

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102315\
 Data File : BE091041.D
 Acq On : 23 Oct 2015 19:45
 Operator : UM/NP
 Sample : G4143-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

Quant Time: Oct 24 04:58:15 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 02:19:56 2015
 Response via : Initial Calibration

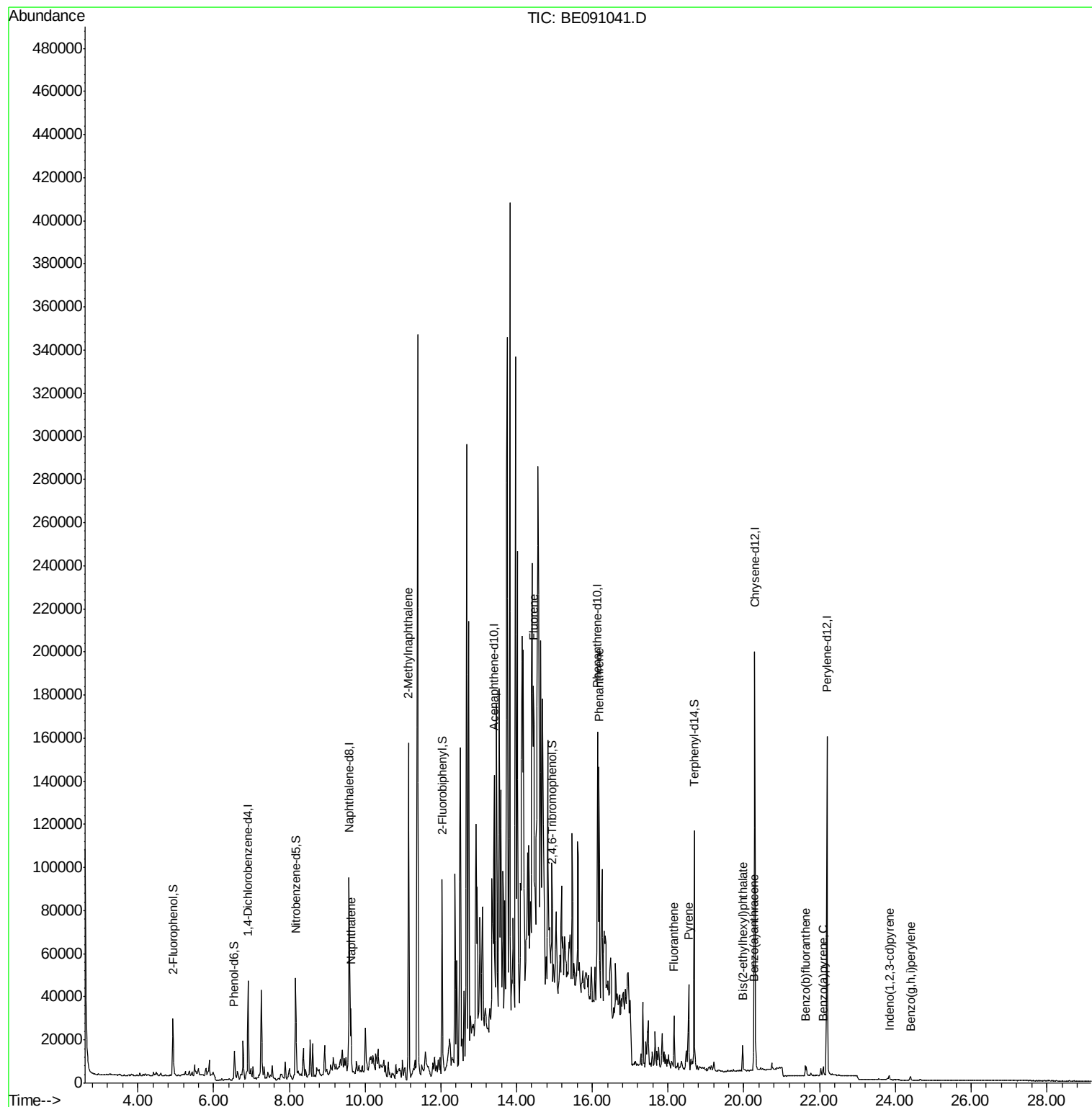
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	20127	5.00	ng	0.00
7) Naphthalene-d8	9.58	136	104914	5.00	ng	-0.01
13) Acenaphthene-d10	13.41	164	64375	5.00	ng	0.00
19) Phenanthrene-d10	16.13	188	138158	5.00	ng	0.00
26) Chrysene-d12	20.29	240	160930	5.00	ng	0.00
35) Perylene-d12	22.19	264	158386	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.92	112	18140	4.48	ng	-0.01
5) Phenol-d6	6.55	99	14303	2.78	ng	0.00
8) Nitrobenzene-d5	8.17	82	43779	6.28	ng	-0.01
14) 2,4,6-Tribromophenol	14.94	330	20551	9.19	ng	0.00
15) 2-Fluorobiphenyl	12.03	172	79564	4.56	ng	-0.01
29) Terphenyl-d14	18.69	244	112249	5.65	ng	0.00
Target Compounds						
10) Naphthalene	9.62	128	39303	1.90	ng	# 92
12) 2-Methylnaphthalene	11.15	142	105629	7.93	ng	97
18) Fluorene	14.46	166	64840	3.05	ng	# 66
23) Phenanthrene	16.17	178	107209	3.39	ng	# 73
25) Fluoranthene	18.16	202	20468	0.54	ng	# 91
28) Pyrene	18.54	202	32057	0.86	ng	# 80
30) Benzo(a)anthracene	20.26	228	6676	0.19	ng	# 83
33) Bis(2-ethylhexyl)phthalate	19.97	149	11893	1.01	ng	99
34) Indeno(1,2,3-cd)pyrene	23.84	276	2726	0.18	ng	93
36) Benzo(b)fluoranthene	21.63	252	4351	0.12	ng	# 52
38) Benzo(a)pyrene	22.09	252	4719	0.15	ng	# 54
40) Benzo(g,h,i)perylene	24.40	276	2645	0.08	ng	# 62

