

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097507.D
 Acq On : 17 Sep 2018 22:07
 Operator : SJ/JU
 Sample : J4892-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04-091218

Quant Time: Sep 18 05:52:13 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	989	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4559	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2694	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	7578	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9321	0.40	ng	0.00
34) Perylene-d12	23.21	264	9382	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	679	0.20	ng	0.00
5) Phenol-d6	6.60	99	520	0.12	ng	0.00
8) Nitrobenzene-d5	8.53	82	1598	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3131	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	632	0.44	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	6027	0.64	ng	0.00
25) Fluoranthene-d10	18.80	212	48093	0.53	ng	0.00
29) Terphenyl-d14	19.42	244	8677	0.49	ng	0.00

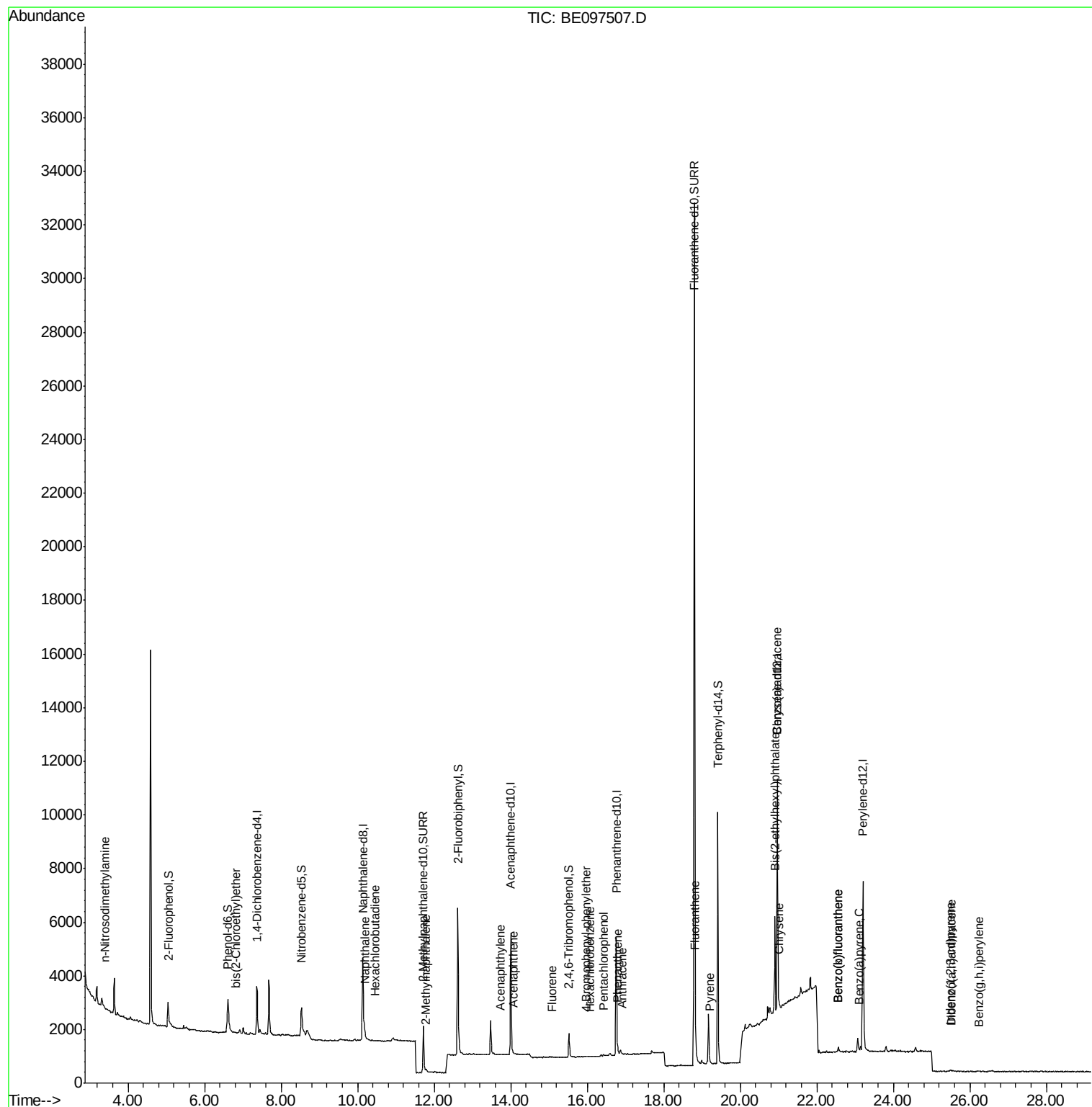
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.38	42	21	0.015	ng	# 30
6) bis(2-Chloroethyl)ether	6.82	93	3	0.001	ng	# 1
9) Naphthalene	10.19	128	635	0.015	ng	# 71
10) Hexachlorobutadiene	10.45	225	5	0.003	ng	# 25
12) 2-Methylnaphthalene	11.80	142	74	0.011	ng	# 66
16) Acenaphthylene	13.73	152	13	0.001	ng	# 26
17) Acenaphthene	14.06	154	12	0.002	ng	# 17
18) Fluorene	15.07	166	34	0.004	ng	# 78
20) 4-Bromophenyl-phenylether	15.97	248	2	0.001	ng	# 51
21) Hexachlorobenzene	16.08	284	13	0.003	ng	# 51
22) Pentachlorophenol	16.43	266	64	0.173	ng	# 69
23) Phenanthrene	16.80	178	121	0.007	ng	# 84
24) Anthracene	16.90	178	36	0.002	ng	# 67
26) Fluoranthene	18.83	202	86	0.004	ng	# 98
28) Pyrene	19.20	202	68	0.003	ng	# 82
30) Benzo(a)anthracene	20.97	228	97	0.004	ng	# 2
31) Chrysene	21.00	228	54	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	4609	0.088	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.50	276	6	0.000	ng	# 33
35) Benzo(b)fluoranthene	22.55	252	115	0.005	ng	# 1
36) Benzo(k)fluoranthene	22.55	252	115	0.004	ng	# 1
37) Benzo(a)pyrene	23.11	252	64	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	25.51	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.23	276	32	0.001	ng	# 1

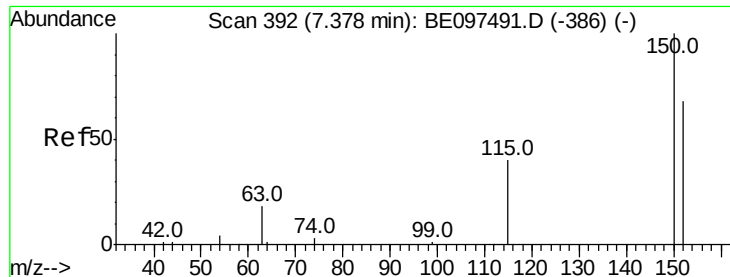
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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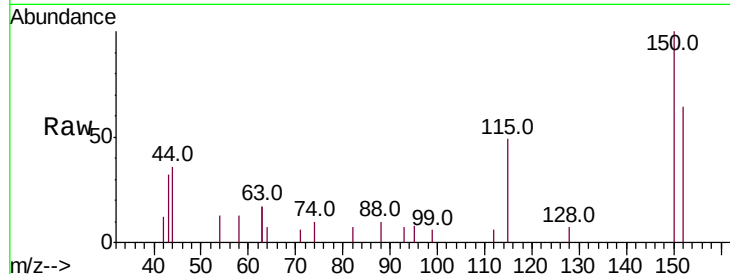


#1

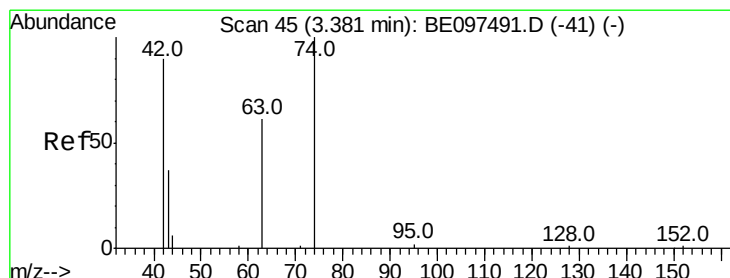
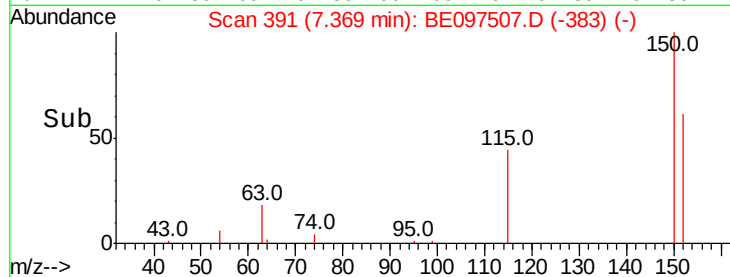
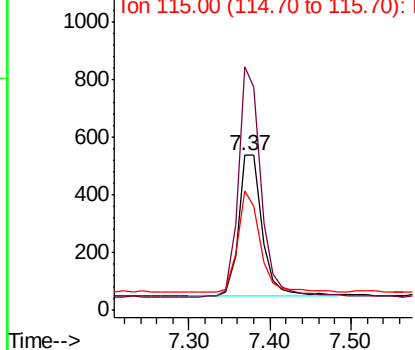
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Instrument :
BNA_E
ClientSampleId :
PR-MW-04-091218

Tot Ion:152 Resp: 989
Ion Ratio Lower Upper
152 100
150 157.2 117.2 175.8
115 77.1 57.0 85.6



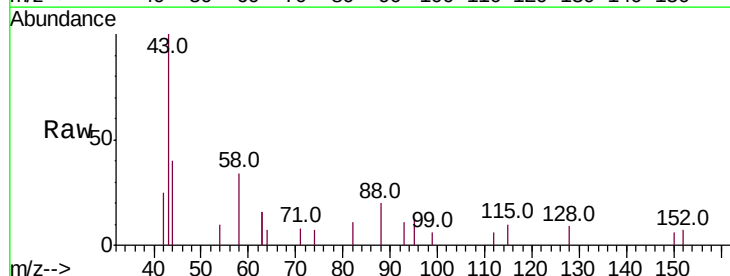
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



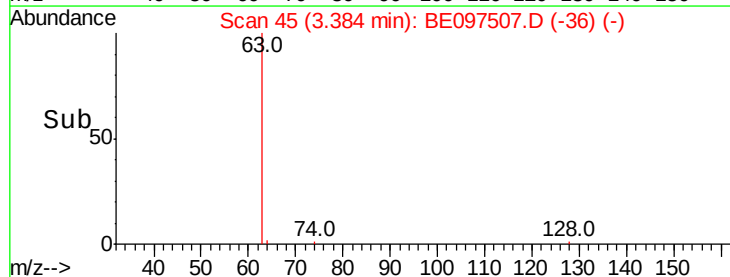
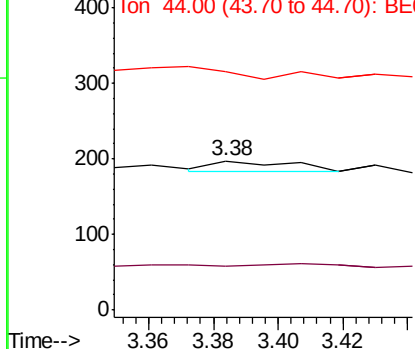
#3

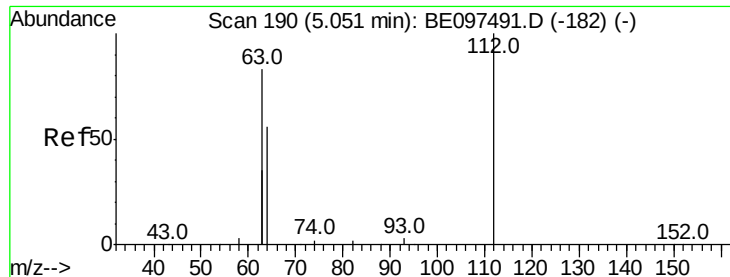
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Tgt Ion: 42 Resp: 21
Ion Ratio Lower Upper
42 100
74 38.1 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: 0.203 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

