

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
 Data File : BE097502.D
 Acq On : 17 Sep 2018 18:59
 Operator : SJ/JU
 Sample : J4892-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-091118

Quant Time: Sep 18 06:40:47 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

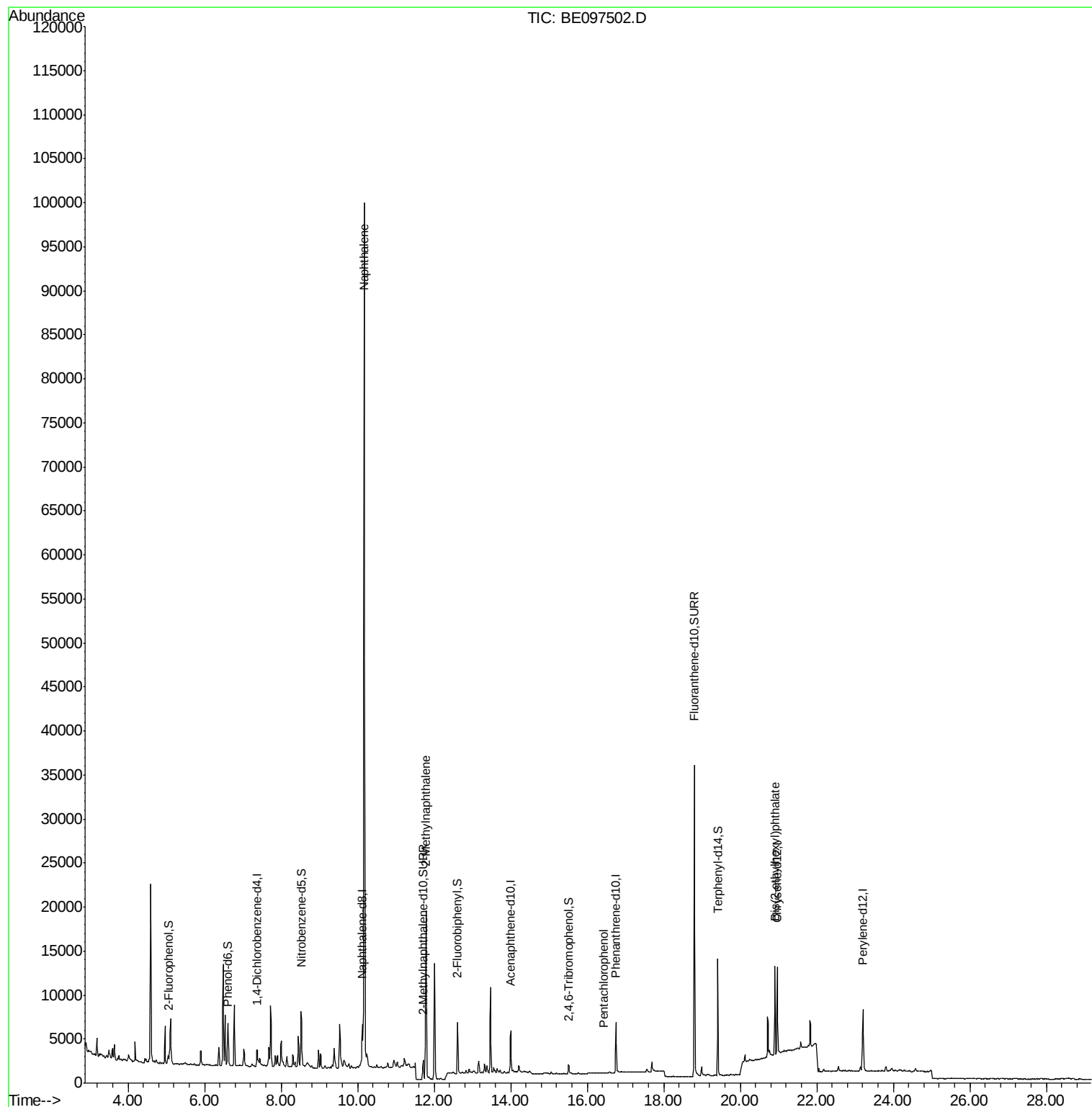
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	998	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4807	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2893	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7682	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9525	0.40	ng	0.00
34) Perylene-d12	23.20	264	9657	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	694	0.21	ng	0.00
5) Phenol-d6	6.60	99	549	0.13	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1722	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	3316	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	705	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.61	172	5826	0.58	ng	-0.01
25) Fluoranthene-d10	18.80	212	47640	0.52	ng	0.00
29) Terphenyl-d14	19.41	244	11309	0.62	ng	0.00
Target Compounds						
9) Naphthalene	10.17	128	151813	3.479	ng	99
12) 2-Methylnaphthalene	11.78	142	13854	1.985	ng	99
22) Pentachlorophenol	16.44	266	56	0.156	ng	97
32) Bis(2-ethylhexyl)phthalate	20.91	149	11187	0.210	ng	# 100

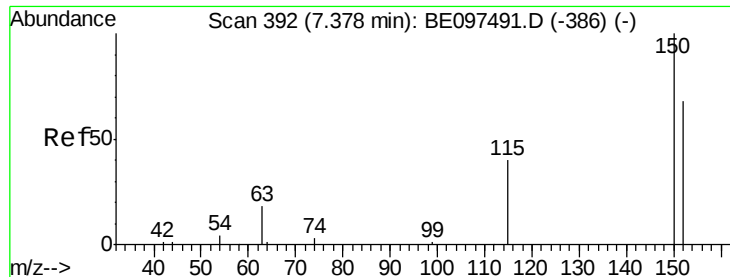
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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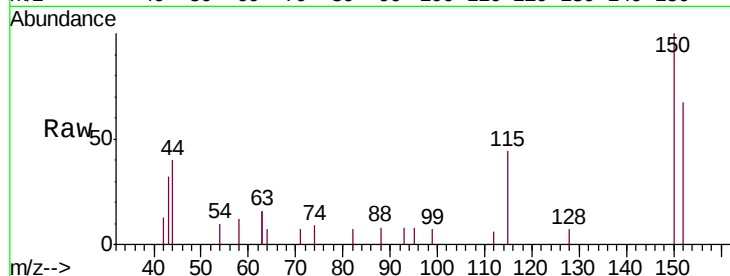


