

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\
 Data File : BE094991.D
 Acq On : 14 Dec 2017 23:44
 Operator : SJ/JU
 Sample : I6797-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

Quant Time: Dec 15 08:31:46 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

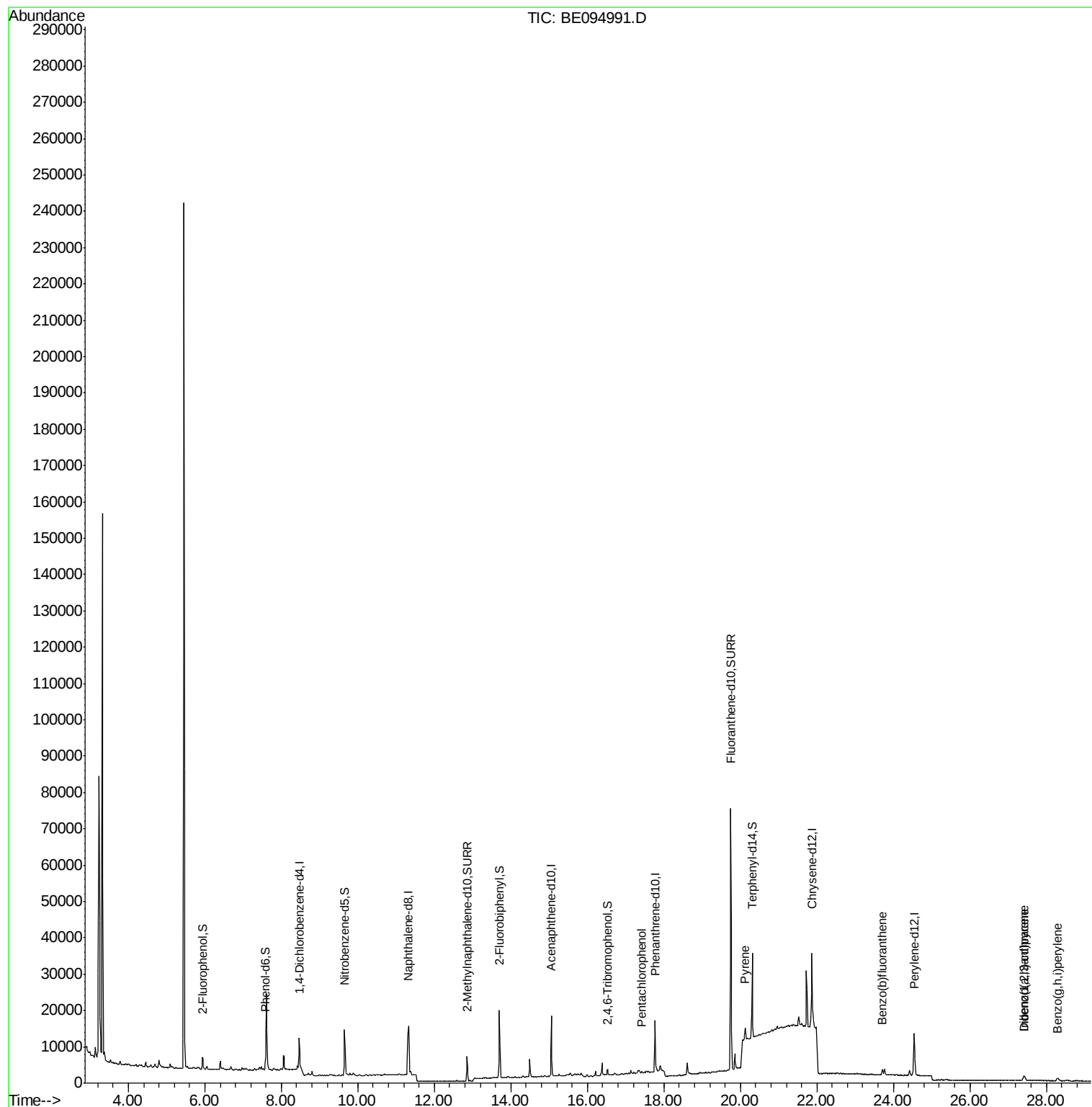
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	7486	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	16916	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9216	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	20611	0.40	ng	0.00
27) Chrysene-d12	21.87	240	25246	0.40	ng	0.00
34) Perylene-d12	24.54	264	19227	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1783	0.15	ng	0.00
5) Phenol-d6	7.59	99	1678	0.10	ng	0.00
8) Nitrobenzene-d5	9.65	82	5355	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	8943	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1056	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	16487	0.40	ng	0.00
25) Fluoranthene-d10	19.75	212	95243	0.36	ng	0.00
29) Terphenyl-d14	20.31	244	21794	0.46	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	17.41	266	149	0.128	ng	93
28) Pyrene	20.13	202	3799	0.044	ng	97
33) Indeno(1,2,3-cd)pyrene	27.40	276	2142	0.032	ng	95
35) Benzo(b)fluoranthene	23.71	252	2507	0.036	ng	# 58
38) Dibenzo(a,h)anthracene	27.43	278	1652	0.028	ng	# 50
39) Benzo(g,h,i)perylene	28.29	276	1878	0.032	ng	# 61

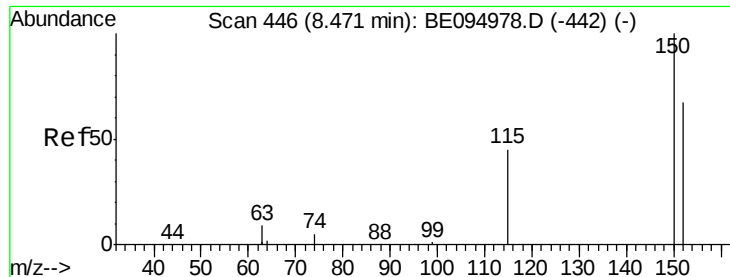
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. 0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

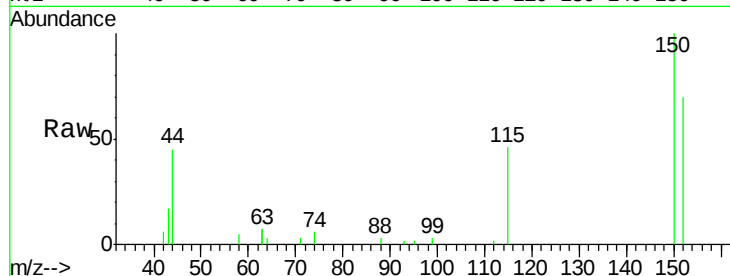
Tot Ion:152 Resp: 7486

Ion Ratio Lower Upper

152 100

150 143.7 117.2 175.8

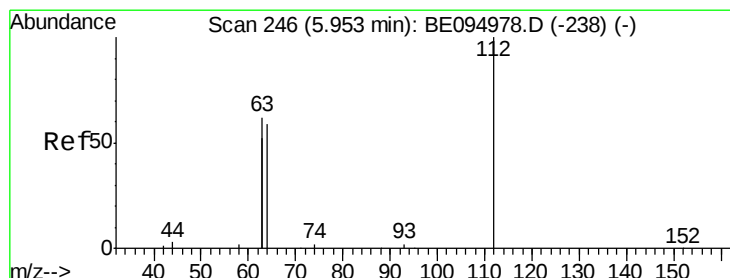
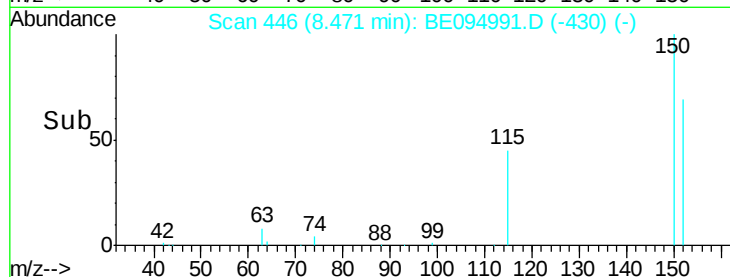
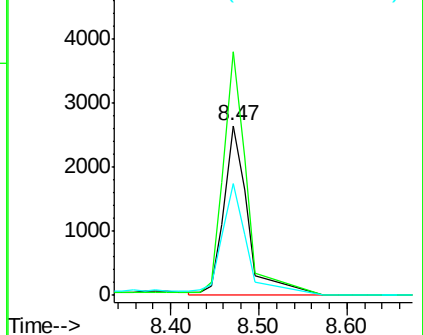
115 66.1 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.95 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

