

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097506.D
 Acq On : 17 Sep 2018 21:28
 Operator : SJ/JU
 Sample : J4892-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-05-091218

Quant Time: Sep 18 05:52:01 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	1139	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	5850	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	7240	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8490	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9680	0.40	ng	0.00
34) Perylene-d12	23.20	264	9782	0.40	ng	0.00

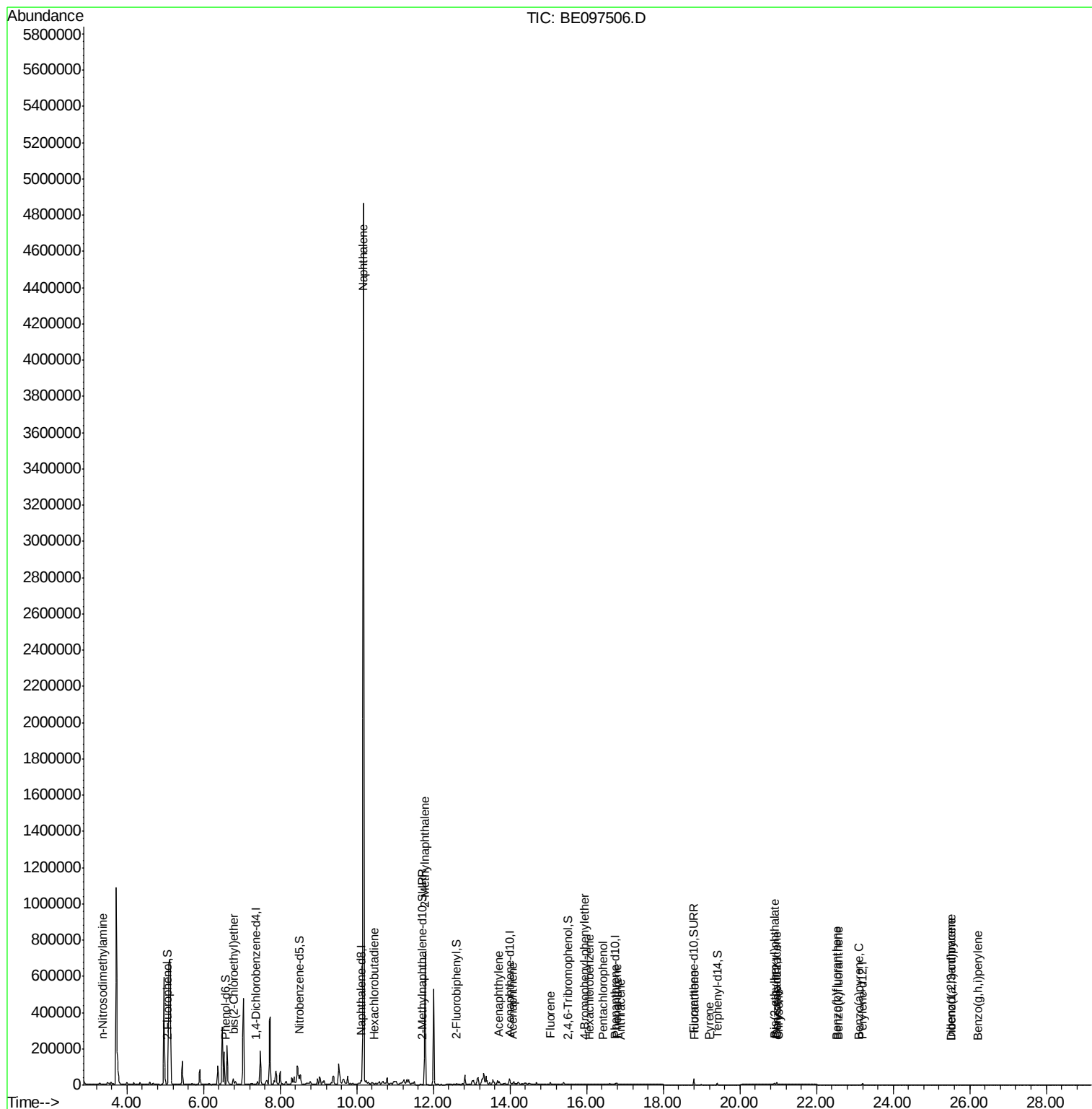
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1876	0.49	ng	0.00
5) Phenol-d6	6.58	99	668	0.14	ng	-0.02
8) Nitrobenzene-d5	8.49	82	10694	2.27	ng	-0.03
11) 2-Methylnaphthalene-d10	11.71	152	3833	0.46	ng	-0.01
14) 2,4,6-Tribromophenol	15.51	330	914	0.24	ng	-0.02
15) 2-Fluorobiphenyl	12.61	172	6691	0.26	ng	-0.01
25) Fluoranthene-d10	18.80	212	46444	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	8848	0.48	ng	0.00

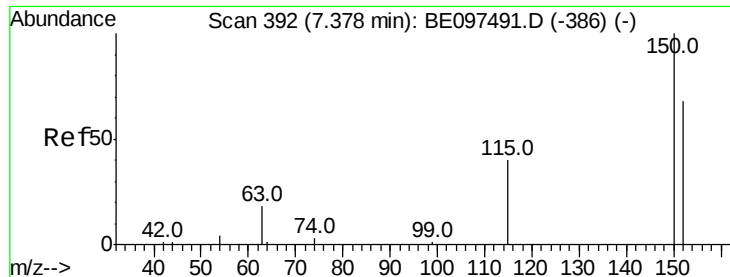
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.36	42	875	0.531	ng	# 1
6) bis(2-Chloroethyl)ether	6.78	93	1180	0.302	ng	# 1
9) Naphthalene	10.17	128	8547385	160.943	ng	99
10) Hexachlorobutadiene	10.46	225	5	0.002	ng	# 55
12) 2-Methylnaphthalene	11.78	142	524547	61.751	ng	98
16) Acenaphthylene	13.71	152	2042	0.065	ng	# 1
17) Acenaphthene	14.06	154	2388	0.123	ng	# 78
18) Fluorene	15.05	166	7478	0.302	ng	# 78
20) 4-Bromophenyl-phenylether	15.95	248	30	0.007	ng	# 1
21) Hexachlorobenzene	16.07	284	24	0.006	ng	# 1
22) Pentachlorophenol	16.43	266	90	0.205	ng	86
23) Phenanthrene	16.79	178	2996	0.150	ng	# 87
24) Anthracene	16.88	178	480	0.026	ng	# 17
26) Fluoranthene	18.83	202	705	0.027	ng	99
28) Pyrene	19.19	202	640	0.026	ng	# 90
30) Benzo(a)anthracene	20.96	228	430	0.017	ng	# 67
31) Chrysene	21.00	228	424	0.016	ng	# 64
32) Bis(2-ethylhexyl)phthalate	20.91	149	11952	0.221	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	524	0.017	ng	# 85
35) Benzo(b)fluoranthene	22.53	252	545	0.022	ng	# 17
36) Benzo(k)fluoranthene	22.58	252	460	0.017	ng	# 1
37) Benzo(a)pyrene	23.11	252	463	0.019	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	325	0.013	ng	# 1
39) Benzo(g,h,i)perylene	26.22	276	486	0.018	ng	# 45

(#) = 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: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

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ClientSampleId :

PR-MW-05-091218

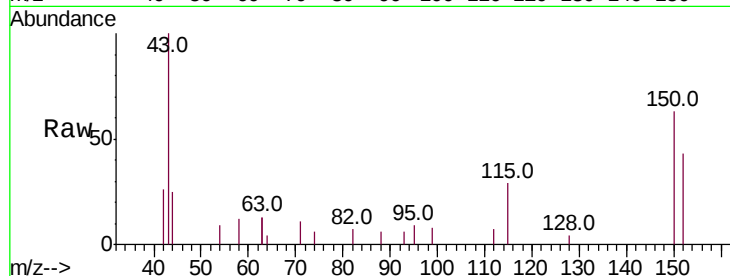
Tot Ion:152 Resp: 1139

Ion Ratio Lower Upper

152 100

150 145.8 117.2 175.8

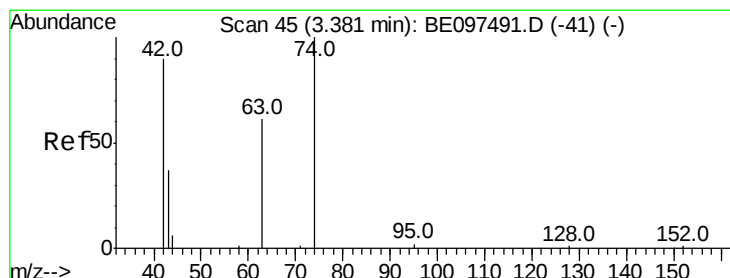
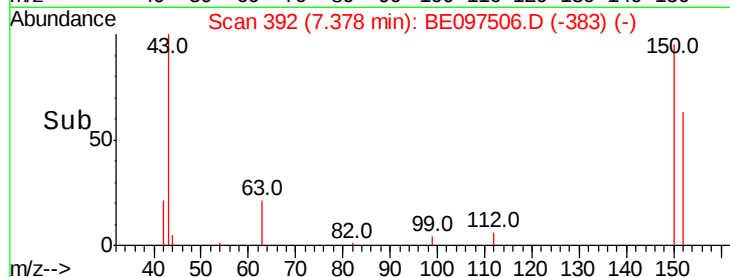
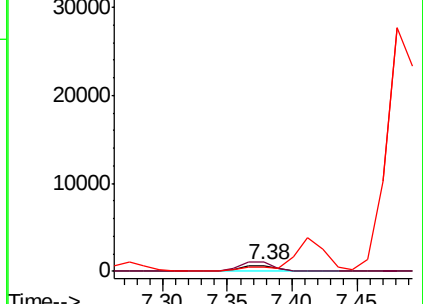
115 68.0 57.0 85.6



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



#3

n-Nitrosodimethylamine

Concen: 0.531 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.02 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

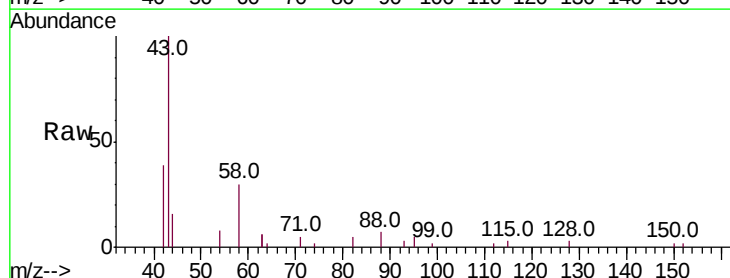
Tgt Ion: 42 Resp: 875

Ion Ratio Lower Upper

42 100

74 0.3 96.0 144.0#

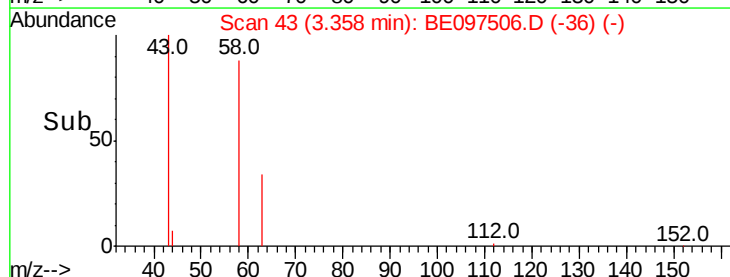
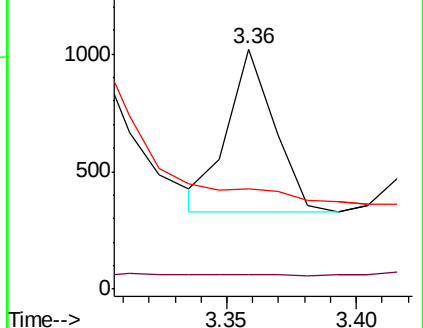
44 0.0 12.0 18.0#

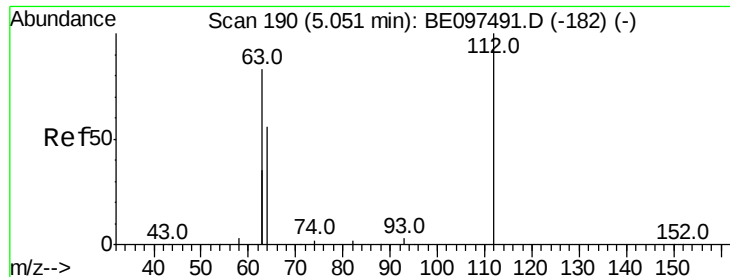


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.486 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

