

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094938.D
 Acq On : 6 Dec 2017 5:10
 Operator : SJ/JU
 Sample : I6698-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW07S-20171130

Quant Time: Dec 06 06:31:29 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	7732	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	17607	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10091	0.40	ng	-0.02
19) Phenanthrene-d10	17.77	188	24841	0.40	ng	0.00
27) Chrysene-d12	21.87	240	26845	0.40	ng	-0.02
34) Perylene-d12	24.55	264	22165	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	2438	0.20	ng	0.00
5) Phenol-d6	7.59	99	2325	0.13	ng	0.00
8) Nitrobenzene-d5	9.67	82	5774	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	11773	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1390	0.61	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	19388	0.45	ng	0.00
25) Fluoranthene-d10	19.75	212	138510	0.41	ng	0.00
29) Terphenyl-d14	20.31	244	36047	0.73	ng	-0.02

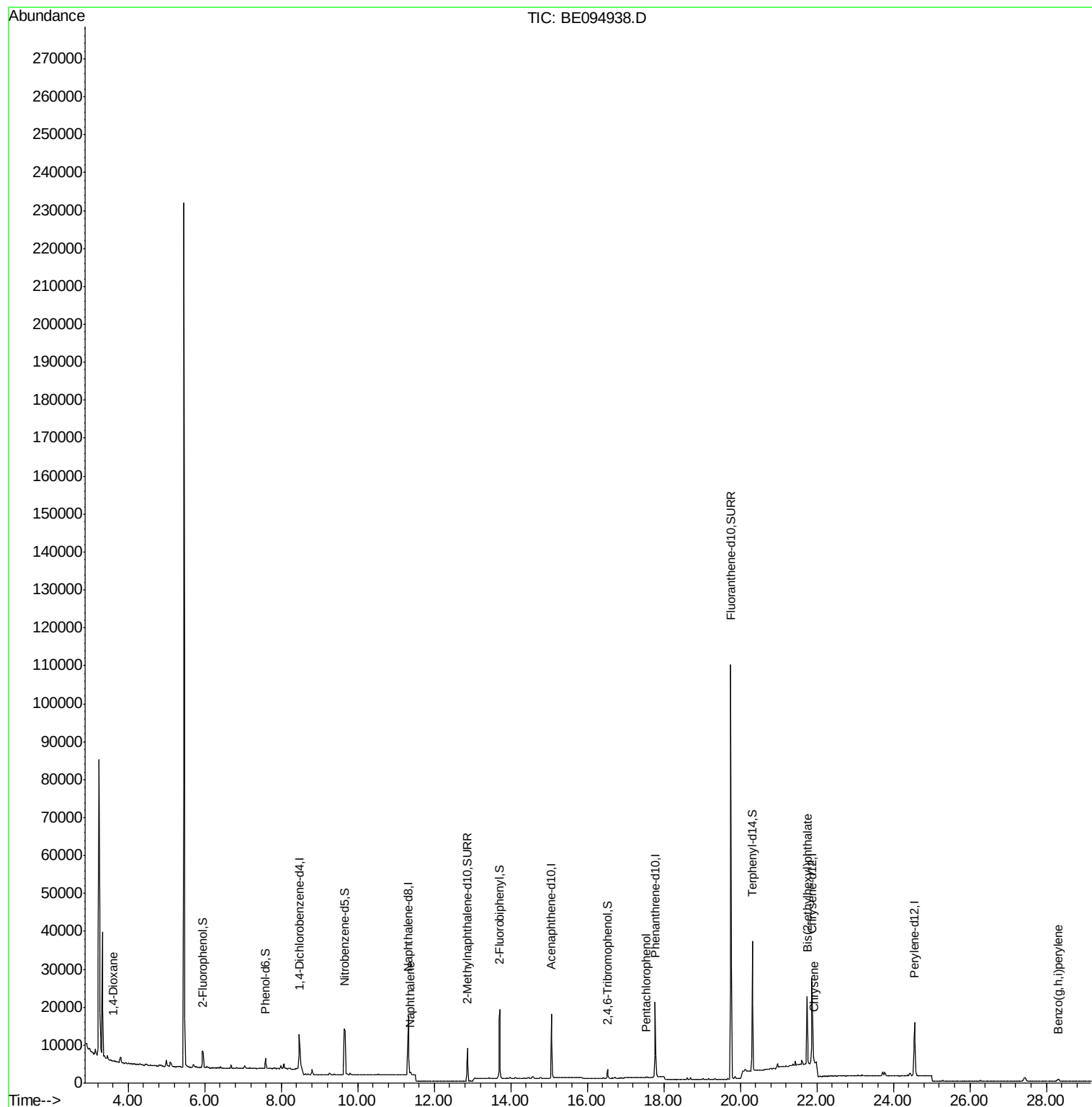
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	171	0.021	ng	# 36
9) Naphthalene	11.38	128	4196	0.020	ng	# 78
22) Pentachlorophenol	17.55	266	9	0.135	ng	# 88
31) Chrysene	21.92	228	2078	0.023	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.74	149	22981	0.168	ng	# 98
39) Benzo(g,h,i)perylene	28.30	276	1399	0.021	ng	# 71

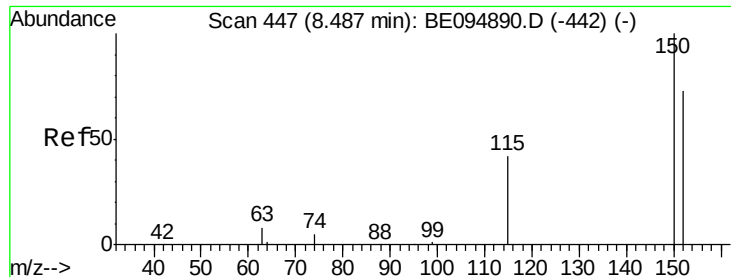
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

Instrument :

BNA_E

ClientSampleId :

