

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

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

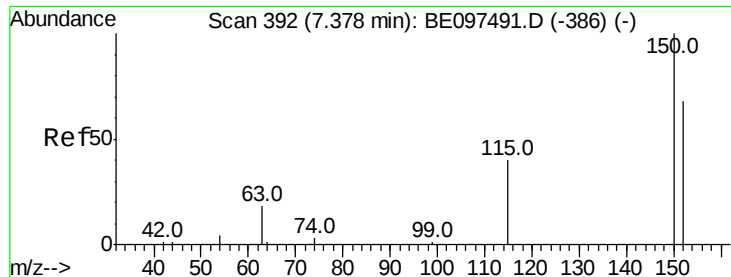
Quant Time: Sep 18 05:52:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	951	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4555	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2675	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7466	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9049	0.40	ng	0.00
34) Perylene-d12	23.20	264	8983	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	645	0.20	ng	0.00
5) Phenol-d6	6.60	99	517	0.13	ng	0.00
8) Nitrobenzene-d5	8.52	82	1577	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.71	152	3158	0.49	ng	-0.01
14) 2,4,6-Tribromophenol	15.52	330	579	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5542	0.59	ng	0.00
25) Fluoranthene-d10	18.80	212	46159	0.51	ng	0.00
29) Terphenyl-d14	19.41	244	10304	0.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.36	42	48	0.035	ng	# 8
6) bis(2-Chloroethyl)ether	6.85	93	13	0.004	ng	# 1
9) Naphthalene	10.17	128	4557	0.110	ng	# 88
10) Hexachlorobutadiene	10.48	225	1	0.001	ng	# 1
12) 2-Methylnaphthalene	11.78	142	12431	1.879	ng	98
16) Acenaphthylene	13.73	152	146	0.013	ng	# 1
17) Acenaphthene	14.06	154	151	0.021	ng	83
18) Fluorene	15.06	166	534	0.058	ng	# 77
20) 4-Bromophenyl-phenylether	15.99	248	4	0.001	ng	# 31
21) Hexachlorobenzene	16.08	284	2	0.001	ng	# 1
22) Pentachlorophenol	16.43	266	31	0.107	ng	87
23) Phenanthrene	16.80	178	408	0.023	ng	# 82
24) Anthracene	16.91	178	40	0.002	ng	# 44
26) Fluoranthene	18.83	202	69	0.003	ng	# 83
28) Pyrene	19.20	202	111	0.005	ng	# 91
30) Benzo(a)anthracene	20.97	228	81	0.003	ng	# 4
31) Chrysene	21.00	228	43	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.91	149	6961	0.138	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.52	276	10	0.000	ng	# 67
35) Benzo(b)fluoranthene	22.55	252	57	0.002	ng	# 1
36) Benzo(k)fluoranthene	22.55	252	57	0.002	ng	# 1
37) Benzo(a)pyrene	23.13	252	32	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.22	276	18	0.001	ng	# 1

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

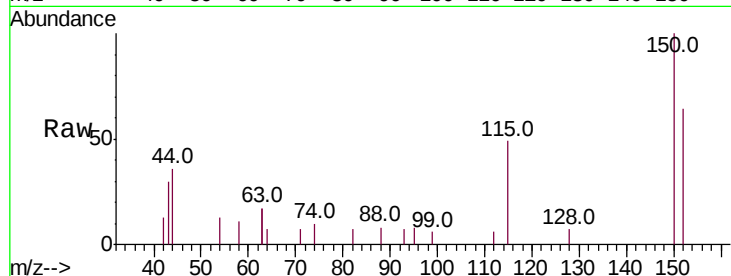


#1

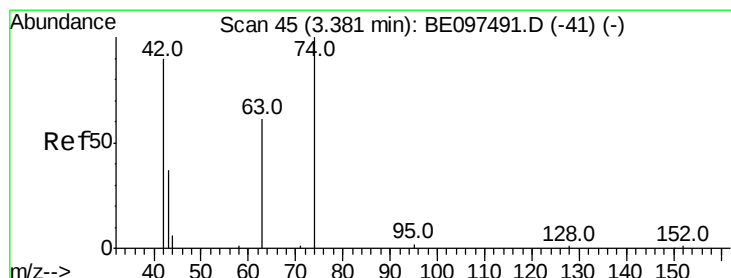
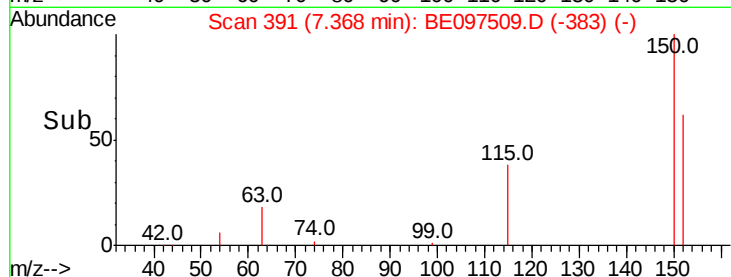
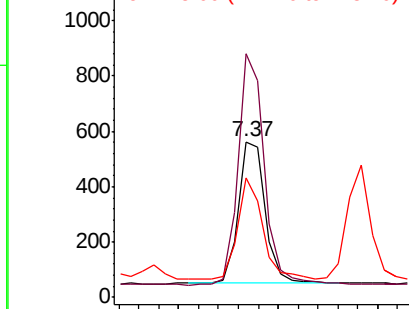
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097509.D
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Tot Ion:152 Resp: 951
Ion Ratio Lower Upper
152 100
150 156.6 117.2 175.8
115 77.0 57.0 85.6



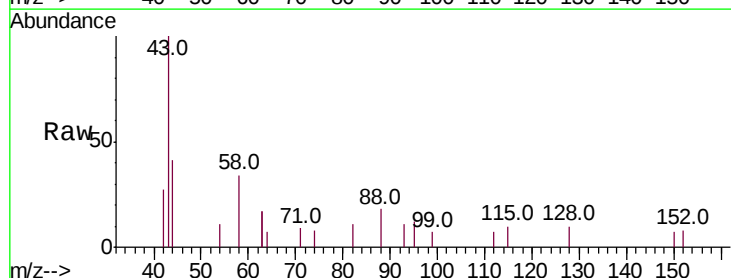
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



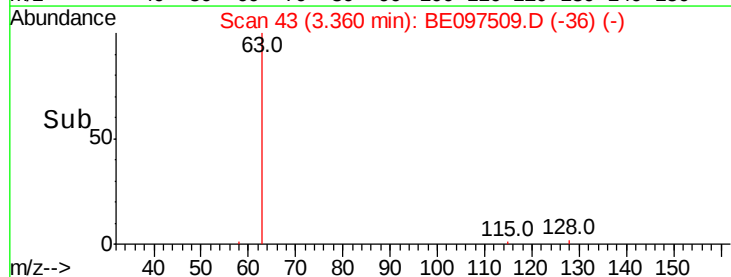
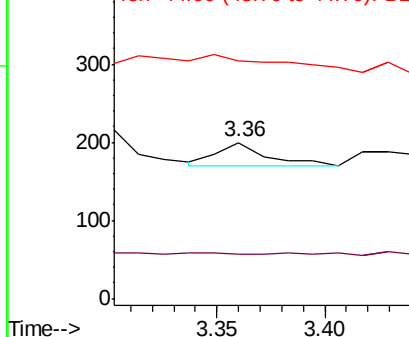
#3

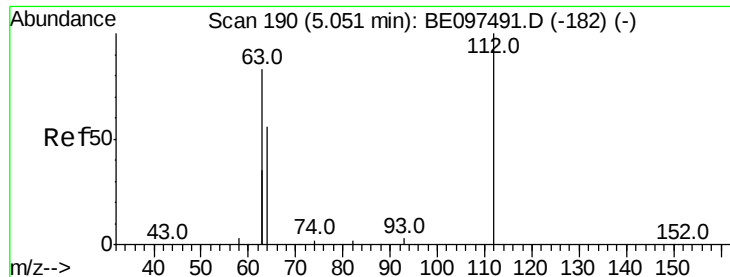
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

Tgt Ion: 42 Resp: 48
Ion Ratio Lower Upper
42 100
74 10.4 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: 0.200 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

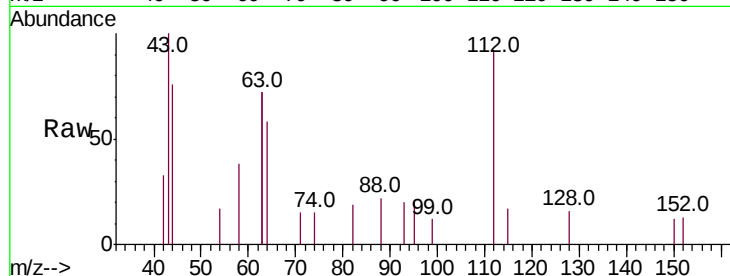
Tot Ion:112 Resp: 645

Ion Ratio Lower Upper

112 100

64 66.0 60.1 90.1

63 148.5 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

4.90 5.00 5.10 5.20

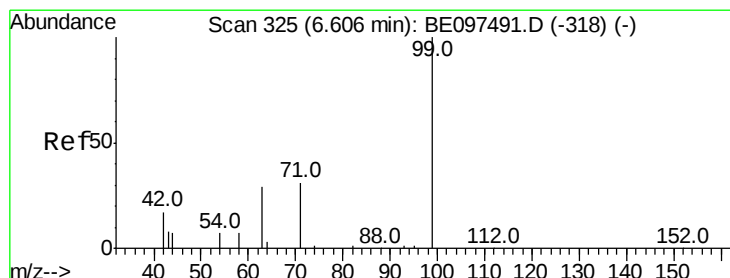
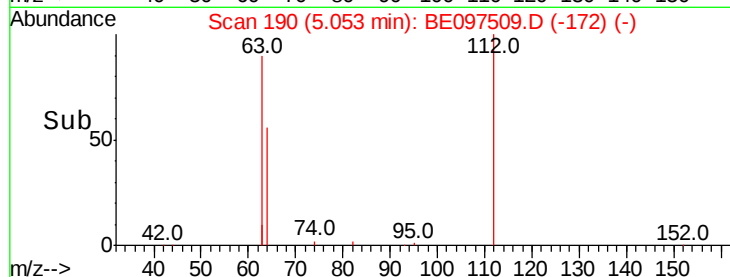
5.05

600

400

200

0



#5

Phenol-d6

Concen: 0.126 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

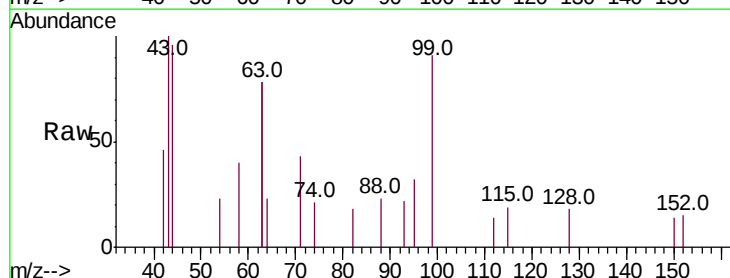
Tgt Ion: 99 Resp: 517

Ion Ratio Lower Upper

99 100

42 16.6 20.2 30.2#

71 36.2 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.50 6.55 6.60 6.65

6.60

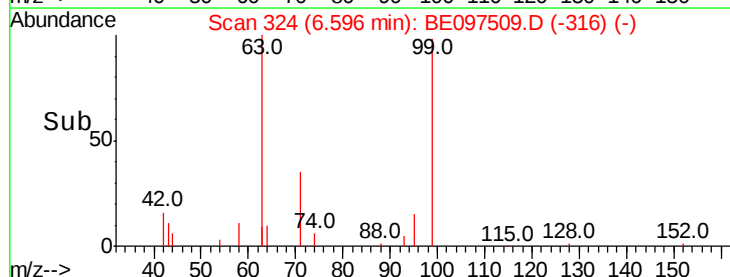
400

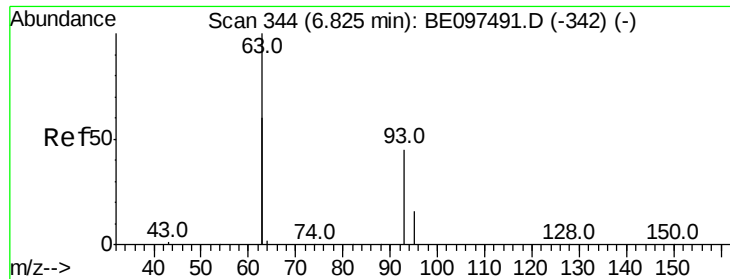
300

200

100

0





#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.02 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