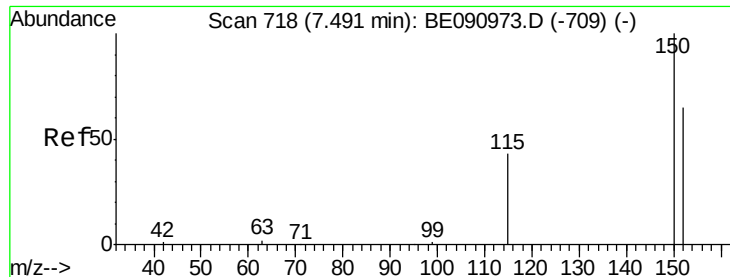
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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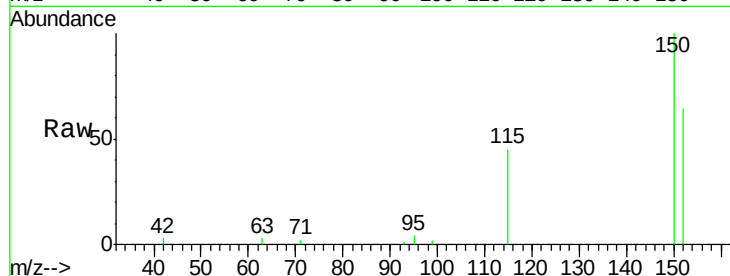


#1

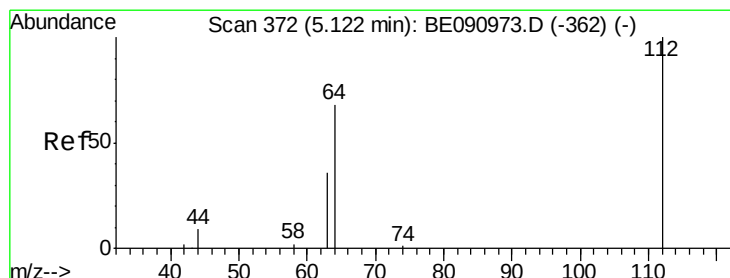
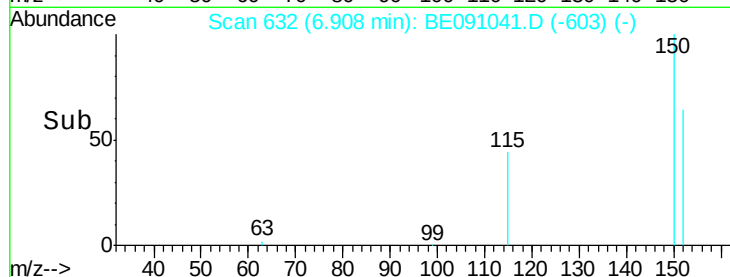
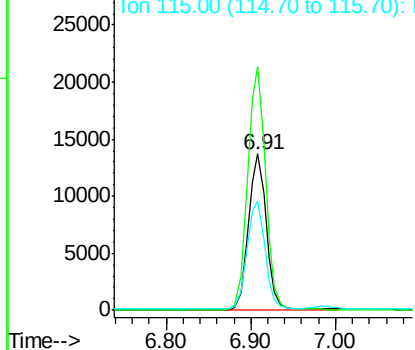
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

Instrument :
BNA_E
ClientSampled :
YT-MW-01

Tgt Ion:152 Resp: 20127
Ion Ratio Lower Upper
152 100
150 155.9 122.6 183.8
115 69.7 52.8 79.2



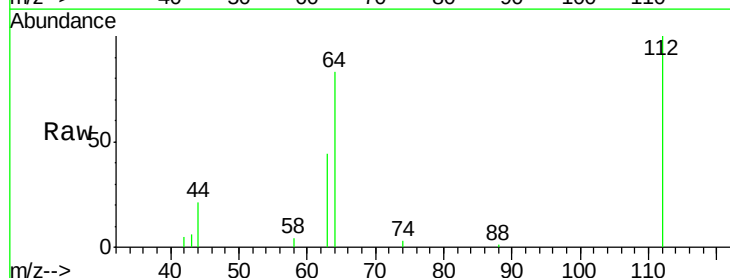
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



