

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
 Data File : BE097117.D
 Acq On : 31 Jul 2018 11:47
 Operator : SJ/JU
 Sample : J4211-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LW-03-072618MS

Quant Time: Jul 31 12:47:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1612	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	7763	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4788	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	13852	0.40	ng	0.00
27) Chrysene-d12	20.98	240	16024	0.40	ng	0.00
34) Perylene-d12	23.21	264	15089	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	858	0.19	ng	0.00
5) Phenol-d6	6.60	99	733	0.11	ng	0.00
8) Nitrobenzene-d5	8.52	82	2989	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4944	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	965	0.61	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7678	0.46	ng	0.00
25) Fluoranthene-d10	18.81	212	68167	0.49	ng	0.00
29) Terphenyl-d14	19.43	244	15962	0.52	ng	0.00

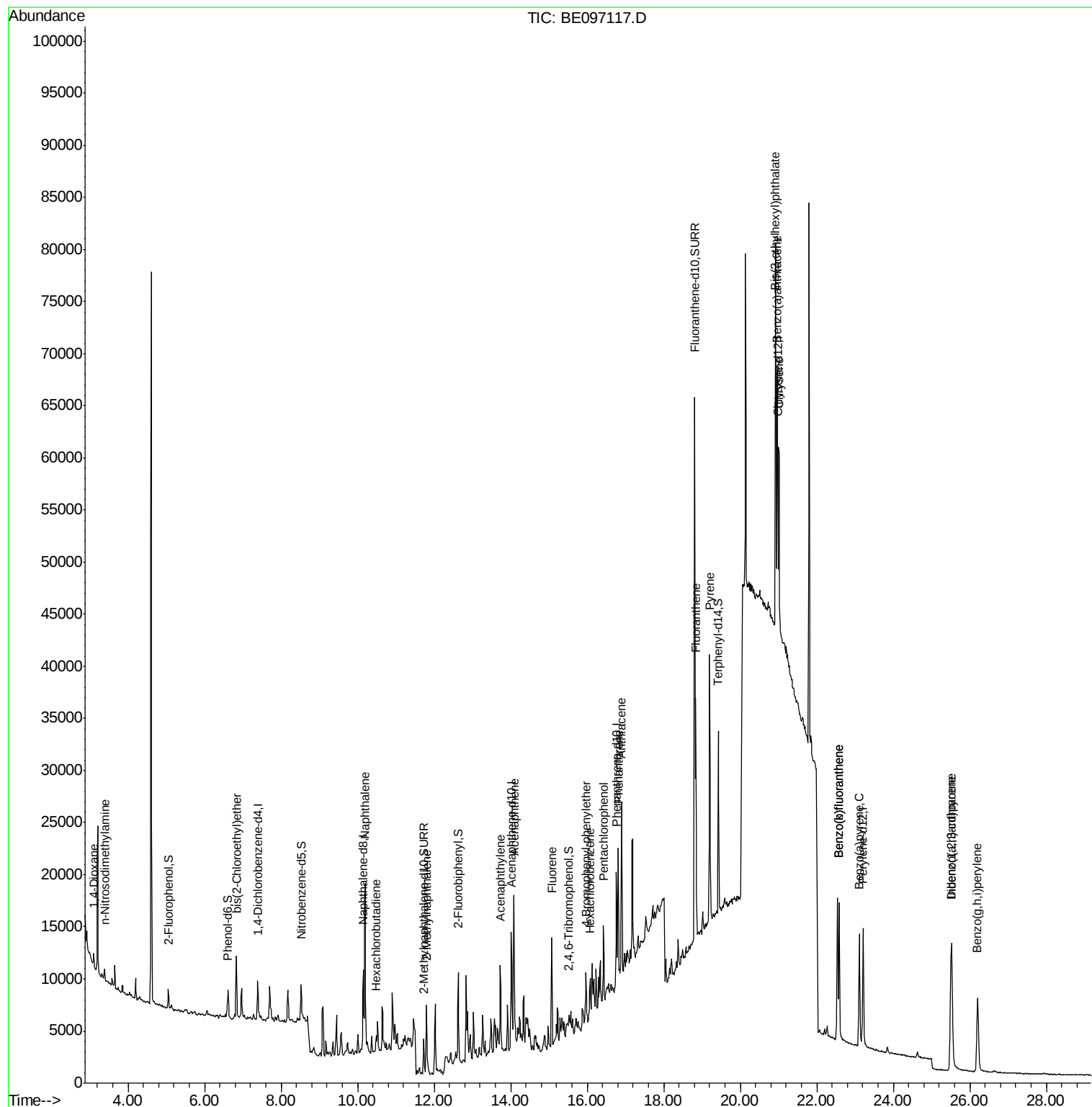
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	581	0.227	ng	# 42
3) n-Nitrosodimethylamine	3.38	42	471	0.164	ng	# 94
6) bis(2-Chloroethyl)ether	6.84	93	2351	0.387	ng	# 88
9) Naphthalene	10.20	128	29058	0.417	ng	# 99
10) Hexachlorobutadiene	10.48	225	959	0.307	ng	# 98
12) 2-Methylnaphthalene	11.80	142	5195	0.435	ng	# 94
16) Acenaphthylene	13.73	152	8496	0.395	ng	# 97
17) Acenaphthene	14.08	154	7846	0.628	ng	# 93
18) Fluorene	15.07	166	7673	0.465	ng	# 75
20) 4-Bromophenyl-phenylether	15.97	248	2214	0.329	ng	# 69
21) Hexachlorobenzene	16.08	284	2090	0.289	ng	# 67
22) Pentachlorophenol	16.43	266	3244	1.463	ng	# 71
23) Phenanthrene	16.81	178	14835	0.449	ng	# 87
24) Anthracene	16.89	178	18538	0.628	ng	# 93
26) Fluoranthene	18.84	202	20573	0.555	ng	# 96
28) Pyrene	19.20	202	24738	0.563	ng	# 99
30) Benzo(a)anthracene	20.96	228	18829	0.472	ng	# 88
31) Chrysene	21.02	228	18710	0.438	ng	# 83
32) Bis(2-ethylhexyl)phthalate	20.92	149	46773	1.015	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.51	276	18910	0.489	ng	# 94
35) Benzo(b)fluoranthene	22.58	252	17457	0.456	ng	# 93
36) Benzo(k)fluoranthene	22.58	252	17453	0.390	ng	# 80
37) Benzo(a)pyrene	23.11	252	16284	0.452	ng	# 88
38) Dibenzo(a,h)anthracene	25.53	278	15288	0.425	ng	# 98
39) Benzo(g,h,i)perylene	26.20	276	16203	0.425	ng	# 91

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

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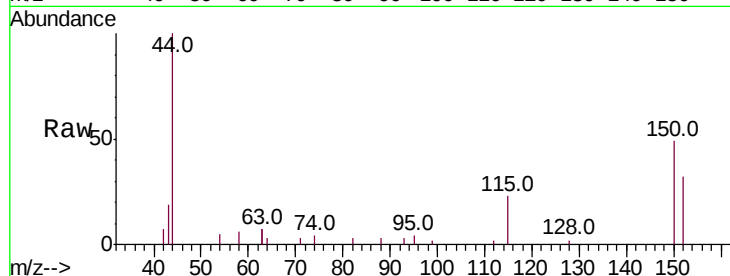


#1

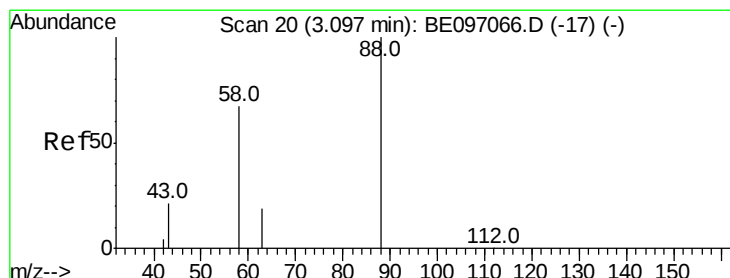
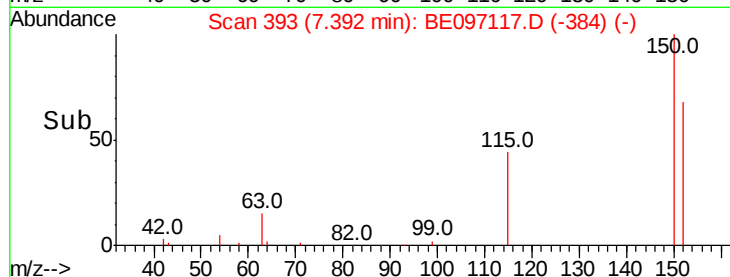
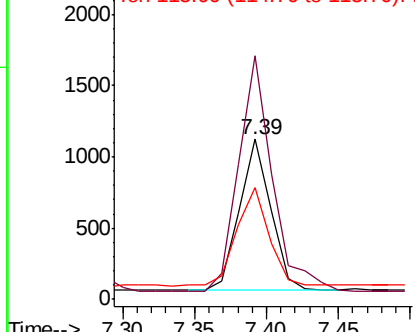
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097117.D
Acq: 31 Jul 2018 11:47

Instrument :
BNA_E
ClientSampleId :
LW-03-072618MS

Tot Ion:152 Resp: 1612
Ion Ratio Lower Upper
152 100
150 152.0 117.2 175.8
115 69.7 57.0 85.6



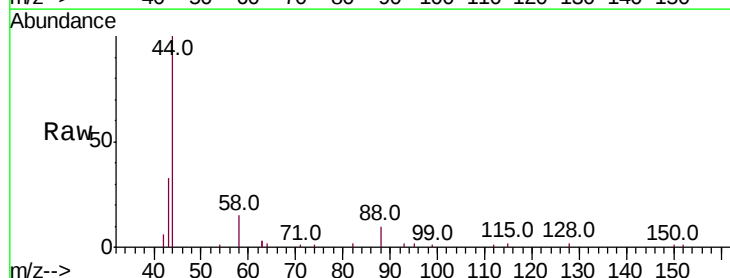
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



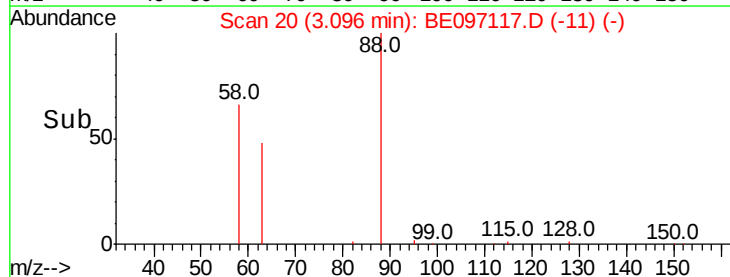
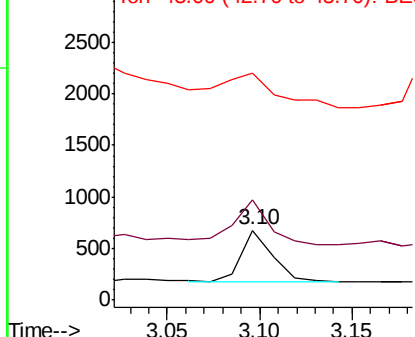
#2

1,4-Dioxane
Concen: 0.227 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097117.D
Acq: 31 Jul 2018 11:47

Tgt Ion: 88 Resp: 581
Ion Ratio Lower Upper
88 100
58 100.7 63.2 94.8#
43 127.0 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.164 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

