2018 22:42

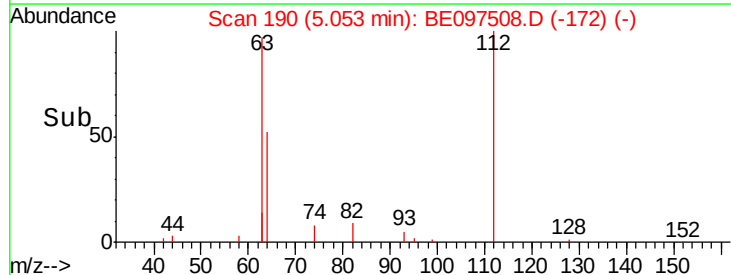
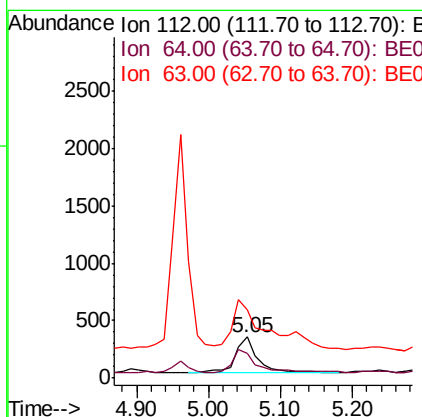
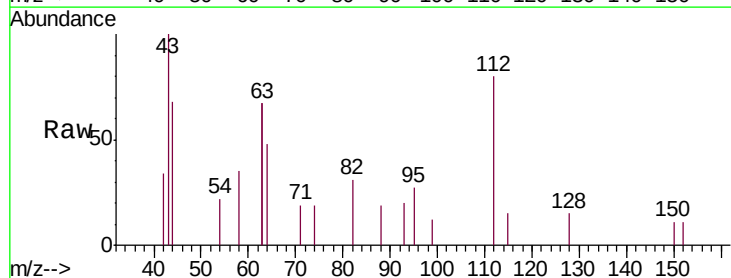
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-091218

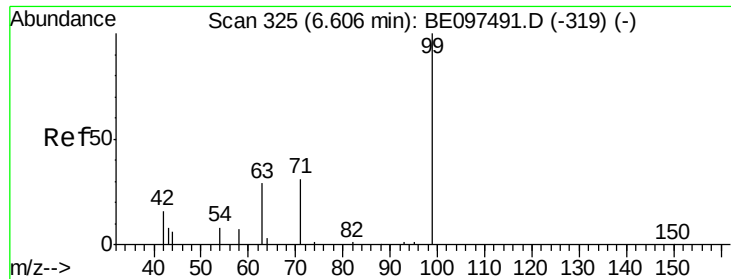
Tgt Ion:152 Resp: 996
 Ion Ratio Lower Upper
 152 100
 150 156.0 117.2 175.8
 115 74.6 57.0 85.6



#4
 2-Fluorophenol
 Concen: 0.198 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097508.D
 Acq: 17 Sep 2018 22:42

Tgt Ion:112 Resp: 668
 Ion Ratio Lower Upper
 112 100
 64 64.5 60.1 90.1
 63 208.5 116.8 175.2#





#5

Phenol-d6

Concen: 0.123 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

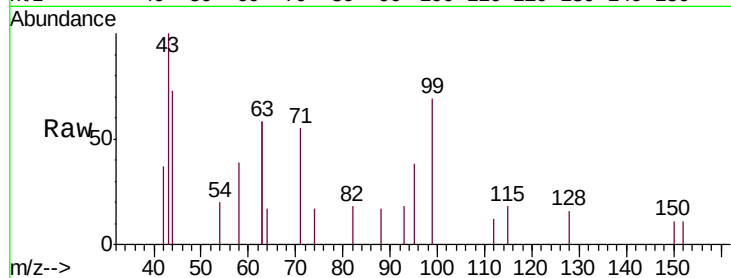
Tgt Ion: 99 Resp: 526

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

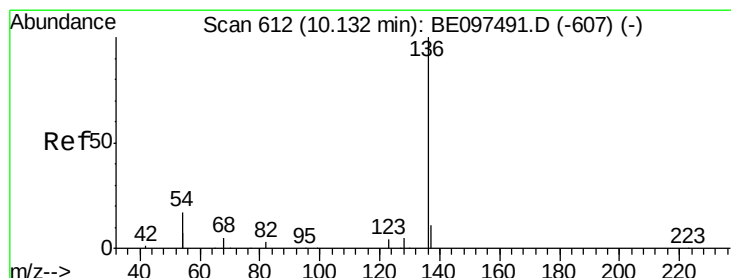
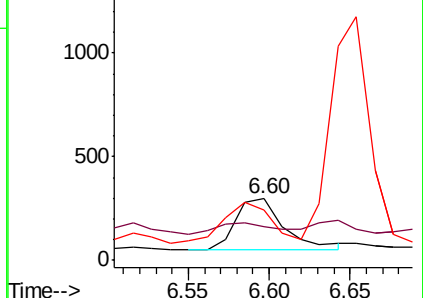
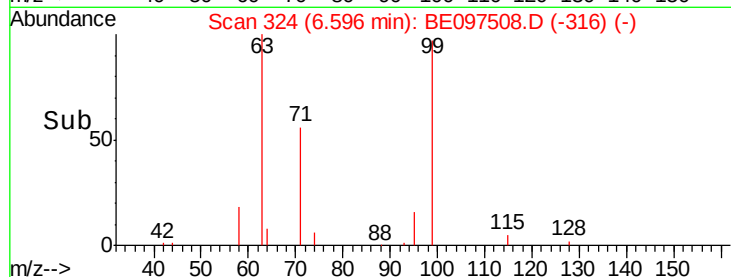
71 77.0 28.4 42.6#



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: BE097508.D

Acq: 17 Sep 2018 22:42

Tgt Ion: 136 Resp: 5081

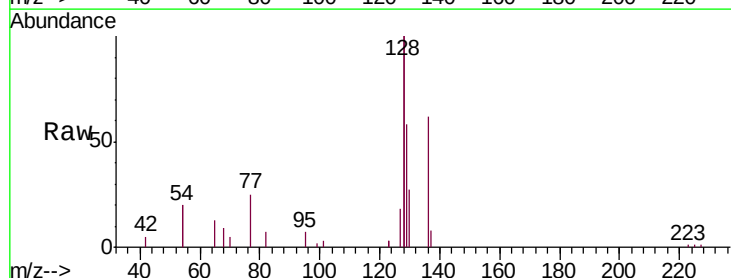
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 63.1 29.1 43.7#