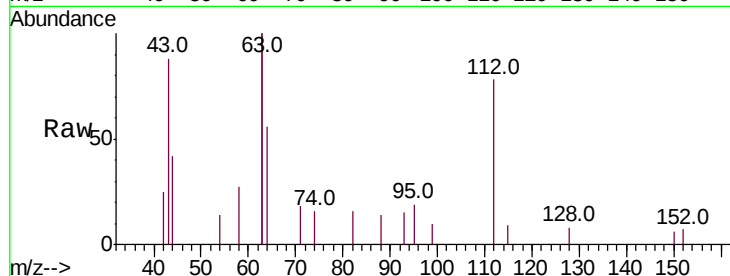
Tot Ion:112 Resp: 1876

Ion Ratio Lower Upper

112 100

64 0.0 60.1 90.1#

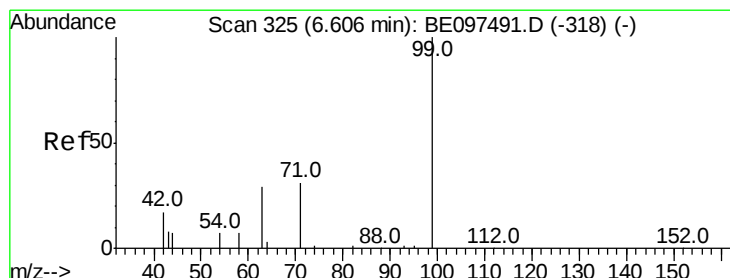
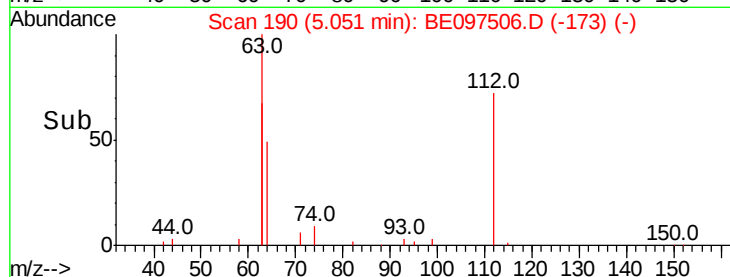
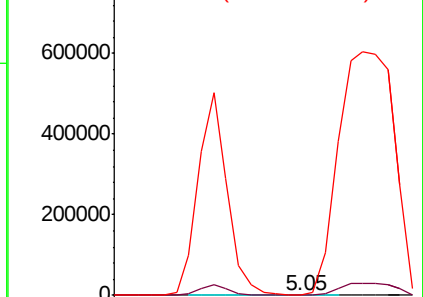
63 0.0 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): BE097491.D (-182) (-)

Ion 64.00 (63.70 to 64.70): BE097491.D (-182) (-)

Ion 63.00 (62.70 to 63.70): BE097491.D (-182) (-)



#5

Phenol-d6

Concen: 0.136 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.02 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

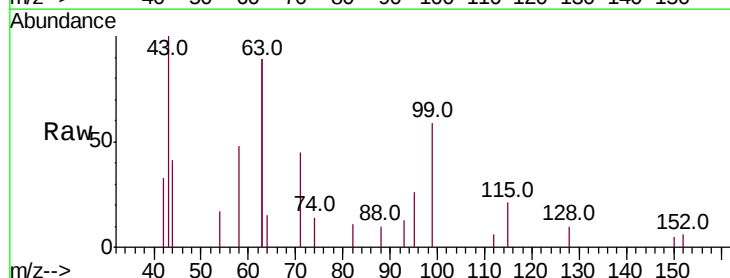
Tgt Ion: 99 Resp: 668

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

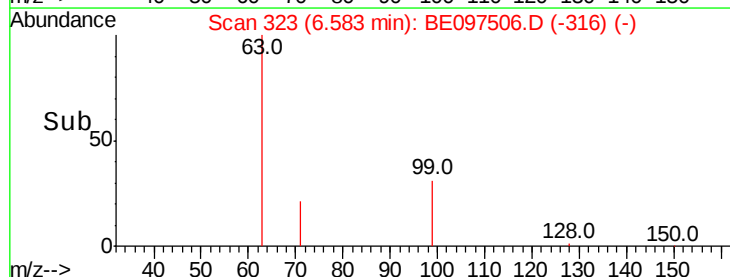
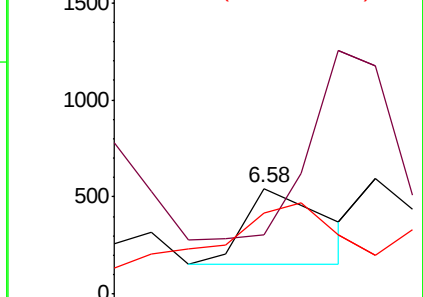
71 0.0 28.4 42.6#

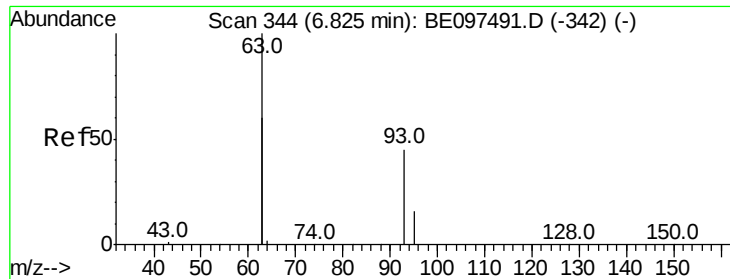


Abundance Ion 99.00 (98.70 to 99.70): BE097491.D (-318) (-)

Ion 42.00 (41.70 to 42.70): BE097491.D (-318) (-)

Ion 71.00 (70.70 to 71.70): BE097491.D (-318) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.302 ng

RT: 6.78 min Scan# 340

Delta R.T. -0.05 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

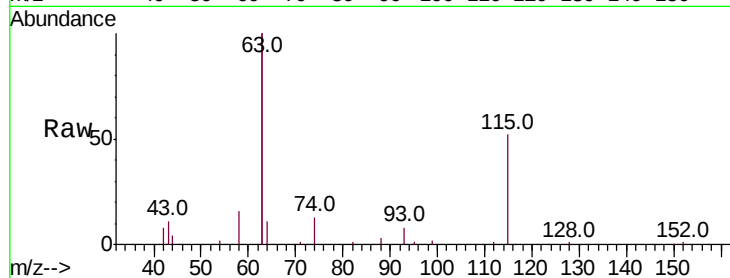
Tot Ion: 93 Resp: 1180

Ion Ratio Lower Upper

93 100

63 3463.7 275.3 412.9#

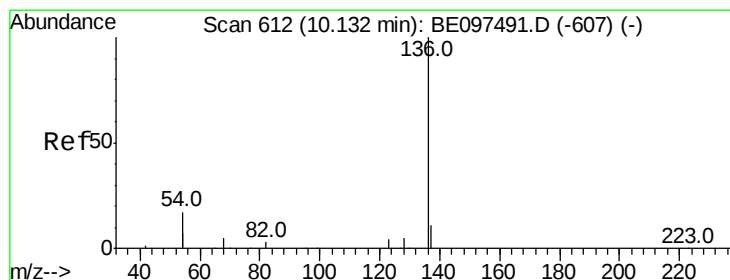
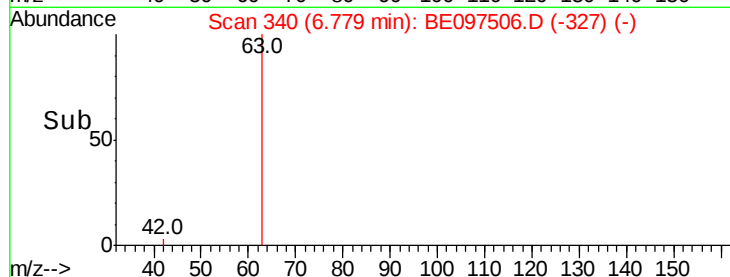
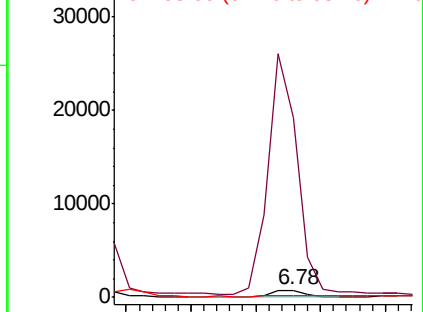
95 9.7 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Tgt Ion:136 Resp: 5850

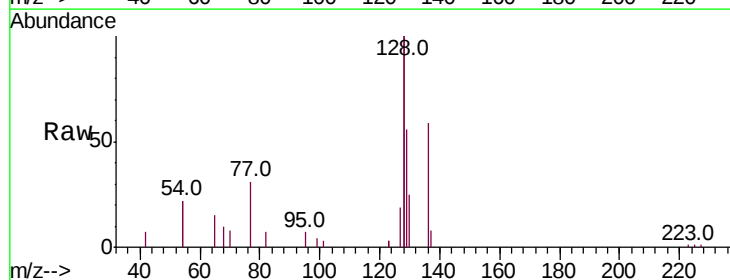
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 74.3 29.1 43.7#

68 16.5 6.2 9.2#

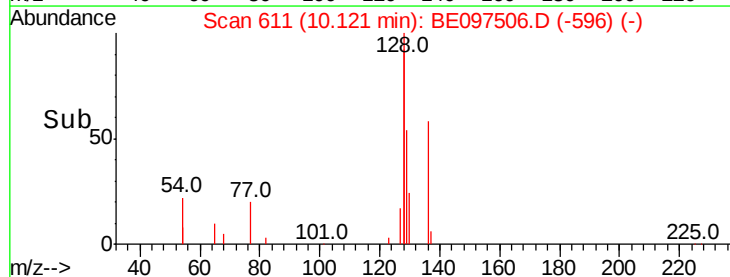
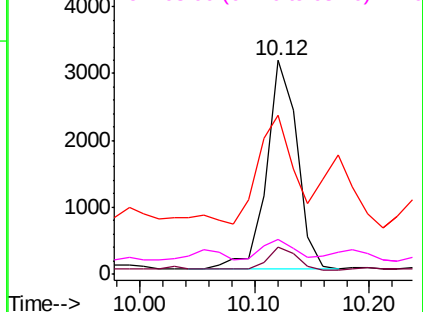


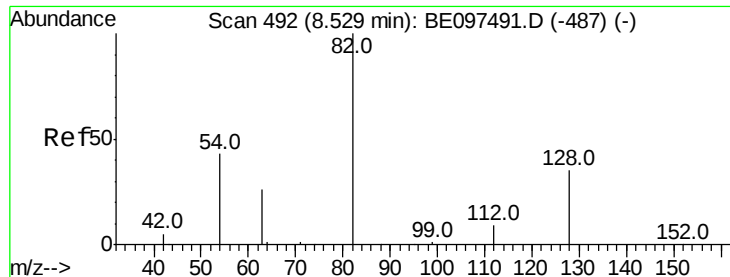
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.272 ng

RT: 8.49 min Scan# 489

Delta R.T. -0.03 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

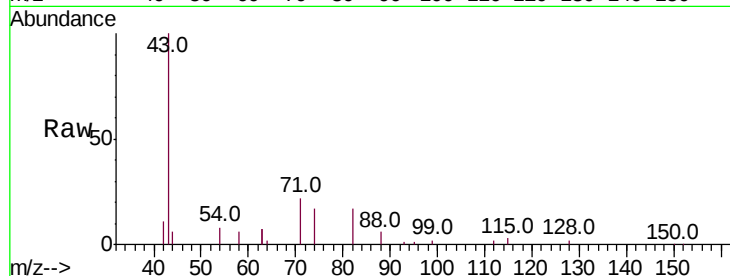
Tot Ion: 82 Resp: 10694

Ion Ratio Lower Upper

82 100

128 11.6 24.0 36.0#

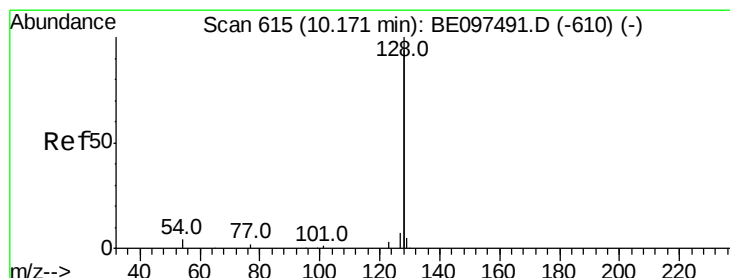
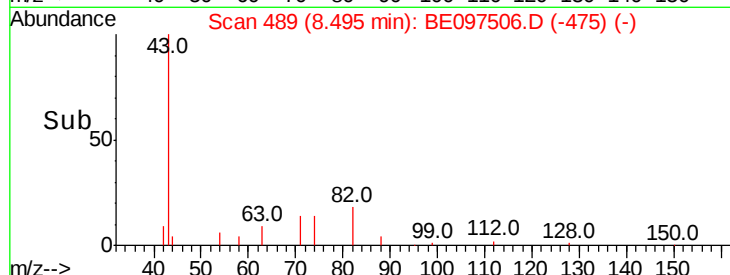
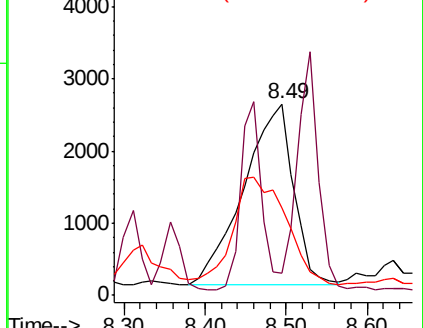
54 45.5 40.0 60.0



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: 160.943 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

