

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094942.D
 Acq On : 6 Dec 2017 7:30
 Operator : SJ/JU
 Sample : I6707-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW01S-20171130MS

Quant Time: Dec 06 08:05:23 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	8.47	152	7856	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	17555	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10300	0.40	ng	-0.02
19) Phenanthrene-d10	17.77	188	24354	0.40	ng	0.00
27) Chrysene-d12	21.87	240	25941	0.40	ng	-0.01
34) Perylene-d12	24.55	264	21473	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.95	112	2249	0.18	ng	0.00
5) Phenol-d6	7.59	99	2130	0.12	ng	0.00
8) Nitrobenzene-d5	9.65	82	5595	0.54	ng	-0.02
11) 2-Methylnaphthalene-d10	12.86	152	11250	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1158	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	19603	0.44	ng	0.00
25) Fluoranthene-d10	19.75	212	129083	0.39	ng	0.00
29) Terphenyl-d14	20.31	244	26048	0.54	ng	-0.01

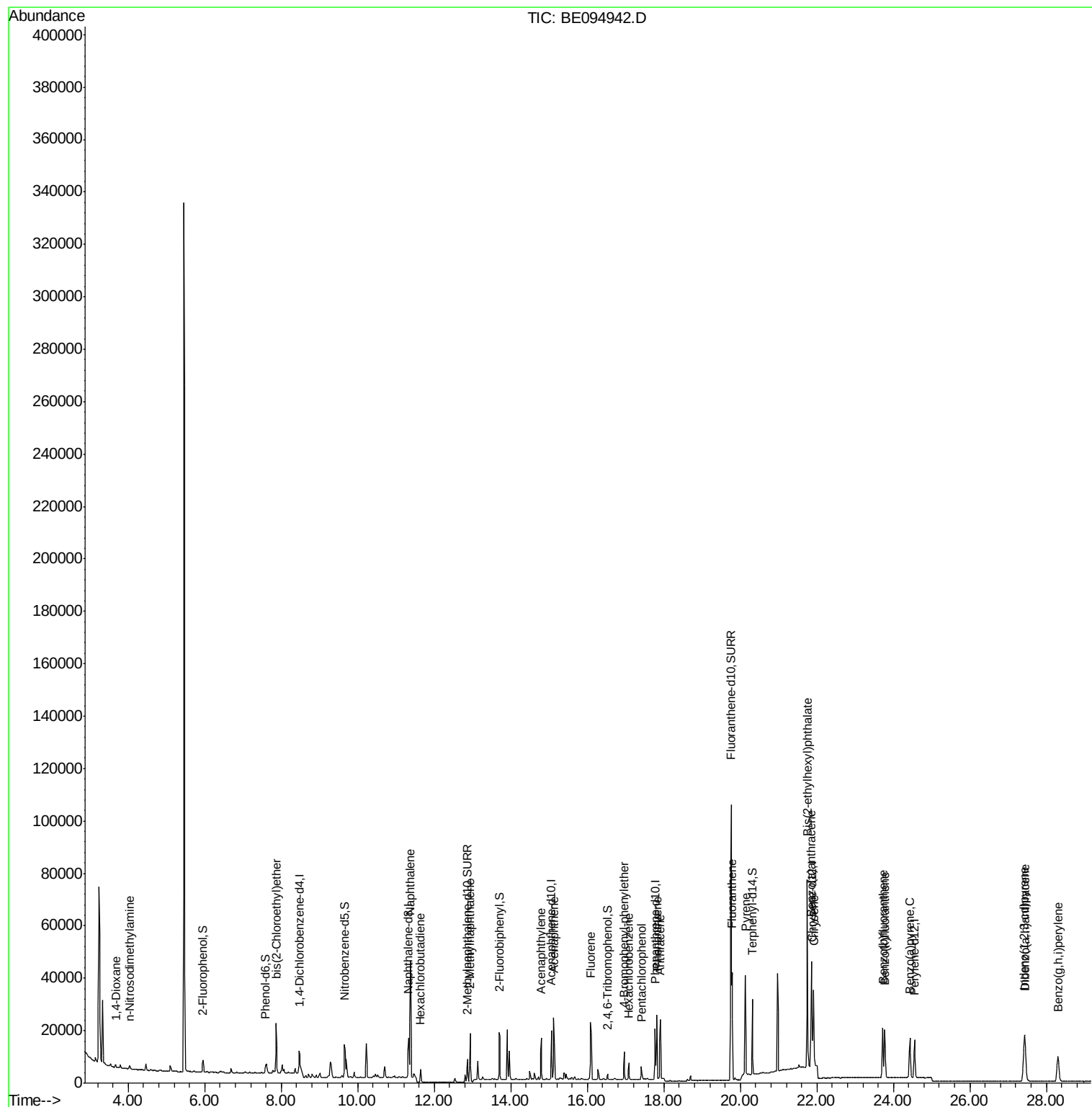
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.68	88	760	0.092	ng	# 1
3) n-Nitrosodimethylamine	4.03	42	1369	0.131	ng	# 69
6) bis(2-Chloroethyl)ether	7.87	93	5969	0.327	ng	95
9) Naphthalene	11.38	128	73028	0.355	ng	99
10) Hexachlorobutadiene	11.64	225	3162	0.364	ng	97
12) 2-Methylnaphthalene	12.94	142	18643	0.365	ng	98
16) Acenaphthylene	14.79	152	19080	0.328	ng	99
17) Acenaphthene	15.12	154	12322	0.328	ng	96
18) Fluorene	16.08	166	16395	0.343	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	5189	0.382	ng	# 85
21) Hexachlorobenzene	17.09	284	4702	0.355	ng	# 81
22) Pentachlorophenol	17.41	266	2301	0.658	ng	# 72
23) Phenanthrene	17.82	178	28021	0.361	ng	99
24) Anthracene	17.91	178	29736	0.361	ng	# 92
26) Fluoranthene	19.78	202	34842	0.349	ng	99
28) Pyrene	20.13	202	35926	0.401	ng	# 95
30) Benzo(a)anthracene	21.86	228	32182	0.405	ng	# 62
31) Chrysene	21.92	228	32589	0.371	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.75	149	83780	0.636	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.42	276	28424	0.395	ng	99
35) Benzo(b)fluoranthene	23.72	252	28430	0.363	ng	# 41
36) Benzo(k)fluoranthene	23.77	252	27658	0.346	ng	# 41
37) Benzo(a)pyrene	24.43	252	26082	0.379	ng	# 35
38) Dibenzo(a,h)anthracene	27.44	278	23623	0.372	ng	# 43
39) Benzo(g,h,i)perylene	28.30	276	24382	0.385	ng	# 52

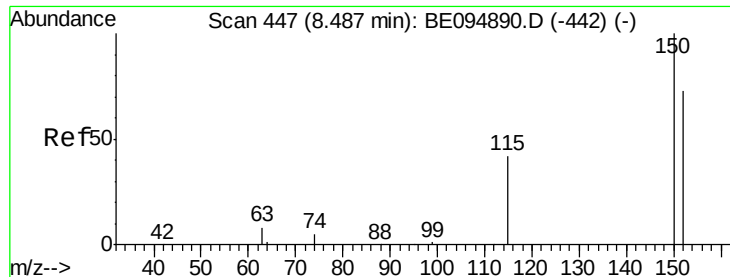
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

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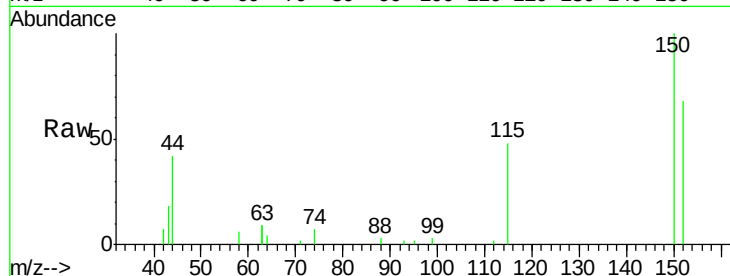
Tot Ion:152 Resp: 7856

Ion Ratio Lower Upper

152 100

150 148.1 117.2 175.8

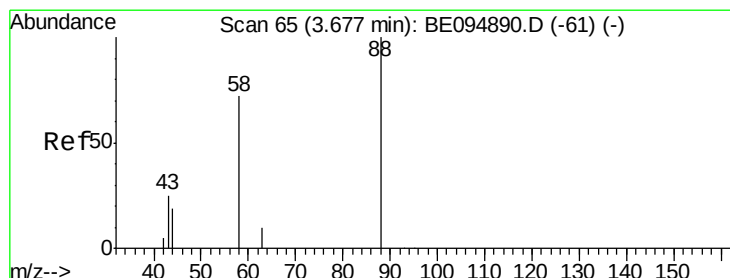
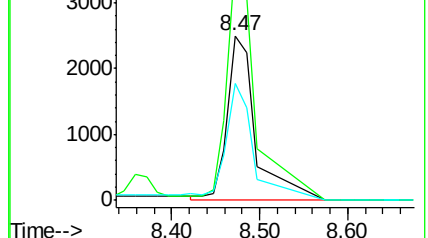
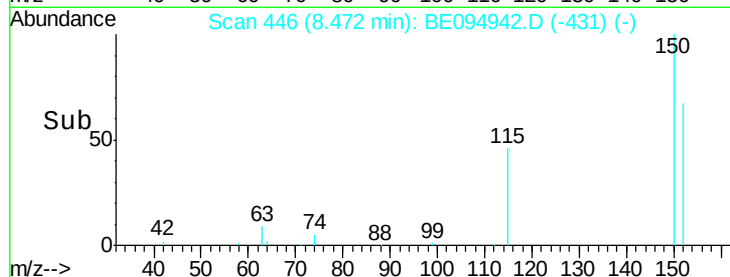
115 70.9 57.0 85.6



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: 0.092 ng

RT: 3.68 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

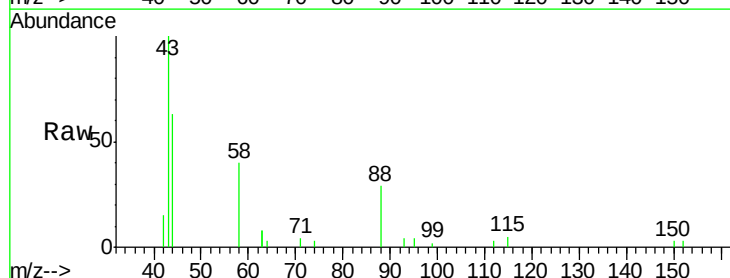
Tgt Ion: 88 Resp: 760

Ion Ratio Lower Upper

88 100

58 202.1 63.2 94.8#

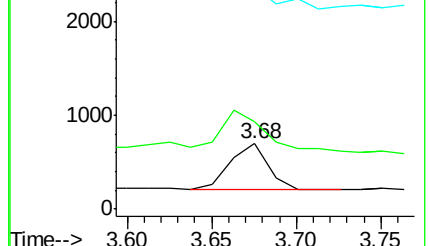
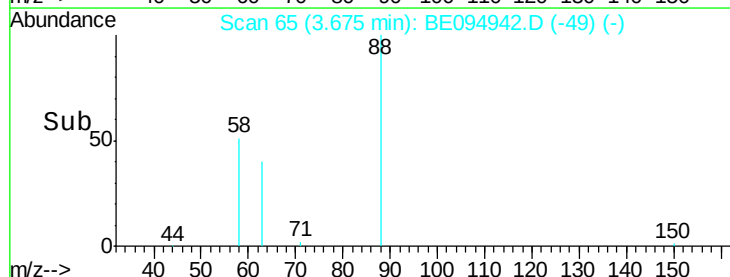
43 94.2 41.2 61.8#

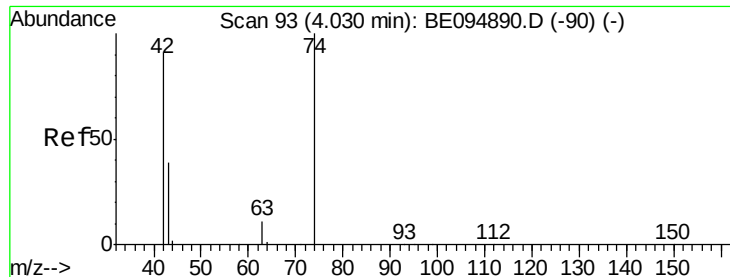


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.131 ng

RT: 4.03 min Scan# 93

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

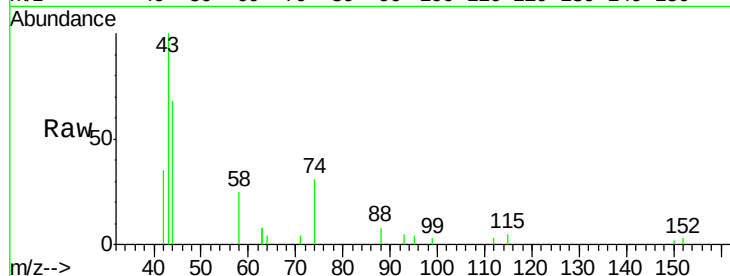
Tot Ion: 42 Resp: 1369

Ion Ratio Lower Upper

42 100

74 86.0 100.3 150.5#

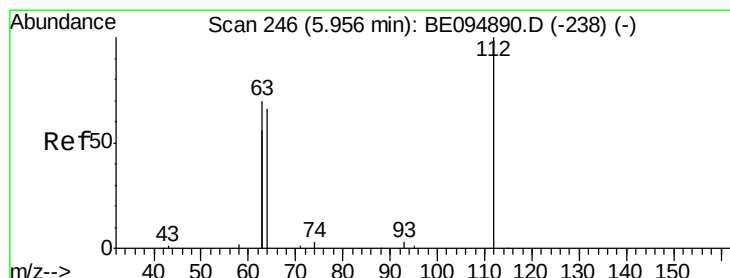
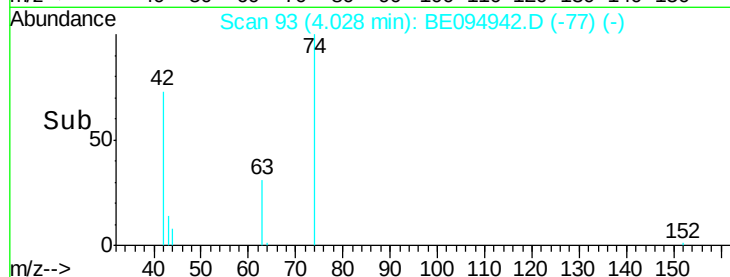
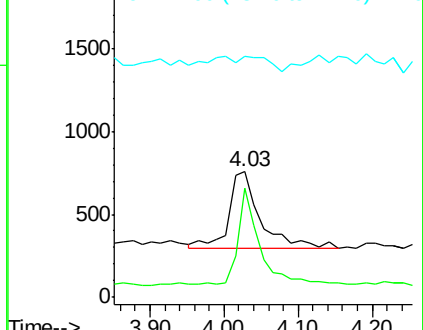
44 17.4 17.0 25.4