68 13.9 6.2 9.2#

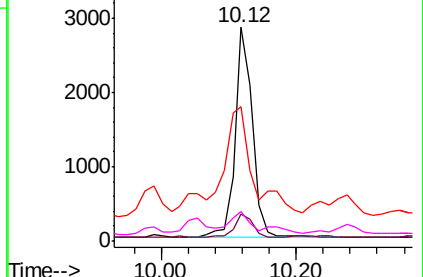
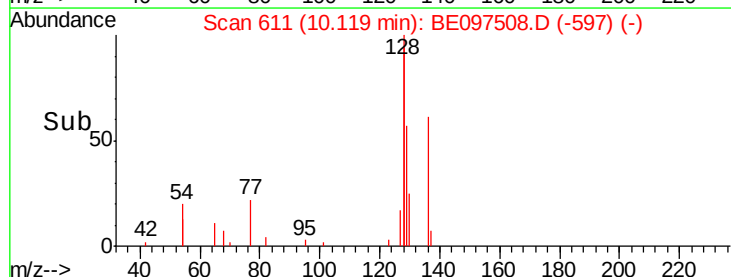


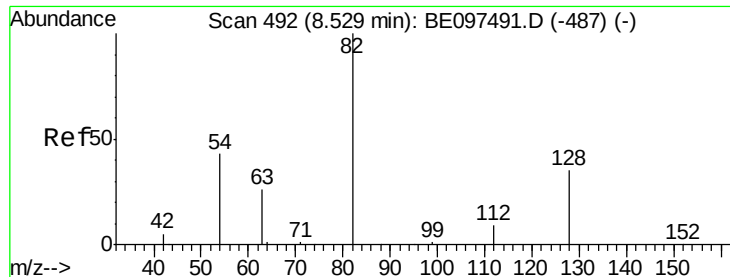
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.51 min Scan# 490

Delta R.T. -0.02 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

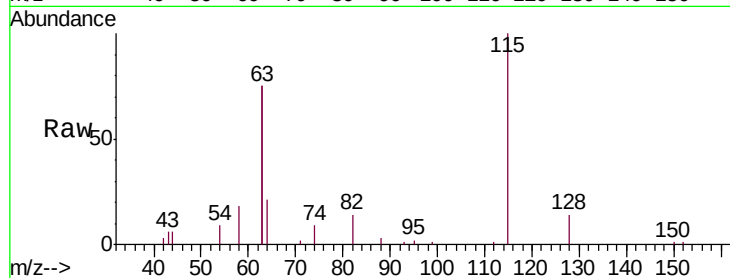
Tgt Ion: 82 Resp: 1640

Ion Ratio Lower Upper

82 100

128 104.8 24.0 36.0#

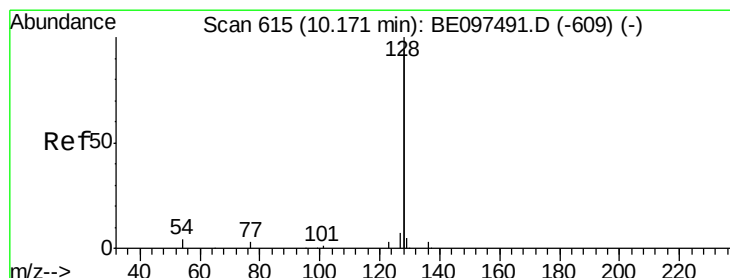
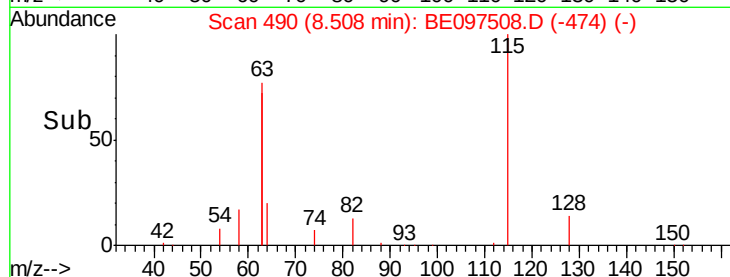
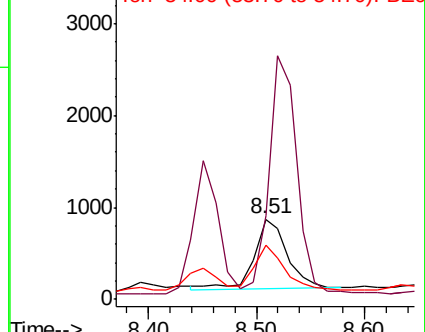
54 67.8 40.0 60.0#



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: 1.155 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

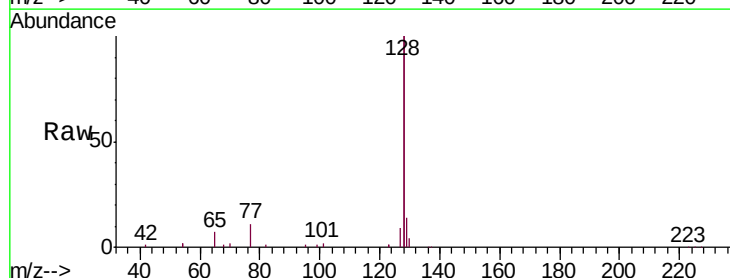
Tgt Ion: 128 Resp: 53268

Ion Ratio Lower Upper

128 100

129 7.0 2.6 3.8#

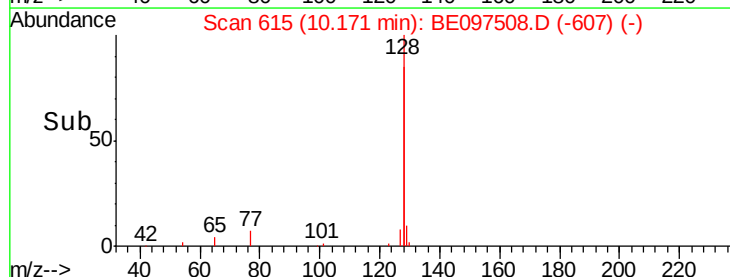
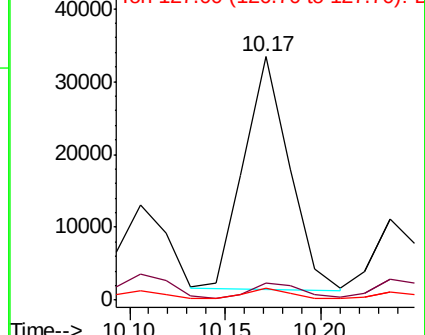
127 4.7 2.8 4.2#