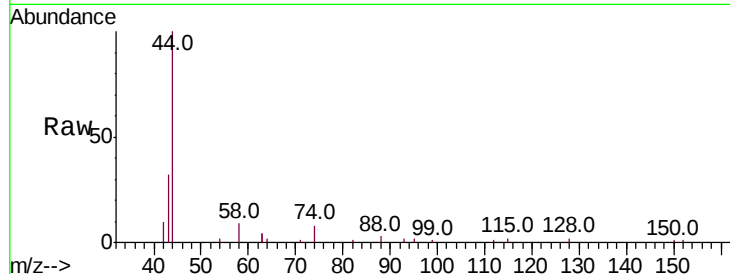
Tot Ion: 42 Resp: 471

Ion Ratio Lower Upper

42 100

74 117.0 96.0 144.0

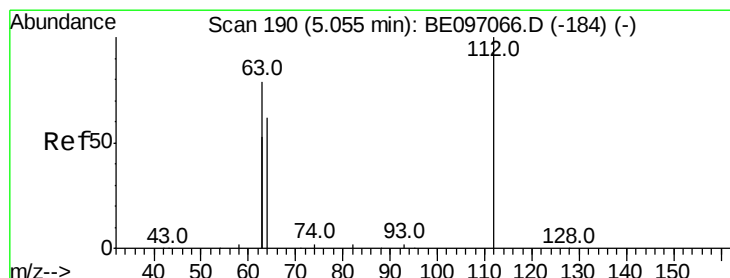
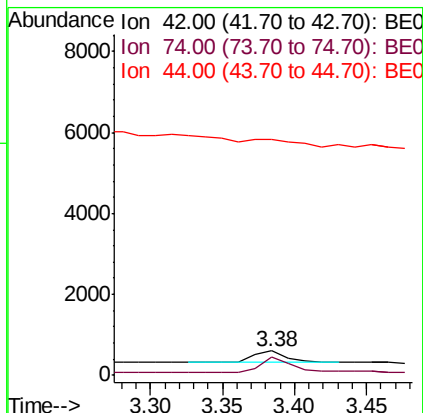
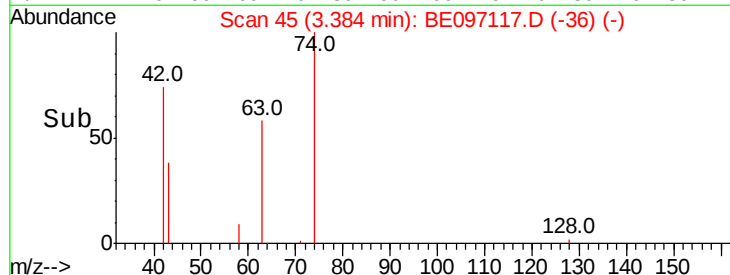
44 0.0 12.0 18.0#



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: 0.189 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

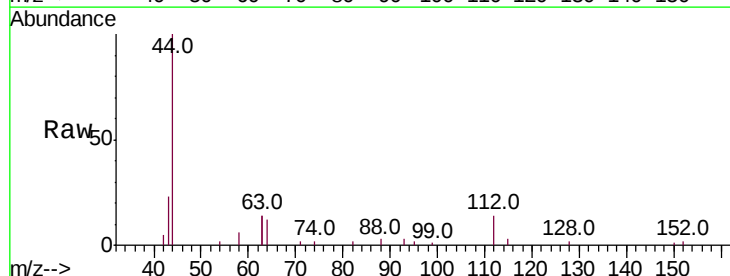
Tgt Ion: 112 Resp: 858

Ion Ratio Lower Upper

112 100

64 71.6 60.1 90.1

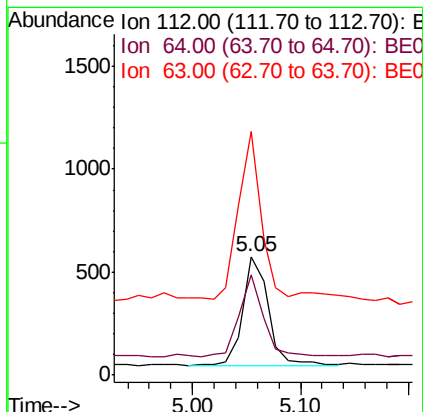
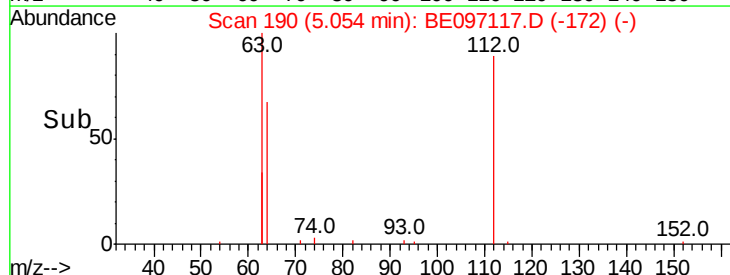
63 133.1 116.8 175.2

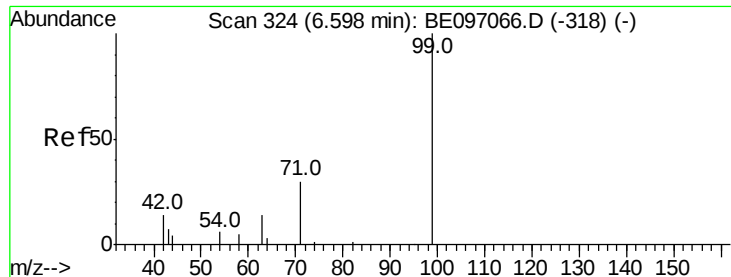


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.110 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

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LW-03-072618MS

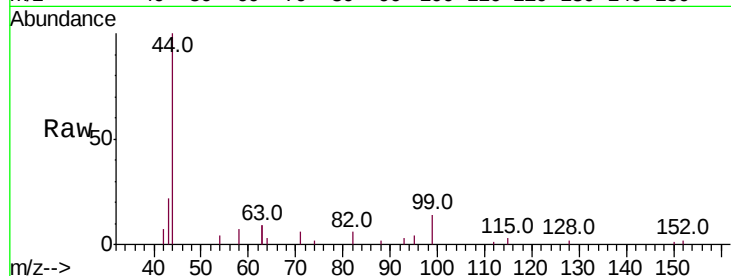
Tot Ion: 99 Resp: 733

Ion Ratio Lower Upper

99 100

42 40.8 20.2 30.2#

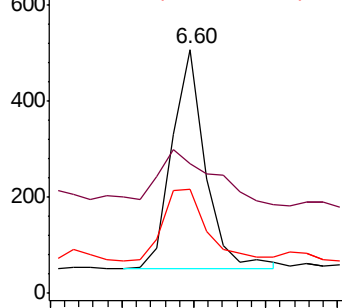
71 43.1 28.4 42.6#



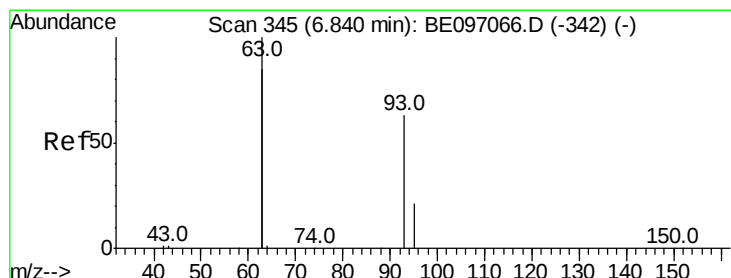
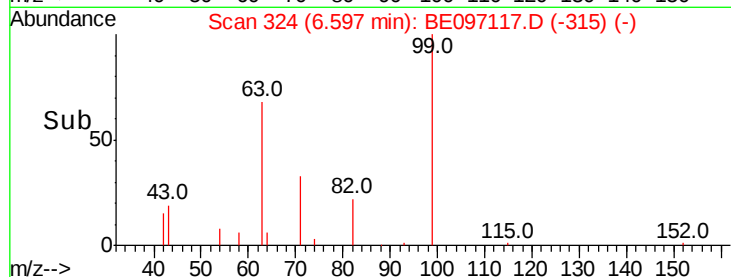
Abundance Ion 99.00 (98.70 to 99.70): BE0

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

bis(2-Chloroethyl)ether

Concen: 0.387 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

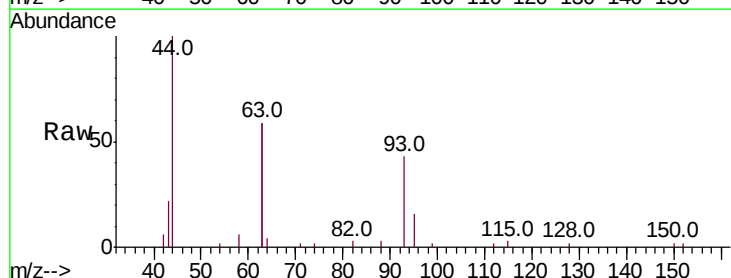
Tgt Ion: 93 Resp: 2351

Ion Ratio Lower Upper

93 100

63 317.9 275.3 412.9

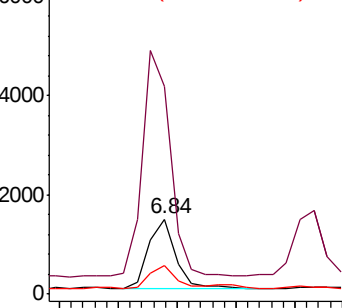
95 37.5 25.2 37.8



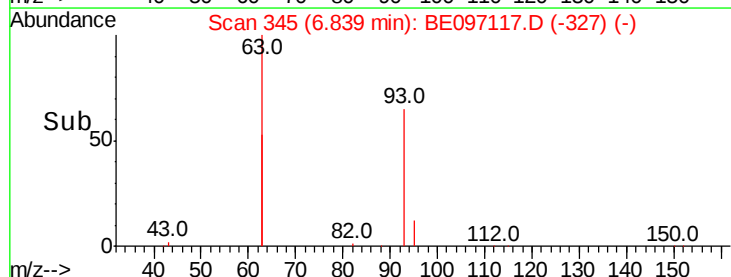
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 6.75 6.80 6.85 6.90 6.95





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

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LW-03-072618MS

Tot Ion:136 Resp: 7763

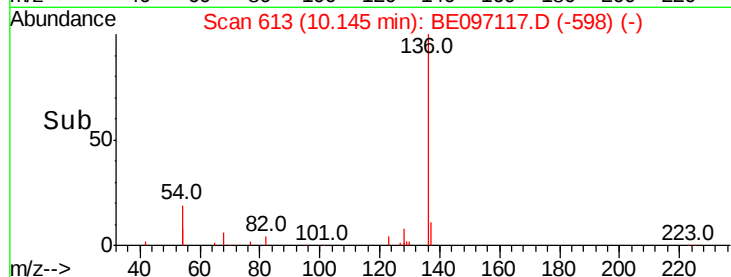
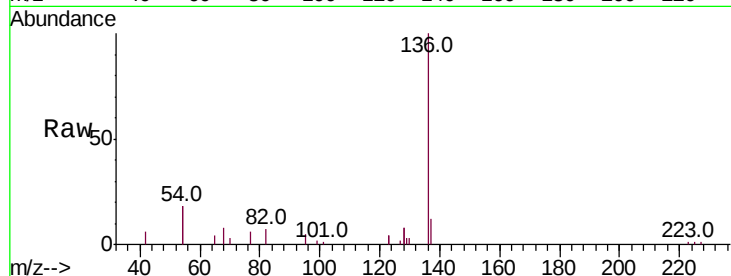
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 36.9 29.1 43.7

68 8.3 6.2 9.2

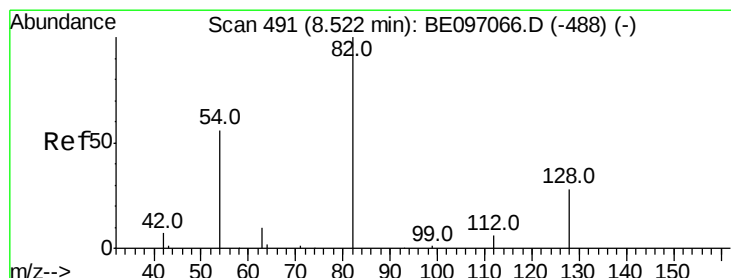
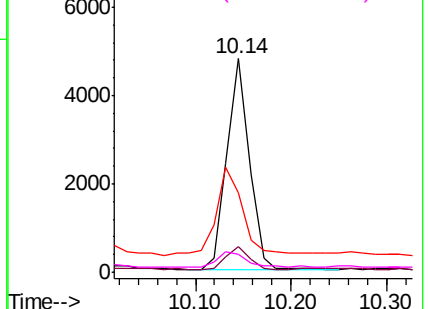


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.443 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

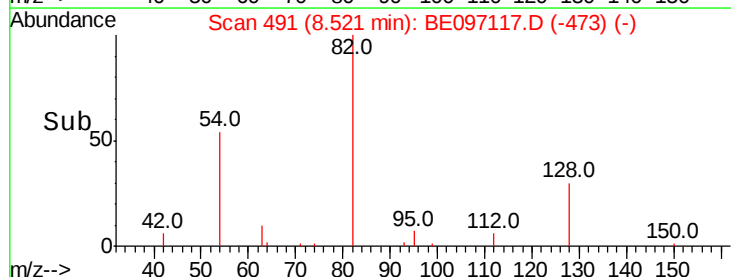
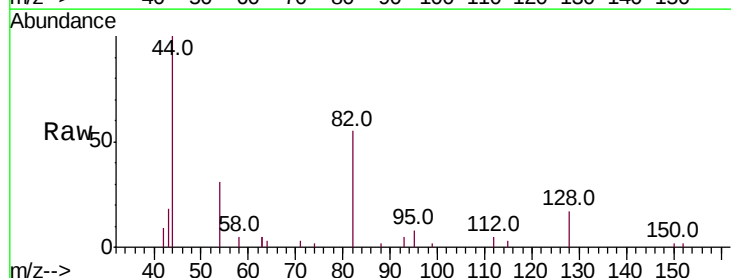
Tgt Ion: 82 Resp: 2989

