

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094923.D
 Acq On : 5 Dec 2017 20:15
 Operator : SJ/JU
 Sample : I6698-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW08I-20171129MS

Quant Time: Dec 06 04:04:28 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	8895	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	20137	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	12247	0.40	ng	0.00
19) Phenanthrene-d10	17.79	188	26259	0.40	ng	0.01
27) Chrysene-d12	21.89	240	29427	0.40	ng	0.00
34) Perylene-d12	24.57	264	22322	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2679	0.19	ng	0.00
5) Phenol-d6	7.59	99	2740	0.13	ng	0.00
8) Nitrobenzene-d5	9.66	82	4522	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	12917	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1499	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	25506	0.49	ng	0.00
25) Fluoranthene-d10	19.76	212	141197	0.39	ng	0.00
29) Terphenyl-d14	20.33	244	28703	0.53	ng	0.00

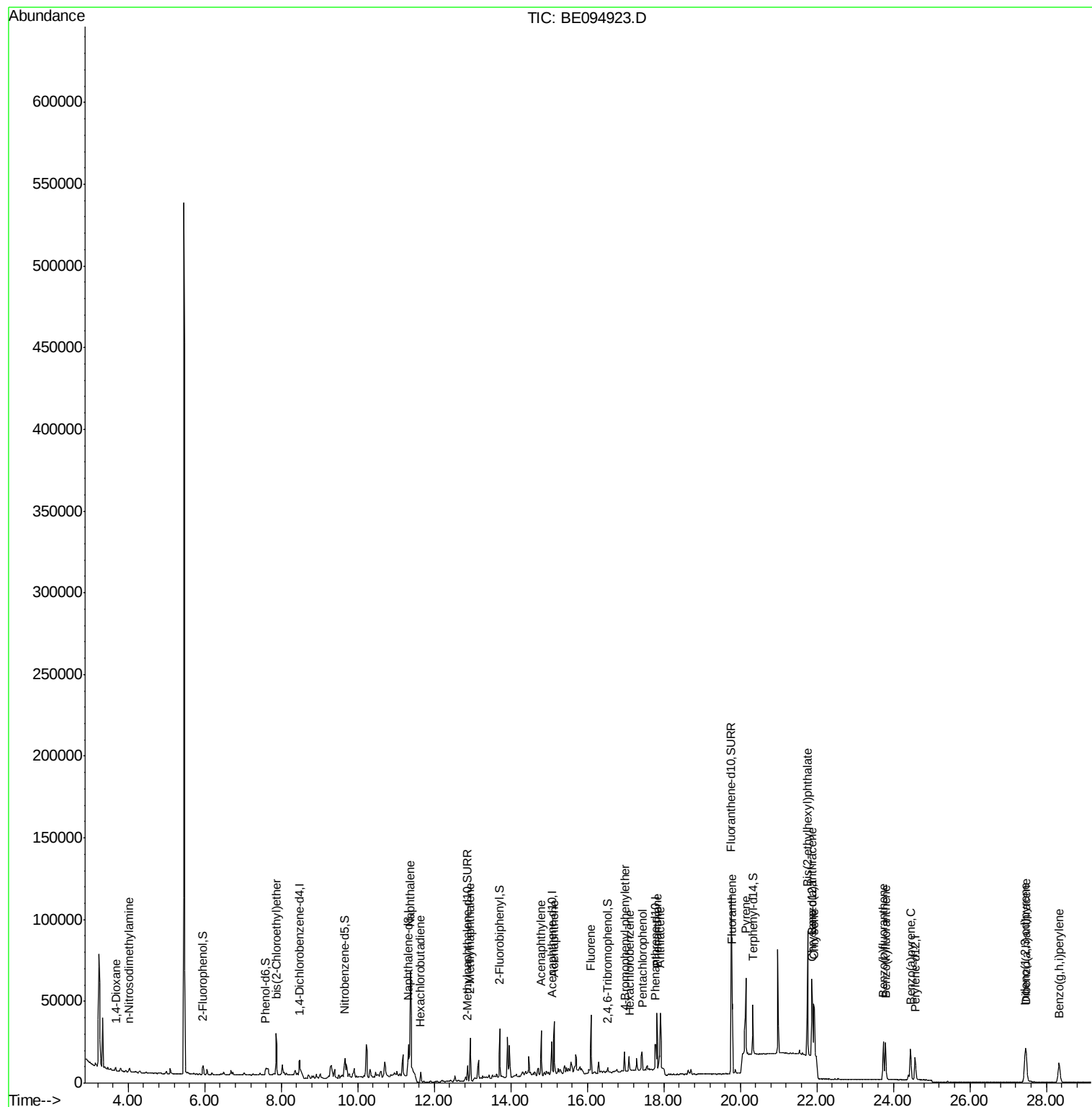
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.68	88	1581	0.170	ng	# 59
3) n-Nitrosodimethylamine	4.02	42	2277	0.192	ng	# 77
6) bis(2-Chloroethyl)ether	7.88	93	8686	0.420	ng	100
9) Naphthalene	11.38	128	104834	0.444	ng	100
10) Hexachlorobutadiene	11.64	225	4195	0.421	ng	97
12) 2-Methylnaphthalene	12.94	142	26716	0.455	ng	95
16) Acenaphthylene	14.79	152	28720	0.415	ng	# 94
17) Acenaphthene	15.14	154	17675	0.395	ng	94
18) Fluorene	16.10	166	22913	0.403	ng	# 79
20) 4-Bromophenyl-phenylether	16.98	248	6653	0.454	ng	# 76
21) Hexachlorobenzene	17.10	284	6124	0.429	ng	# 72
22) Pentachlorophenol	17.43	266	5733	1.345	ng	# 72
23) Phenanthrene	17.82	178	36532	0.437	ng	94
24) Anthracene	17.91	178	44659	0.503	ng	# 76
26) Fluoranthene	19.79	202	45541	0.423	ng	99
28) Pyrene	20.14	202	55833	0.549	ng	95
30) Benzo(a)anthracene	21.87	228	40811	0.452	ng	# 63
31) Chrysene	21.92	228	41616	0.417	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.76	149	93544	0.626	ng	100
33) Indeno(1,2,3-cd)pyrene	27.44	276	34609	0.424	ng	98
35) Benzo(b)fluoranthene	23.74	252	35387	0.434	ng	# 41
36) Benzo(k)fluoranthene	23.79	252	34238	0.412	ng	# 41
37) Benzo(a)pyrene	24.45	252	32631	0.457	ng	# 34
38) Dibenzo(a,h)anthracene	27.47	278	28202	0.427	ng	# 43
39) Benzo(g,h,i)perylene	28.34	276	29373	0.446	ng	# 52

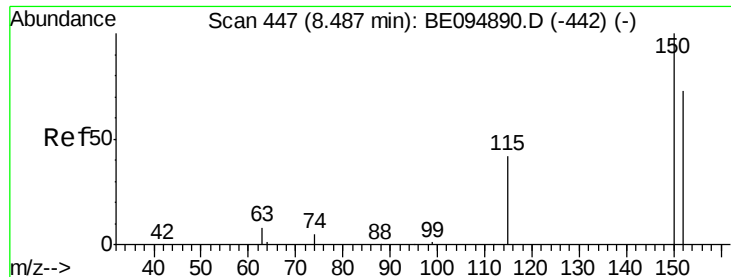
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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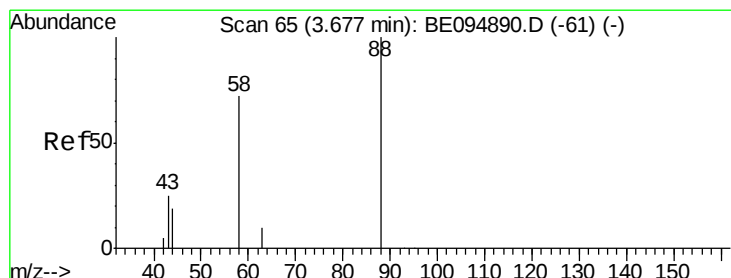
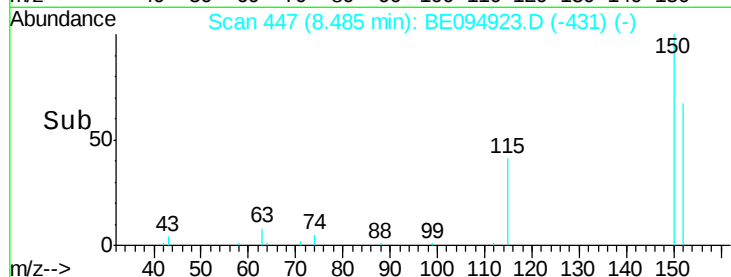
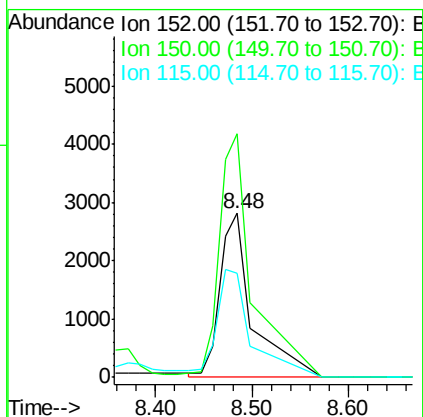
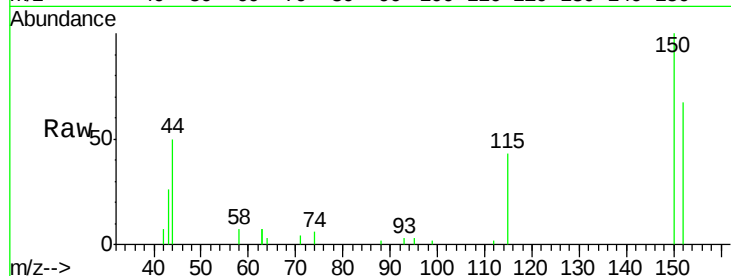


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

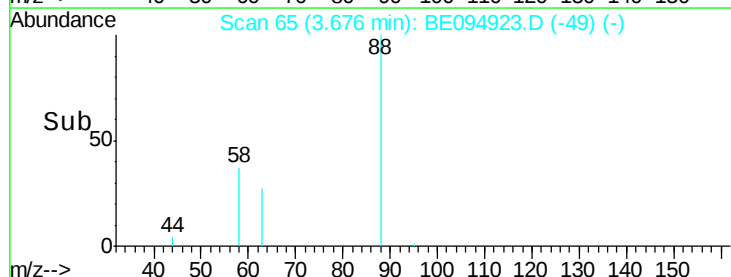
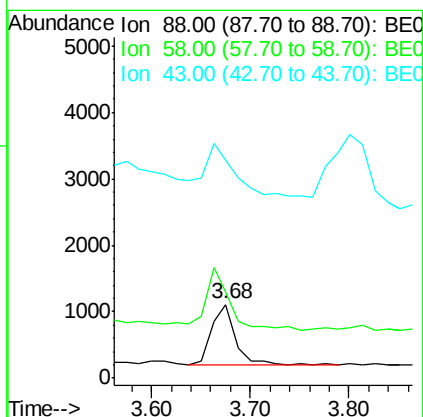
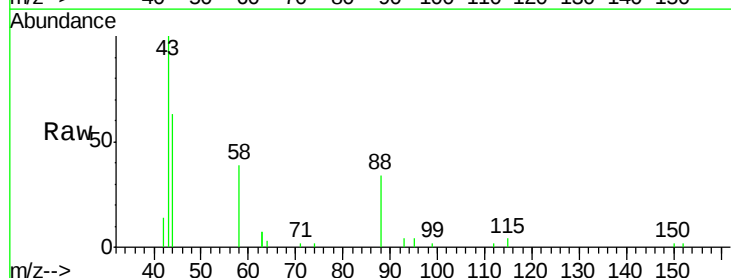
Tot Ion:152 Resp: 8895
Ion Ratio Lower Upper
152 100
150 148.6 117.2 175.8
115 63.6 57.0 85.6

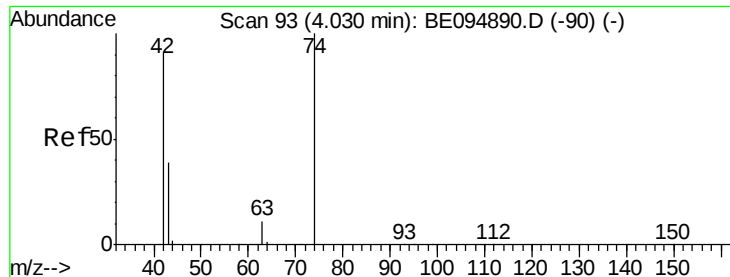


#2

1,4-Dioxane
Concen: 0.170 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion: 88 Resp: 1581
Ion Ratio Lower Upper
88 100
58 98.3 63.2 94.8#
43 99.9 41.2 61.8#