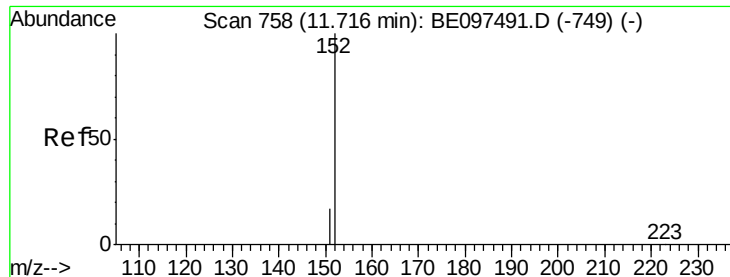


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.451 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

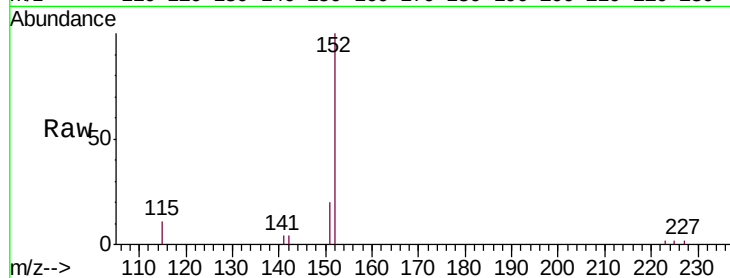
PR-MW-03-091218

Tgt Ion:152 Resp: 3276

Ion Ratio Lower Upper

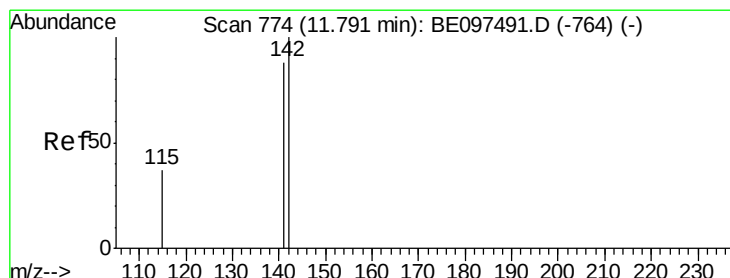
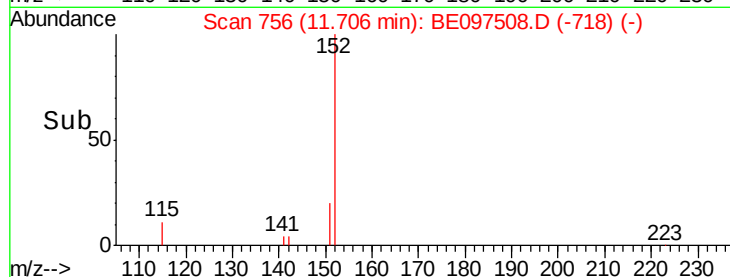
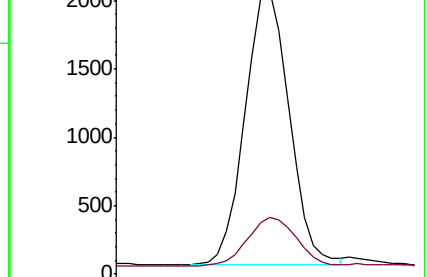
152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 20.580 ng

RT: 11.78 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

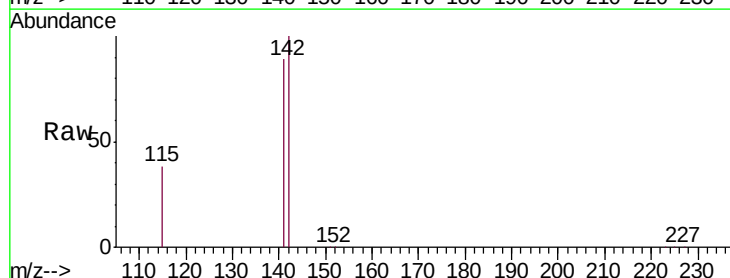
Tgt Ion:142 Resp: 151837

Ion Ratio Lower Upper

142 100

141 89.0 70.4 105.6

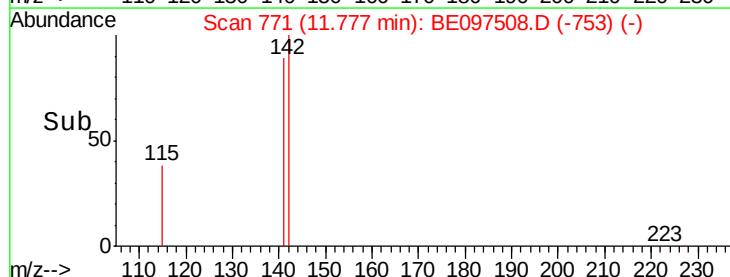
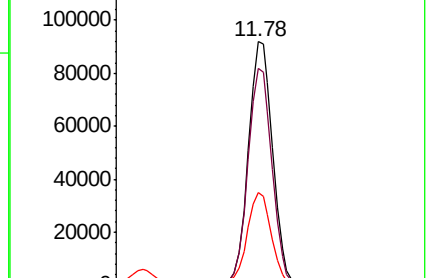
115 38.1 31.7 47.5