FT-MW07S-20171130

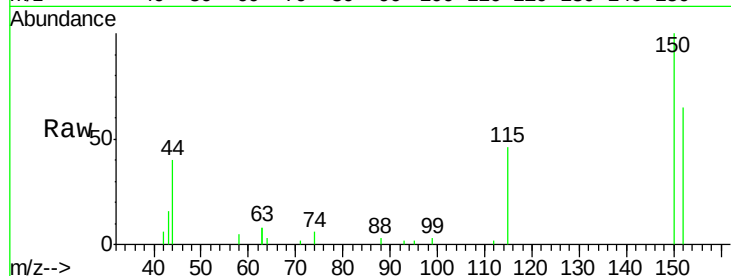
Tot Ion:152 Resp: 7732

Ion Ratio Lower Upper

152 100

150 154.0 117.2 175.8

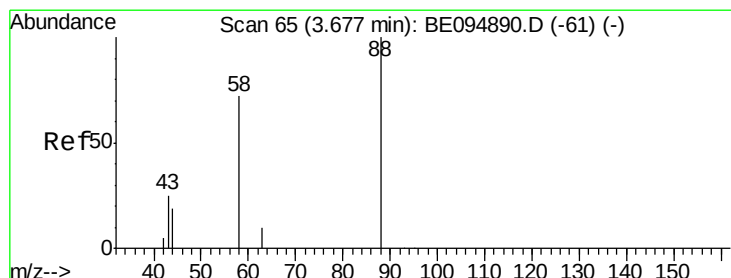
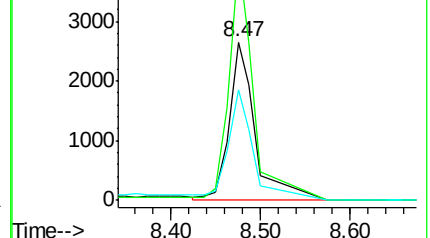
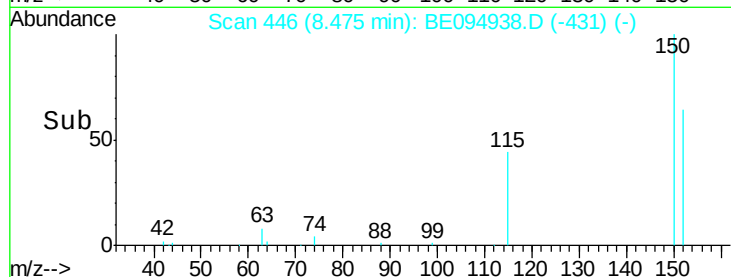
115 70.1 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.021 ng

RT: 3.60 min Scan# 59

Delta R.T. -0.07 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

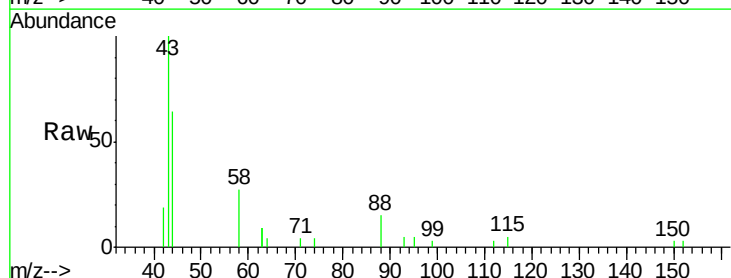
Tgt Ion: 88 Resp: 171

Ion Ratio Lower Upper

88 100

58 28.7 63.2 94.8#

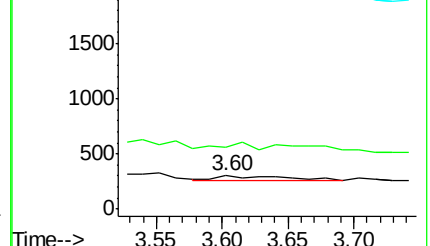
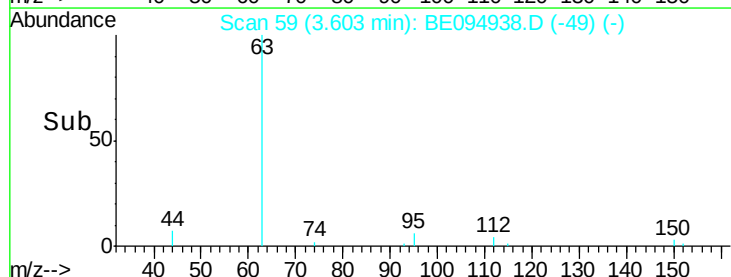
43 0.0 41.2 61.8#

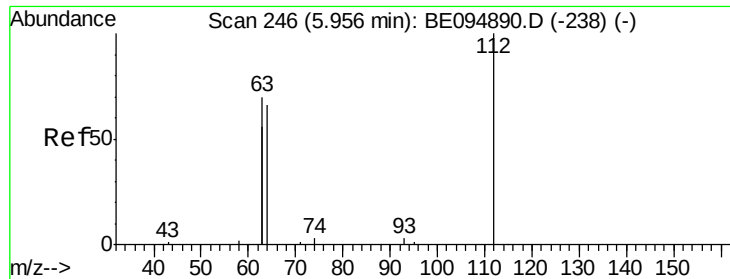


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.199 ng

RT: 5.96 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

Instrument :

BNA_E

ClientSampleId :

FT-MW07S-20171130

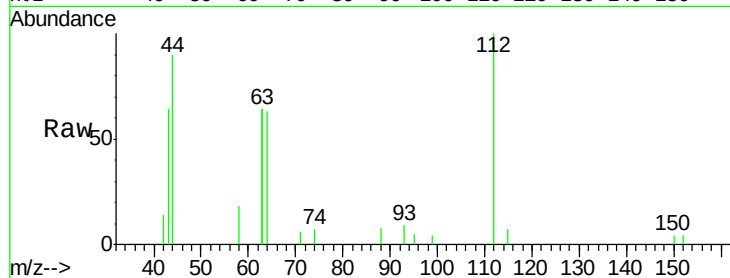
Tot Ion: 112 Resp: 2438

Ion Ratio Lower Upper

112 100

64 82.1 60.1 90.1

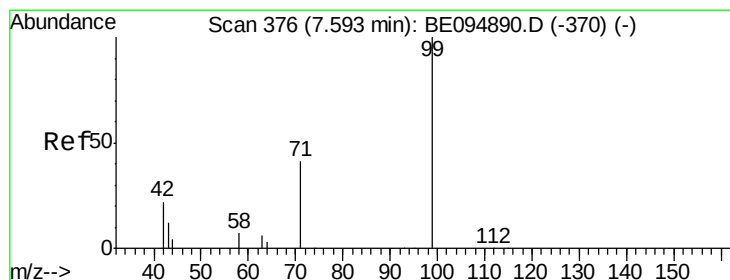
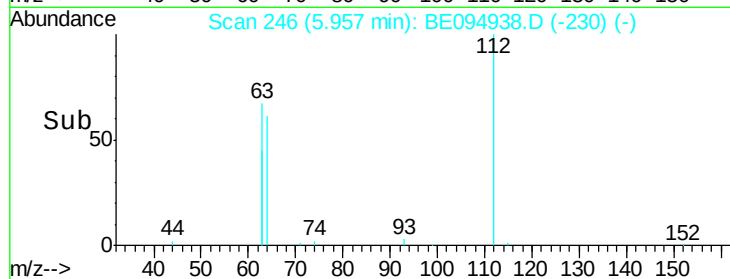
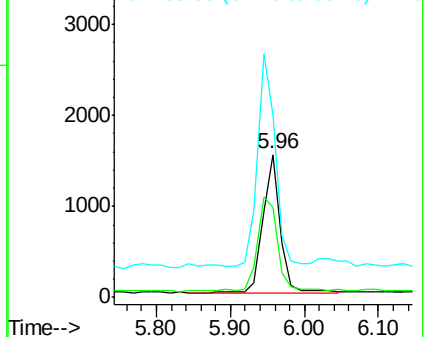
63 158.1 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.128 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