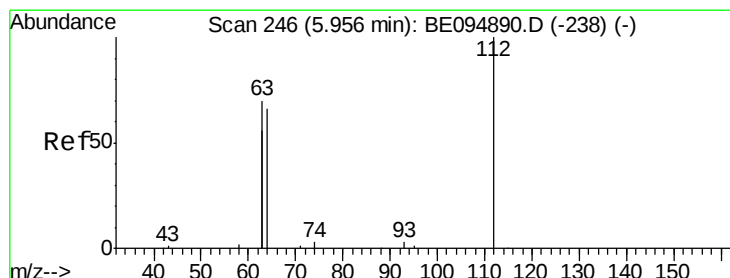
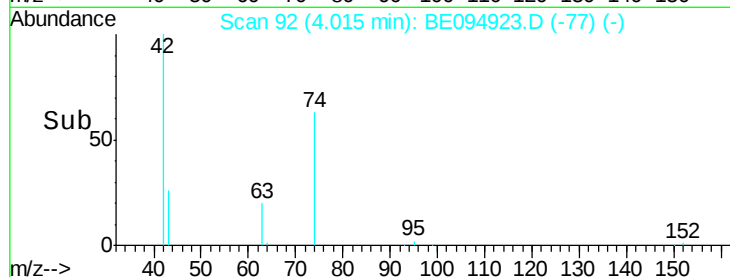
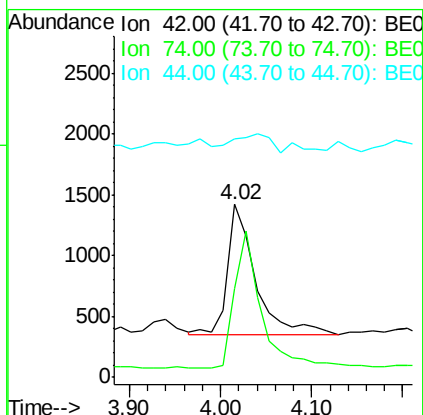
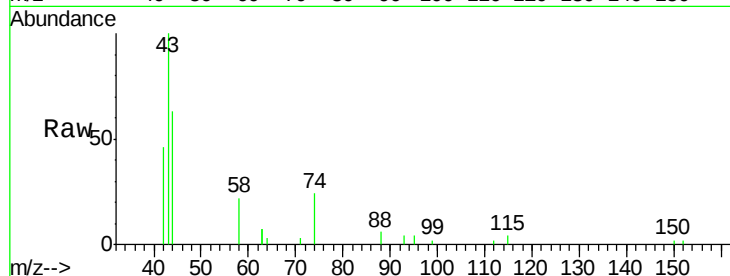


#3

n-Nitrosodimethylamine
 Concen: 0.192 ng
 RT: 4.02 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BE094923.D
 Acq: 5 Dec 2017 20:15

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW08I-20171129MS

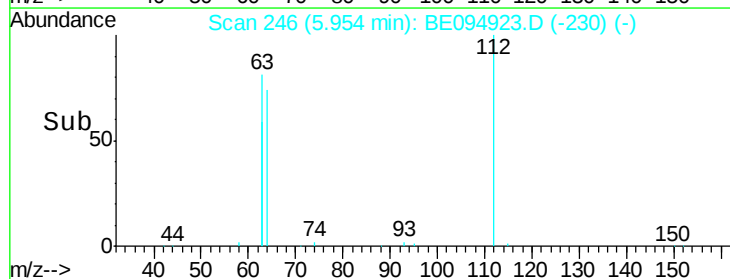
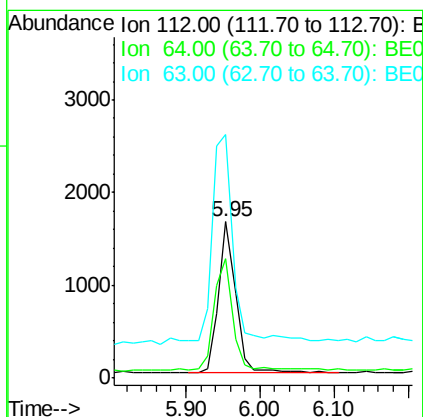
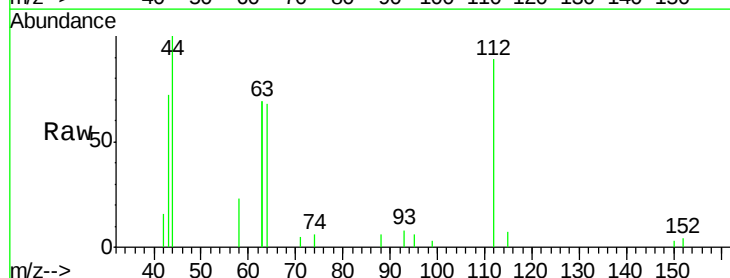
Tot Ion: 42 Resp: 2277
 Ion Ratio Lower Upper
 42 100
 74 102.9 100.3 150.5
 44 0.0 17.0 25.4#

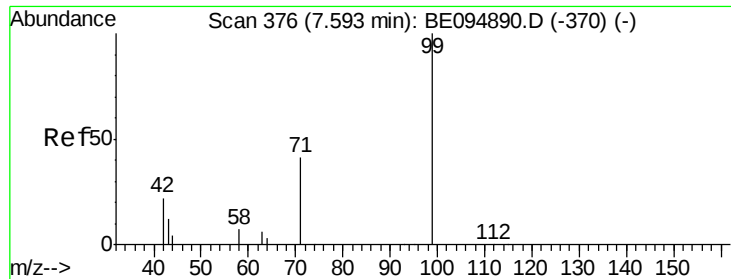


#4

2-Fluorophenol
 Concen: 0.190 ng
 RT: 5.95 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BE094923.D
 Acq: 5 Dec 2017 20:15

Tgt Ion: 112 Resp: 2679
 Ion Ratio Lower Upper
 112 100
 64 80.6 60.1 90.1
 63 164.3 116.8 175.2





#5

Phenol-d6

Concen: 0.131 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

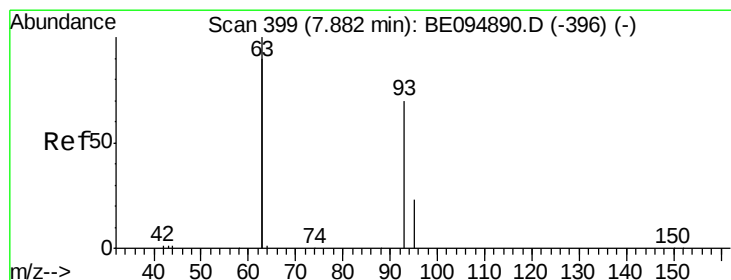
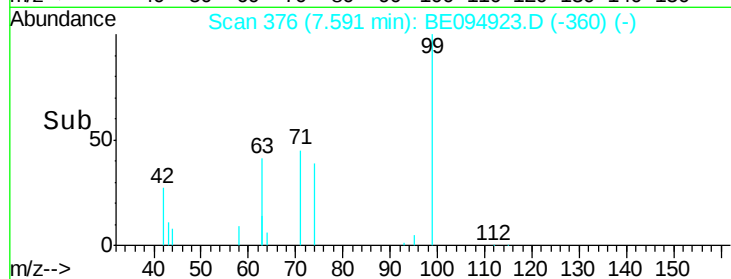
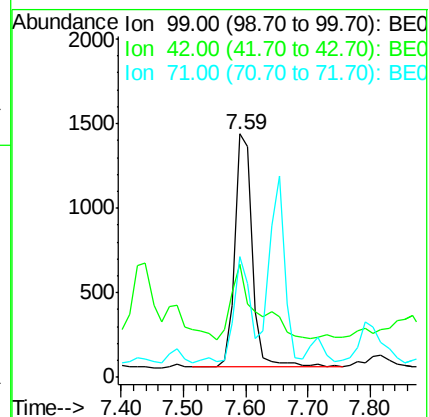
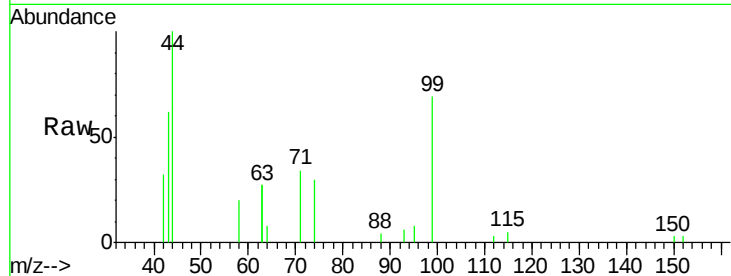
Tot Ion: 99 Resp: 2740

Ion Ratio Lower Upper

99 100

42 45.8 20.2 30.2#

71 41.8 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

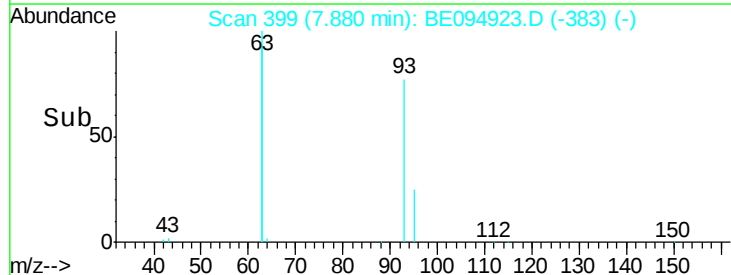
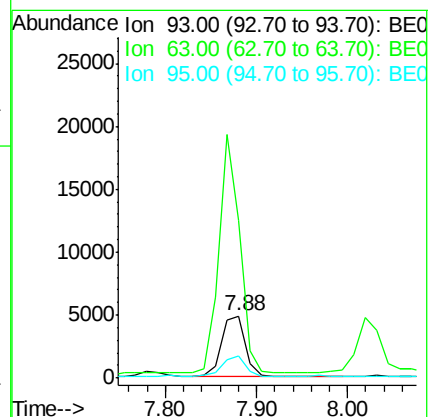
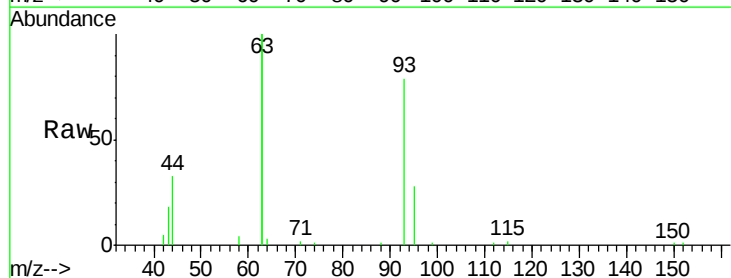
Tgt Ion: 93 Resp: 8686

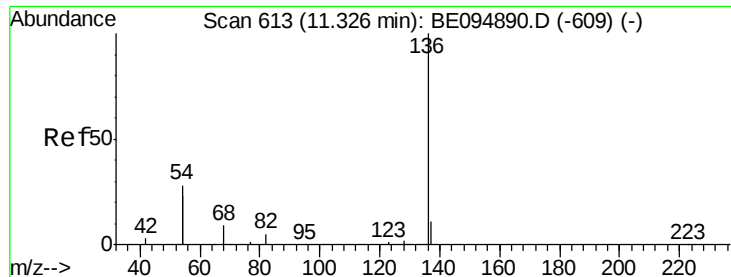
Ion Ratio Lower Upper

93 100

63 344.5 275.3 412.9

95 33.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

Tot Ion:136 Resp: 20137

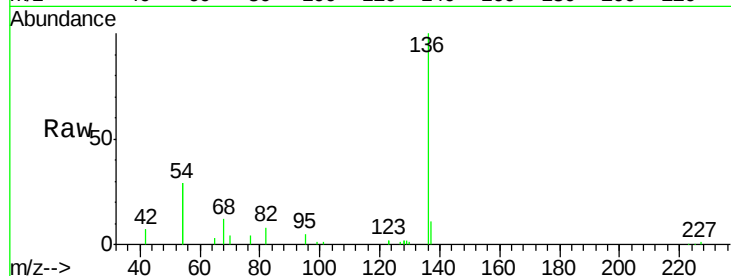
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 57.2 29.1 43.7#

68 11.8 6.2 9.2#

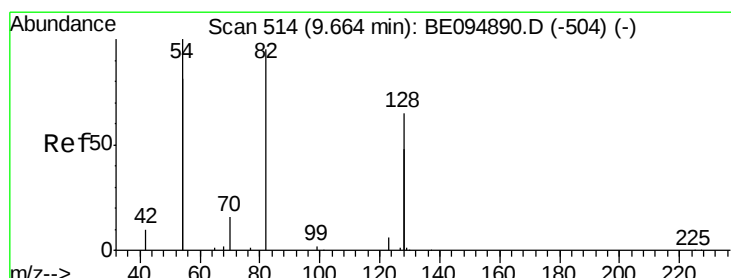
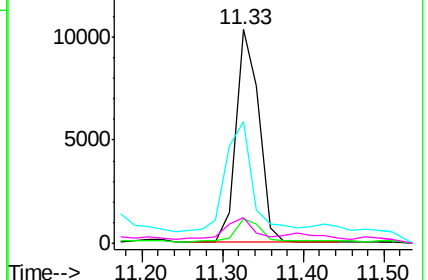
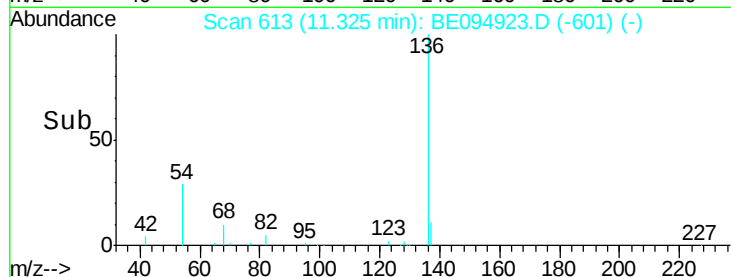


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

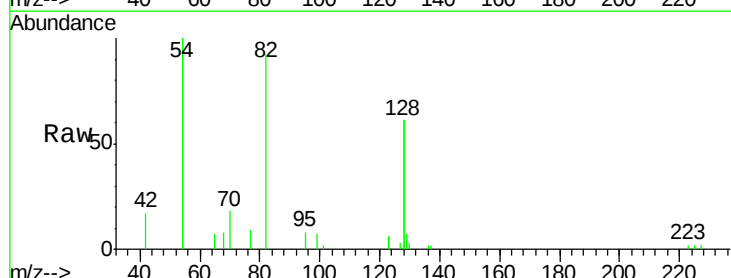
Tgt Ion: 82 Resp: 4522

Ion Ratio Lower Upper

82 100

128 132.8 150.0 225.0#

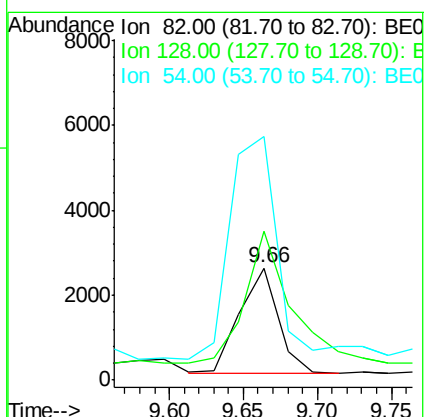
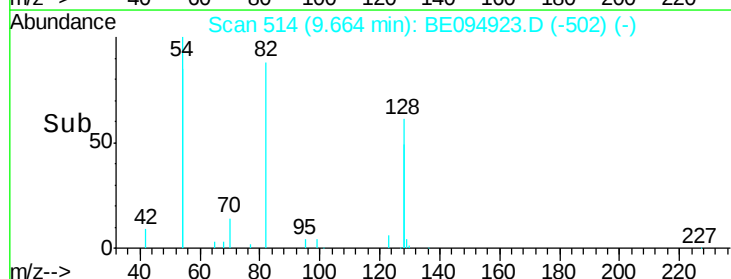
54 216.7 154.2 231.4