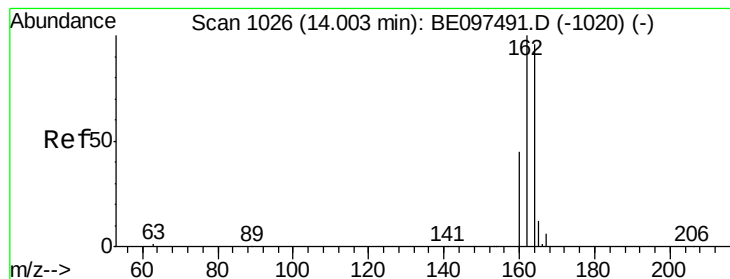


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

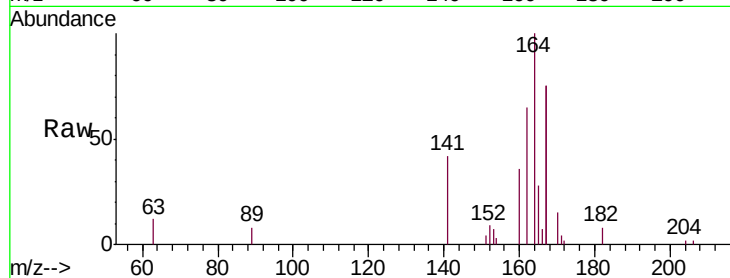
Tgt Ion:164 Resp: 5216

Ion Ratio Lower Upper

164 100

162 64.5 83.1 124.7#

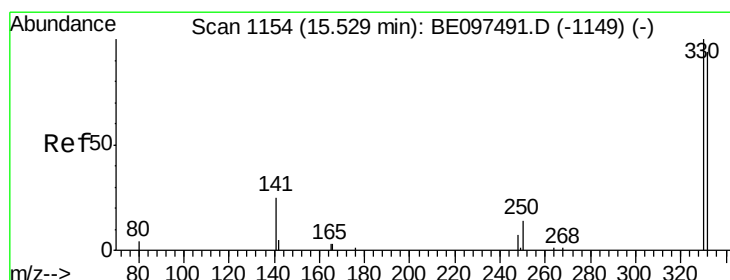
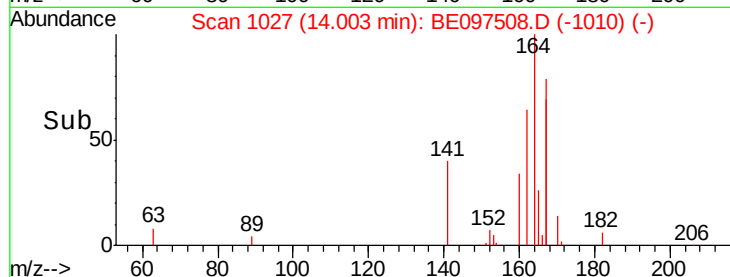
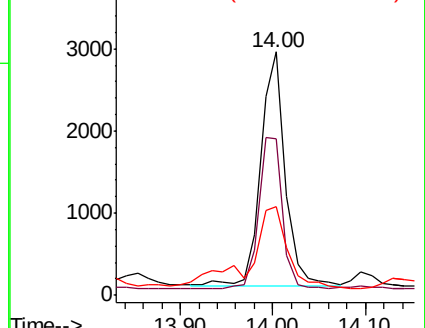
160 36.4 37.1 55.7#



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: 0.277 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

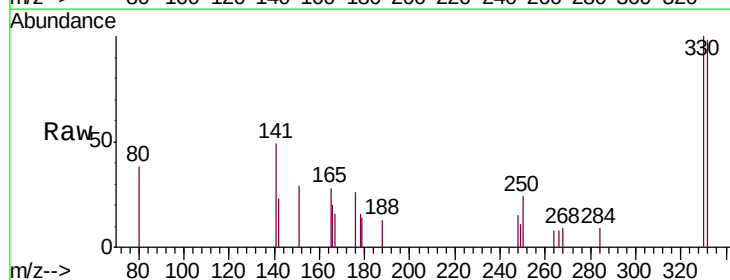
Tgt Ion:330 Resp: 764

Ion Ratio Lower Upper

330 100

332 97.9 152.7 229.1#

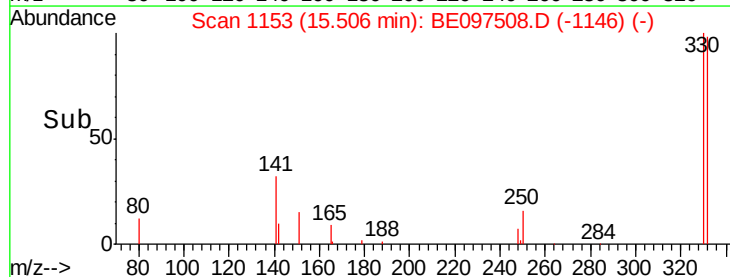
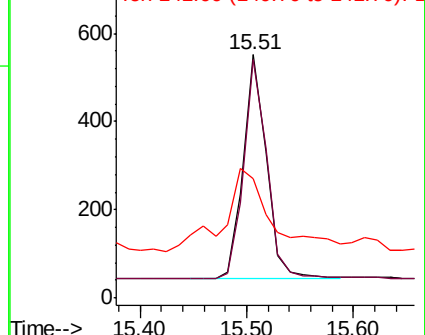
141 53.1 33.7 50.5#