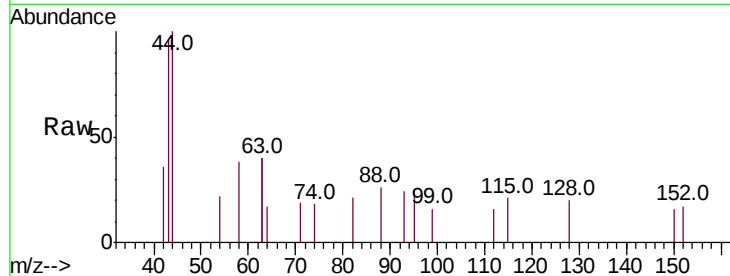
Tot Ion: 93 Resp: 13

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

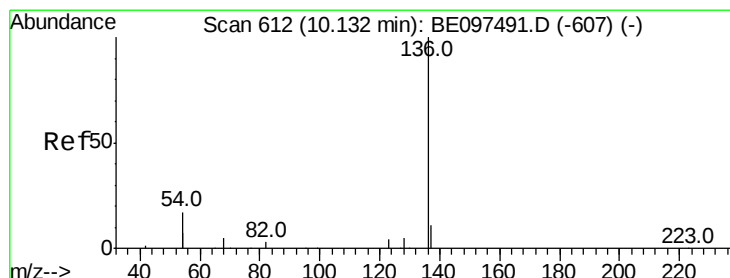
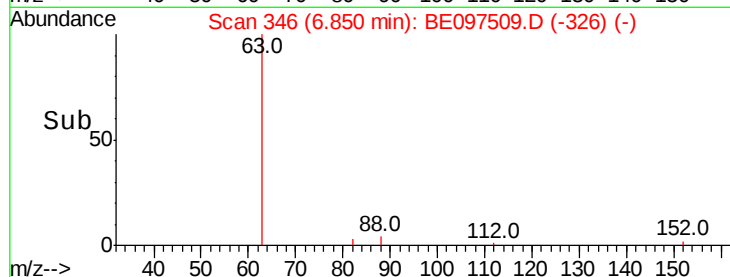
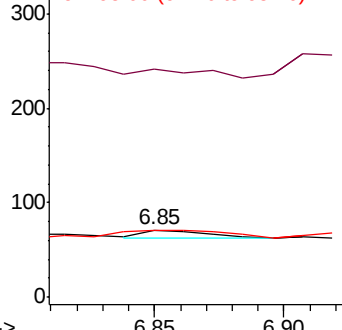
95 192.3 25.2 37.8#



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: BE097509.D

Acq: 17 Sep 2018 23:21

Tgt Ion: 136 Resp: 4555

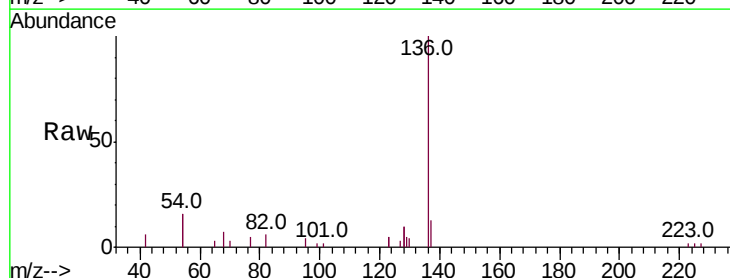
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 31.1 29.1 43.7

68 7.2 6.2 9.2

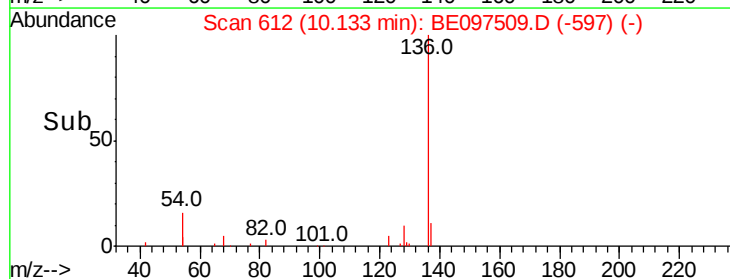
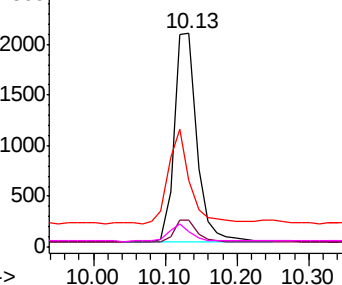


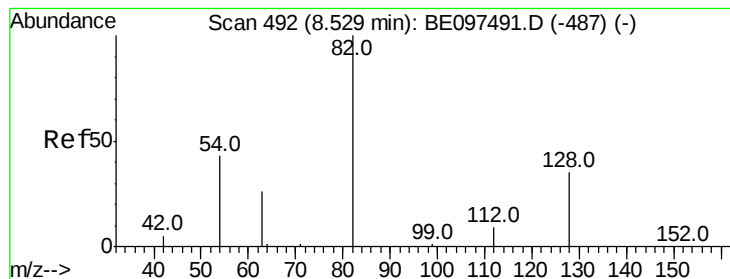
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.430 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

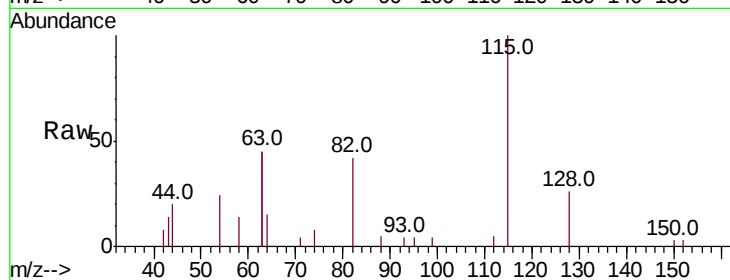
Tot Ion: 82 Resp: 1577

Ion Ratio Lower Upper

82 100

128 62.5 24.0 36.0#

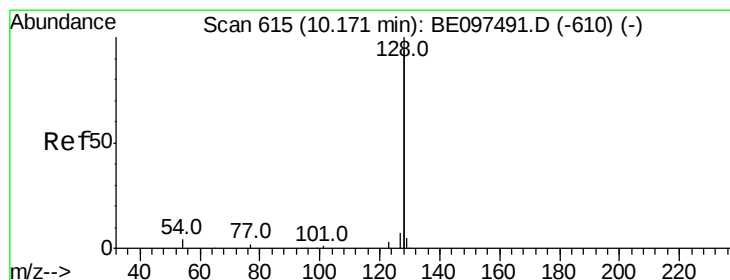
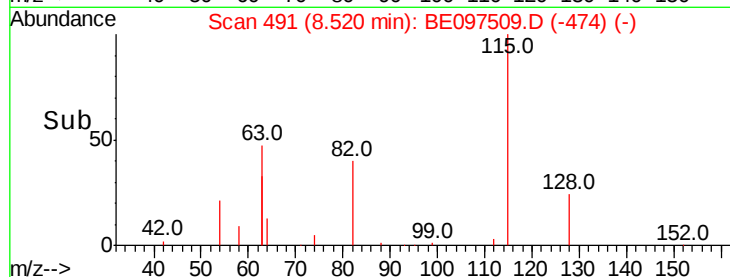
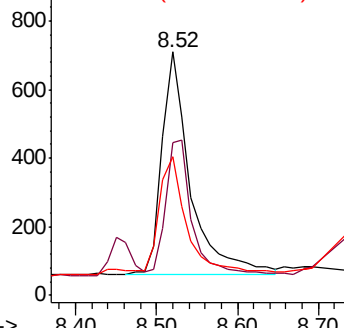
54 57.2 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.110 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

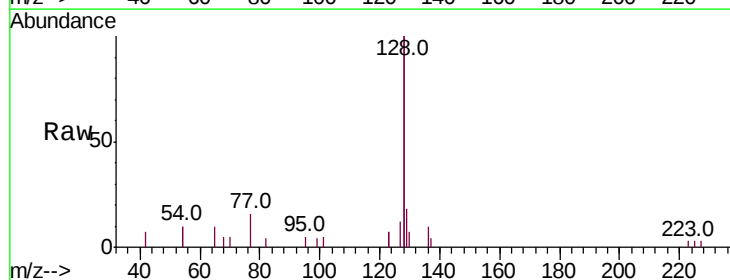
Tgt Ion: 128 Resp: 4557

Ion Ratio Lower Upper

128 100

129 8.8 2.6 3.8#

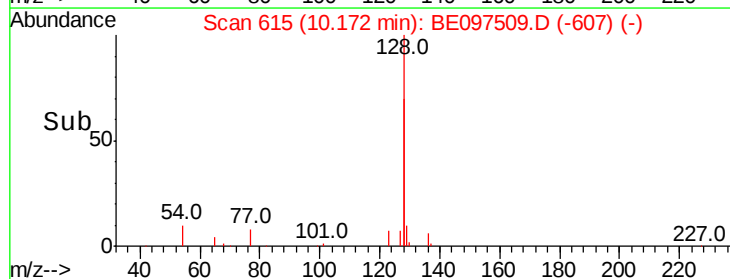
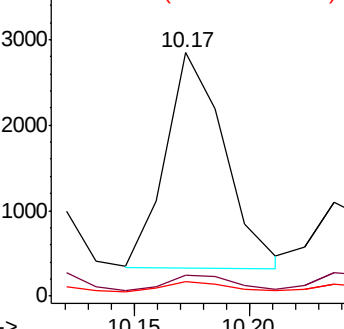
127 5.9 2.8 4.2#

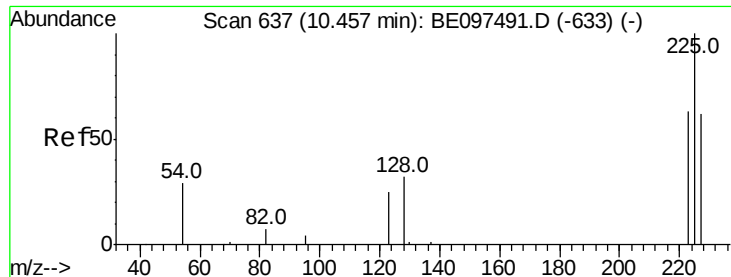


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

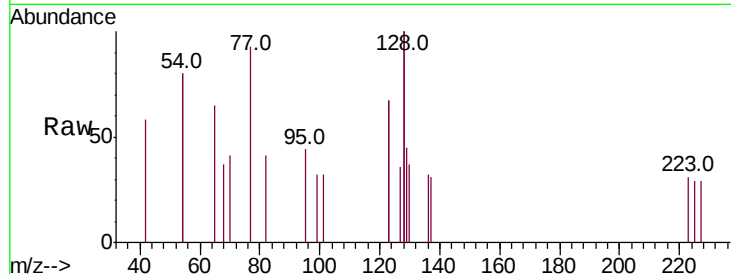




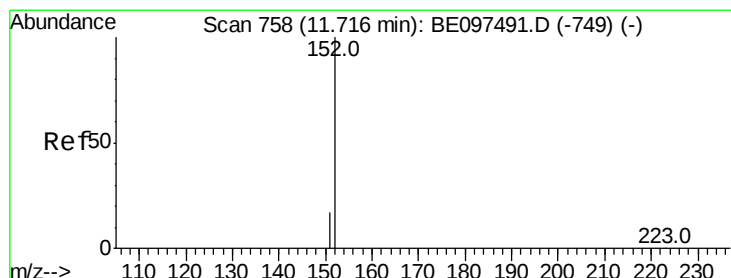
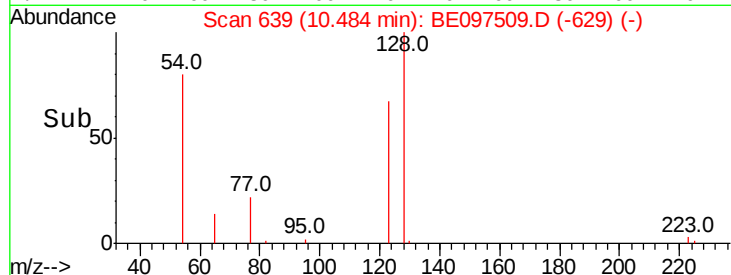
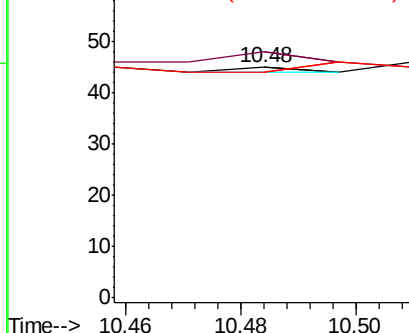
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.03 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