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: 0.181 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

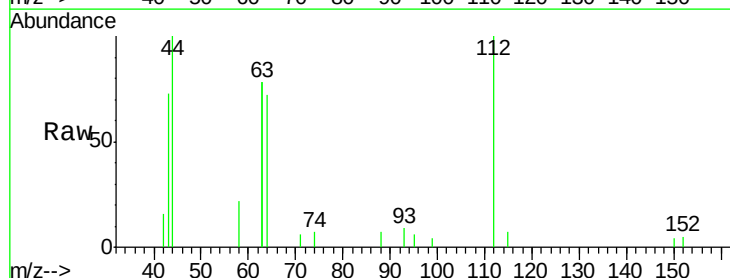
Tgt Ion: 112 Resp: 2249

Ion Ratio Lower Upper

112 100

64 75.4 60.1 90.1

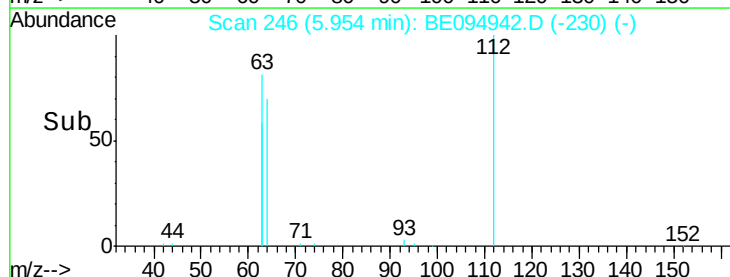
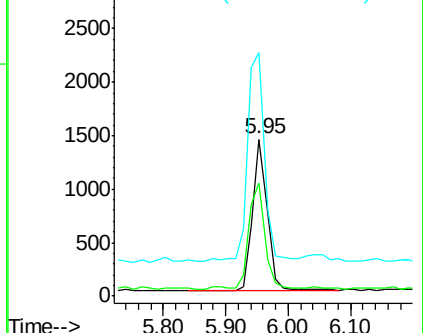
63 160.7 116.8 175.2

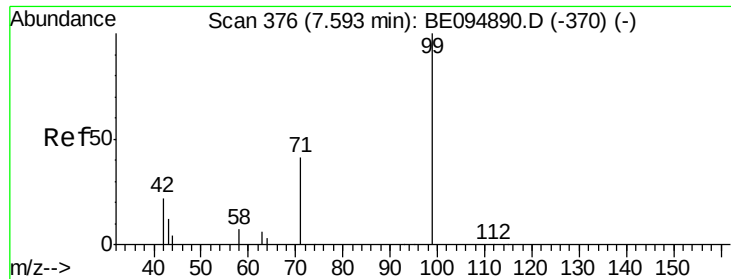


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.116 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

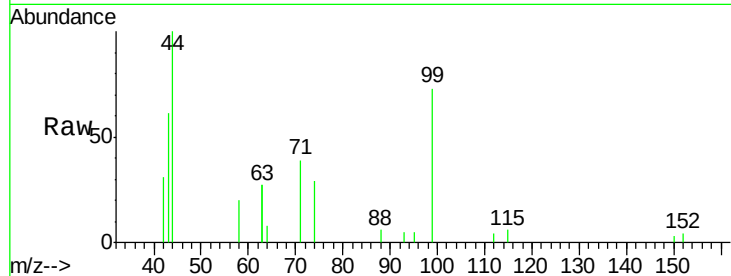
Tot Ion: 99 Resp: 2130

Ion Ratio Lower Upper

99 100

42 30.2 20.2 30.2

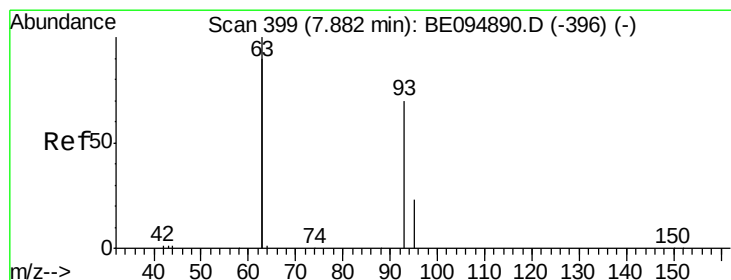
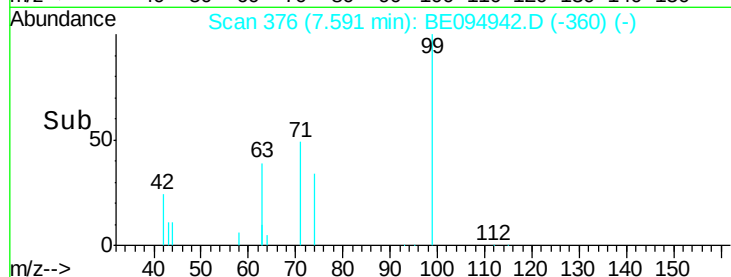
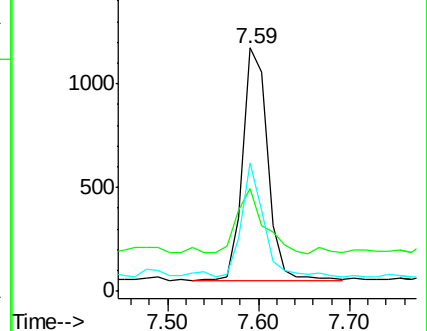
71 44.9 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.327 ng

RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

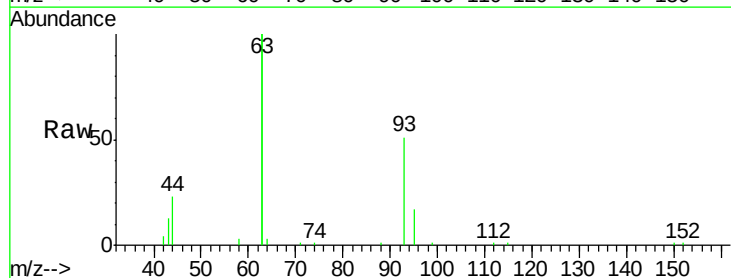
Tgt Ion: 93 Resp: 5969

Ion Ratio Lower Upper

93 100

63 354.2 275.3 412.9

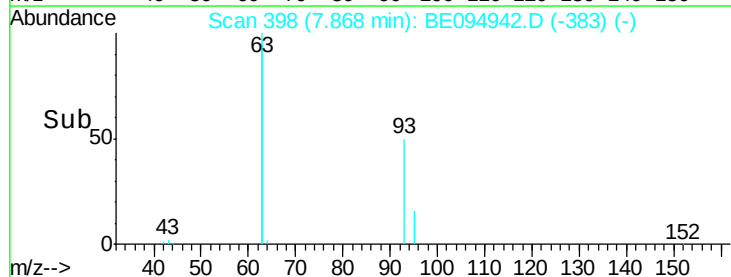
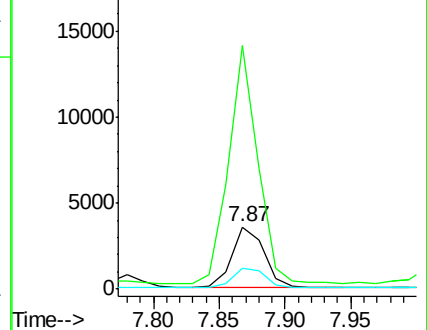
95 33.4 25.2 37.8

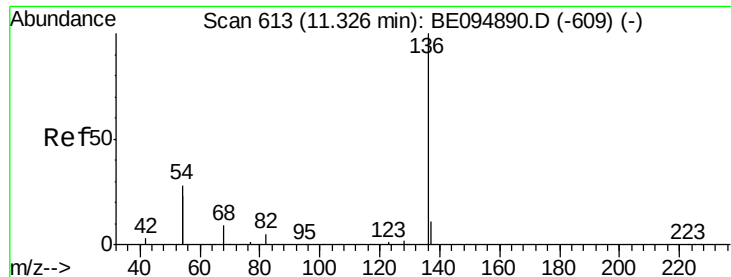


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

Tot Ion:136 Resp: 17555

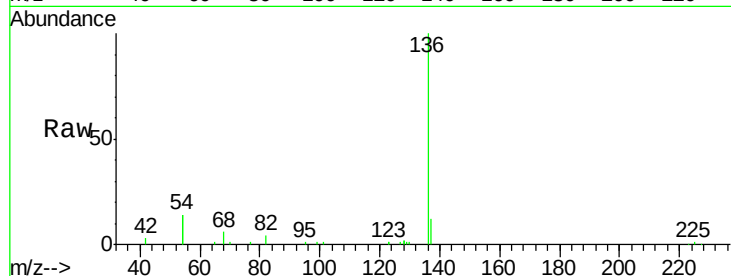
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 27.9 29.1 43.7#

68 5.7 6.2 9.2#

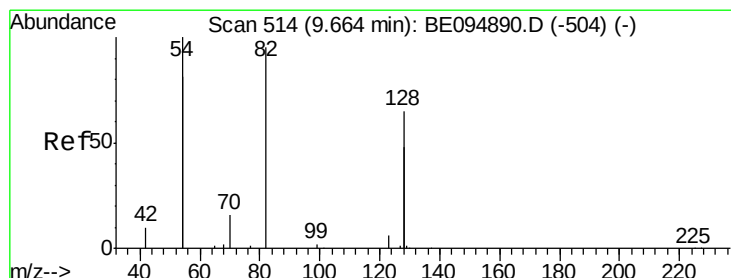
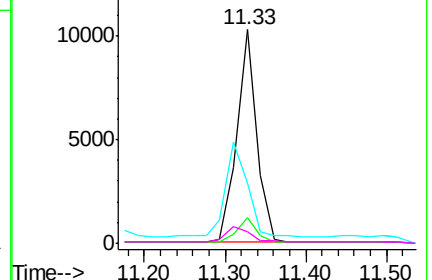
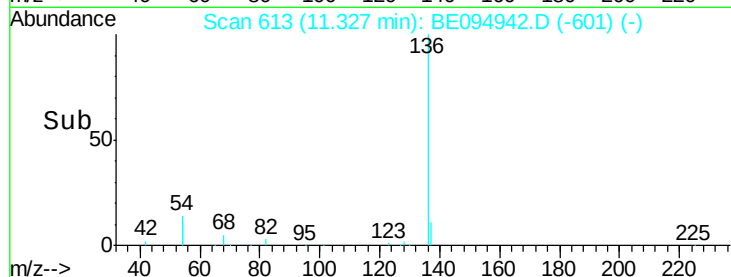


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.538 ng

RT: 9.65 min Scan# 513

Delta R.T. -0.02 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

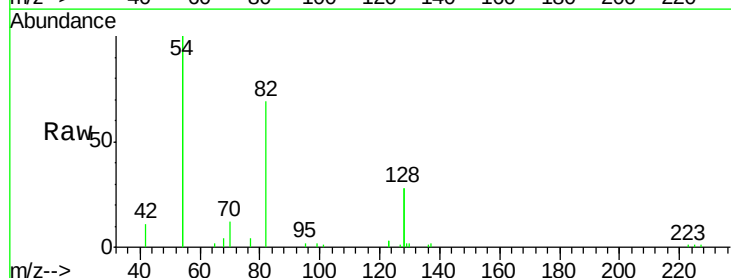
Tgt Ion: 82 Resp: 5595

Ion Ratio Lower Upper

82 100

128 82.2 150.0 225.0#

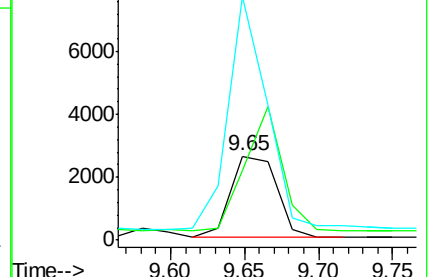
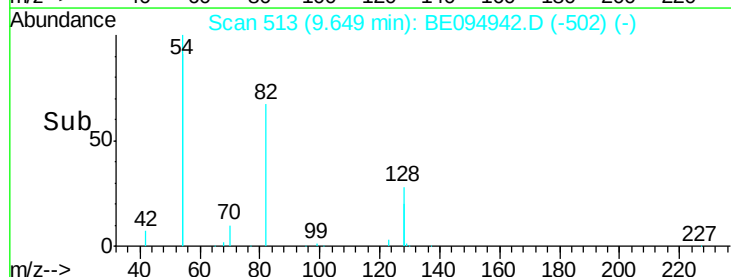
54 289.6 154.2 231.4#