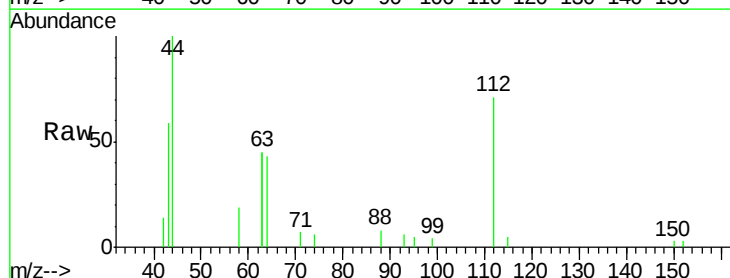
Tgt Ion:112 Resp: 1783

Ion Ratio Lower Upper

112 100

64 74.4 60.1 90.1

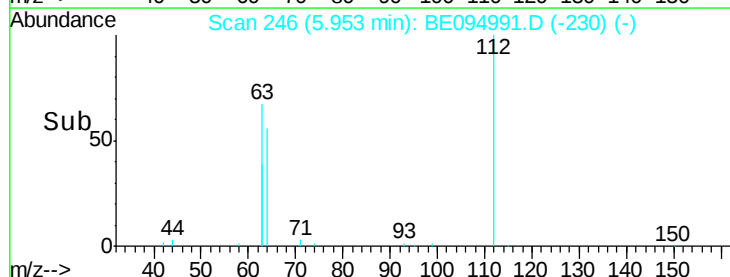
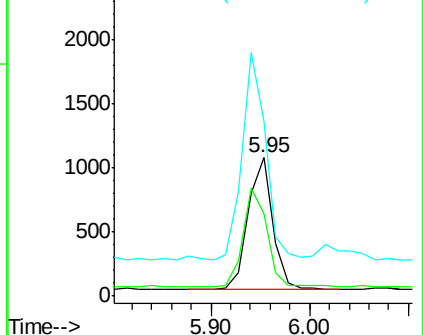
63 150.4 116.8 175.2

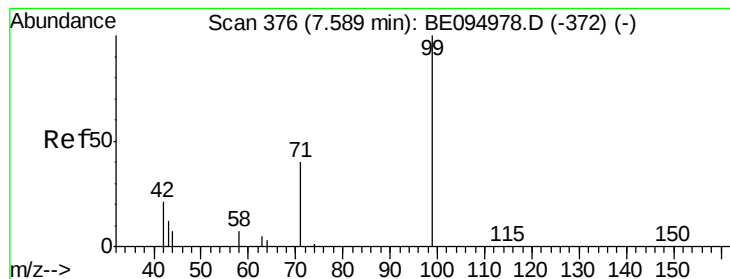


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.097 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

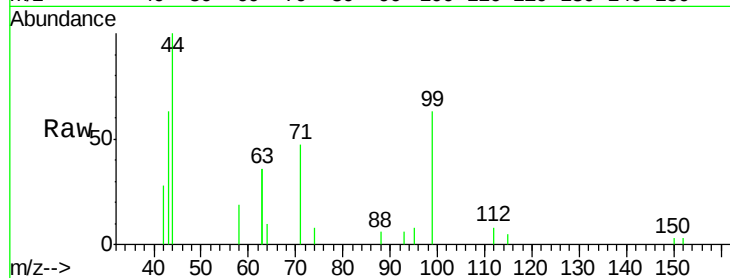
Tot Ion: 99 Resp: 1678

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

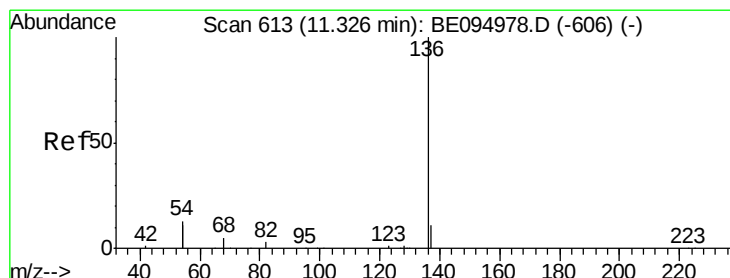
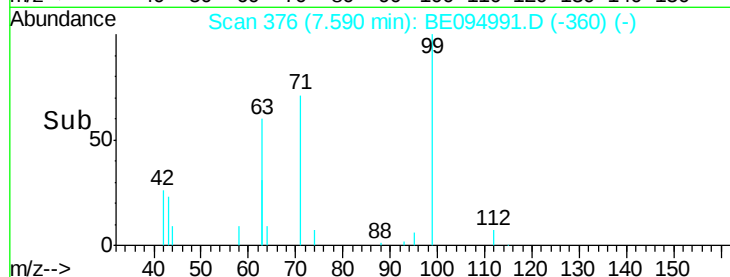
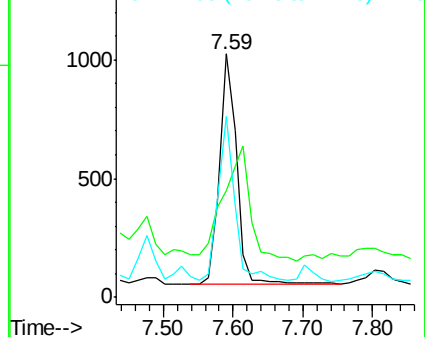
71 68.4 28.4 42.6#



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: BE094991.D

Acq: 14 Dec 2017 23:44

Tgt Ion: 136 Resp: 16916

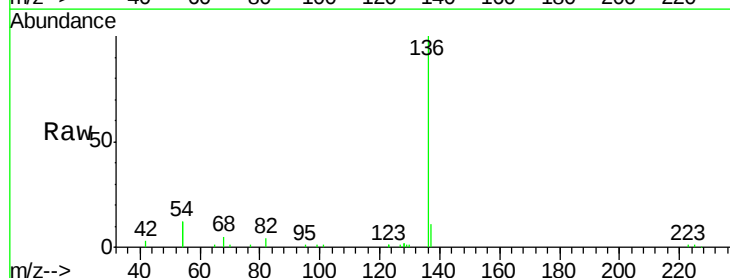
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 23.7 29.1 43.7#