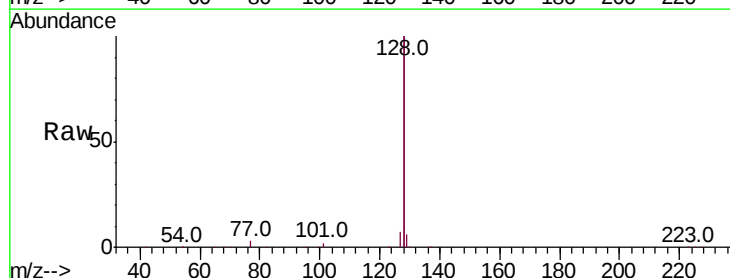
Tgt Ion:128 Resp: 8547385

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

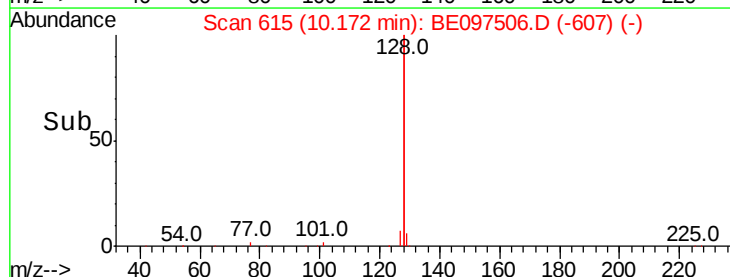
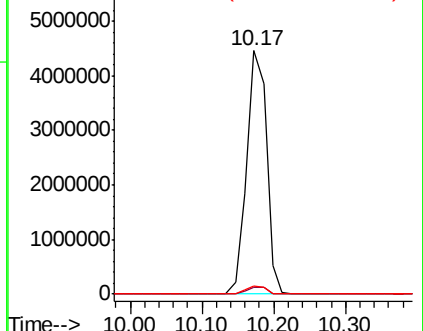
127 3.5 2.8 4.2

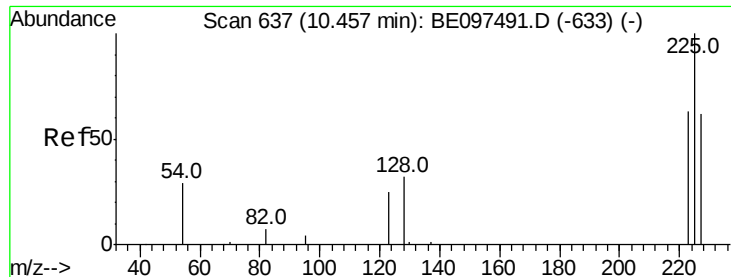


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

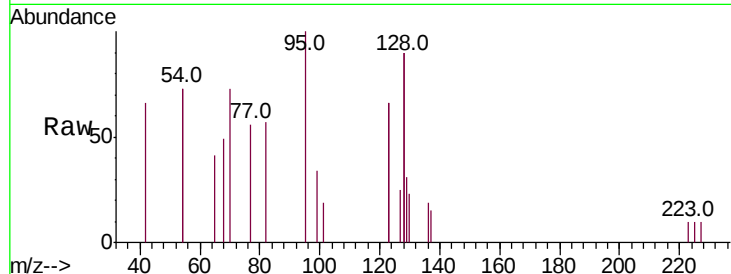




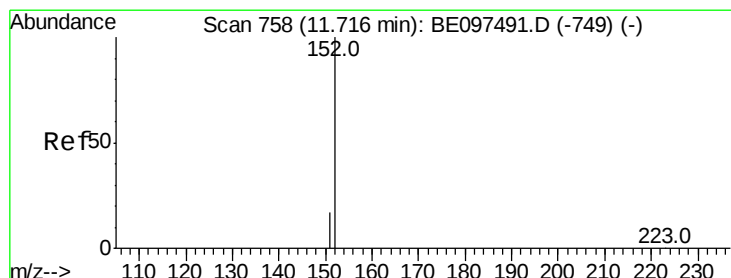
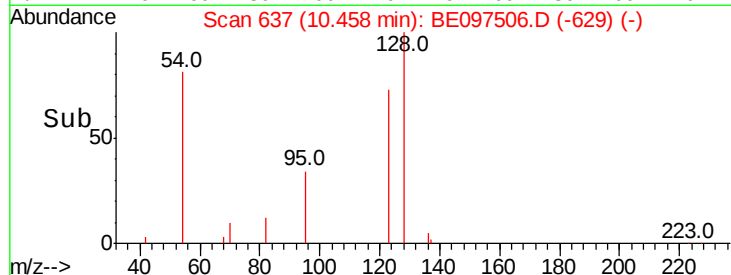
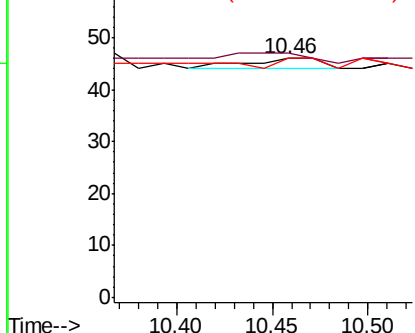
#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Instrument :
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PR-MW-05-091218

Tot Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 60.0 51.4 77.2

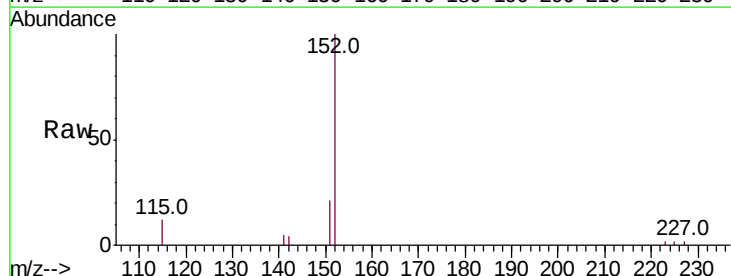


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

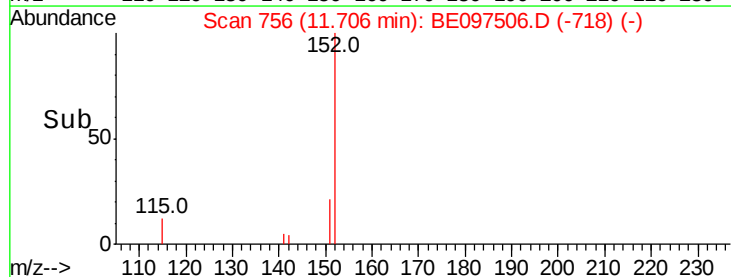
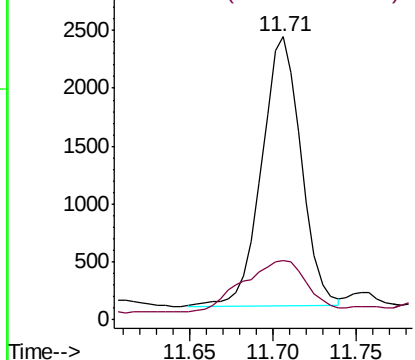


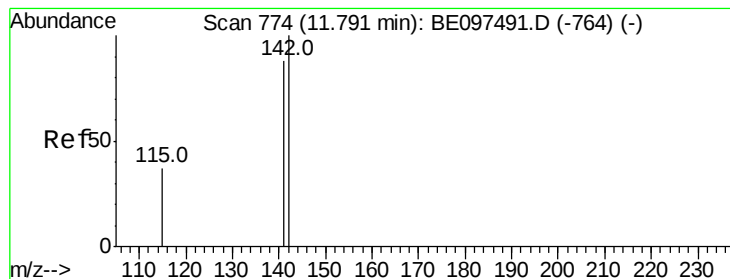
#11
2-Methylnaphthalene-d10
Concen: 0.459 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:152 Resp: 3833
Ion Ratio Lower Upper
152 100
151 31.1 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: 61.751 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

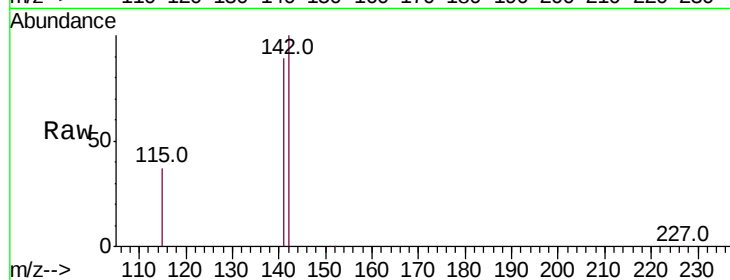
Tot Ion:142 Resp: 524547

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6

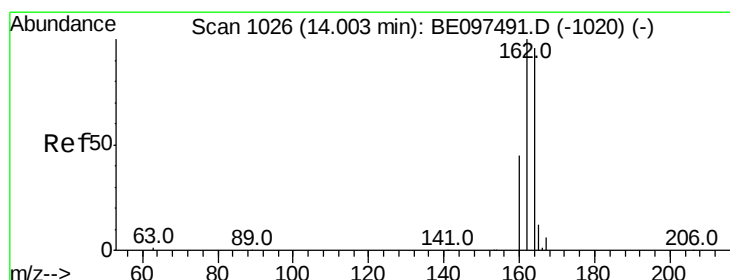
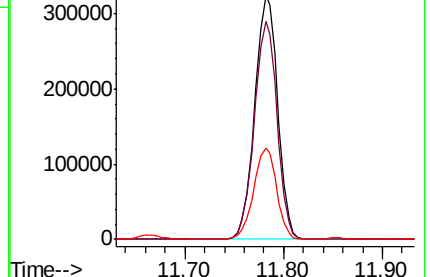
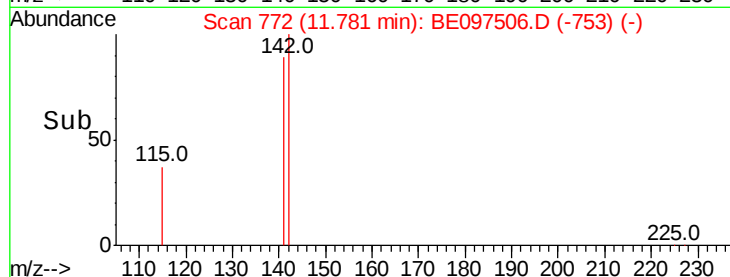
115 37.4 31.7 47.5



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: BE097506.D

Acq: 17 Sep 2018 21:28

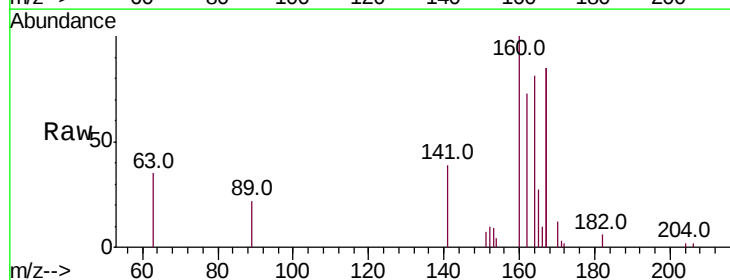
Tgt Ion:164 Resp: 7240

Ion Ratio Lower Upper

164 100

162 90.1 83.1 124.7

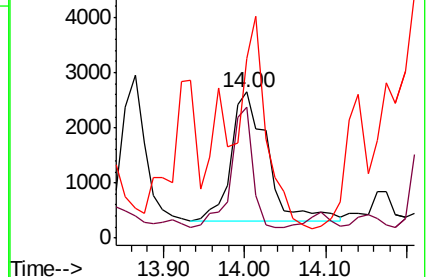
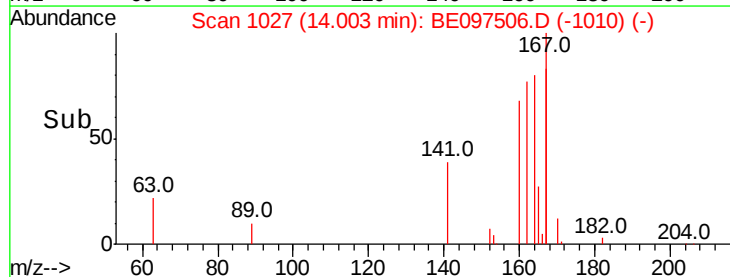
160 122.8 37.1 55.7#

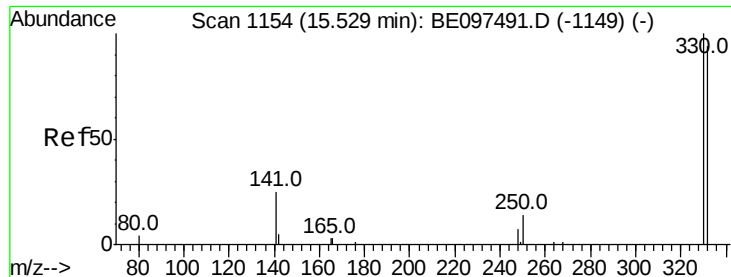


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

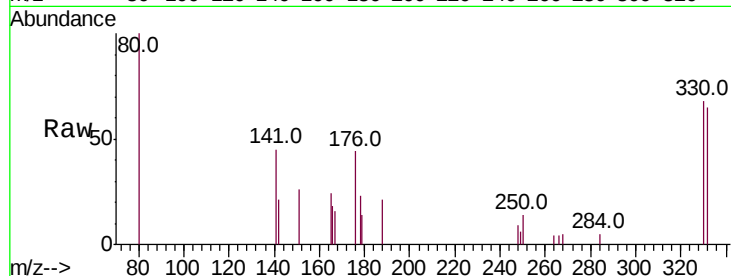




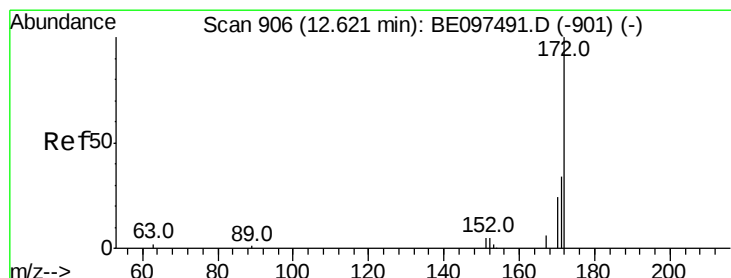
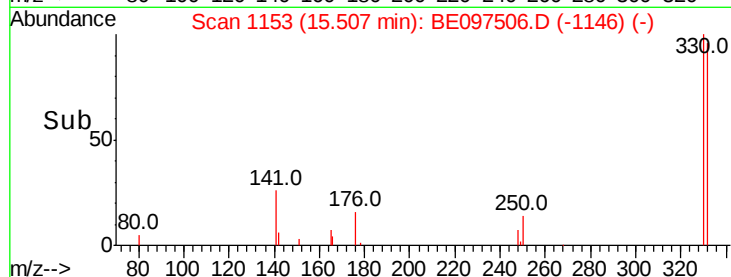
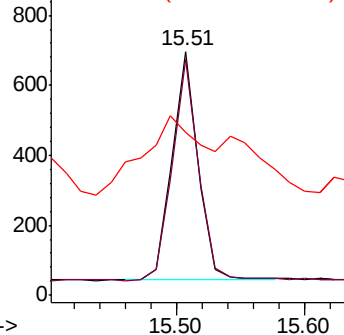
#14
 2,4,6-Tribromophenol
 Concen: 0.239 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE097506.D
 Acq: 17 Sep 2018 21:28