Ion Ratio Lower Upper

82 100

128 32.0 24.0 36.0

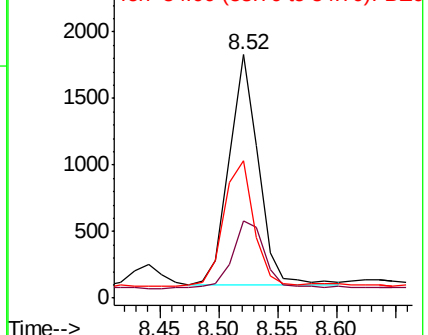
54 56.2 40.0 60.0



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: 0.417 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097117.D

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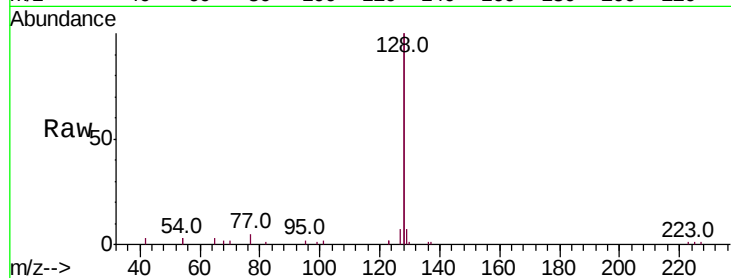
Tot Ion:128 Resp: 29058

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

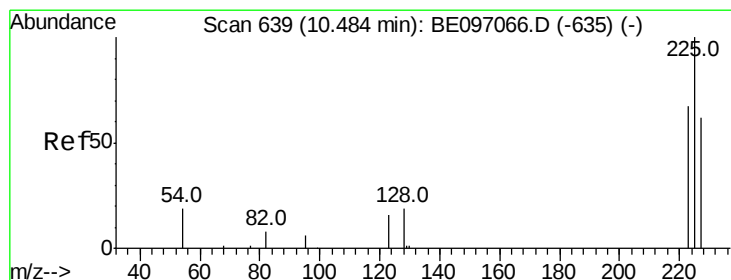
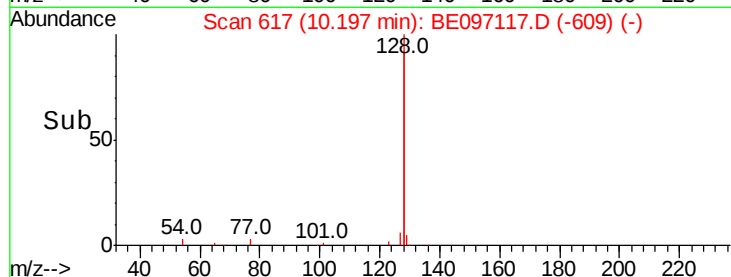
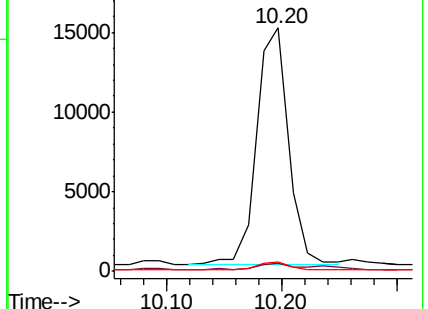
127 3.7 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.307 ng

RT: 10.48 min Scan# 639

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

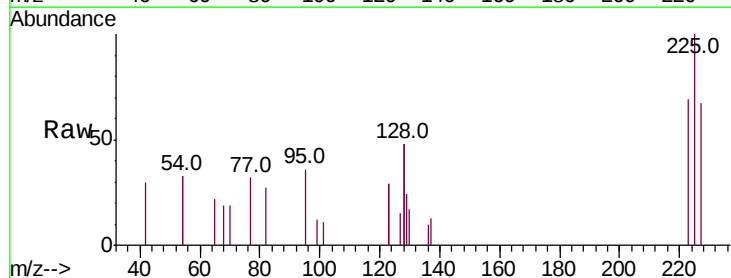
Tgt Ion:225 Resp: 959

Ion Ratio Lower Upper

225 100

223 63.6 53.0 79.6

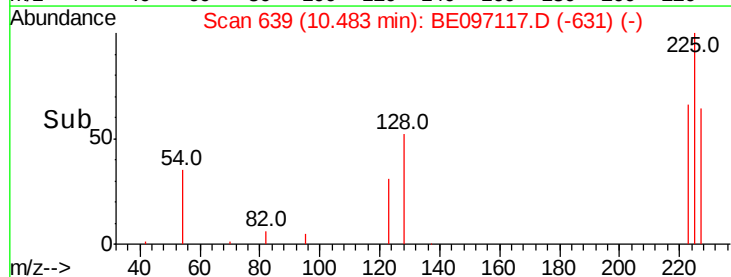
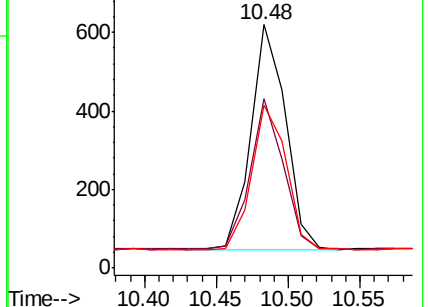
227 64.3 51.4 77.2

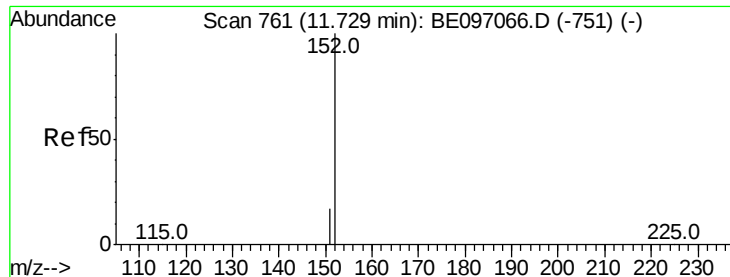


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

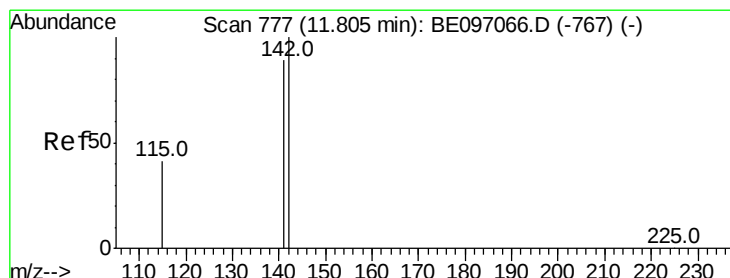
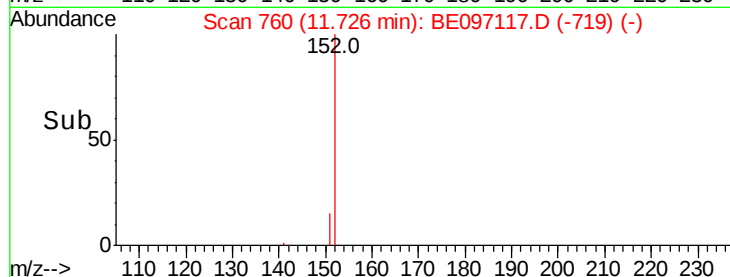
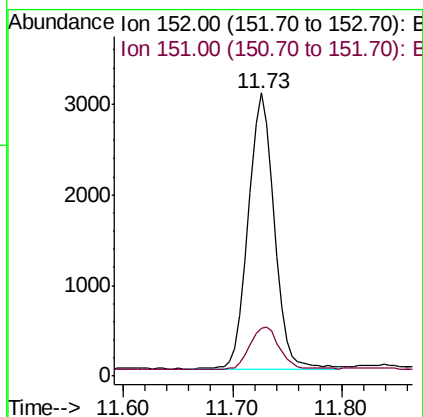
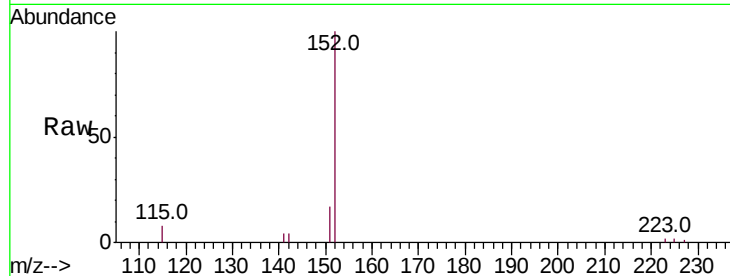




#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 11.73 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE097117.D
Acq: 31 Jul 2018 11:47

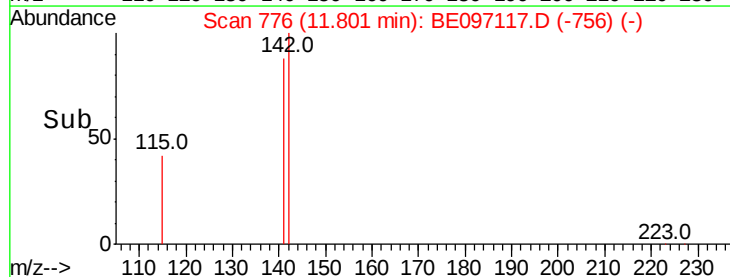
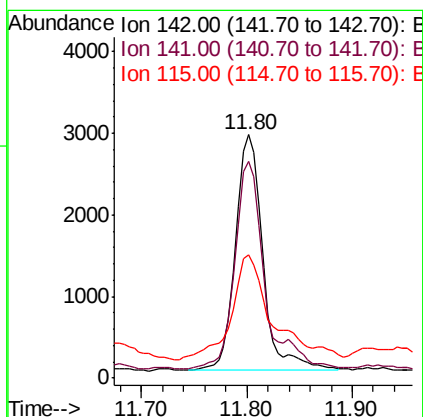
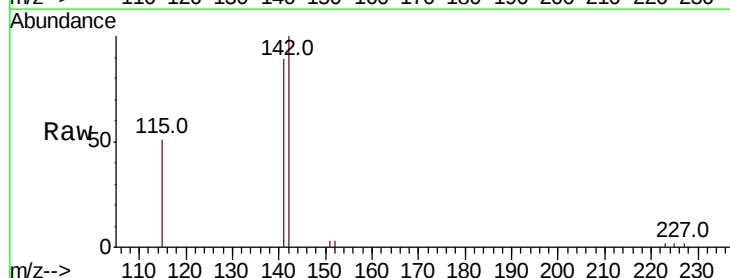
Instrument :
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ClientSampleId :
LW-03-072618MS

Tot Ion:152 Resp: 4944
Ion Ratio Lower Upper
152 100
151 17.6 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.435 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097117.D
Acq: 31 Jul 2018 11:47

Tgt Ion:142 Resp: 5195
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 50.7 31.7 47.5#

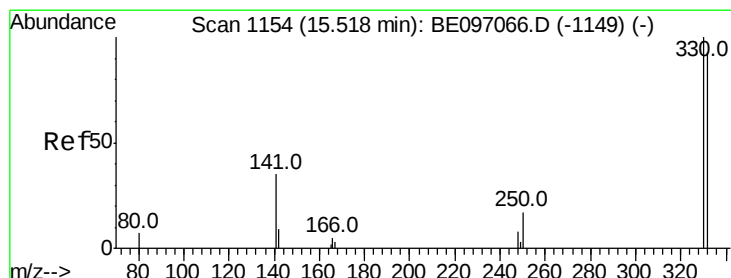
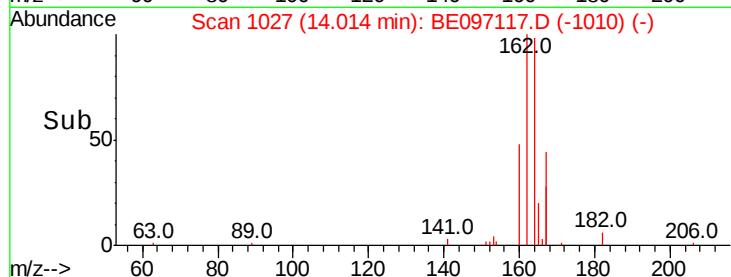
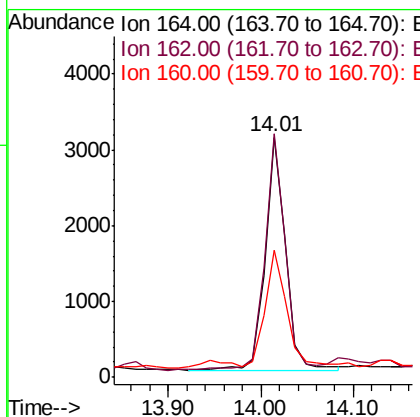
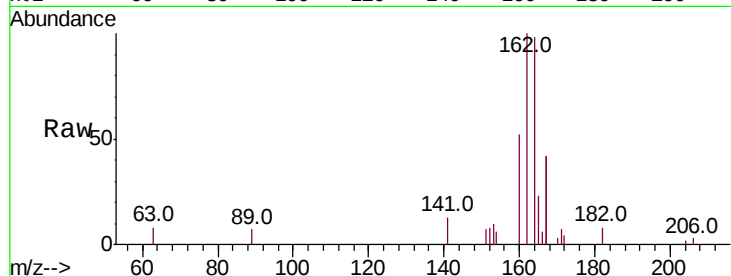