68 5.2 6.2 9.2#

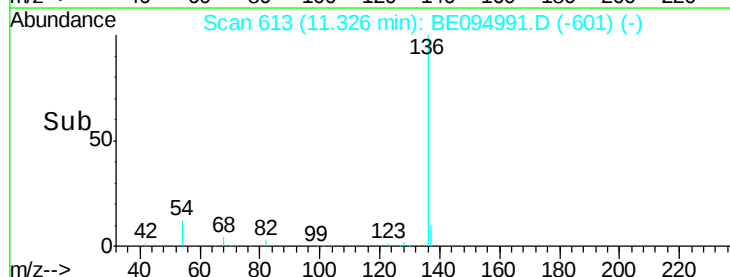
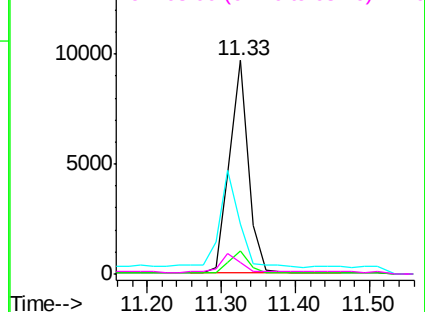


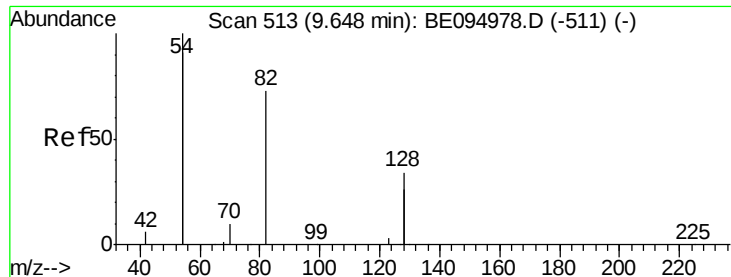
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.386 ng

RT: 9.65 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

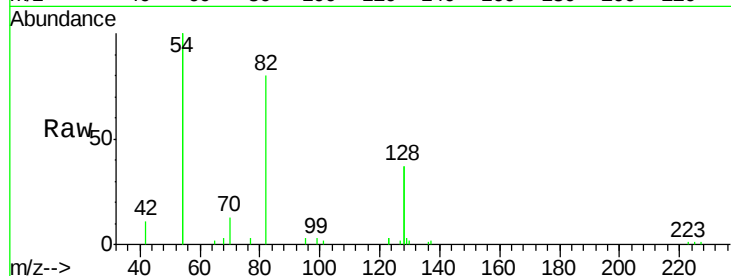
Tot Ion: 82 Resp: 5355

Ion Ratio Lower Upper

82 100

128 92.9 150.0 225.0#

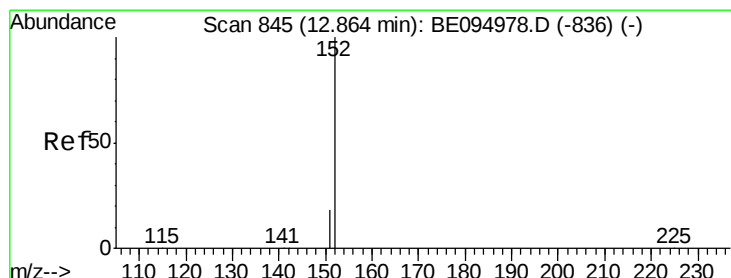
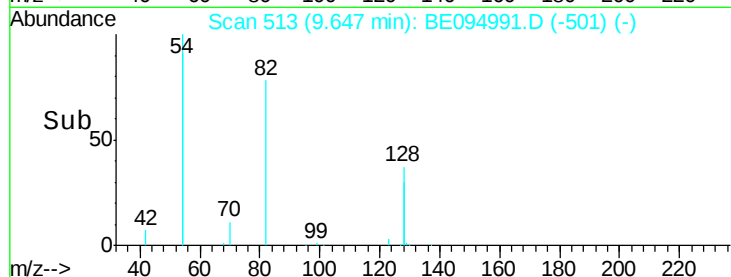
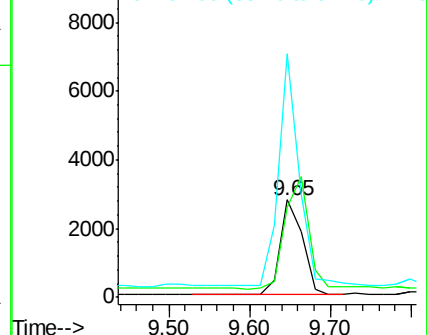
54 250.4 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094991.D (-501) (-)

Ion 128.00 (127.70 to 128.70): BE094991.D (-501) (-)

Ion 54.00 (53.70 to 54.70): BE094991.D (-501) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.323 ng

RT: 12.86 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE094991.D

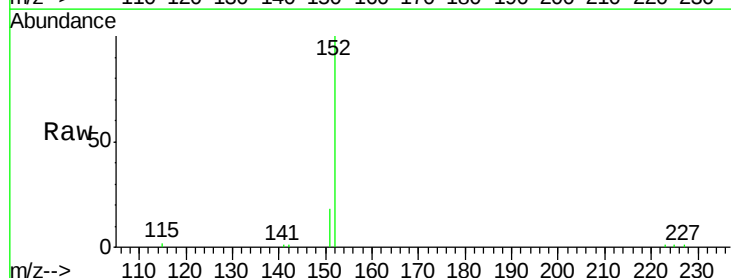
Acq: 14 Dec 2017 23:44

Tgt Ion: 152 Resp: 8943

Ion Ratio Lower Upper

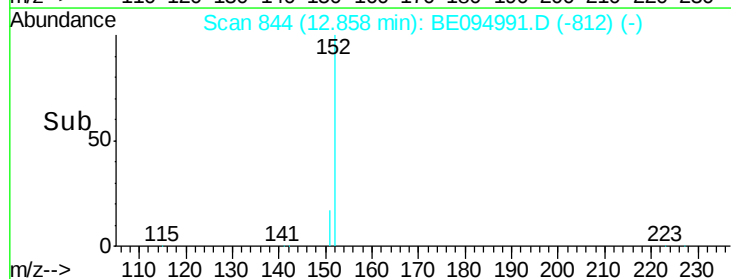
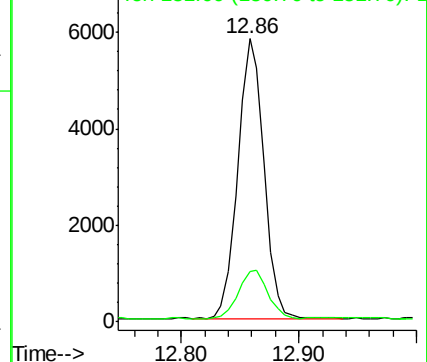
152 100

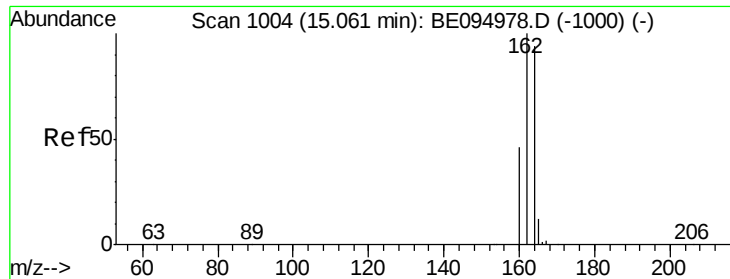
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094991.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE094991.D (-812) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