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

Tot Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 300.0 53.0 79.6#
227 200.0 51.4 77.2#

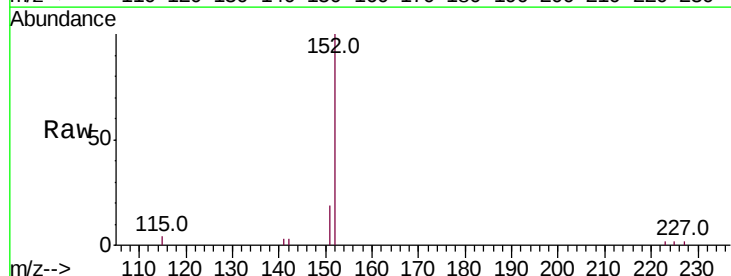


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

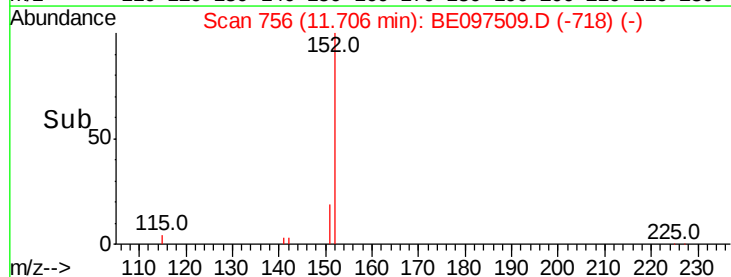
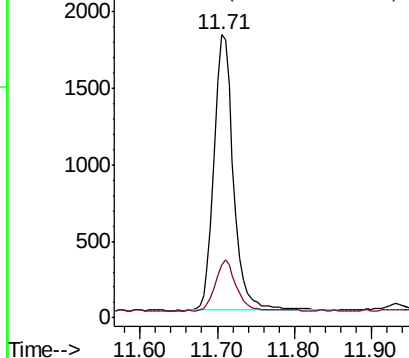


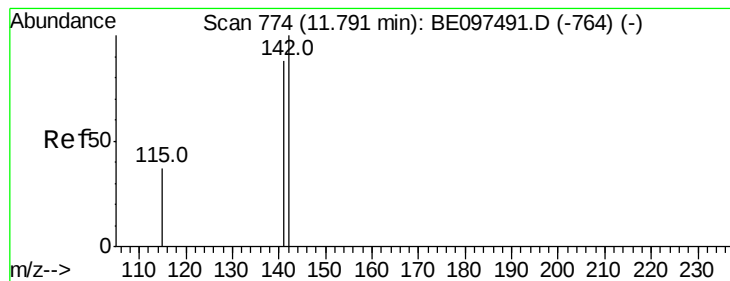
#11
2-Methylnaphthalene-d10
Concen: 0.485 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

Tgt Ion:152 Resp: 3158
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 1.879 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

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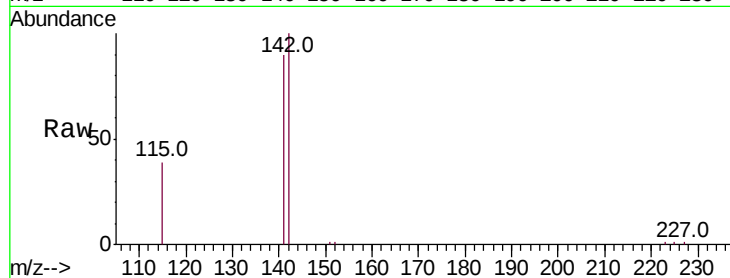
Tot Ion:142 Resp: 12431

Ion Ratio Lower Upper

142 100

141 89.8 70.4 105.6

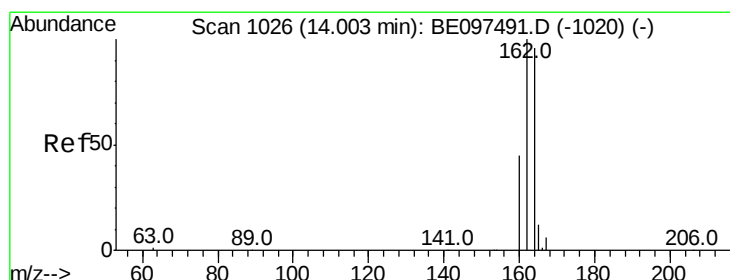
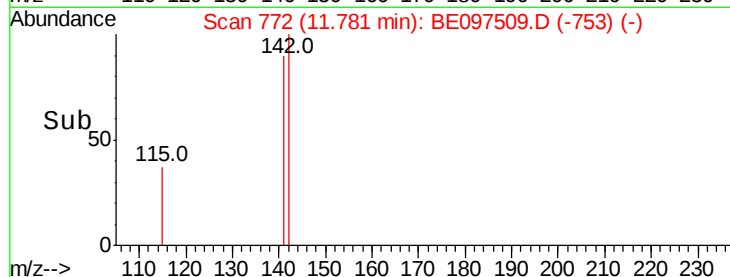
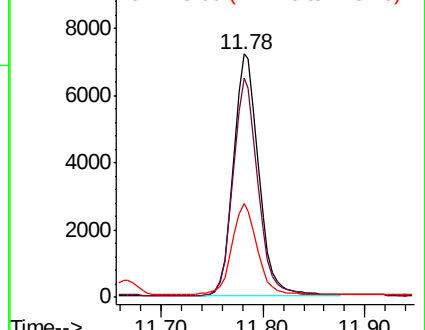
115 38.6 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

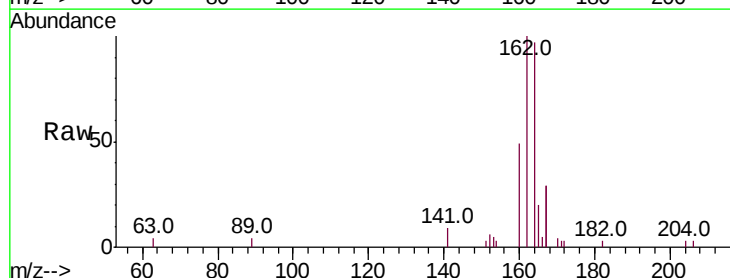
Tgt Ion:164 Resp: 2675

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

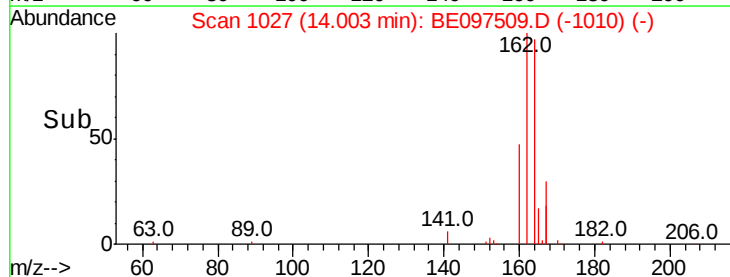
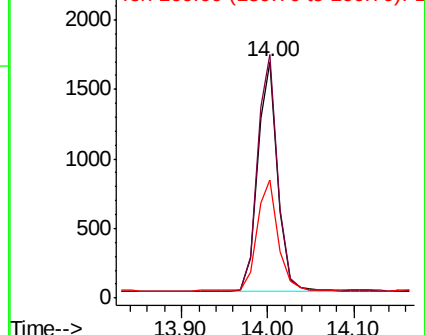
160 50.1 37.1 55.7

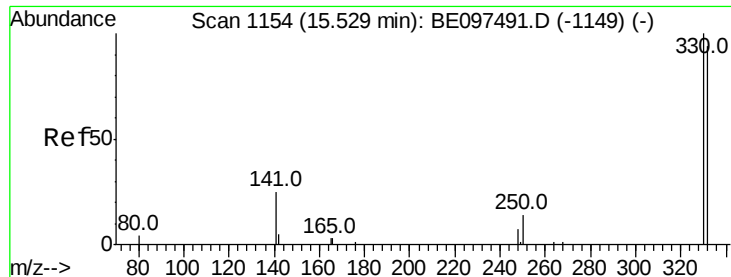


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.410 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

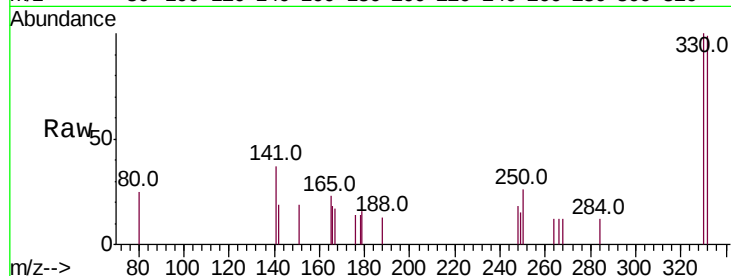
Tot Ion:330 Resp: 579

Ion Ratio Lower Upper

330 100

332 94.6 152.7 229.1#

141 36.1 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

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15.52

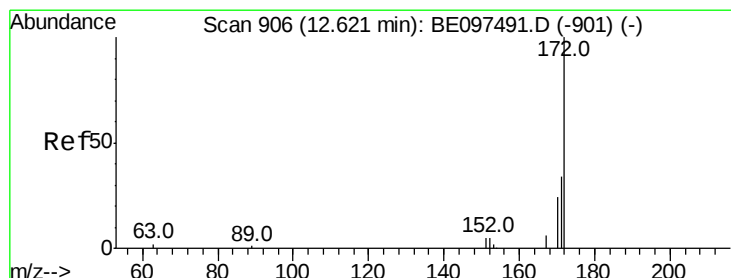
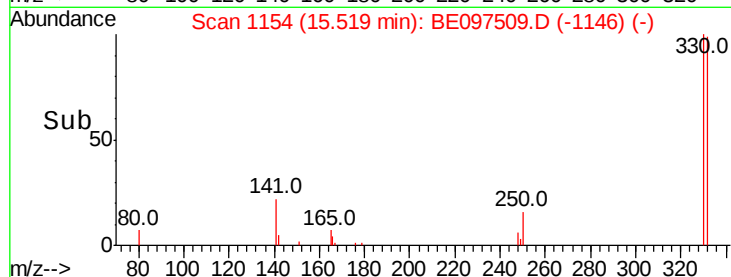
15.52

15.52

15.52

15.52

15.52



#15

2-Fluorobiphenyl

Concen: 0.593 ng

RT: 12.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

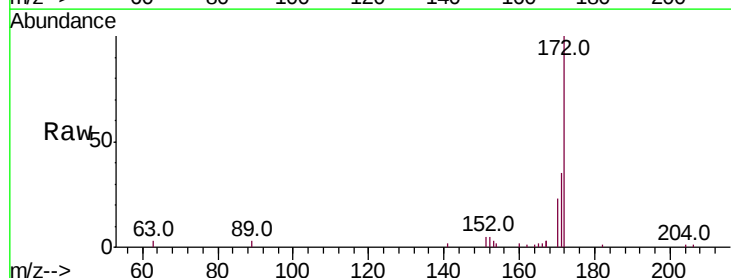
Tgt Ion:172 Resp: 5542

Ion Ratio Lower Upper

172 100

171 34.9 29.9 44.9

170 23.2 21.8 32.8



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-->

12.62

12.62

12.62

12.62

12.62

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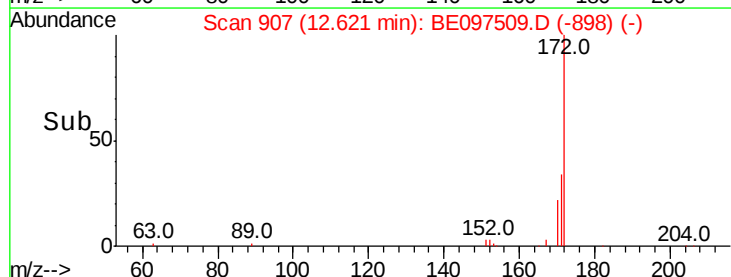
12.62