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097117.D
 Acq: 31 Jul 2018 11:47

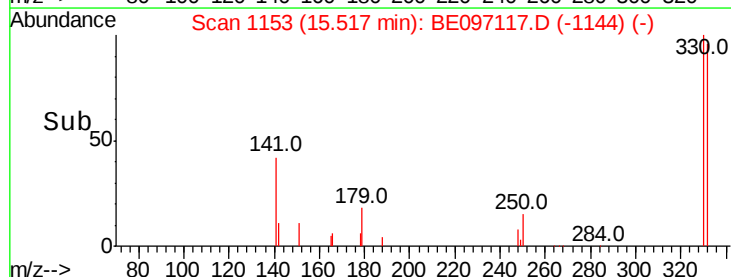
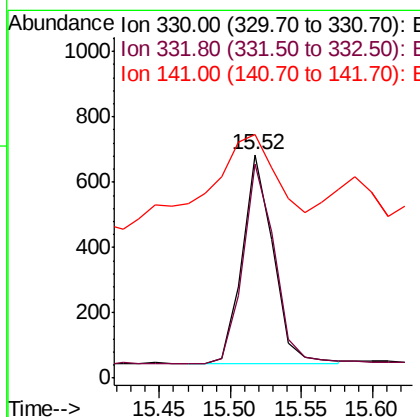
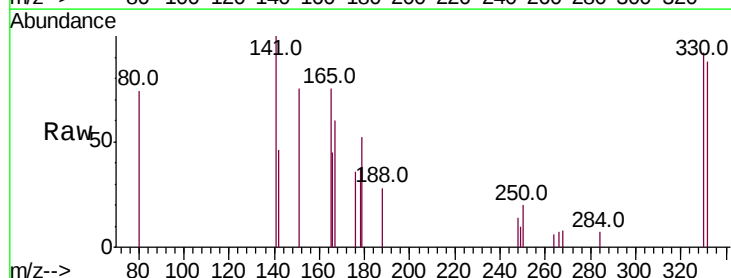
Instrument :
 BNA_E
 ClientSampleId :
 LW-03-072618MS

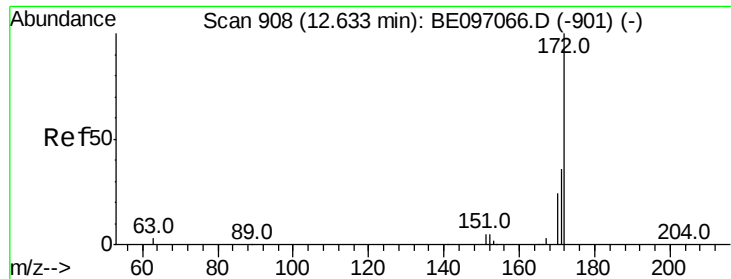
Tot Ion:164 Resp: 4788
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.1 124.7
 160 52.8 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.612 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE097117.D
 Acq: 31 Jul 2018 11:47

Tgt Ion:330 Resp: 965
 Ion Ratio Lower Upper
 330 100
 332 98.3 152.7 229.1#
 141 76.5 33.7 50.5#

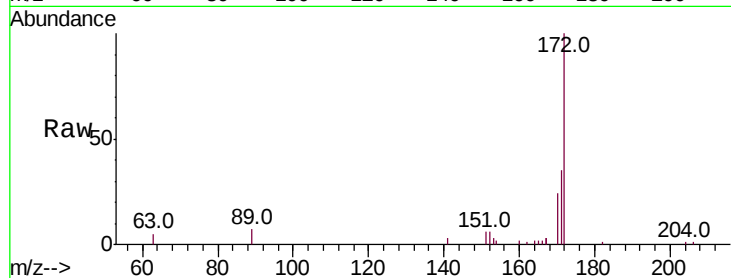




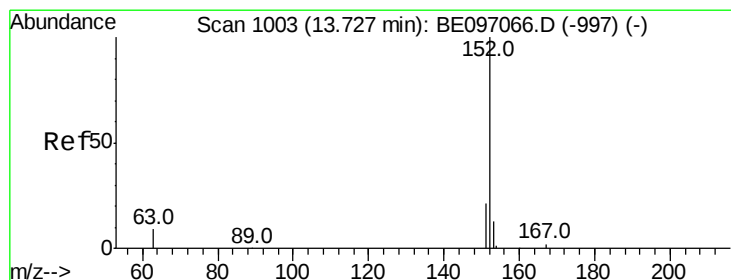
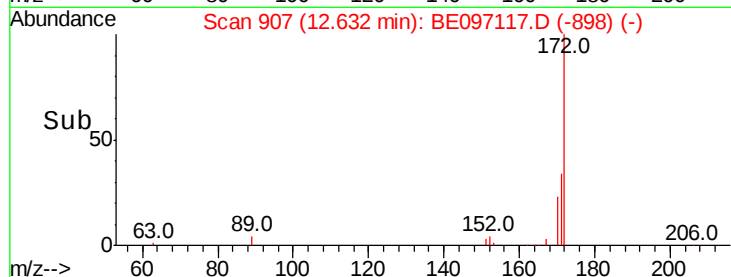
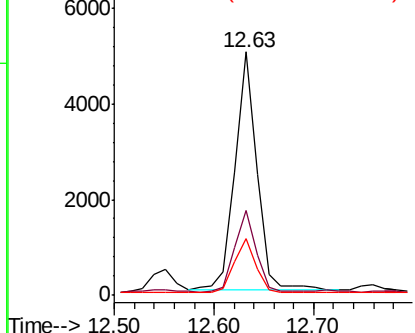
#15
2-Fluorobiphenyl
Concen: 0.464 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097117.D
Acq: 31 Jul 2018 11:47

Instrument :
BNA_E
ClientSampleId :
LW-03-072618MS

Tot Ion:172 Resp: 7678
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.5 21.8 32.8

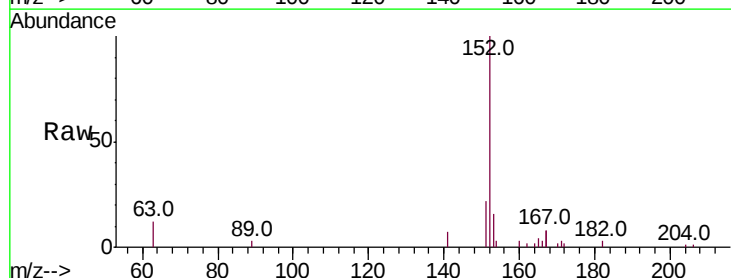


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

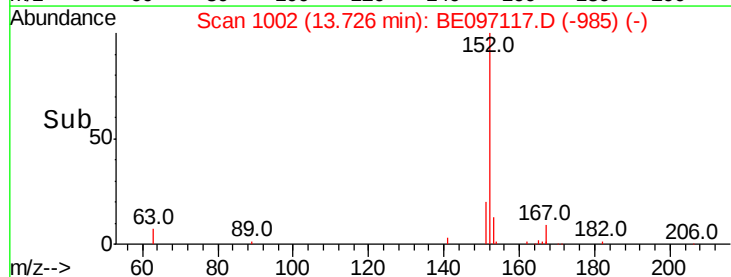
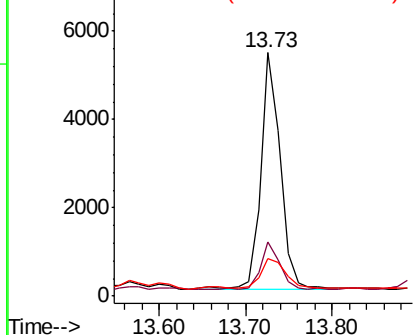


#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097117.D
Acq: 31 Jul 2018 11:47

Tgt Ion:152 Resp: 8496
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 15.8 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: 0.628 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

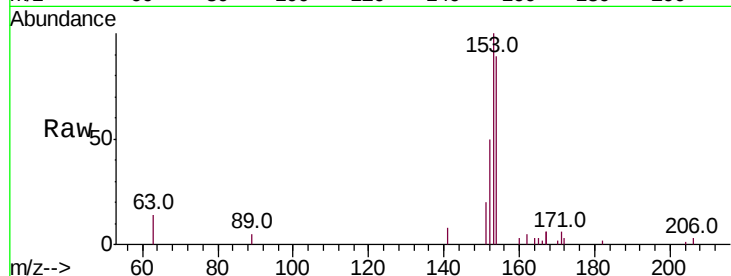
Tot Ion:154 Resp: 7846

Ion Ratio Lower Upper

154 100

153 117.0 89.2 133.8

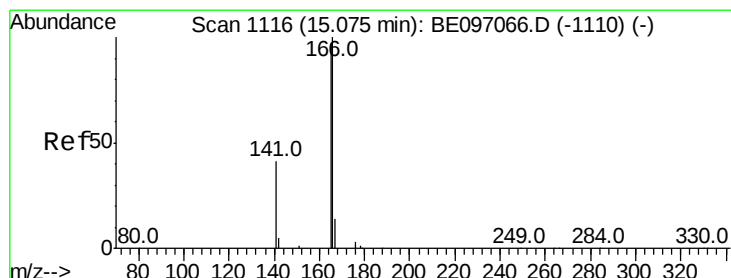
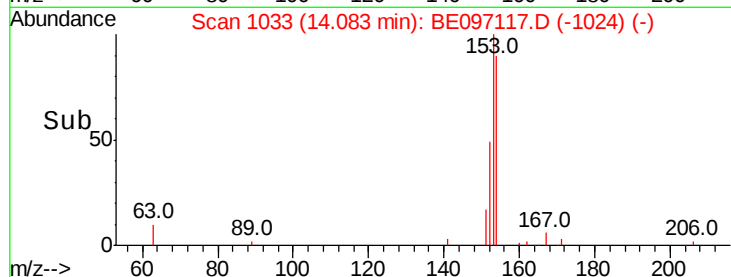
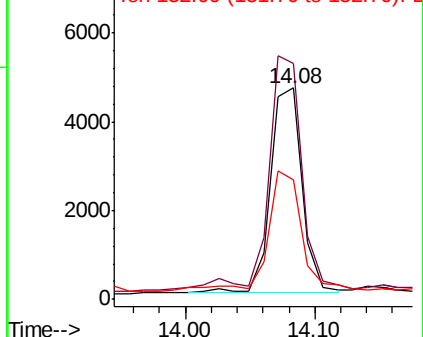
152 59.7 42.0 63.0



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: 0.465 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

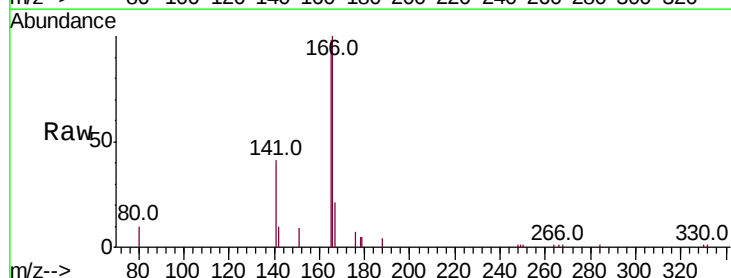
Tgt Ion:166 Resp: 7673

Ion Ratio Lower Upper

166 100

165 88.4 77.8 116.6

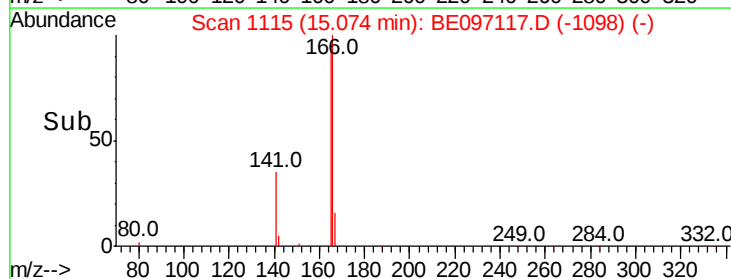
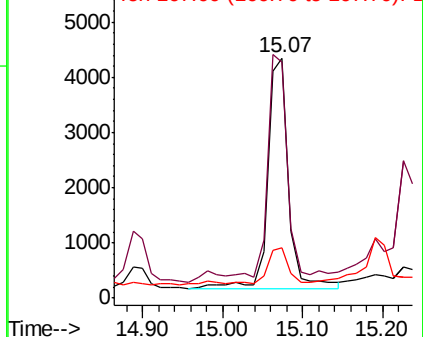
167 13.7 42.4 63.6#