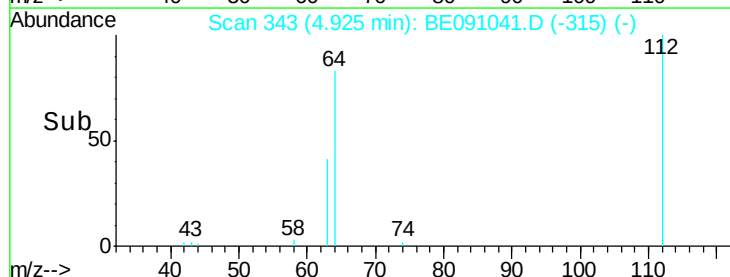
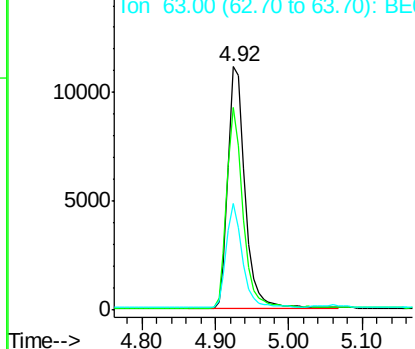
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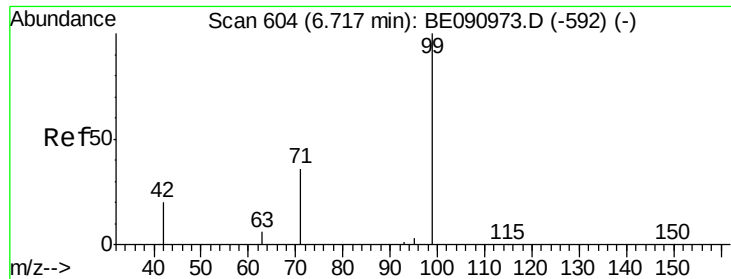
2-Fluorophenol
Concen: 4.48 ng
RT: 4.92 min Scan# 343
Delta R.T. -0.01 min
Lab File: BE091041.D
Acq: 23 Oct 2015 19:45

Tgt Ion:112 Resp: 18140
Ion Ratio Lower Upper
112 100
64 79.8 30.9 46.3#
63 40.1 16.7 25.1#



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: 2.78 ng

RT: 6.55 min Scan# 579

Delta R.T. -0.01 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

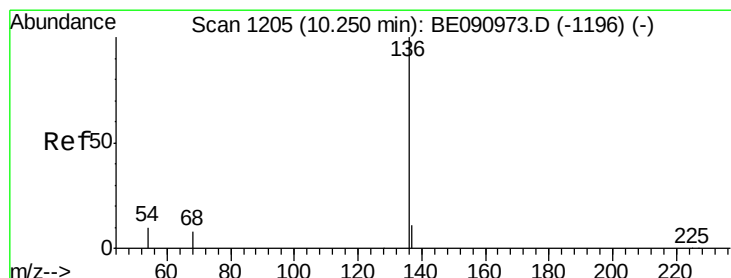
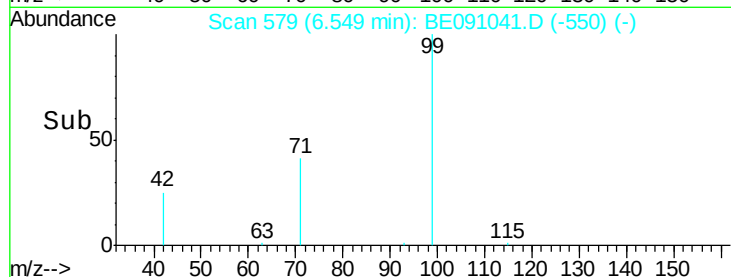
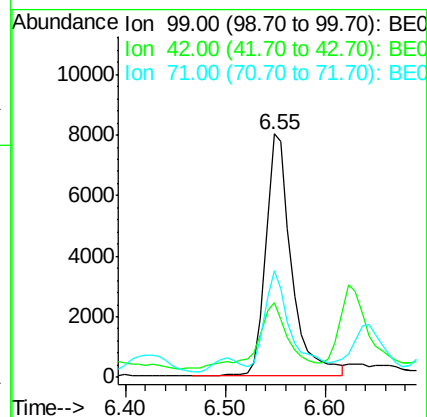
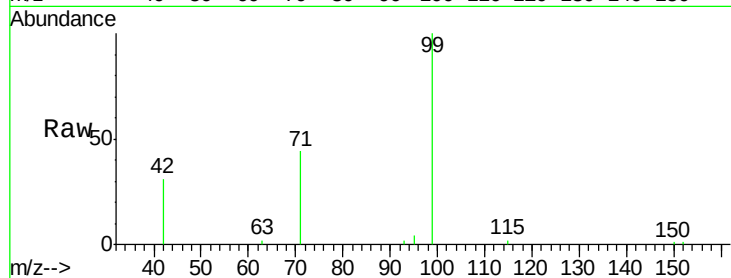
Tgt Ion: 99 Resp: 14303

Ion Ratio Lower Upper

99 100

42 32.8 16.2 24.2#

71 37.1 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.58 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Tgt Ion: 136 Resp: 104914

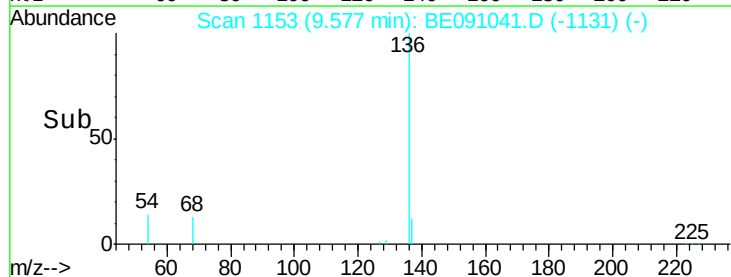
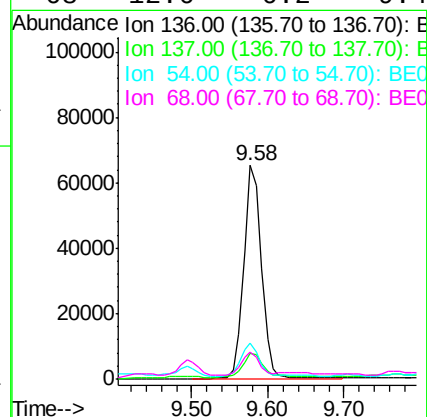
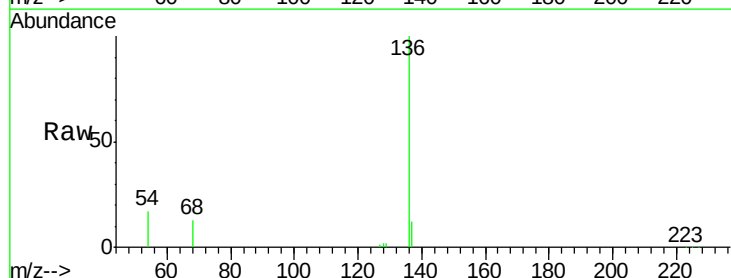
Ion Ratio Lower Upper