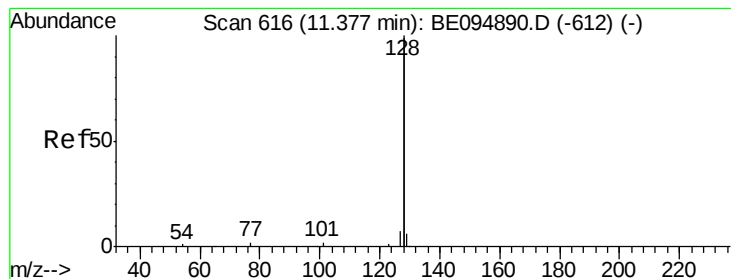


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.444 ng

RT: 11.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

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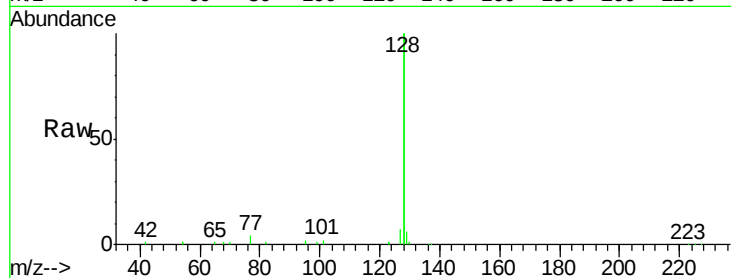
Tot Ion:128 Resp: 104834

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

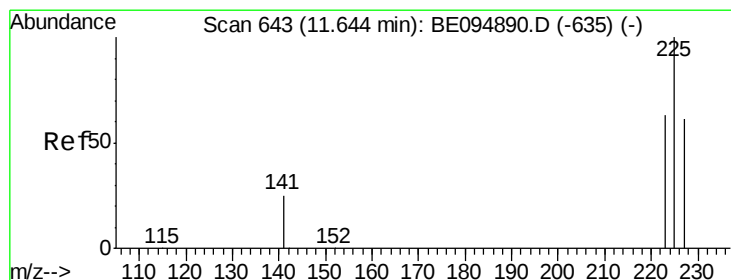
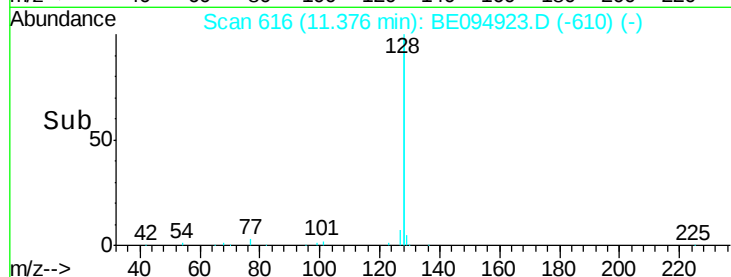
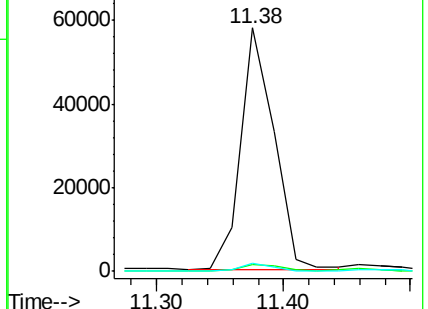
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.421 ng

RT: 11.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

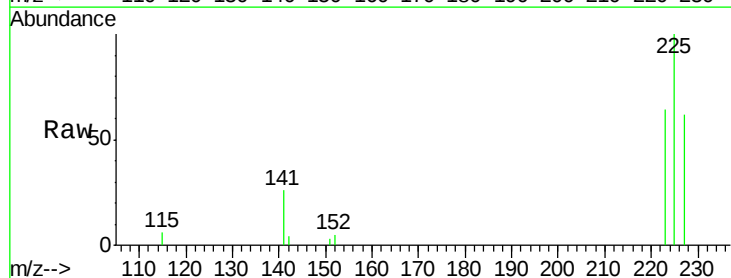
Tgt Ion:225 Resp: 4195

Ion Ratio Lower Upper

225 100

223 63.0 53.0 79.6

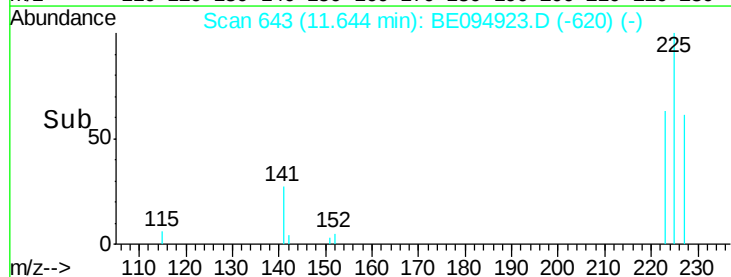
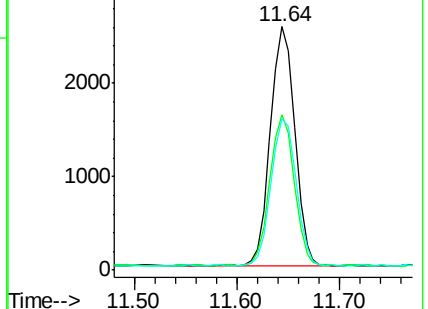
227 62.6 51.4 77.2

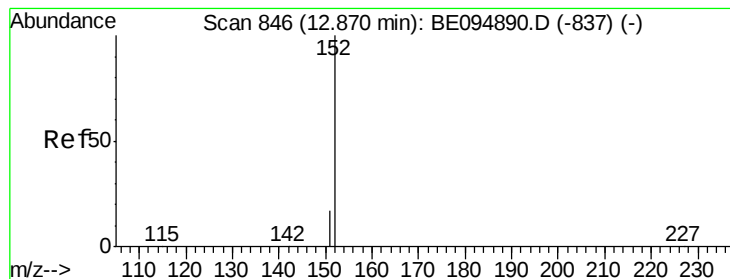


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.87 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE094923.D

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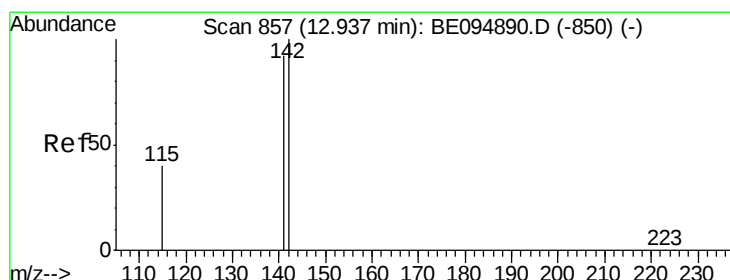
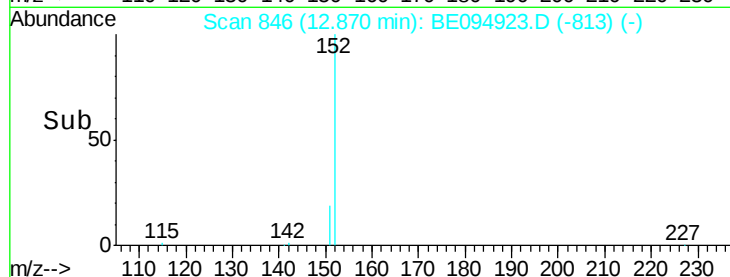
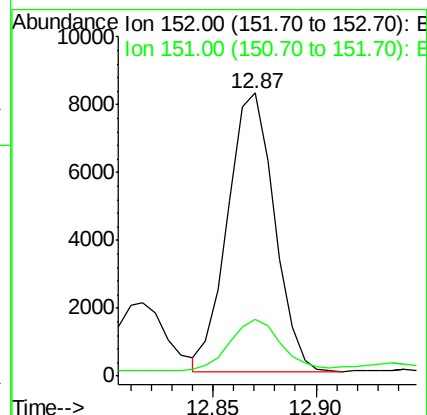
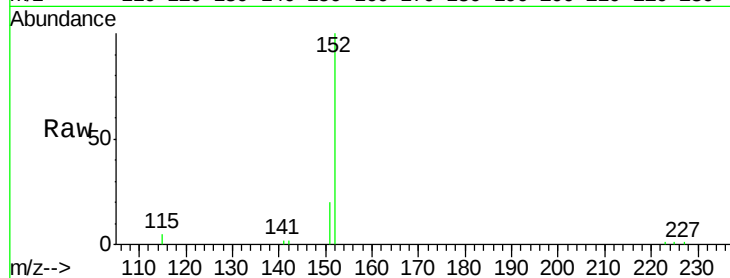
FT-MW08I-20171129MS

Tot Ion:152 Resp: 12917

Ion Ratio Lower Upper

152 100

151 21.0 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.455 ng

RT: 12.94 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

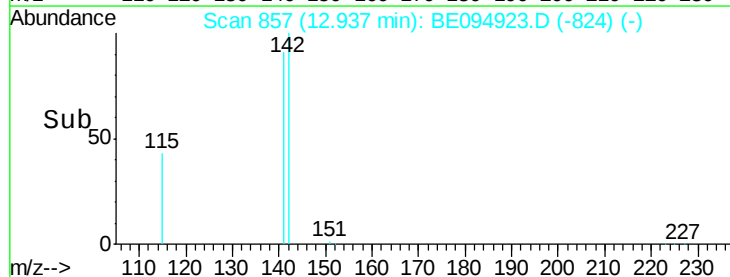
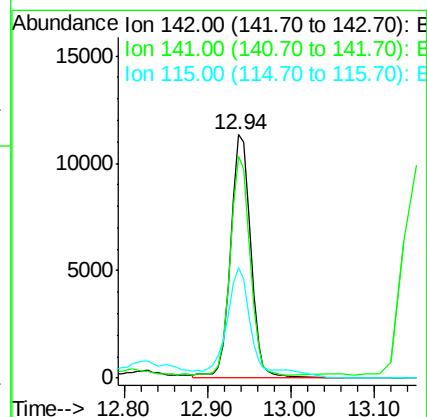
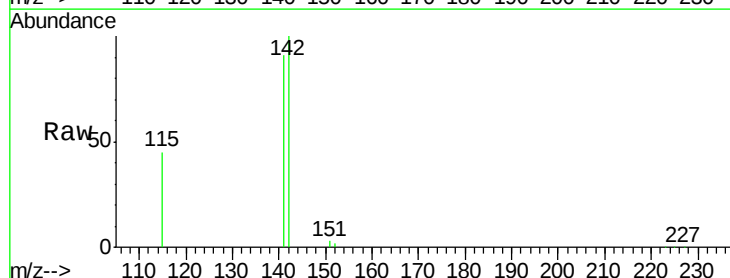
Tgt Ion:142 Resp: 26716

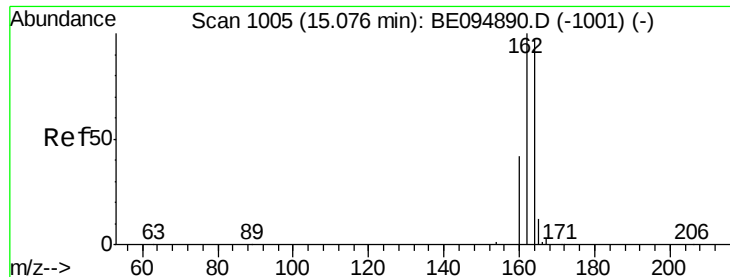
Ion Ratio Lower Upper

142 100

141 91.0 70.4 105.6

115 45.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.08 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

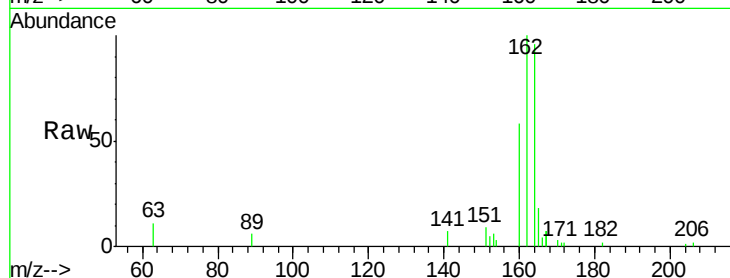
Tot Ion:164 Resp: 12247

Ion Ratio Lower Upper

164 100

162 104.5 83.1 124.7

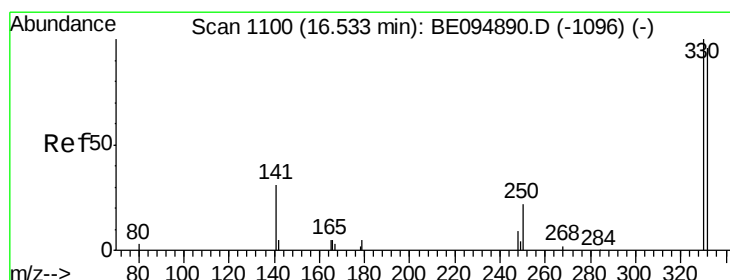
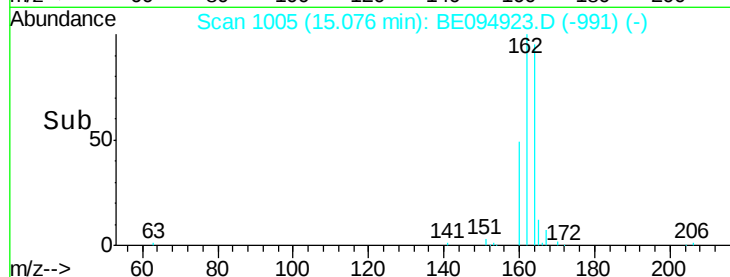
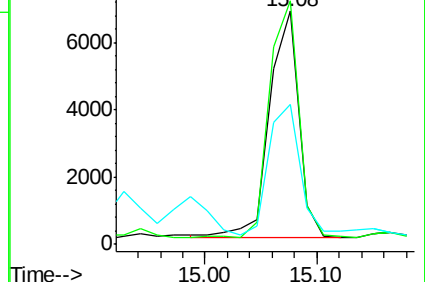
160 60.2 37.1 55.7#