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: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

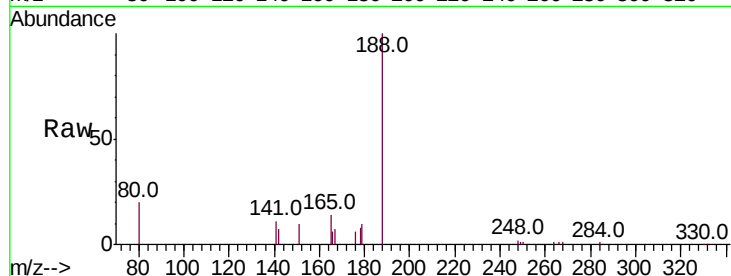
Tot Ion:188 Resp: 13852

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

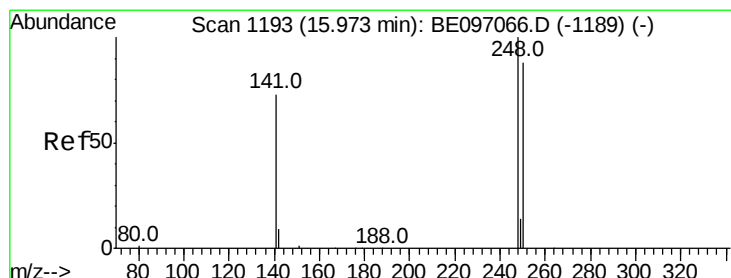
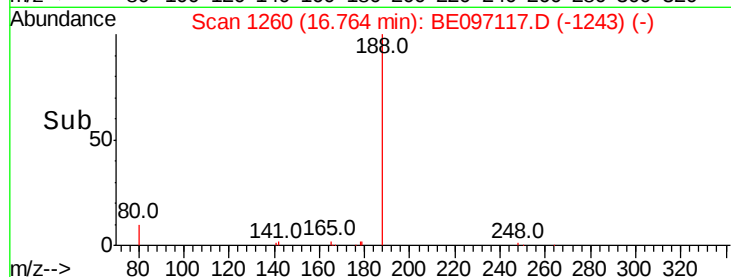
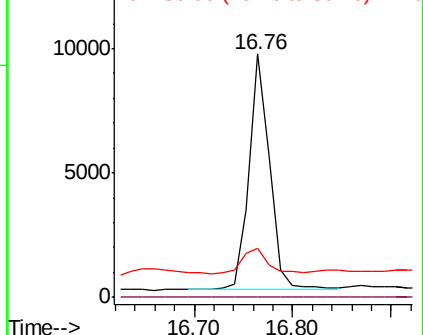
80 20.1 3.6 5.4#



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: 0.329 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

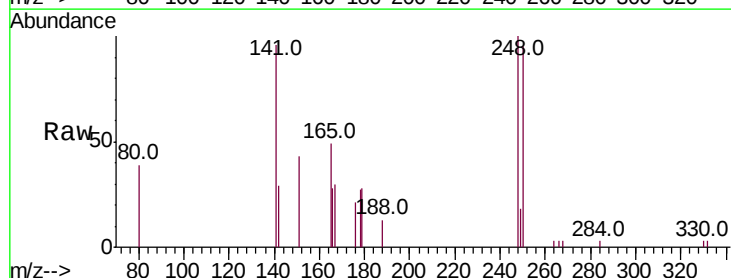
Tgt Ion:248 Resp: 2214

Ion Ratio Lower Upper

248 100

250 94.6 62.7 94.1#

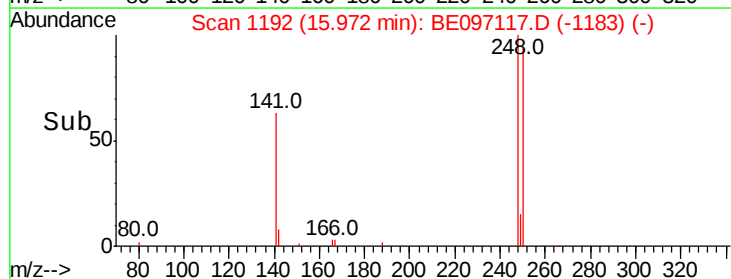
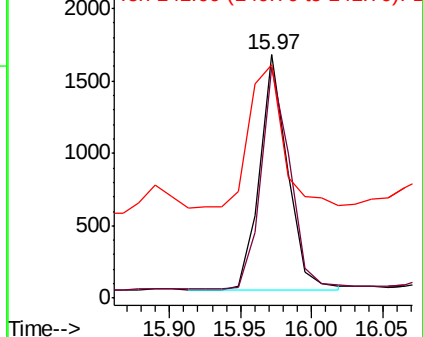
141 95.8 48.2 72.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.289 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

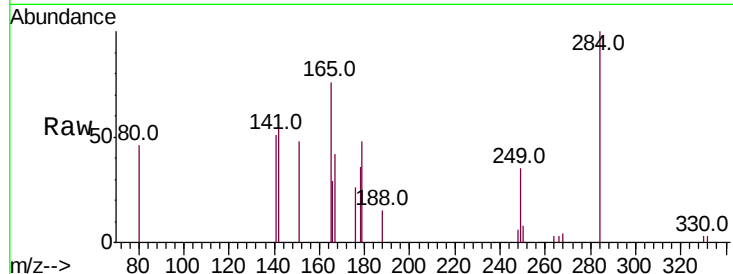
Tot Ion:284 Resp: 2090

Ion Ratio Lower Upper

284 100

142 55.8 22.1 33.1#

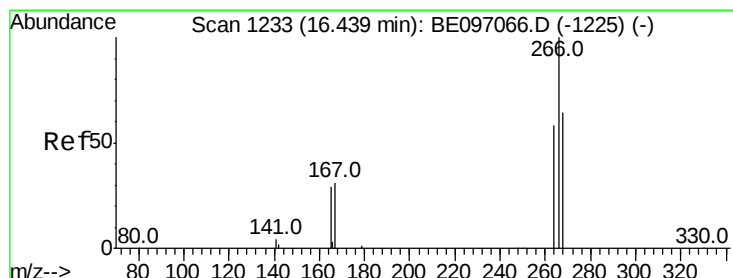
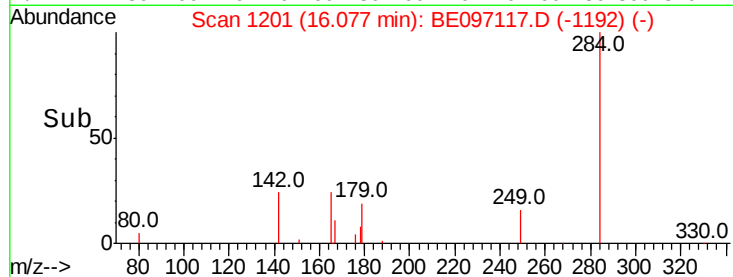
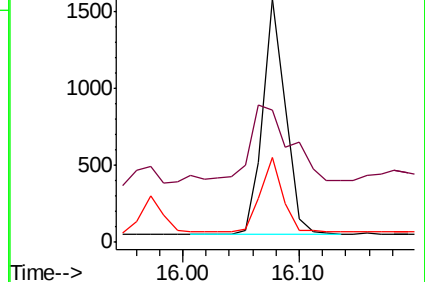
249 31.2 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.463 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

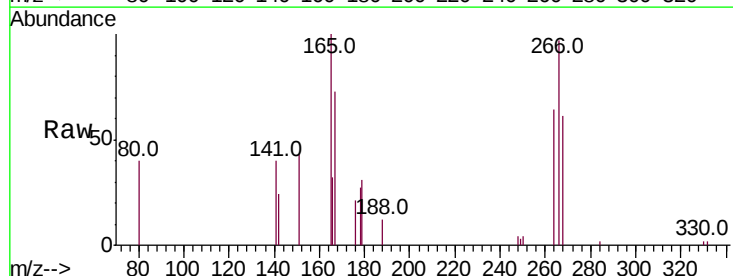
Tgt Ion:266 Resp: 3244

Ion Ratio Lower Upper

266 100

264 66.0 72.5 108.7#

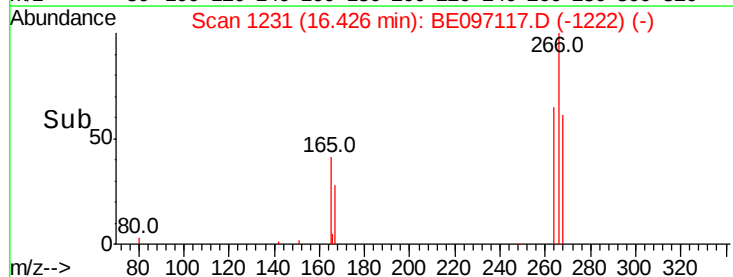
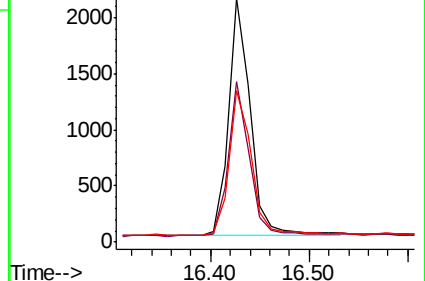
268 62.2 73.8 110.6#



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: 0.449 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

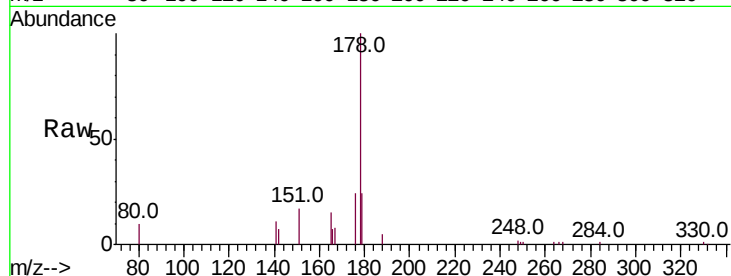
Tot Ion:178 Resp: 14835

Ion Ratio Lower Upper

178 100

176 21.7 15.1 22.7

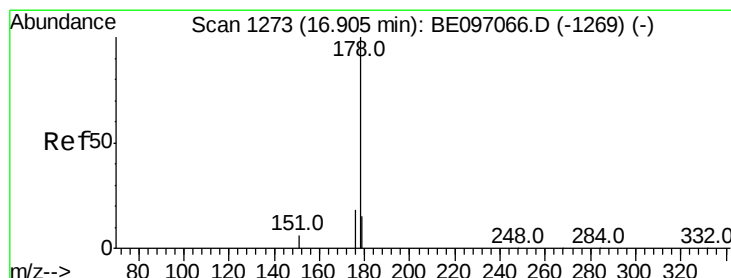
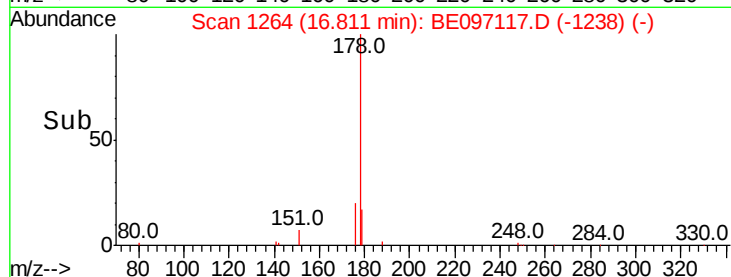
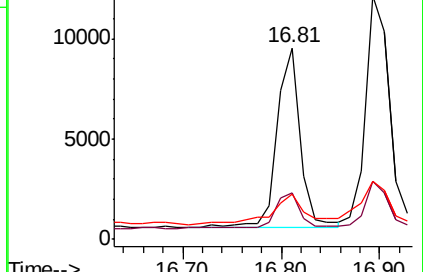
179 24.0 11.8 17.6#