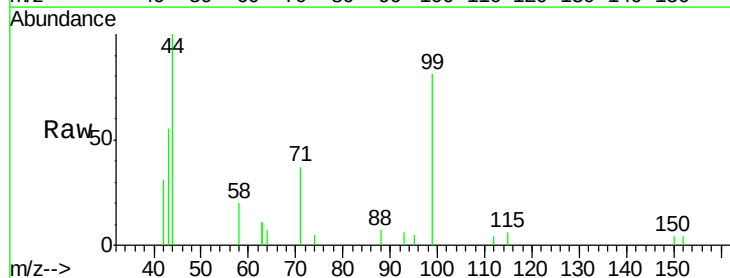
Tgt Ion: 99 Resp: 2325

Ion Ratio Lower Upper

99 100

42 26.0 20.2 30.2

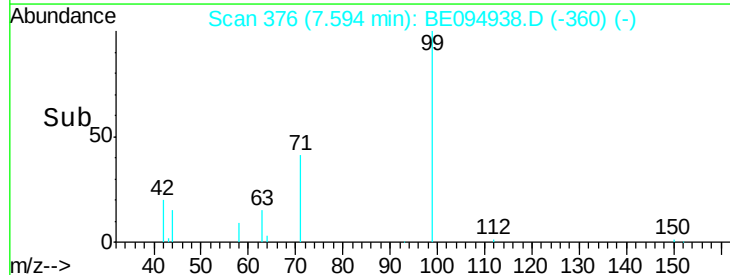
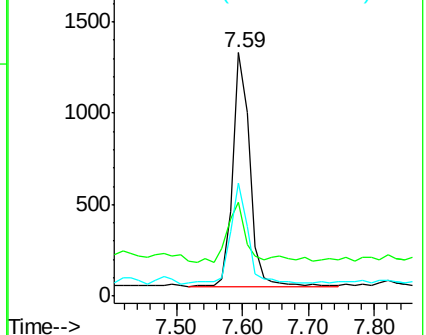
71 41.9 28.4 42.6

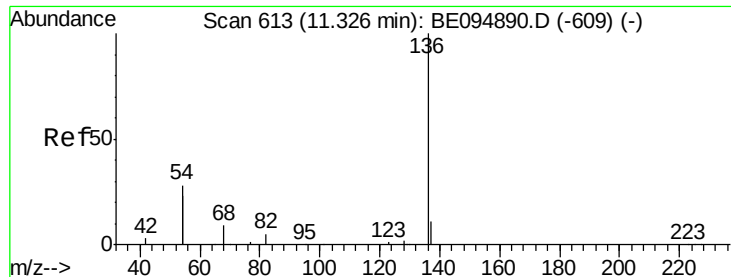


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

Instrument :

BNA_E

ClientSampleId :

FT-MW07S-20171130

Tot Ion:136 Resp: 17607

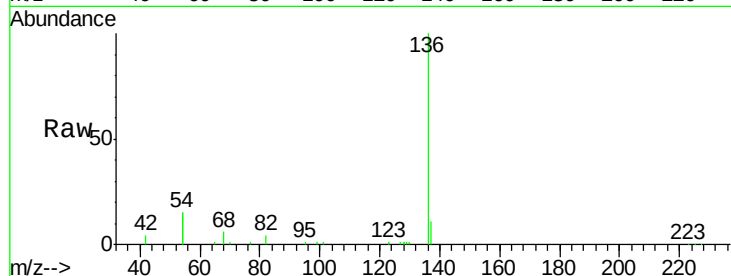
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 30.1 29.1 43.7

68 6.5 6.2 9.2

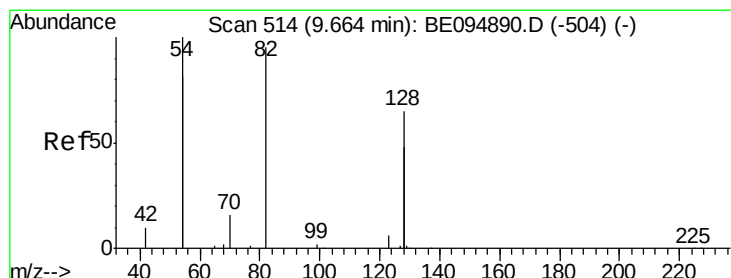
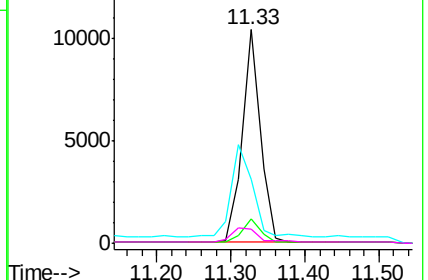
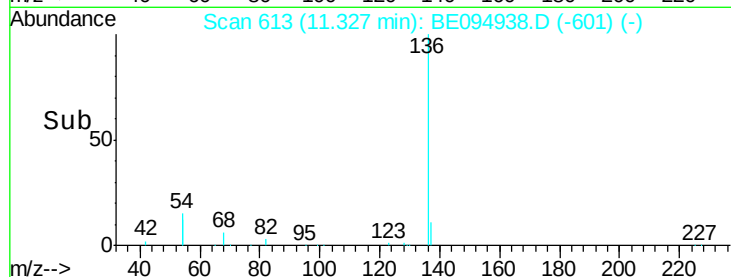


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.554 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

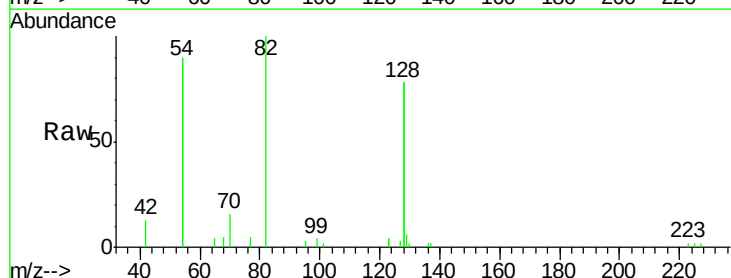
Tgt Ion: 82 Resp: 5774

Ion Ratio Lower Upper

82 100

128 156.8 150.0 225.0

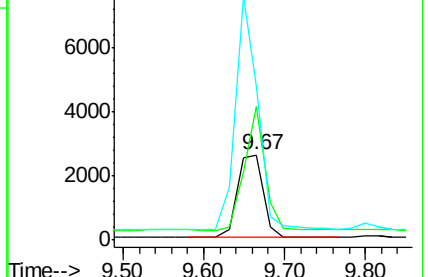
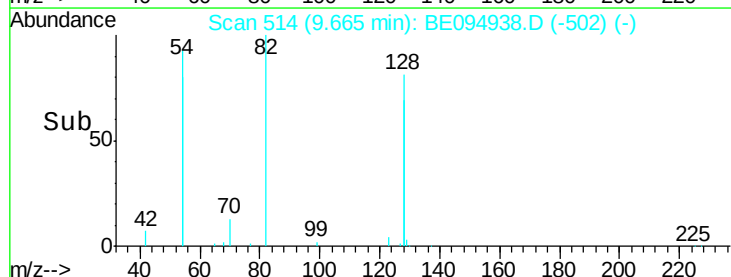
54 180.1 154.2 231.4

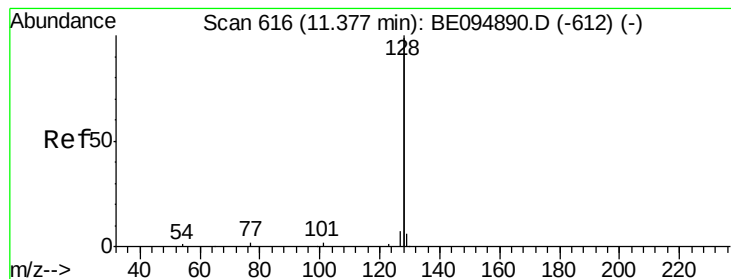


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.020 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