#1

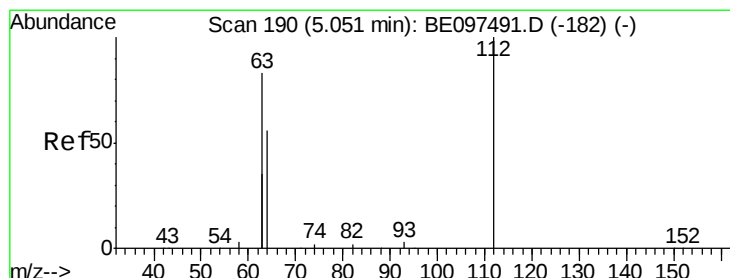
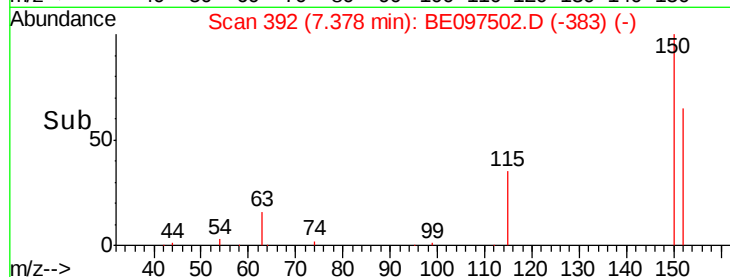
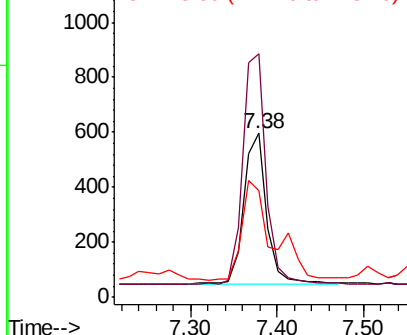
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tgt Ion:152 Resp: 998
Ion Ratio Lower Upper
152 100
150 148.4 117.2 175.8
115 65.2 57.0 85.6



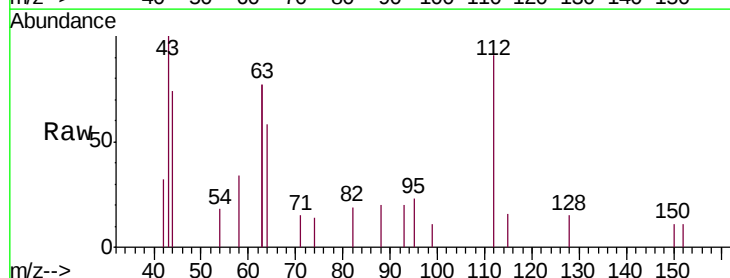
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



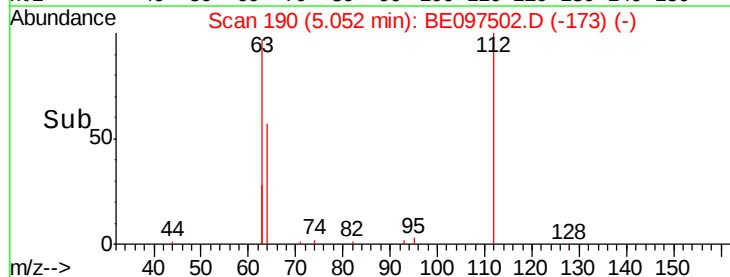
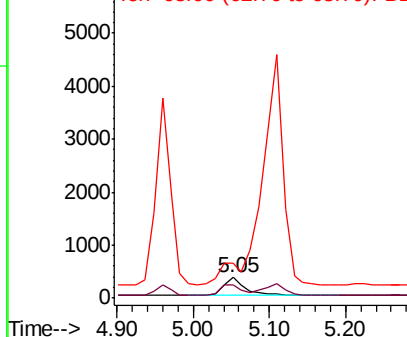
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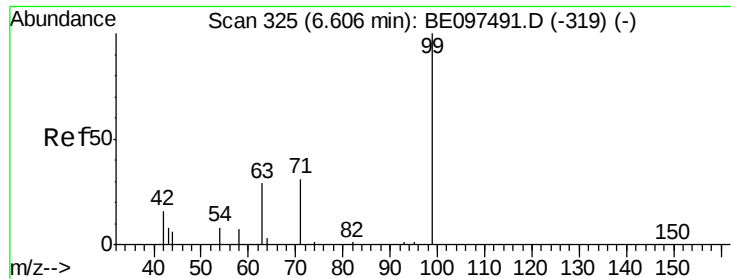
2-Fluorophenol
Concen: 0.205 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:112 Resp: 694
Ion Ratio Lower Upper
112 100
64 58.4 60.1 90.1#
63 0.0 116.8 175.2#



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: 0.128 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

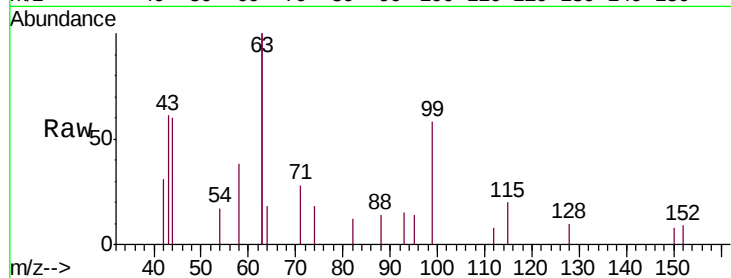
Tgt Ion: 99 Resp: 549

Ion Ratio Lower Upper

99 100

42 32.4 20.2 30.2#

71 41.0 28.4 42.6

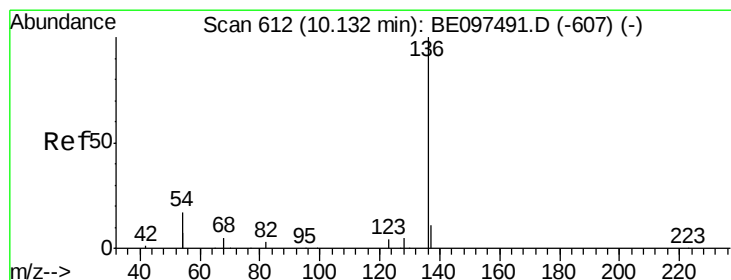
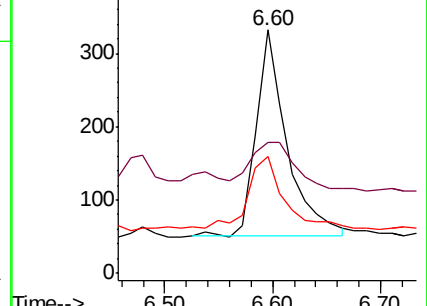
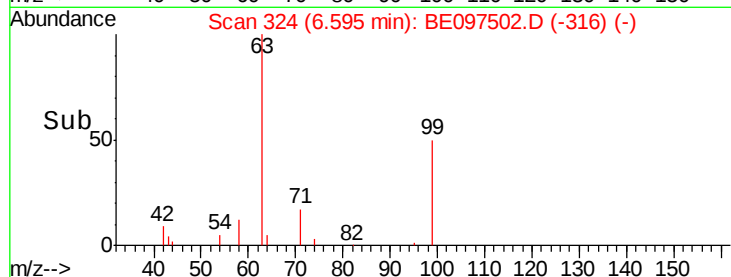