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-05-091218

Tot Ion:330 Resp: 914
 Ion Ratio Lower Upper
 330 100
 332 98.0 152.7 229.1#
 141 57.3 33.7 50.5#

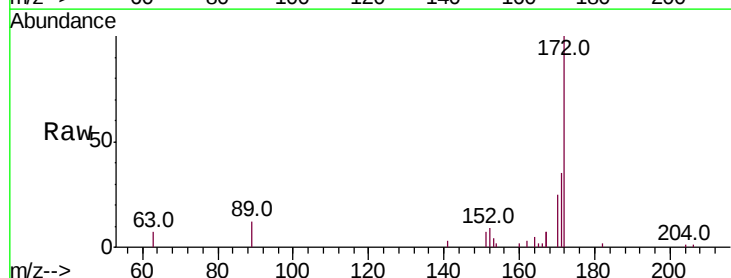


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

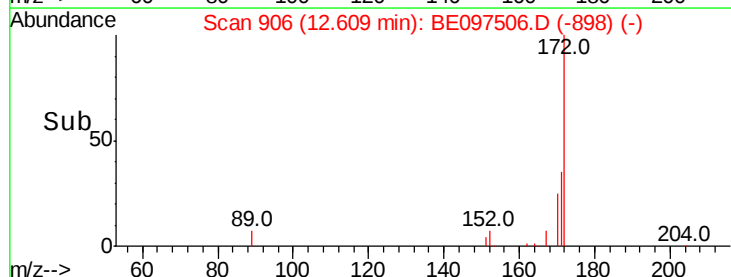
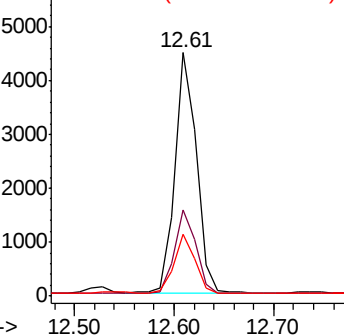


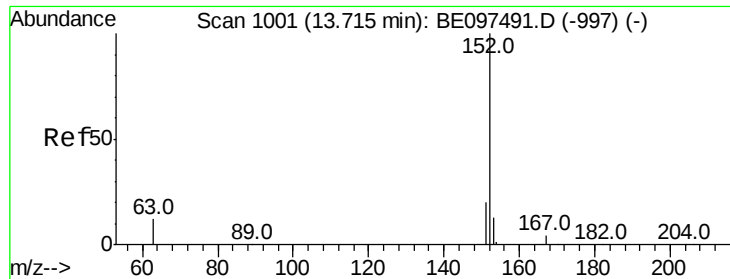
#15
 2-Fluorobiphenyl
 Concen: 0.265 ng
 RT: 12.61 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BE097506.D
 Acq: 17 Sep 2018 21:28

Tgt Ion:172 Resp: 6691
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 25.2 21.8 32.8



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

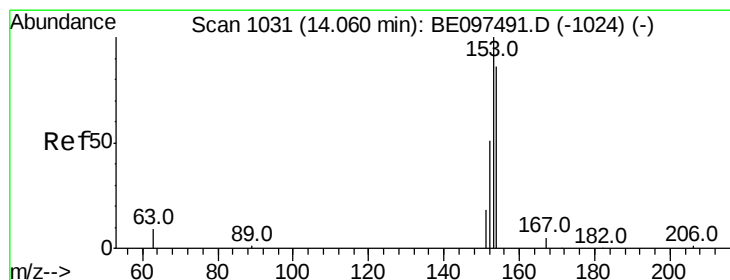
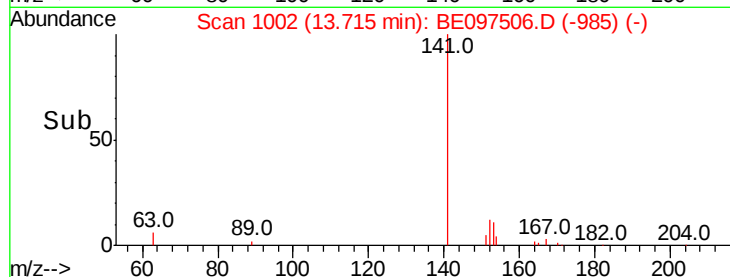
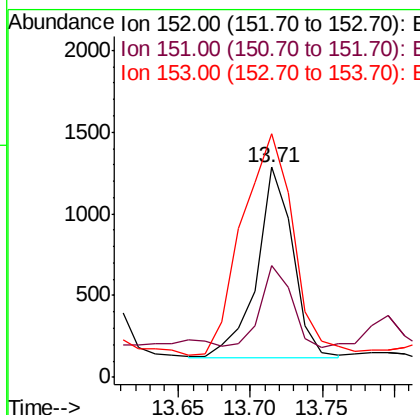
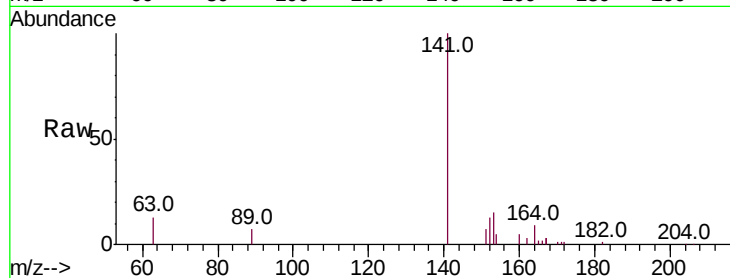




#16
Acenaphthylene
Concen: 0.065 ng
RT: 13.71 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

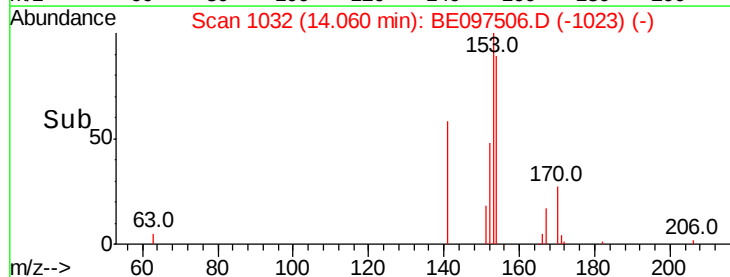
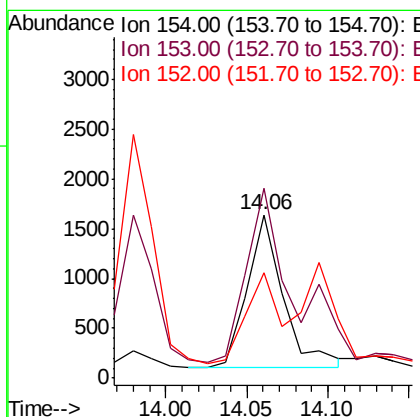
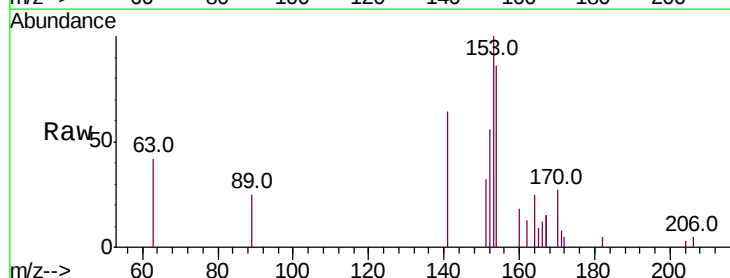
Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

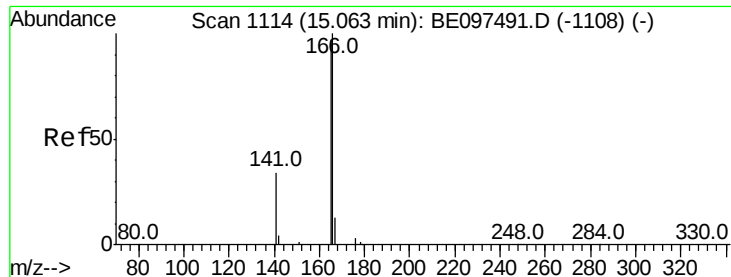
Tot Ion:152 Resp: 2042
Ion Ratio Lower Upper
152 100
151 36.4 15.7 23.5#
153 163.3 10.5 15.7#



#17
Acenaphthene
Concen: 0.123 ng
RT: 14.06 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:154 Resp: 2388
Ion Ratio Lower Upper
154 100
153 145.4 89.2 133.8#
152 51.9 42.0 63.0





#18

Fluorene

Concen: 0.302 ng

RT: 15.05 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

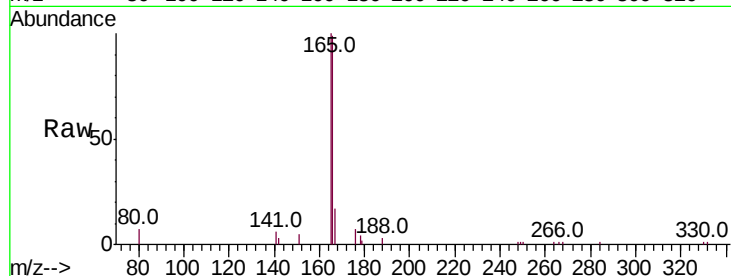
Tot Ion:166 Resp: 7478

Ion Ratio Lower Upper

166 100

165 101.6 77.8 116.6

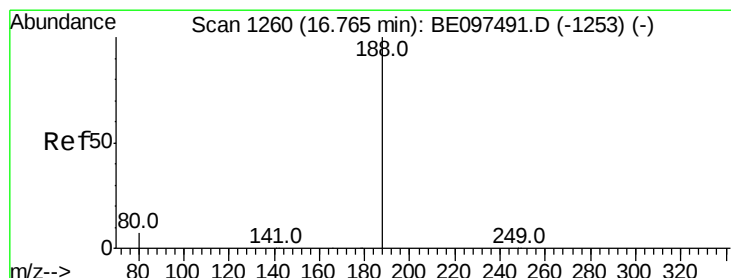
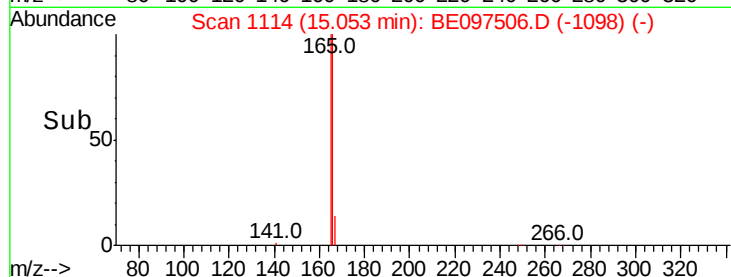
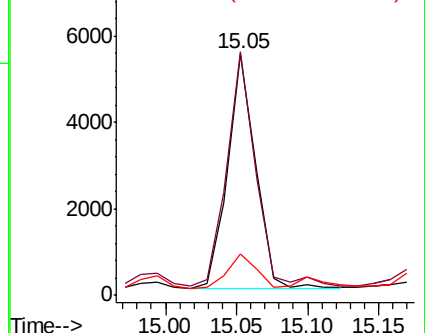
167 15.1 42.4 63.6#



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. -0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

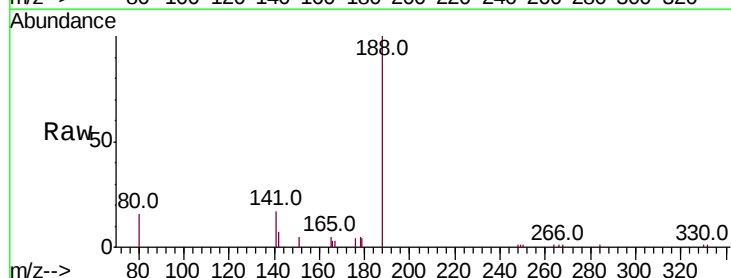
Tgt Ion:188 Resp: 8490

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

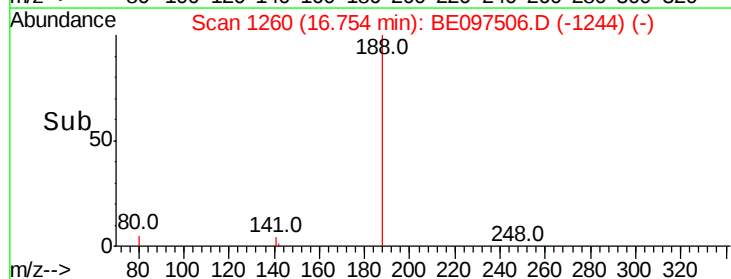
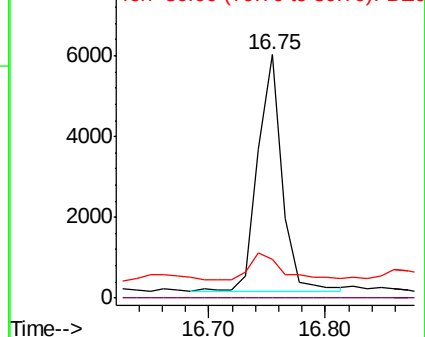
80 15.7 3.6 5.4#