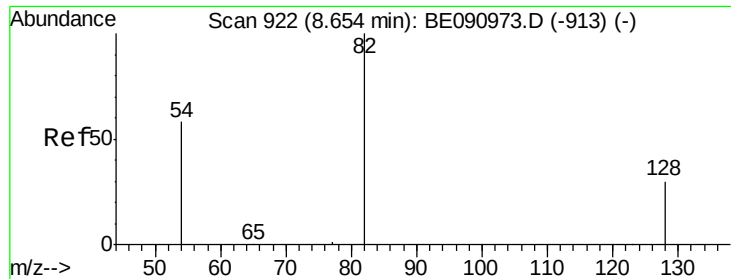
136 100

137 12.2 8.9 13.3

54 16.7 8.2 12.4#

68 12.6 6.2 9.4#





#8

Nitrobenzene-d5

Concen: 6.28 ng

RT: 8.17 min Scan# 862

Delta R.T. -0.01 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

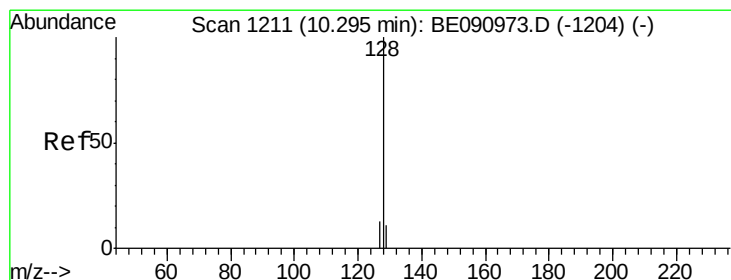
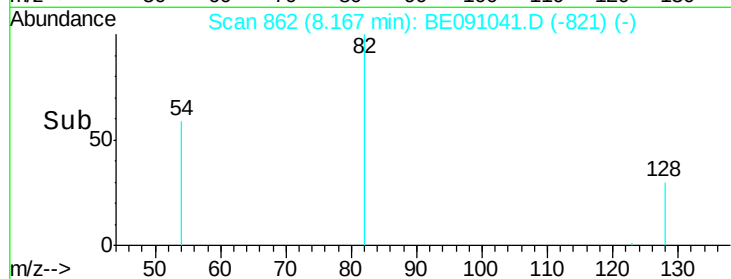
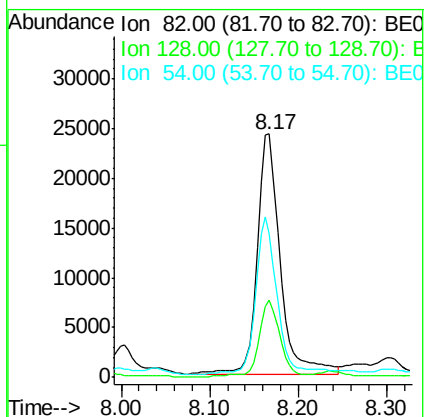
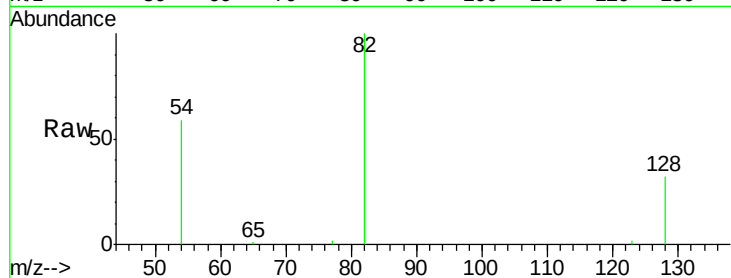
Tgt Ion: 82 Resp: 43779

Ion Ratio Lower Upper

82 100

128 31.6 25.4 38.0

54 59.2 48.4 72.6



#10

Naphthalene

Concen: 1.90 ng

RT: 9.62 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

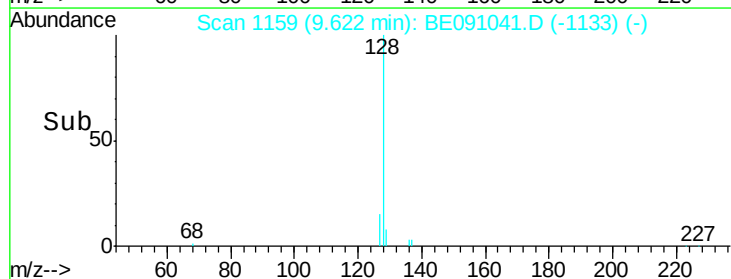
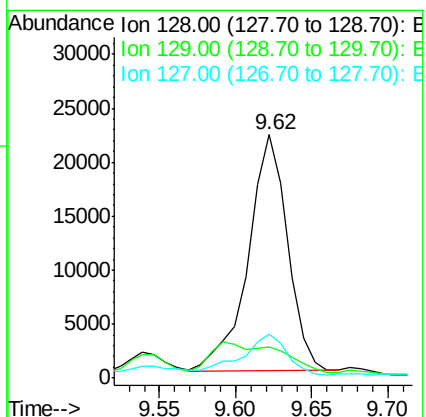
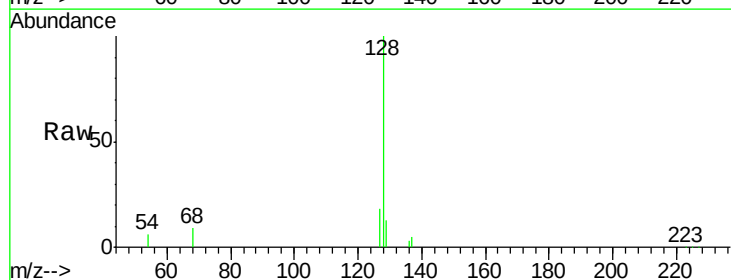
Tgt Ion: 128 Resp: 39303