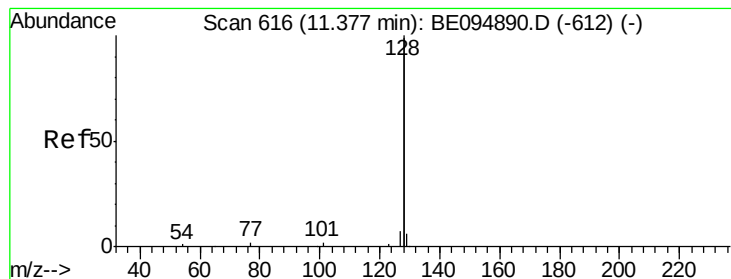


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.355 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

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ClientSampleId :

FT-MW01S-20171130MS

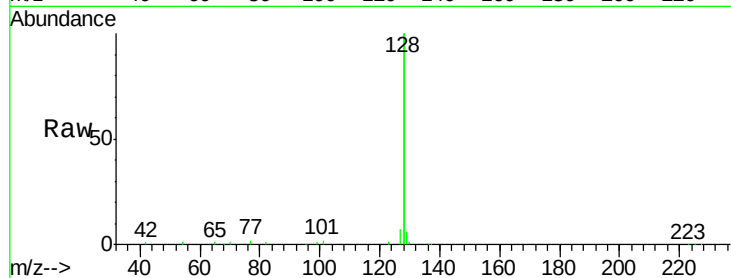
Tot Ion:128 Resp: 73028

Ion Ratio Lower Upper

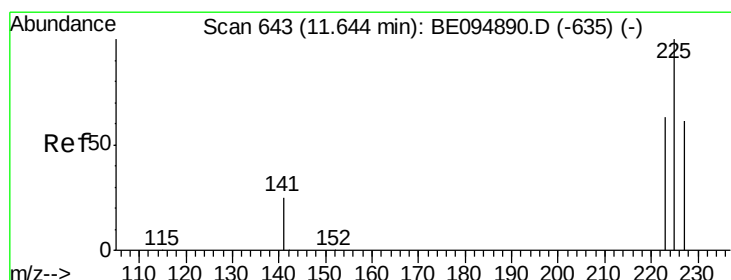
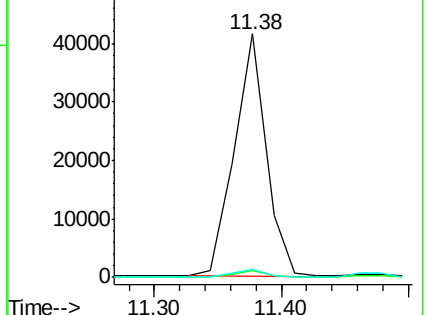
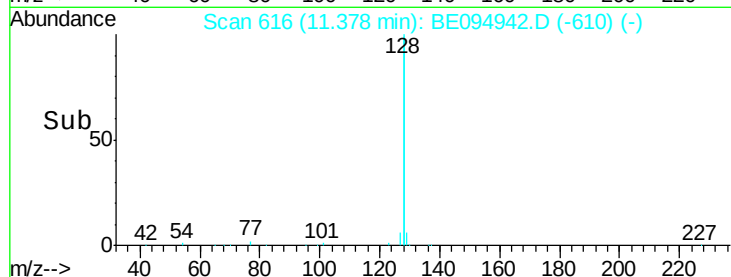
128 100

129 2.9 2.6 3.8

127 3.3 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: 0.364 ng

RT: 11.64 min Scan# 642

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

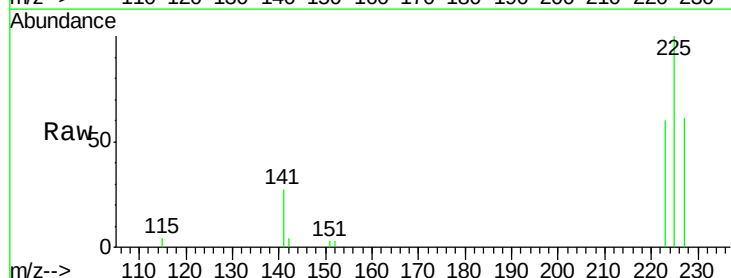
Tgt Ion:225 Resp: 3162

Ion Ratio Lower Upper

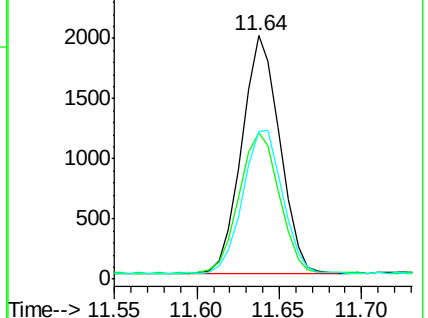
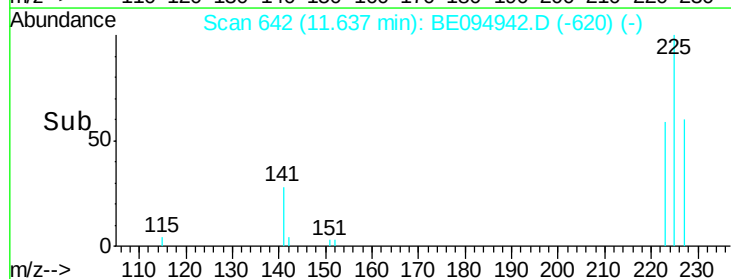
225 100

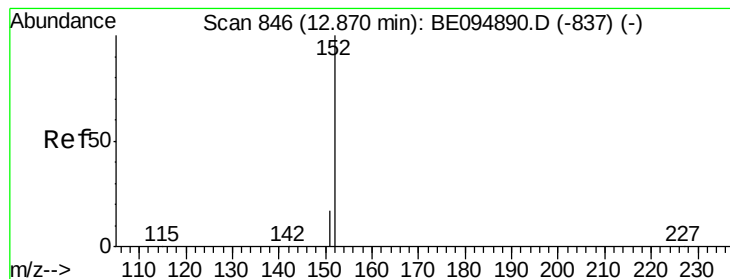
223 62.6 53.0 79.6

227 63.7 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: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

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ClientSampleId :

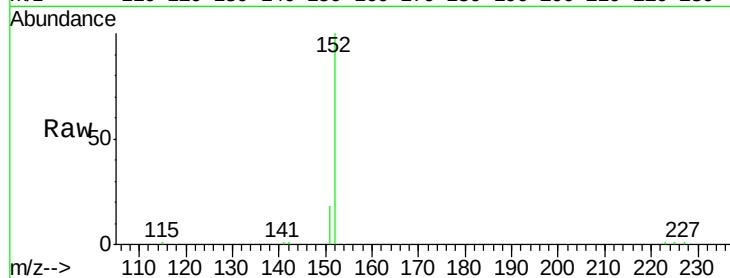
FT-MW01S-20171130MS

Tot Ion:152 Resp: 11250

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.86

8000

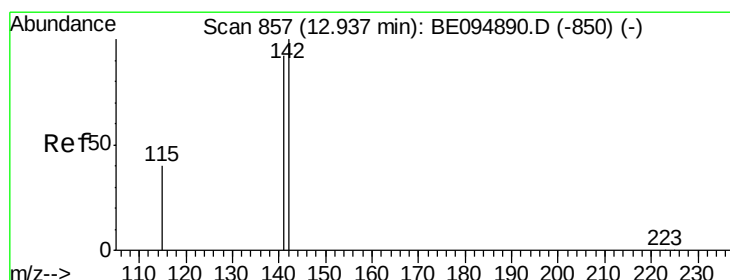
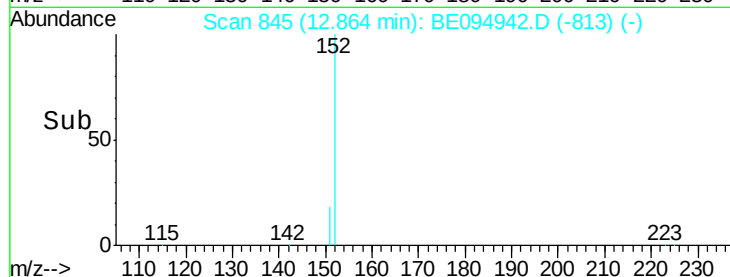
6000

4000

2000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.365 ng

RT: 12.94 min Scan# 857

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

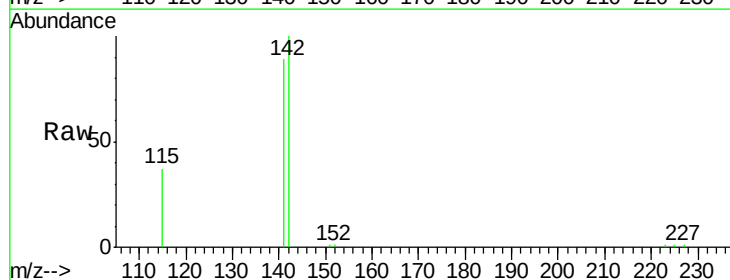
Tgt Ion:142 Resp: 18643

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

115 37.2 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

12.94

10000

8000

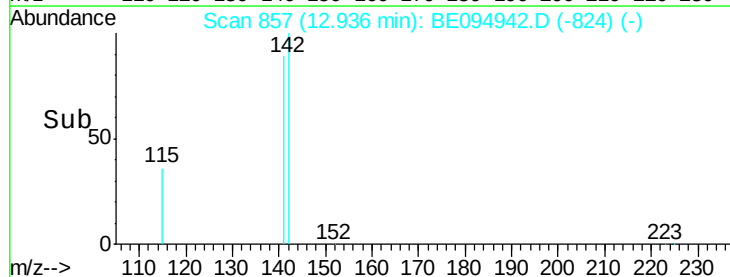
6000

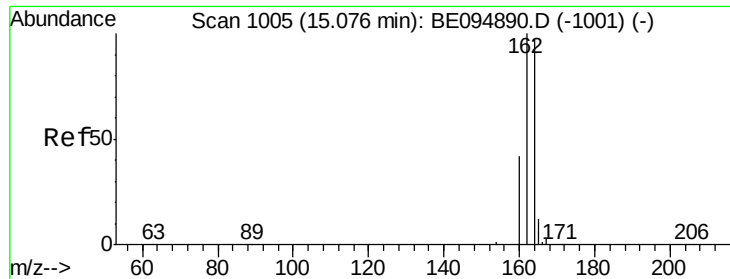
4000

2000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

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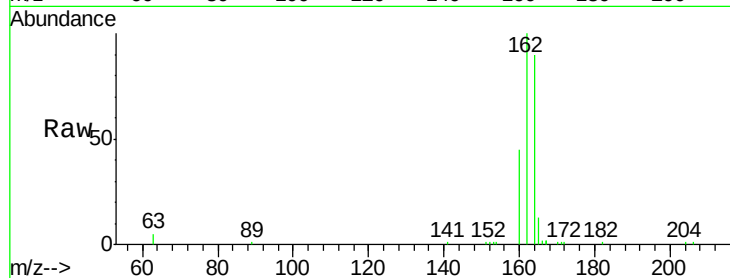
Tot Ion:164 Resp: 10300

Ion Ratio Lower Upper

164 100

162 111.2 83.1 124.7

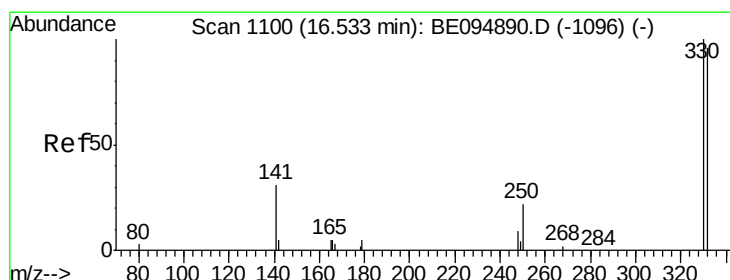
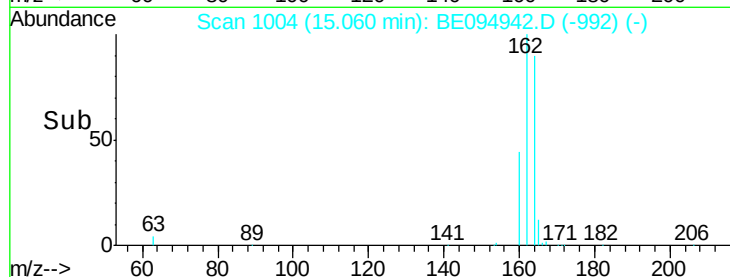
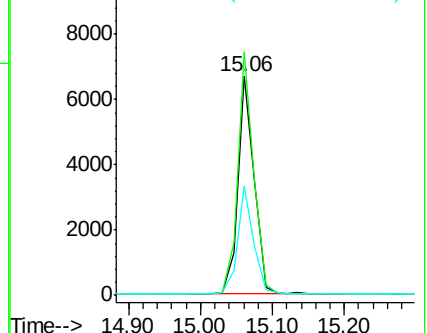
160 49.7 37.1 55.7



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: 0.518 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