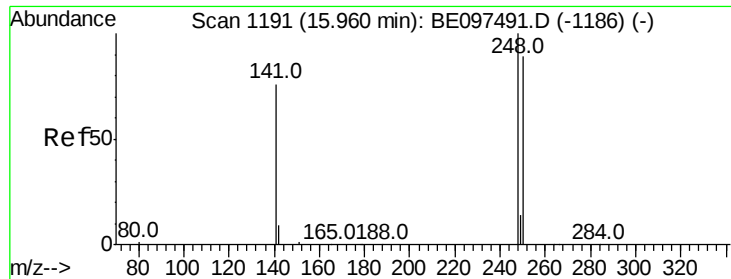


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

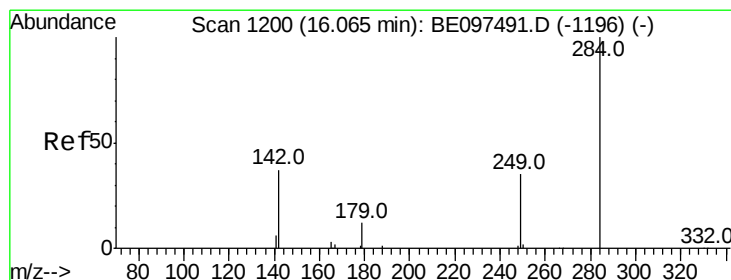
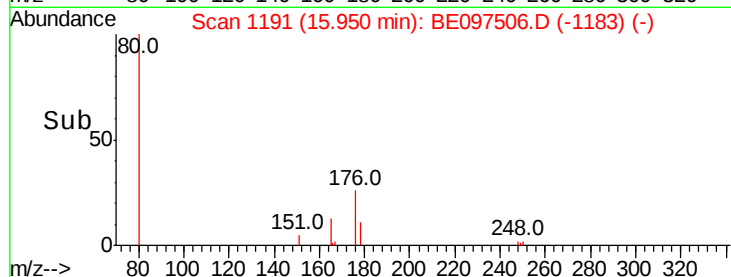
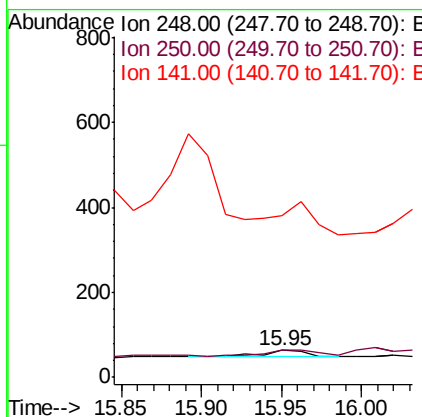
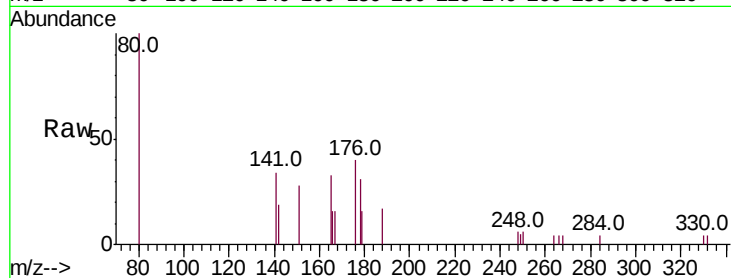




#20
4-Bromophenyl-phenylether
Concen: 0.007 ng
RT: 15.95 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

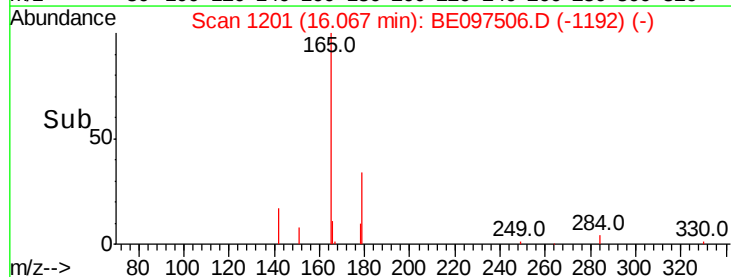
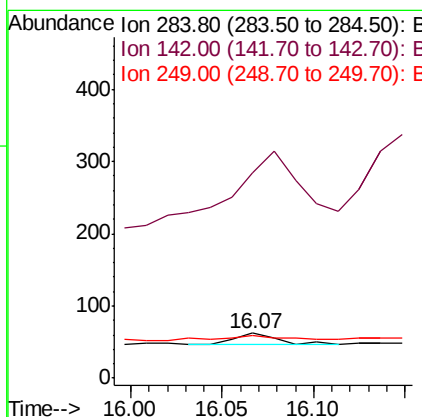
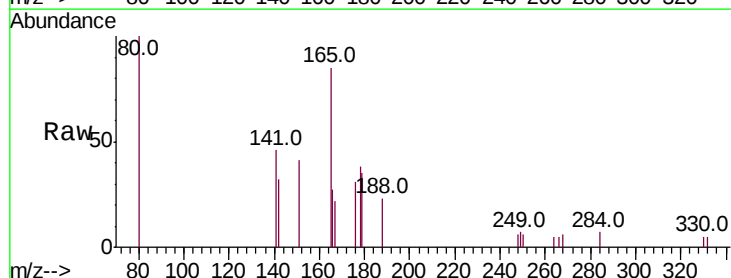
Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

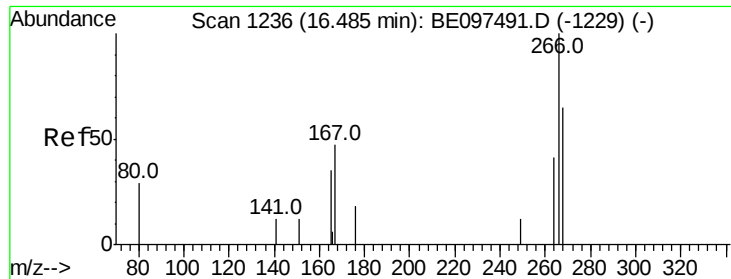
Tot Ion:248 Resp: 30
Ion Ratio Lower Upper
248 100
250 101.6 62.7 94.1#
141 606.3 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.006 ng
RT: 16.07 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:284 Resp: 24
Ion Ratio Lower Upper
284 100
142 1208.3 22.1 33.1#
249 83.3 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.205 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.06 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

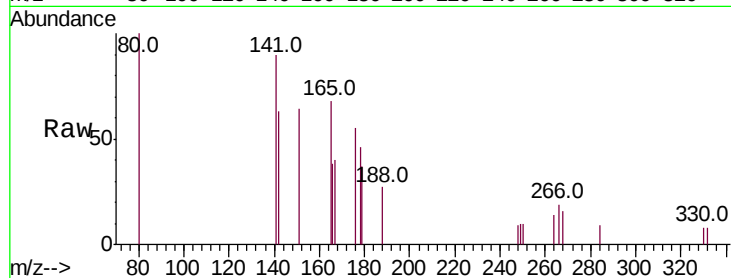
Tot Ion:266 Resp: 90

Ion Ratio Lower Upper

266 100

264 74.5 72.5 108.7

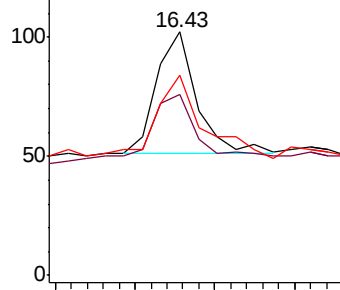
268 82.4 73.8 110.6



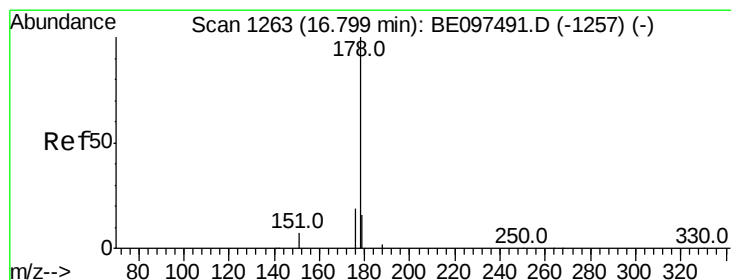
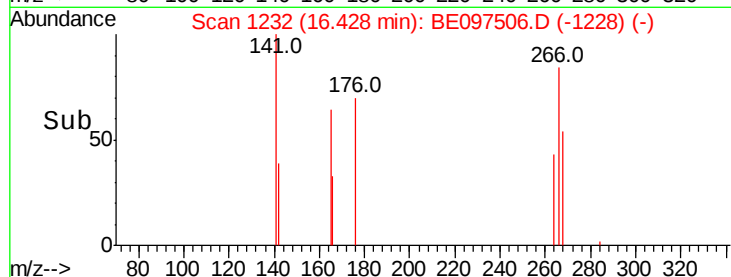
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time--> 16.35 16.40 16.45 16.50



#23

Phenanthrene

Concen: 0.150 ng

RT: 16.79 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

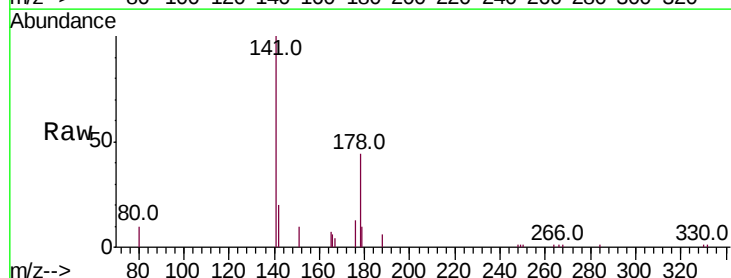
Tgt Ion:178 Resp: 2996

Ion Ratio Lower Upper

178 100

176 23.5 15.1 22.7#

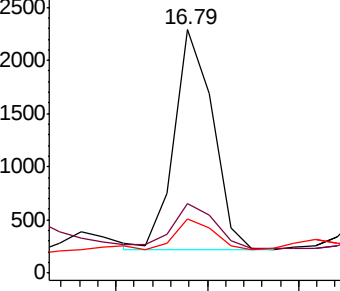
179 21.2 11.8 17.6#



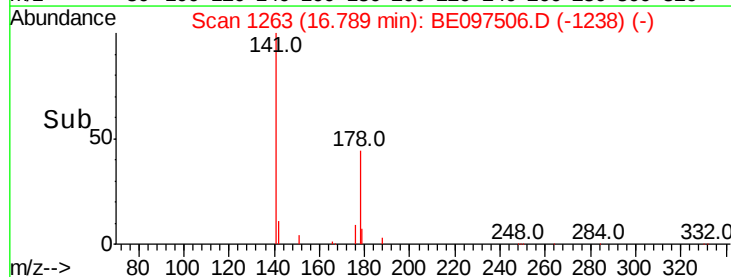
Abundance Ion 178.00 (177.70 to 178.70): E

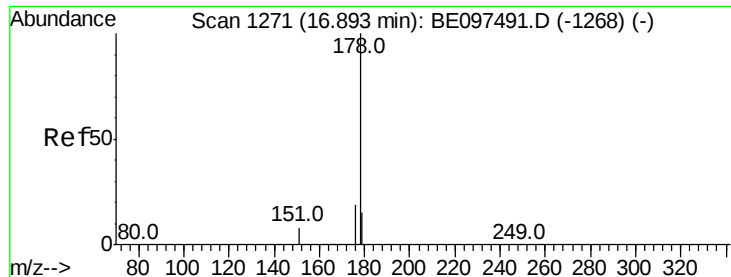
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.75 16.80 16.85