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Tgt Ion: 136 Resp: 4807

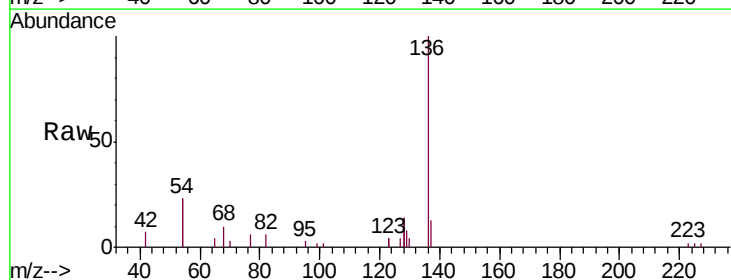
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 46.4 29.1 43.7#

68 10.3 6.2 9.2#



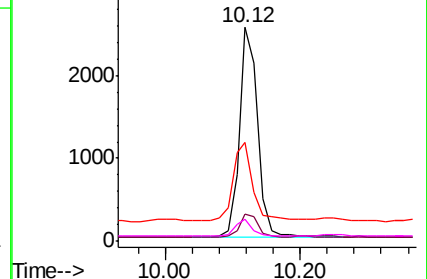
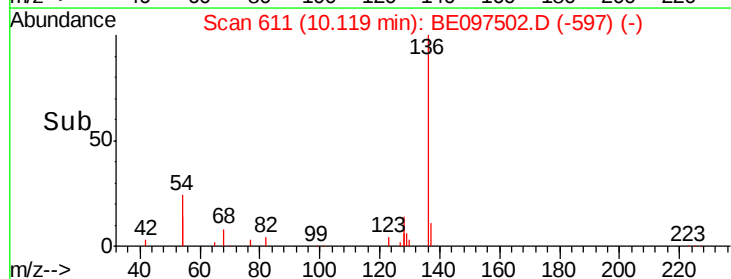
Abundance Ion 136.00 (135.70 to 136.70): E

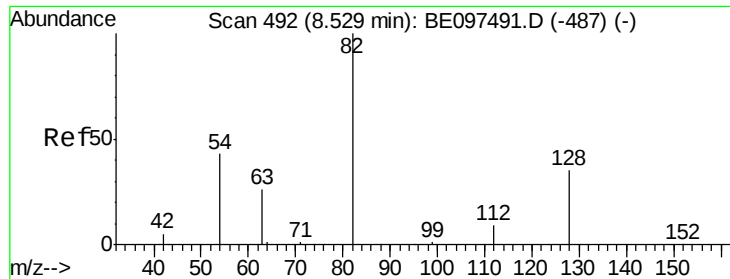
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->

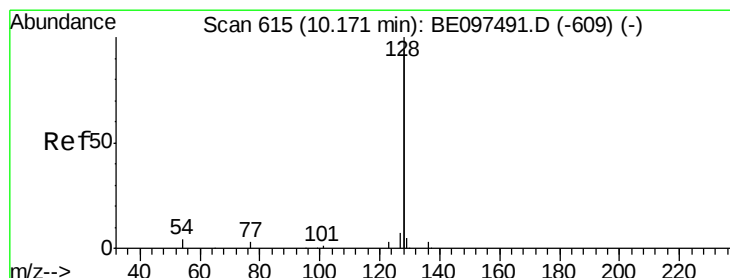
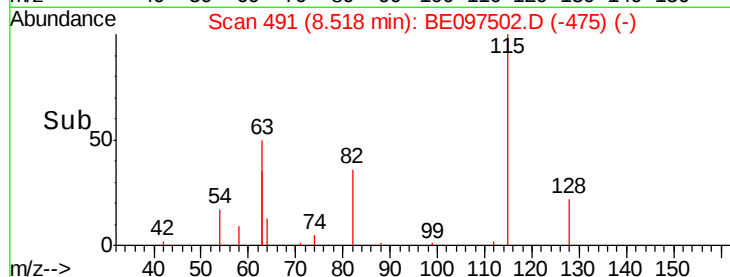
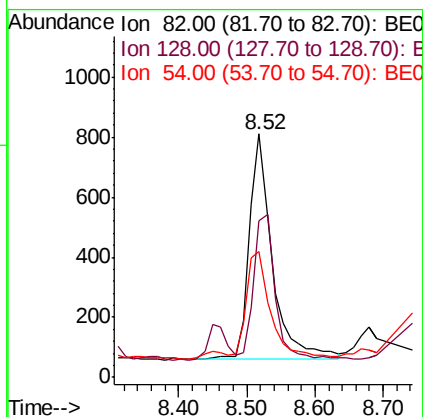
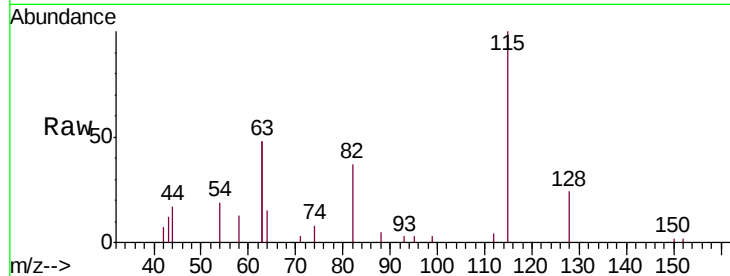




#8
 Nitrobenzene-d5
 Concen: 0.445 ng
 RT: 8.52 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