Instrument :

BNA_E

ClientSampleId :

FT-MW07S-20171130

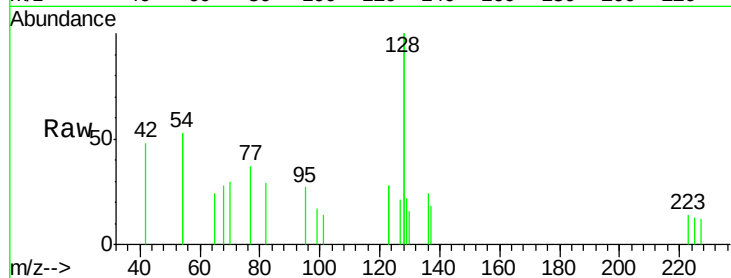
Tot Ion:128 Resp: 4196

Ion Ratio Lower Upper

128 100

129 10.8 2.6 3.8#

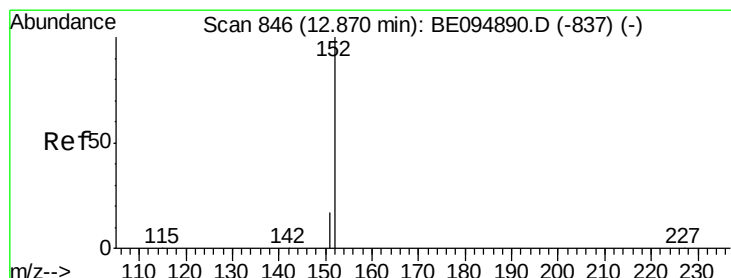
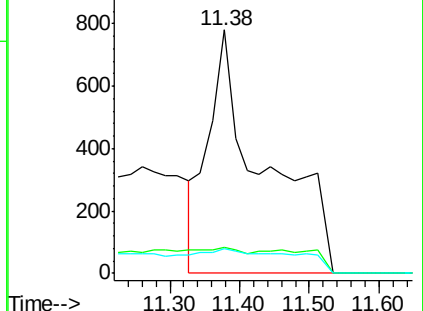
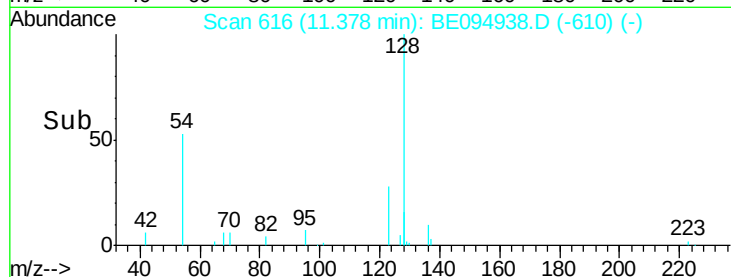
127 10.3 2.8 4.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094938.D

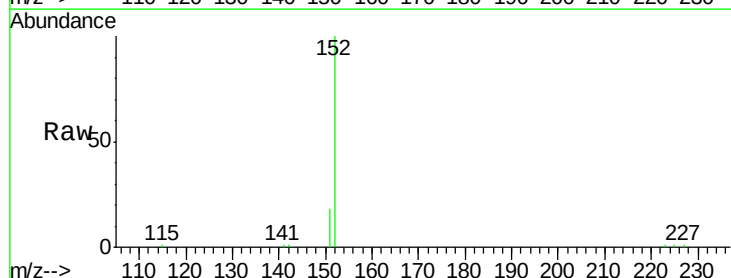
Acq: 6 Dec 2017 5:10

Tgt Ion:152 Resp: 11773

Ion Ratio Lower Upper

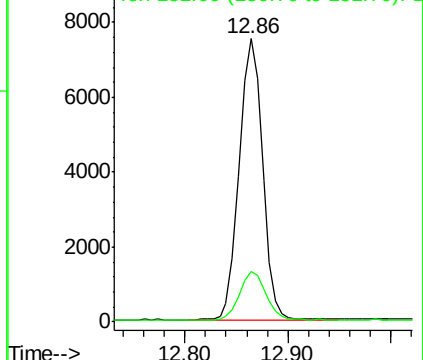
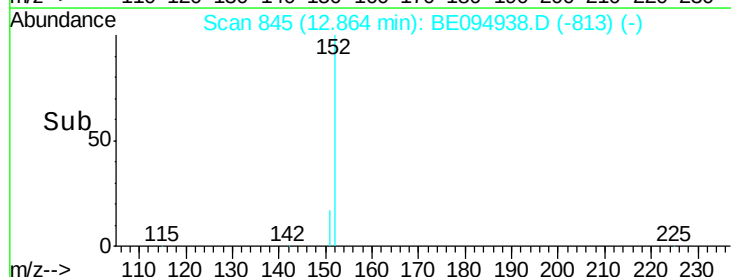
152 100

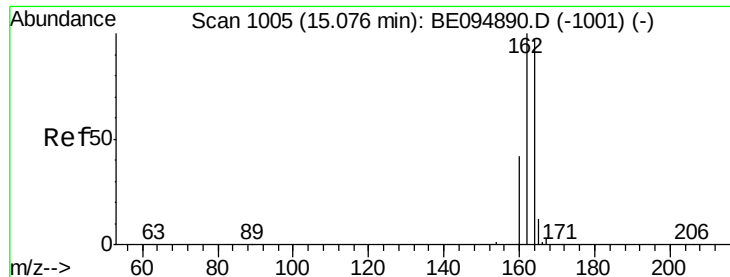
151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

Instrument :

BNA_E

ClientSampleId :

FT-MW07S-20171130

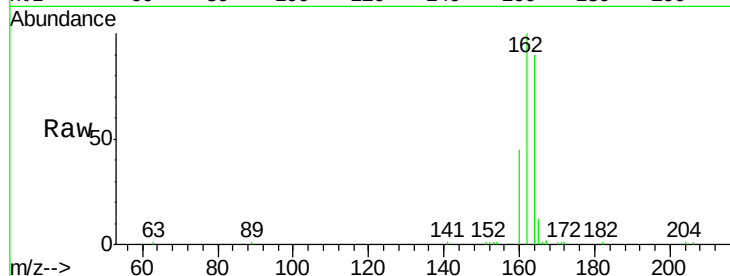
Tot Ion:164 Resp: 10091

Ion Ratio Lower Upper

164 100

162 111.2 83.1 124.7

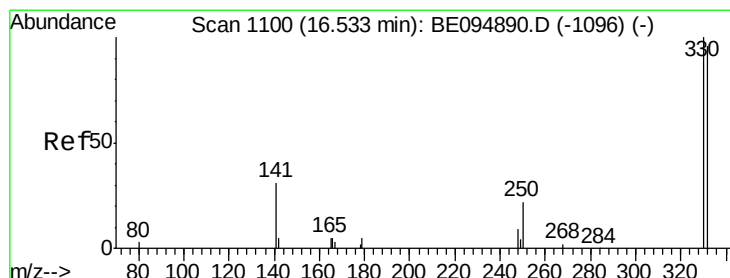
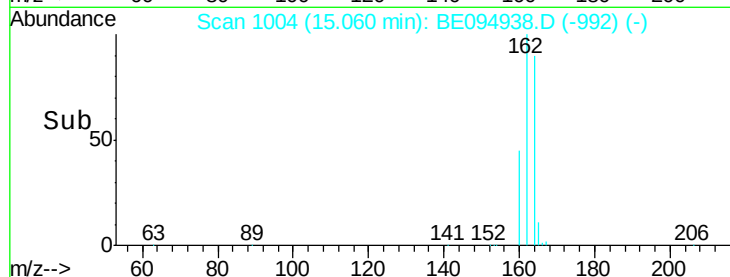
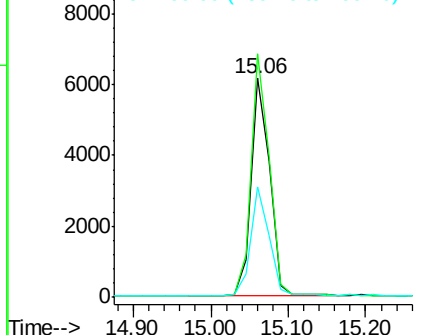
160 50.4 37.1 55.7