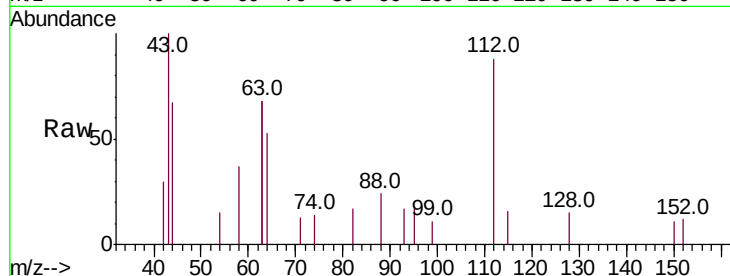
Tot Ion:112 Resp: 679

Ion Ratio Lower Upper

112 100

64 65.8 60.1 90.1

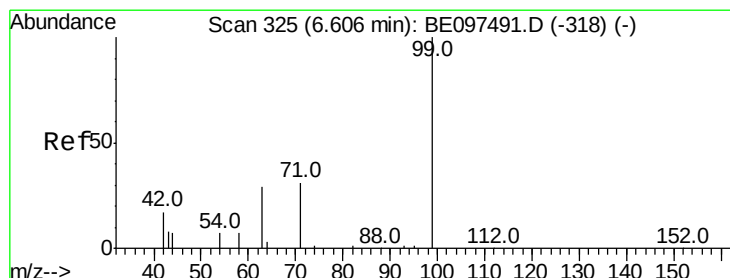
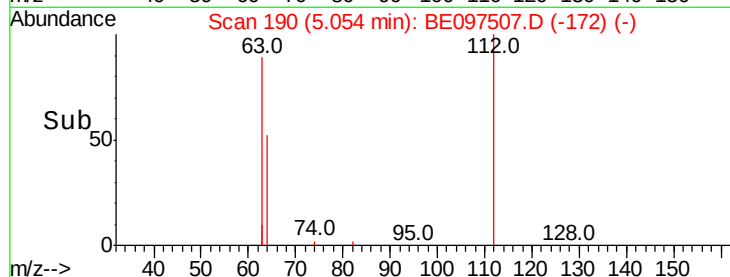
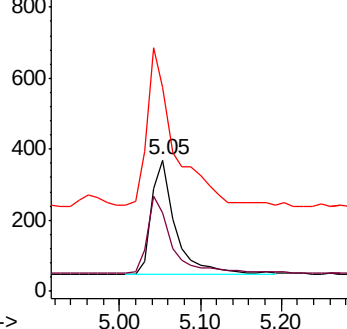
63 153.9 116.8 175.2



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: 0.122 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

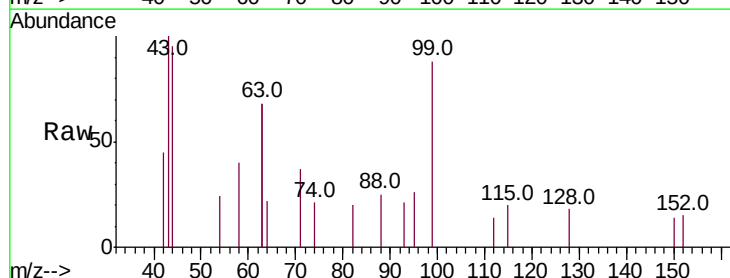
Tgt Ion: 99 Resp: 520

Ion Ratio Lower Upper

99 100

42 32.9 20.2 30.2#

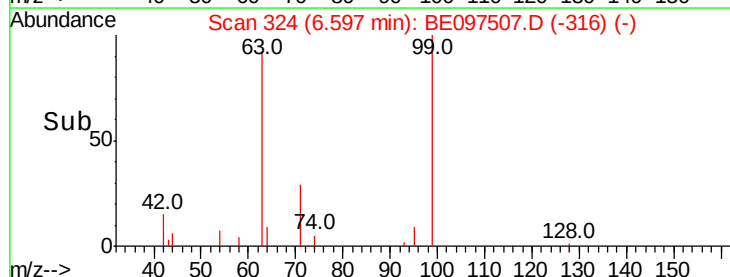
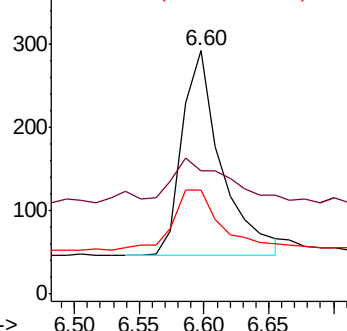
71 35.4 28.4 42.6

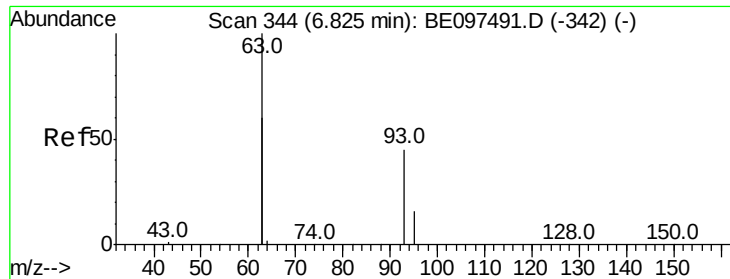


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 6.82 min Scan# 343

Delta R.T. -0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

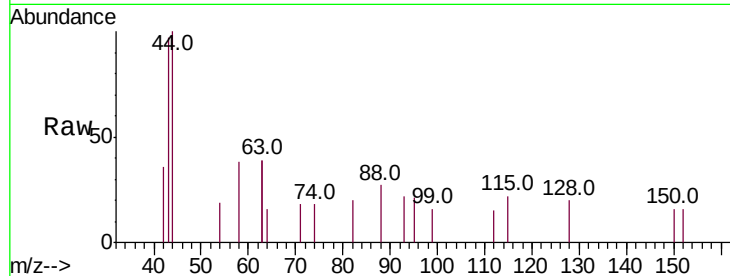
Tot Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

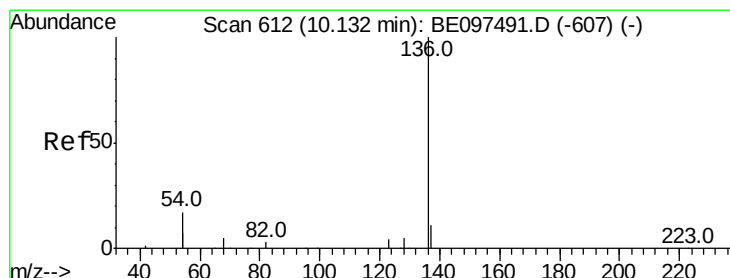
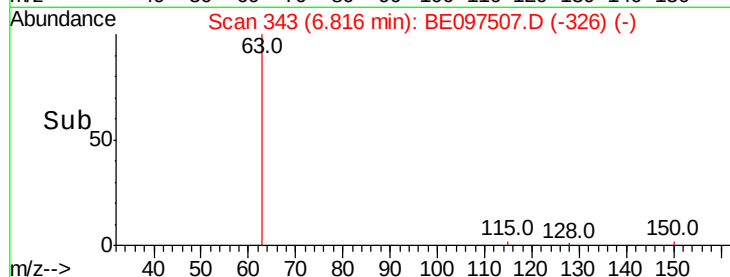
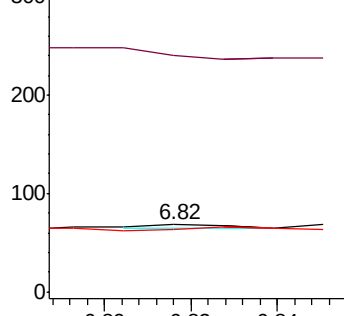
95 200.0 25.2 37.8#



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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Tgt Ion: 136 Resp: 4559

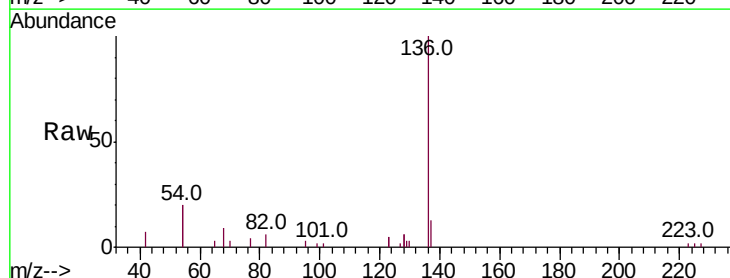
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 39.6 29.1 43.7

68 8.7 6.2 9.2

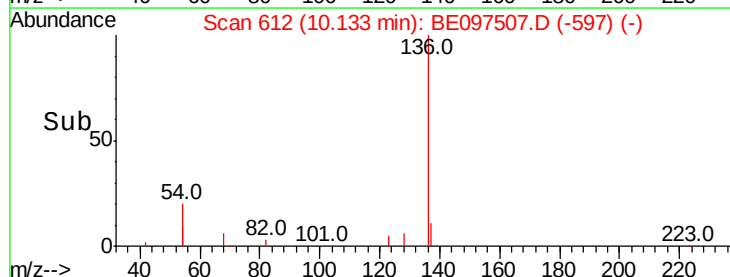
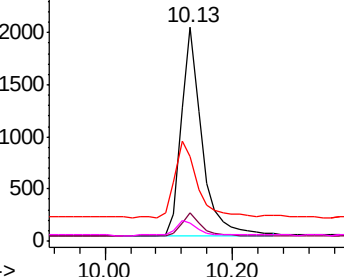


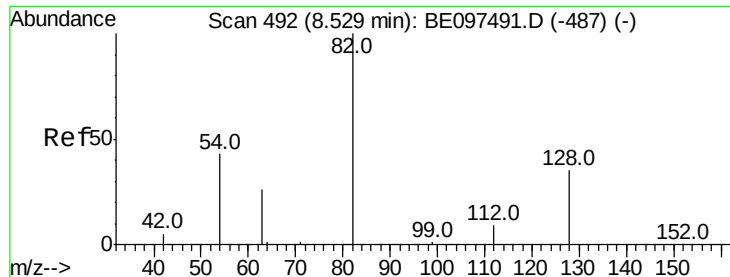
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.436 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

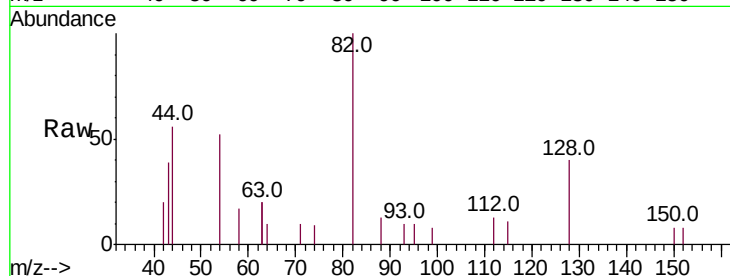
Tot Ion: 82 Resp: 1598

Ion Ratio Lower Upper

82 100

128 39.9 24.0 36.0#

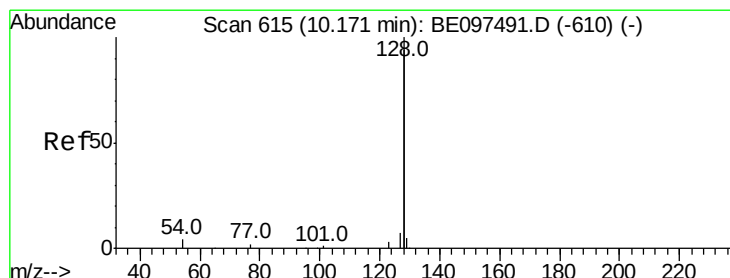
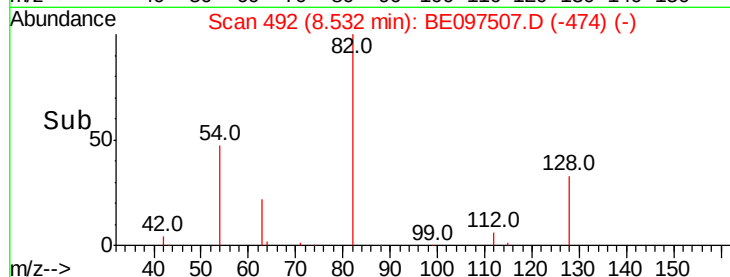
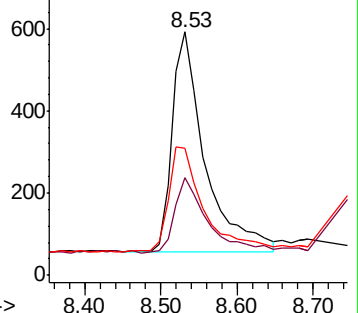
54 52.4 40.0 60.0



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: 0.015 ng

RT: 10.19 min Scan# 616

Delta R.T. 0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

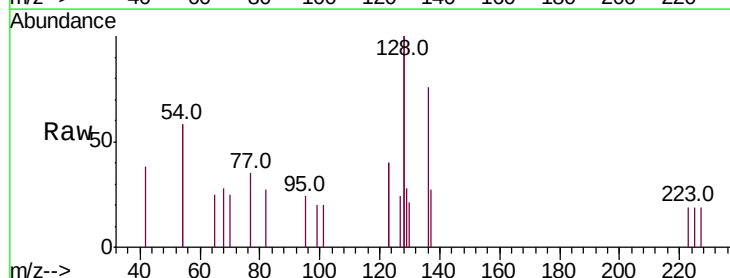
Tgt Ion: 128 Resp: 635

Ion Ratio Lower Upper

128 100

129 13.8 2.6 3.8#

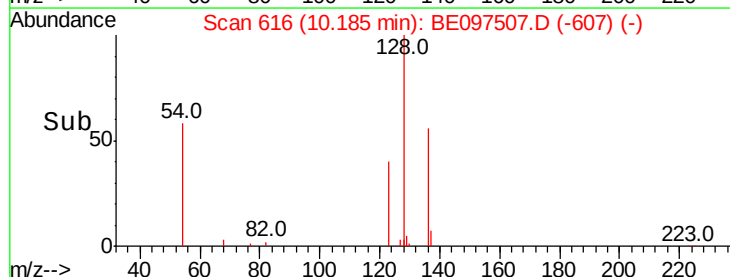
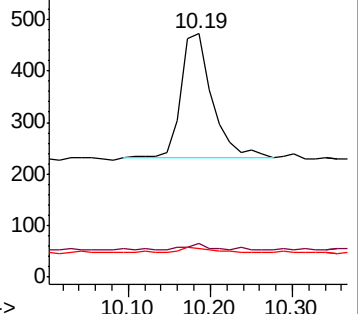
127 11.9 2.8 4.2#