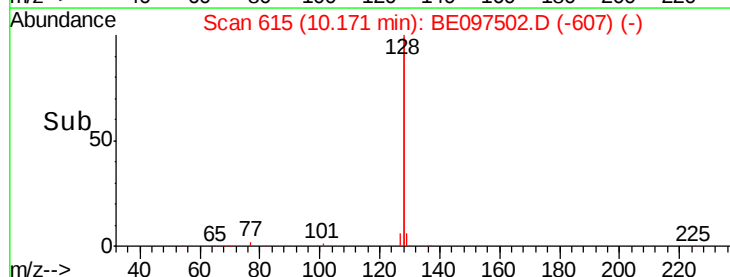
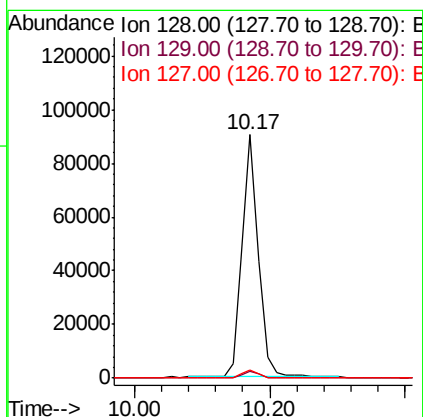
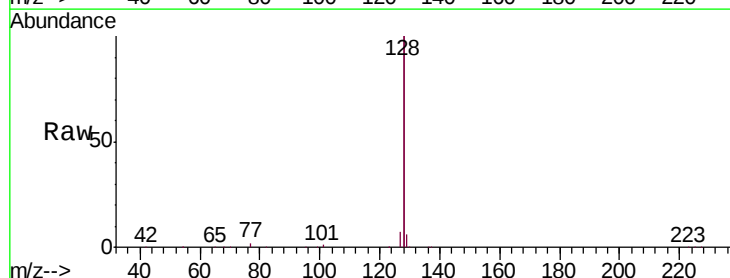
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-091118

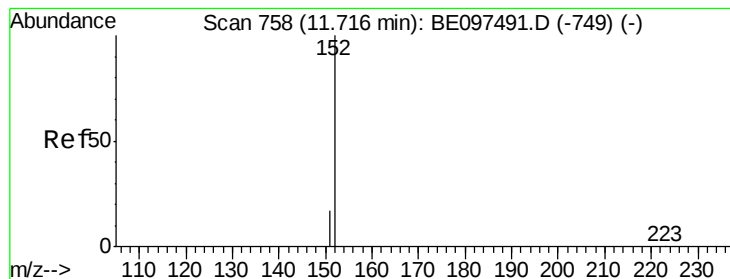
Tgt Ion: 82 Resp: 1722
 Ion Ratio Lower Upper
 82 100
 128 64.4 24.0 36.0#
 54 51.8 40.0 60.0



#9
 Naphthalene
 Concen: 3.479 ng
 RT: 10.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

Tgt Ion: 128 Resp: 151813
 Ion Ratio Lower Upper
 128 100
 129 3.0 2.6 3.8
 127 3.3 2.8 4.2





#11

2-Methylnaphthalene-d10

Concen: 0.483 ng

RT: 11.71 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

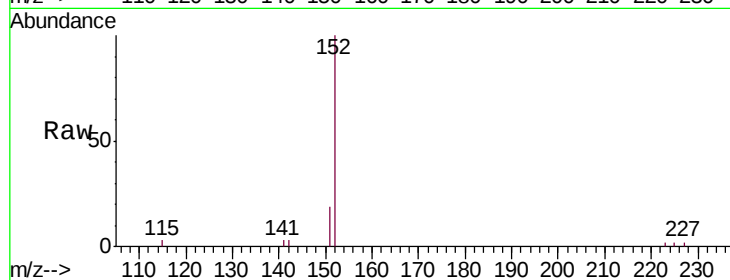
C-MW-07-091118

Tgt Ion:152 Resp: 3316

Ion Ratio Lower Upper

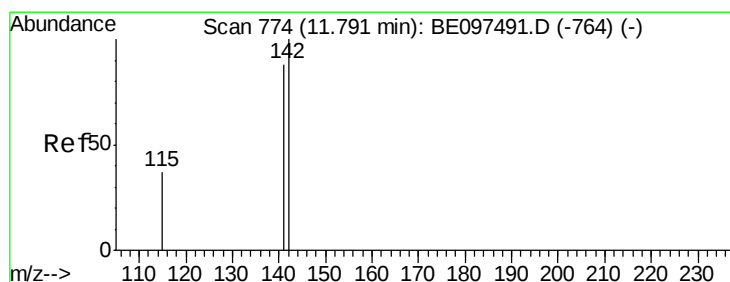
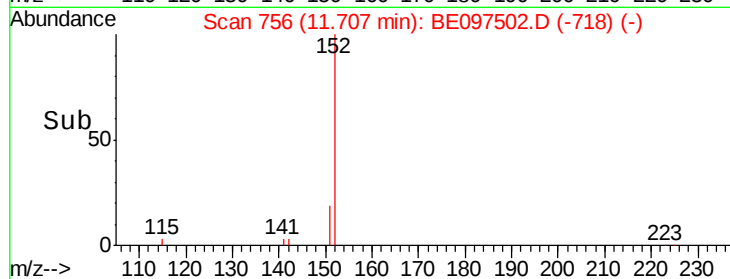
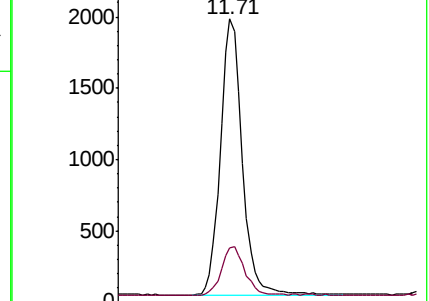
152 100

151 18.3 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: 1.985 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

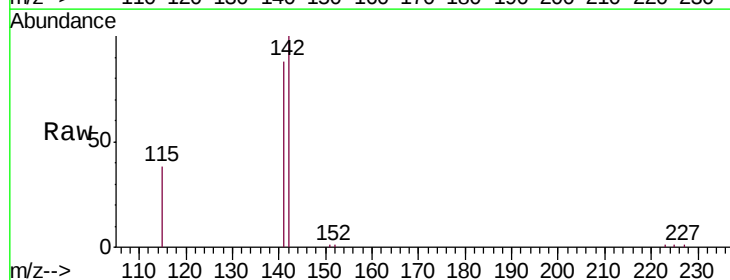
Tgt Ion:142 Resp: 13854

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

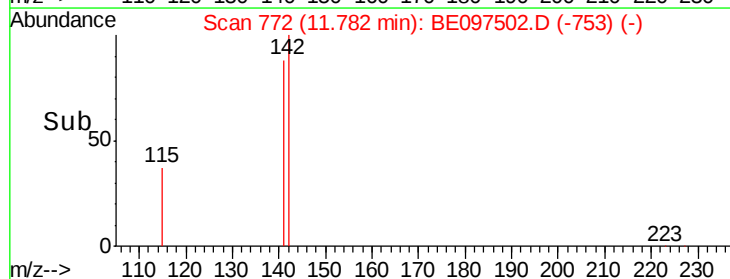
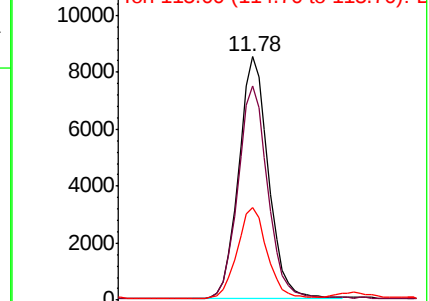
115 37.8 31.7 47.5