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: 0.610 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

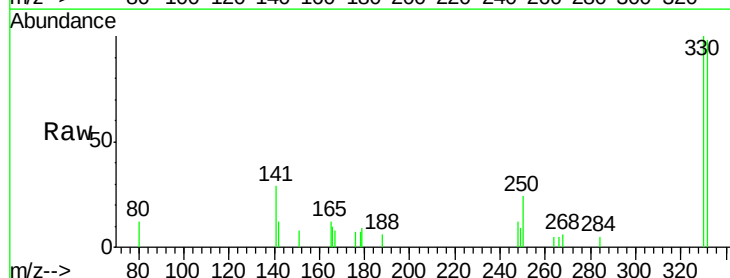
Tgt Ion:330 Resp: 1390

Ion Ratio Lower Upper

330 100

332 97.9 152.7 229.1#

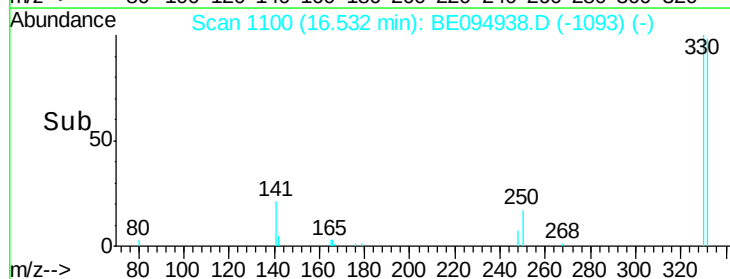
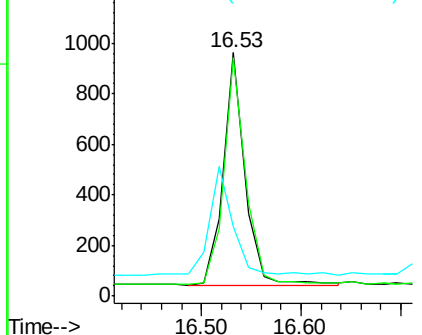
141 49.0 33.7 50.5

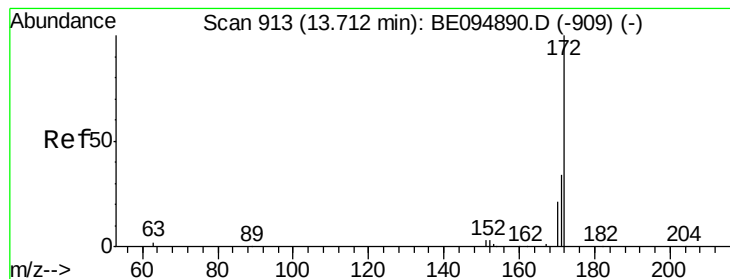


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

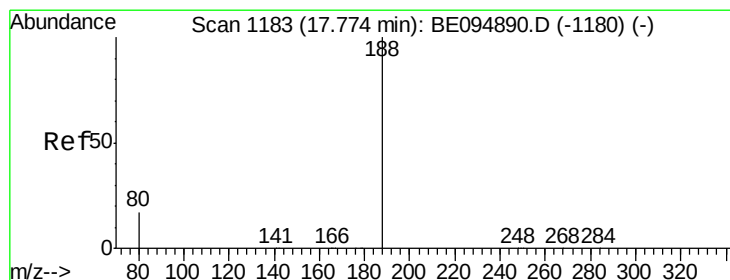
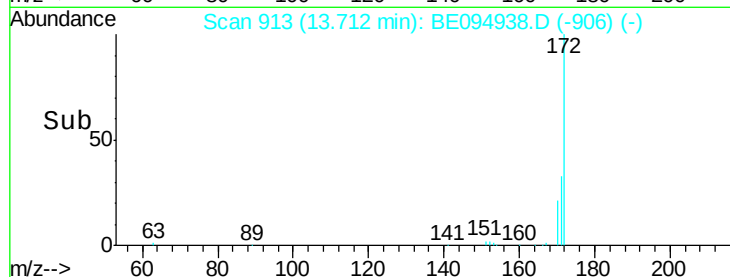
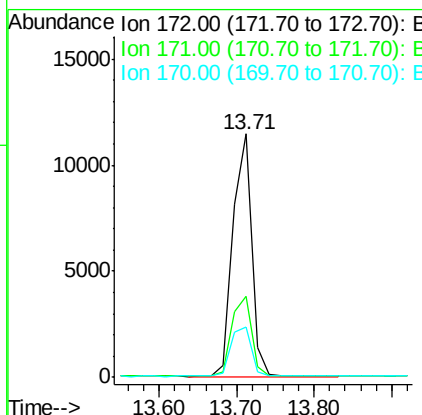
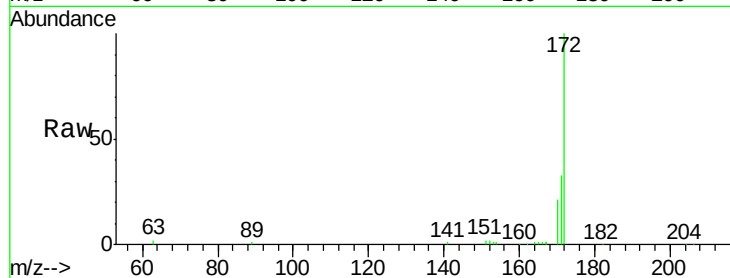




#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094938.D
Acq: 6 Dec 2017 5:10