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: 0.554 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

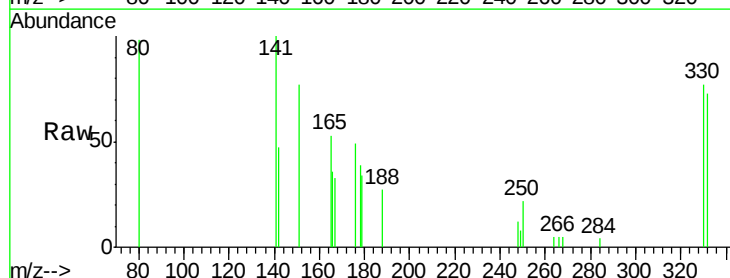
Tgt Ion:330 Resp: 1499

Ion Ratio Lower Upper

330 100

332 100.6 152.7 229.1#

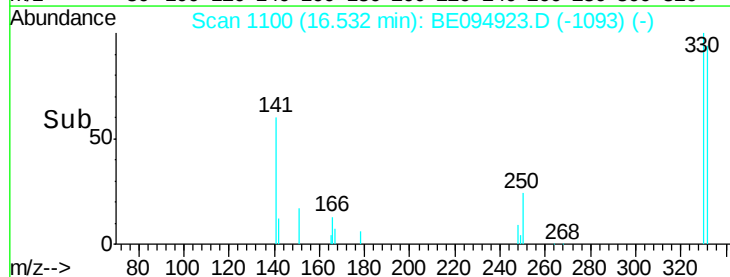
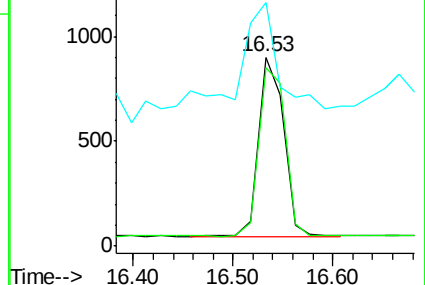
141 69.6 33.7 50.5#

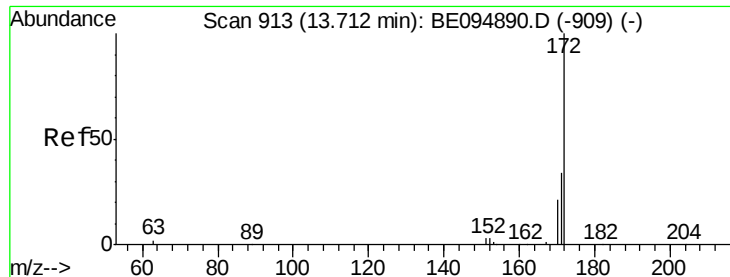


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

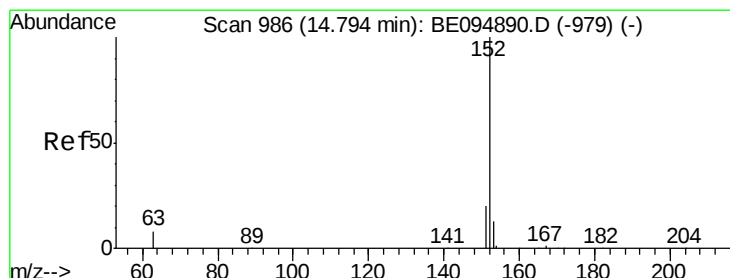
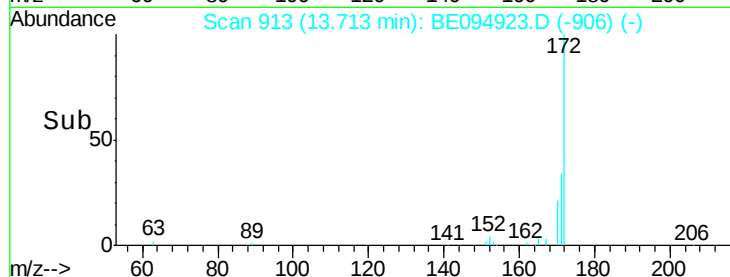
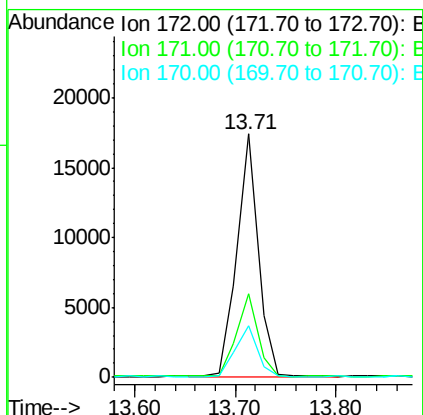
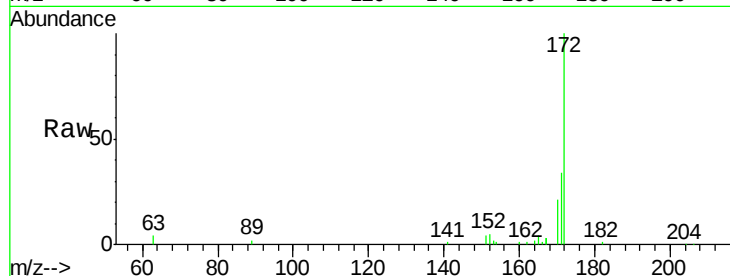




#15
2-Fluorobiphenyl
Concen: 0.486 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

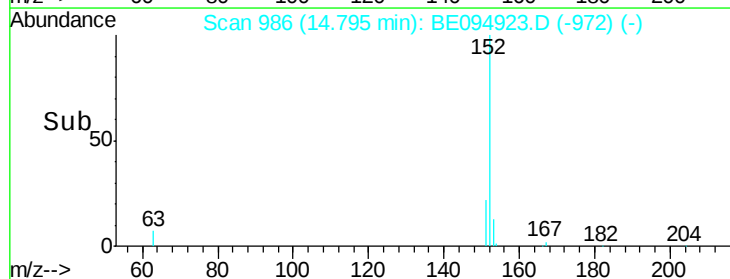
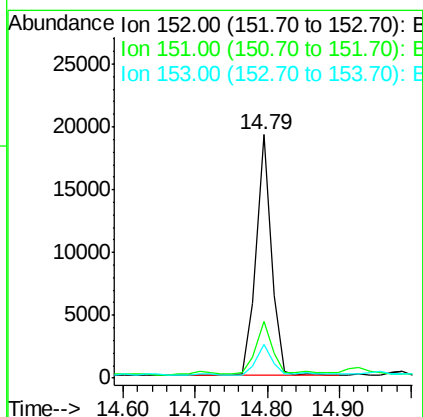
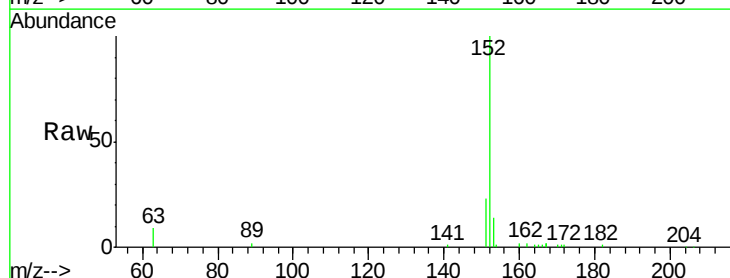
Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

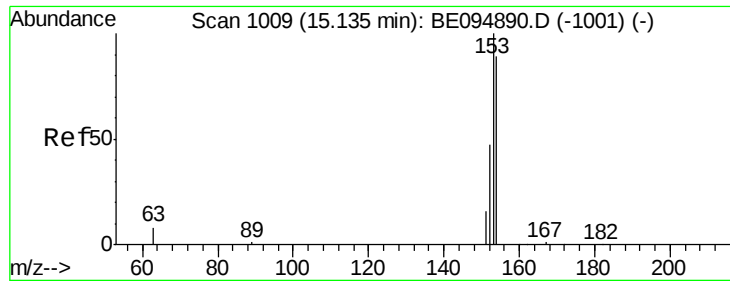
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.9	44.9
170	21.2	21.8	32.8



#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.8	15.7	23.5
153	12.6	10.5	15.7





#17

Acenaphthene

Concen: 0.395 ng

RT: 15.14 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

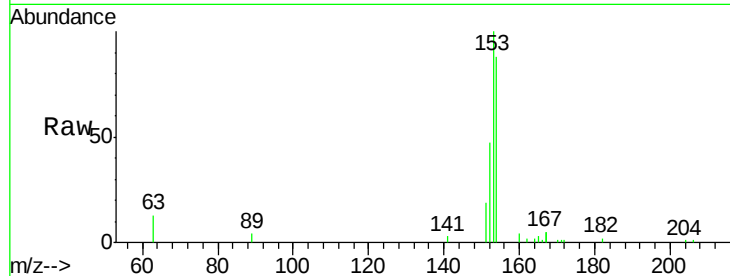
Tot Ion:154 Resp: 17675

Ion Ratio Lower Upper

154 100

153 119.6 89.2 133.8

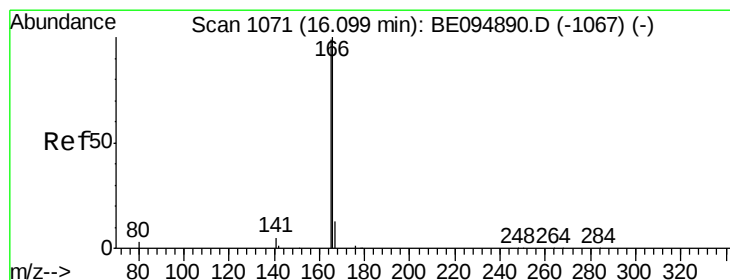
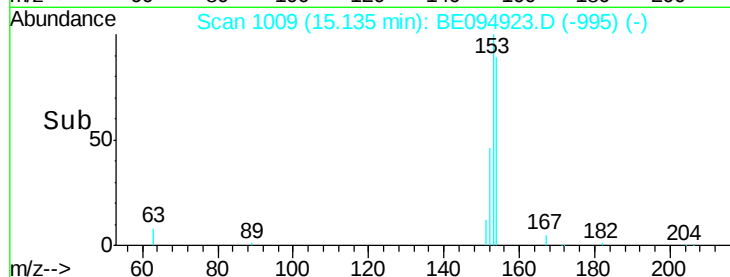
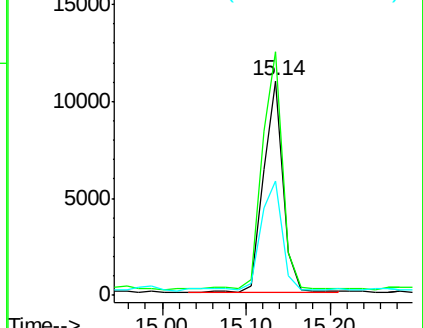
152 55.4 42.0 63.0



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: 0.403 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

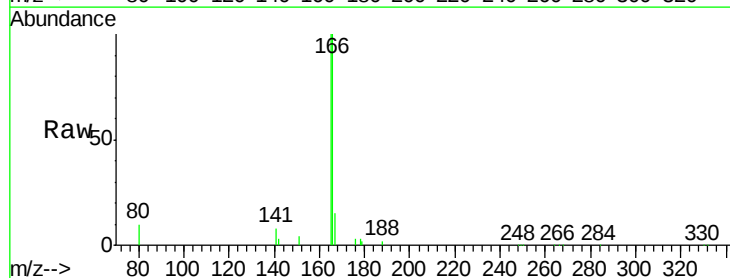
Tgt Ion:166 Resp: 22913

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.6

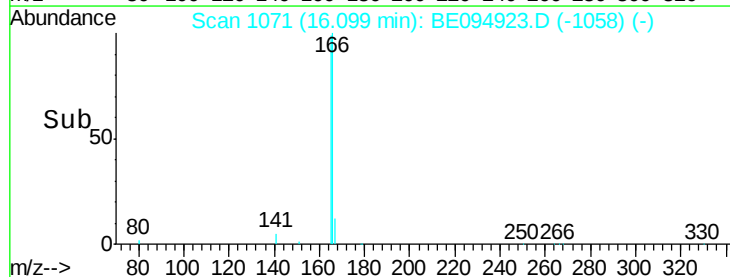
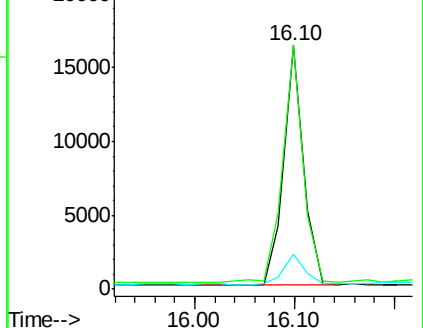
167 14.7 42.4 63.6#