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: 0.628 ng

RT: 16.89 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

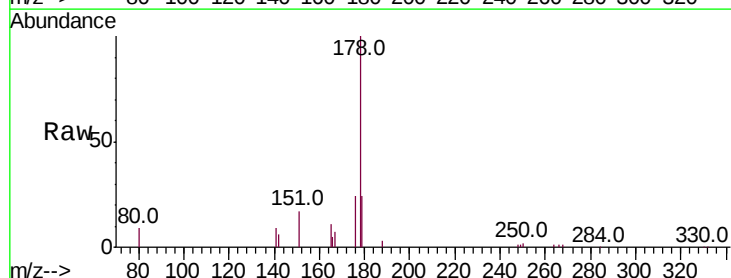
Tgt Ion:178 Resp: 18538

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

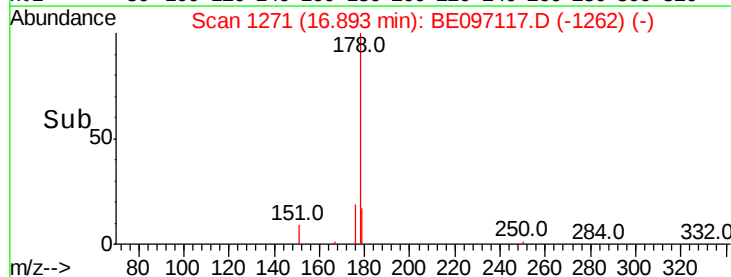
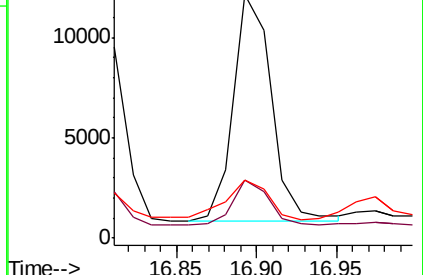
179 19.5 13.0 19.6

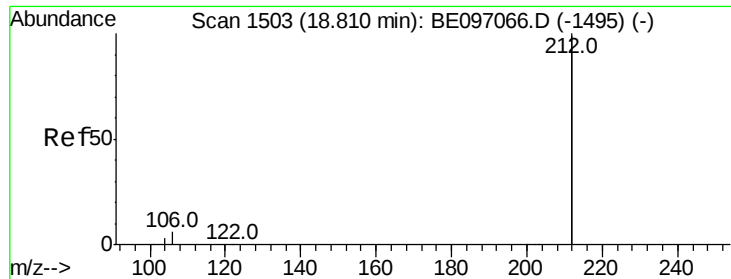


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.492 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

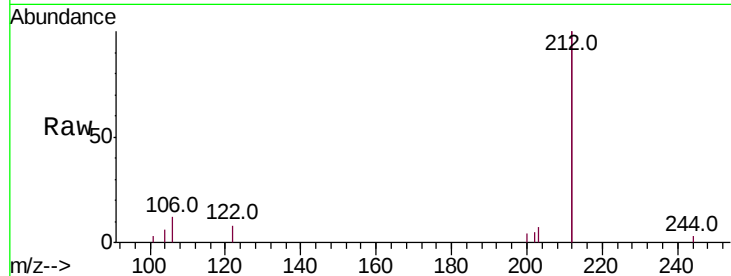
Tot Ion:212 Resp: 68167

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

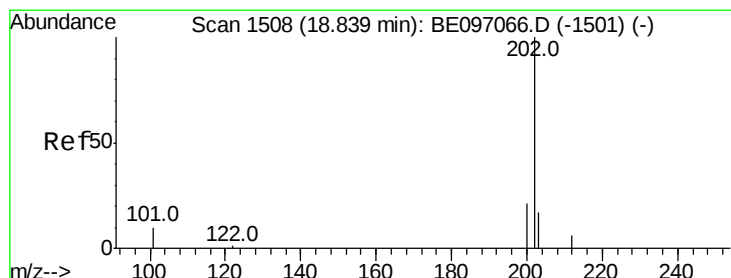
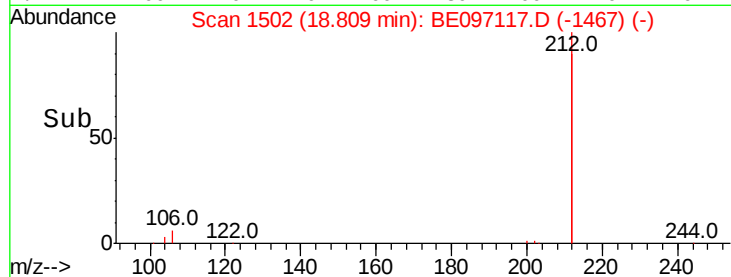
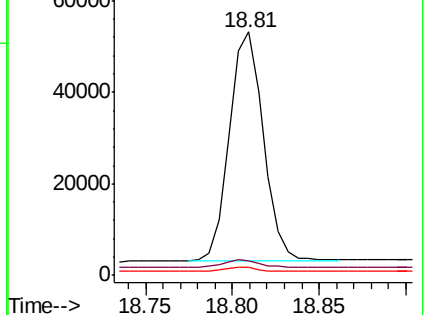
104 2.2 1.6 2.4



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: 0.555 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

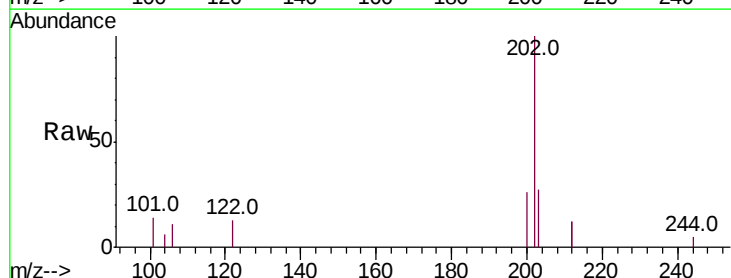
Tgt Ion:202 Resp: 20573

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

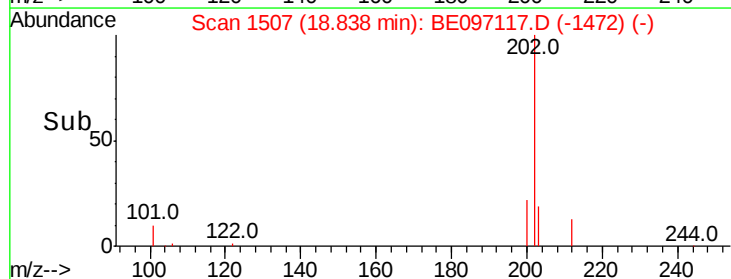
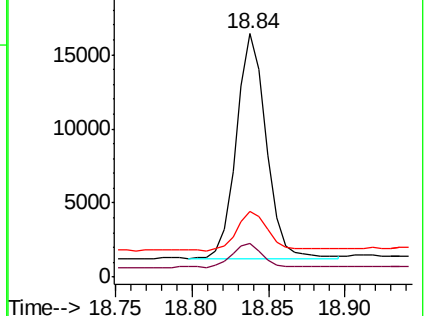
203 18.8 13.7 20.5



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

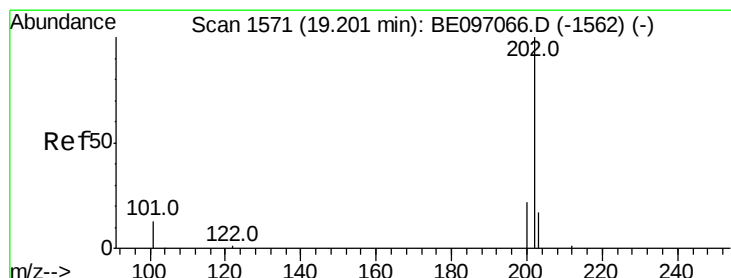
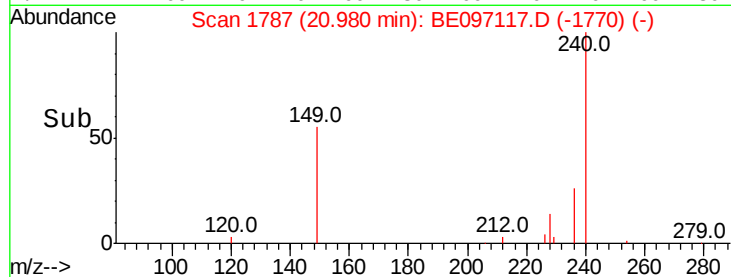
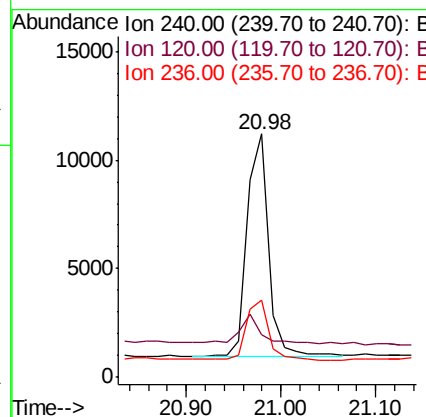
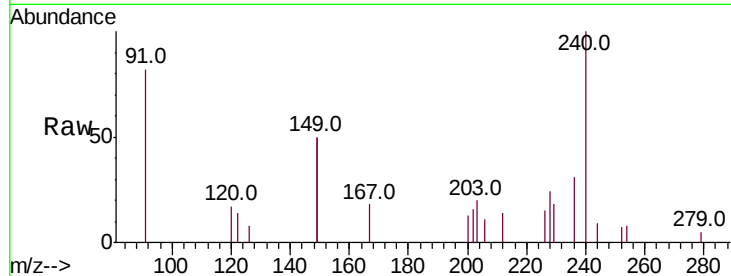




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097117.D
 Acq: 31 Jul 2018 11:47

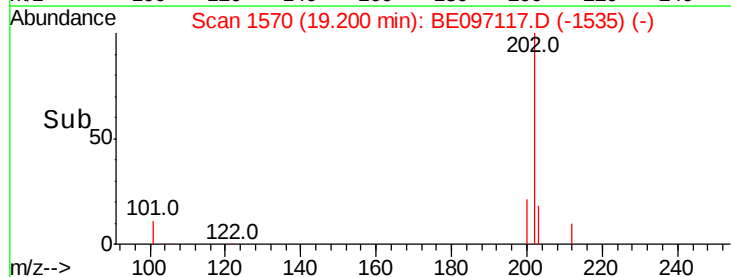
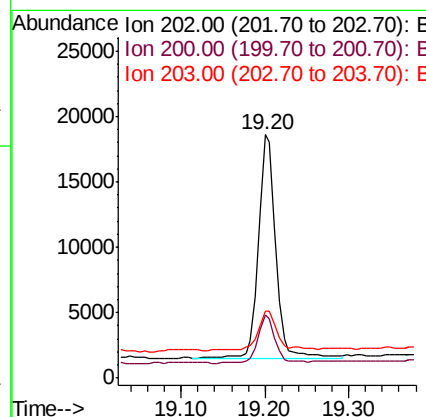
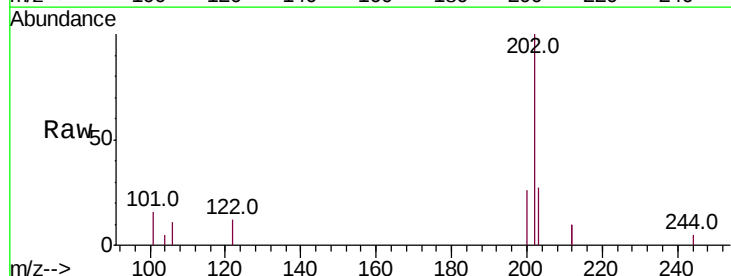
Instrument :
 BNA_E
 ClientSampleId :
 LW-03-072618MS

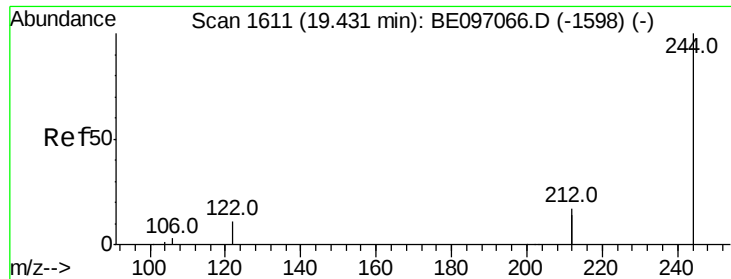
Tot Ion:240 Resp: 16024
 Ion Ratio Lower Upper
 240 100
 120 17.4 5.5 8.3#
 236 31.5 20.7 31.1#



#28
 Pyrene
 Concen: 0.563 ng
 RT: 19.20 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BE097117.D
 Acq: 31 Jul 2018 11:47

Tgt Ion:202 Resp: 24738
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.6 25.0
 203 18.0 13.8 20.8