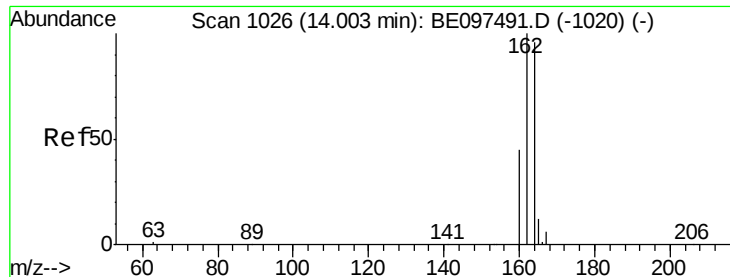


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1026

Delta R.T. 0.00 min

Lab File: BE097502.D

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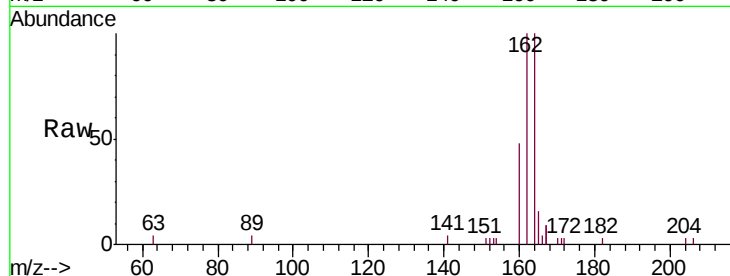
Tgt Ion:164 Resp: 2893

Ion Ratio Lower Upper

164 100

162 100.2 83.1 124.7

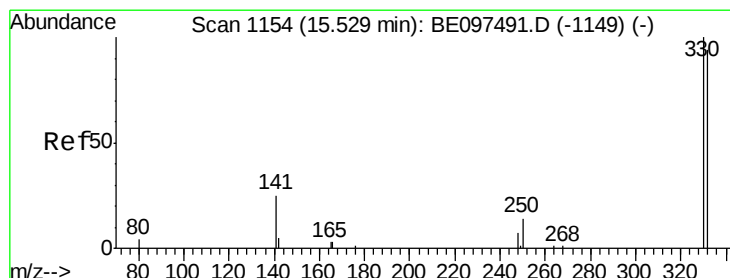
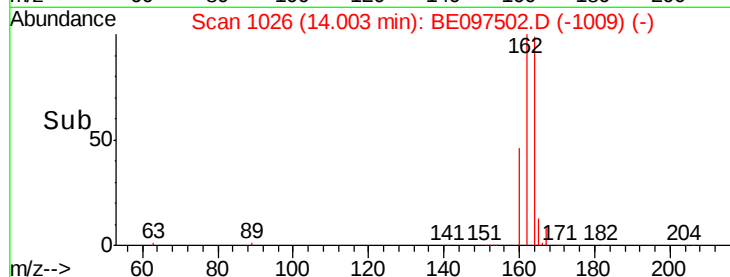
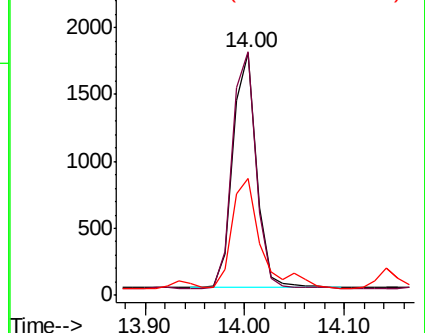
160 48.0 37.1 55.7



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: 0.461 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

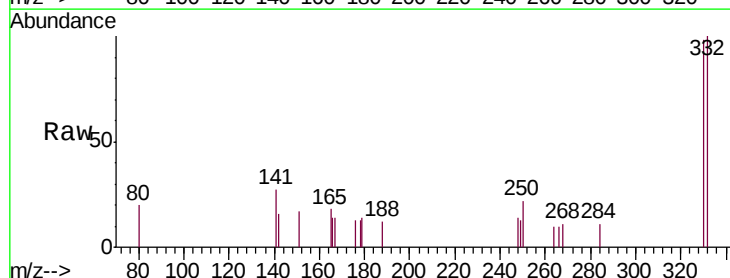
Tgt Ion:330 Resp: 705

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

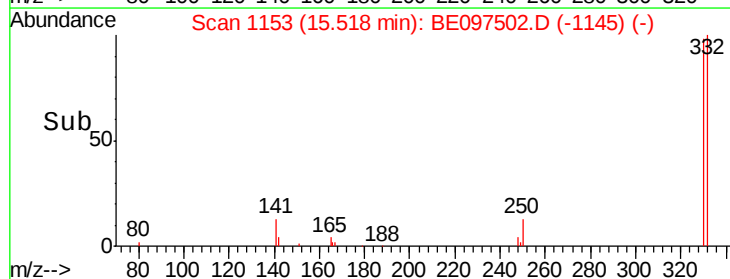
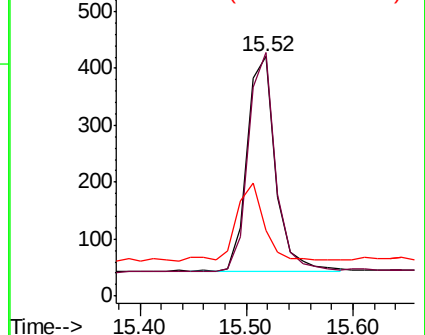
141 32.9 33.7 50.5#