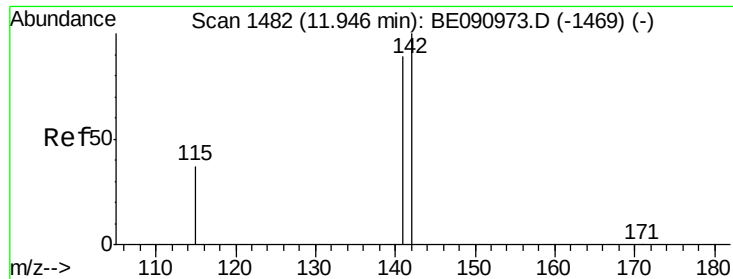
Ion Ratio Lower Upper

128 100

129 13.0 9.3 13.9

127 17.9 10.7 16.1#

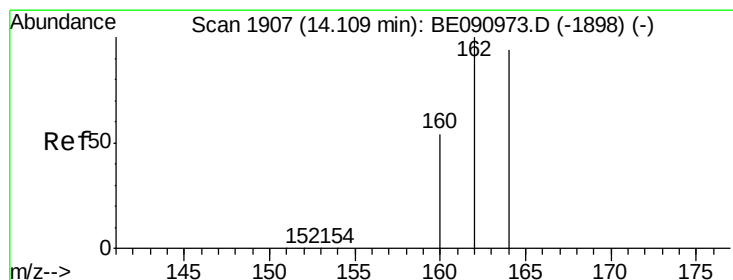
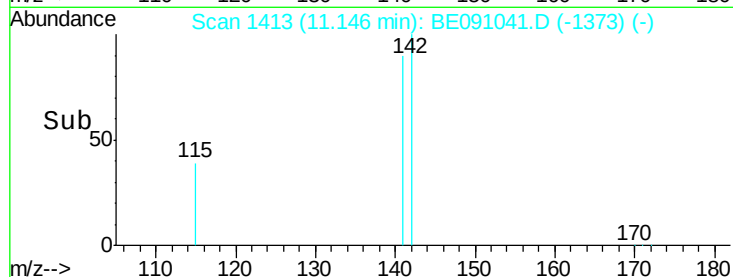
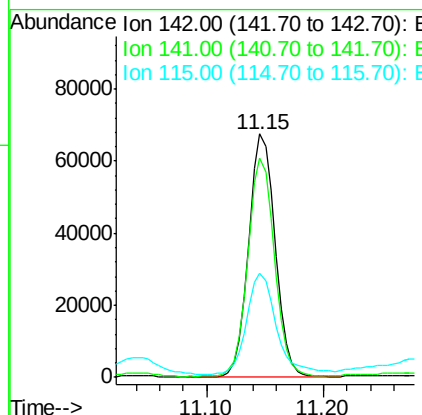
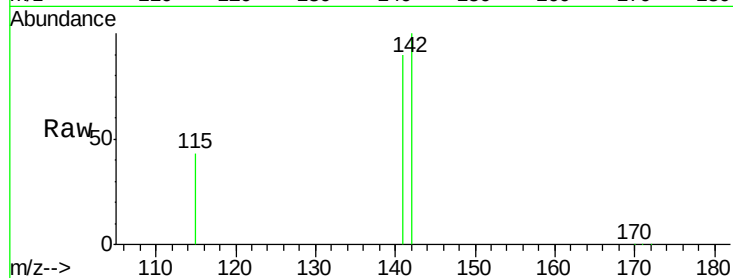




#12
 2-Methylnaphthalene
 Concen: 7.93 ng
 RT: 11.15 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

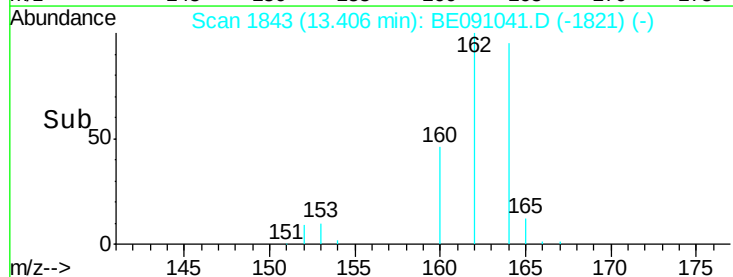
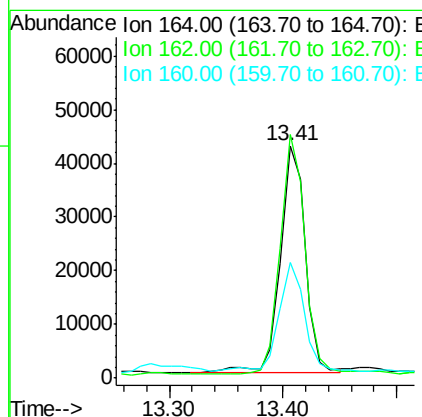
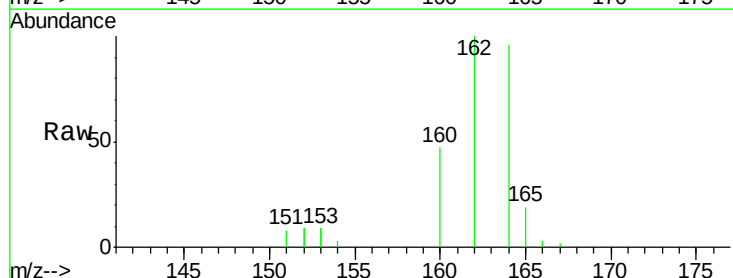
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