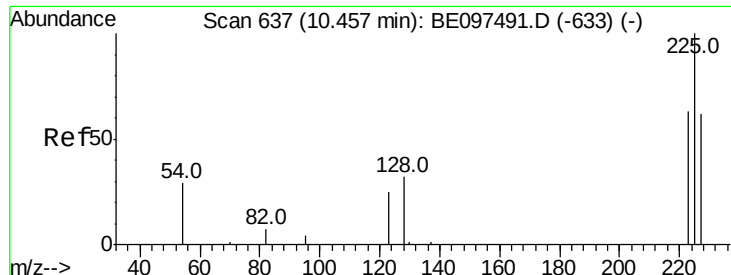


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

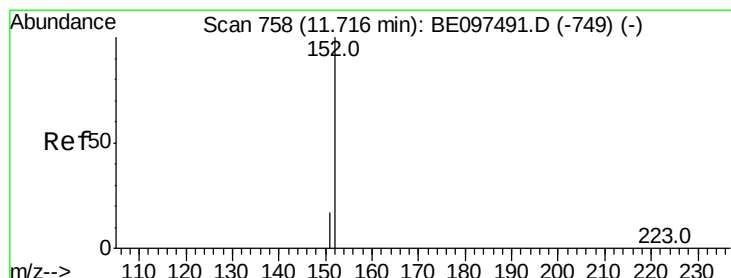
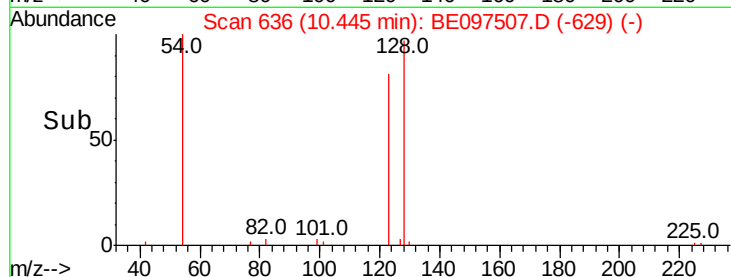
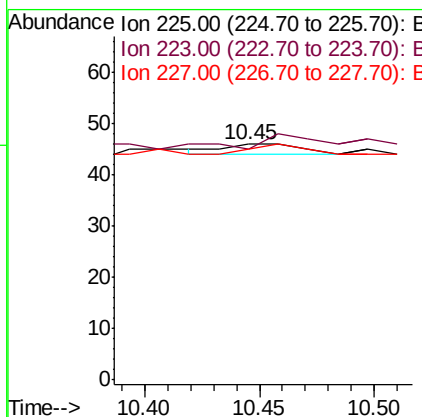
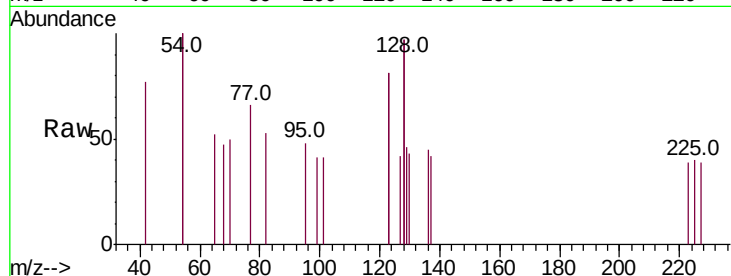




#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.45 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

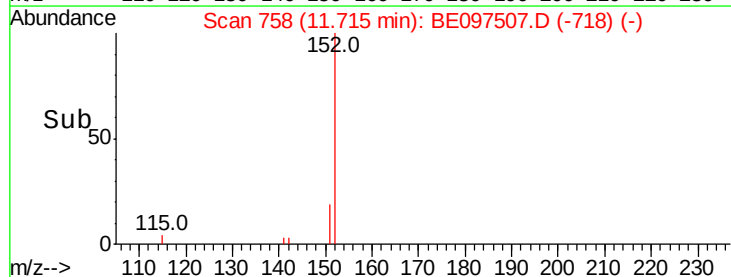
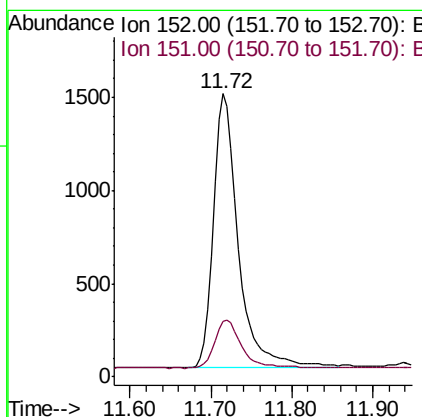
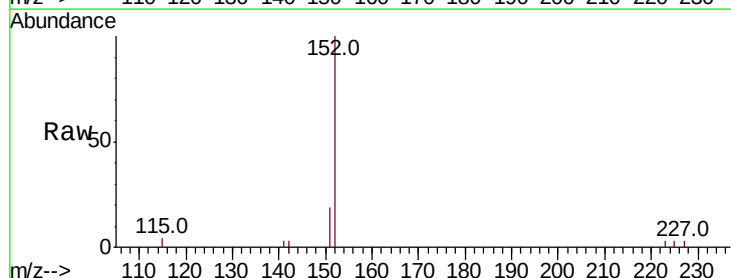
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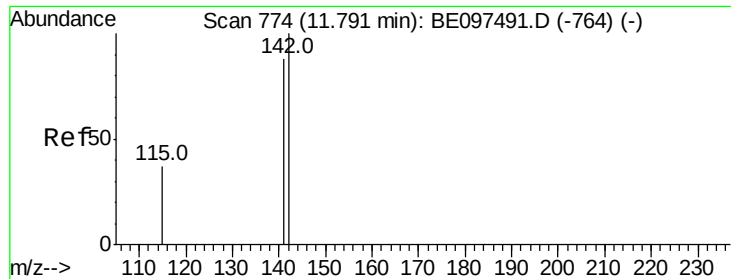
Tot Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 180.0 53.0 79.6#
227 60.0 51.4 77.2



#11
2-Methylnaphthalene-d10
Concen: 0.481 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Tgt Ion:152 Resp: 3131
Ion Ratio Lower Upper
152 100
151 18.4 15.4 23.0

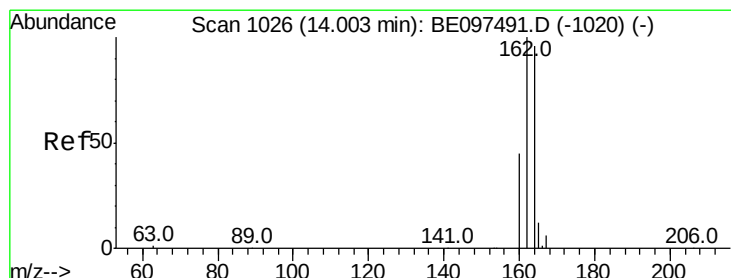
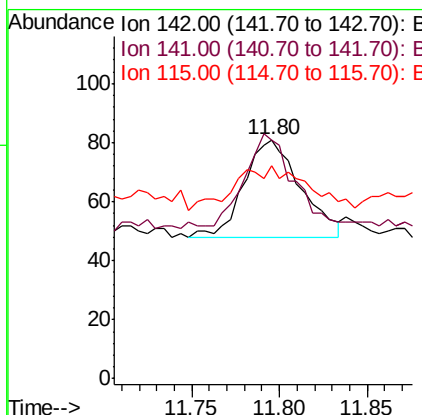
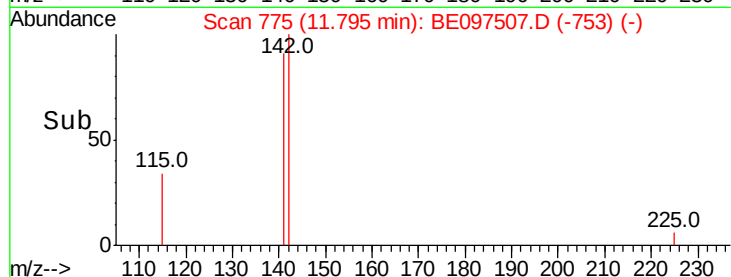
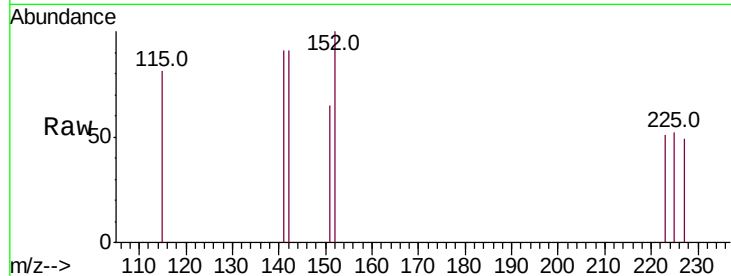




#12
2-Methylnaphthalene
Concen: 0.011 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

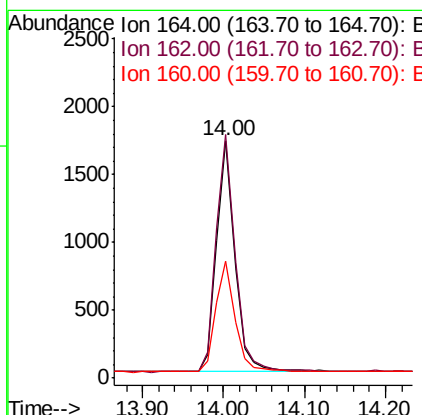
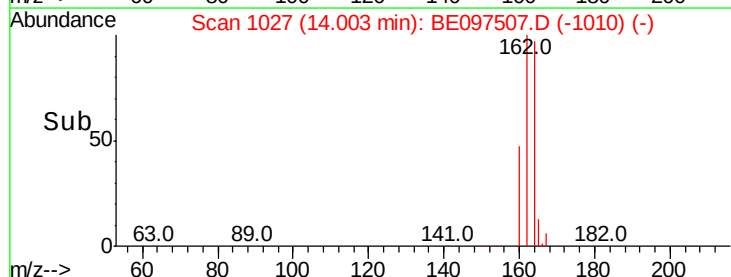
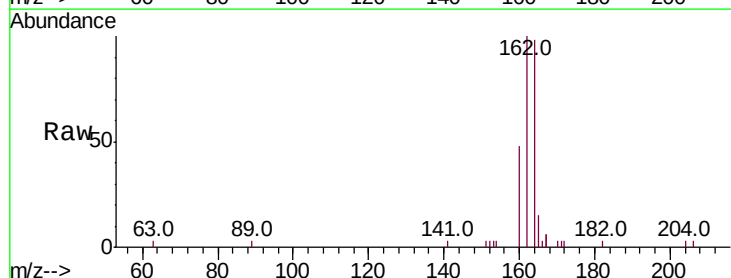
Instrument :
BNA_E
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PR-MW-04-091218

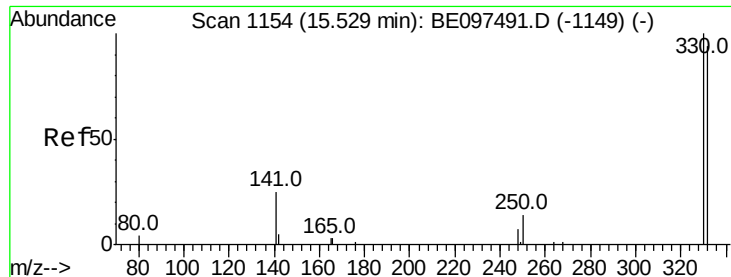
Tot Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
141 100.0 70.4 105.6
115 88.9 31.7 47.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Tgt Ion:164 Resp: 2694
Ion Ratio Lower Upper
164 100
162 102.5 83.1 124.7
160 49.3 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.444 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

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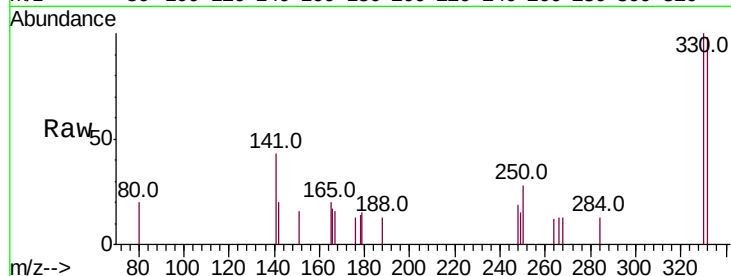
Tot Ion:330 Resp: 632