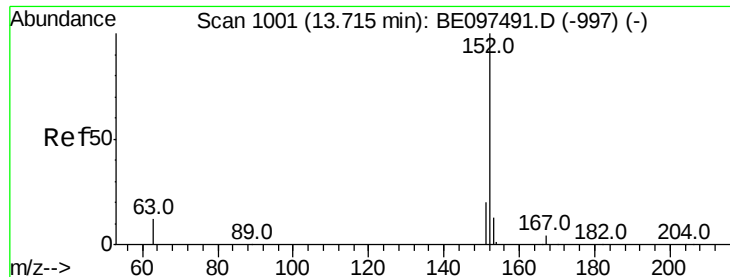
12.62

12.62

12.62

12.62

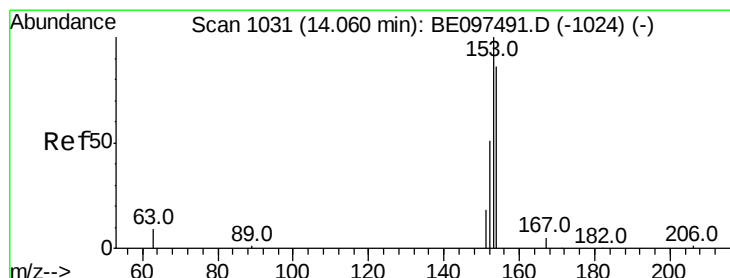
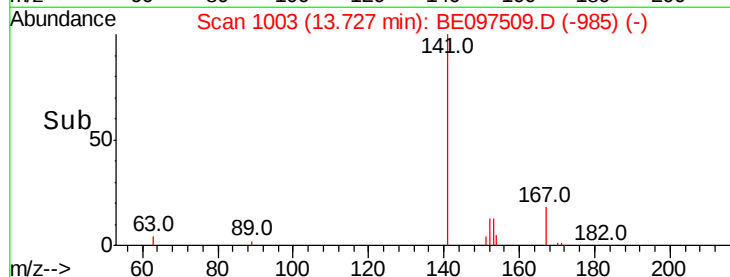
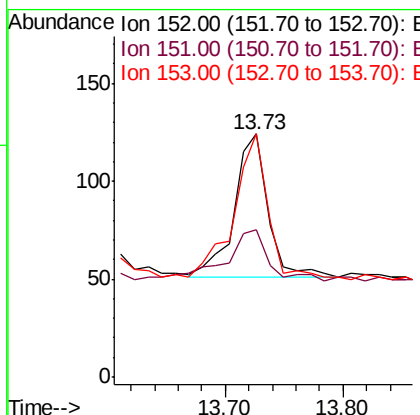
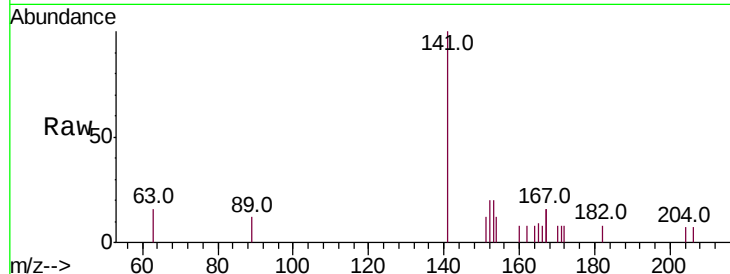




#16
Acenaphthylene
Concen: 0.013 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

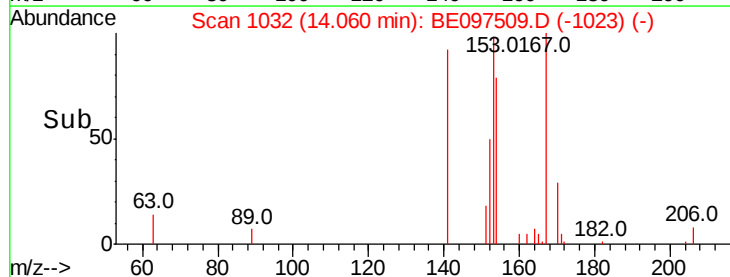
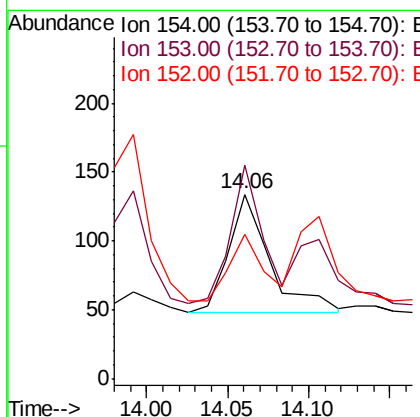
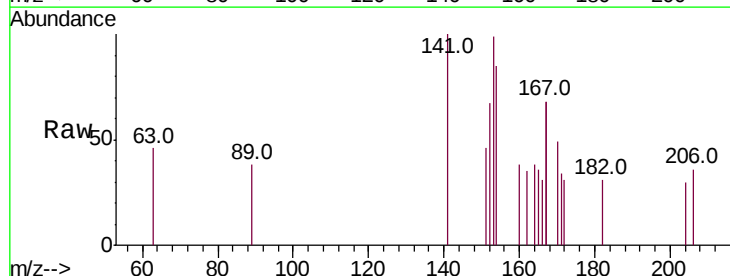
Instrument :
BNA_E
ClientSampleId :
PR-MW-02-091218

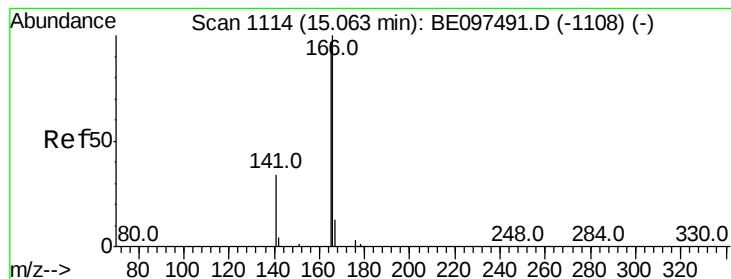
Tot Ion:152 Resp: 146
Ion Ratio Lower Upper
152 100
151 45.9 15.7 23.5#
153 104.1 10.5 15.7#



#17
Acenaphthene
Concen: 0.021 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

Tgt Ion:154 Resp: 151
Ion Ratio Lower Upper
154 100
153 89.4 89.2 133.8
152 47.0 42.0 63.0





#18

Fluorene

Concen: 0.058 ng

RT: 15.06 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

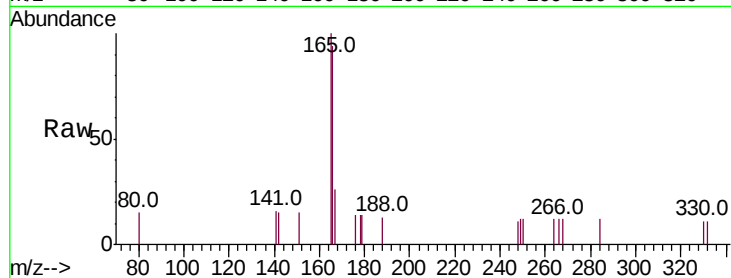
Tot Ion:166 Resp: 534

Ion Ratio Lower Upper

166 100

165 105.8 77.8 116.6

167 17.8 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

15.06

400

300

200

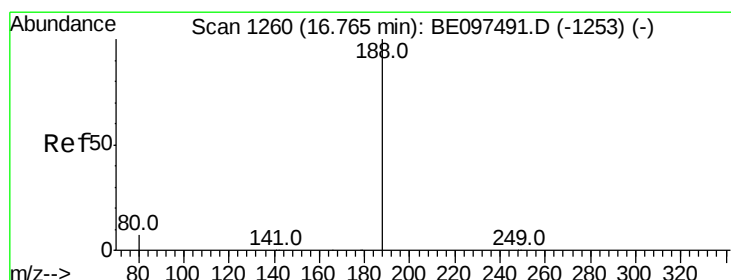
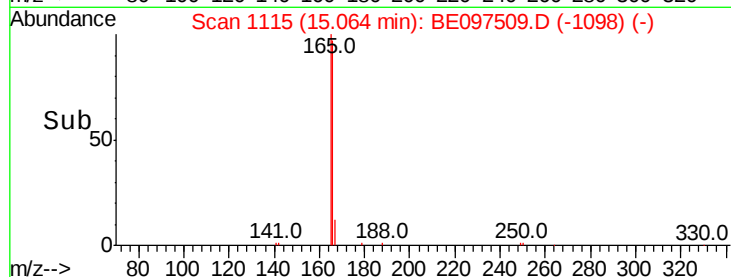
100

0

15.00

15.10

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

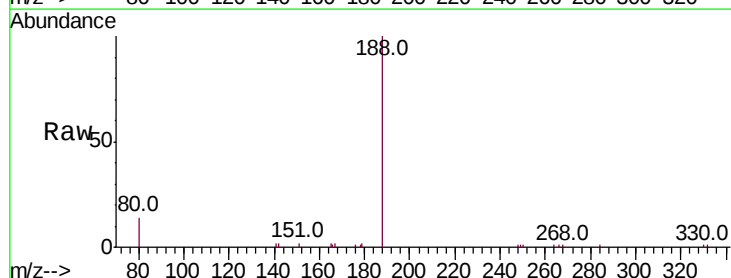
Tgt Ion:188 Resp: 7466

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.0 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

6000

5000

4000

3000

2000

1000

0

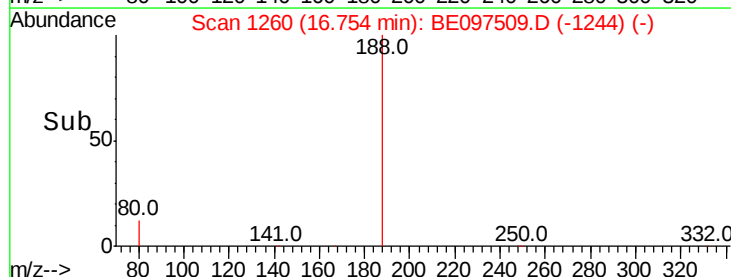
16.60

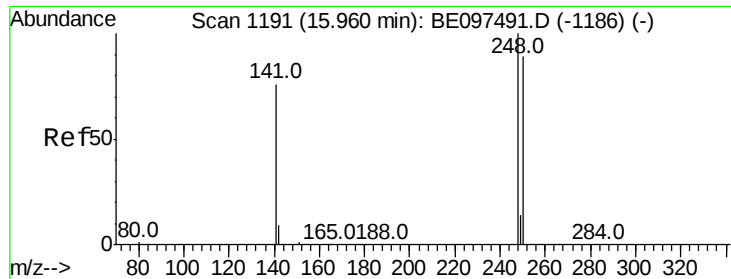
16.70

16.80

16.90

Time-->

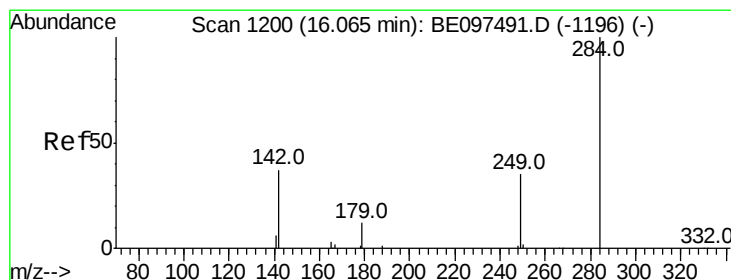
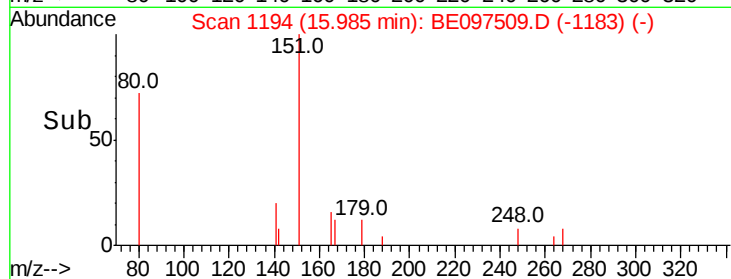
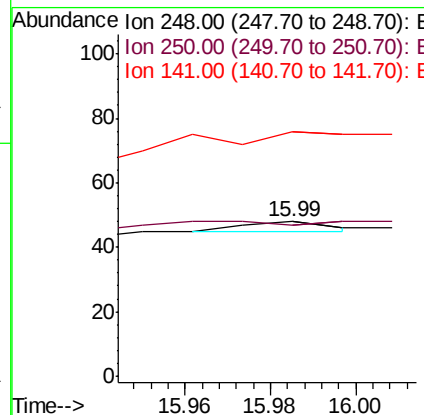
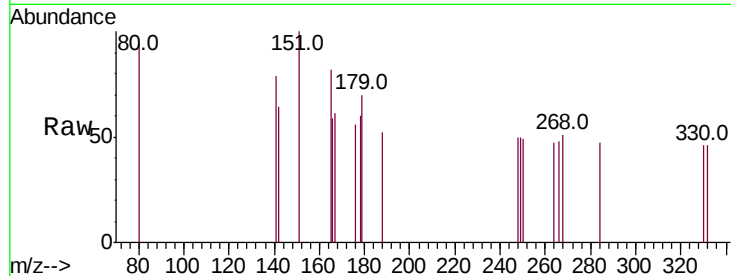