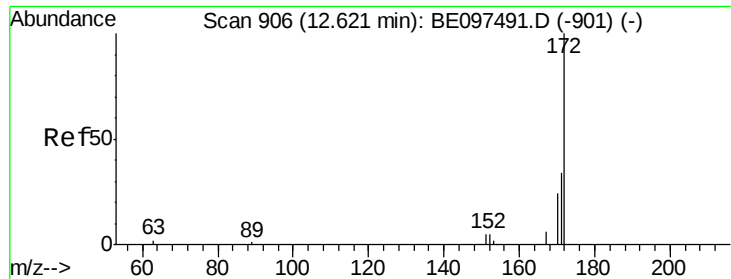


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

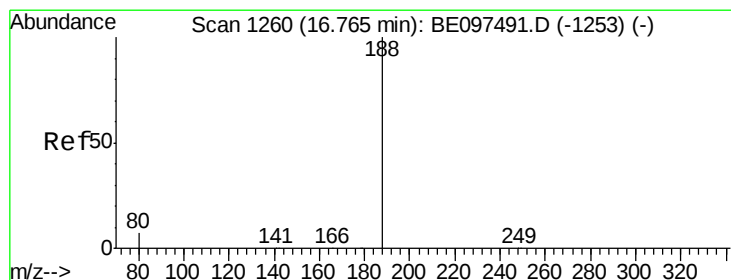
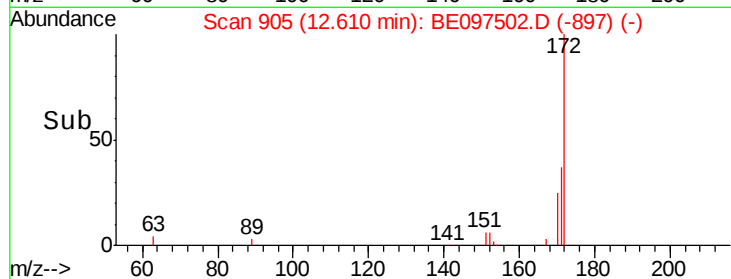
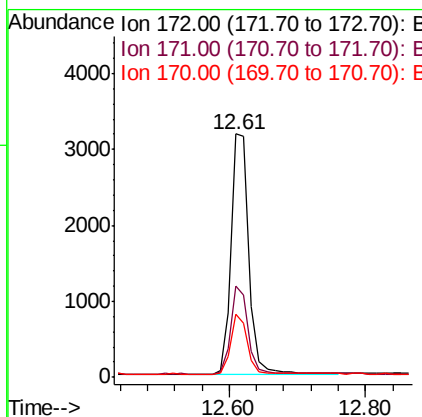
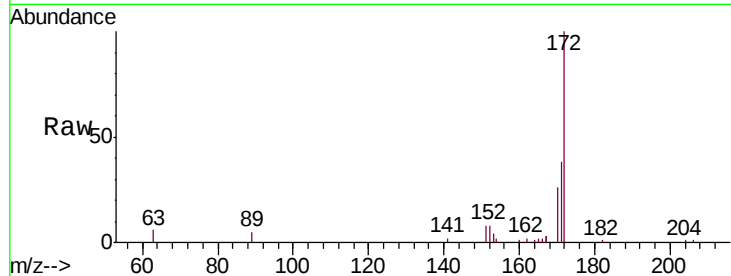




#15
2-Fluorobiphenyl
Concen: 0.577 ng
RT: 12.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

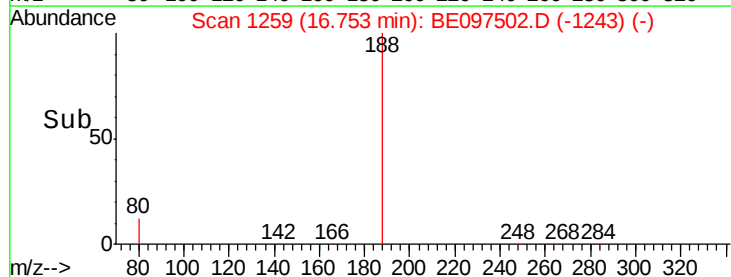
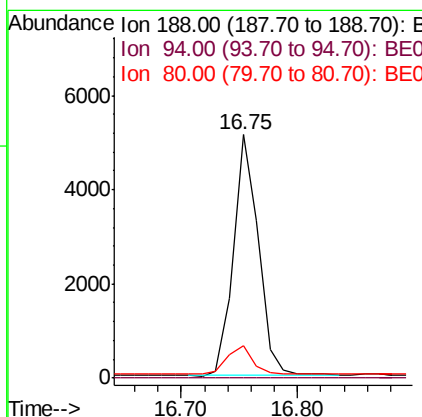
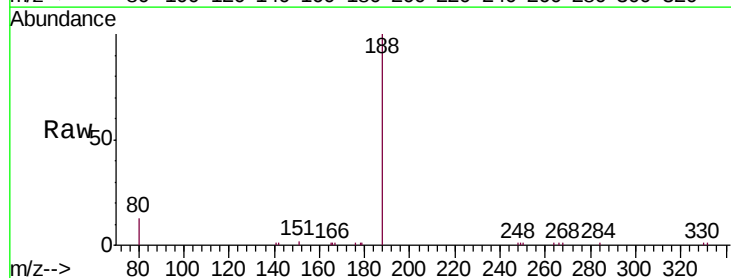
Instrument :
BNA_E
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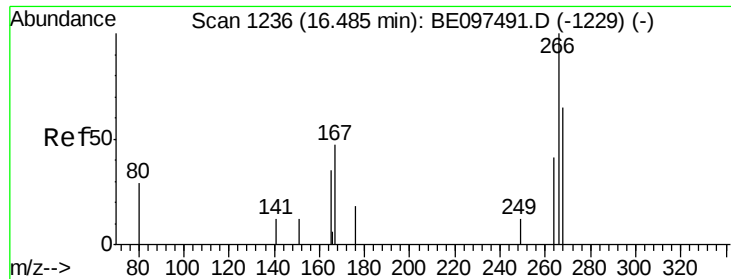
Tgt Ion:172 Resp: 5826
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 25.8 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:188 Resp: 7682
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.3 3.6 5.4#