Ion Ratio Lower Upper

330 100

332 95.9 152.7 229.1#

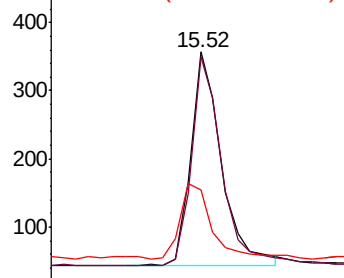
141 36.7 33.7 50.5



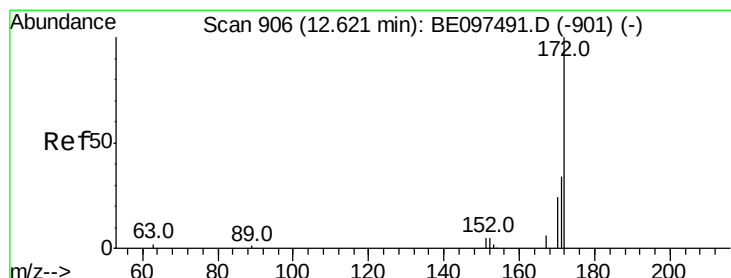
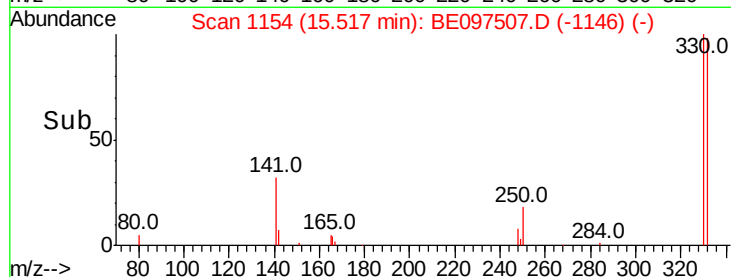
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.641 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

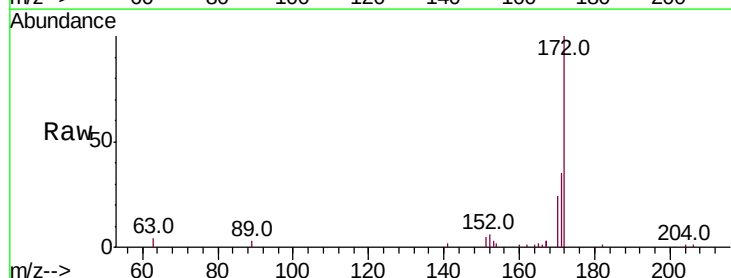
Tgt Ion:172 Resp: 6027

Ion Ratio Lower Upper

172 100

171 35.1 29.9 44.9

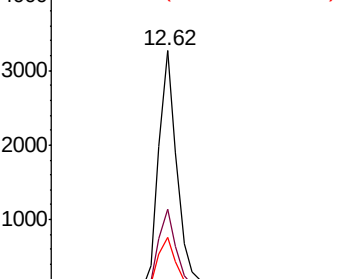
170 23.6 21.8 32.8



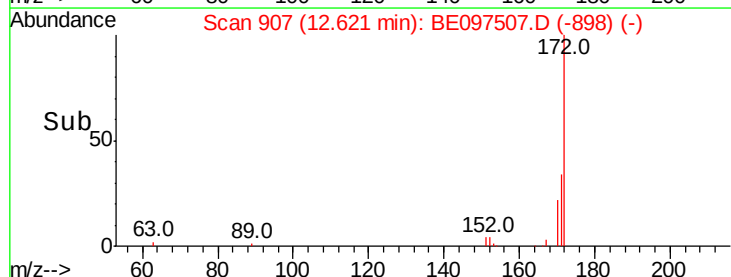
Abundance Ion 172.00 (171.70 to 172.70): E

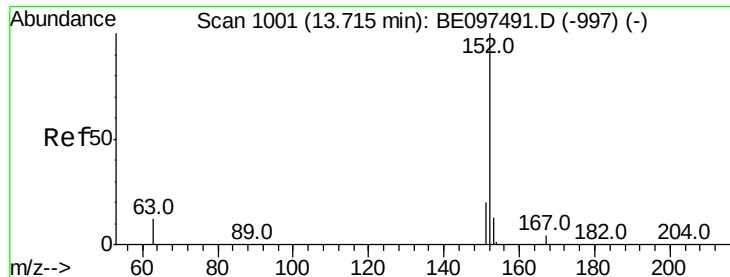
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#16

Acenaphthylene

Concen: 0.001 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

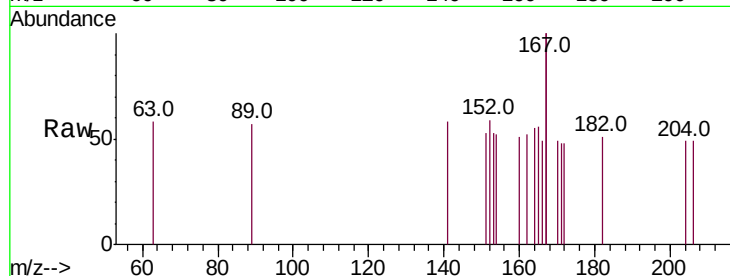
Tot Ion:152 Resp: 13

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

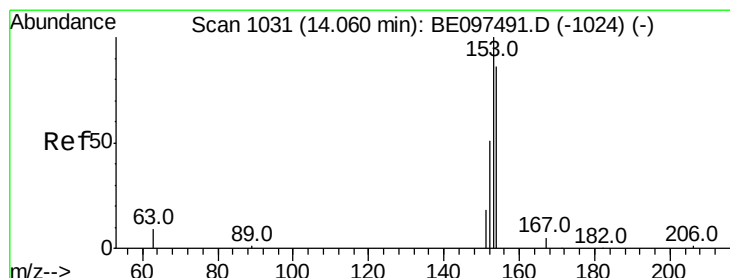
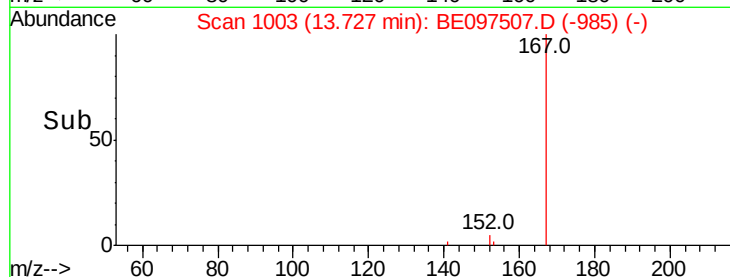
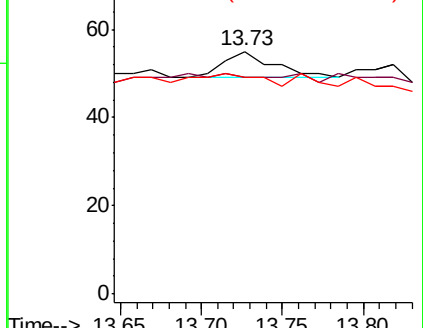
153 61.5 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.002 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

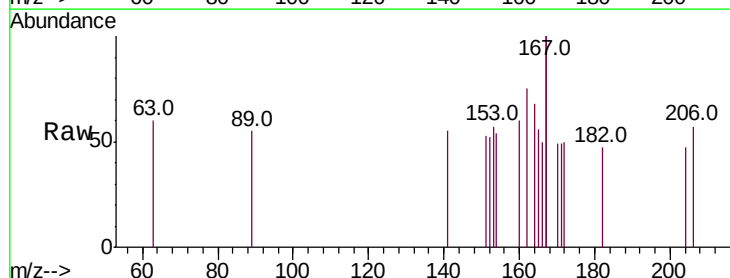
Tgt Ion:154 Resp: 12

Ion Ratio Lower Upper

154 100

153 216.7 89.2 133.8#

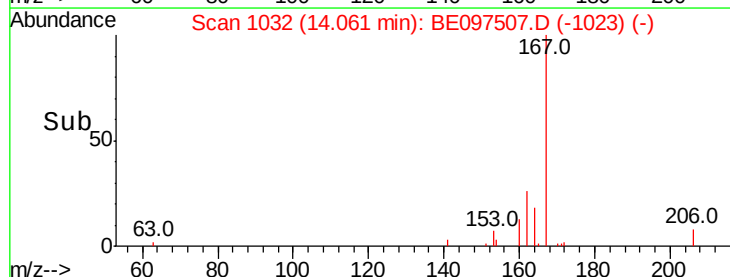
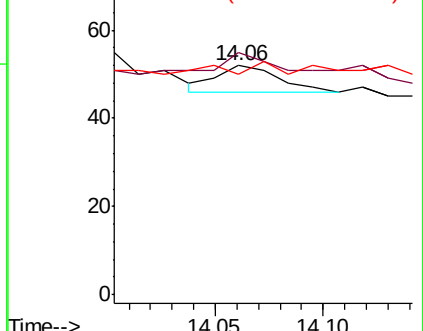
152 16.7 42.0 63.0#

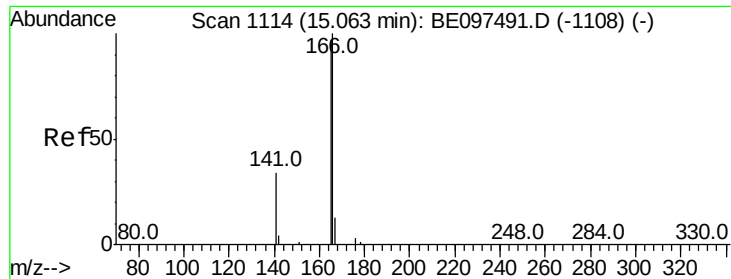


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.004 ng

RT: 15.07 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

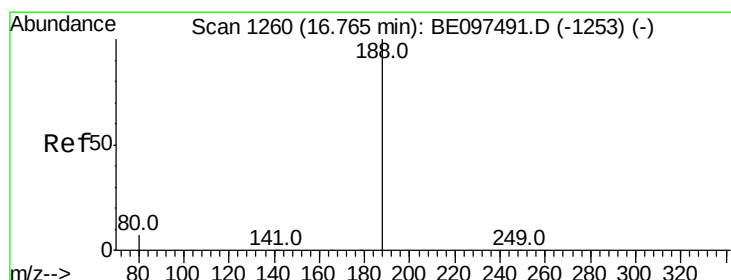
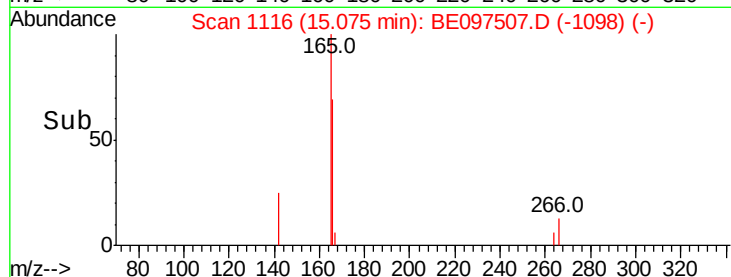
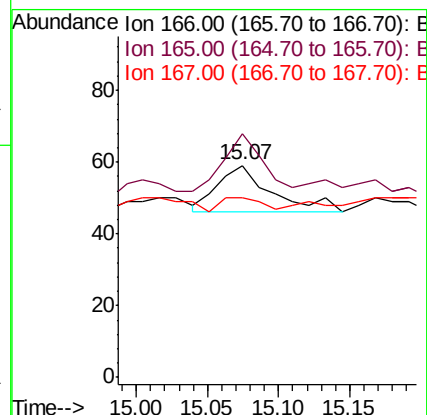
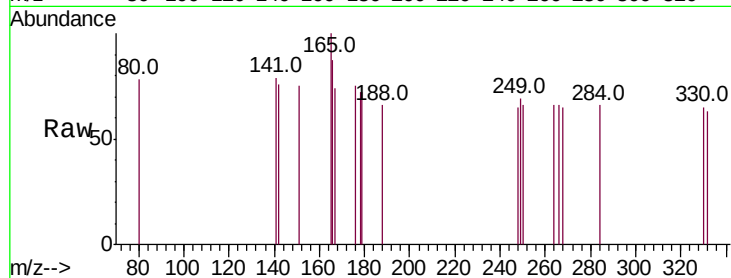
Tot Ion:166 Resp: 34

Ion Ratio Lower Upper

166 100

165 85.3 77.8 116.6

167 23.5 42.4 63.6#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

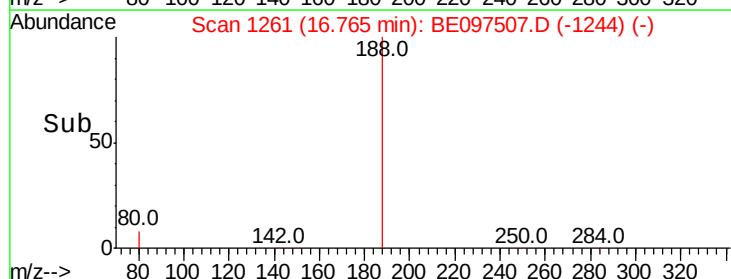
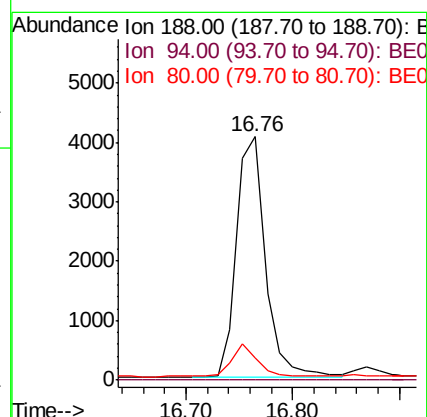
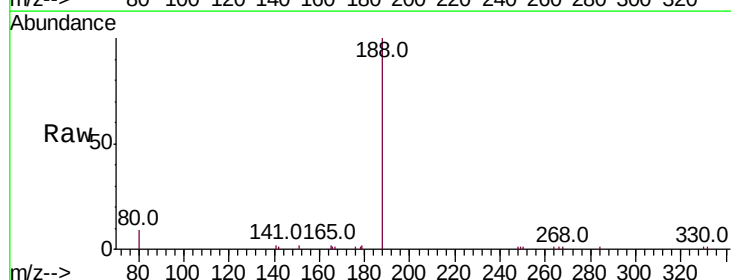
Tgt Ion:188 Resp: 7578