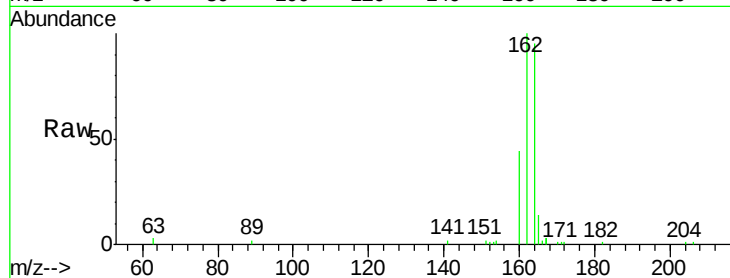
Tot Ion:164 Resp: 9216

Ion Ratio Lower Upper

164 100

162 105.7 83.1 124.7

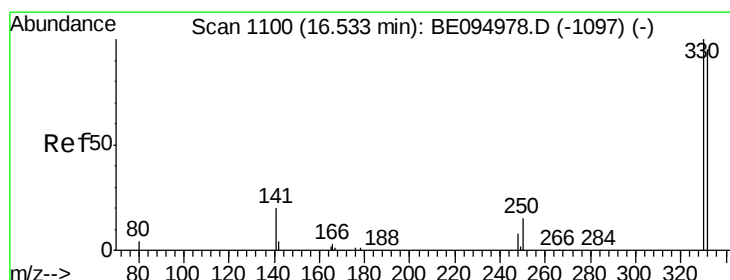
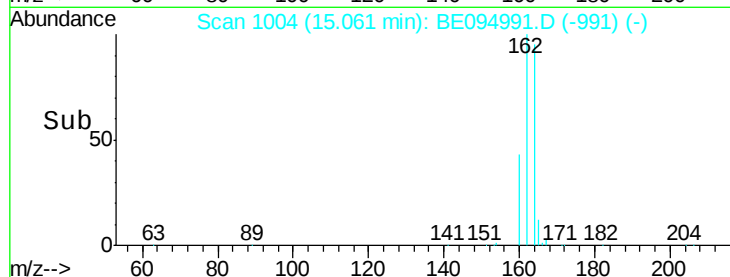
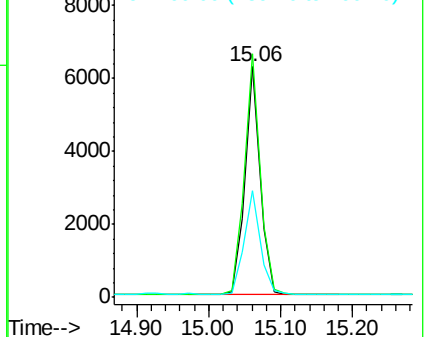
160 46.5 37.1 55.7



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: 0.493 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

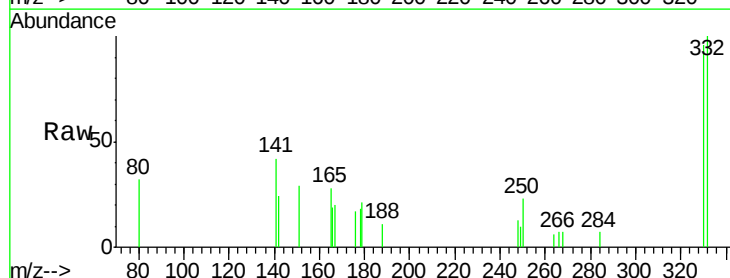
Tgt Ion:330 Resp: 1056

Ion Ratio Lower Upper

330 100

332 100.3 152.7 229.1#

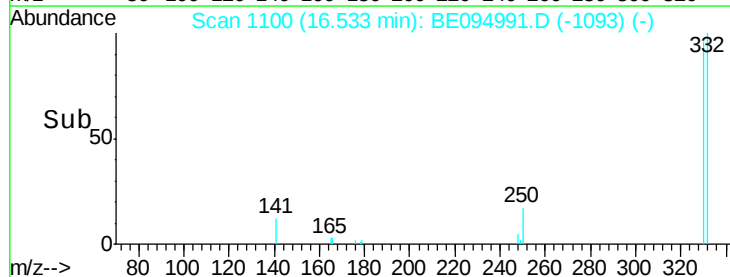
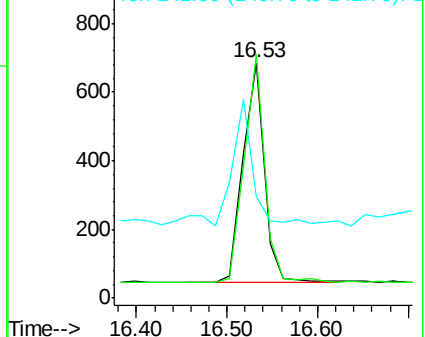
141 47.0 33.7 50.5

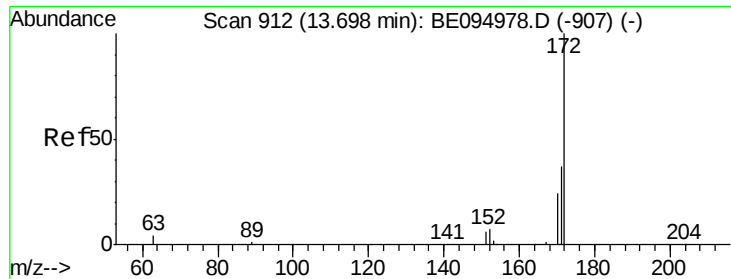


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

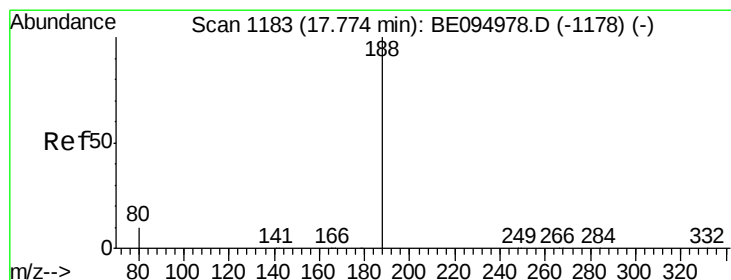
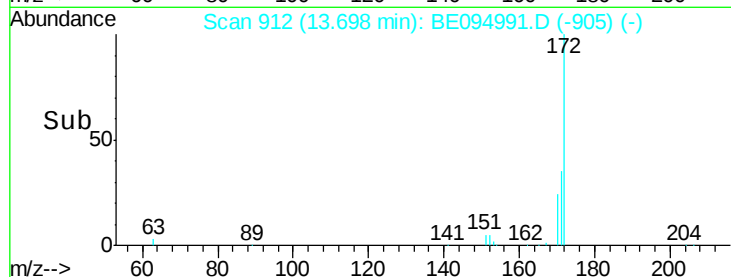
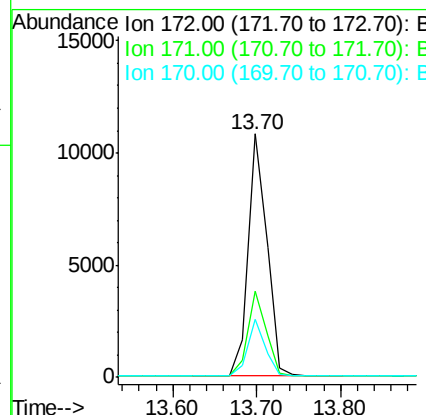
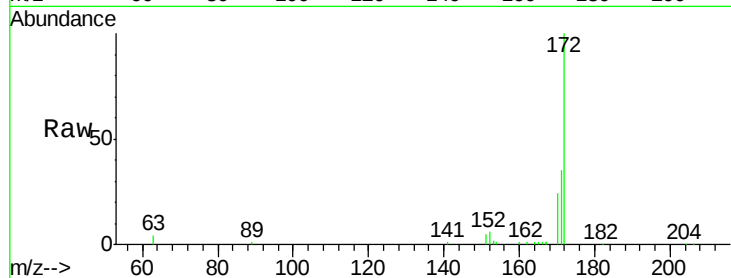