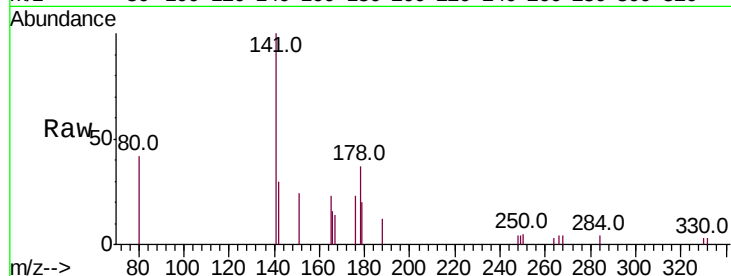




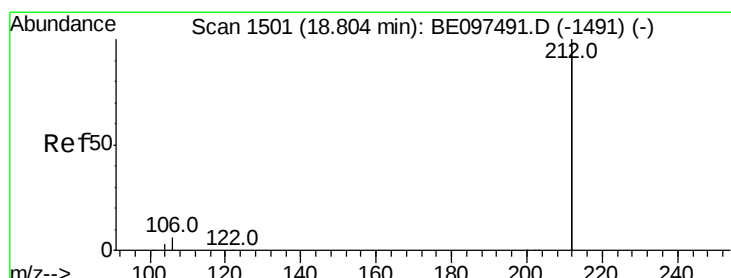
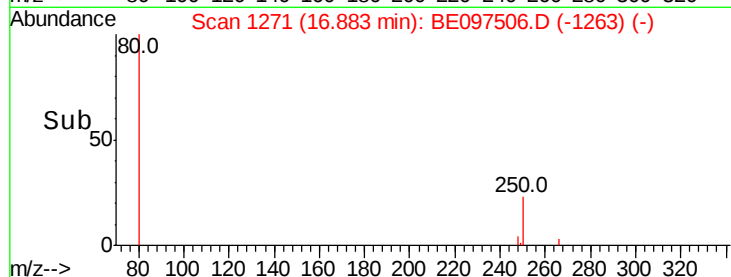
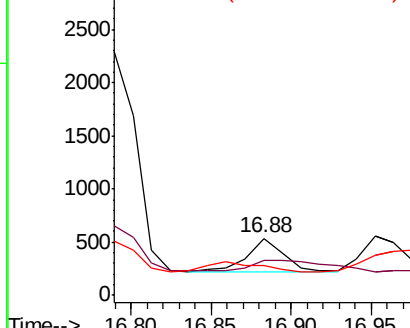
#24
 Anthracene
 Concen: 0.026 ng
 RT: 16.88 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BE097506.D
 Acq: 17 Sep 2018 21:28

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-05-091218

Tot Ion:178 Resp: 480
 Ion Ratio Lower Upper
 178 100
 176 70.8 12.8 19.2#
 179 0.0 13.0 19.6#

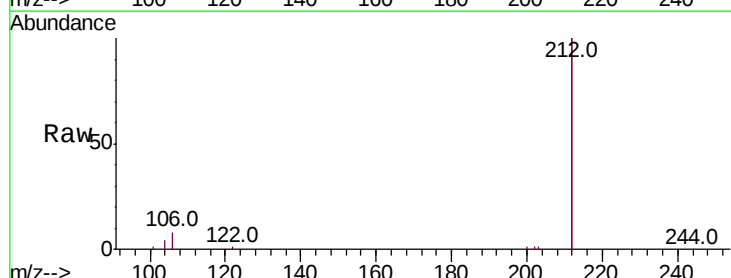


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

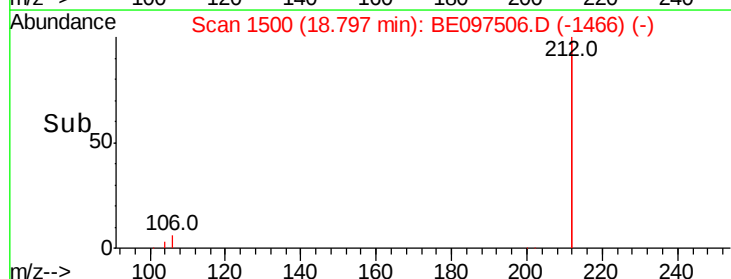
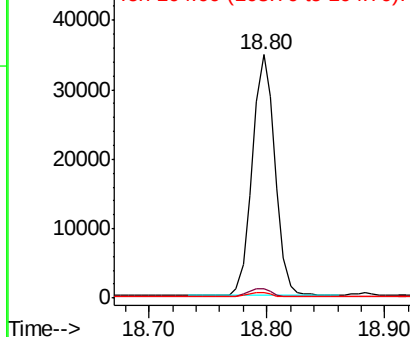


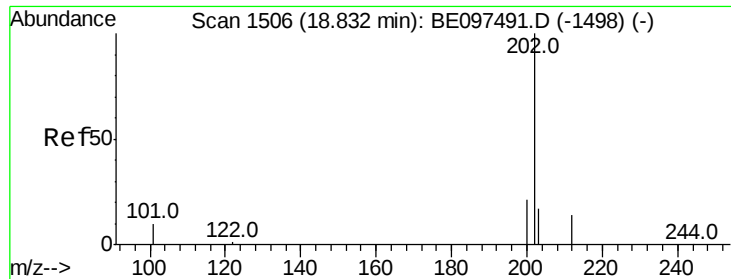
#25
 Fluoranthene-d10
 Concen: 0.455 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097506.D
 Acq: 17 Sep 2018 21:28

Tgt Ion:212 Resp: 46444
 Ion Ratio Lower Upper
 212 100
 106 3.4 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





#26

Fluoranthene

Concen: 0.027 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

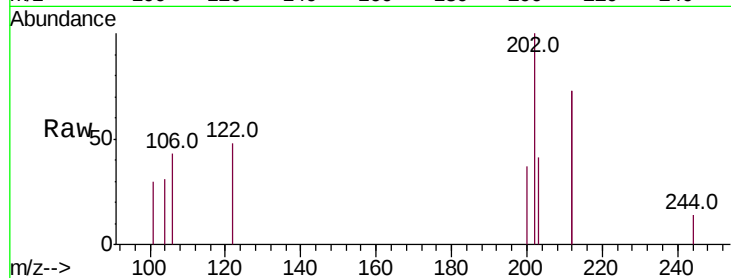
Tot Ion:202 Resp: 705

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.8

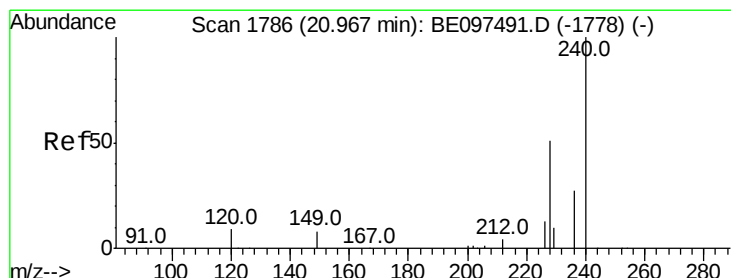
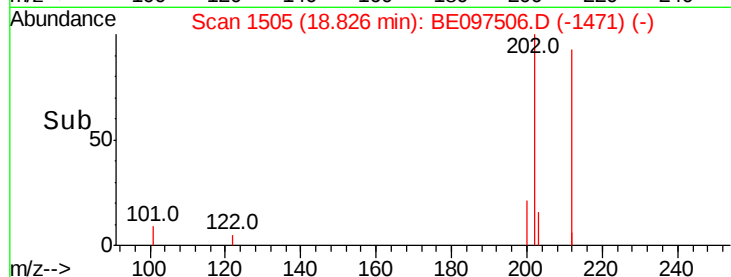
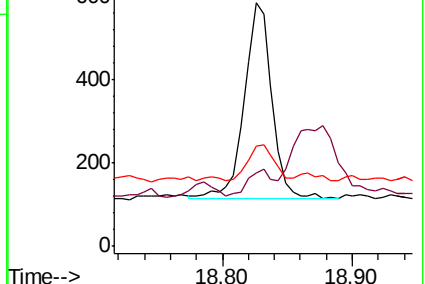
203 17.7 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

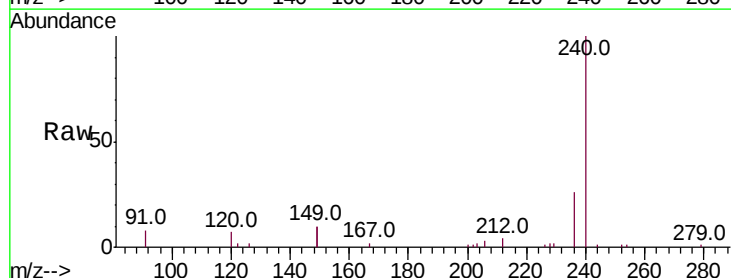
Tgt Ion:240 Resp: 9680

Ion Ratio Lower Upper

240 100

120 6.8 5.5 8.3

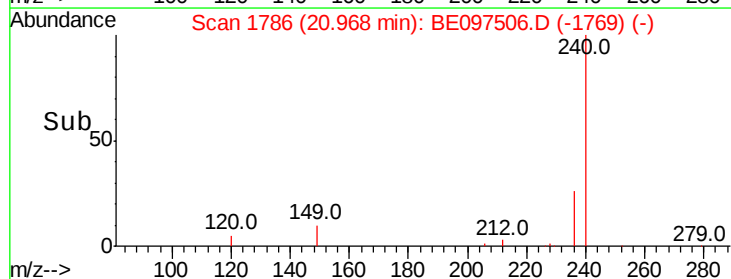
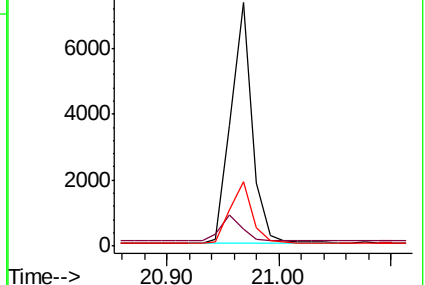
236 26.4 20.7 31.1

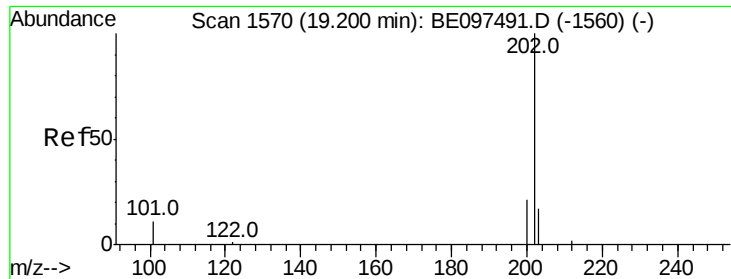


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.026 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

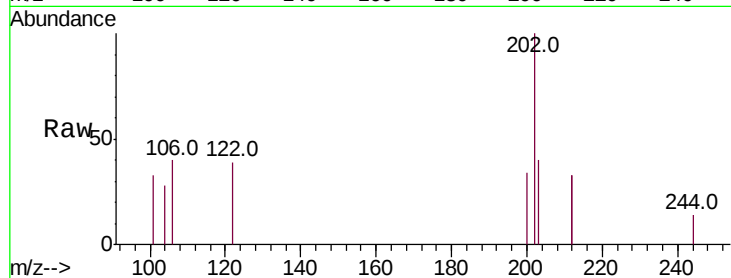
Tot Ion:202 Resp: 640

Ion Ratio Lower Upper

202 100

200 21.9 16.6 25.0

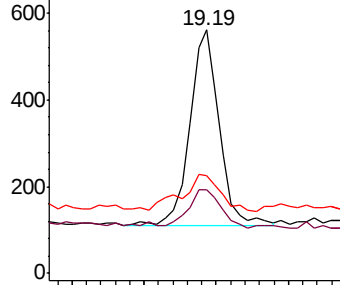
203 25.6 13.8 20.8#



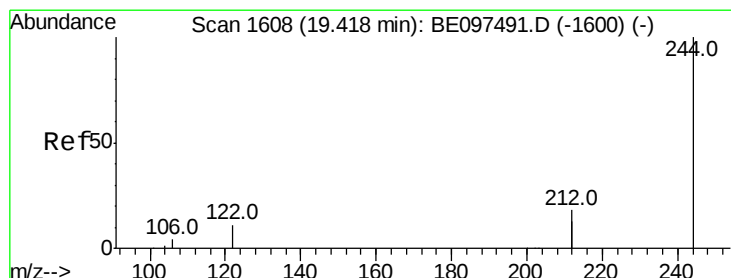
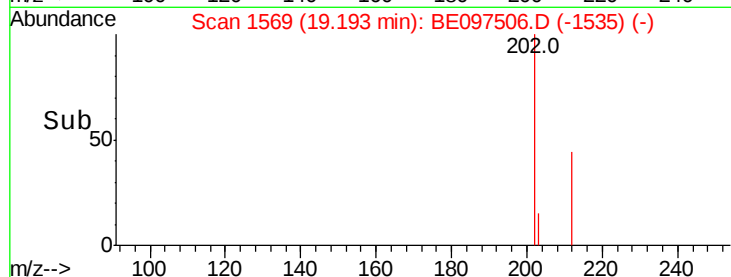
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#29

Terphenyl-d14

Concen: 0.478 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

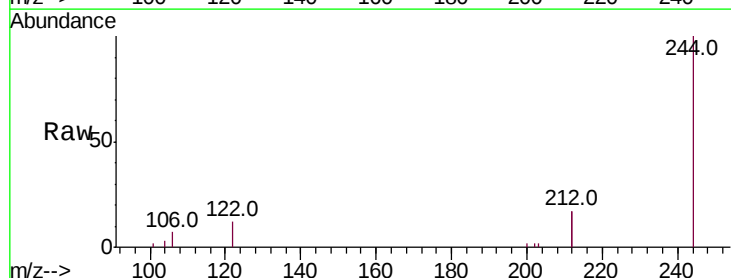
Tgt Ion:244 Resp: 8848

Ion Ratio Lower Upper

244 100

212 34.3 25.4 38.0

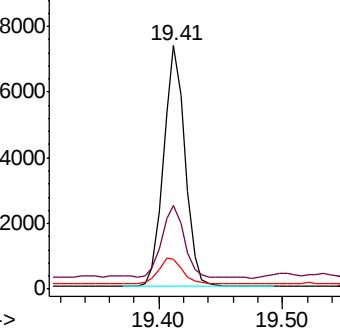
122 12.4 8.1 12.1#



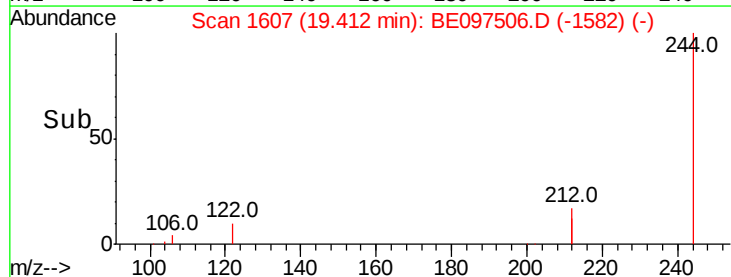
Abundance Ion 244.00 (243.70 to 244.70): E