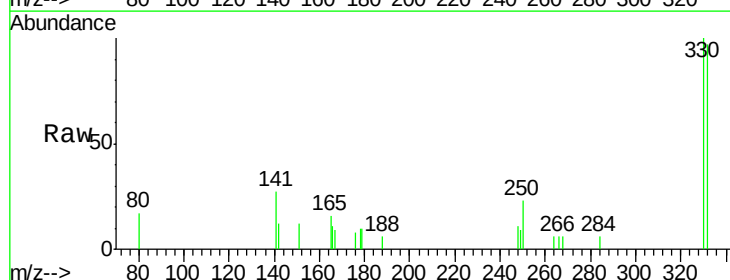
Tgt Ion:330 Resp: 1158

Ion Ratio Lower Upper

330 100

332 95.6 152.7 229.1#

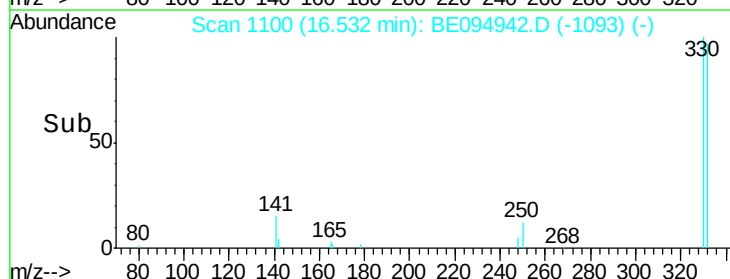
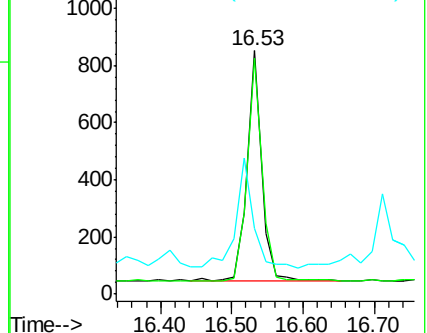
141 57.0 33.7 50.5#

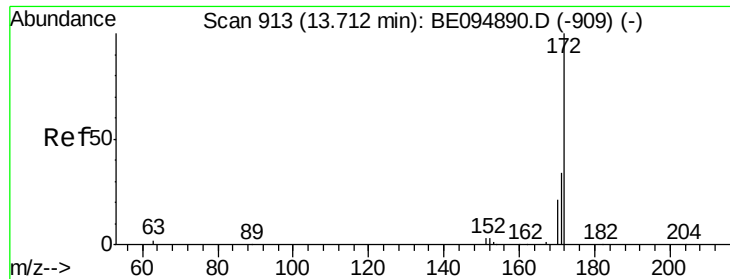


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

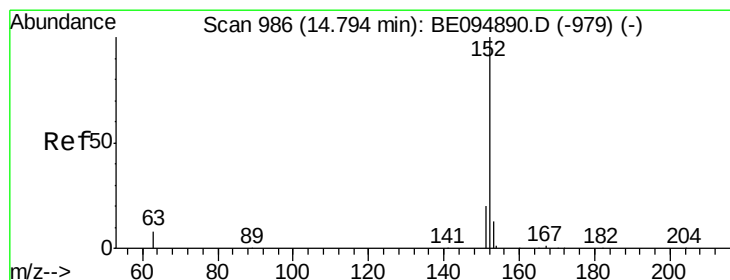
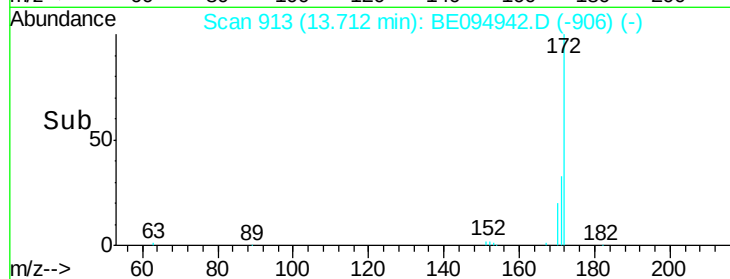
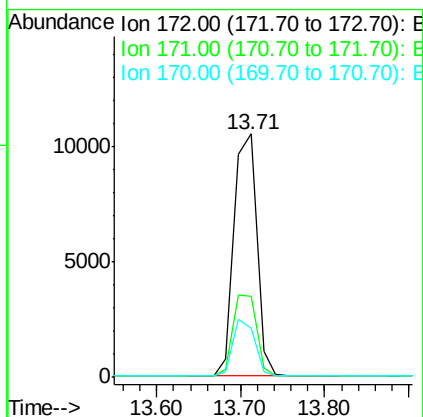
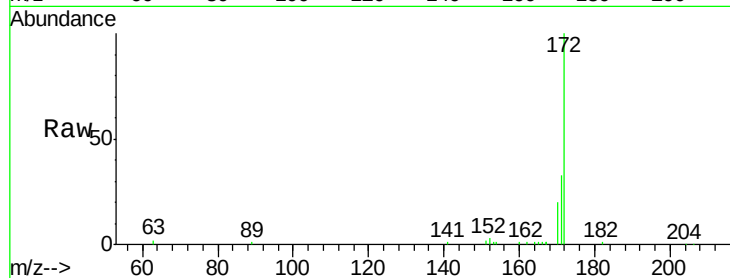




#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094942.D
Acq: 6 Dec 2017 7:30

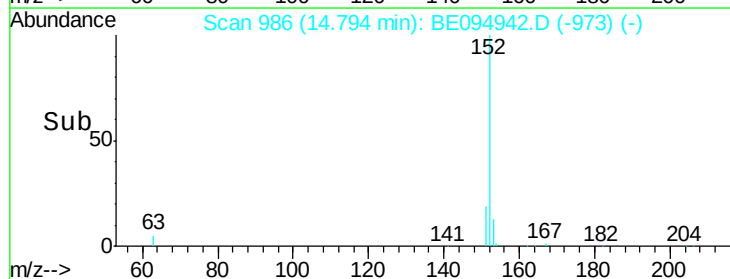
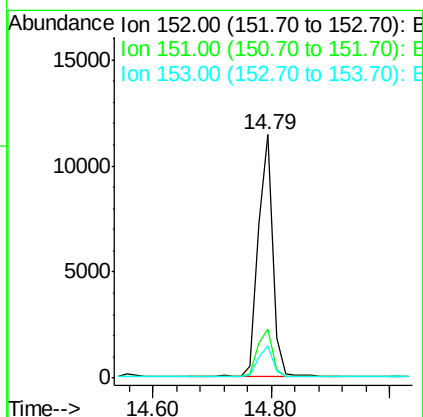
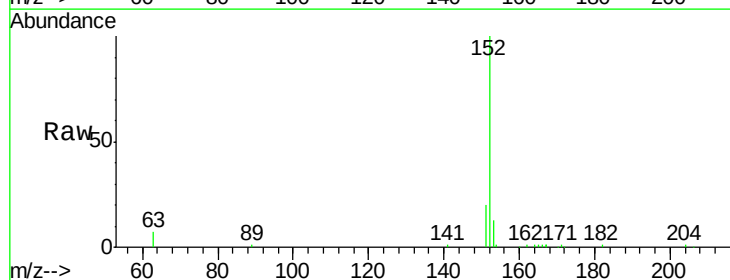
Instrument :
BNA_E
ClientSampleId :
FT-MW01S-20171130MS

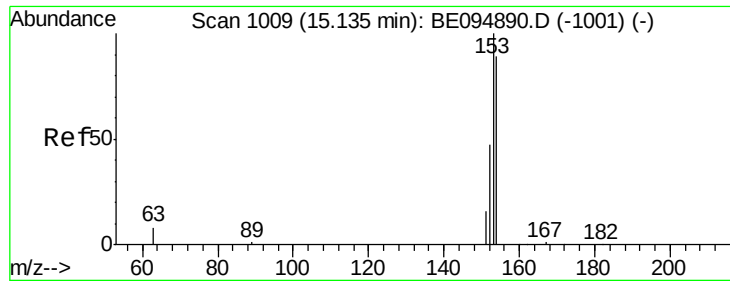
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.9	44.9
170	20.0	21.8	32.8



#16
Acenaphthylene
Concen: 0.328 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094942.D
Acq: 6 Dec 2017 7:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	12.5	10.5	15.7

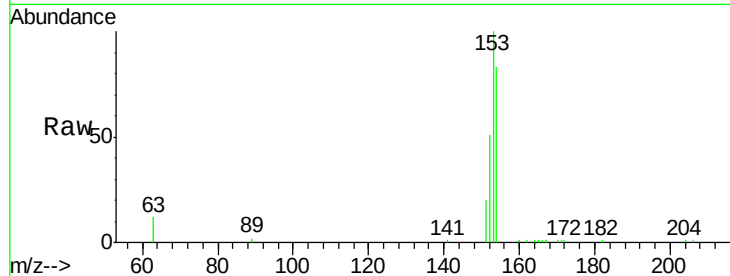




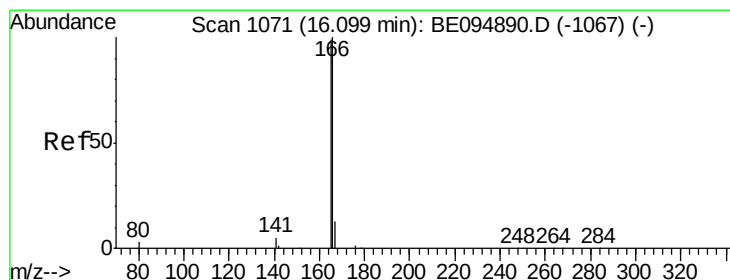
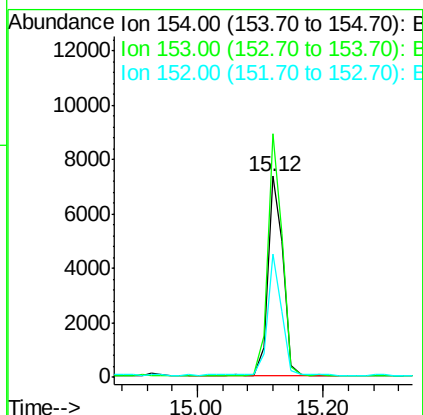
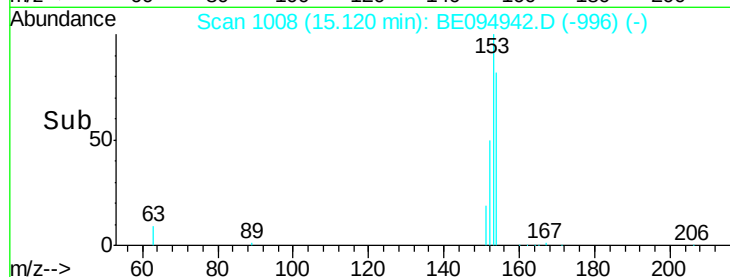
#17
Acenaphthene
Concen: 0.328 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BE094942.D
Acq: 6 Dec 2017 7:30

Instrument :
BNA_E
ClientSampleId :
FT-MW01S-20171130MS

Tot Ion:154 Resp: 12322
Ion Ratio Lower Upper
154 100
153 115.1 89.2 133.8
152 56.9 42.0 63.0

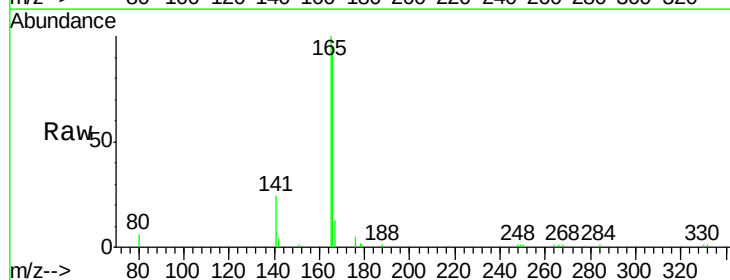


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

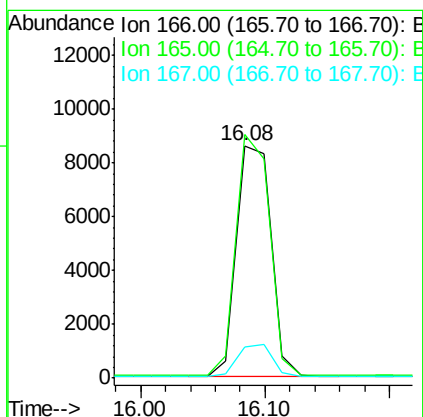
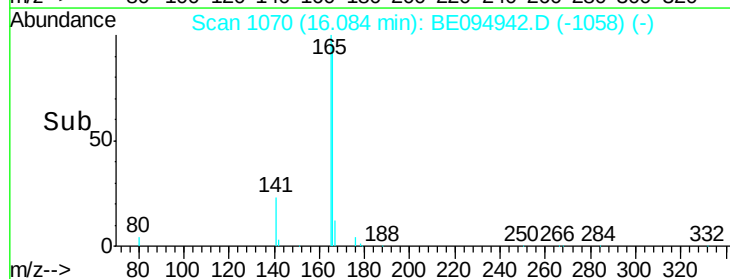


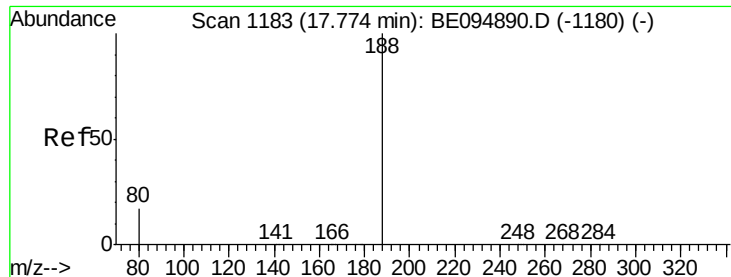
#18
Fluorene
Concen: 0.343 ng
RT: 16.08 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BE094942.D
Acq: 6 Dec 2017 7:30

Tgt Ion:166 Resp: 16395
Ion Ratio Lower Upper
166 100
165 101.7 77.8 116.6
167 14.1 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