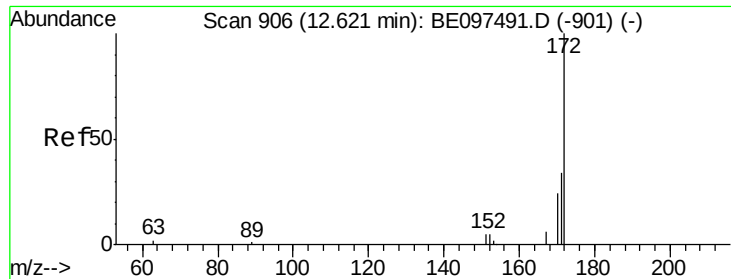


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

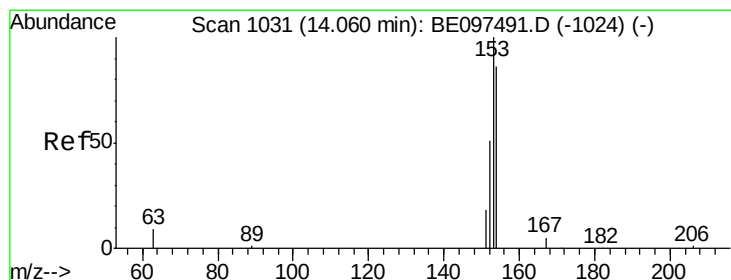
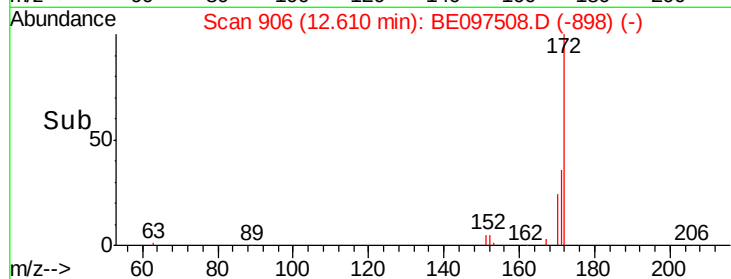
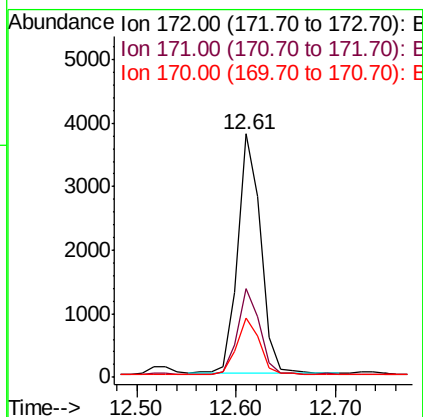
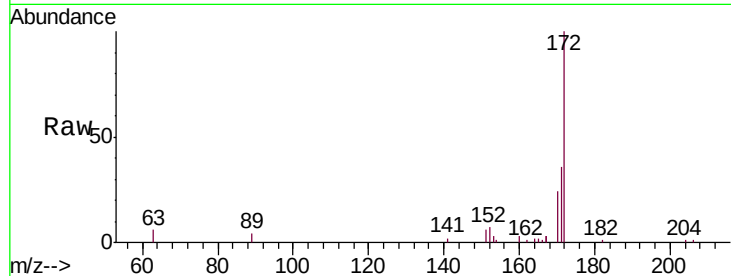




#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.61 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097508.D
Acq: 17 Sep 2018 22:42

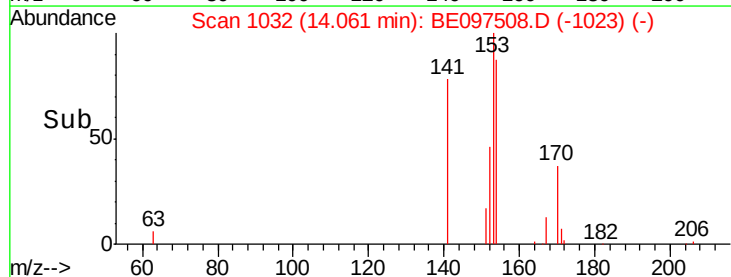
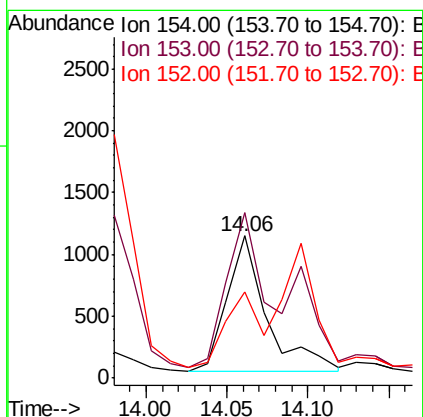
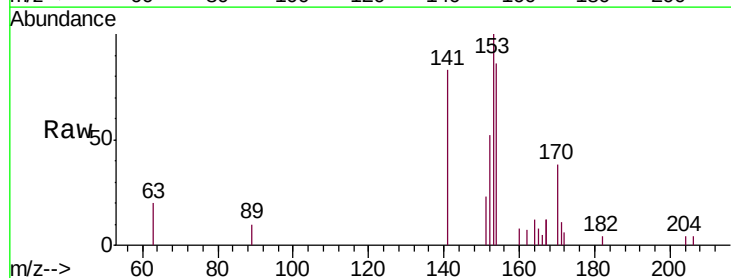
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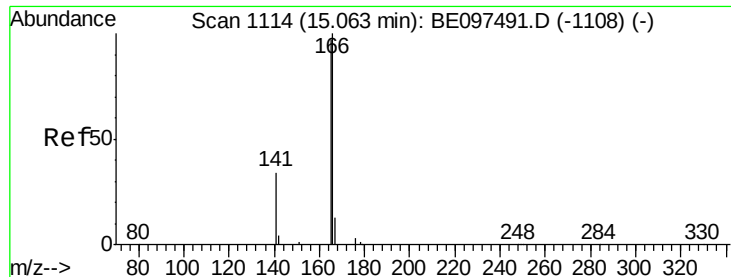
Tgt Ion:172 Resp: 6028
Ion Ratio Lower Upper
172 100
171 36.2 29.9 44.9
170 24.2 21.8 32.8



#17
Acenaphthene
Concen: 0.131 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097508.D
Acq: 17 Sep 2018 22:42

Tgt Ion:154 Resp: 1839
Ion Ratio Lower Upper
154 100
153 156.3 89.2 133.8#
152 0.0 42.0 63.0#