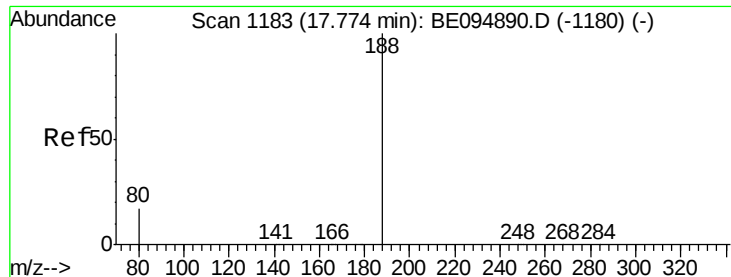


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.79 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

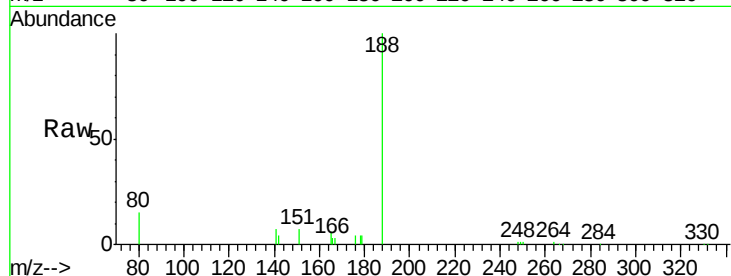
Tot Ion:188 Resp: 26259

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

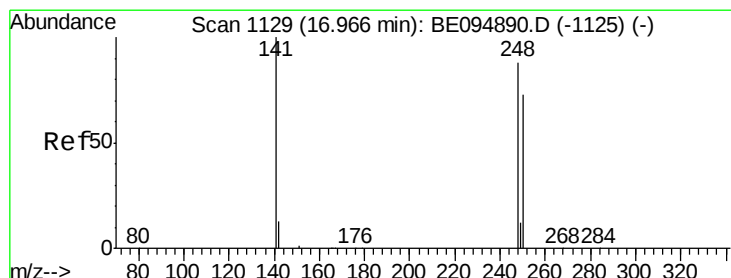
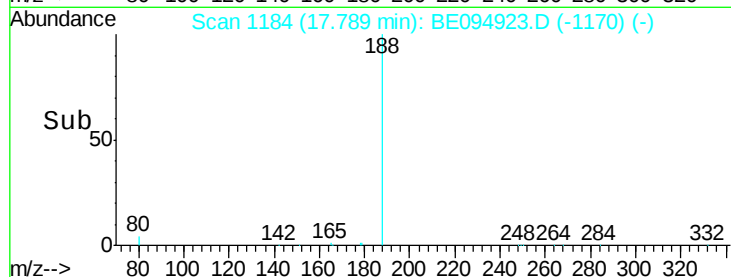
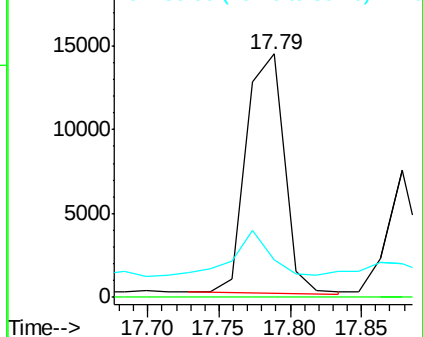
80 15.3 3.6 5.4#



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: 0.454 ng

RT: 16.98 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

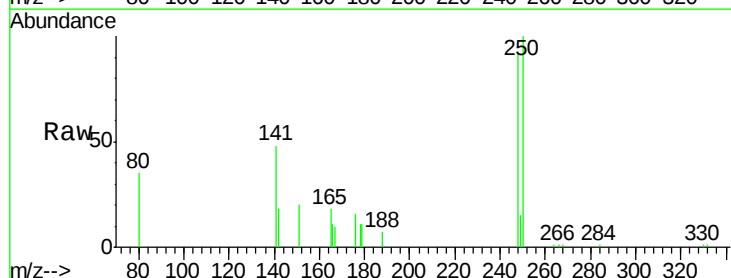
Tgt Ion:248 Resp: 6653

Ion Ratio Lower Upper

248 100

250 109.1 62.7 94.1#

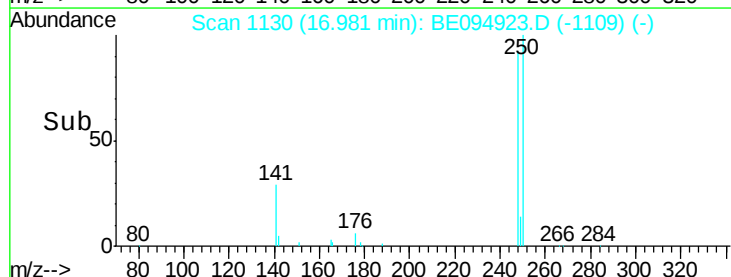
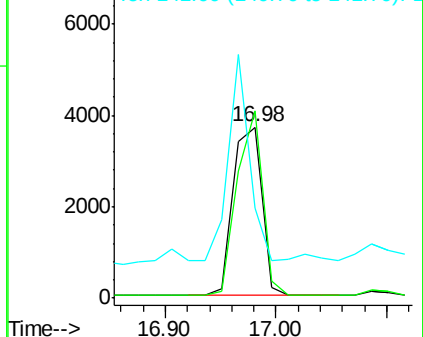
141 52.9 48.2 72.2

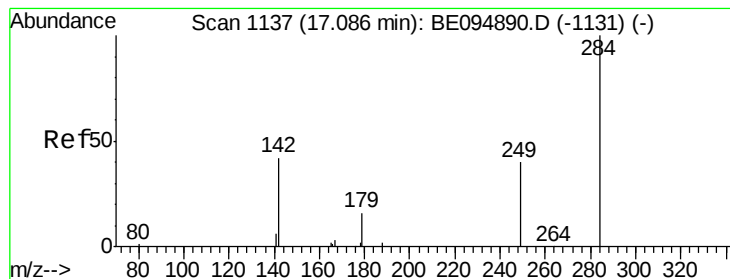


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.429 ng

RT: 17.10 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

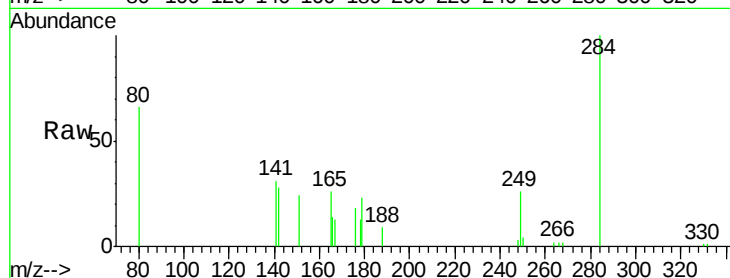
Tot Ion:284 Resp: 6124

Ion Ratio Lower Upper

284 100

142 54.9 22.1 33.1#

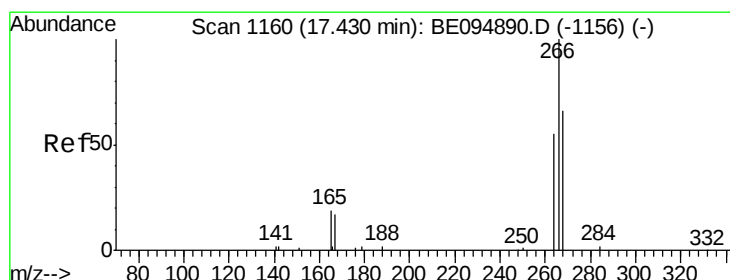
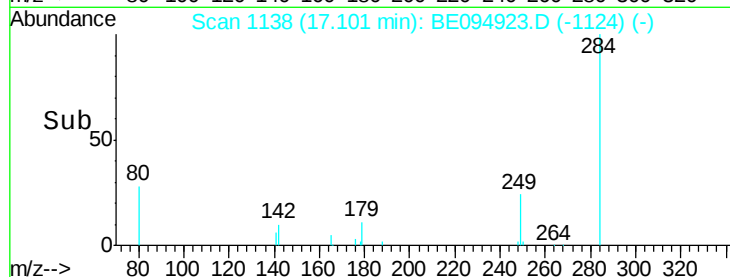
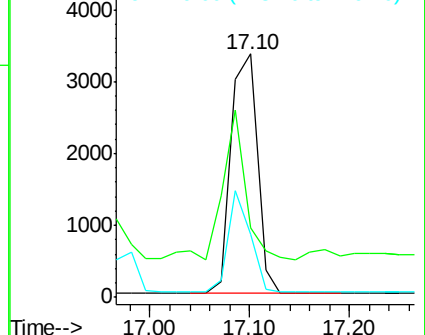
249 35.7 34.8 52.2



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: 1.345 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

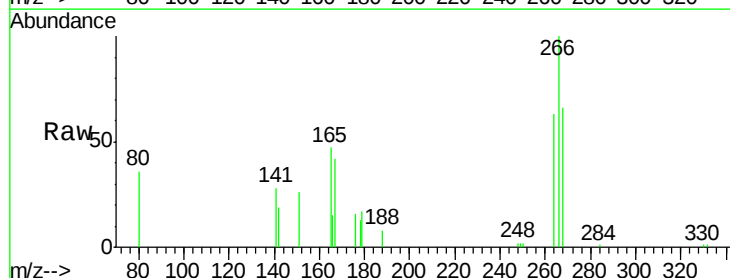
Tgt Ion:266 Resp: 5733

Ion Ratio Lower Upper

266 100

264 63.3 72.5 108.7#

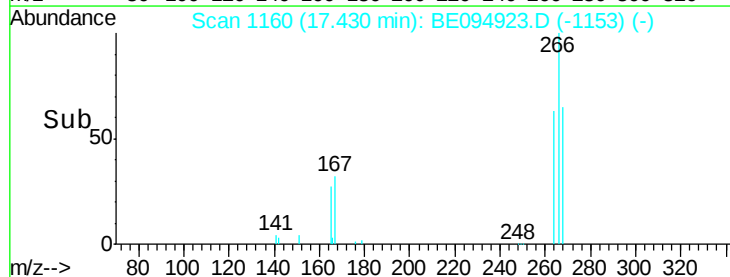
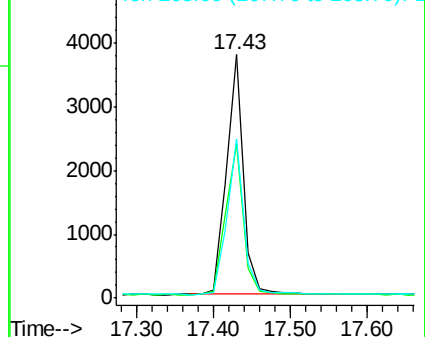
268 65.6 73.8 110.6#

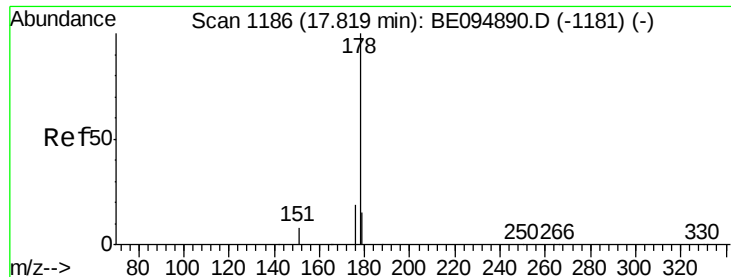


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.437 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

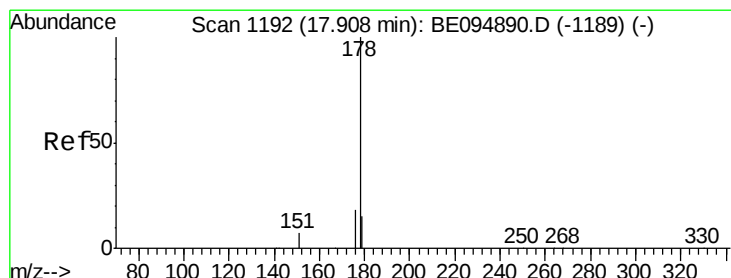
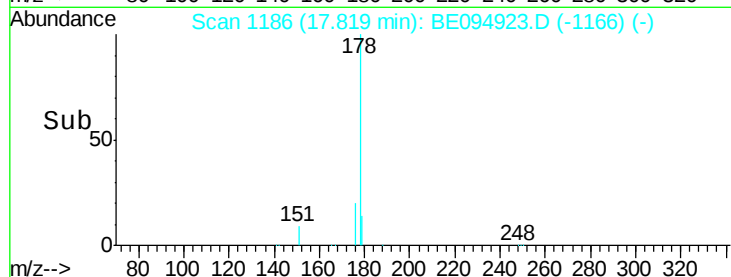
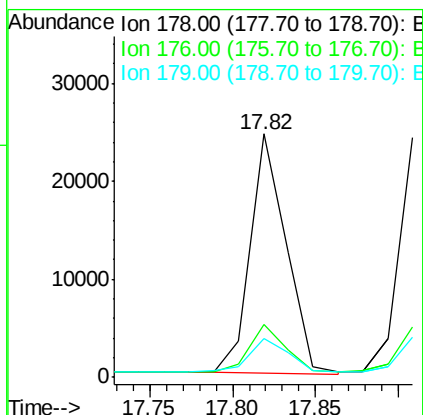
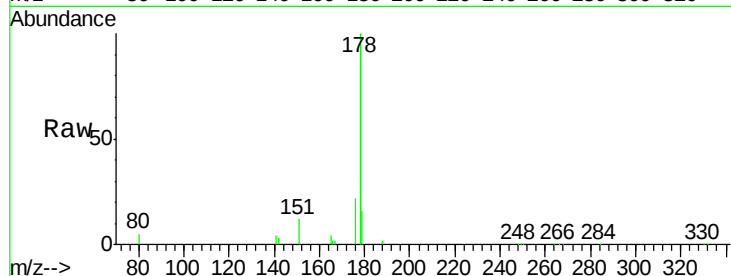
Tot Ion:178 Resp: 36532