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094991.D
Acq: 14 Dec 2017 23:44

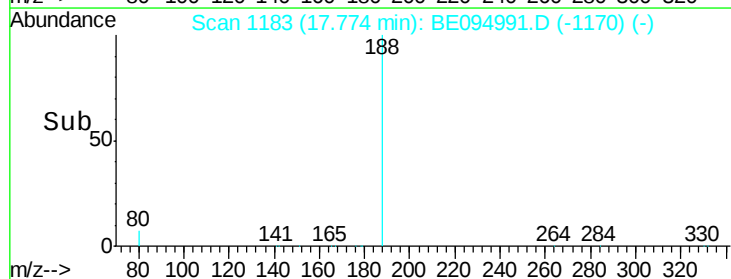
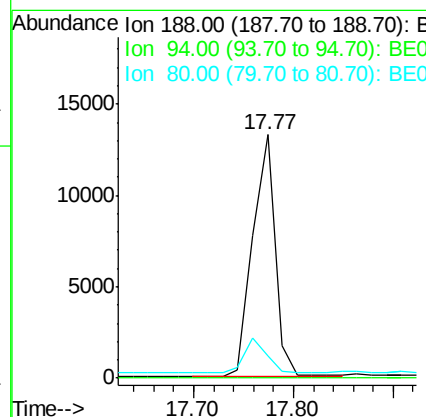
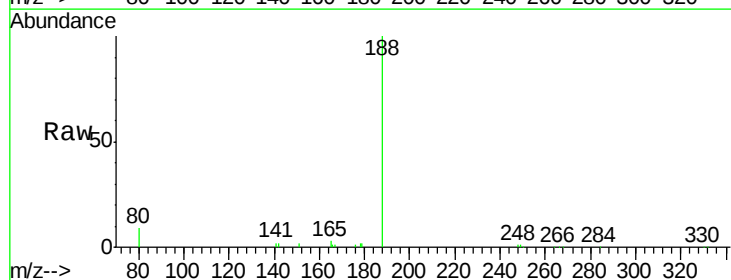
Instrument :
BNA_E
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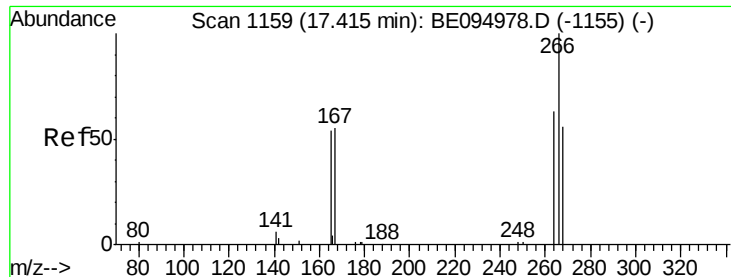
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	24.0	21.8	32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094991.D
Acq: 14 Dec 2017 23:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.1	3.6	5.4#

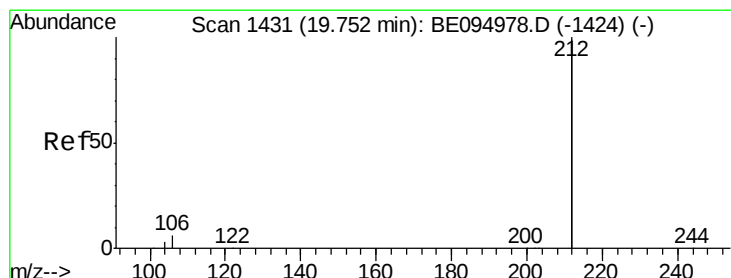
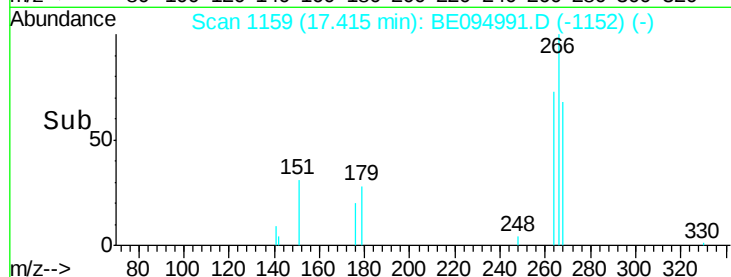
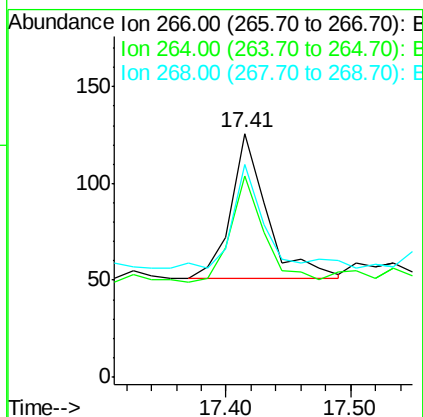
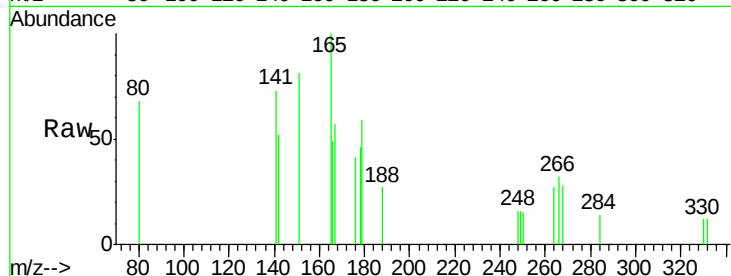




#22
 Pentachlorophenol
 Concen: 0.128 ng
 RT: 17.41 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BE094991.D
 Acq: 14 Dec 2017 23:44

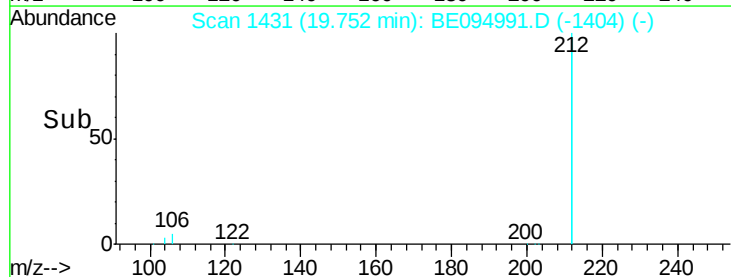
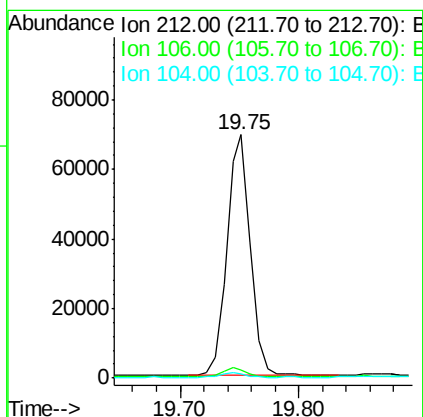
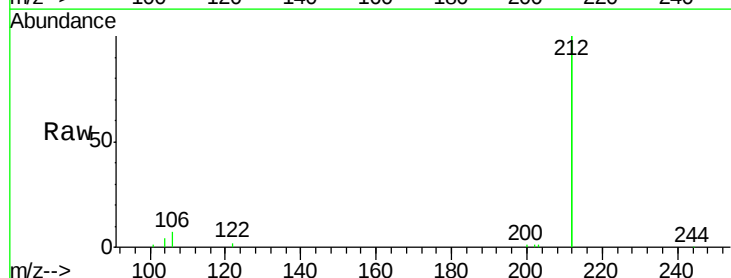
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