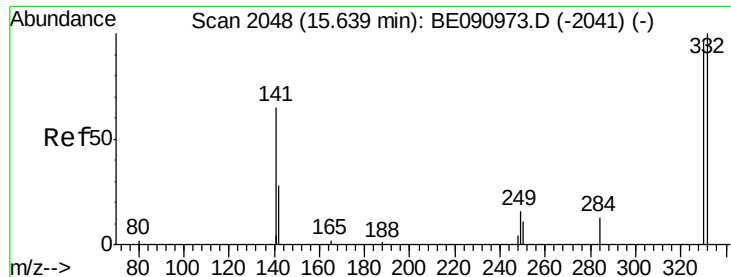
Tgt Ion:142 Resp: 105629
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.4 107.0
 115 43.0 30.3 45.5



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 13.41 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

Tgt Ion:164 Resp: 64375
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.3 127.9
 160 49.7 46.2 69.2

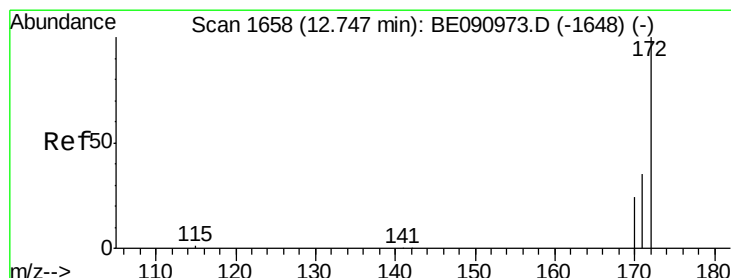
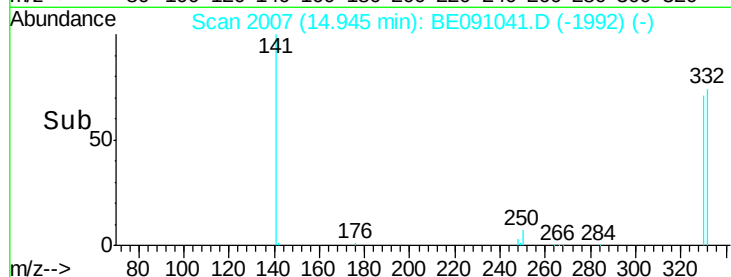
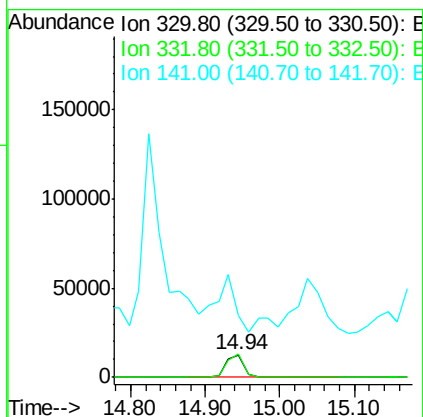
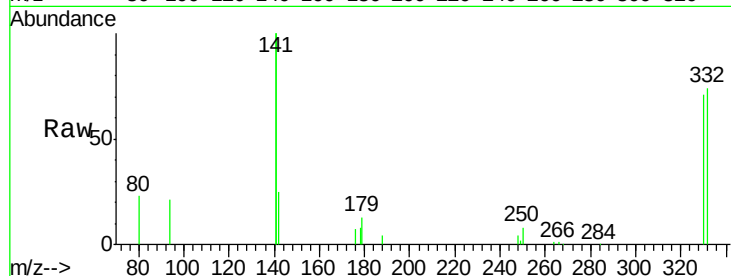




#14
 2,4,6-Tribromophenol
 Concen: 9.19 ng
 RT: 14.94 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

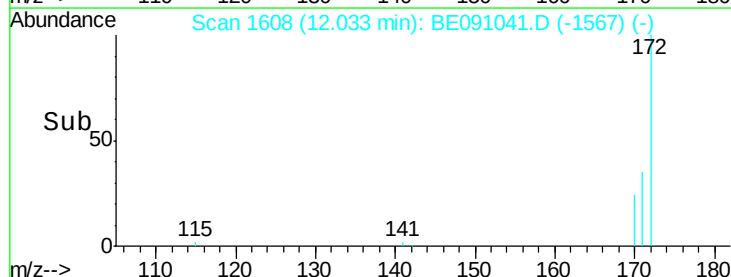
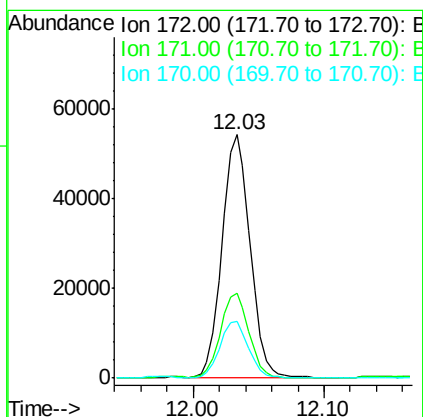
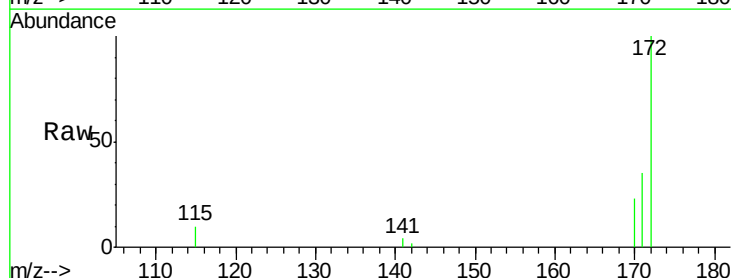
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