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.99 min Scan# 1194
Delta R.T. 0.02 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

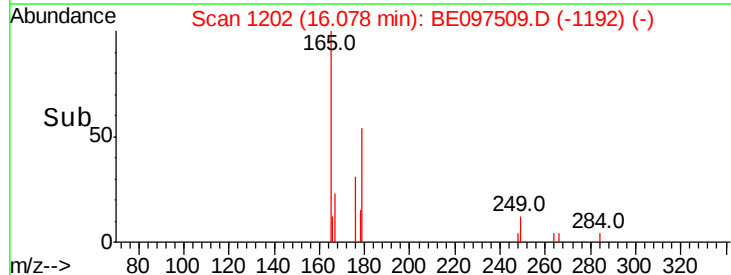
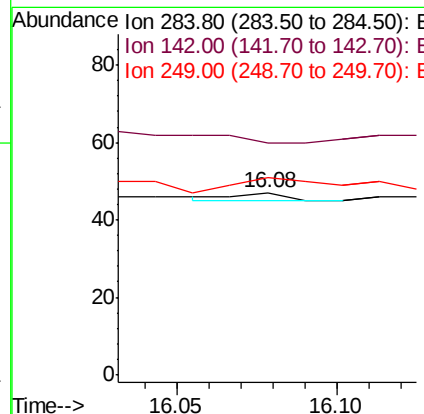
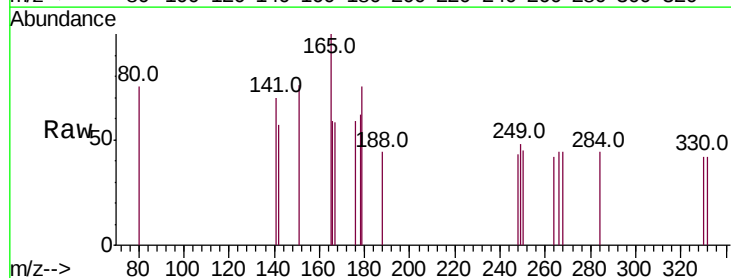
Instrument :
BNA_E
ClientSampleId :
PR-MW-02-091218

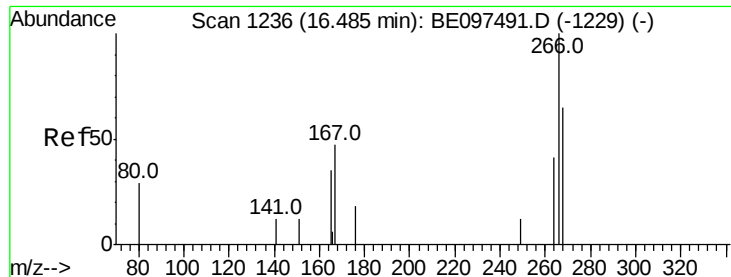
Tot Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 97.9 62.7 94.1#
141 158.3 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

Tgt Ion:284 Resp: 2
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 400.0 34.8 52.2#





#22

Pentachlorophenol

Concen: 0.107 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.06 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

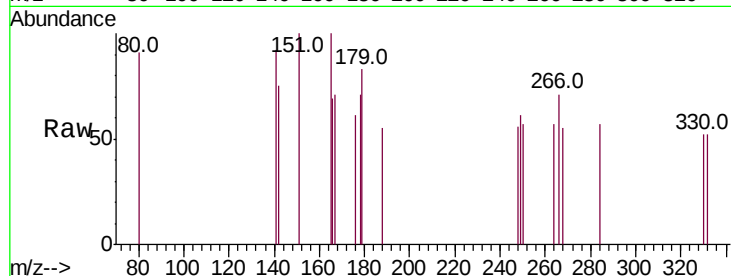
Tot Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 80.6 72.5 108.7

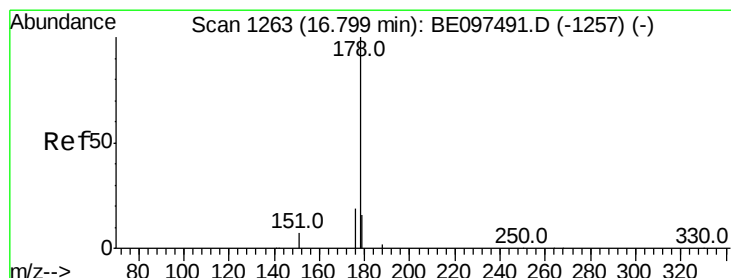
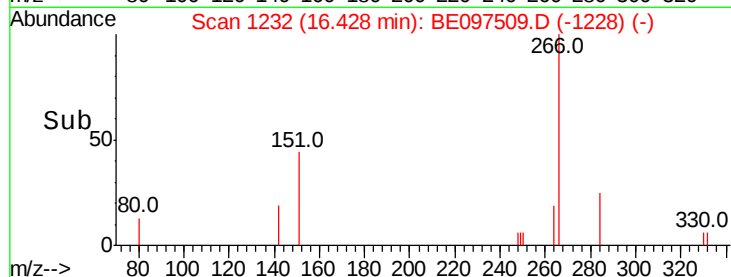
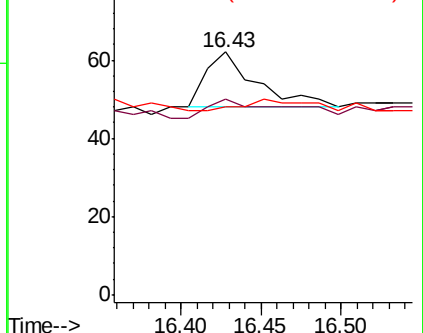
268 77.4 73.8 110.6



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



#23

Phenanthrene

Concen: 0.023 ng

RT: 16.80 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

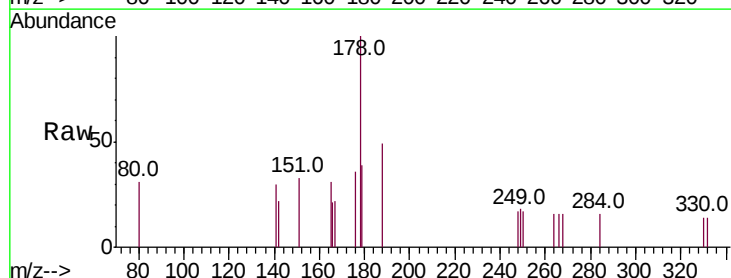
Tgt Ion:178 Resp: 408

Ion Ratio Lower Upper

178 100

176 21.8 15.1 22.7

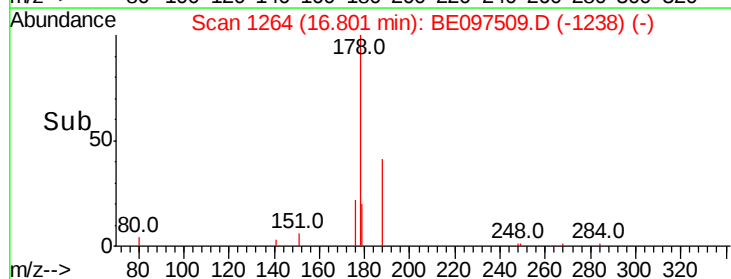
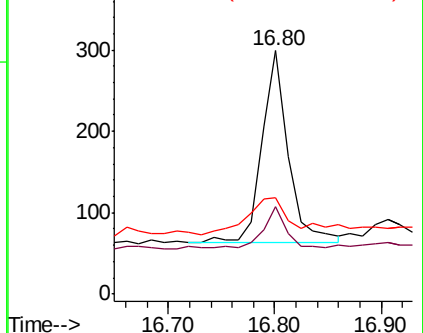
179 28.2 11.8 17.6#

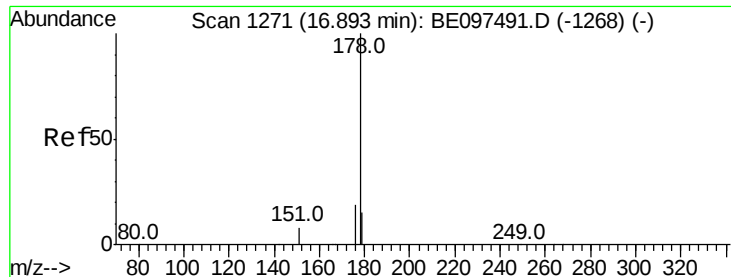


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

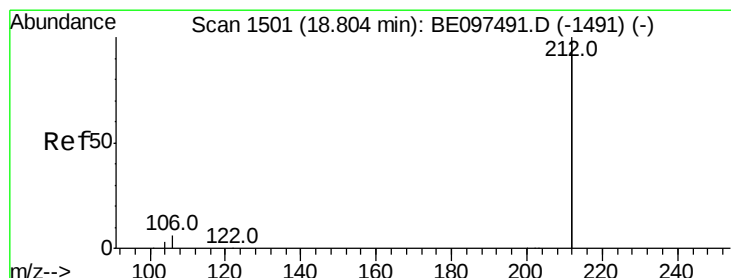
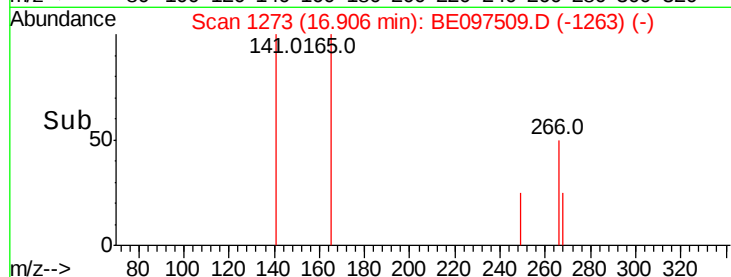
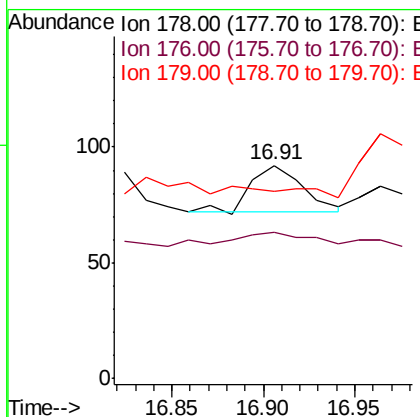
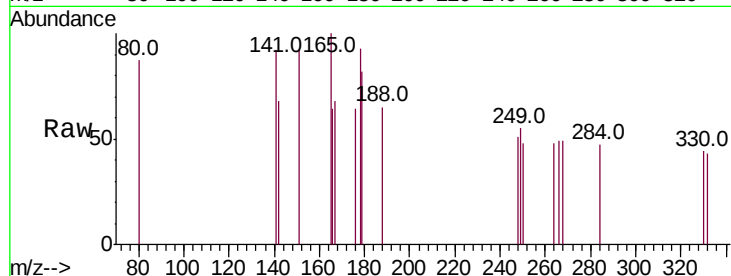




#24
 Anthracene
 Concen: 0.002 ng
 RT: 16.91 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BE097509.D
 Acq: 17 Sep 2018 23:21

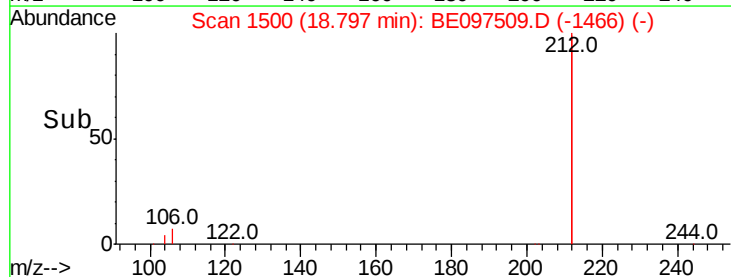
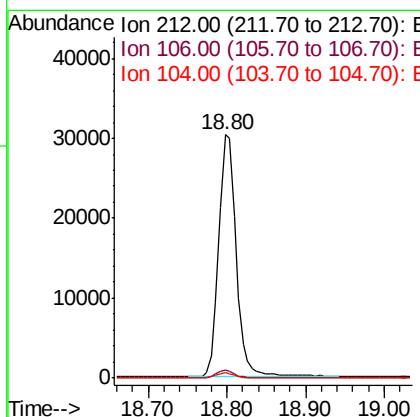
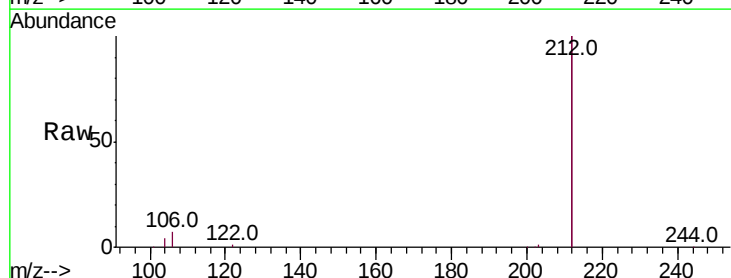
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-091218