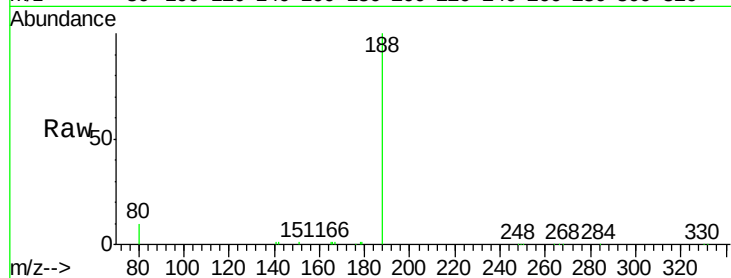
Tot Ion:188 Resp: 24354

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

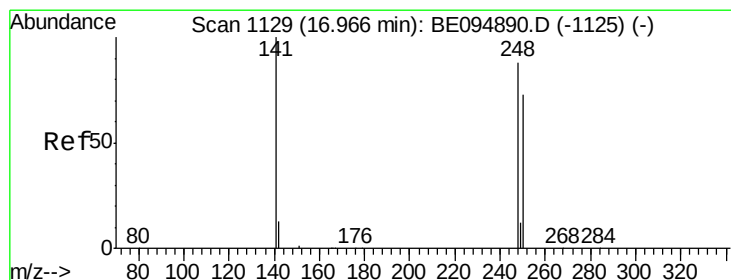
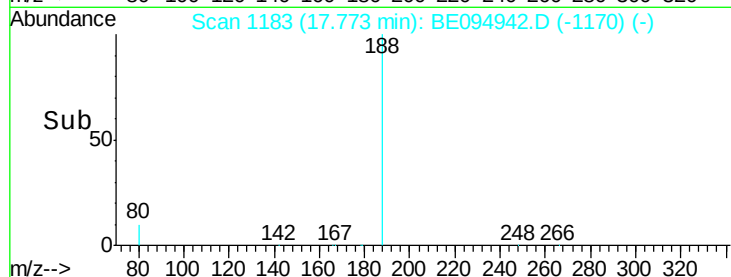
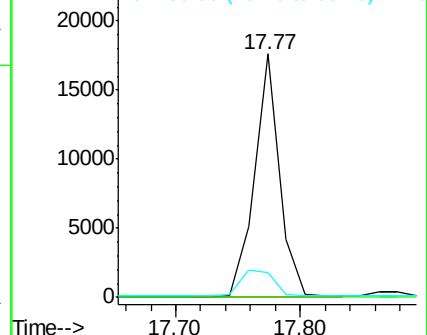
80 10.3 3.6 5.4#



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: 0.382 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

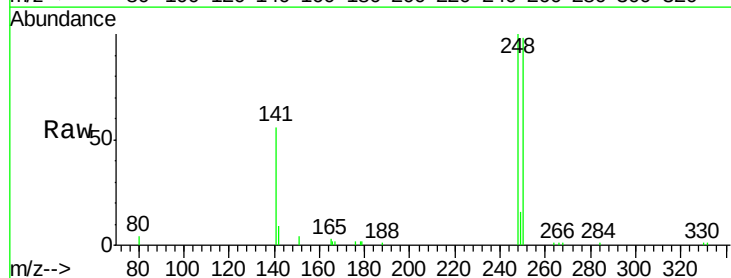
Tgt Ion:248 Resp: 5189

Ion Ratio Lower Upper

248 100

250 98.0 62.7 94.1#

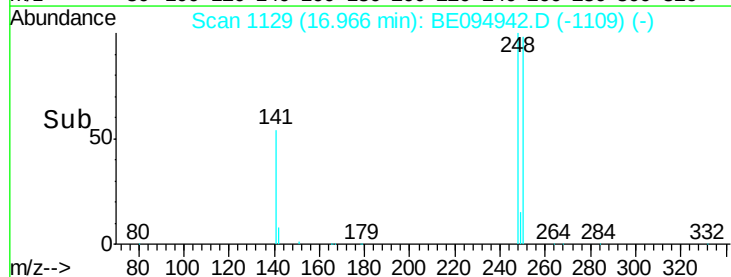
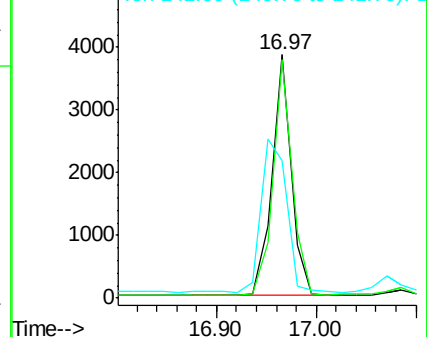
141 56.3 48.2 72.2

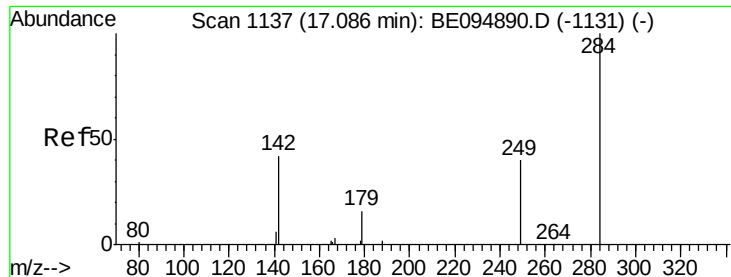


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.355 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

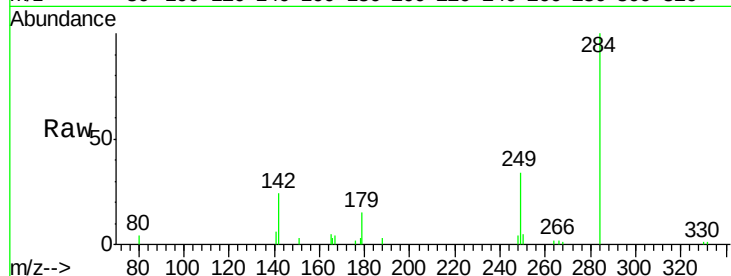
Tot Ion:284 Resp: 4702

Ion Ratio Lower Upper

284 100

142 43.3 22.1 33.1#

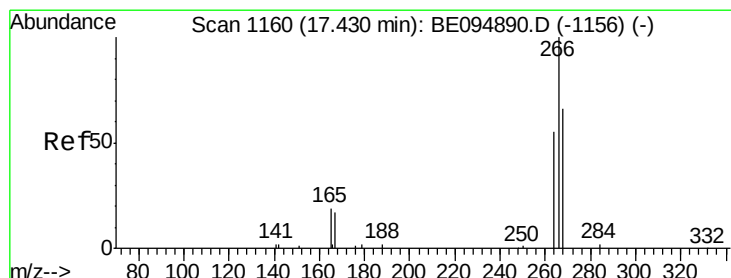
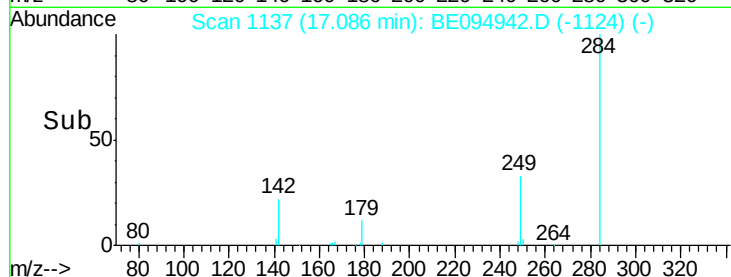
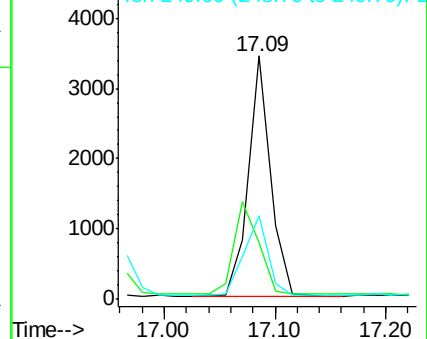
249 35.8 34.8 52.2



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: 0.658 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

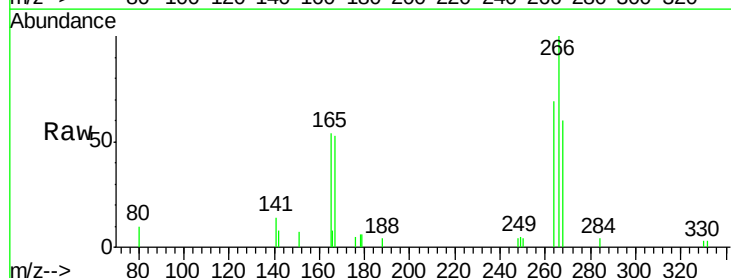
Tgt Ion:266 Resp: 2301

Ion Ratio Lower Upper

266 100

264 69.4 72.5 108.7#

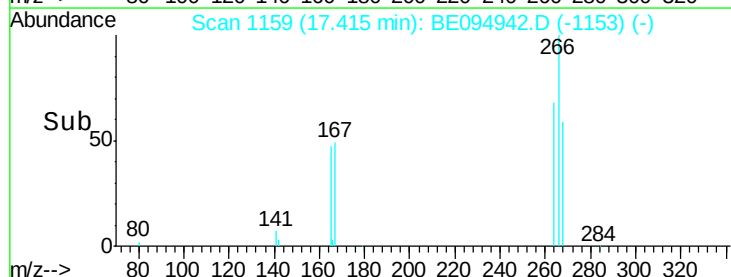
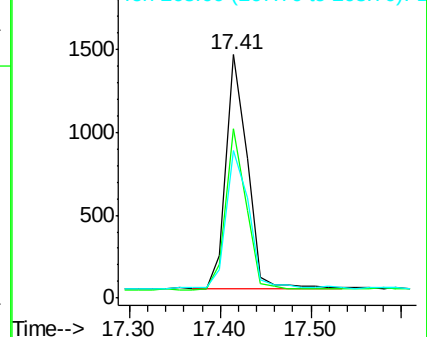
268 60.4 73.8 110.6#

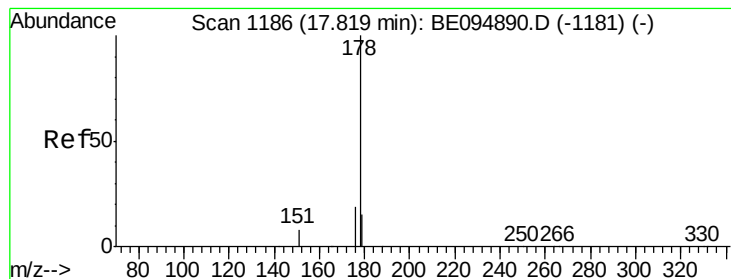


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.361 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

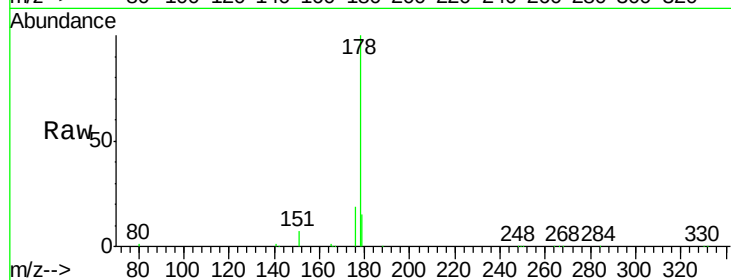
Tot Ion:178 Resp: 28021

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

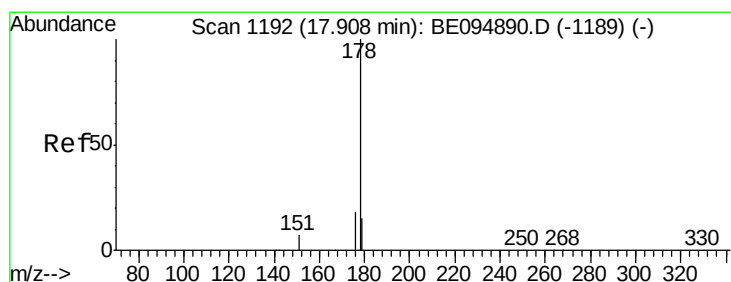
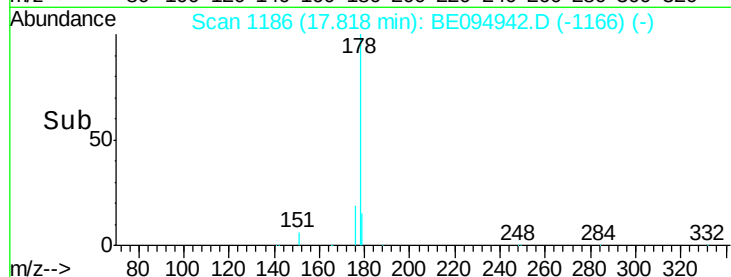
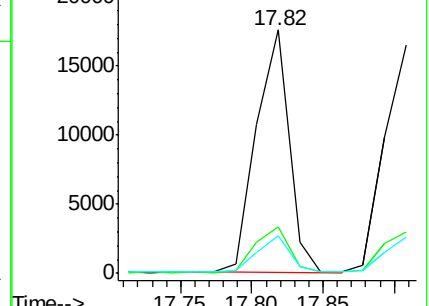
179 14.8 11.8 17.6



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: 0.361 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