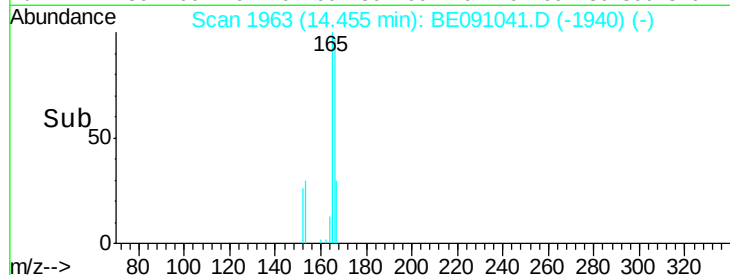
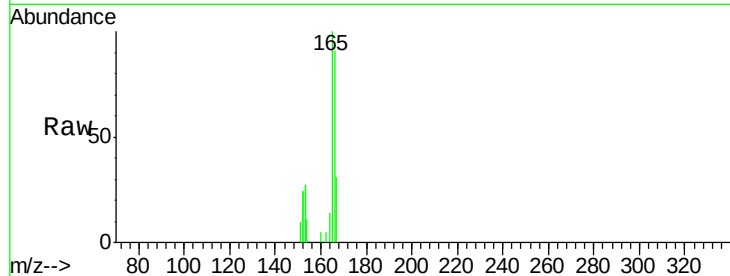
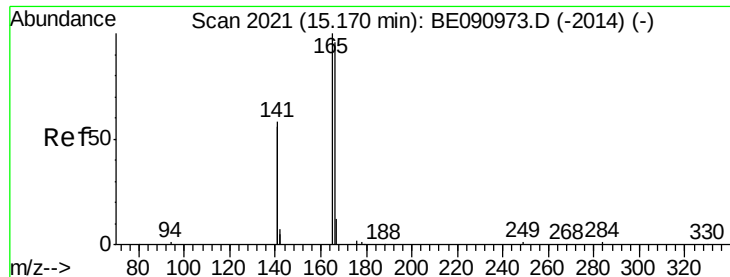
Tgt Ion:330 Resp: 20551
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.1 118.7
 141 285.1 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 4.56 ng
 RT: 12.03 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

Tgt Ion:172 Resp: 79564
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.8 43.2
 170 23.4 19.3 28.9





#18

Fluorene

Concen: 3.05 ng

RT: 14.46 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

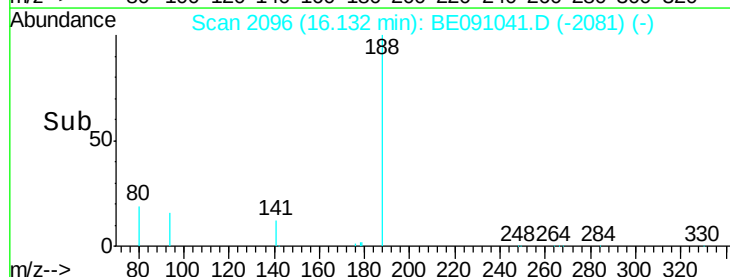
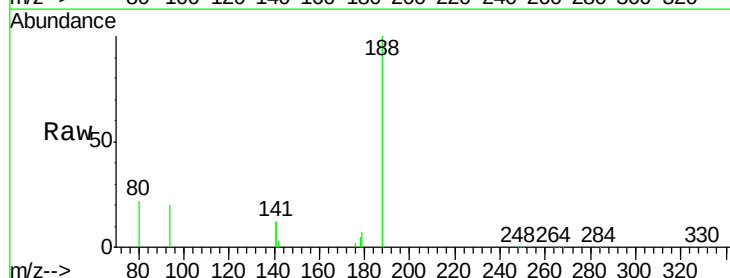
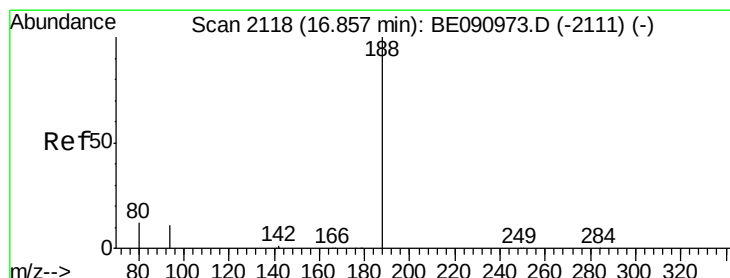
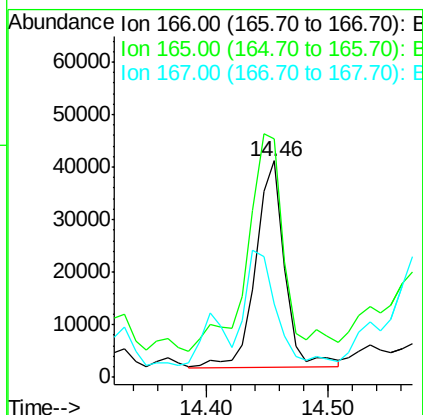
Tgt Ion:166 Resp: 64840