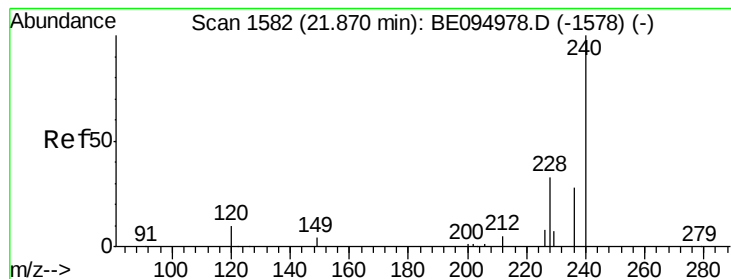
Tot Ion:266 Resp: 149
 Ion Ratio Lower Upper
 266 100
 264 82.5 72.5 108.7
 268 87.3 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.356 ng
 RT: 19.75 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BE094991.D
 Acq: 14 Dec 2017 23:44

Tgt Ion:212 Resp: 95243
 Ion Ratio Lower Upper
 212 100
 106 3.5 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. -0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

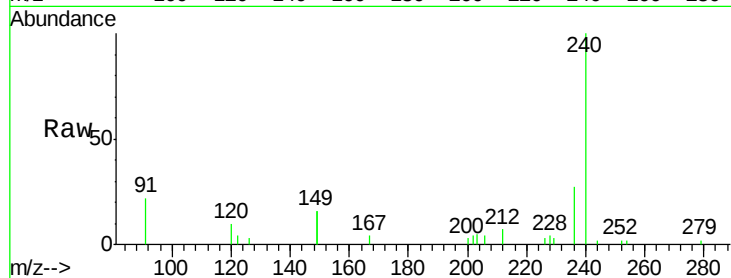
Tot Ion:240 Resp: 25246

Ion Ratio Lower Upper

240 100

120 10.0 5.5 8.3#

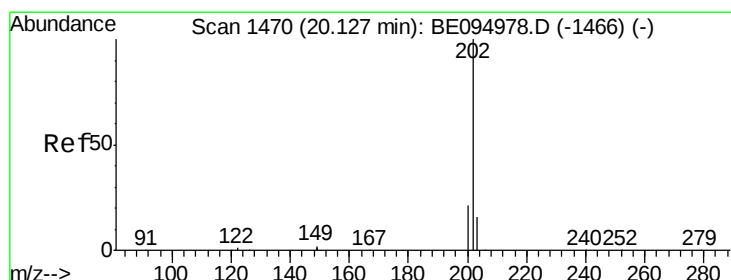
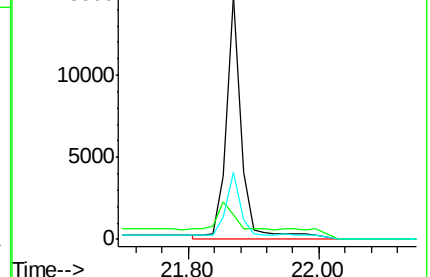
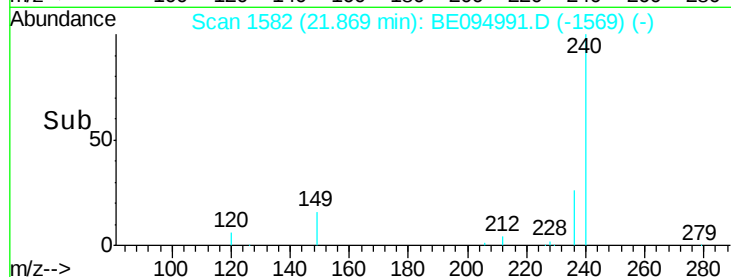
236 27.4 20.7 31.1



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



#28

Pyrene

Concen: 0.044 ng

RT: 20.13 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

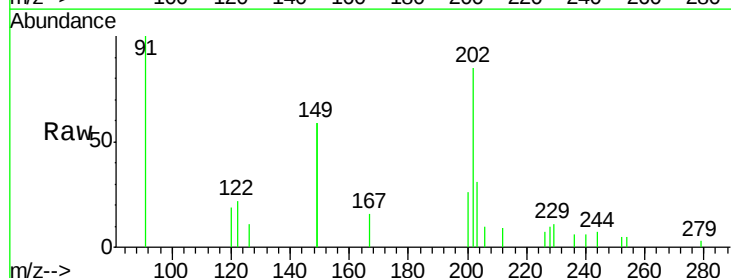
Tgt Ion:202 Resp: 3799

Ion Ratio Lower Upper

202 100

200 19.0 16.6 25.0

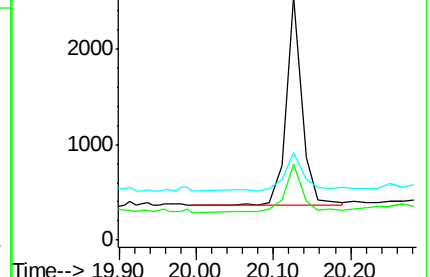
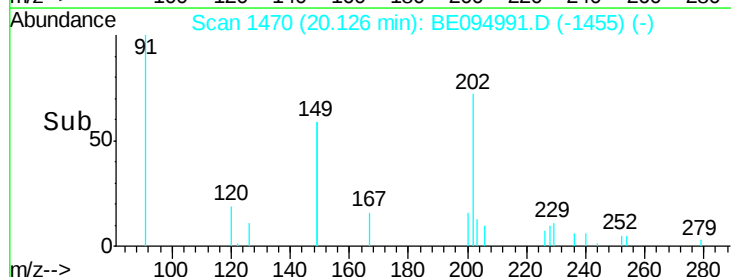
203 18.1 13.8 20.8

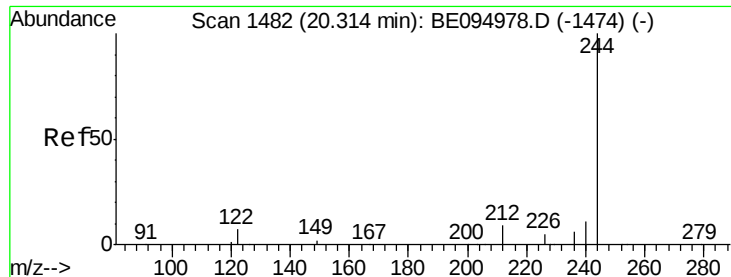


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.459 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