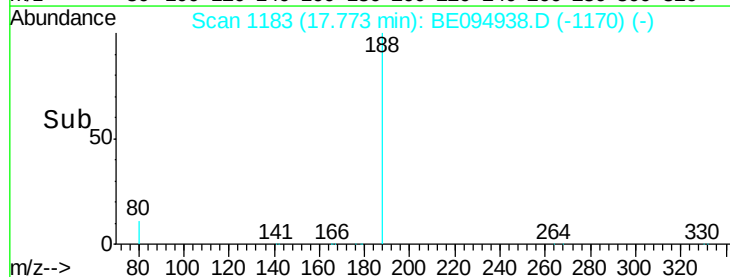
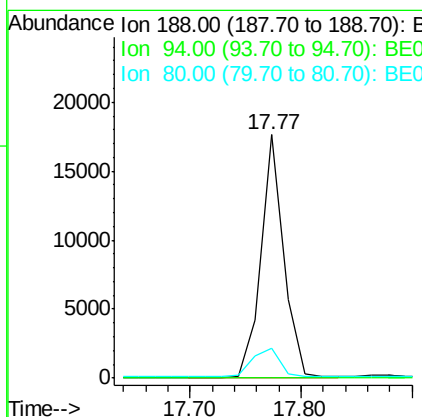
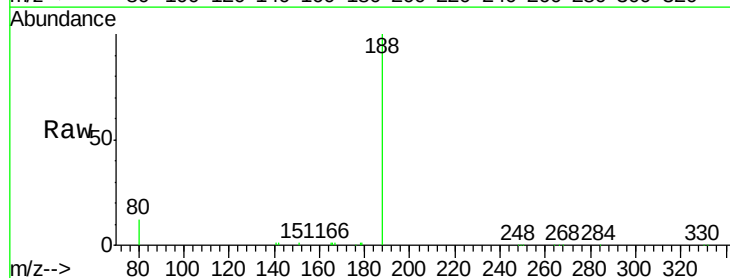
Instrument :
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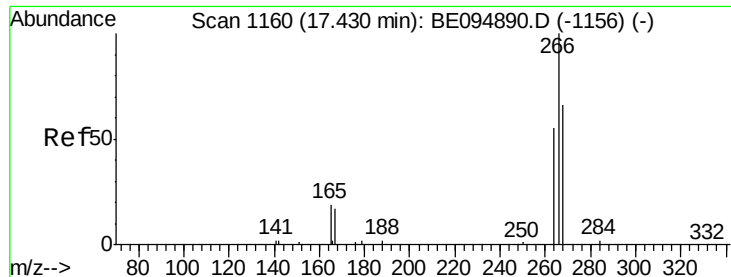
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.9	44.9
170	20.8	21.8	32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094938.D
Acq: 6 Dec 2017 5:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9
80	12.0	3.6	5.4





#22

Pentachlorophenol

Concen: 0.135 ng

RT: 17.55 min Scan# 1168

Delta R.T. 0.12 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

Instrument :

BNA_E

ClientSampleId :

FT-MW07S-20171130

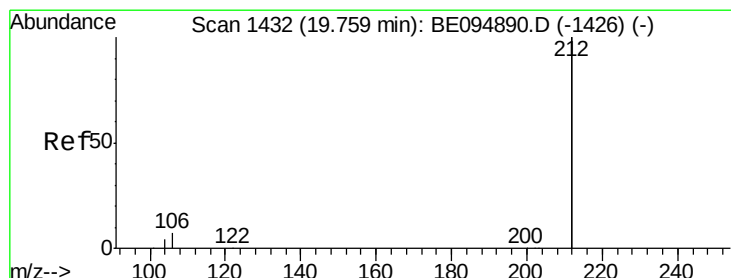
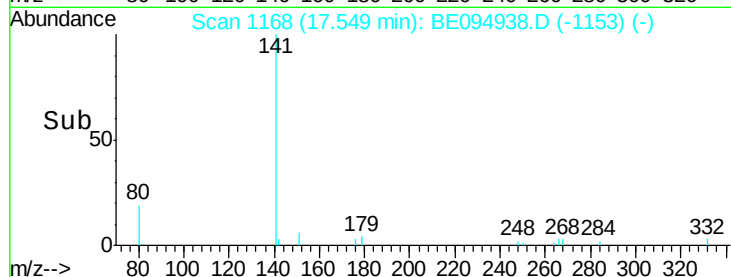
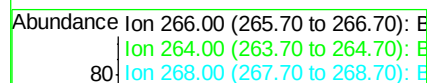
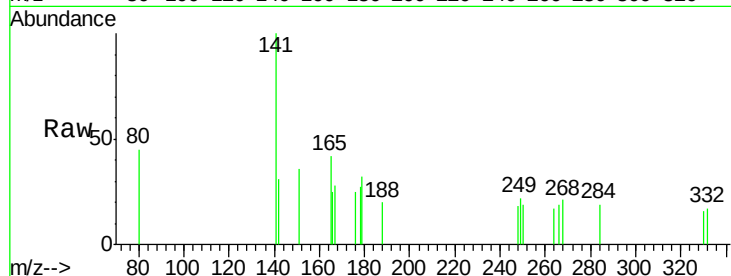
Tot Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 84.7 72.5 108.7

268 108.5 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

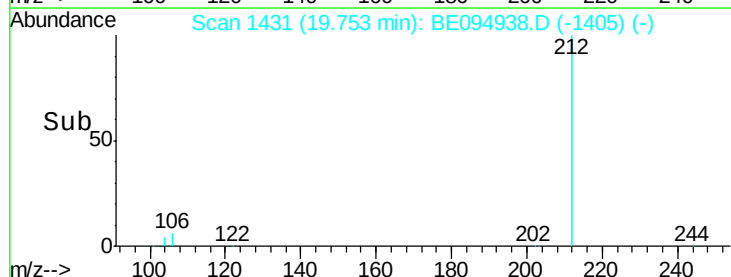
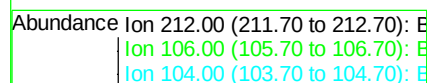
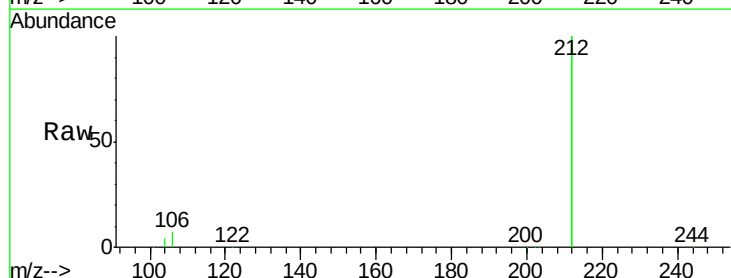
Tgt Ion:212 Resp: 138510

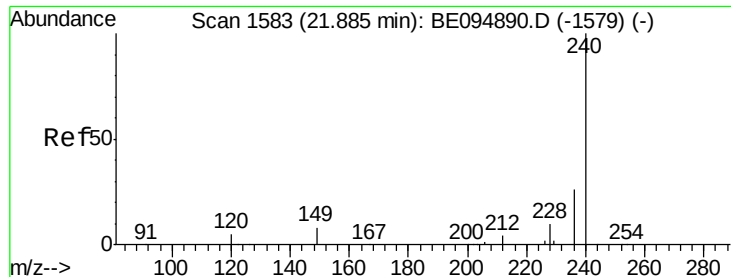
Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

104 2.0 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

Instrument :

BNA_E

ClientSampleId :