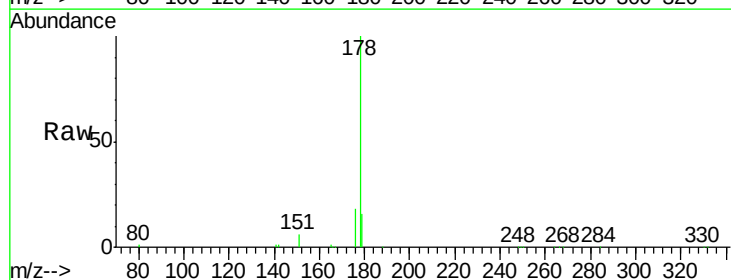
Tgt Ion:178 Resp: 29736

Ion Ratio Lower Upper

178 100

176 20.6 12.8 19.2#

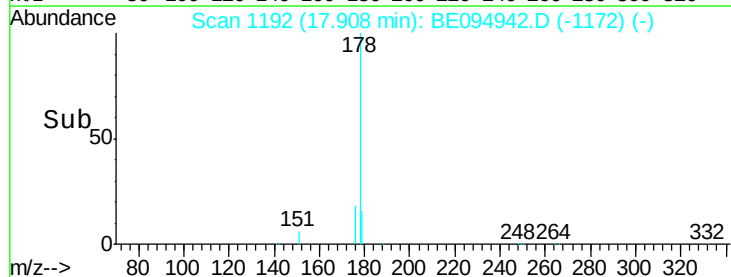
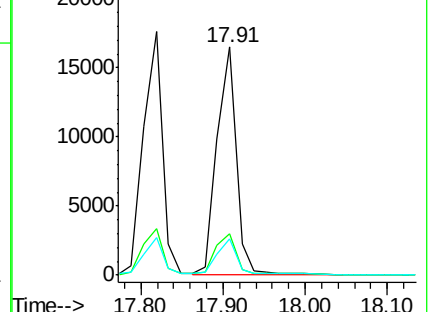
179 18.1 13.0 19.6

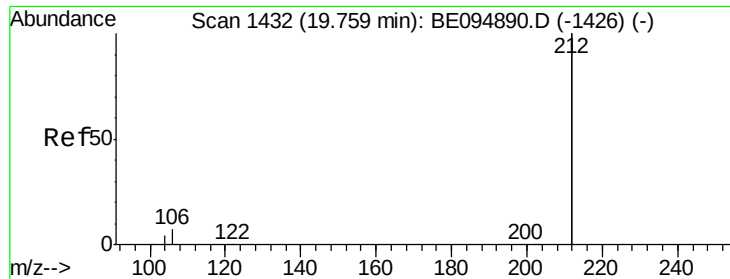


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

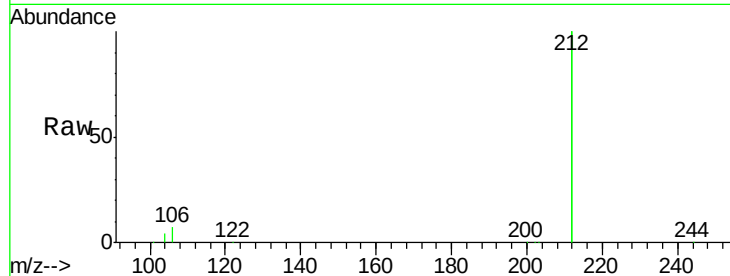
Tot Ion:212 Resp: 129083

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

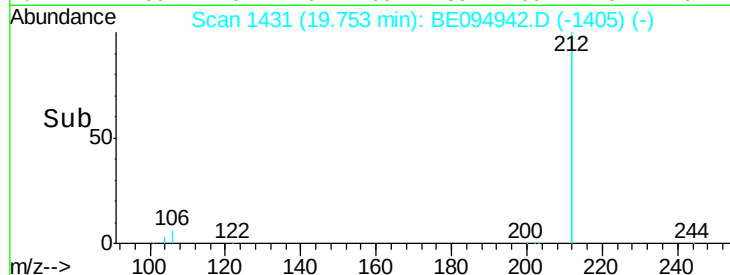
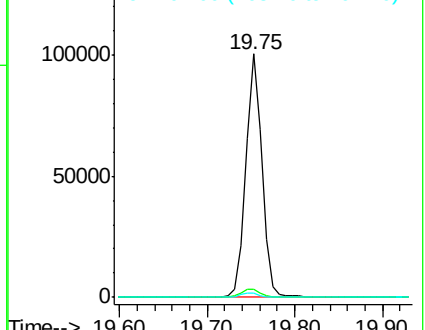
104 2.0 1.6 2.4



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: 0.349 ng

RT: 19.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

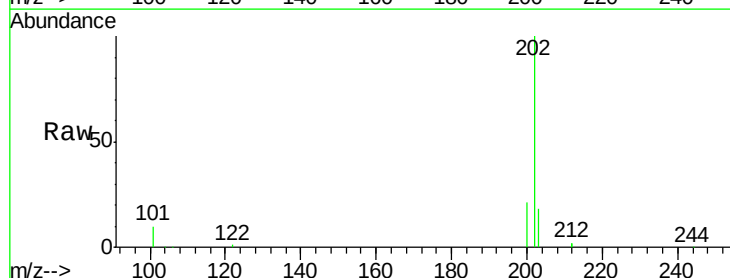
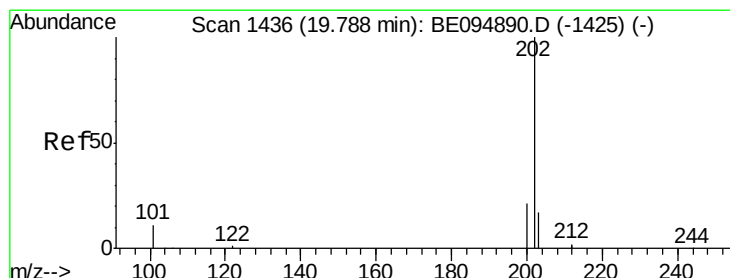
Tgt Ion:202 Resp: 34842

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

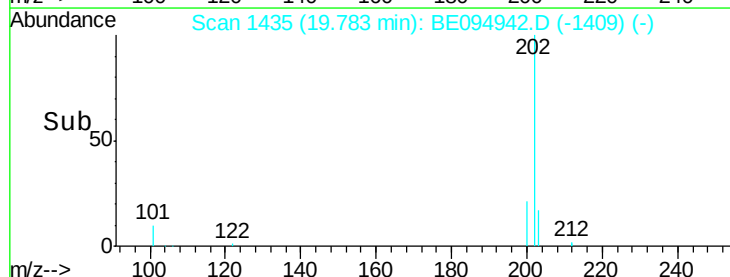
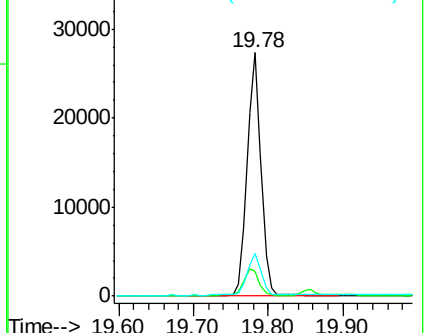
203 16.9 13.7 20.5

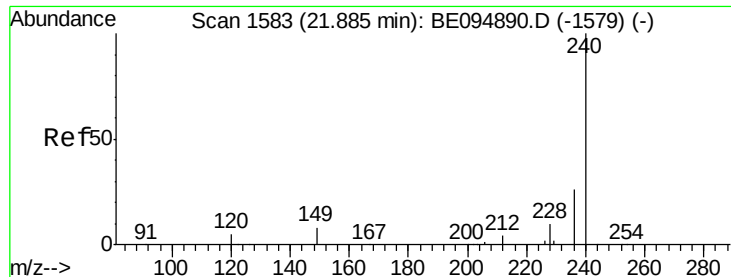


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

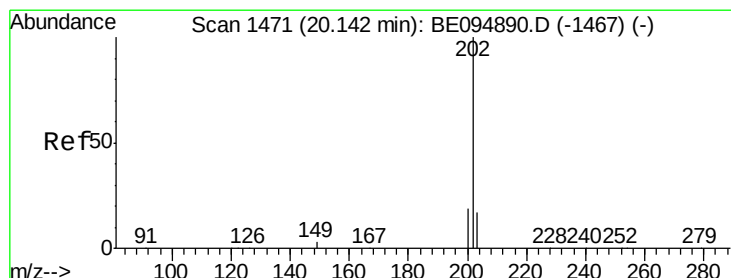
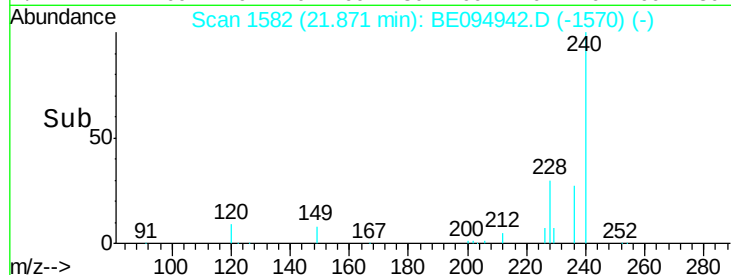
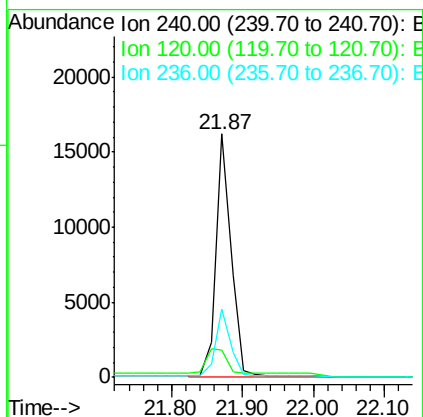
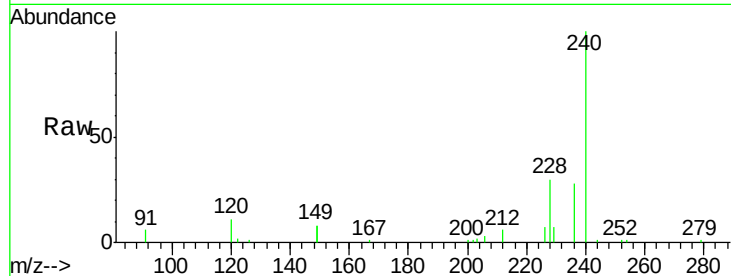




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BE094942.D
Acq: 6 Dec 2017 7:30

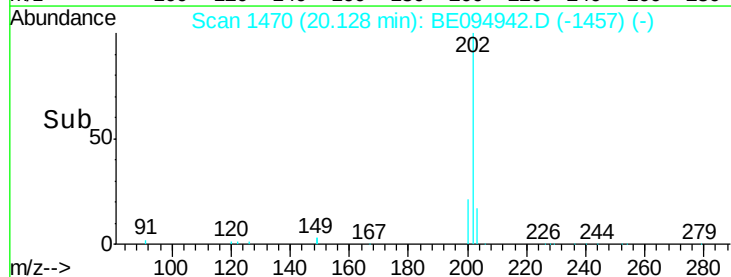
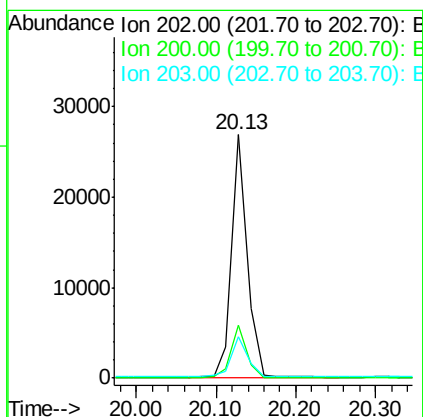
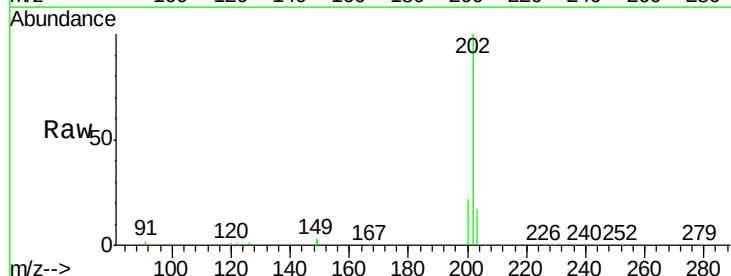
Instrument :
BNA_E
ClientSampleId :
FT-MW01S-20171130MS

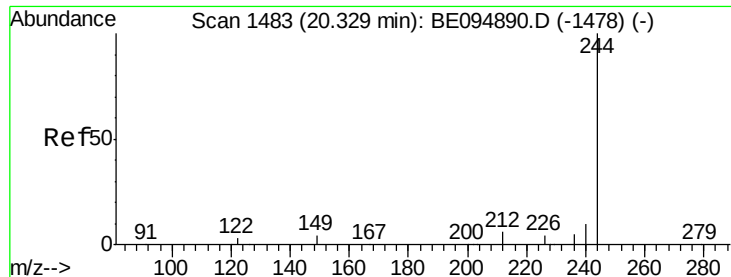
Tot Ion:240 Resp: 25941
Ion Ratio Lower Upper
240 100
120 11.0 5.5 8.3#
236 27.9 20.7 31.1



#28
Pyrene
Concen: 0.401 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BE094942.D
Acq: 6 Dec 2017 7:30

Tgt Ion:202 Resp: 35926
Ion Ratio Lower Upper
202 100
200 25.2 16.6 25.0#
203 17.6 13.8 20.8