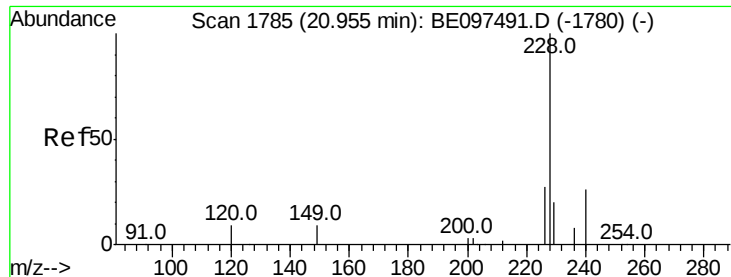
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#30

Benzo(a)anthracene

Concen: 0.017 ng

RT: 20.96 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

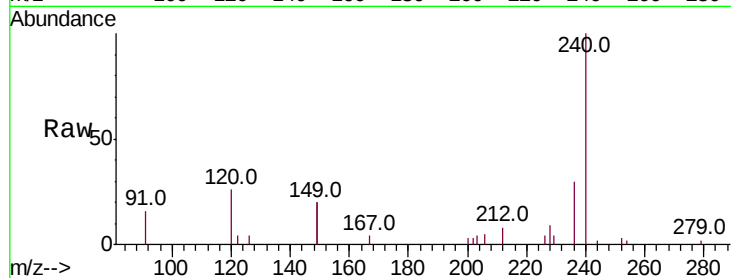
Tot Ion:228 Resp: 430

Ion Ratio Lower Upper

228 100

226 42.2 24.0 36.0#

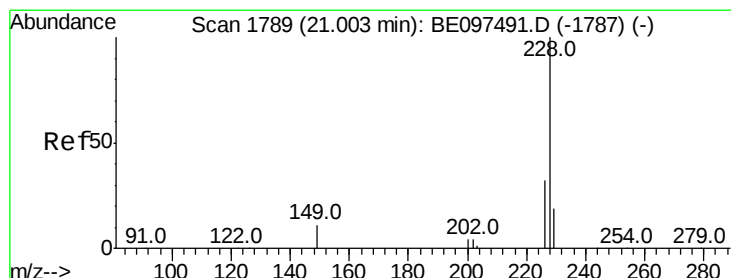
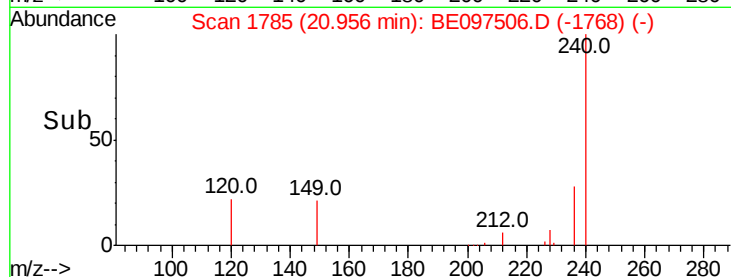
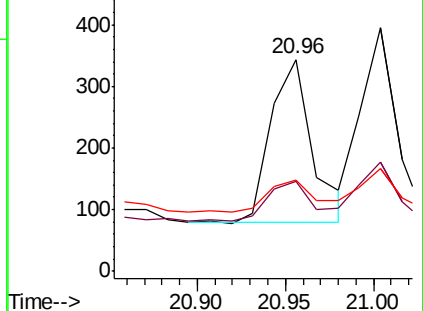
229 43.0 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.016 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

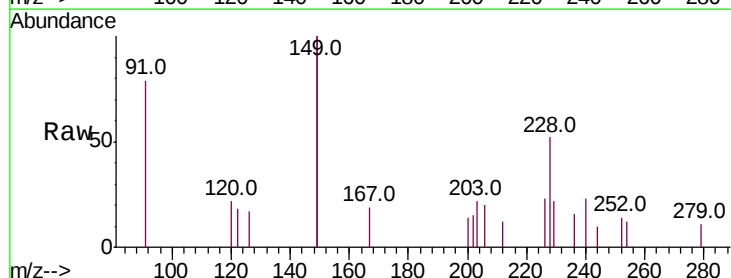
Tgt Ion:228 Resp: 424

Ion Ratio Lower Upper

228 100

226 44.8 24.0 36.0#

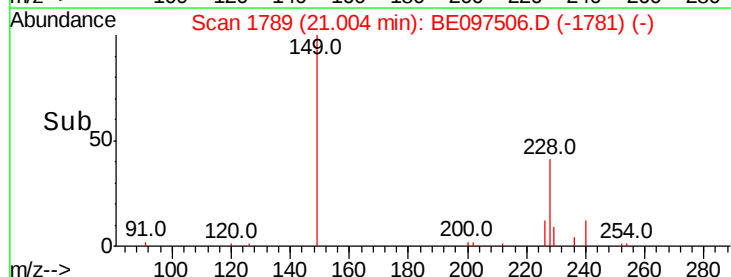
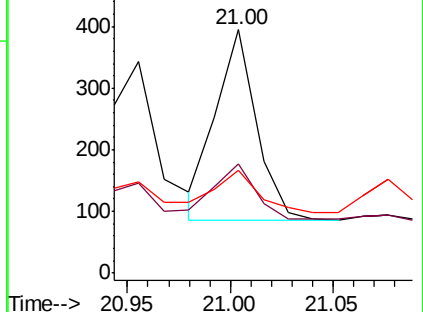
229 42.0 16.0 24.0#

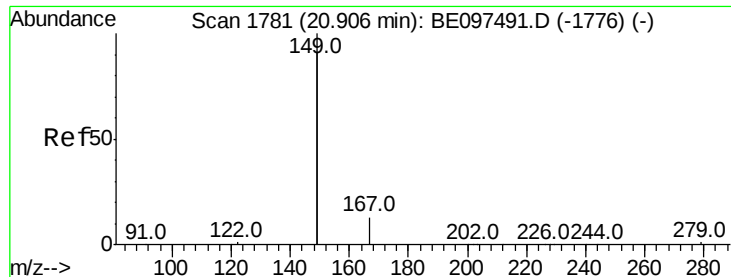


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

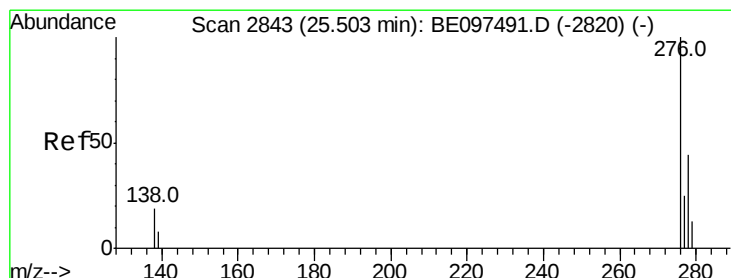
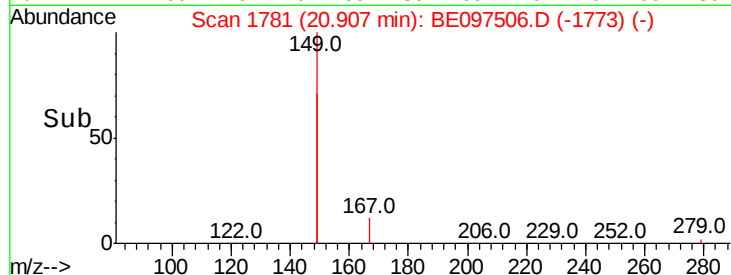
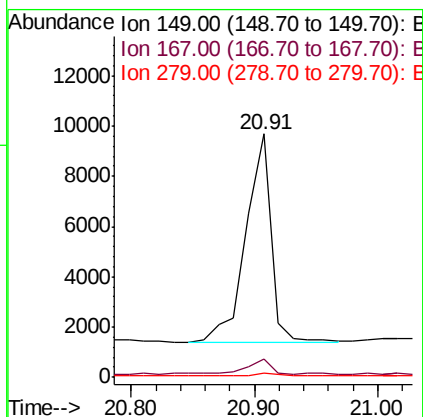
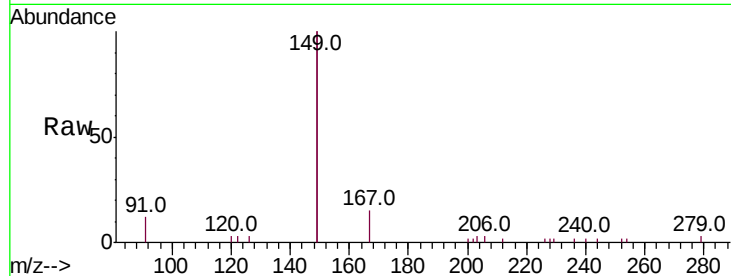




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.221 ng
 RT: 20.91 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097506.D
 Acq: 17 Sep 2018 21:28

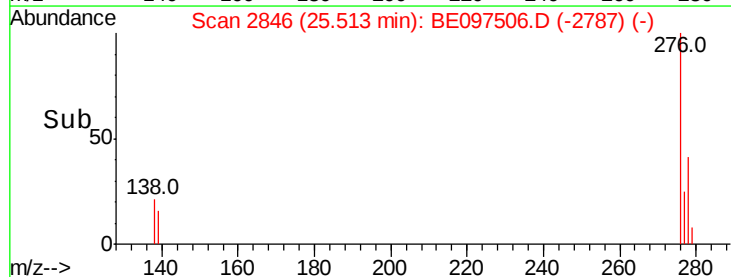
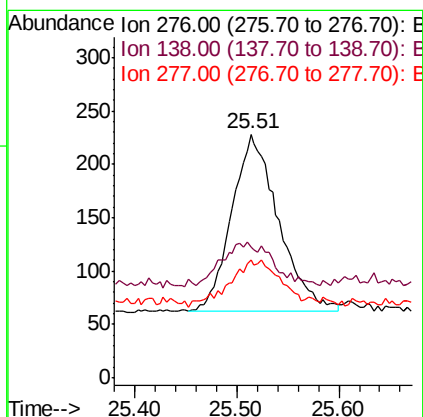
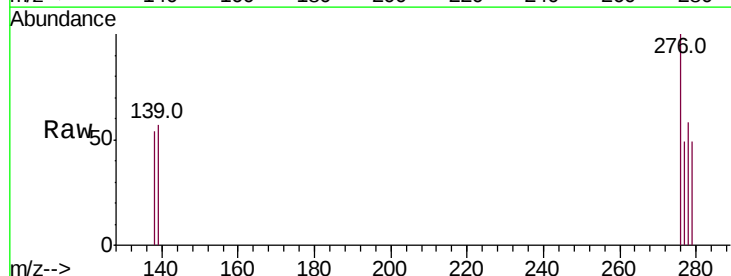
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-05-091218

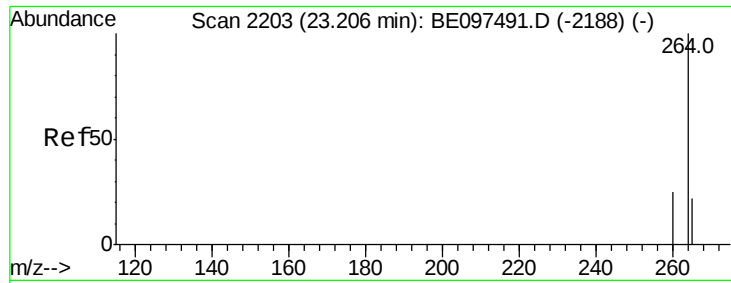
Tot Ion:149 Resp: 11952
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.4 8.0
 279 1.1 0.7 1.1#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.017 ng
 RT: 25.51 min Scan# 2846
 Delta R.T. 0.01 min
 Lab File: BE097506.D
 Acq: 17 Sep 2018 21:28

Tgt Ion:276 Resp: 524
 Ion Ratio Lower Upper
 276 100
 138 17.4 22.5 33.7#
 277 29.2 19.9 29.9