FT-MW07S-20171130

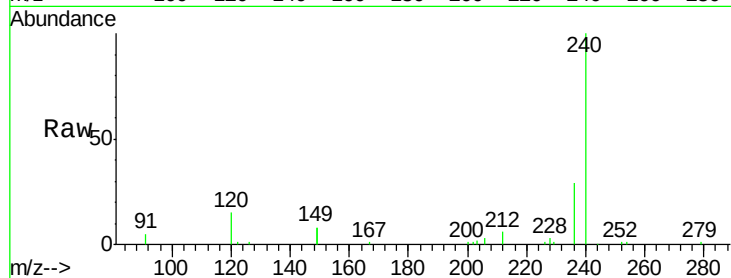
Tot Ion:240 Resp: 26845

Ion Ratio Lower Upper

240 100

120 15.3 5.5 8.3#

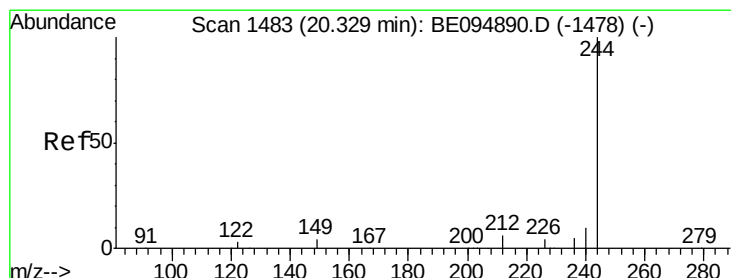
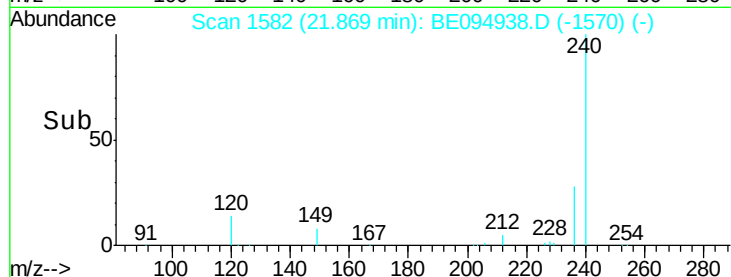
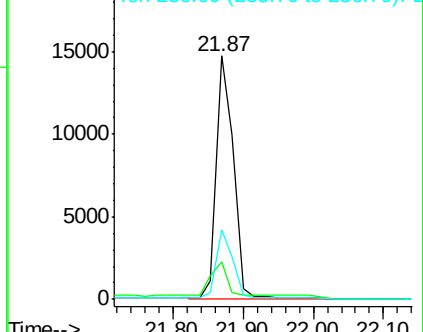
236 28.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.727 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

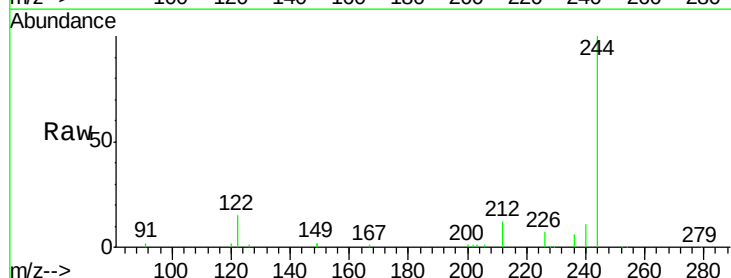
Tgt Ion:244 Resp: 36047

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

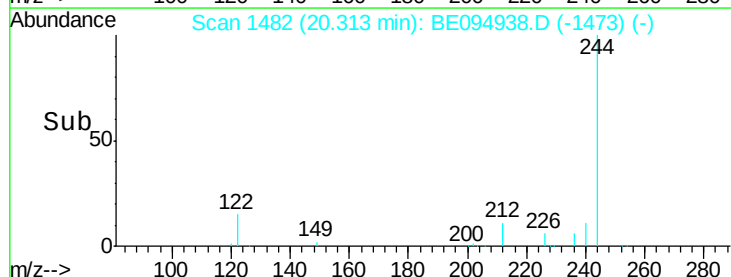
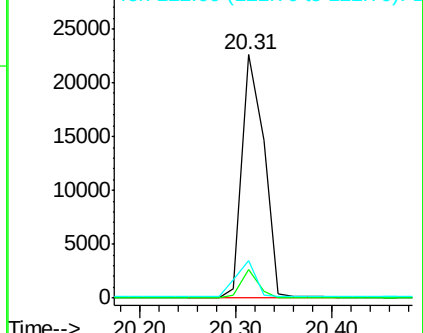
122 15.4 8.1 12.1#

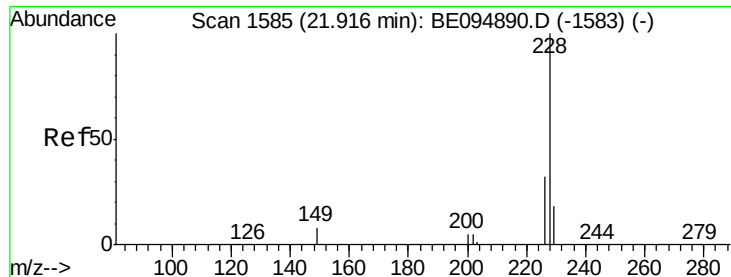


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

Chrysene

Concen: 0.023 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

Instrument :

BNA_E

ClientSampleId :

FT-MW07S-20171130

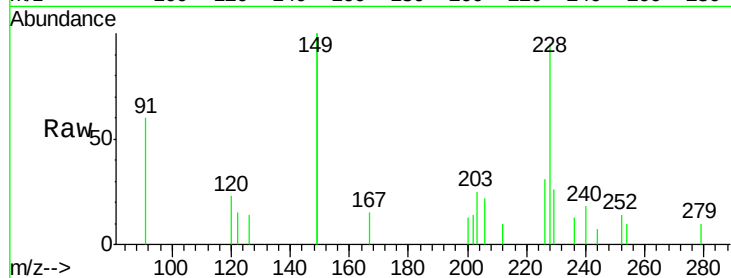
Tot Ion:228 Resp: 2078

Ion Ratio Lower Upper

228 100

226 33.0 40.0 60.0#

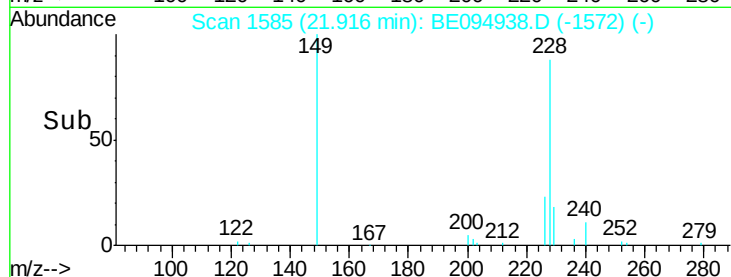
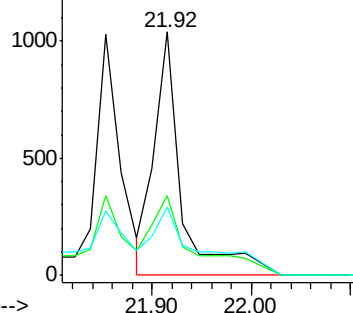
229 27.8 40.0 60.0#



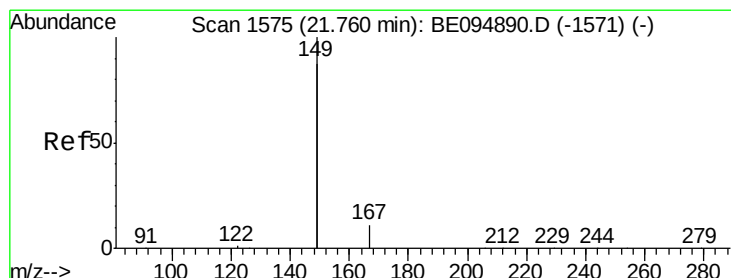
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.168 ng