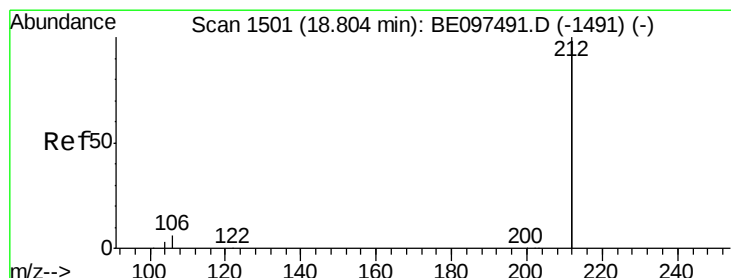
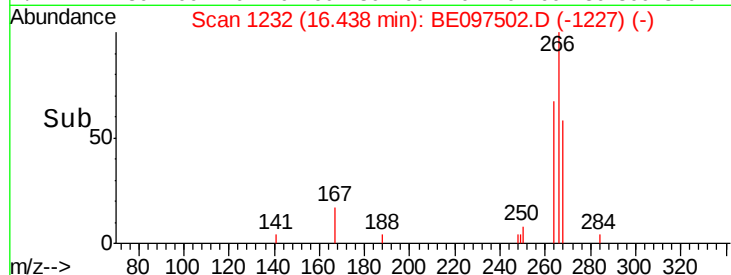
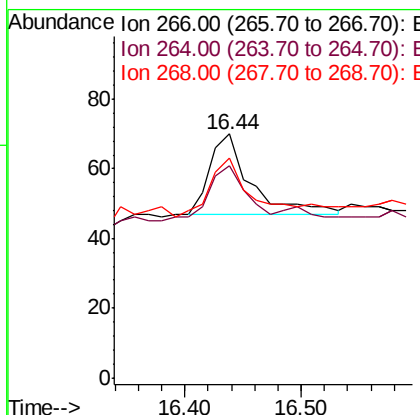
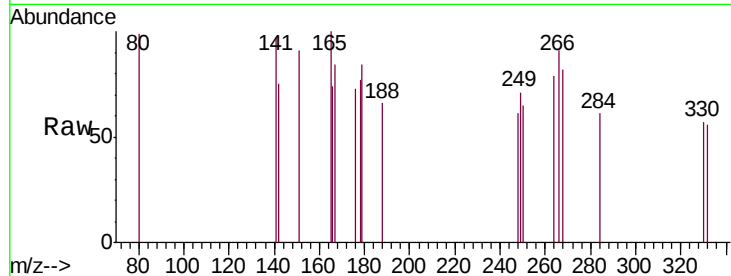




#22
 Pentachlorophenol
 Concen: 0.156 ng
 RT: 16.44 min Scan# 1232
 Delta R.T. -0.05 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

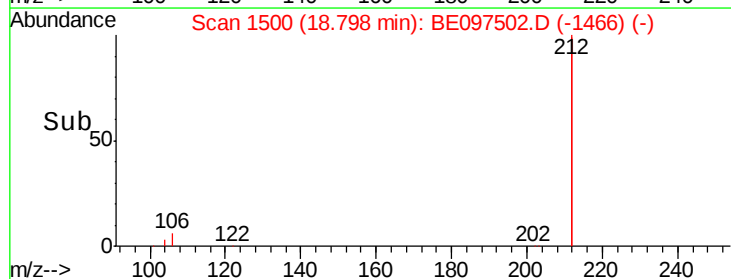
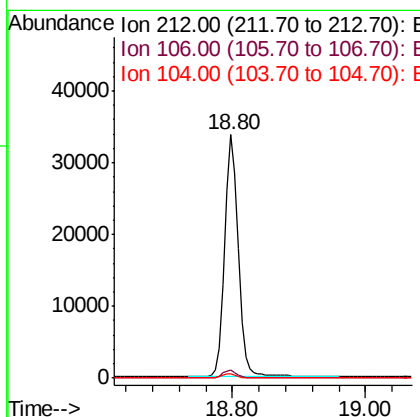
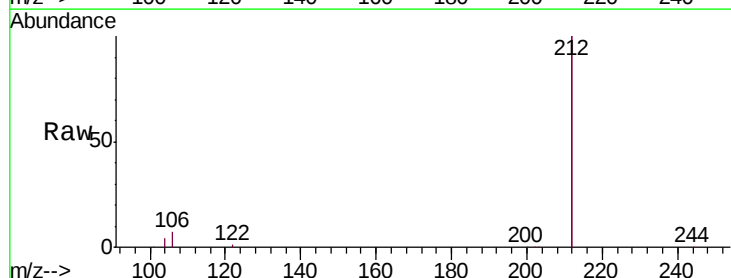
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-091118

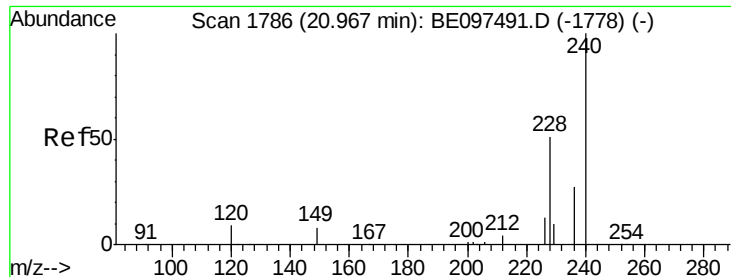
Tgt Ion:266 Resp: 56
 Ion Ratio Lower Upper
 266 100
 264 87.1 72.5 108.7
 268 90.0 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.516 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

Tgt Ion:212 Resp: 47640
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

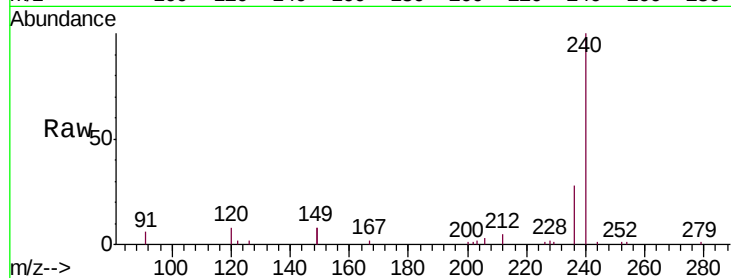
Tgt Ion:240 Resp: 9525

Ion Ratio Lower Upper

240 100

120 8.4 5.5 8.3#

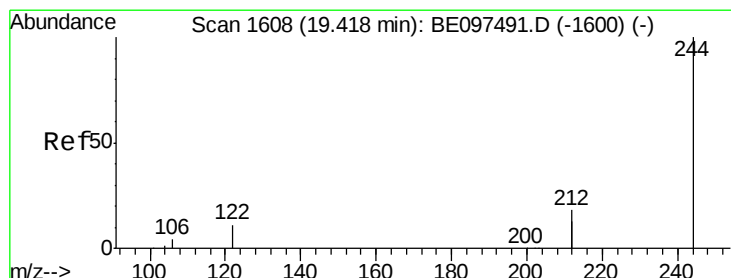
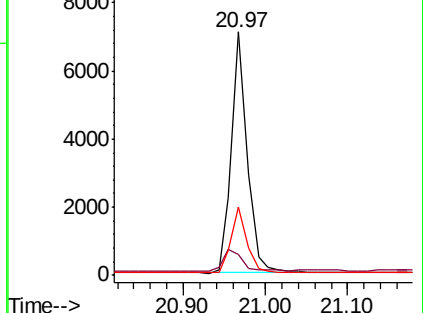
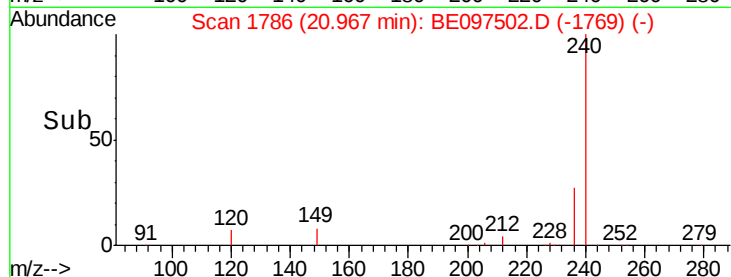
236 28.0 20.7 31.1