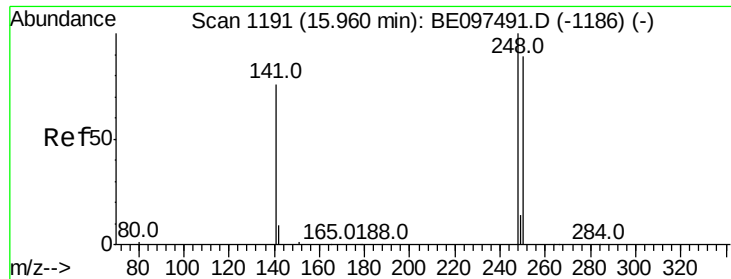
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.2 3.6 5.4#

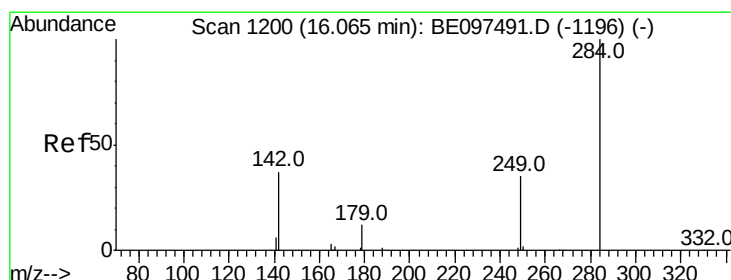
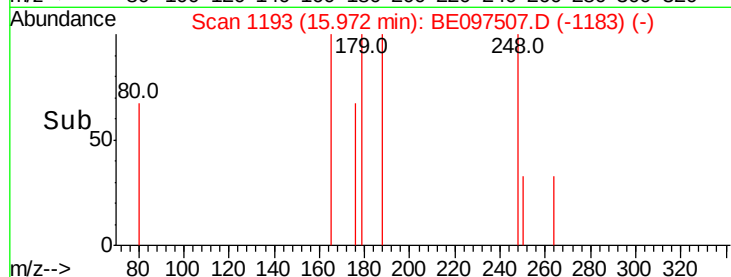
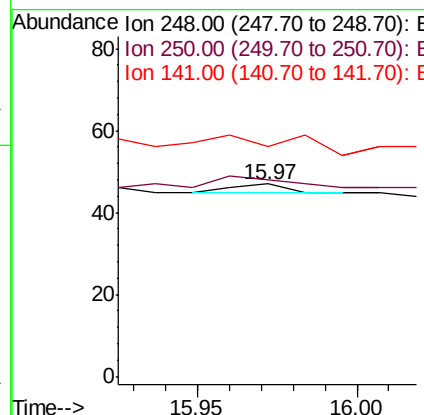
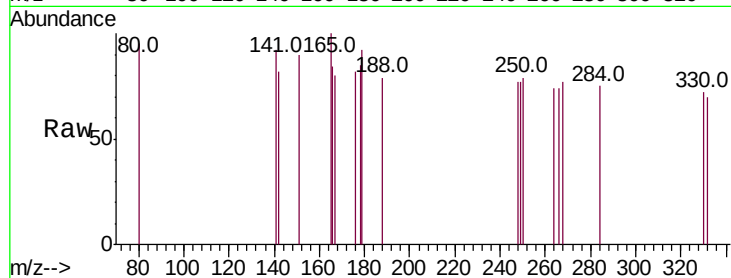




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

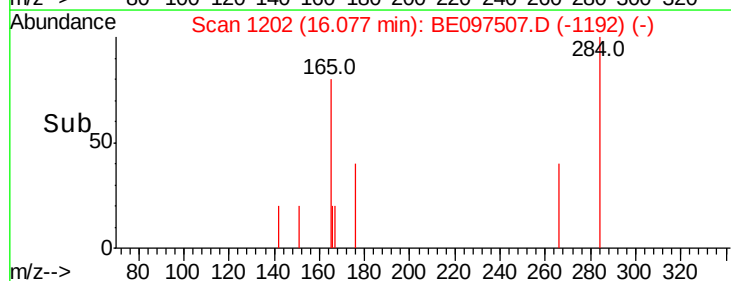
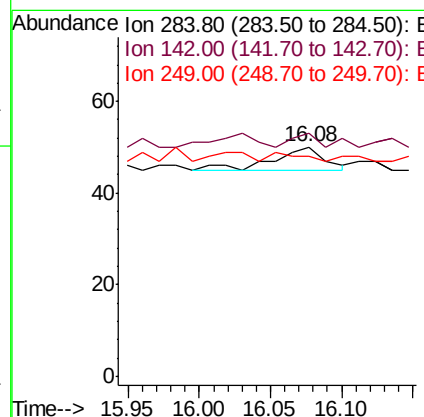
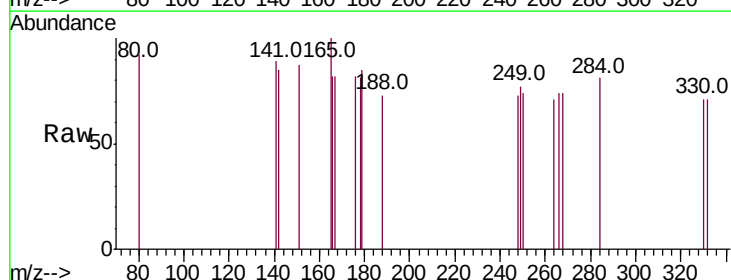
Instrument :
BNA_E
ClientSampleId :
PR-MW-04-091218

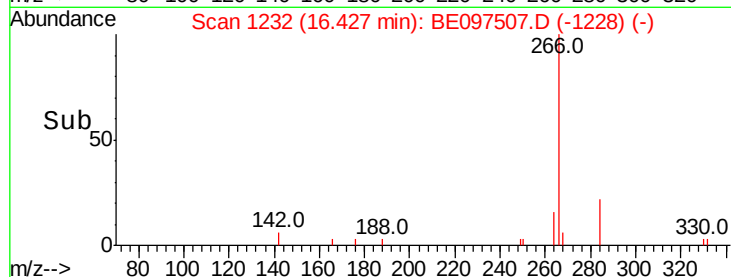
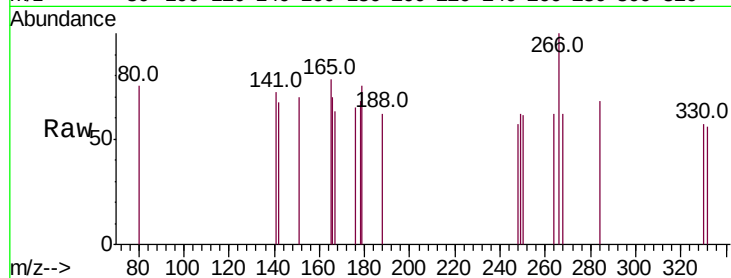
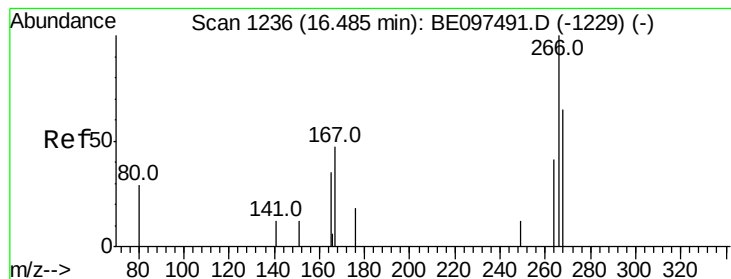
Tot Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 102.1 62.7 94.1#
141 119.1 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Tgt Ion:284 Resp: 13
Ion Ratio Lower Upper
284 100
142 38.5 22.1 33.1#
249 0.0 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.173 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.06 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

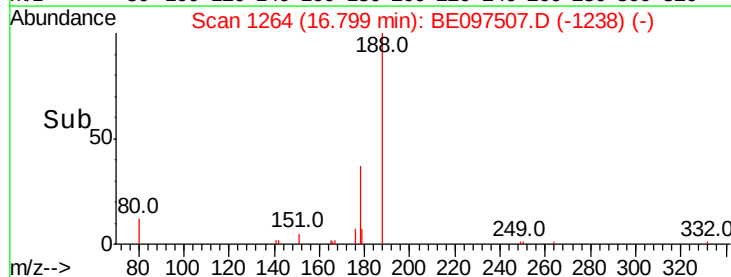
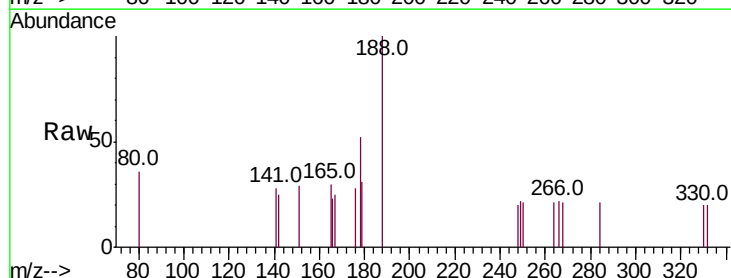
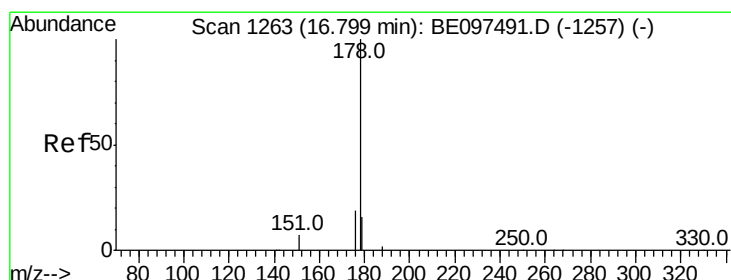
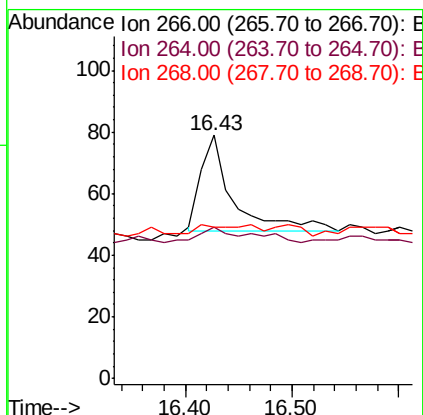
Tot Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

264 62.0 72.5 108.7#

268 62.0 73.8 110.6#



#23

Phenanthrene

Concen: 0.007 ng

RT: 16.80 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

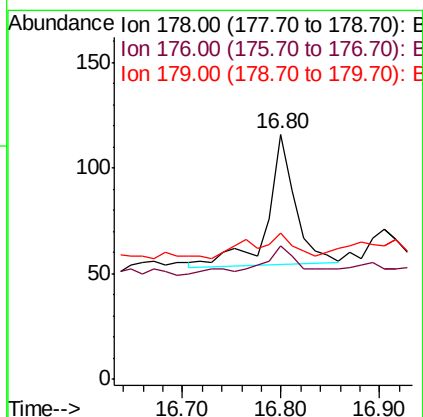
Tgt Ion:178 Resp: 121

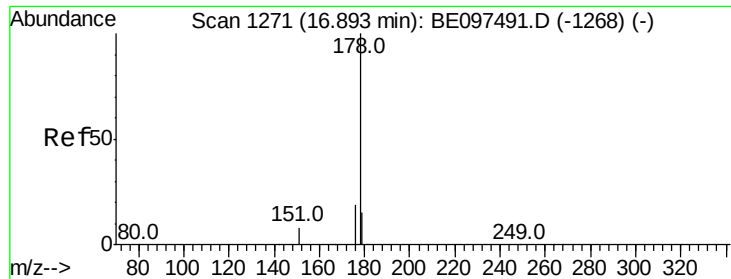
Ion Ratio Lower Upper

178 100

176 31.4 15.1 22.7#

179 14.0 11.8 17.6





#24

Anthracene

Concen: 0.002 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

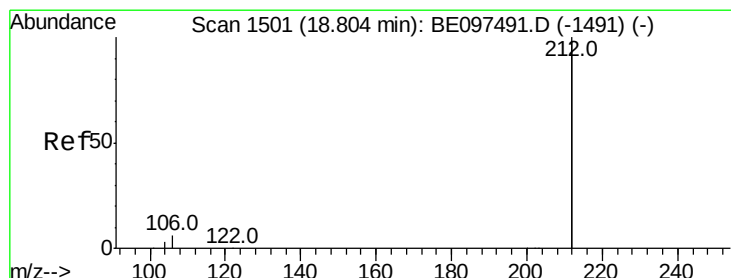
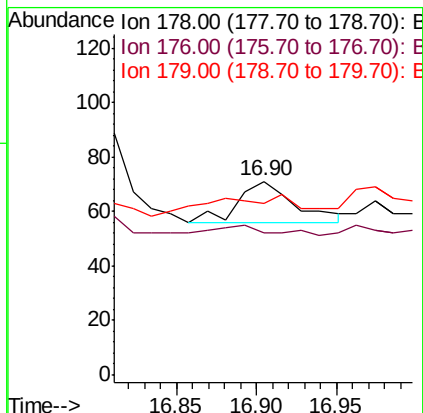
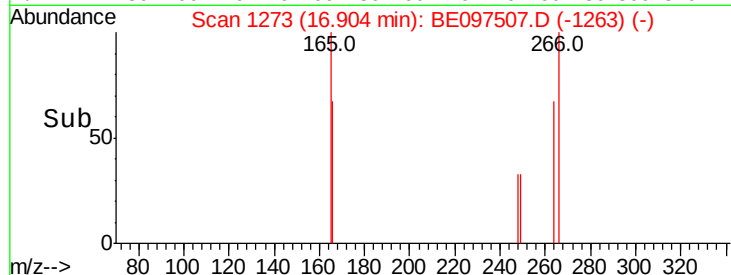
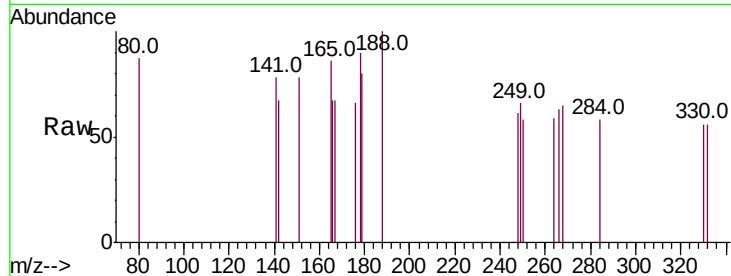
Tot Ion:178 Resp: 36