RT: 21.74 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094938.D

Acq: 6 Dec 2017 5:10

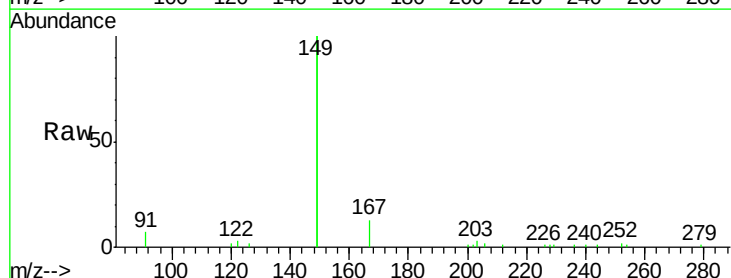
Tgt Ion:149 Resp: 22981

Ion Ratio Lower Upper

149 100

167 5.8 5.4 8.0

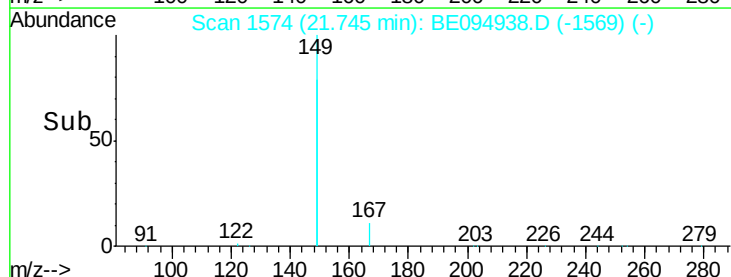
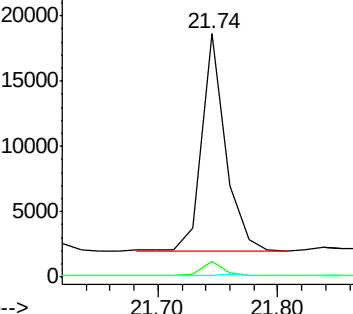
279 0.7 0.7 1.1#



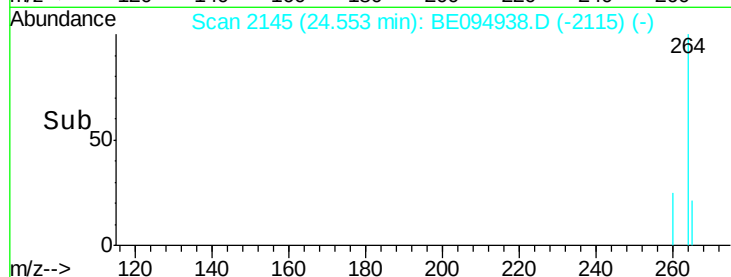
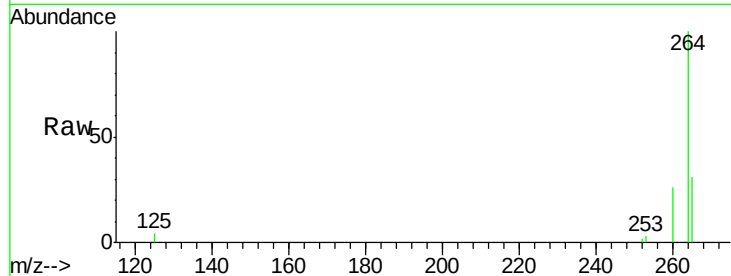
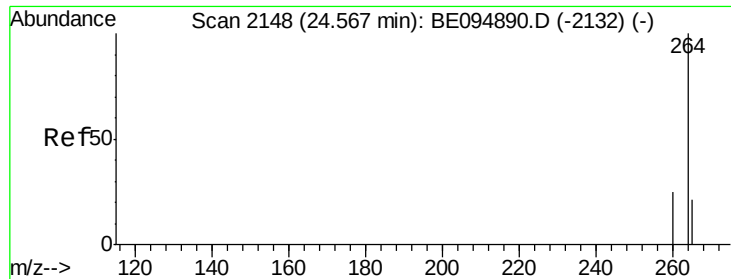
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

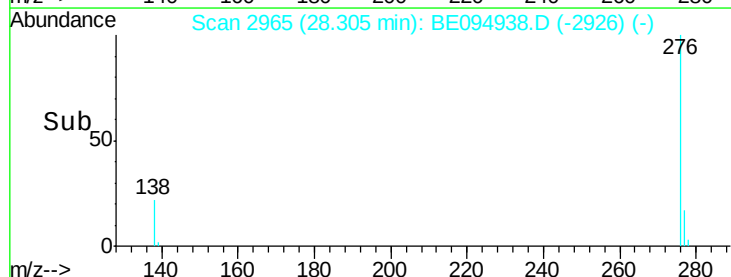
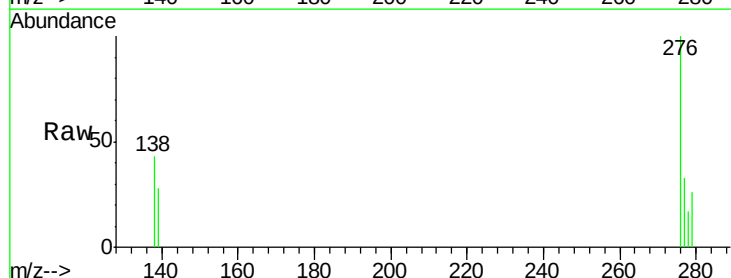
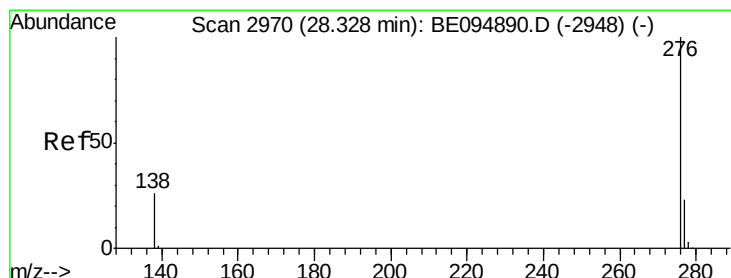
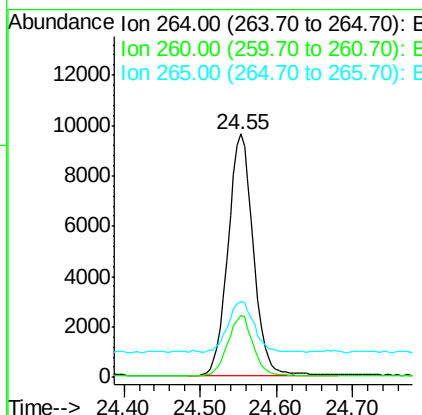


#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BE094938.D
Acq: 6 Dec 2017 5:10

Instrument :
BNA_E
ClientSampleId :
FT-MW07S-20171130

Tot Ion:264 Resp: 22165

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	31.1	22.8	34.2



#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 28.30 min Scan# 2965
Delta R.T. -0.02 min
Lab File: BE094938.D
Acq: 6 Dec 2017 5:10

Tgt Ion:276 Resp: 1399

Ion	Ratio	Lower	Upper
276	100		
277	33.5	52.0	78.0#
138	42.8	44.0	66.0#