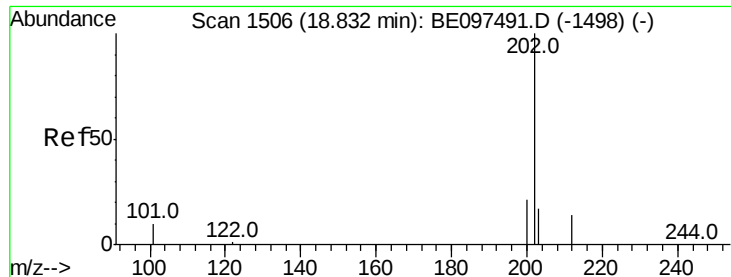
Tot Ion:178 Resp: 40
 Ion Ratio Lower Upper
 178 100
 176 47.5 12.8 19.2#
 179 0.0 13.0 19.6#



#25
 Fluoranthene-d10
 Concen: 0.515 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097509.D
 Acq: 17 Sep 2018 23:21

Tgt Ion:212 Resp: 46159
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.7 1.6 2.4

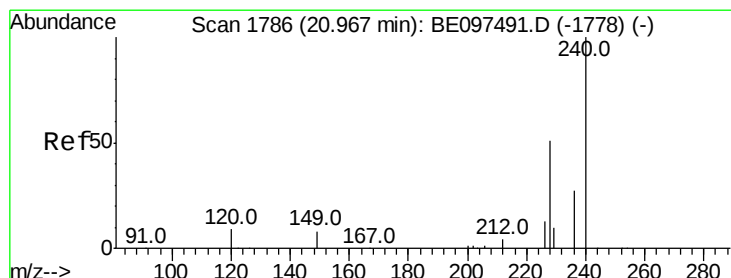
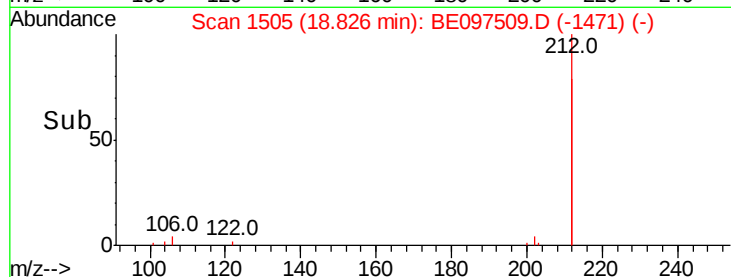
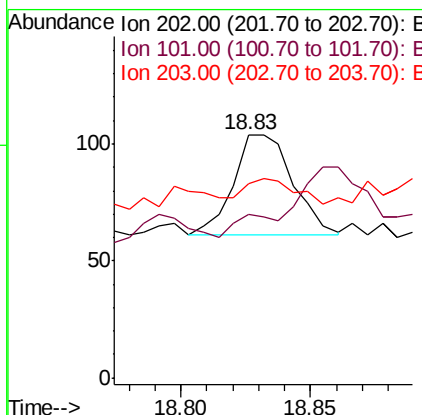
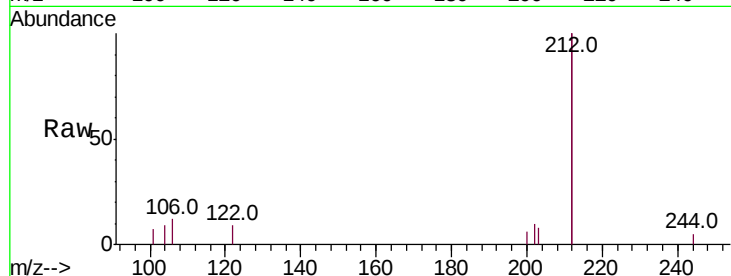




#26
 Fluoranthene
 Concen: 0.003 ng
 RT: 18.83 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BE097509.D
 Acq: 17 Sep 2018 23:21

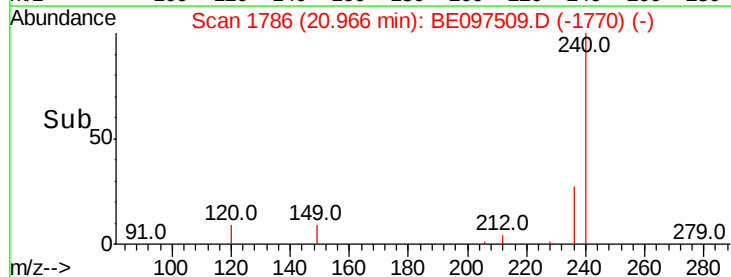
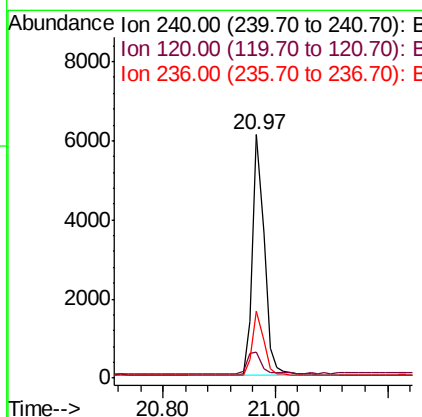
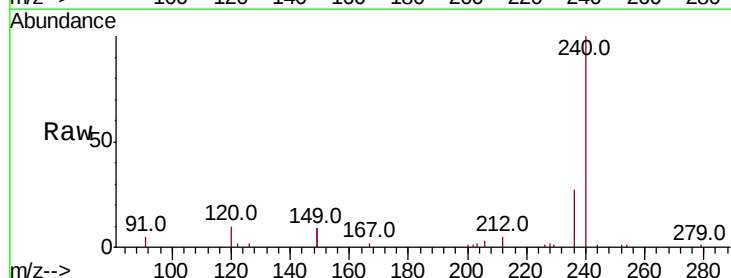
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-091218

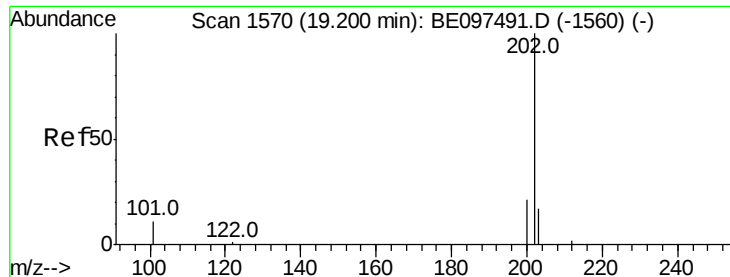
Tot Ion:202 Resp: 69
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.8 14.8#
 203 20.3 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097509.D
 Acq: 17 Sep 2018 23:21

Tgt Ion:240 Resp: 9049
 Ion Ratio Lower Upper
 240 100
 120 10.5 5.5 8.3#
 236 27.4 20.7 31.1





#28

Pvrene

Concen: 0.005 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

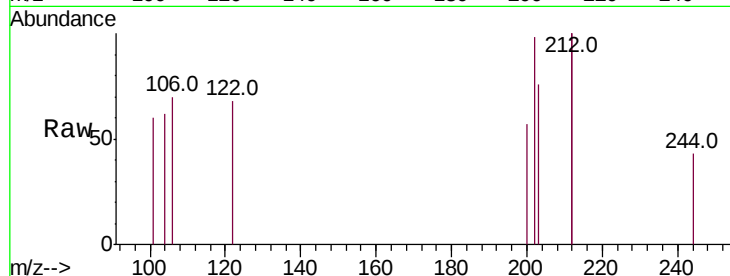
Tot Ion:202 Resp: 111

Ion Ratio Lower Upper

202 100

200 21.6 16.6 25.0

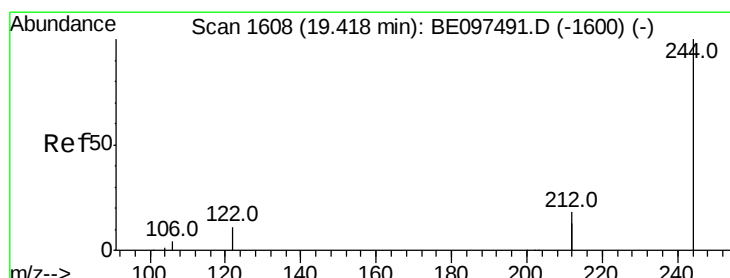
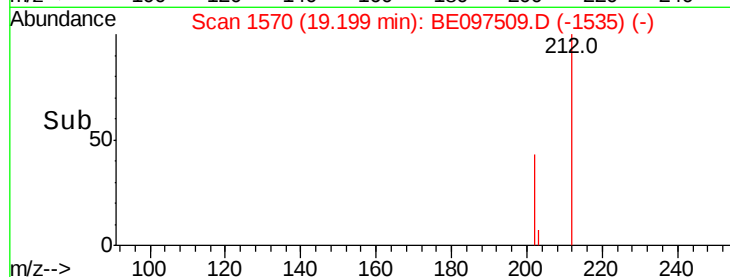
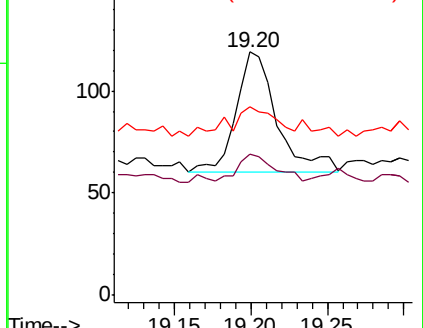
203 25.2 13.8 20.8#



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: 0.595 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

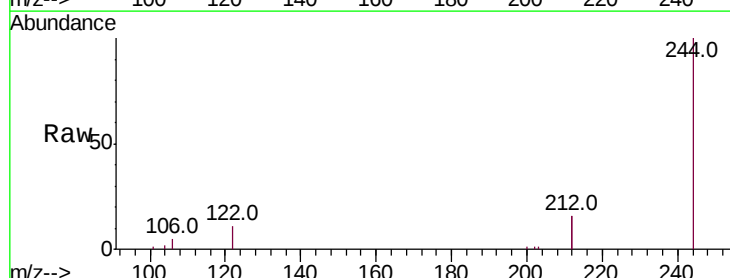
Tgt Ion:244 Resp: 10304

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

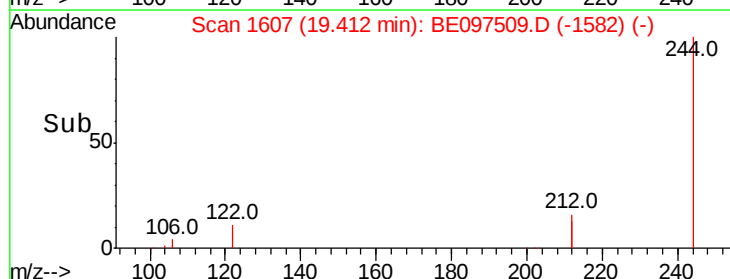
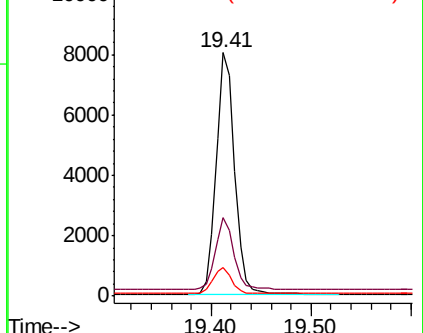
122 11.5 8.1 12.1