Ion Ratio Lower Upper

178 100

176 27.8 12.8 19.2#

179 0.0 13.0 19.6#



#25

Fluoranthene-d10

Concen: 0.528 ng

RT: 18.80 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

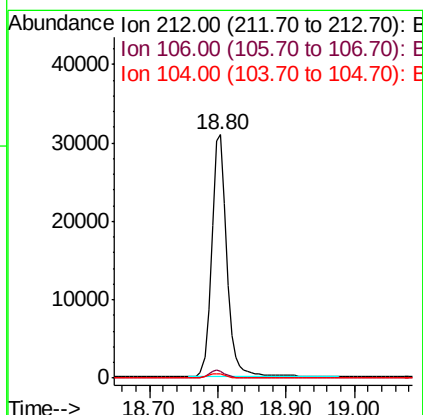
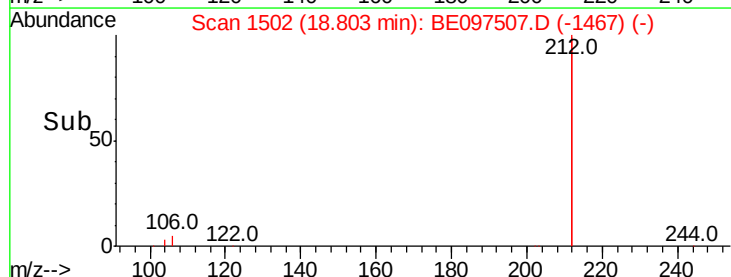
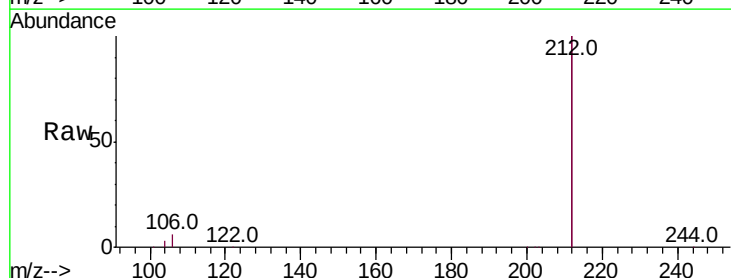
Tgt Ion:212 Resp: 48093

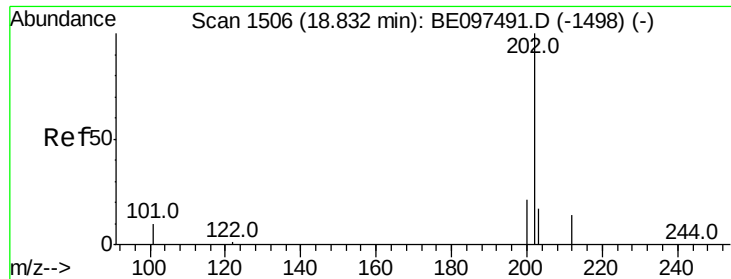
Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

104 1.7 1.6 2.4

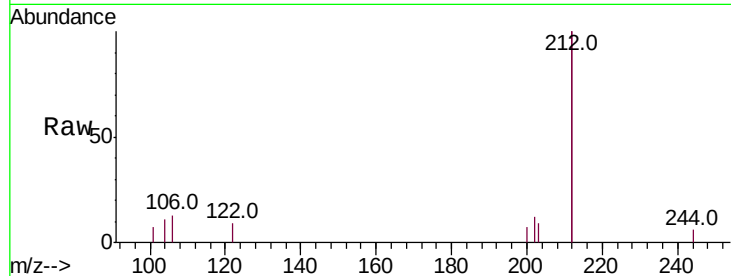




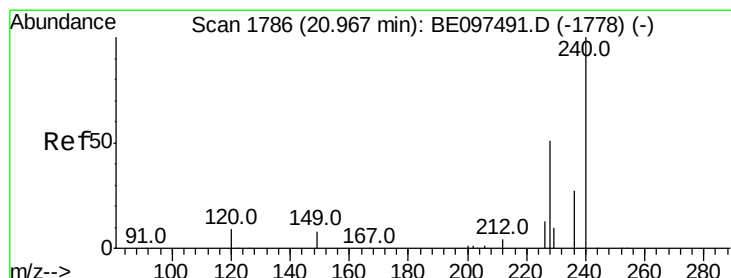
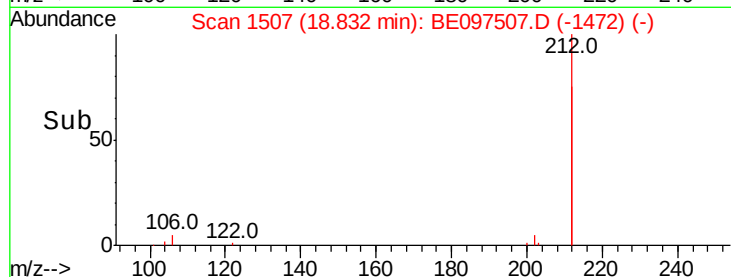
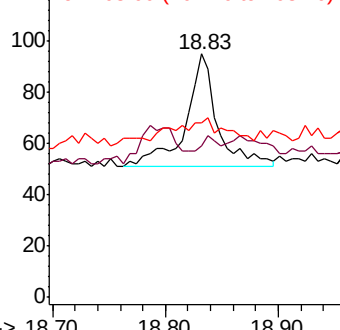
#26
Fluoranthene
Concen: 0.004 ng
RT: 18.83 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Instrument :
BNA_E
ClientSampleId :
PR-MW-04-091218

Tot Ion:202 Resp: 86
Ion Ratio Lower Upper
202 100
101 10.5 9.8 14.8
203 17.4 13.7 20.5

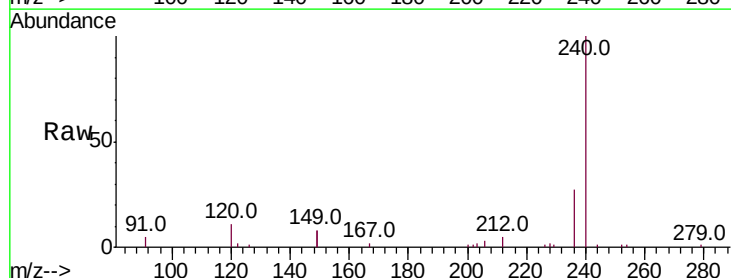


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

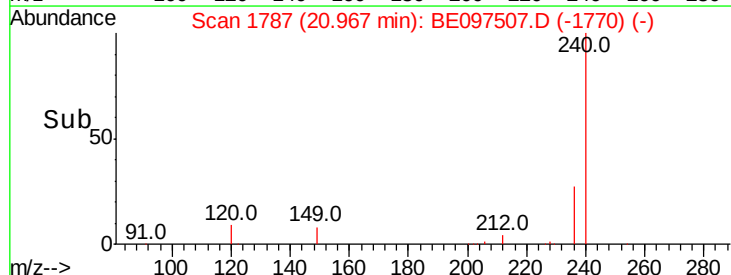
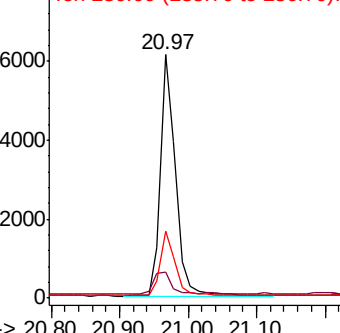


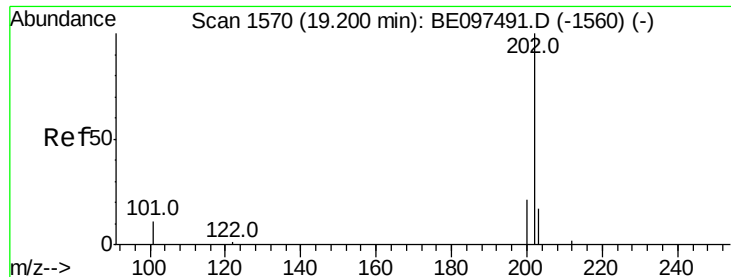
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Tgt Ion:240 Resp: 9321
Ion Ratio Lower Upper
240 100
120 10.7 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





#28

Pvrene

Concen: 0.003 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

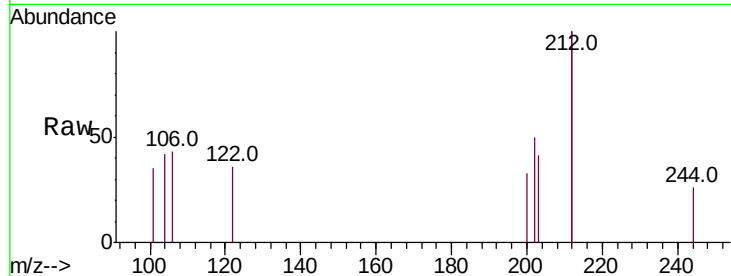
Tot Ion:202 Resp: 68

Ion Ratio Lower Upper

202 100

200 30.9 16.6 25.0#

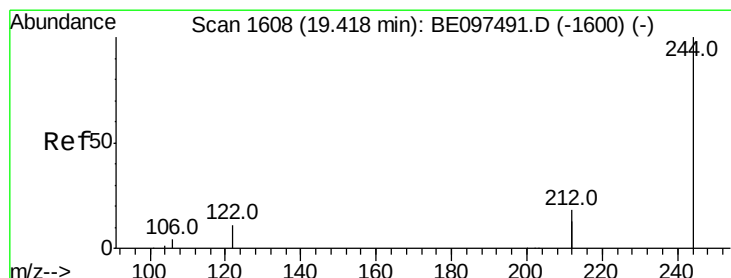
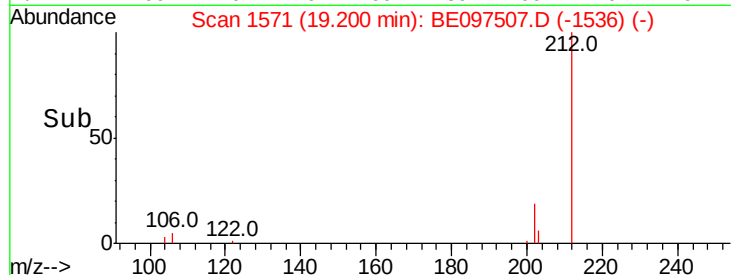
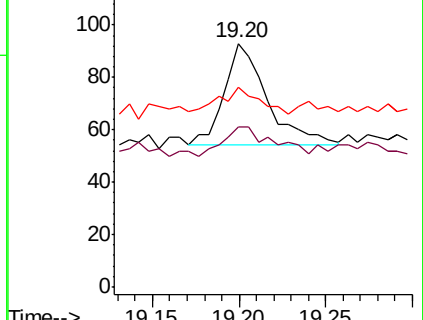
203 23.5 13.8 20.8#



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



#29

Terphenyl-d14

Concen: 0.487 ng

RT: 19.42 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

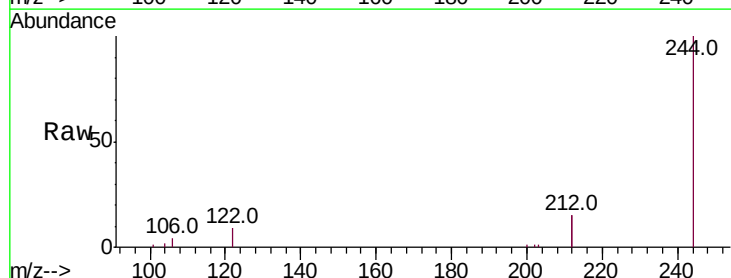
Tgt Ion:244 Resp: 8677

Ion Ratio Lower Upper

244 100

212 30.5 25.4 38.0

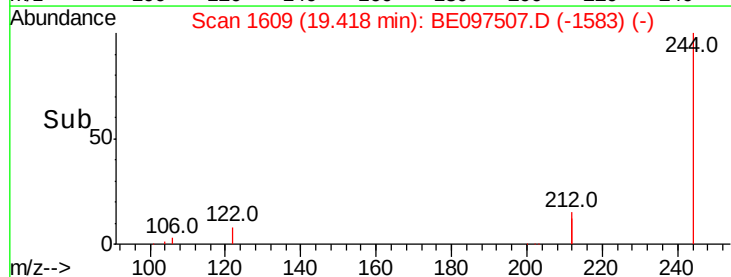
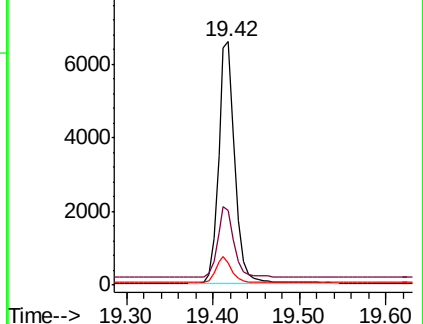
122 9.3 8.1 12.1