Ion Ratio Lower Upper

178 100

176 21.1 15.1 22.7

179 17.6 11.8 17.6



#24

Anthracene

Concen: 0.503 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

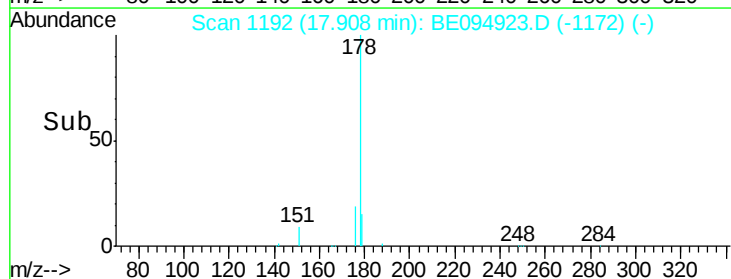
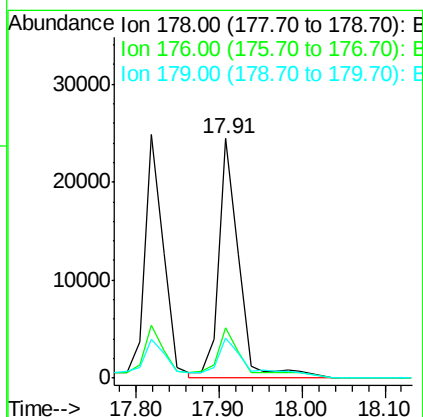
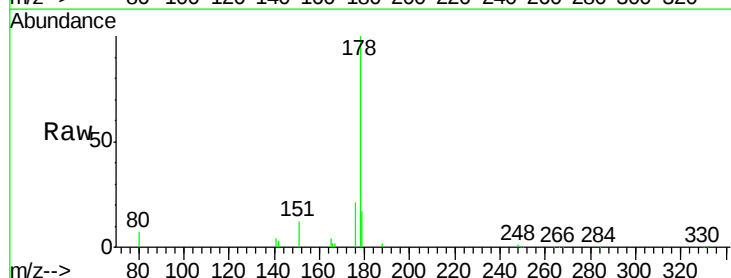
Tgt Ion:178 Resp: 44659

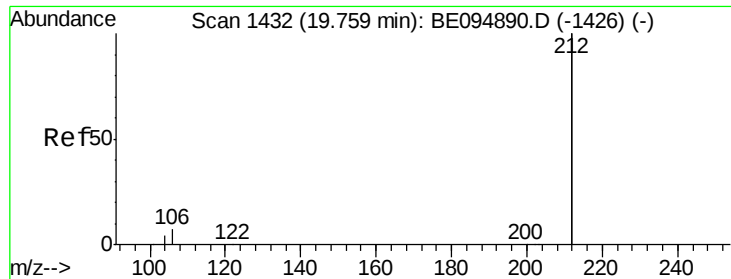
Ion Ratio Lower Upper

178 100

176 27.8 12.8 19.2#

179 24.9 13.0 19.6#





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

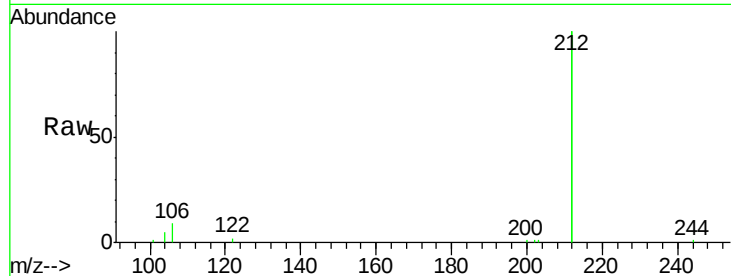
Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

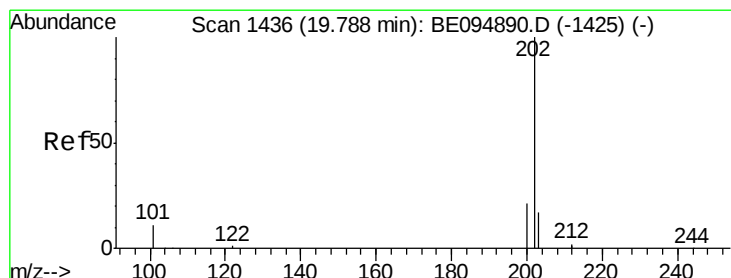
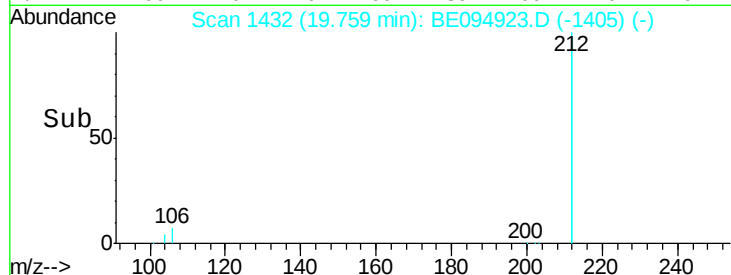
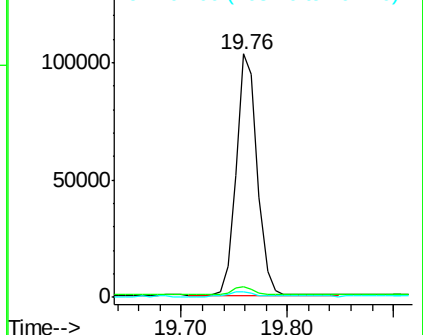
Tot Ion:212	Resp:	141197
Ion Ratio	Lower	Upper
212 100		
106 3.8	2.8	4.2
104 2.1	1.6	2.4



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: 0.423 ng

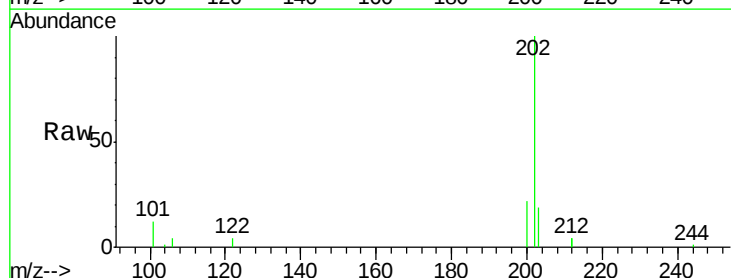
RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

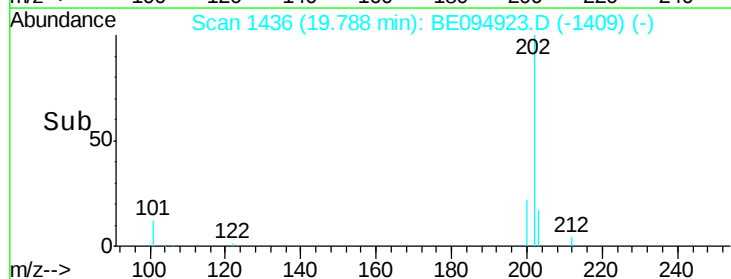
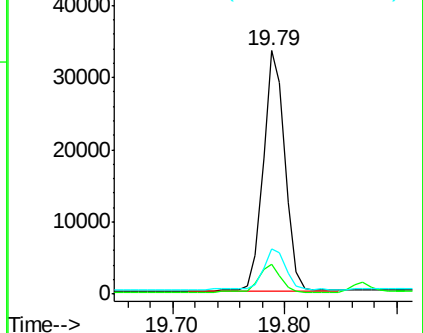
Tgt Ion:202	Resp:	45541
Ion Ratio	Lower	Upper
202 100		
101 11.8	9.8	14.8
203 17.1	13.7	20.5

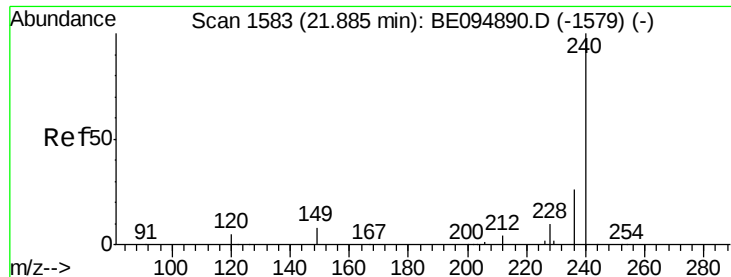


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

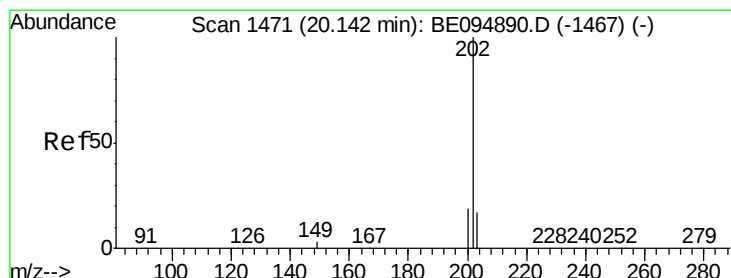
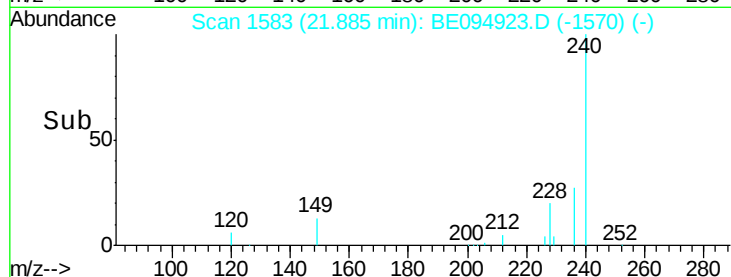
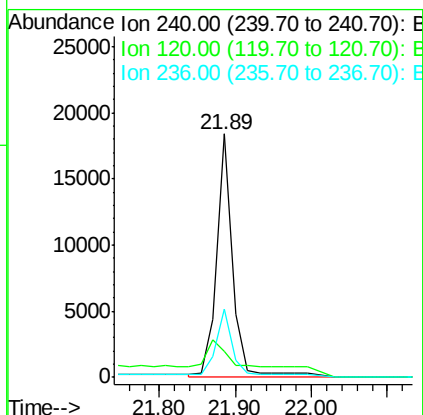
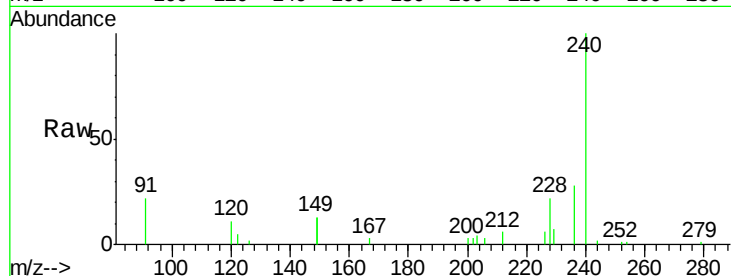




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

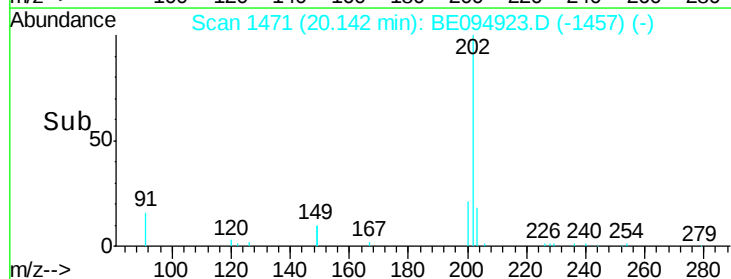
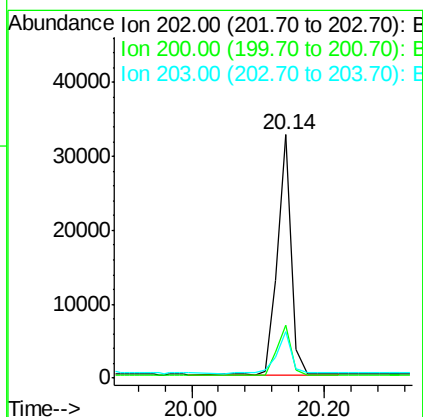
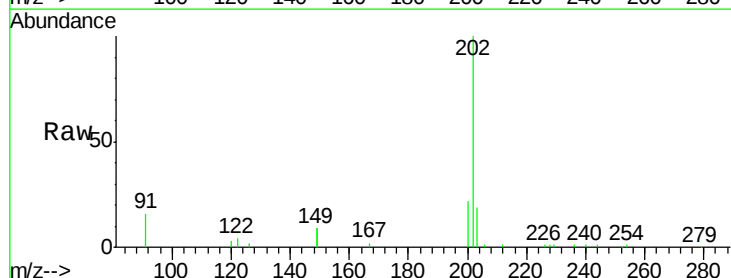
Instrument :
BNA_E
ClientSampleId :
FT-MW08I-20171129MS

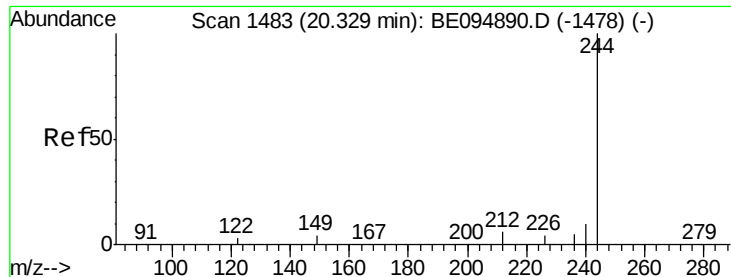
Tot Ion:240 Resp: 29427
Ion Ratio Lower Upper
240 100
120 10.7 5.5 8.3#
236 28.0 20.7 31.1



#28
Pyrene
Concen: 0.549 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094923.D
Acq: 5 Dec 2017 20:15

Tgt Ion:202 Resp: 55833
Ion Ratio Lower Upper
202 100
200 18.1 16.6 25.0
203 15.3 13.8 20.8