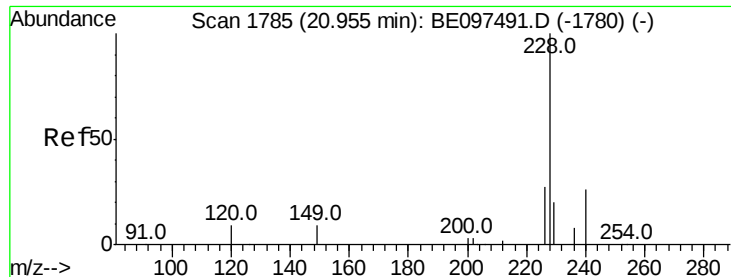


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

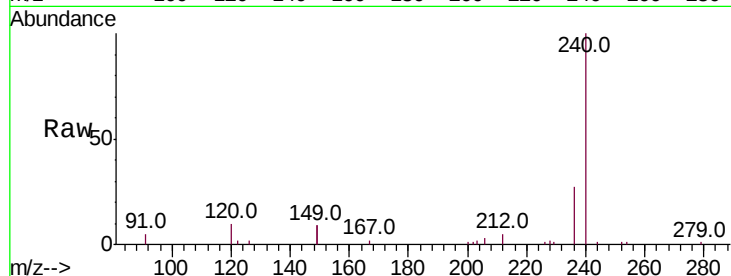
Tot Ion:228 Resp: 81

Ion Ratio Lower Upper

228 100

226 68.6 24.0 36.0#

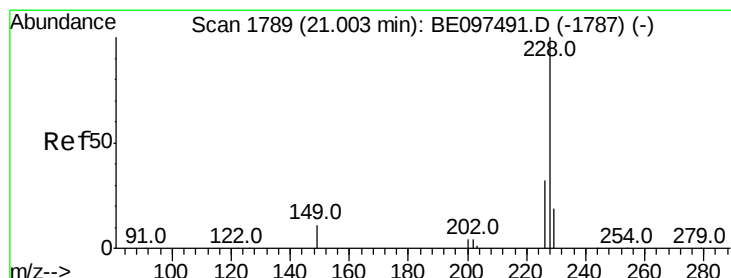
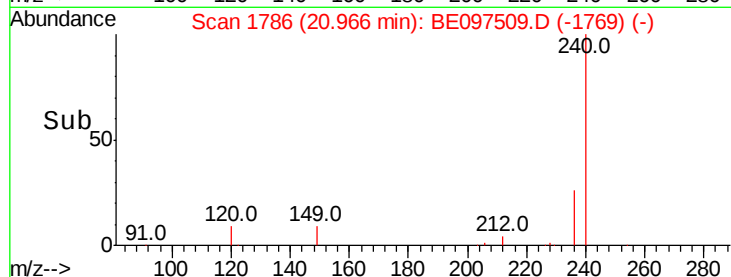
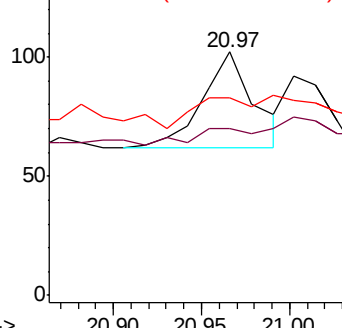
229 81.4 16.0 24.0#



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# 1789

Delta R.T. -0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

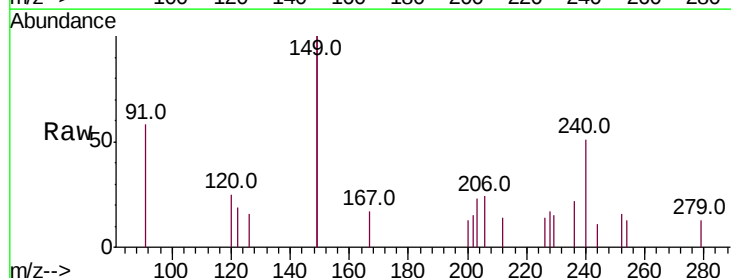
Tgt Ion:228 Resp: 43

Ion Ratio Lower Upper

228 100

226 81.5 24.0 36.0#

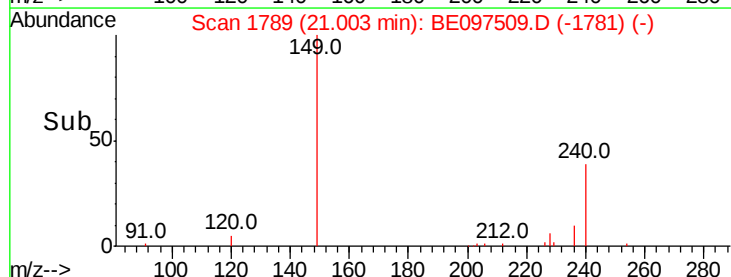
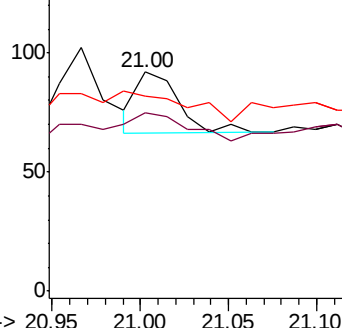
229 89.1 16.0 24.0#

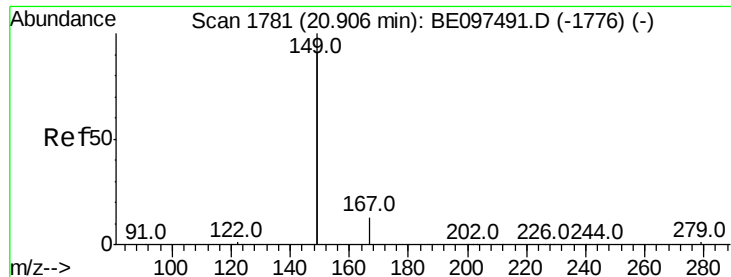


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.138 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

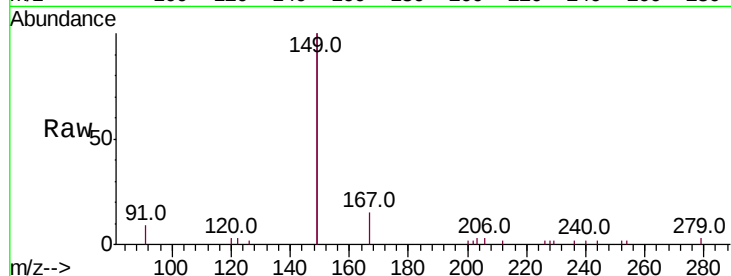
Tot Ion:149 Resp: 6961

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

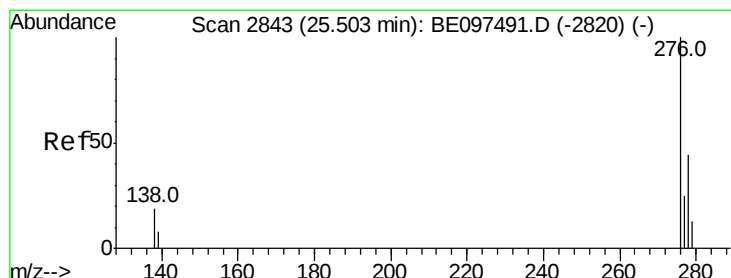
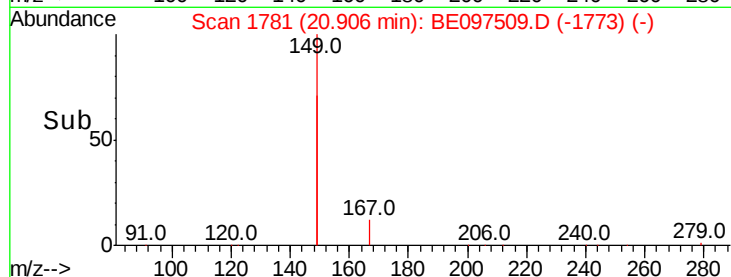
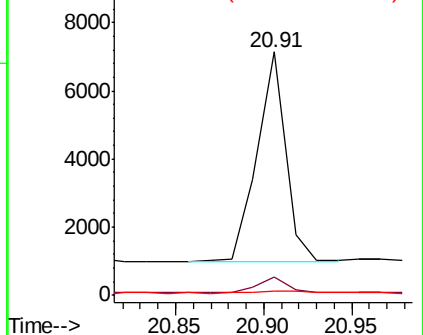
279 1.2 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.02 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

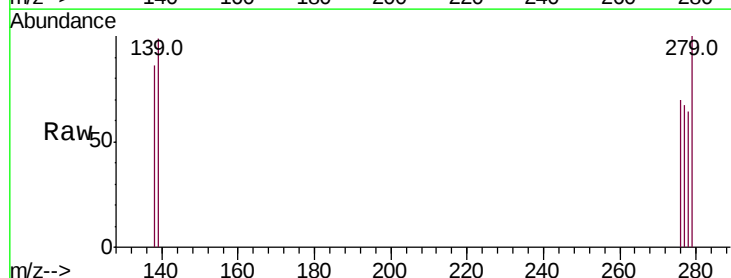
Tgt Ion:276 Resp: 10

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

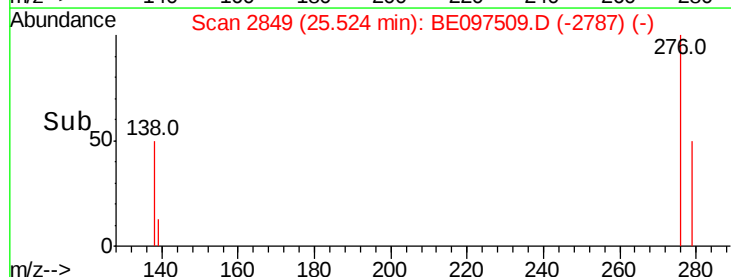
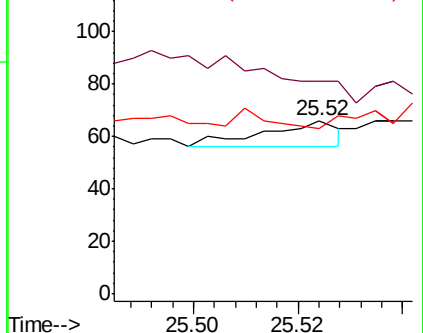
277 30.0 19.9 29.9#

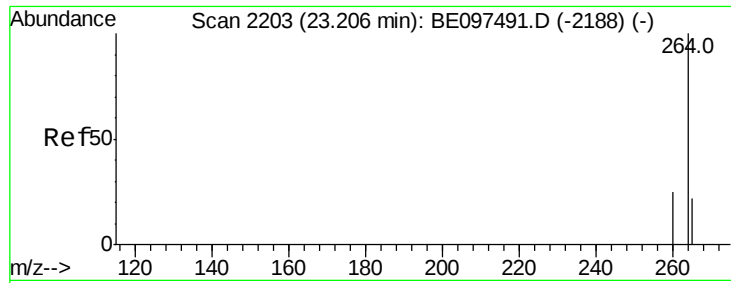


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

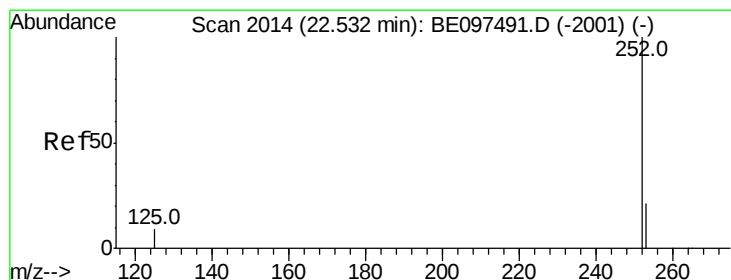
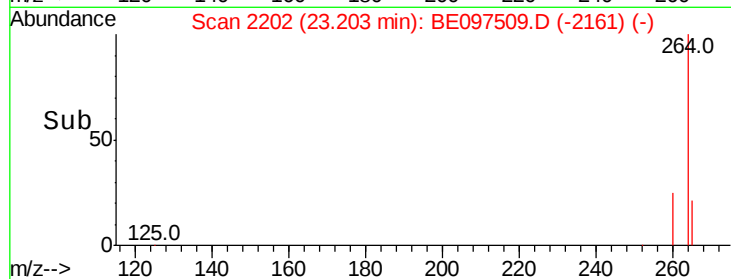
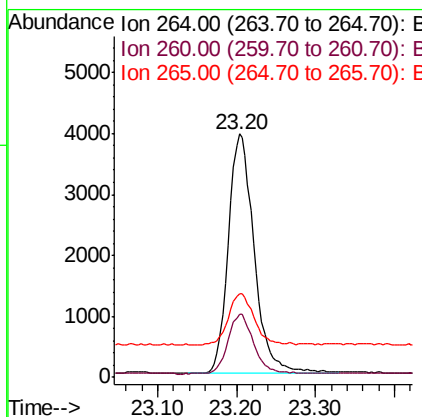
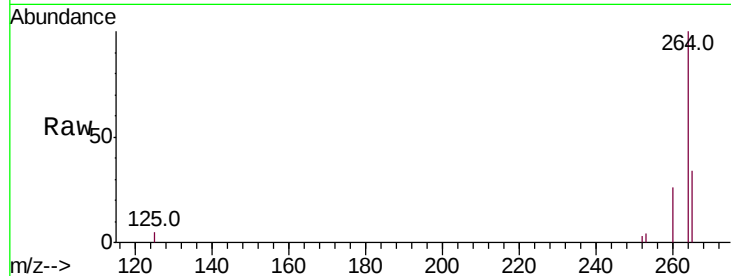