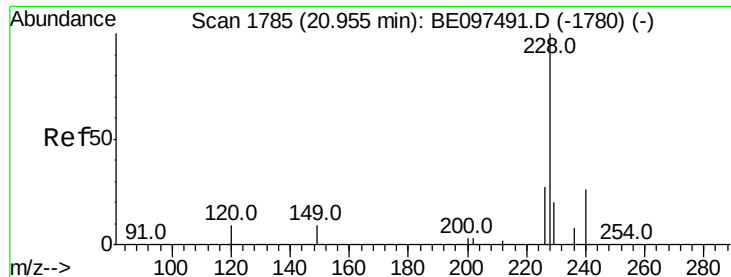


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.004 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

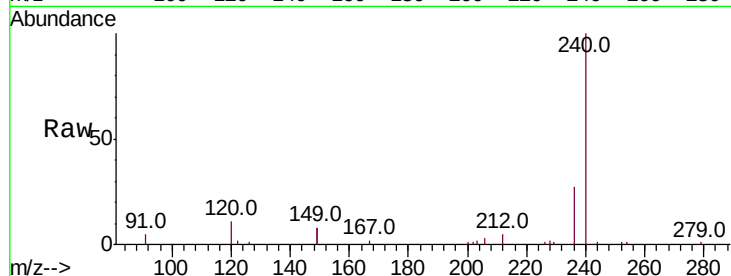
Tot Ion:228 Resp: 97

Ion Ratio Lower Upper

228 100

226 70.0 24.0 36.0#

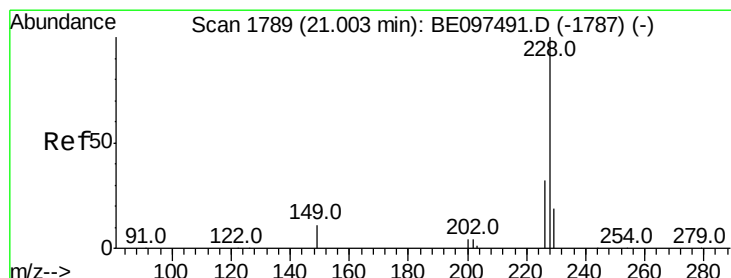
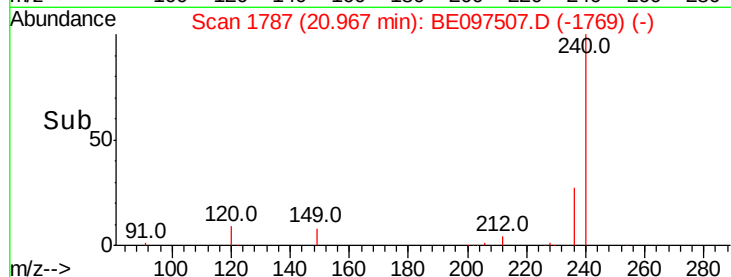
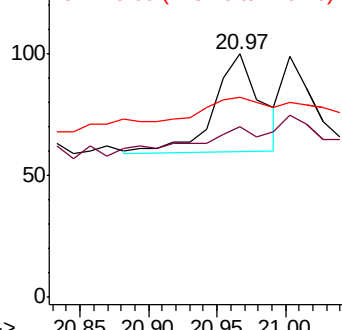
229 82.0 16.0 24.0#



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: 0.002 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

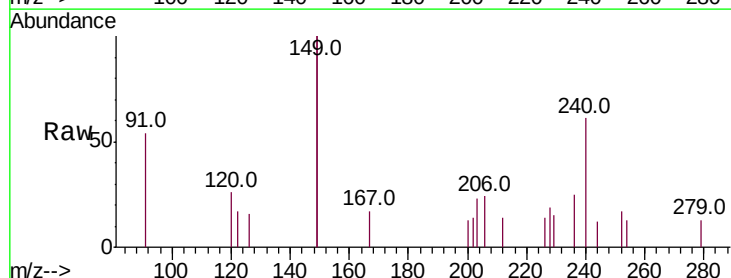
Tgt Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 75.8 24.0 36.0#

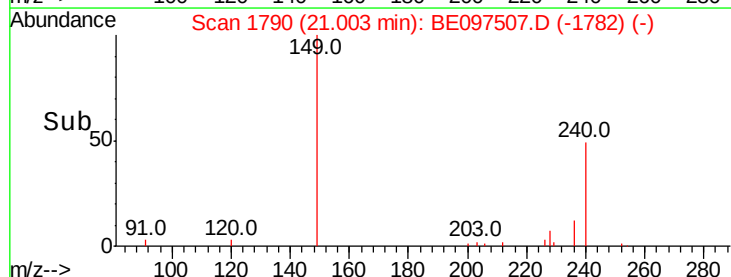
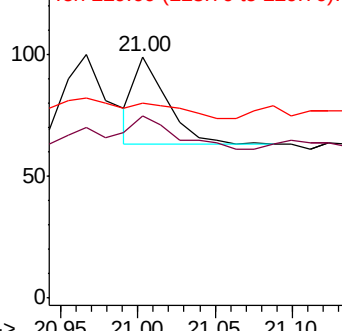
229 80.8 16.0 24.0#

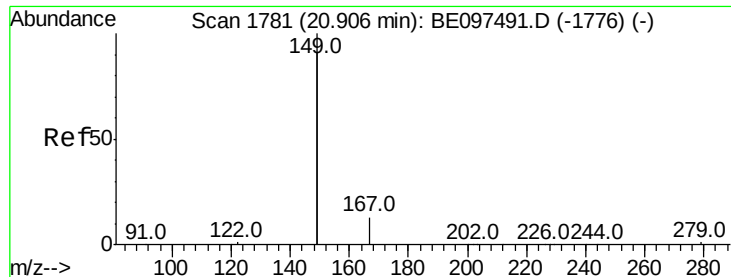


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.088 ng

RT: 20.91 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

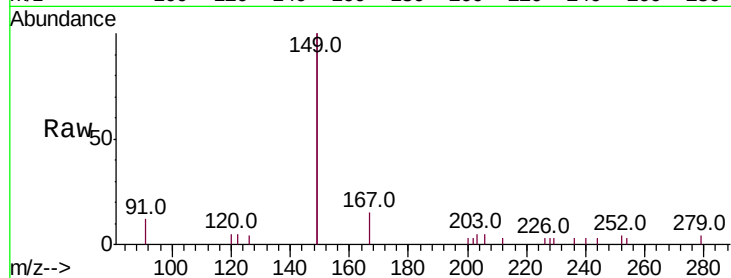
Tot Ion:149 Resp: 4609

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

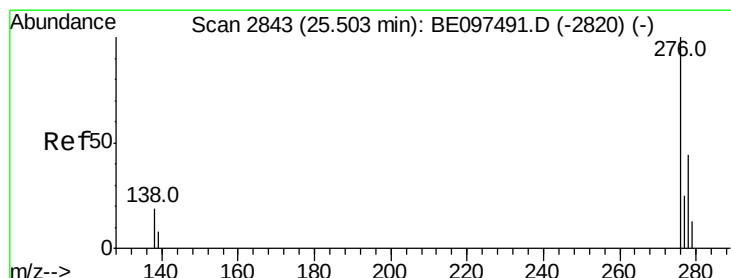
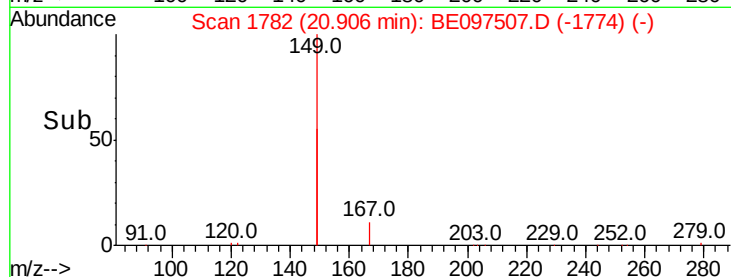
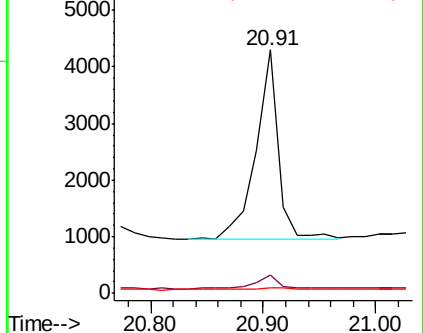
279 1.4 0.7 1.1#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 25.50 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

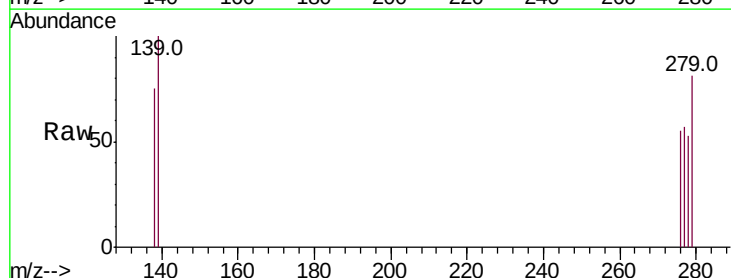
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

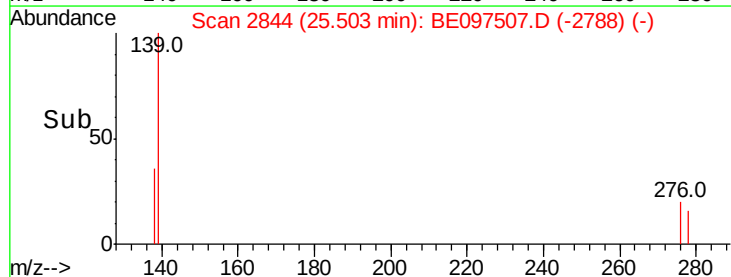
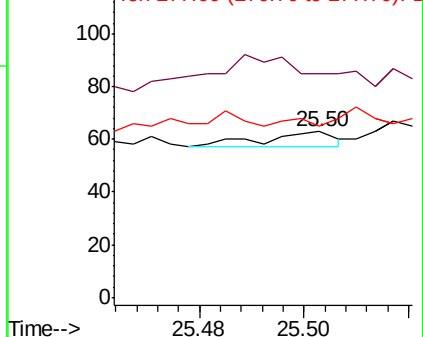
277 66.7 19.9 29.9#

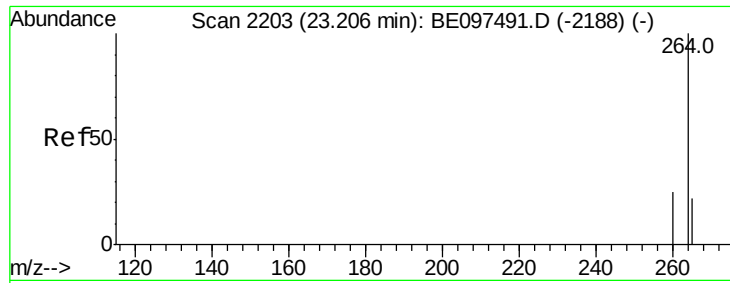


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

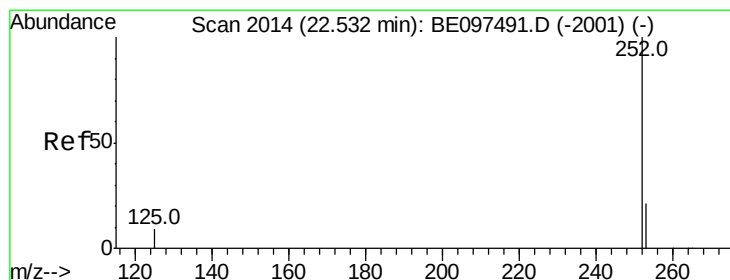
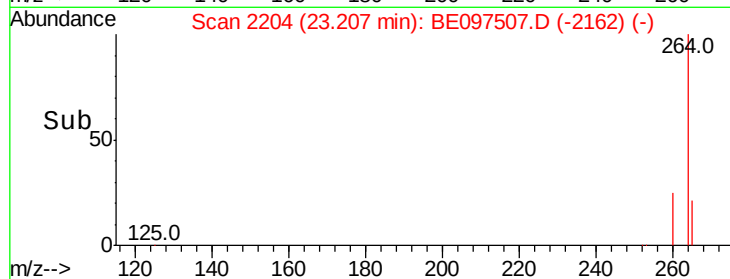
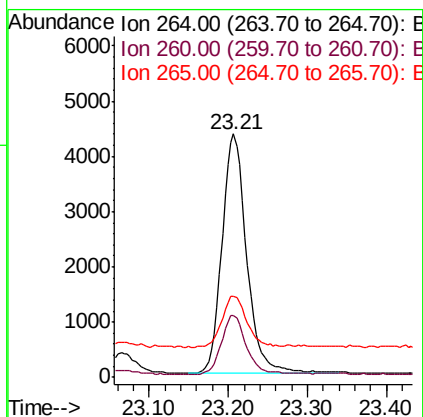
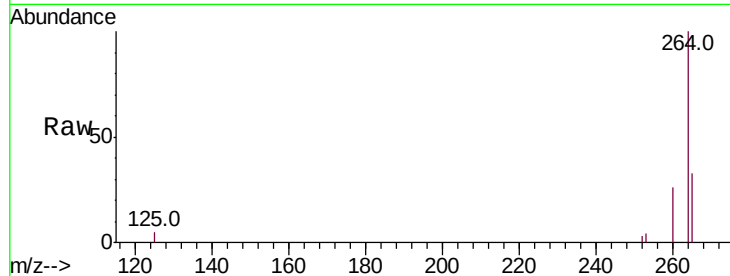