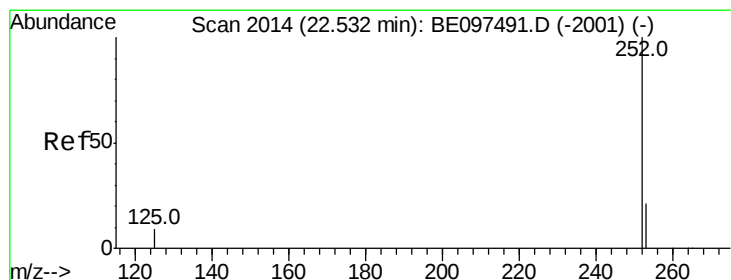
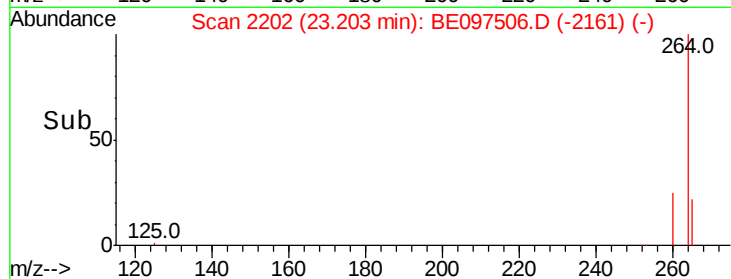
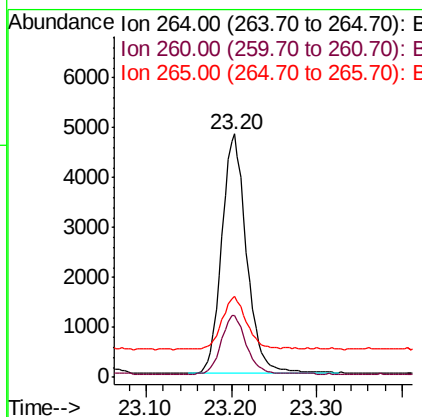
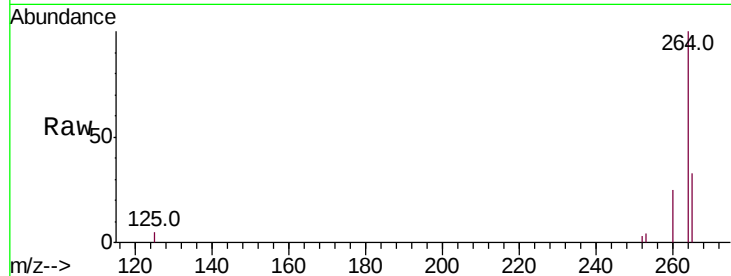




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

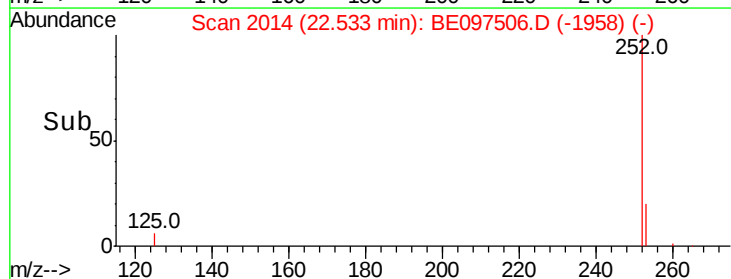
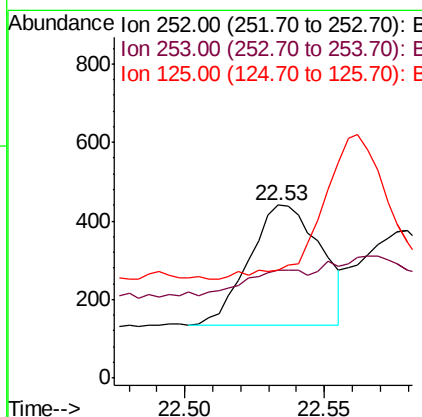
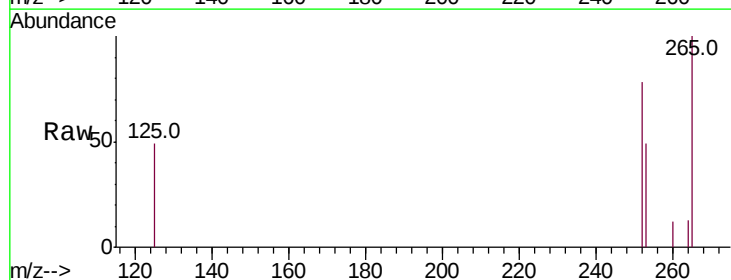
Instrument :
BNA_E
ClientSampleId :
PR-MW-05-091218

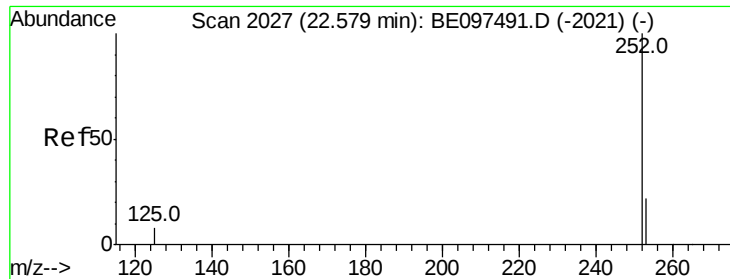
Tot Ion:264 Resp: 9782
Ion Ratio Lower Upper
264 100
260 25.3 20.5 30.7
265 33.3 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097506.D
Acq: 17 Sep 2018 21:28

Tgt Ion:252 Resp: 545
Ion Ratio Lower Upper
252 100
253 62.7 20.0 30.0#
125 62.7 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.017 ng

RT: 22.58 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

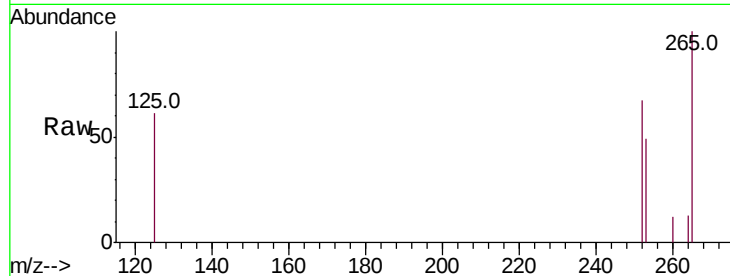
Tot Ion:252 Resp: 460

Ion Ratio Lower Upper

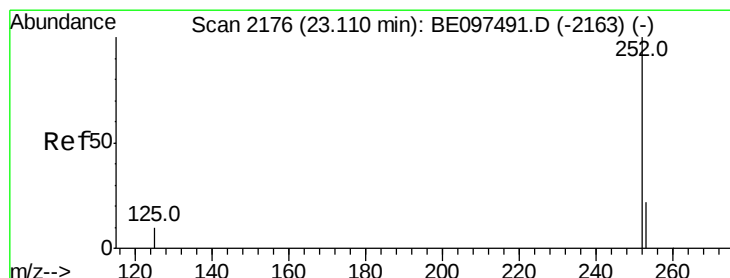
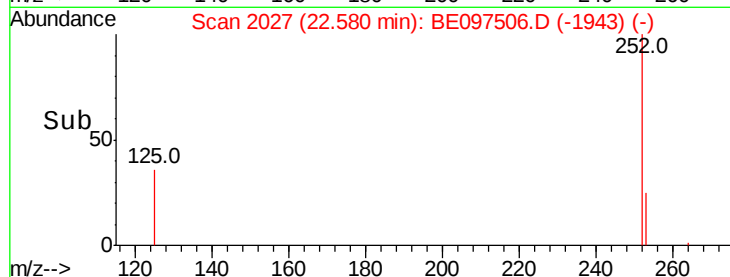
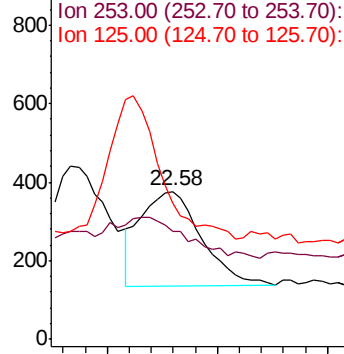
252 100

253 73.2 16.0 24.0#

125 91.5 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.019 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

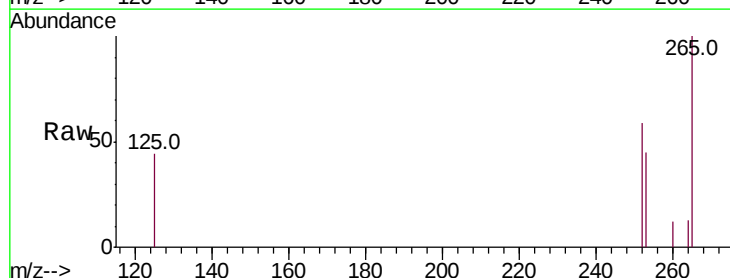
Tgt Ion:252 Resp: 463

Ion Ratio Lower Upper

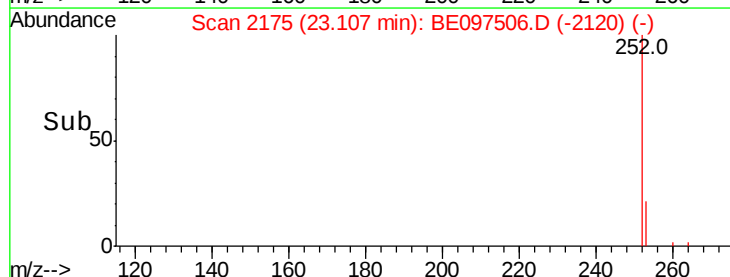
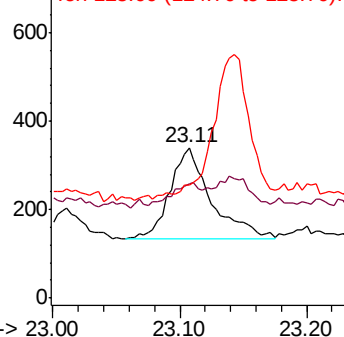
252 100

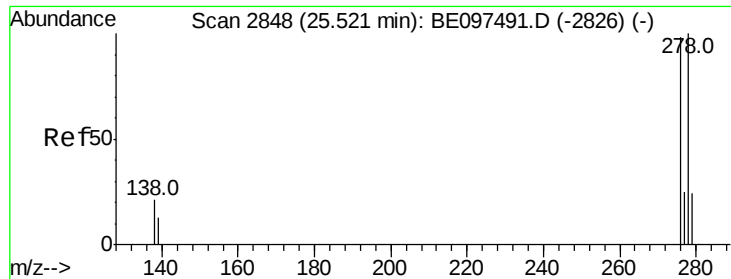
253 76.2 16.0 24.0#

125 74.7 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.013 ng

RT: 25.53 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

Instrument :

BNA_E

ClientSampleId :

PR-MW-05-091218

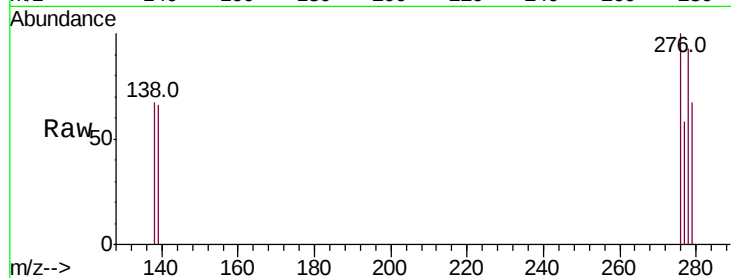
Tot Ion:278 Resp: 325

Ion Ratio Lower Upper

278 100

139 70.7 16.0 24.0#

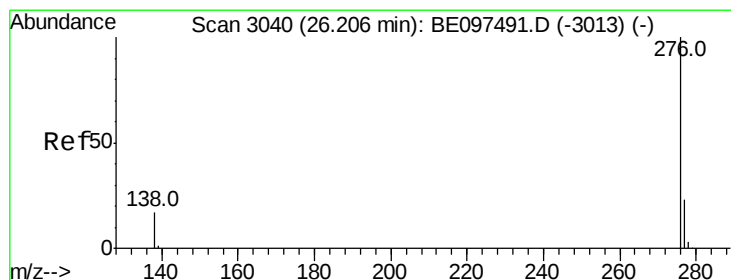
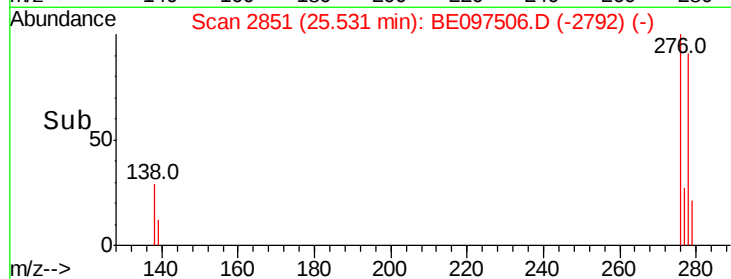
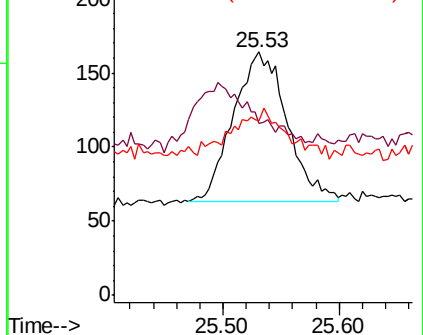
279 72.0 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.018 ng

RT: 26.22 min Scan# 3044

Delta R.T. 0.01 min

Lab File: BE097506.D

Acq: 17 Sep 2018 21:28

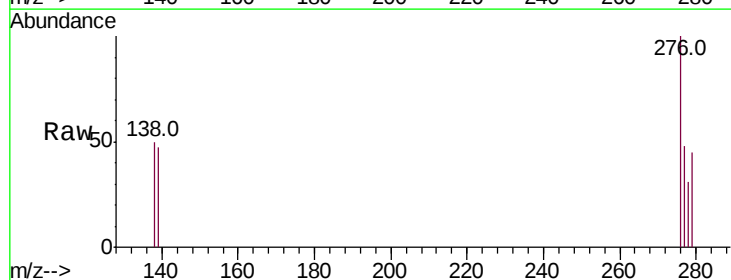
Tgt Ion:276 Resp: 486

Ion Ratio Lower Upper

276 100

277 48.1 16.0 24.0#

138 50.5 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