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

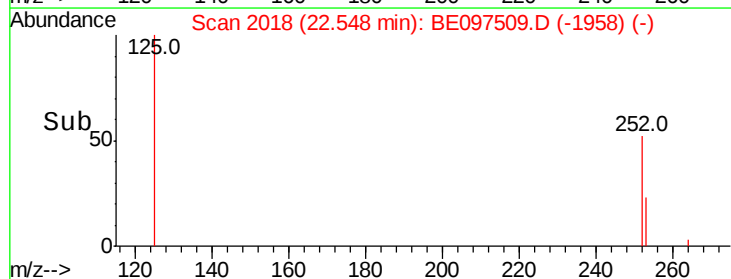
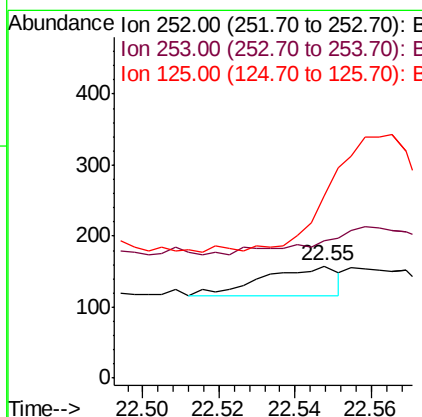
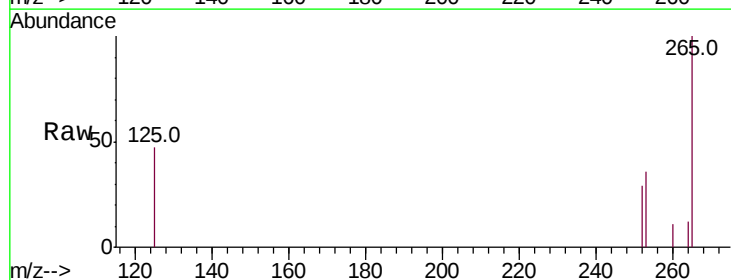
Instrument :
BNA_E
ClientSampleId :
PR-MW-02-091218

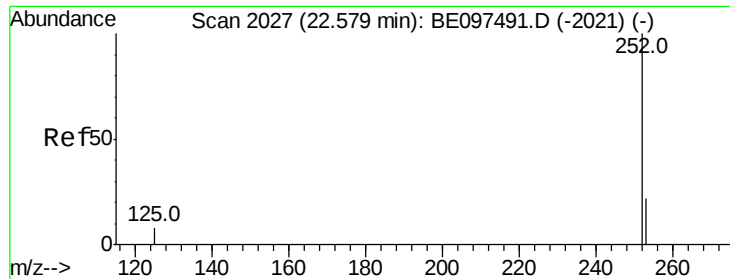
Tot Ion:264 Resp: 8983
Ion Ratio Lower Upper
264 100
260 25.8 20.5 30.7
265 34.2 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.55 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BE097509.D
Acq: 17 Sep 2018 23:21

Tgt Ion:252 Resp: 57
Ion Ratio Lower Upper
252 100
253 122.8 20.0 30.0#
125 162.7 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 22.55 min Scan# 2018

Delta R.T. -0.03 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

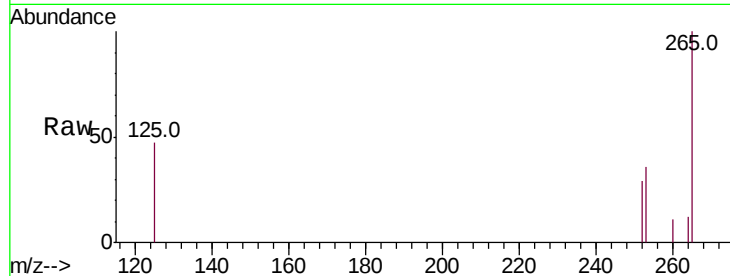
Tot Ion:252 Resp: 57

Ion Ratio Lower Upper

252 100

253 122.8 16.0 24.0#

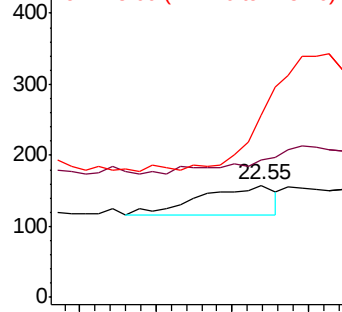
125 162.7 8.0 12.0#



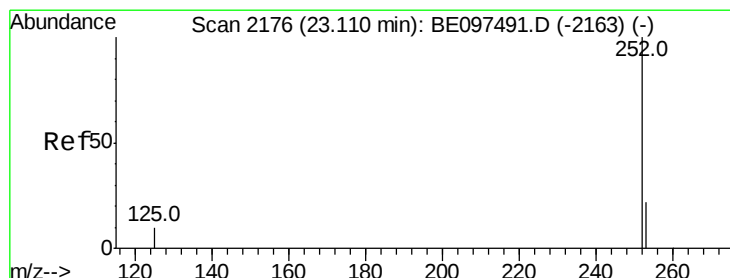
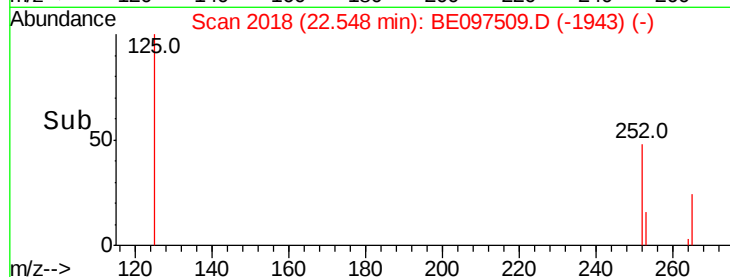
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.13 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

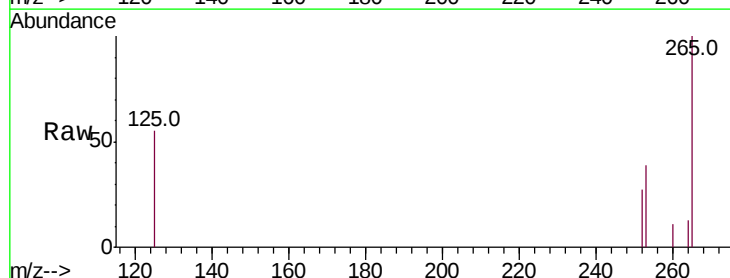
Tgt Ion:252 Resp: 32

Ion Ratio Lower Upper

252 100

253 144.8 16.0 24.0#

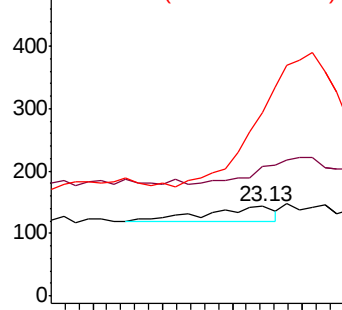
125 205.6 12.0 18.0#



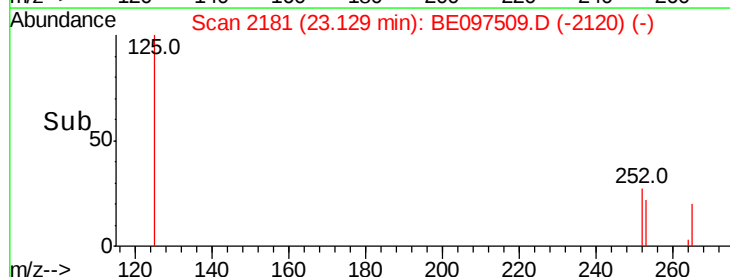
Abundance Ion 252.00 (251.70 to 252.70): E

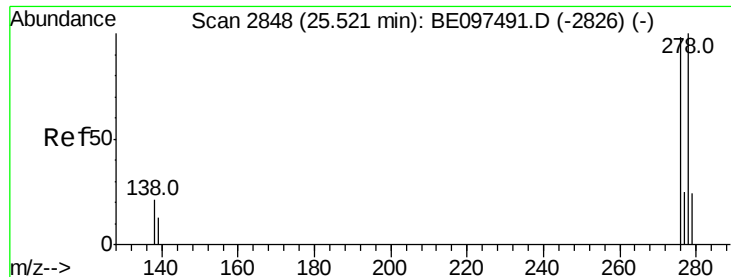
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.52 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-091218

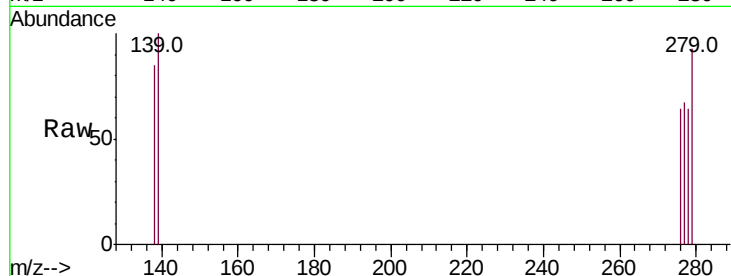
Tot Ion:278 Resp: 1

Ion Ratio Lower Upper

278 100

139 156.5 16.0 24.0#

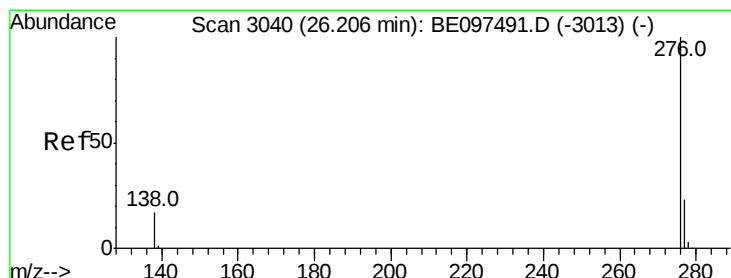
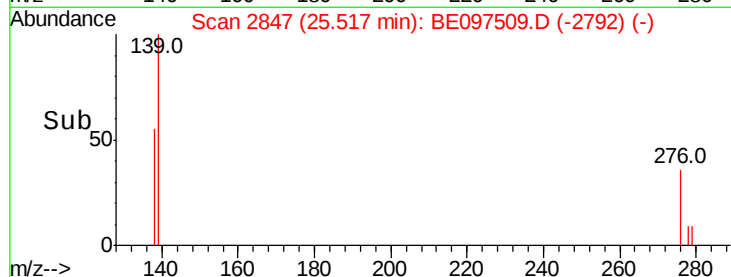
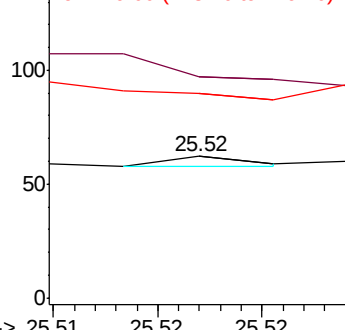
279 145.2 20.0 30.0#



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: 26.22 min Scan# 3044

Delta R.T. 0.01 min

Lab File: BE097509.D

Acq: 17 Sep 2018 23:21

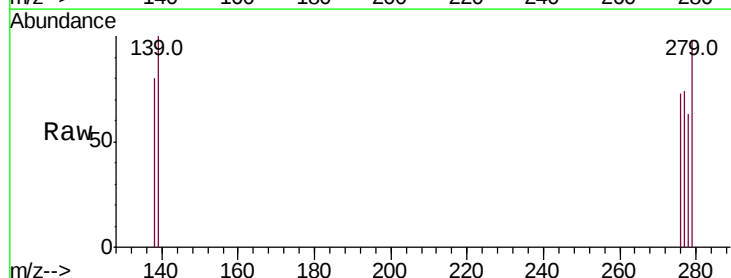
Tgt Ion:276 Resp: 18

Ion Ratio Lower Upper

276 100

277 101.5 16.0 24.0#

138 110.4 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