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

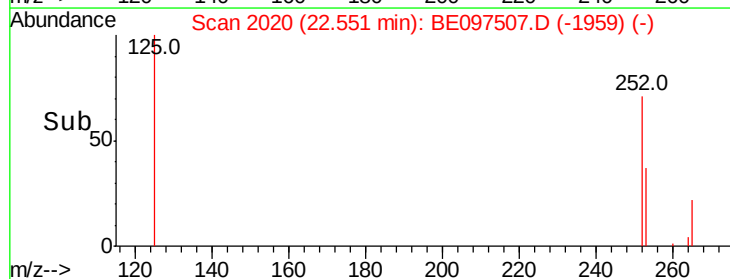
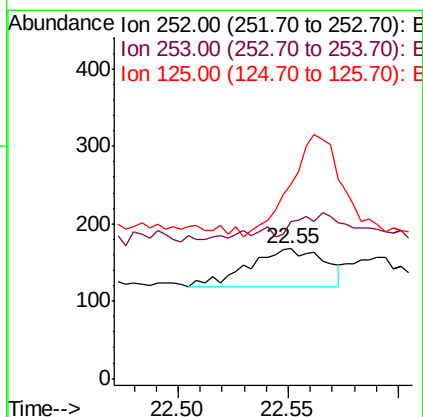
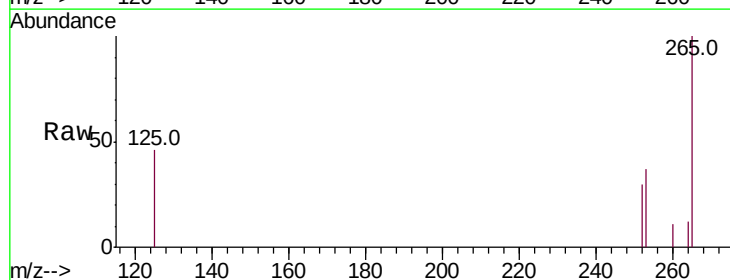
Instrument :
BNA_E
ClientSampleId :
PR-MW-04-091218

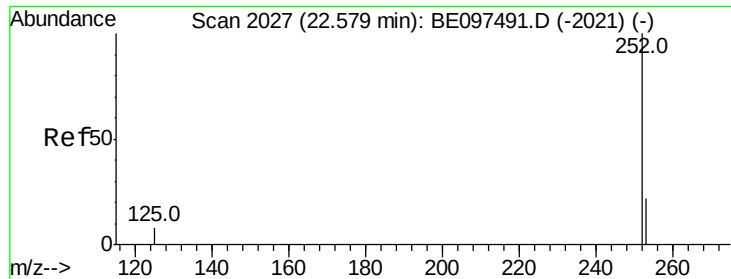
Tot Ion:264 Resp: 9382
Ion Ratio Lower Upper
264 100
260 25.6 20.5 30.7
265 33.2 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 22.55 min Scan# 2020
Delta R.T. 0.02 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Tgt Ion:252 Resp: 115
Ion Ratio Lower Upper
252 100
253 120.8 20.0 30.0#
125 149.4 16.0 24.0#

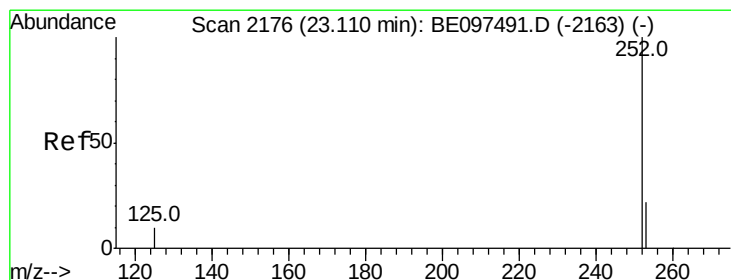
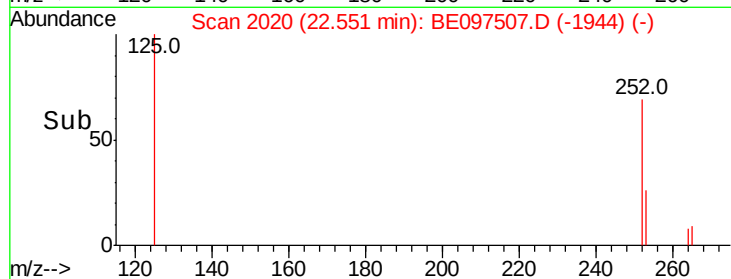
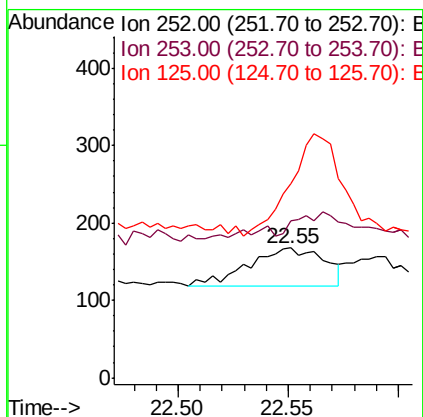
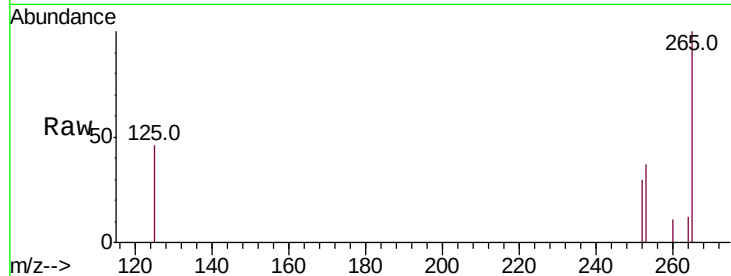




#36
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 22.55 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

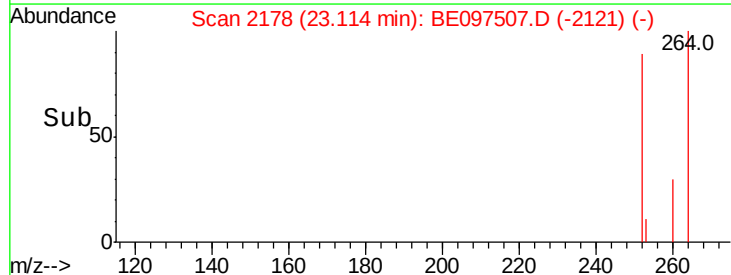
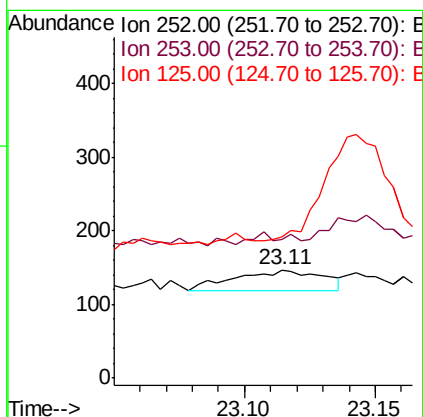
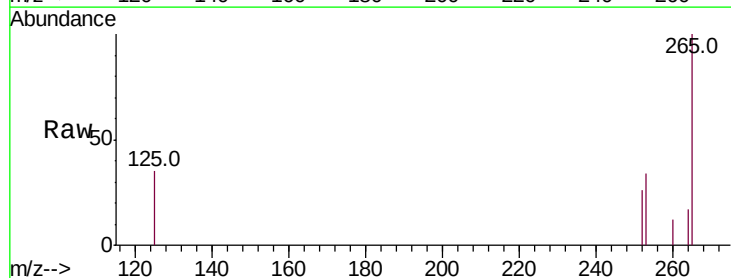
Instrument :
BNA_E
ClientSampleId :
PR-MW-04-091218

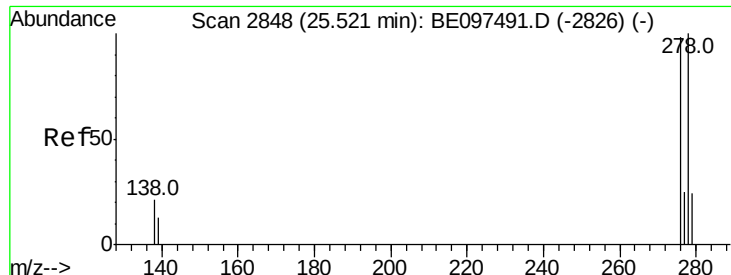
Tot Ion:252 Resp: 115
Ion Ratio Lower Upper
252 100
253 120.8 16.0 24.0#
125 149.4 8.0 12.0#



#37
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.11 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE097507.D
Acq: 17 Sep 2018 22:07

Tgt Ion:252 Resp: 64
Ion Ratio Lower Upper
252 100
253 127.9 16.0 24.0#
125 130.6 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-091218

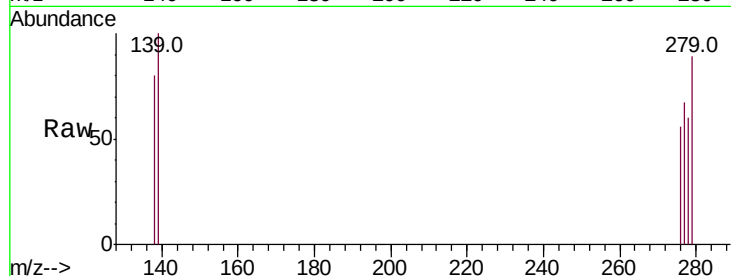
Tot Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 167.2 16.0 24.0#

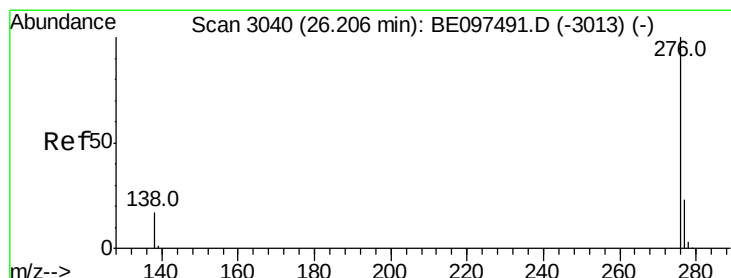
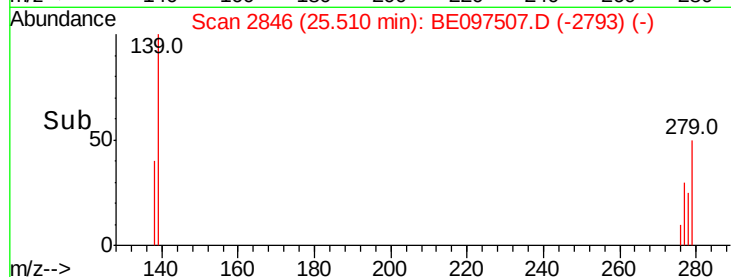
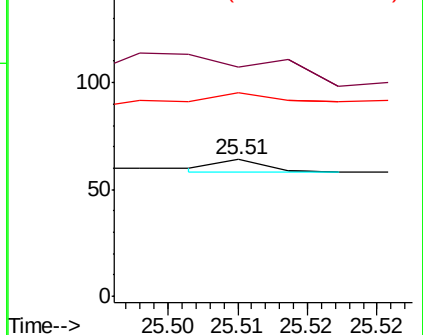
279 148.4 20.0 30.0#



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: 0.001 ng

RT: 26.23 min Scan# 3048

Delta R.T. 0.02 min

Lab File: BE097507.D

Acq: 17 Sep 2018 22:07

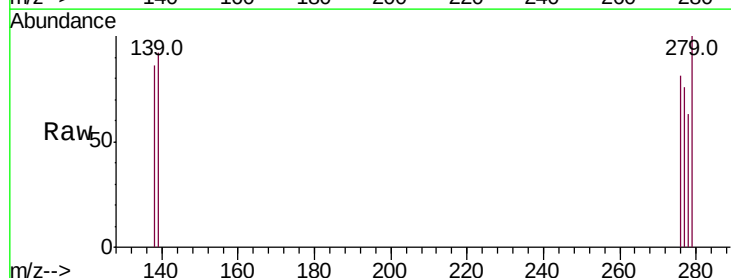
Tgt Ion:276 Resp: 32

Ion Ratio Lower Upper

276 100

277 93.2 16.0 24.0#

138 105.5 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