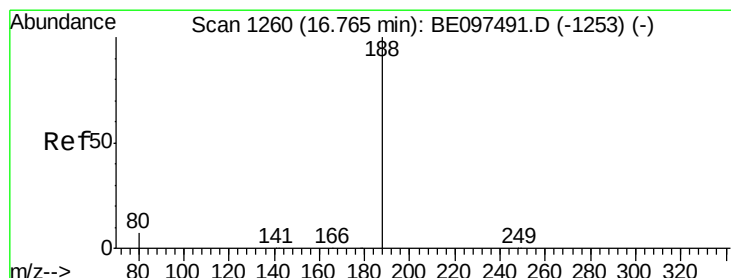
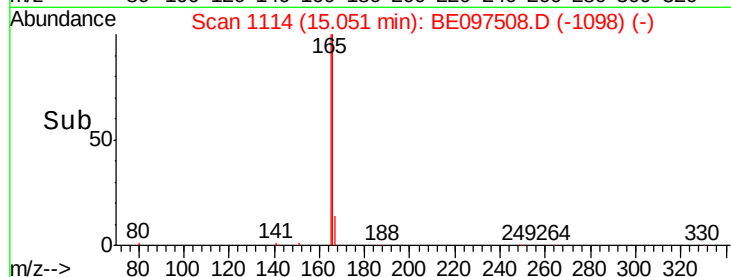
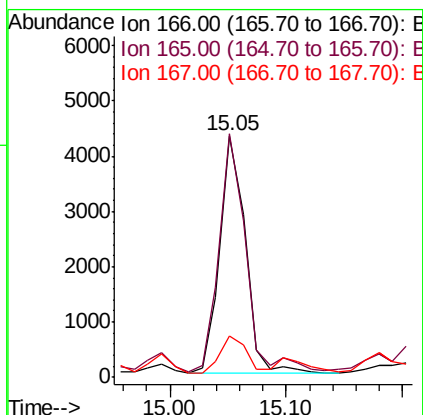
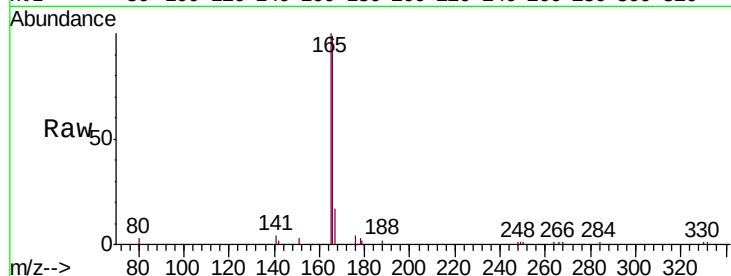




#18
 Fluorene
 Concen: 0.367 ng
 RT: 15.05 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BE097508.D
 Acq: 17 Sep 2018 22:42

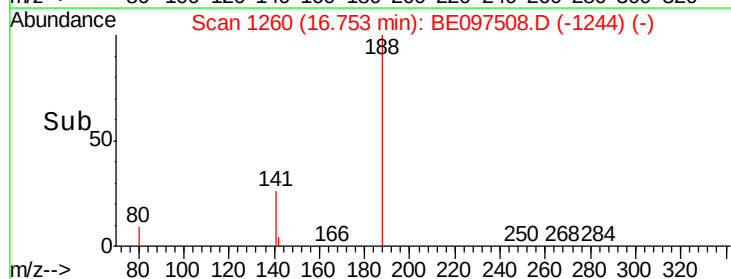
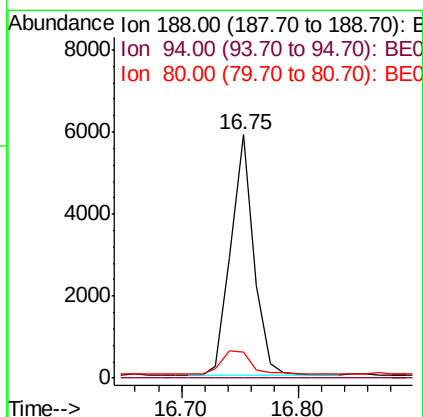
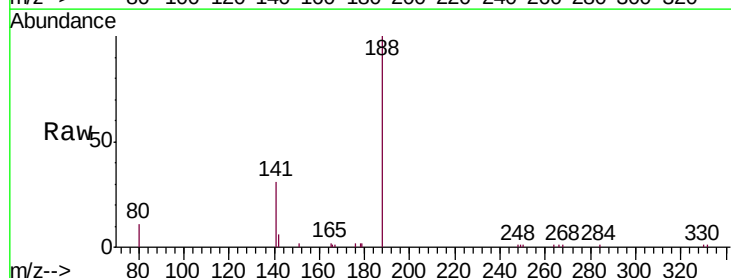
Instrument :
 BNA_E
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 PR-MW-03-091218

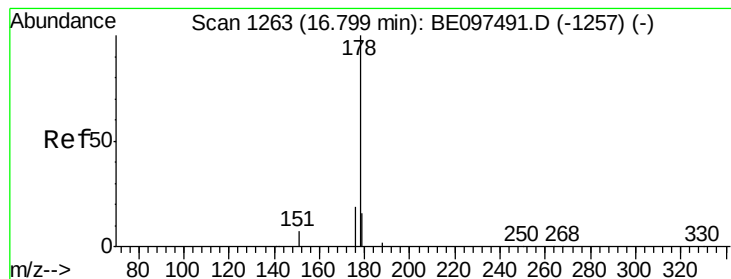
Tgt Ion:166 Resp: 6554
 Ion Ratio Lower Upper
 166 100
 165 102.9 77.8 116.6
 167 16.6 42.4 63.6#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BE097508.D
 Acq: 17 Sep 2018 22:42

Tgt Ion:188 Resp: 8085
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 10.7 3.6 5.4#