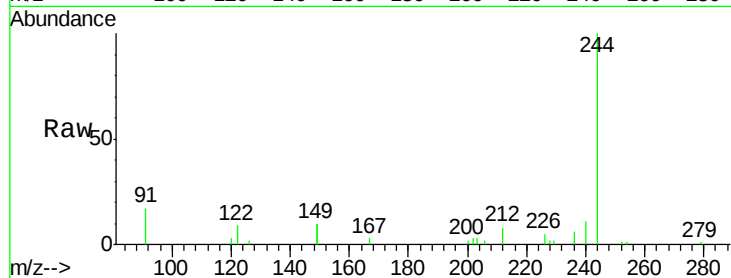
Tot Ion:244 Resp: 21794

Ion Ratio Lower Upper

244 100

212 8.5 25.4 38.0#

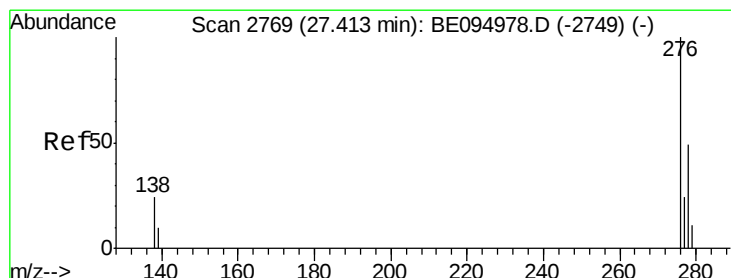
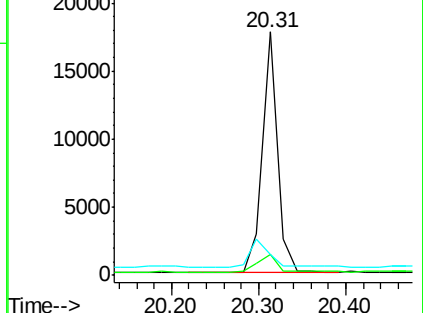
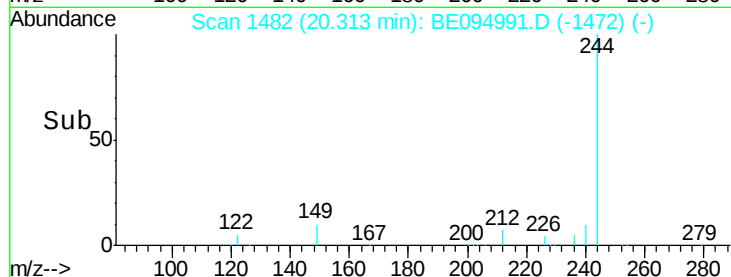
122 8.5 8.1 12.1



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.032 ng

RT: 27.40 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

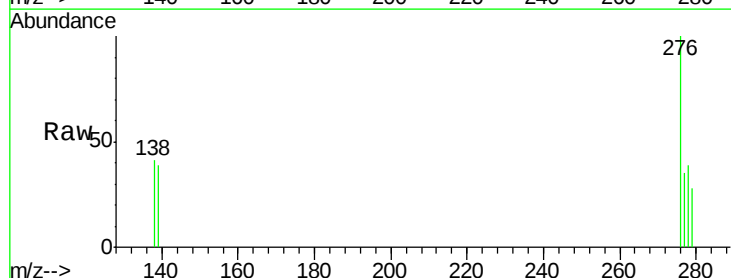
Tgt Ion:276 Resp: 2142

Ion Ratio Lower Upper

276 100

138 32.8 22.5 33.7

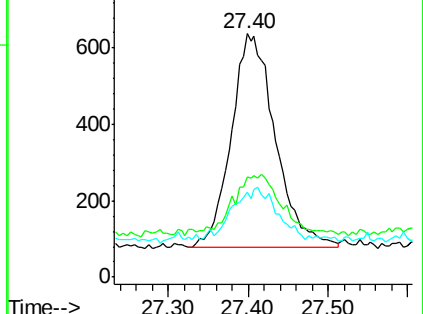
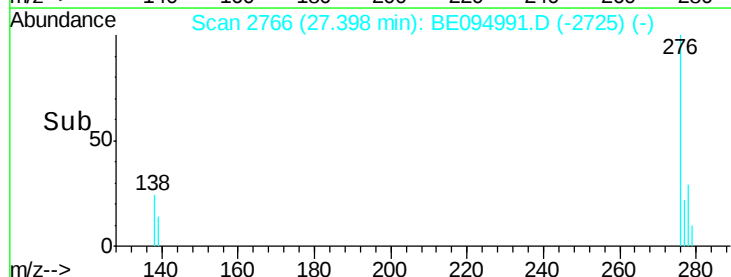
277 24.2 19.9 29.9

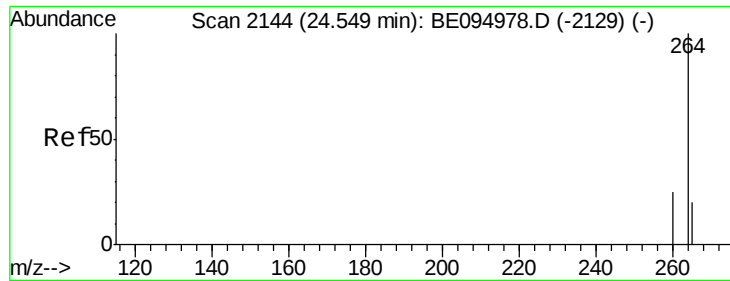


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

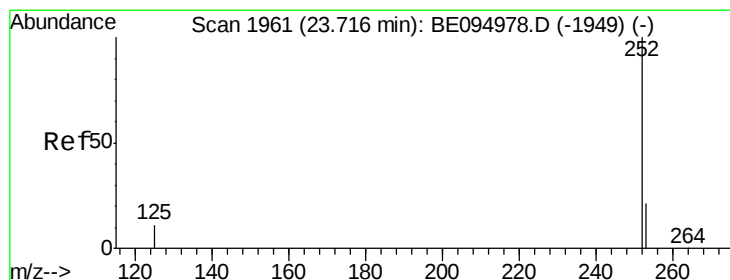
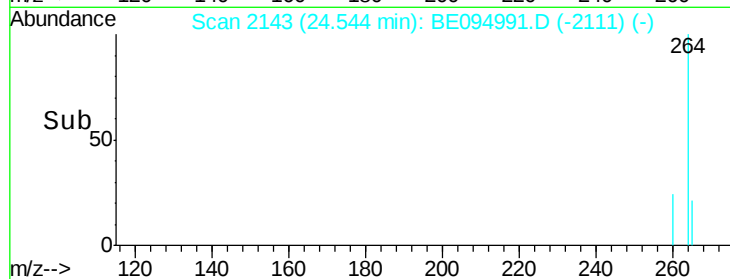
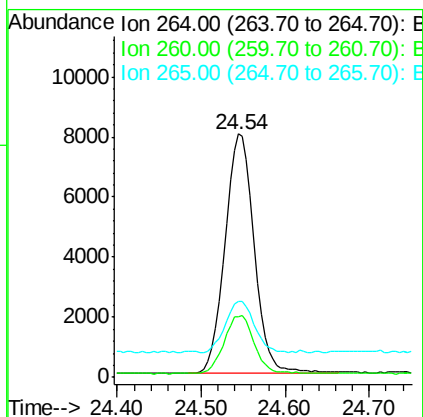
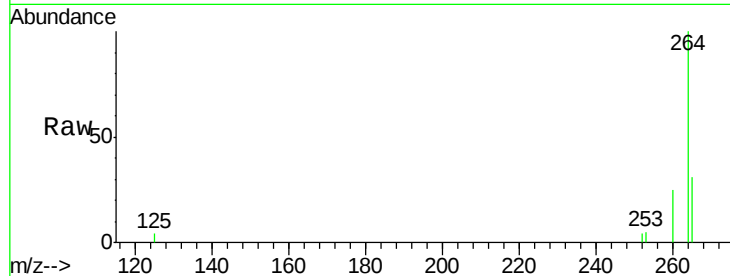