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: 0.621 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

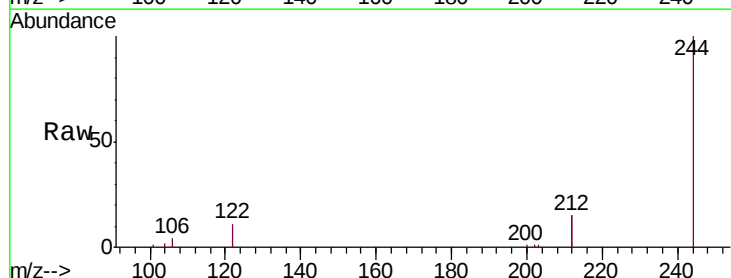
Tgt Ion:244 Resp: 11309

Ion Ratio Lower Upper

244 100

212 30.9 25.4 38.0

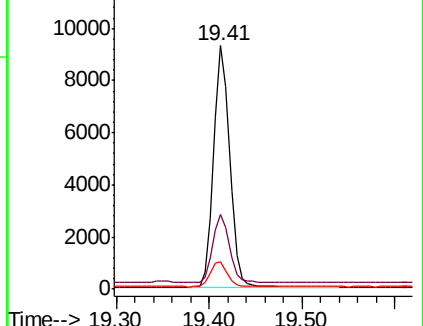
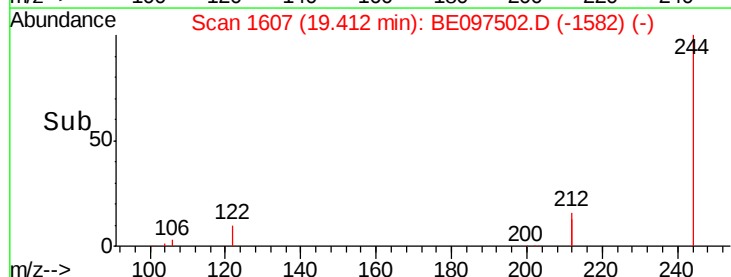
122 11.1 8.1 12.1

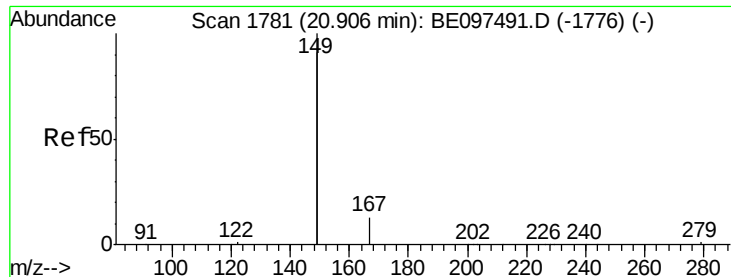


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

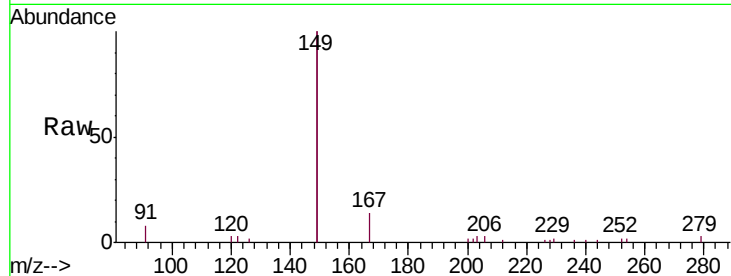




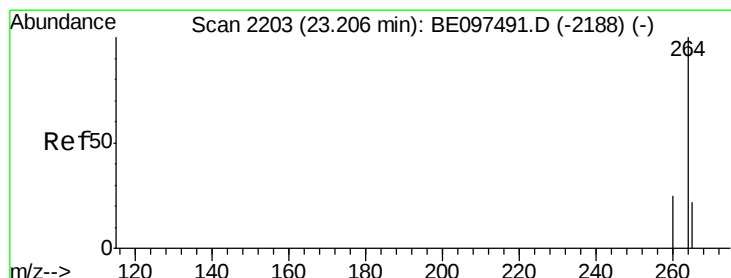
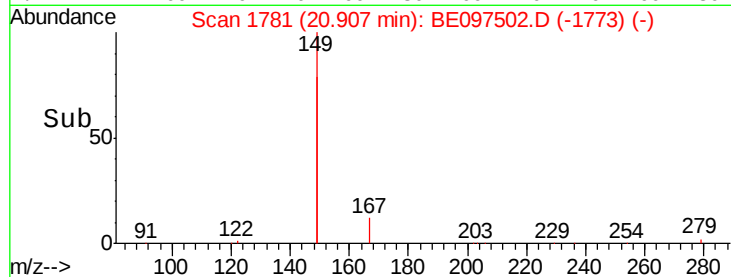
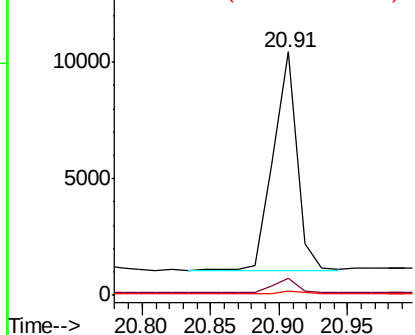
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.210 ng
 RT: 20.91 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-091118

Tgt Ion:149 Resp: 11187
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.4 8.0
 279 1.4 0.7 1.1#

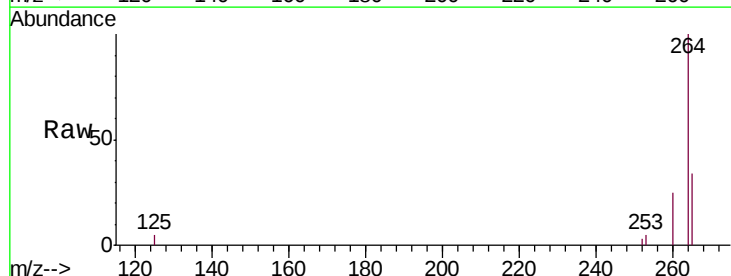


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

Tgt Ion:264 Resp: 9657
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 33.6 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