#29

Terphenyl-d14

Concen: 0.528 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

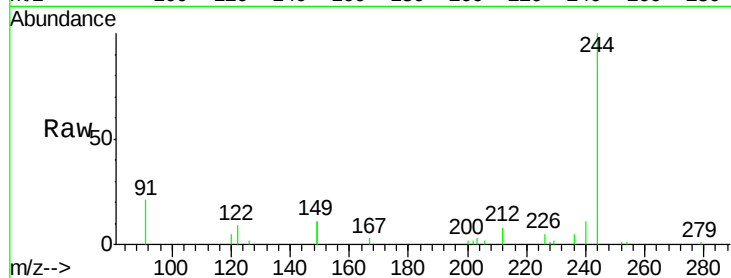
Tot Ion:244 Resp: 28703

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

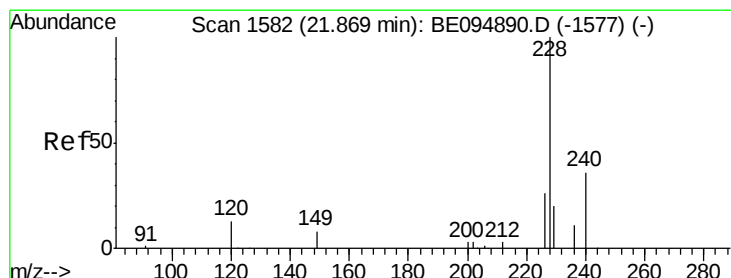
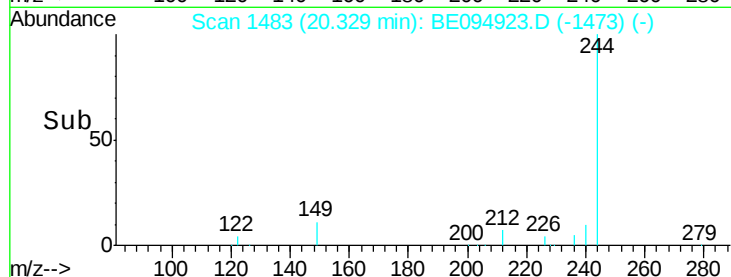
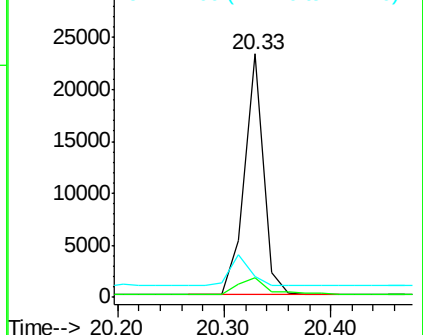
122 8.7 8.1 12.1



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: 0.452 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

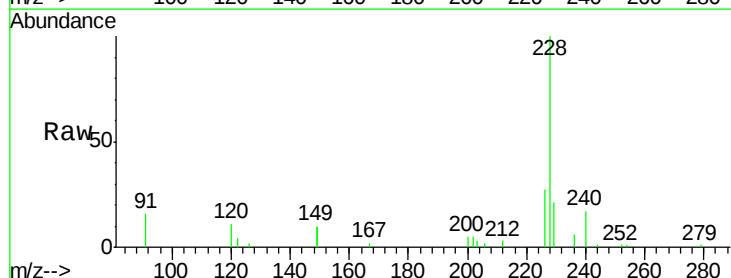
Tgt Ion:228 Resp: 40811

Ion Ratio Lower Upper

228 100

226 27.3 40.0 60.0#

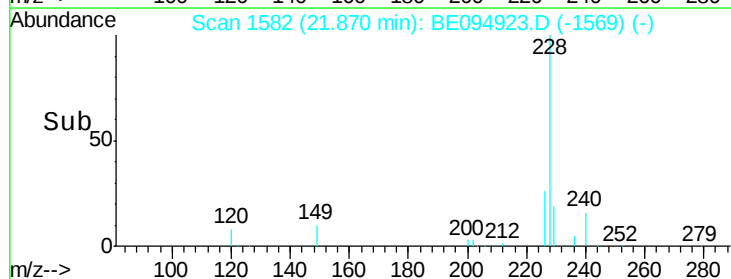
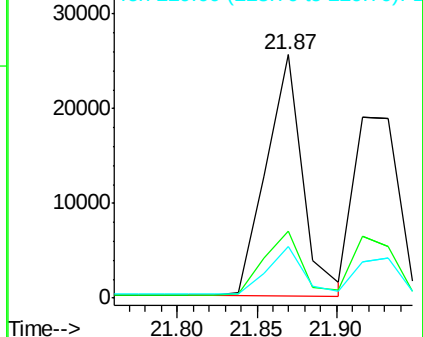
229 21.1 40.0 60.0#

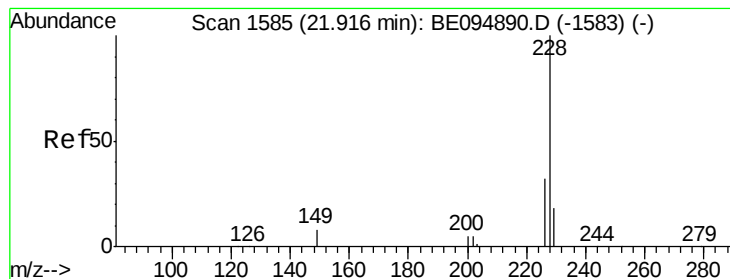


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.417 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

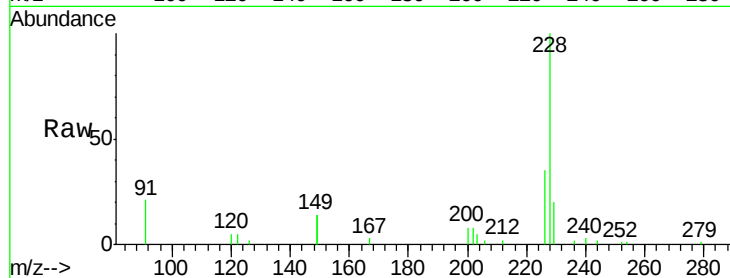
Tot Ion:228 Resp: 41616

Ion Ratio Lower Upper

228 100

226 34.6 40.0 60.0#

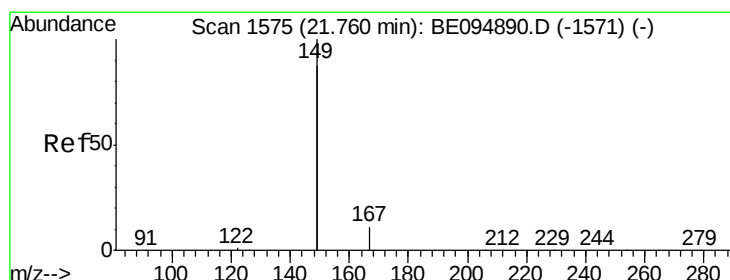
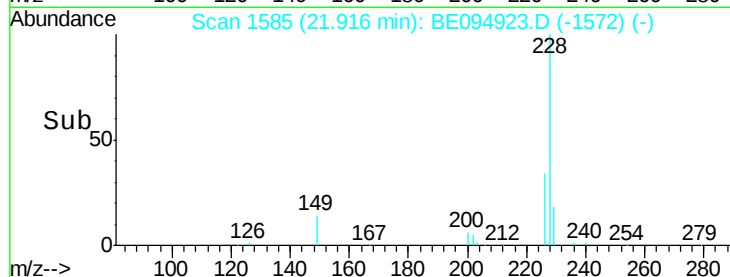
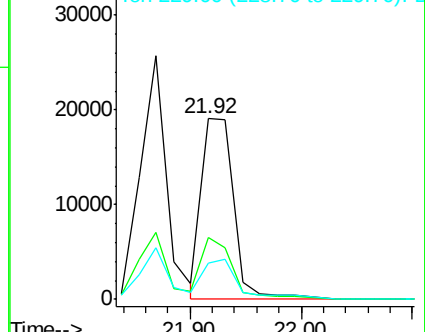
229 20.2 40.0 60.0#



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: 0.626 ng

RT: 21.76 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

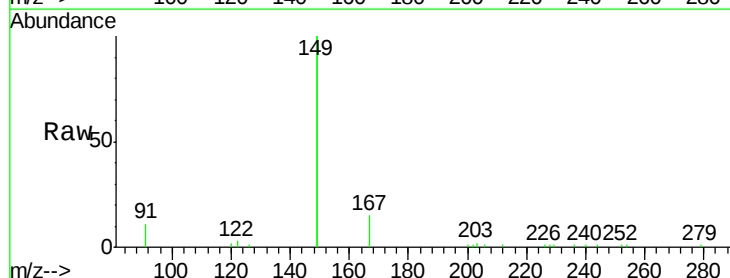
Tgt Ion:149 Resp: 93544

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

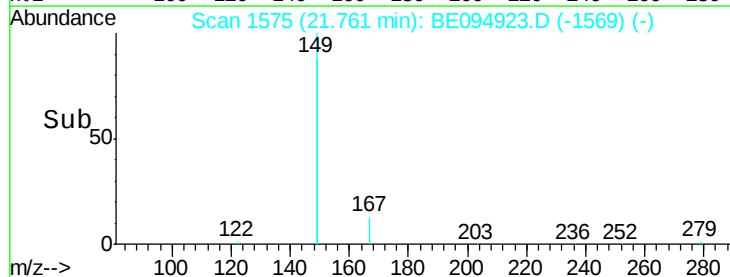
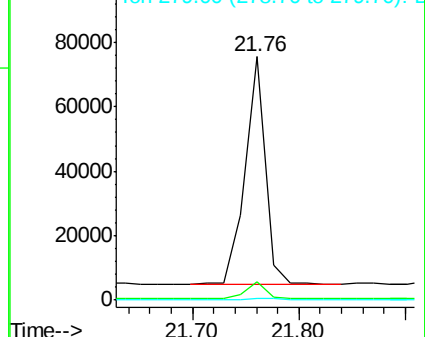
279 0.9 0.7 1.1

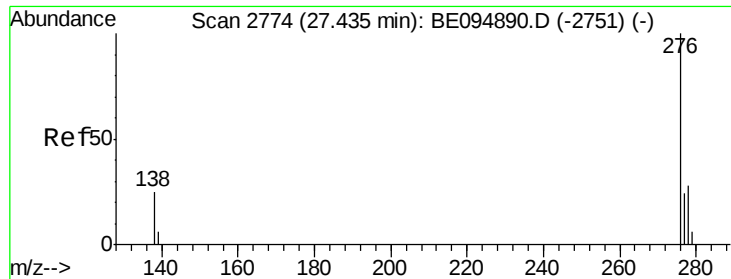


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.424 ng

RT: 27.44 min Scan# 2775

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

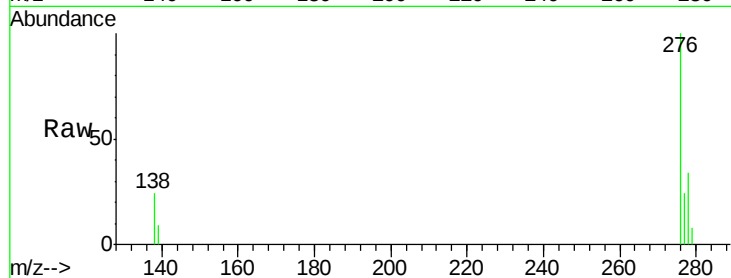
Tot Ion:276 Resp: 34609

Ion Ratio Lower Upper

276 100

138 26.2 22.5 33.7

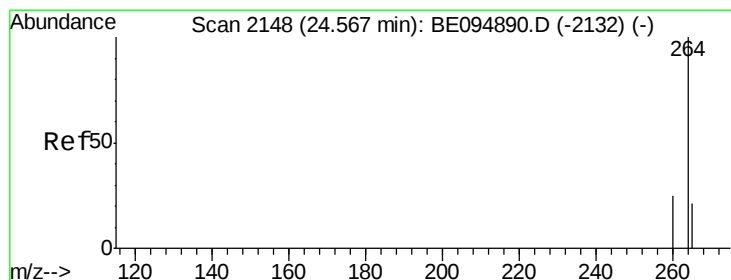
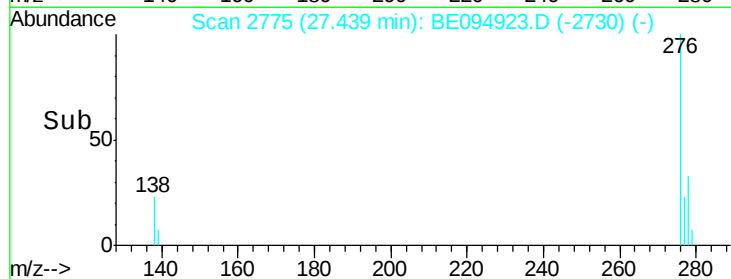
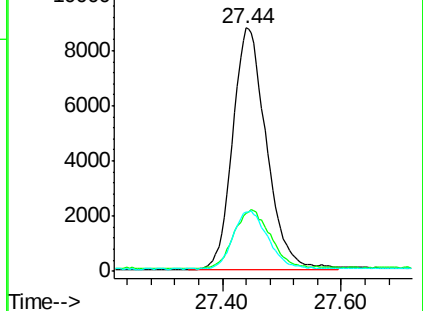
277 24.9 19.9 29.9



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: 24.57 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