#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.54 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BE094991.D
Acq: 14 Dec 2017 23:44

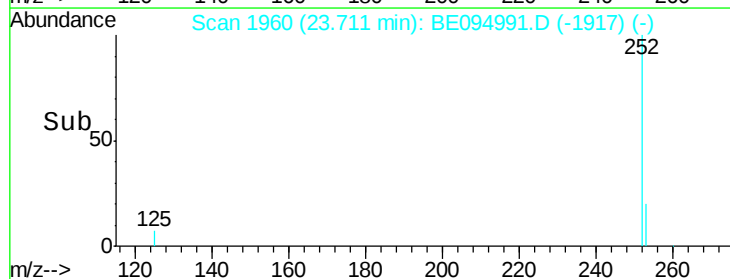
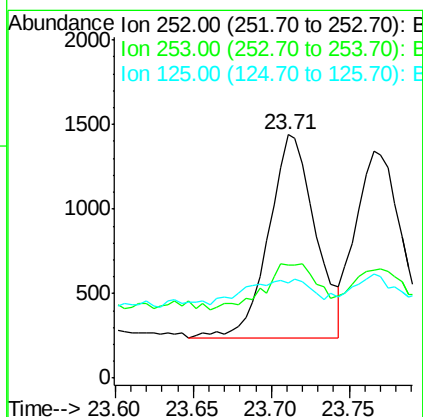
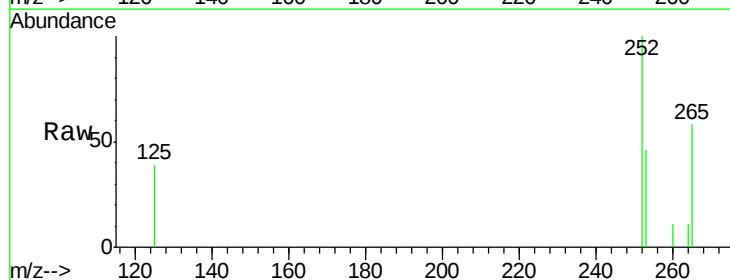
Instrument :
BNA_E
ClientSampleId :
YT-MW-01

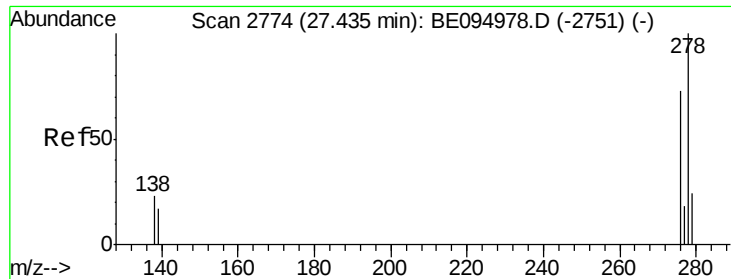
Tot Ion:264 Resp: 19227
Ion Ratio Lower Upper
264 100
260 25.1 20.5 30.7
265 31.2 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.036 ng
RT: 23.71 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BE094991.D
Acq: 14 Dec 2017 23:44

Tgt Ion:252 Resp: 2507
Ion Ratio Lower Upper
252 100
253 46.4 20.0 30.0#
125 39.2 16.0 24.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.028 ng

RT: 27.43 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

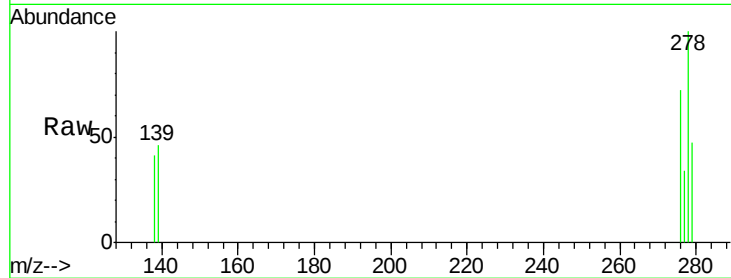
Tot Ion:278 Resp: 1652

Ion Ratio Lower Upper

278 100

139 46.4 16.0 24.0#

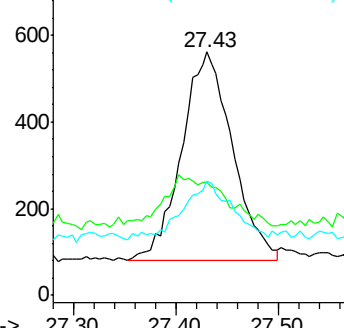
279 46.8 20.0 30.0#



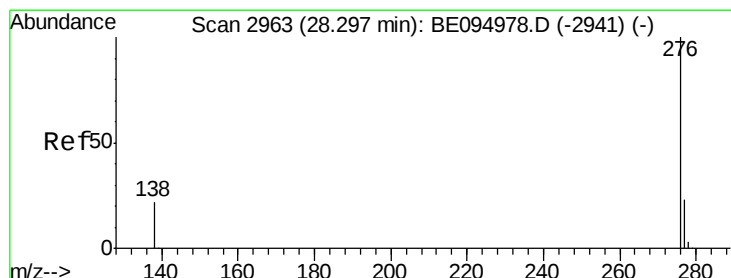
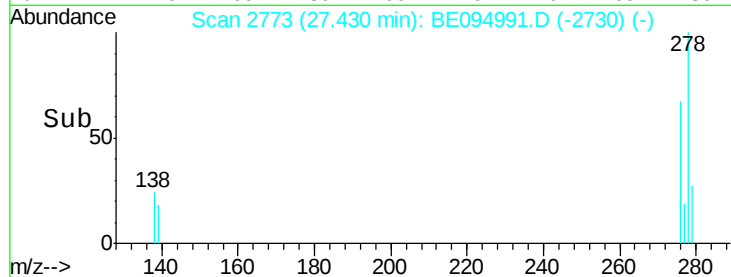
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 27.30 27.40 27.50



#39

Benzo(g,h,i)perylene

Concen: 0.032 ng

RT: 28.29 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BE094991.D

Acq: 14 Dec 2017 23:44

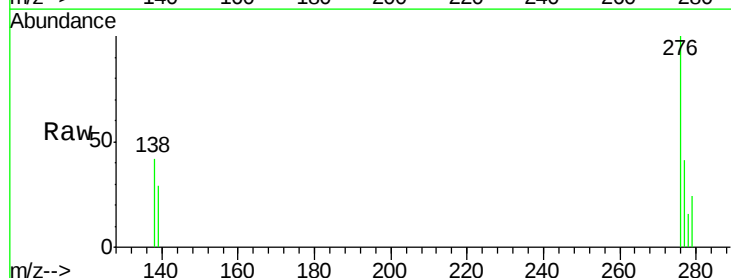
Tgt Ion:276 Resp: 1878

Ion Ratio Lower Upper

276 100

277 40.9 16.0 24.0#

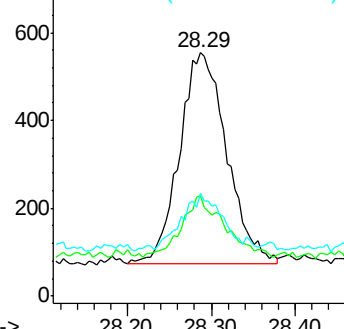
138 42.2 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time--> 28.20 28.30 28.40