#23

Phenanthrene

Concen: 0.129 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

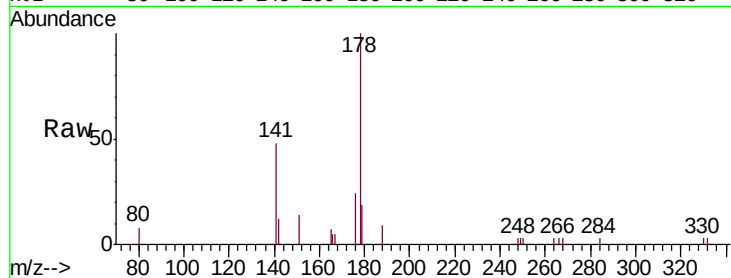
Tgt Ion:178 Resp: 2444

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

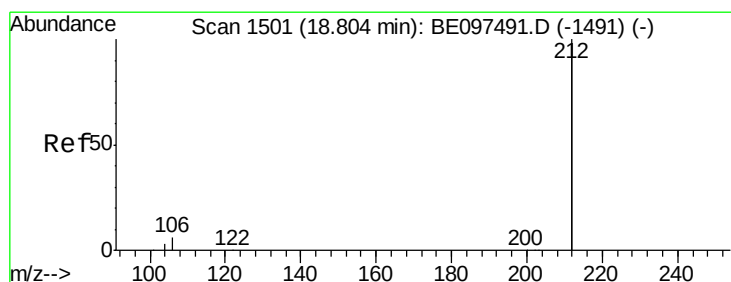
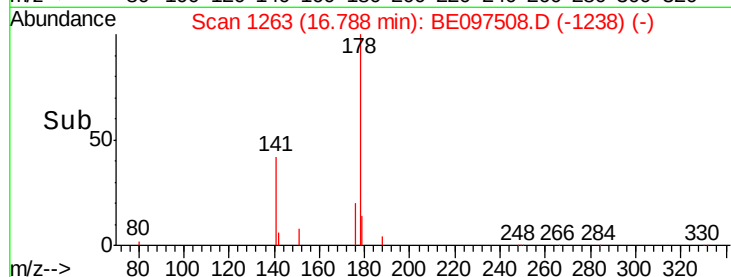
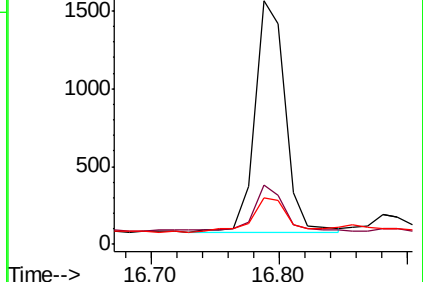
179 17.8 11.8 17.6#



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: 0.451 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

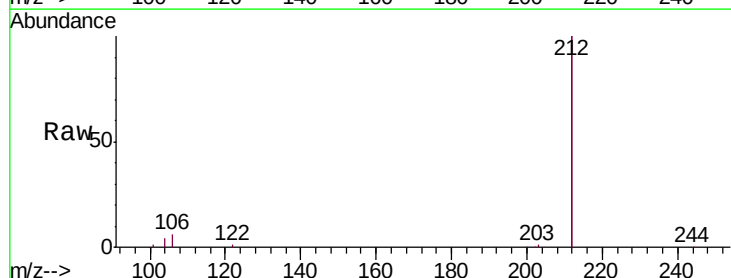
Tgt Ion:212 Resp: 43857

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

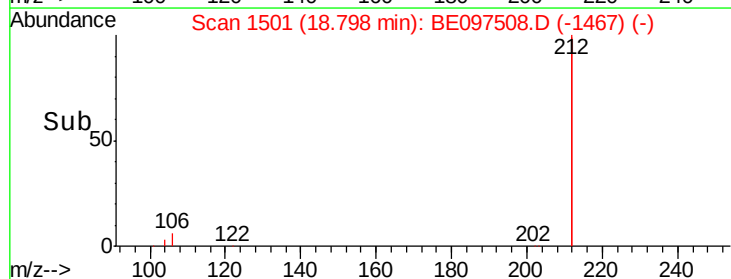
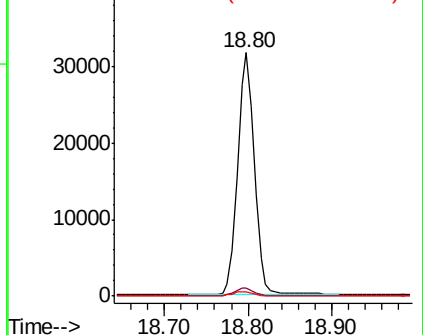
104 1.8 1.6 2.4

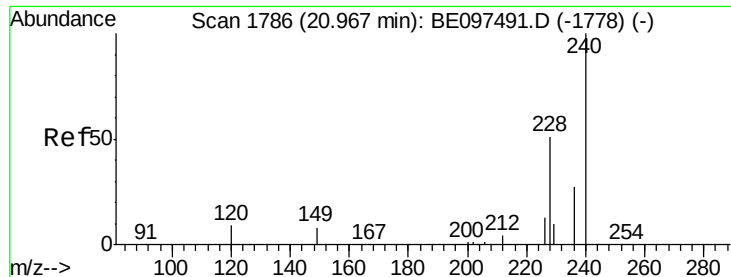


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1787

Delta R.T. 0.00 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-091218

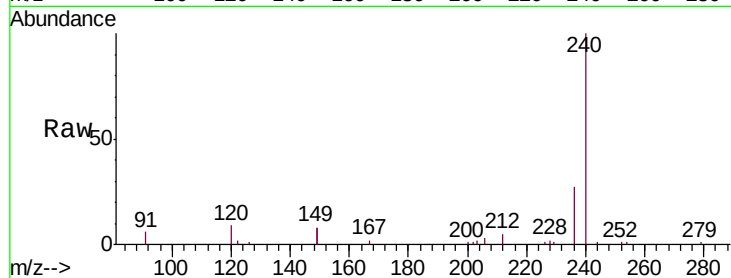
Tgt Ion:240 Resp: 9164

Ion Ratio Lower Upper

240 100

120 8.5 5.5 8.3#

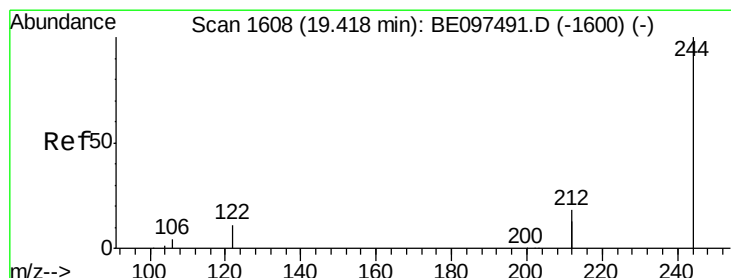
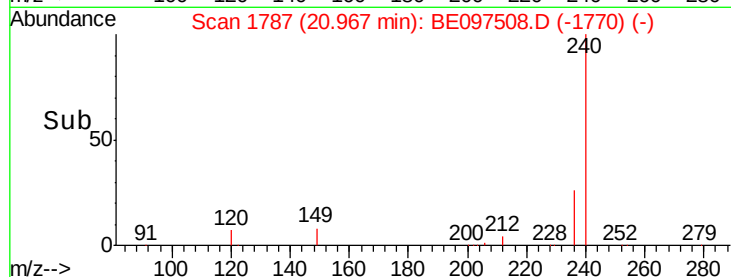
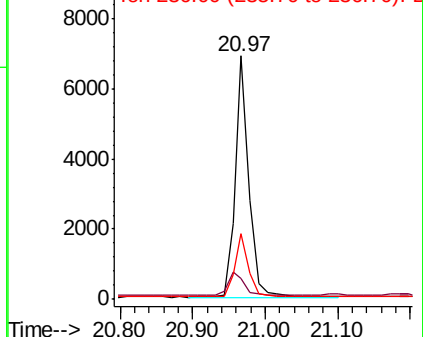
236 27.2 20.7 31.1