#29

Terphenyl-d14

Concen: 0.544 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

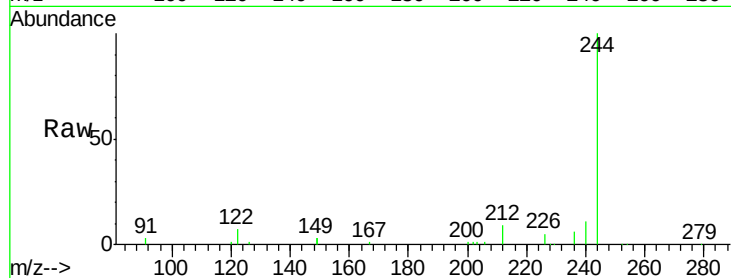
Tot Ion:244 Resp: 26048

Ion Ratio Lower Upper

244 100

212 9.2 25.4 38.0#

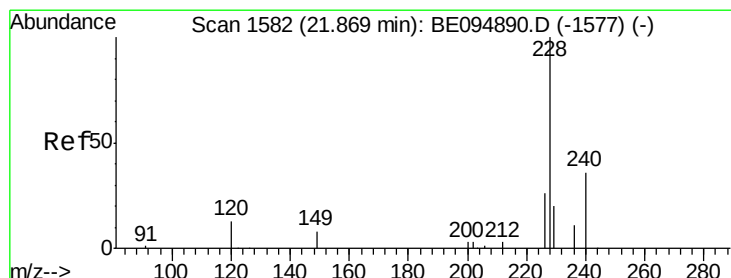
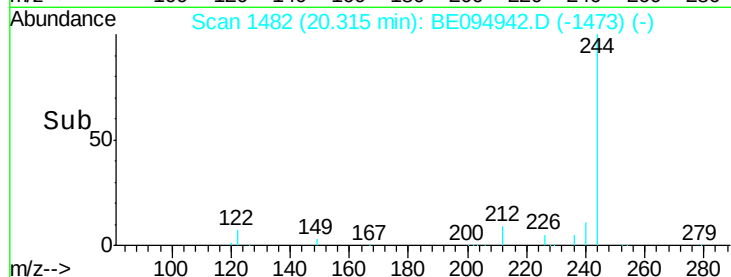
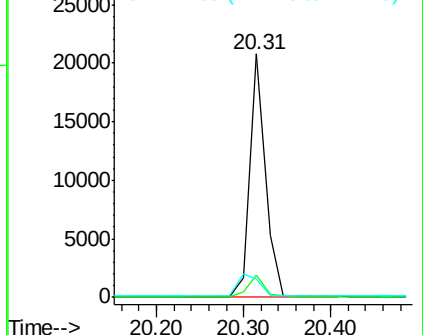
122 7.5 8.1 12.1#



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: 0.405 ng

RT: 21.86 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

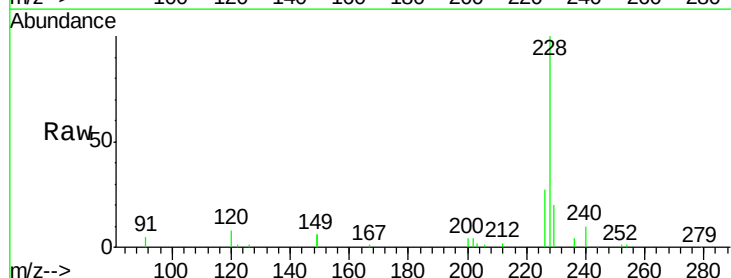
Tgt Ion:228 Resp: 32182

Ion Ratio Lower Upper

228 100

226 27.2 40.0 60.0#

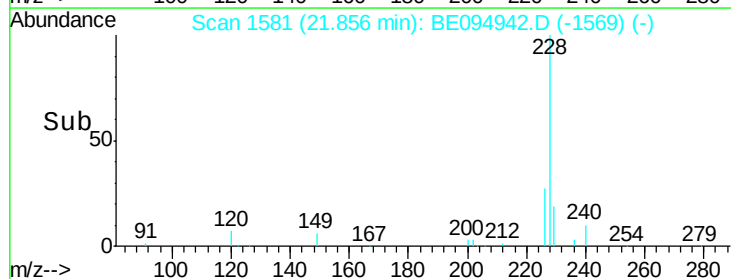
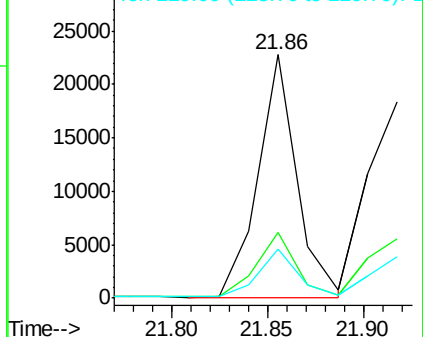
229 19.9 40.0 60.0#

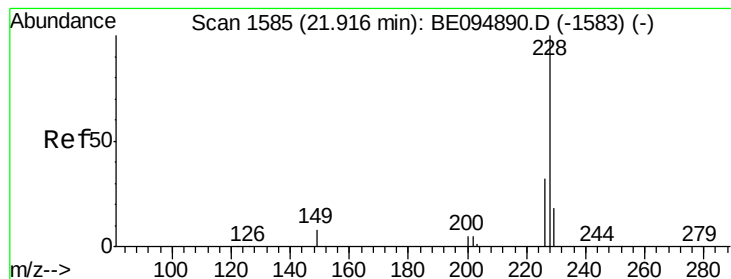


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.371 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

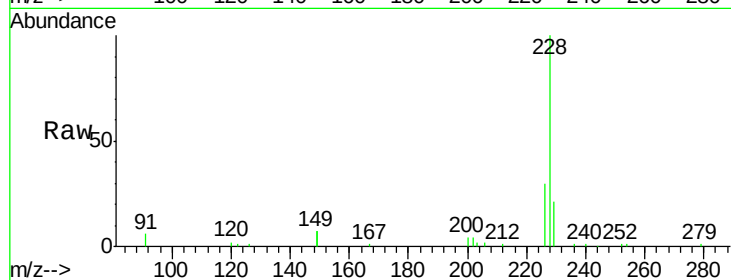
Tot Ion:228 Resp: 32589

Ion Ratio Lower Upper

228 100

226 29.8 40.0 60.0#

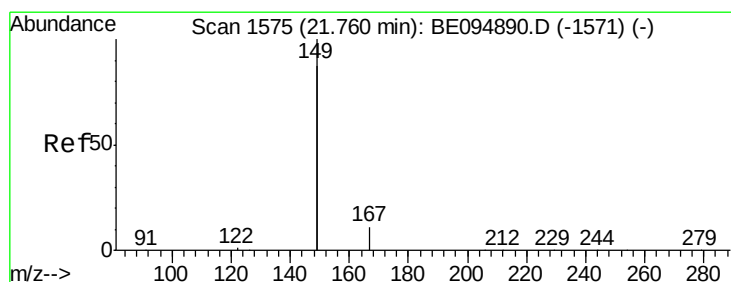
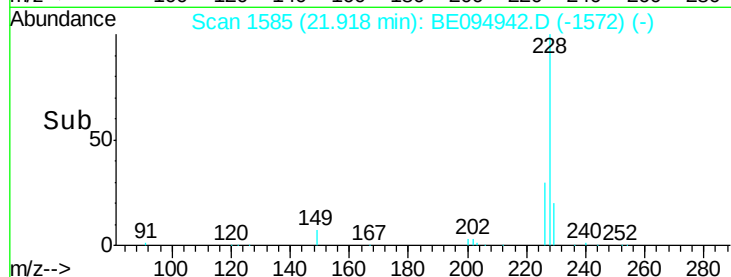
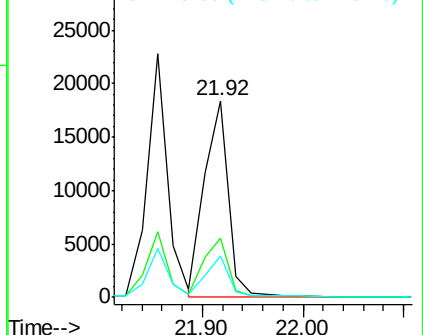
229 21.0 40.0 60.0#



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: 0.636 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

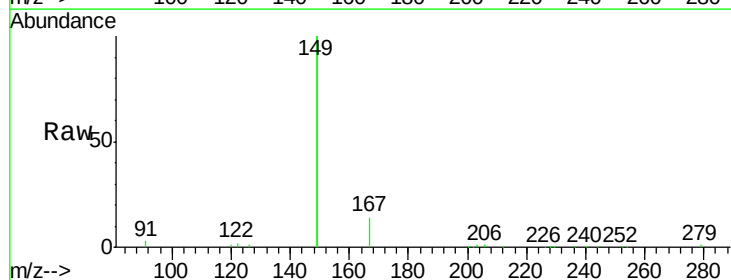
Tgt Ion:149 Resp: 83780

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

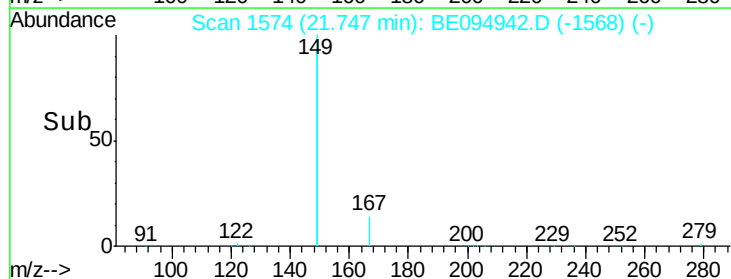
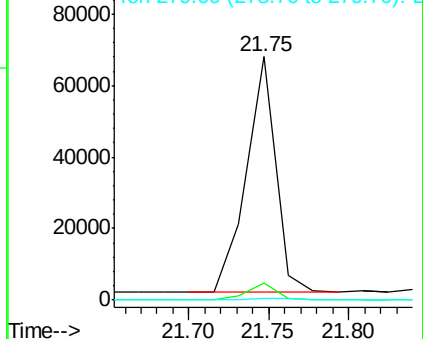
279 0.7 0.7 1.1#

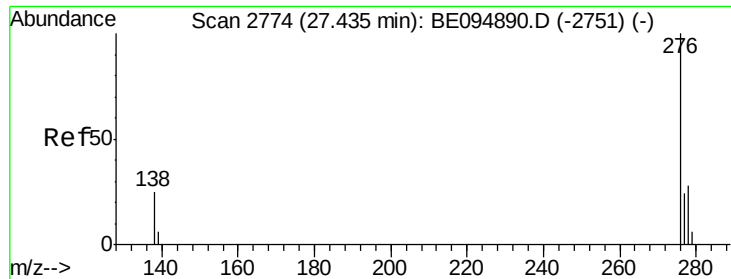


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

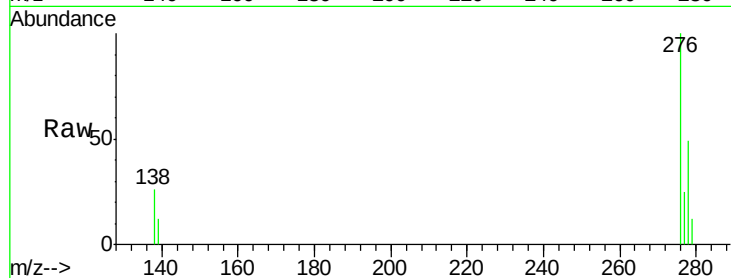




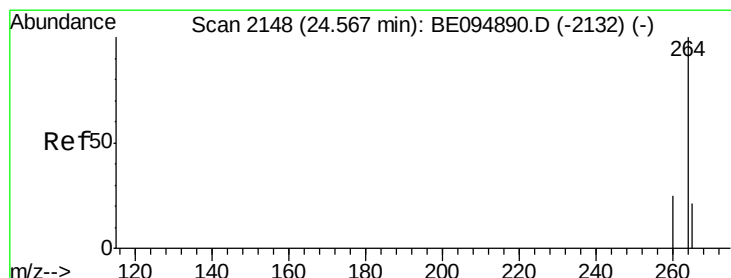
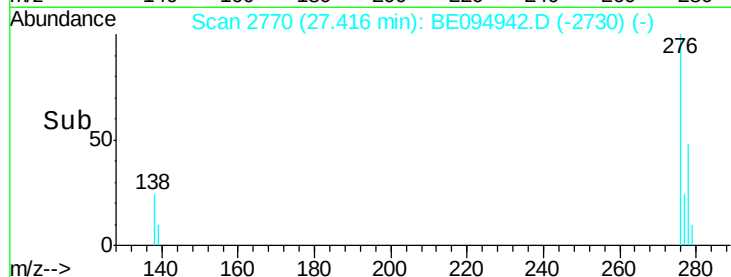
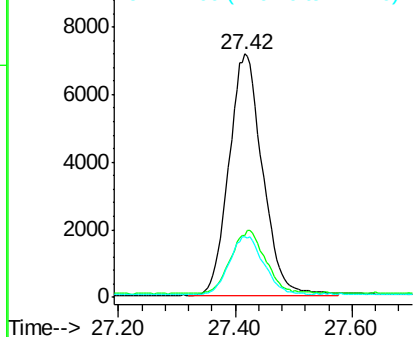
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.395 ng
 RT: 27.42 min Scan# 2770
 Delta R.T. -0.02 min
 Lab File: BE094942.D
 Acq: 6 Dec 2017 7:30

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW01S-20171130MS

Tot Ion:276 Resp: 28424
 Ion Ratio Lower Upper
 276 100
 138 27.3 22.5 33.7
 277 24.8 19.9 29.9

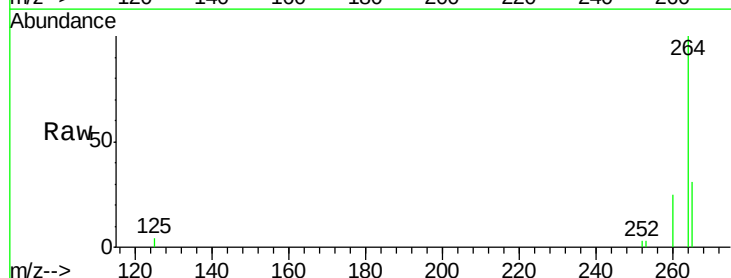


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

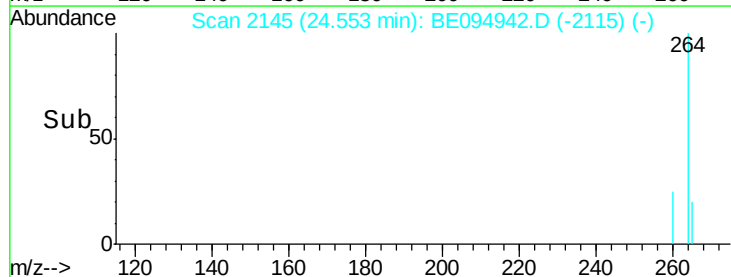
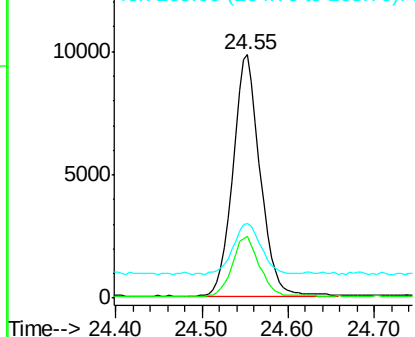