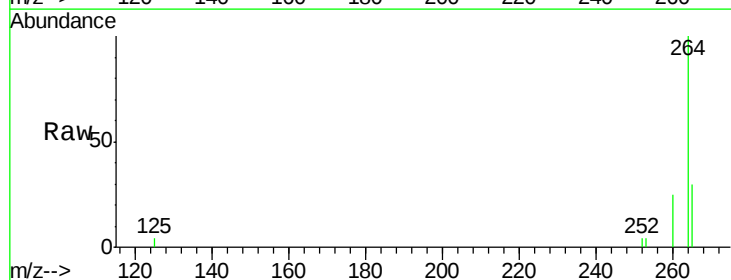
Tgt Ion:264 Resp: 22322

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

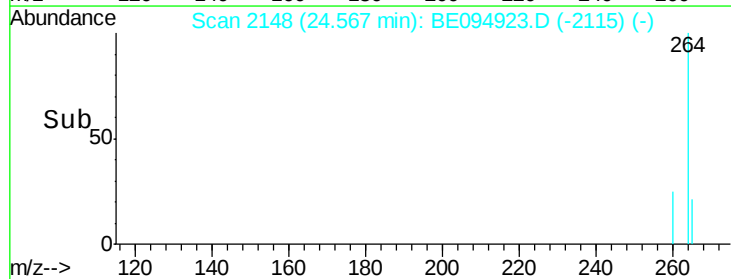
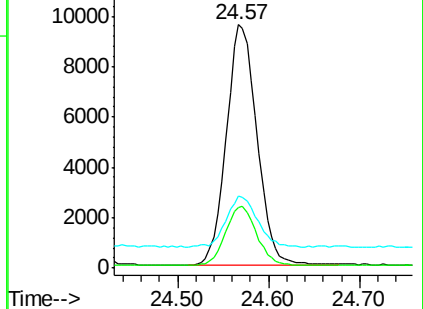
265 29.6 22.8 34.2

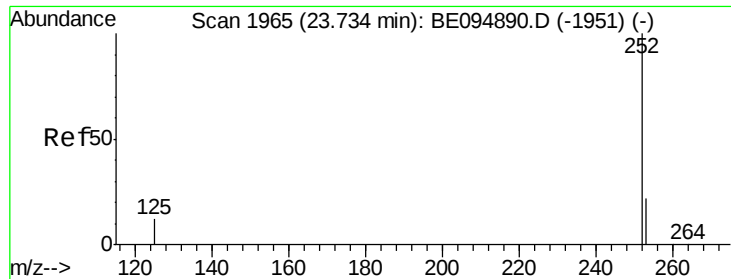


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.434 ng

RT: 23.74 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

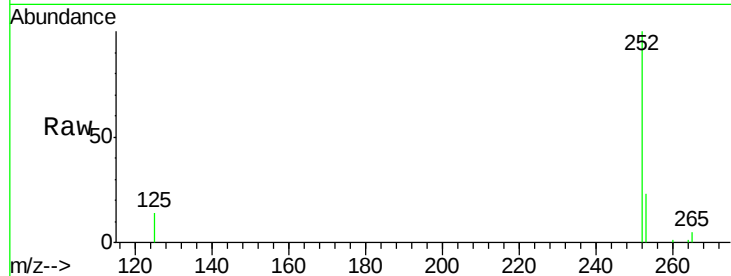
Tot Ion:252 Resp: 35387

Ion Ratio Lower Upper

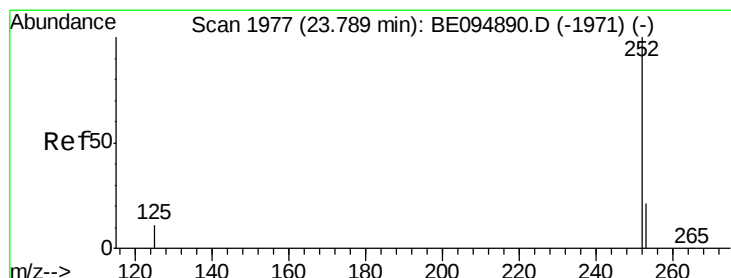
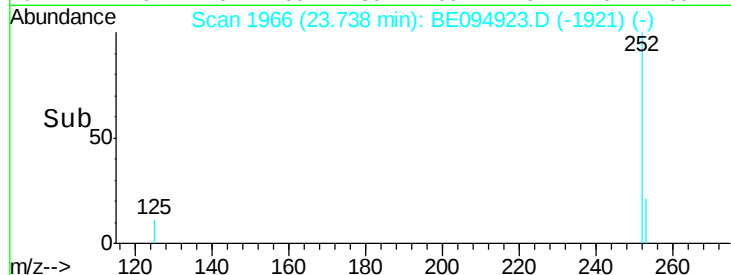
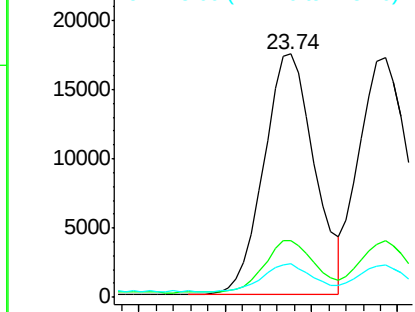
252 100

253 23.2 48.0 72.0#

125 13.7 56.0 84.0#



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: 0.412 ng

RT: 23.79 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

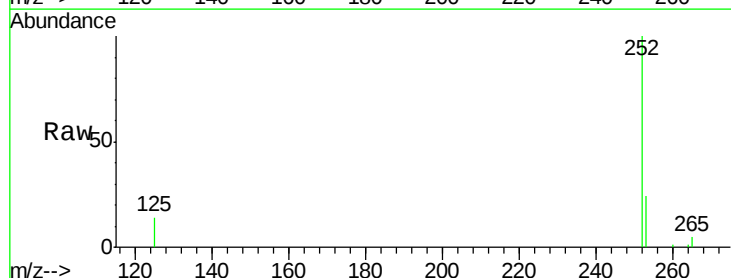
Tgt Ion:252 Resp: 34238

Ion Ratio Lower Upper

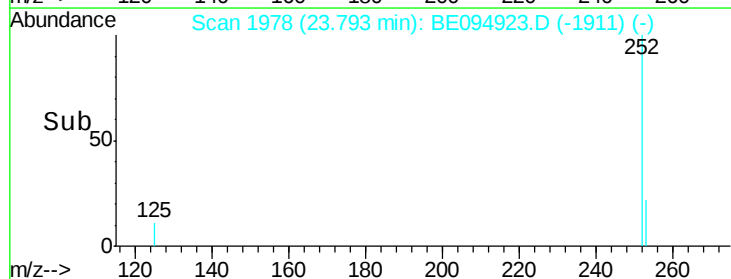
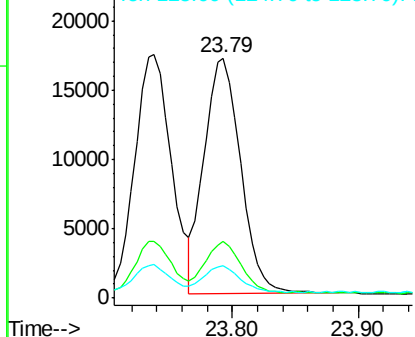
252 100

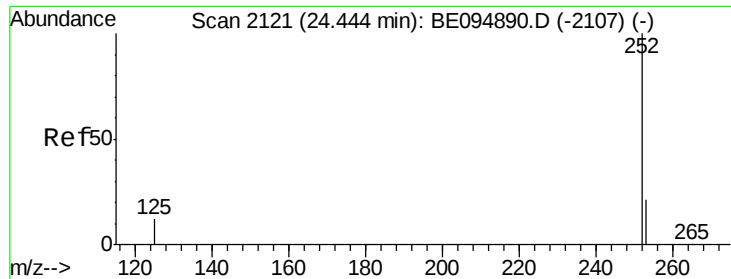
253 23.7 48.0 72.0#

125 13.6 56.0 84.0#



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: 0.457 ng

RT: 24.45 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS

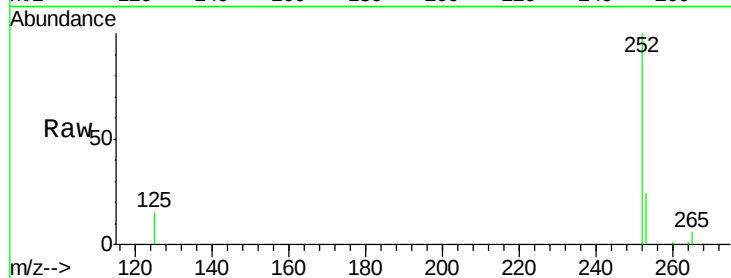
Tot Ion:252 Resp: 32631

Ion Ratio Lower Upper

252 100

253 23.8 52.0 78.0#

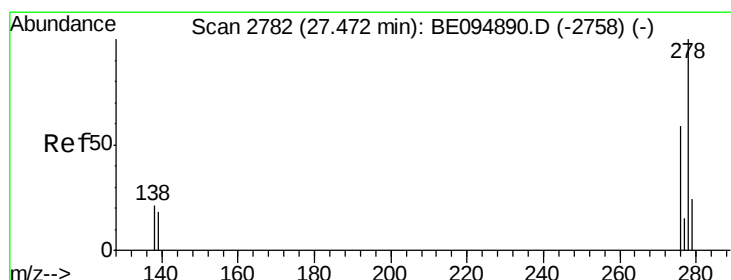
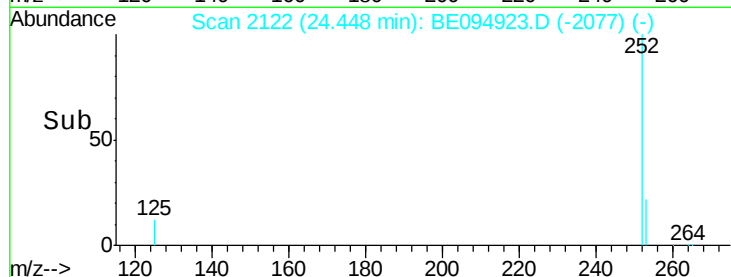
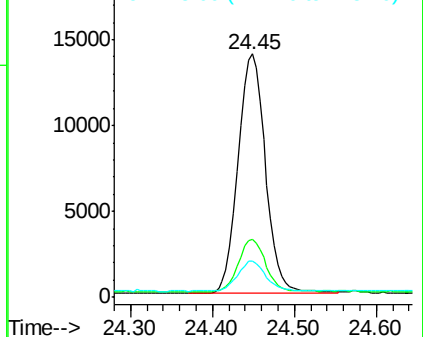
125 14.9 68.0 102.0#



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: 0.427 ng

RT: 27.47 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BE094923.D

Acq: 5 Dec 2017 20:15

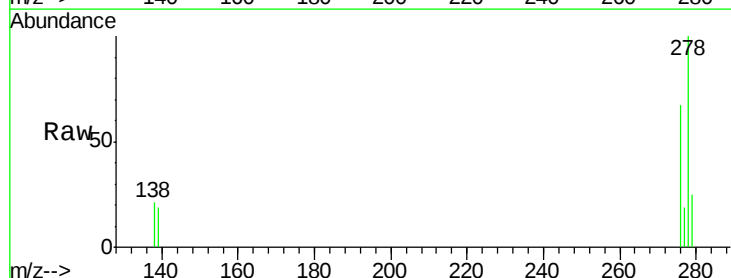
Tgt Ion:278 Resp: 28202

Ion Ratio Lower Upper

278 100

139 19.1 56.0 84.0#

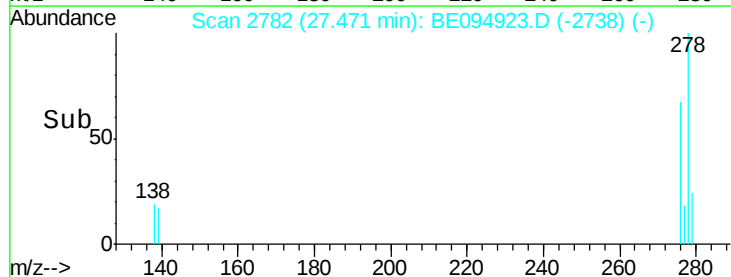
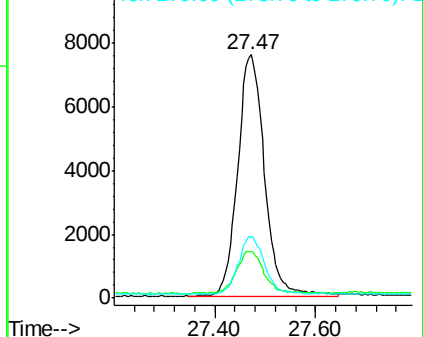
279 25.0 52.0 78.0#

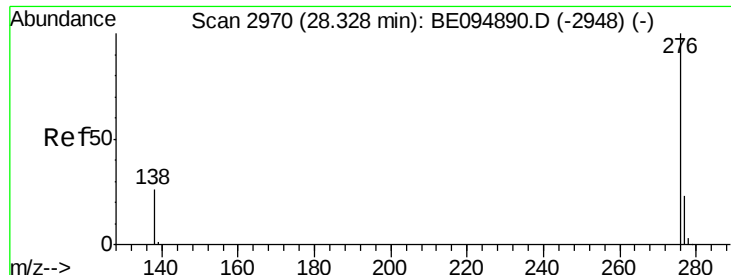


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.446 ng

RT: 28.34 min Scan# 2972

Delta R.T. 0.01 min

Lab File: BE094923.D

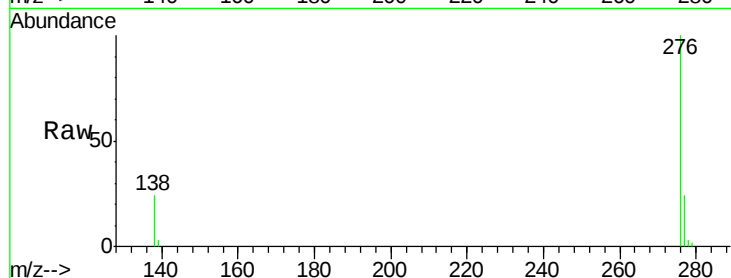
Acq: 5 Dec 2017 20:15

Instrument :

BNA_E

ClientSampleId :

FT-MW08I-20171129MS



Tot Ion: 276 Resp: 29373

Ion Ratio Lower Upper

276 100

277 24.0 52.0 78.0#

138 23.7 44.0 66.0#

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