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: 0.607 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097508.D

Acq: 17 Sep 2018 22:42

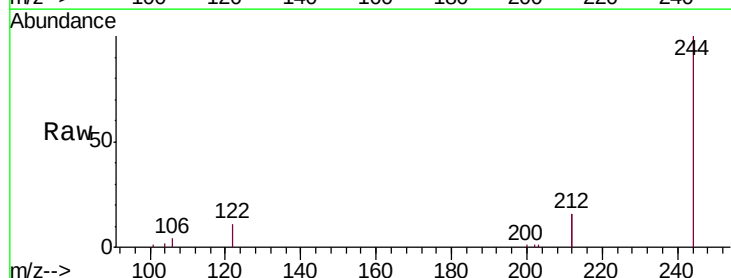
Tgt Ion:244 Resp: 10635

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

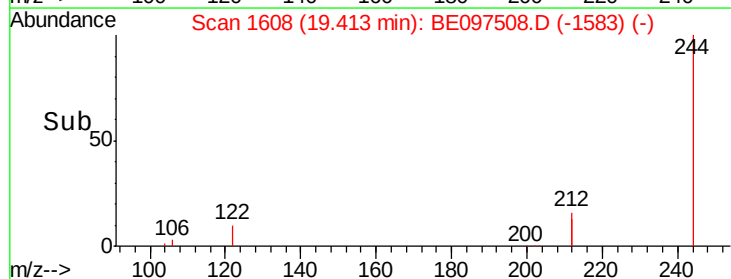
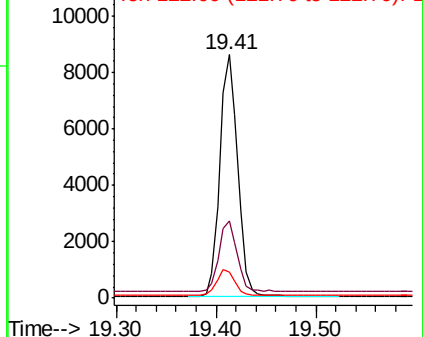
122 10.7 8.1 12.1

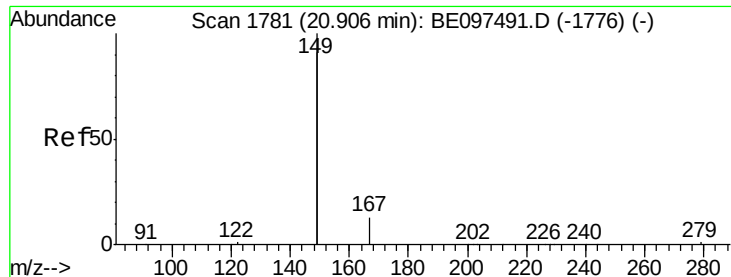


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

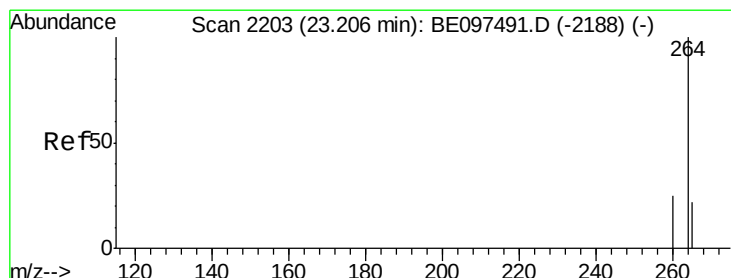
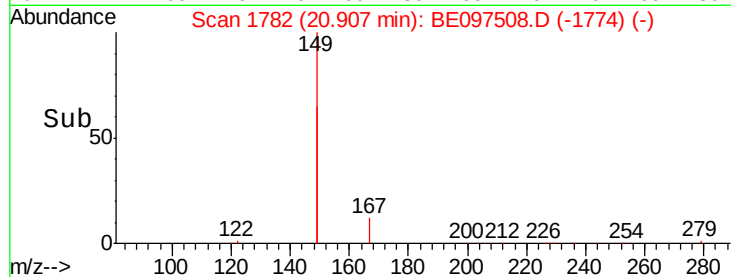
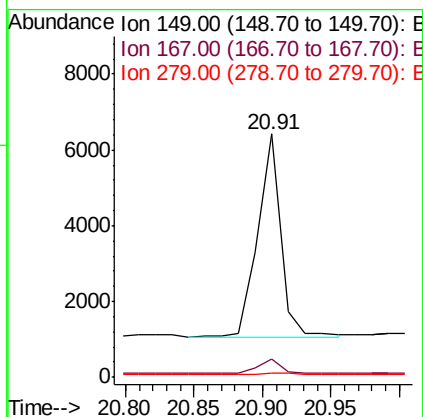
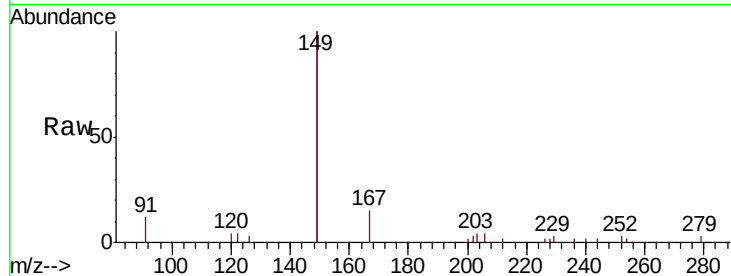




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 20.91 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097508.D
 Acq: 17 Sep 2018 22:42

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

Tgt Ion:149 Resp: 6340
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.1 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097508.D
 Acq: 17 Sep 2018 22:42

Tgt Ion:264 Resp: 9221
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 34.0 22.8 34.2