#29

Terphenyl-d14

Concen: 0.518 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

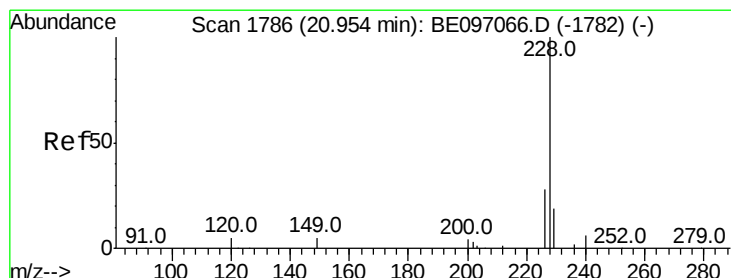
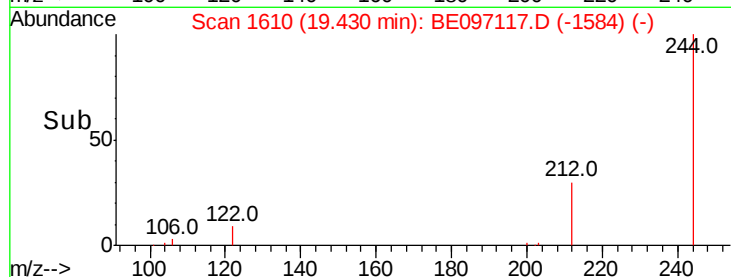
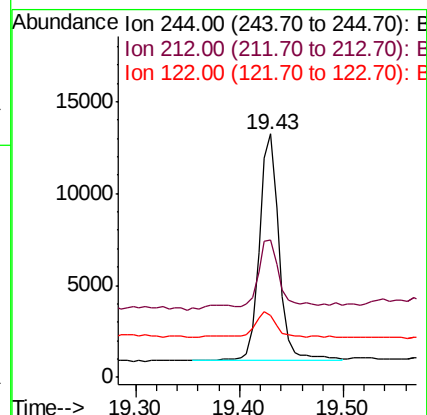
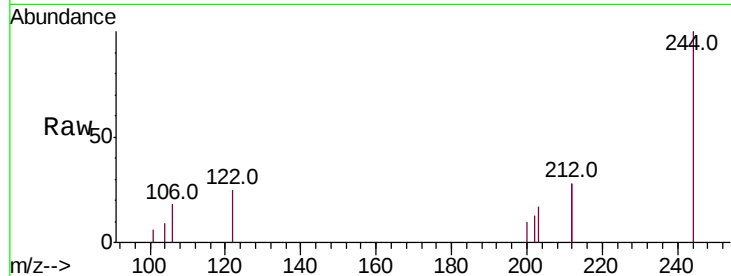
Tot Ion:244 Resp: 15962

Ion Ratio Lower Upper

244 100

212 56.6 25.4 38.0#

122 25.2 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.472 ng

RT: 20.96 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

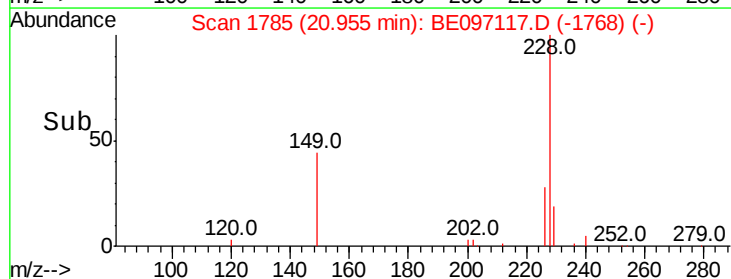
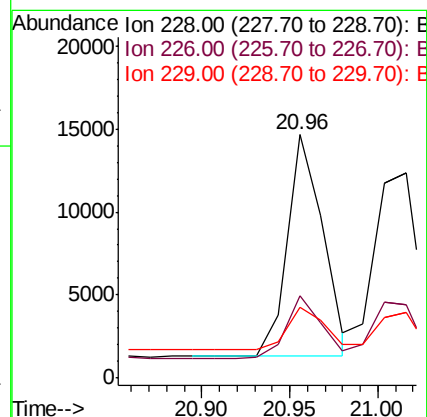
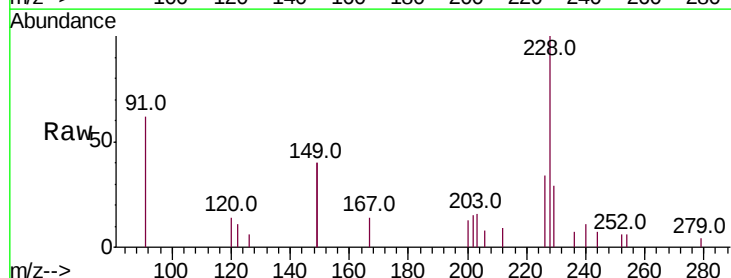
Tgt Ion:228 Resp: 18829

Ion Ratio Lower Upper

228 100

226 34.0 24.0 36.0

229 29.1 16.0 24.0#





#31

Chrysene

Concen: 0.438 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.01 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

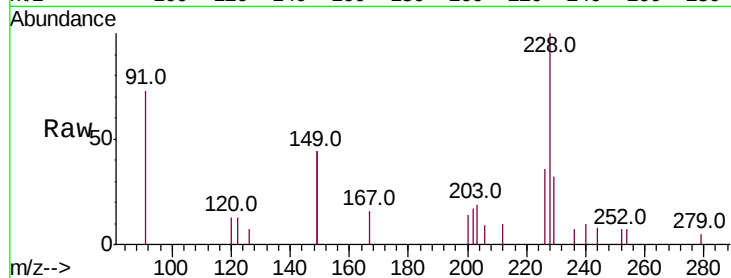
Tot Ion:228 Resp: 18710

Ion Ratio Lower Upper

228 100

226 35.7 24.0 36.0

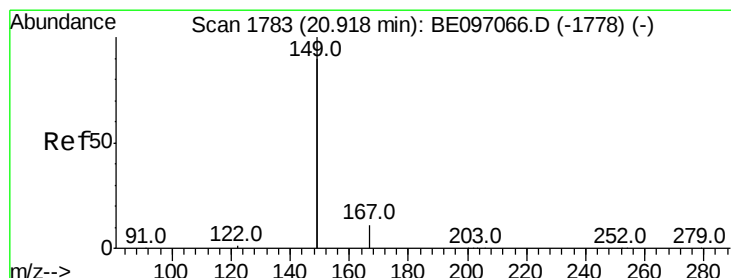
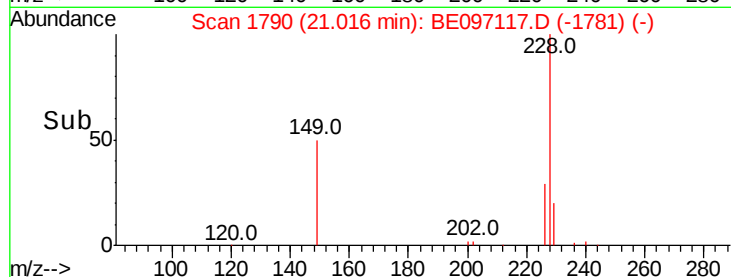
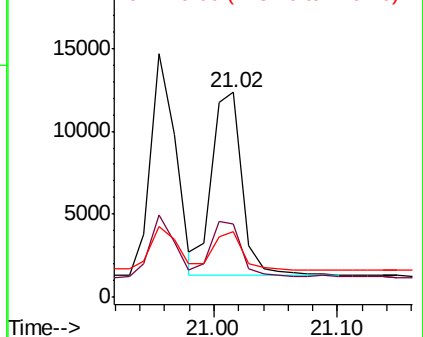
229 31.8 16.0 24.0#



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: 1.015 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

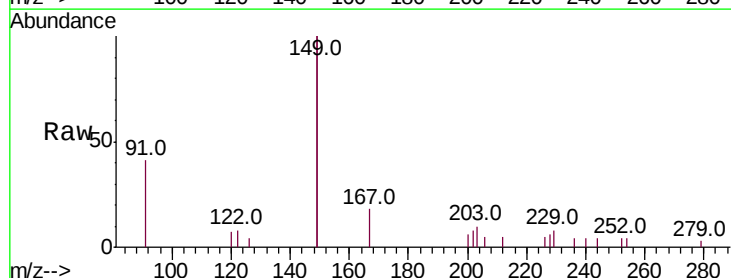
Tgt Ion:149 Resp: 46773

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

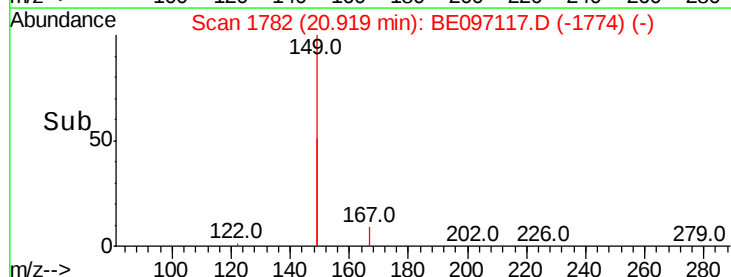
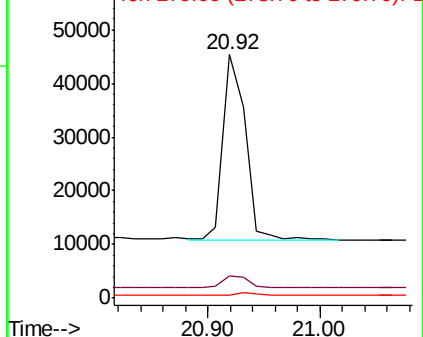
279 1.1 0.7 1.1#



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

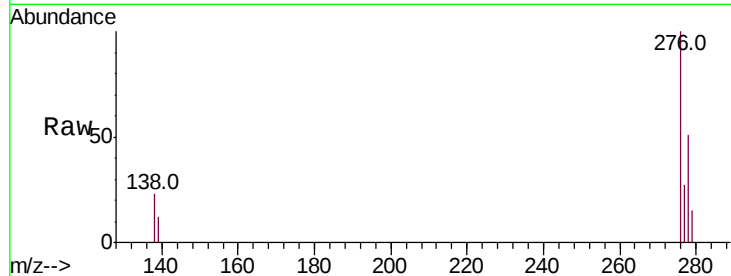




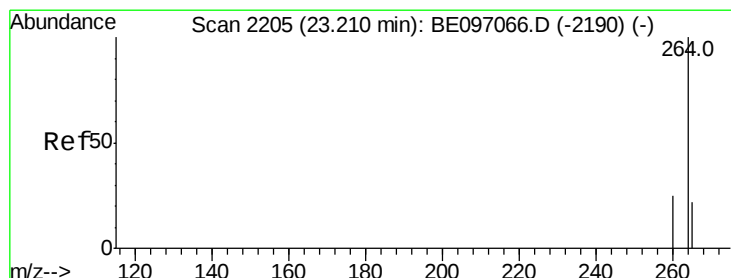
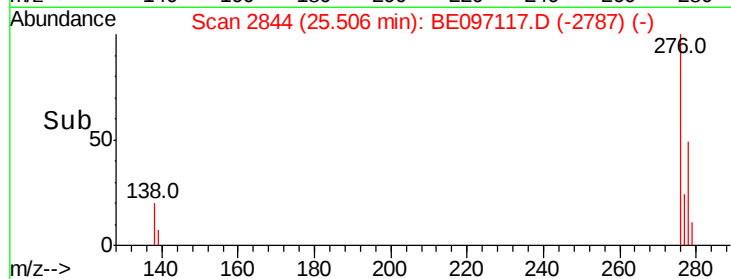
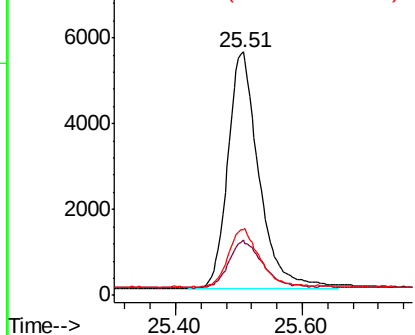
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.489 ng
 RT: 25.51 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BE097117.D
 Acq: 31 Jul 2018 11:47

Instrument :
 BNA_E
 ClientSampleId :
 LW-03-072618MS

Tot Ion:276 Resp: 18910
 Ion Ratio Lower Upper
 276 100
 138 22.1 22.5 33.7#
 277 24.8 19.9 29.9