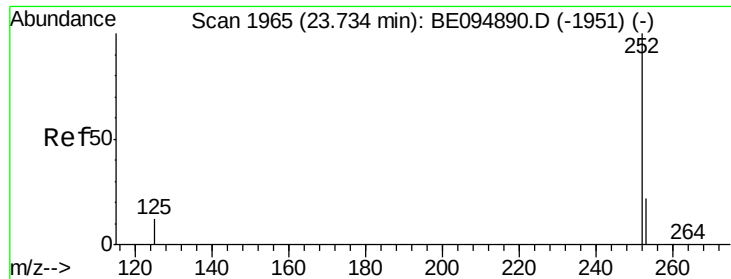
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.55 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BE094942.D
 Acq: 6 Dec 2017 7:30

Tgt Ion:264 Resp: 21473
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.5 30.7
 265 30.9 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: 0.363 ng

RT: 23.72 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

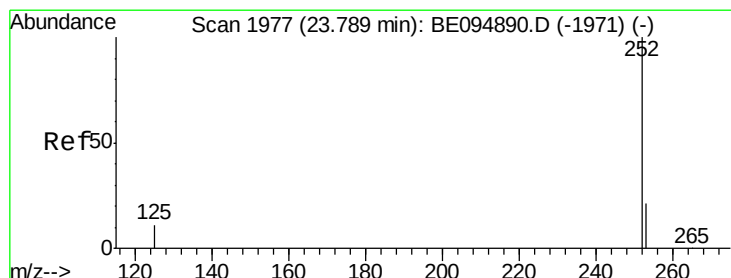
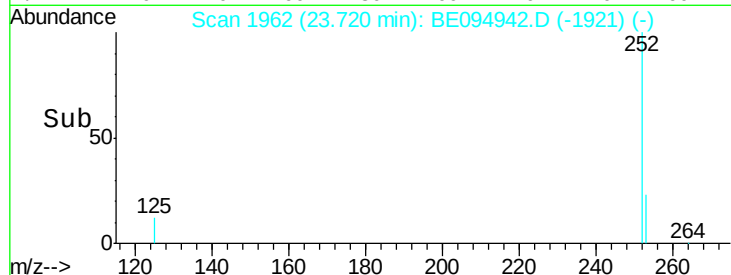
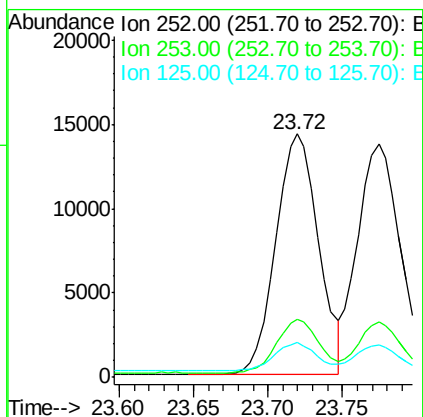
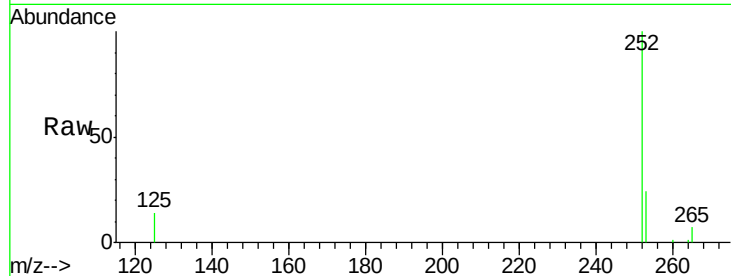
Tot Ion:252 Resp: 28430

Ion Ratio Lower Upper

252 100

253 23.9 48.0 72.0#

125 14.4 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.346 ng

RT: 23.77 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

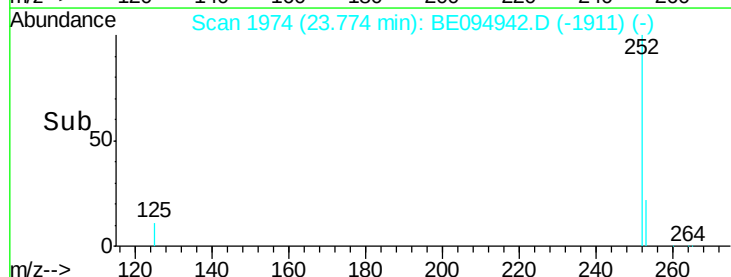
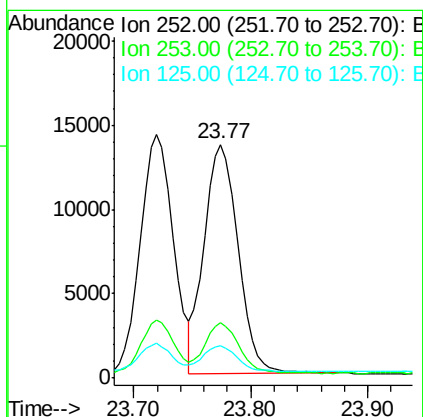
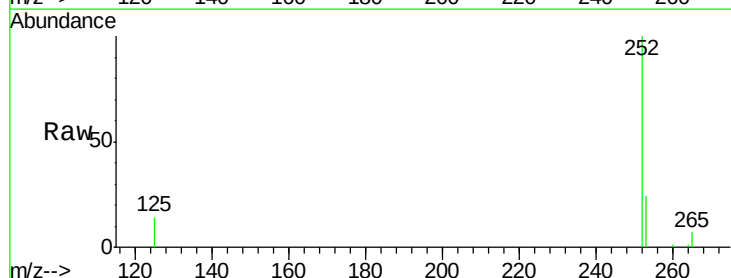
Tgt Ion:252 Resp: 27658

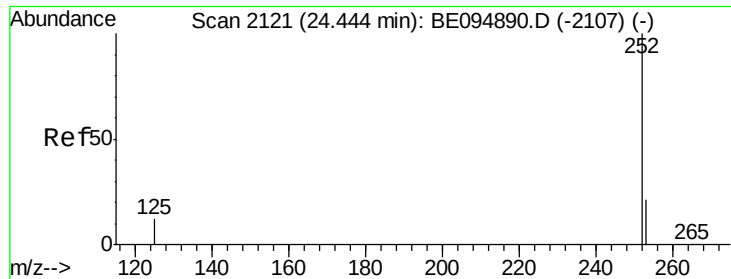
Ion Ratio Lower Upper

252 100

253 23.6 48.0 72.0#

125 14.0 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 24.43 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS

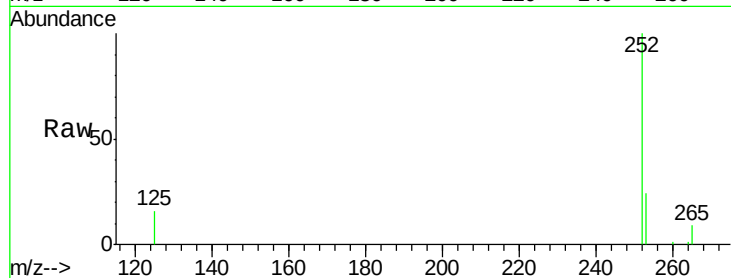
Tot Ion:252 Resp: 26082

Ion Ratio Lower Upper

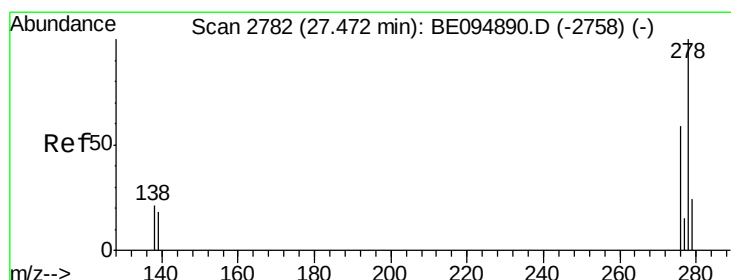
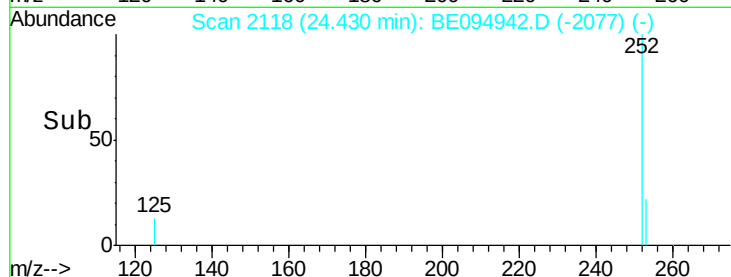
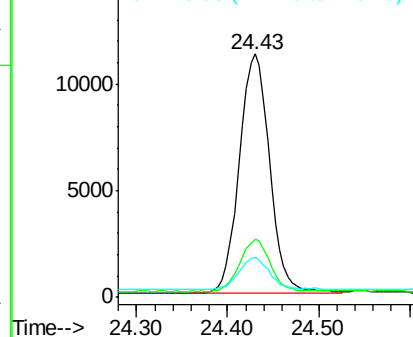
252 100

253 23.7 52.0 78.0#

125 16.3 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: 0.372 ng

RT: 27.44 min Scan# 2776

Delta R.T. -0.03 min

Lab File: BE094942.D

Acq: 6 Dec 2017 7:30

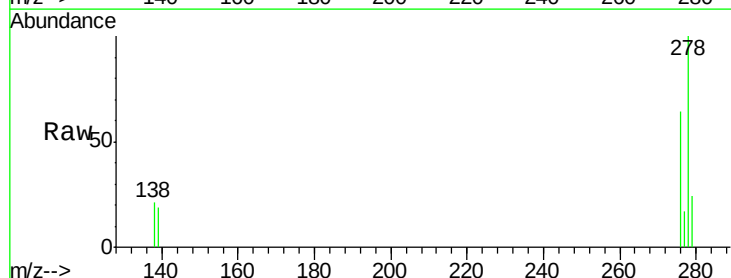
Tgt Ion:278 Resp: 23623

Ion Ratio Lower Upper

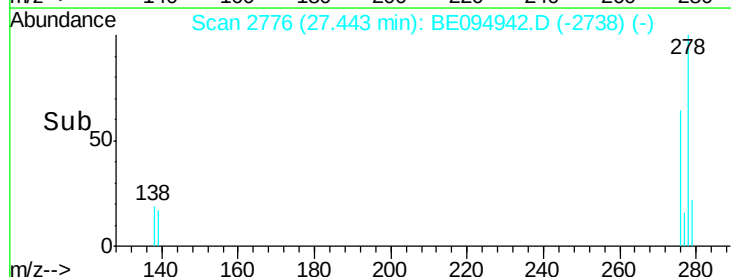
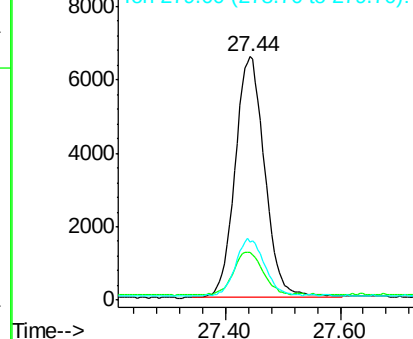
278 100

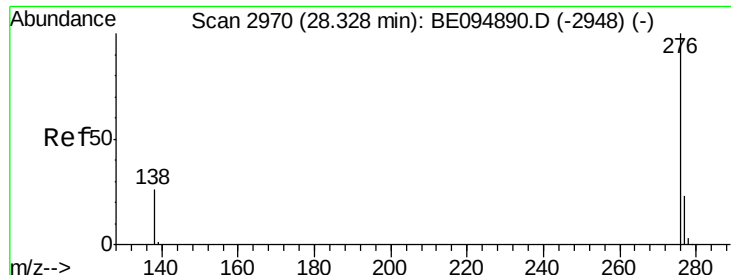
139 19.4 56.0 84.0#

279 23.9 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: 0.385 ng

RT: 28.30 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BE094942.D

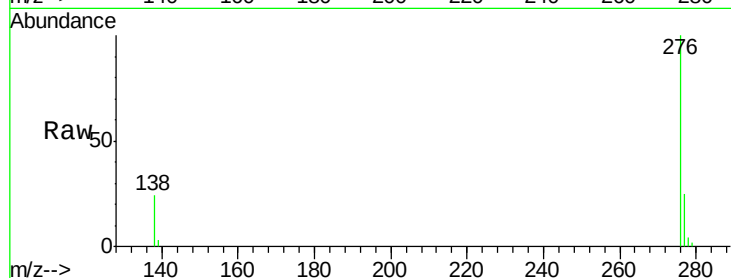
Acq: 6 Dec 2017 7:30

Instrument :

BNA_E

ClientSampleId :

FT-MW01S-20171130MS



Tot Ion: 276 Resp: 24382

Ion Ratio Lower Upper

276 100

277 24.5 52.0 78.0#

138 23.6 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