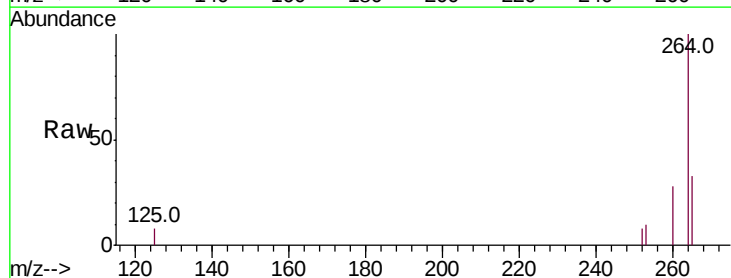


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

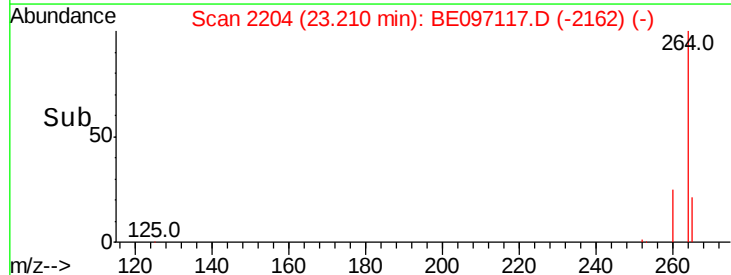
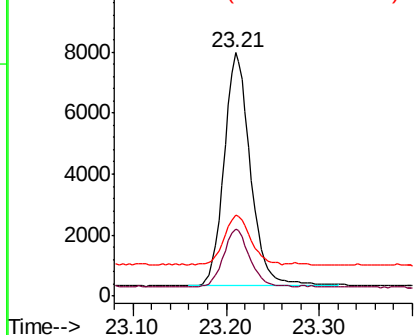


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE097117.D
 Acq: 31 Jul 2018 11:47

Tgt Ion:264 Resp: 15089
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.5 30.7
 265 33.5 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.456 ng

RT: 22.58 min Scan# 2028

Delta R.T. 0.05 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

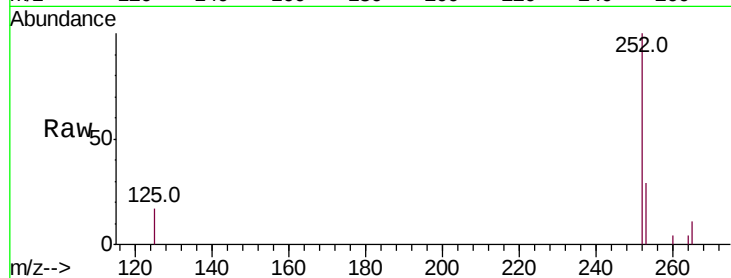
Tot Ion:252 Resp: 17457

Ion Ratio Lower Upper

252 100

253 29.2 20.0 30.0

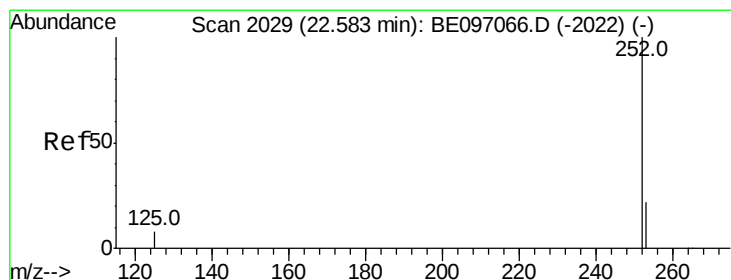
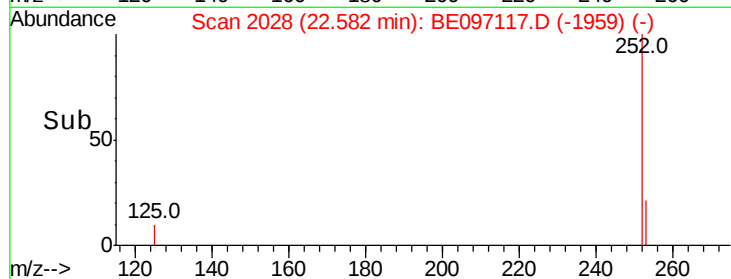
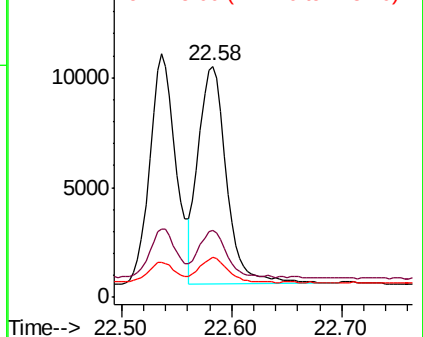
125 17.1 16.0 24.0



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



#36

Benzo(k)fluoranthene

Concen: 0.390 ng

RT: 22.58 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

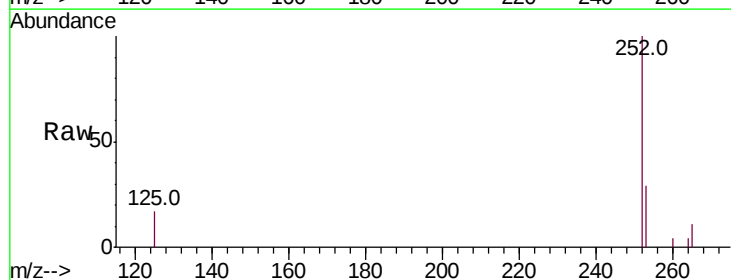
Tgt Ion:252 Resp: 17453

Ion Ratio Lower Upper

252 100

253 29.2 16.0 24.0#

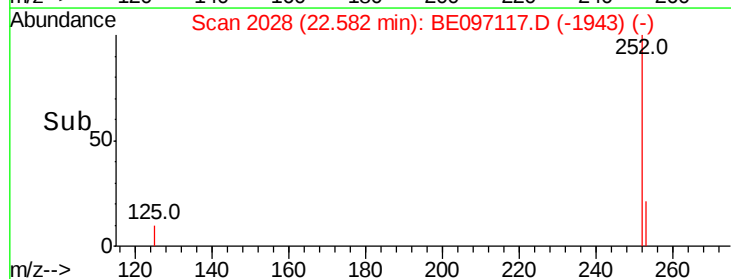
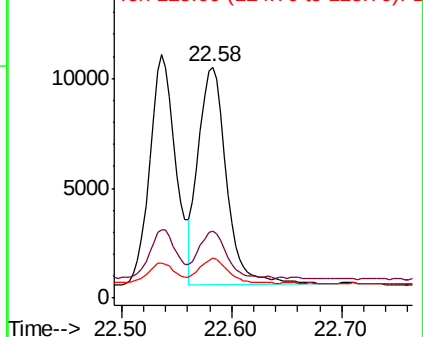
125 17.1 8.0 12.0#

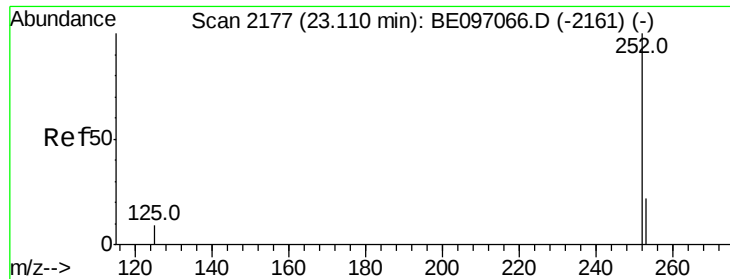


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.452 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

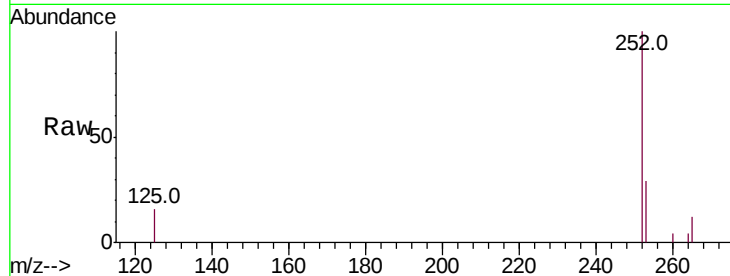
Tot Ion:252 Resp: 16284

Ion Ratio Lower Upper

252 100

253 29.0 16.0 24.0#

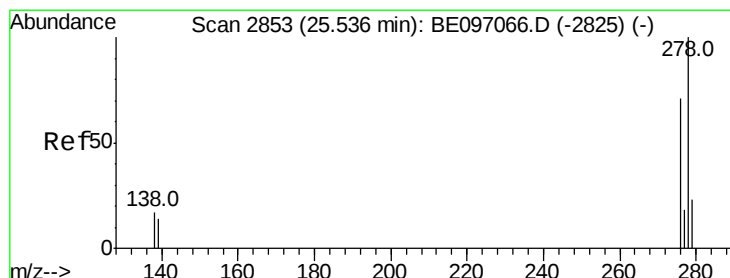
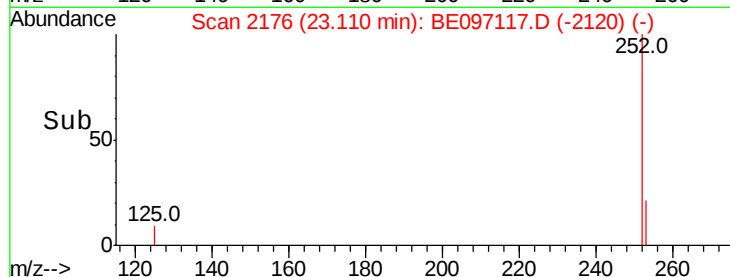
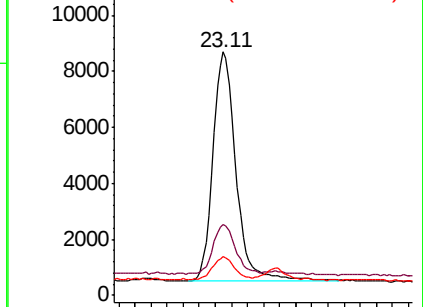
125 15.8 12.0 18.0



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: 0.425 ng

RT: 25.53 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

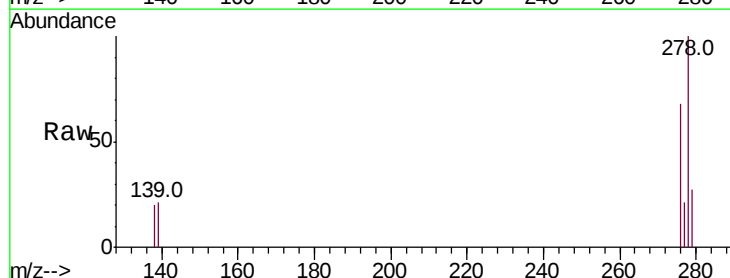
Tgt Ion:278 Resp: 15288

Ion Ratio Lower Upper

278 100

139 20.6 16.0 24.0

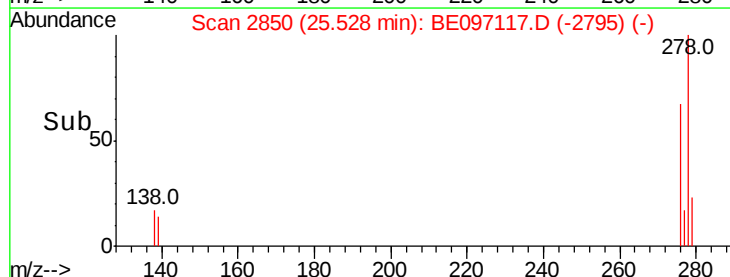
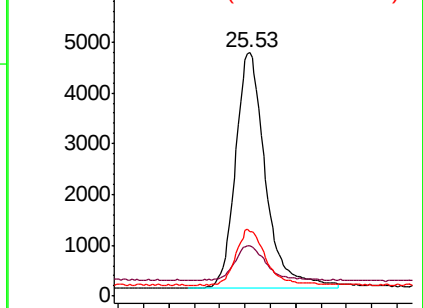
279 26.7 20.0 30.0



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(a,h,i)perylene

Concen: 0.425 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE097117.D

Acq: 31 Jul 2018 11:47

Instrument :

BNA_E

ClientSampleId :

LW-03-072618MS

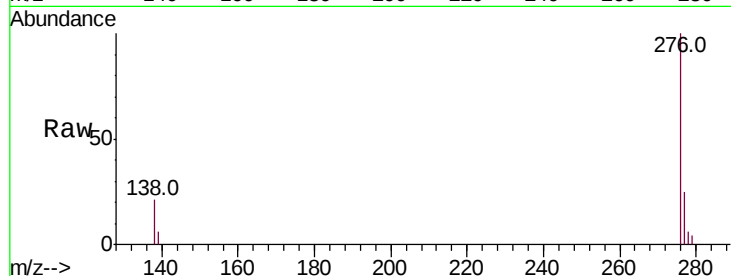
Tot Ion:276 Resp: 16203

Ion Ratio Lower Upper

276 100

277 25.0 16.0 24.0#

138 21.4 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