Ion Ratio Lower Upper

166 100

165 127.1 80.8 121.2#

167 52.4 10.9 16.3#



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.13 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

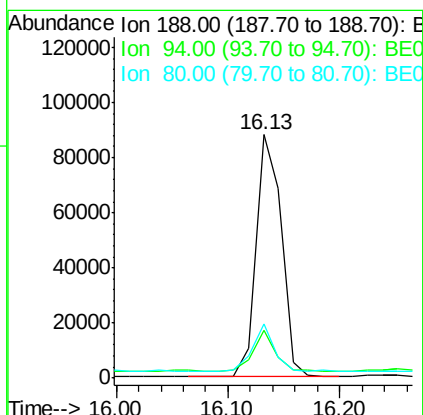
Tgt Ion:188 Resp: 138158

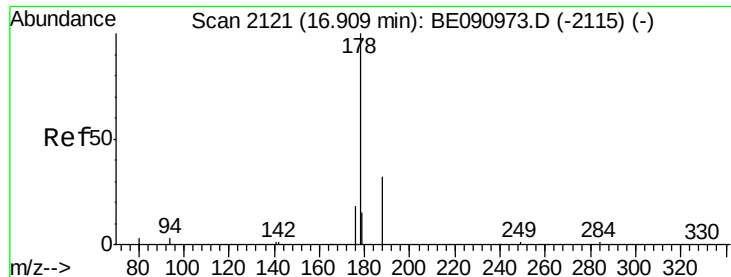
Ion Ratio Lower Upper

188 100

94 19.5 8.7 13.1#

80 22.2 9.4 14.0#





#23

Phenanthrene

Concen: 3.39 ng

RT: 16.17 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

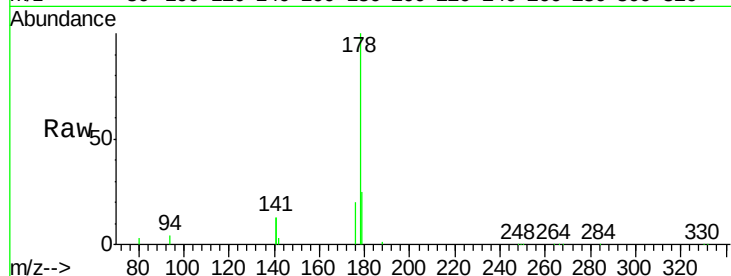
Tgt Ion:178 Resp: 107209

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

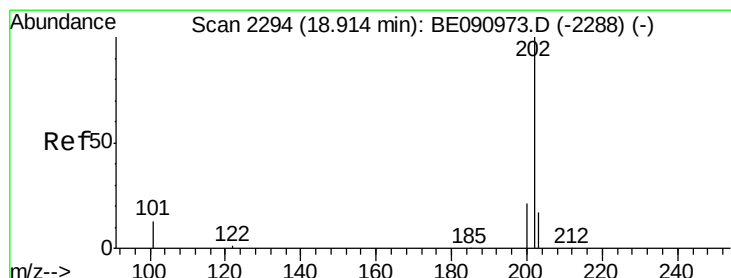
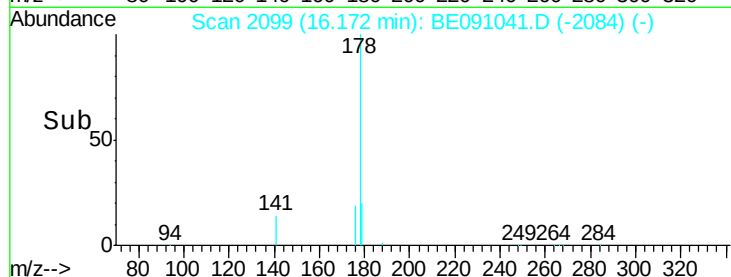
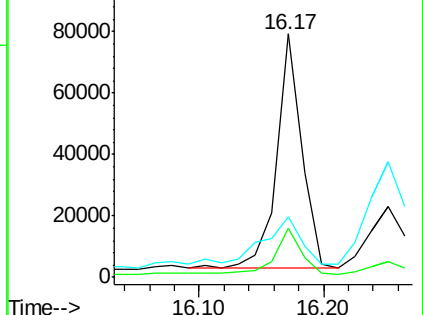
179 40.4 12.6 18.8#



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

Concen: 0.54 ng

RT: 18.16 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

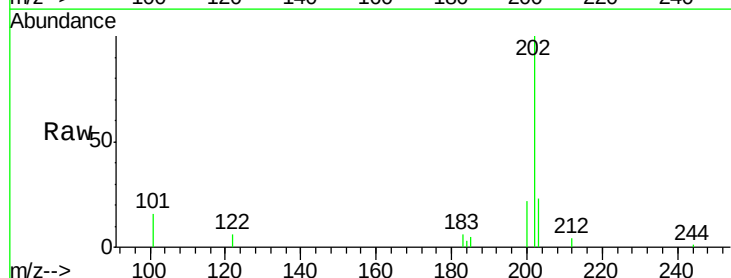
Tgt Ion:202 Resp: 20468

Ion Ratio Lower Upper

202 100

101 17.7 11.0 16.6#

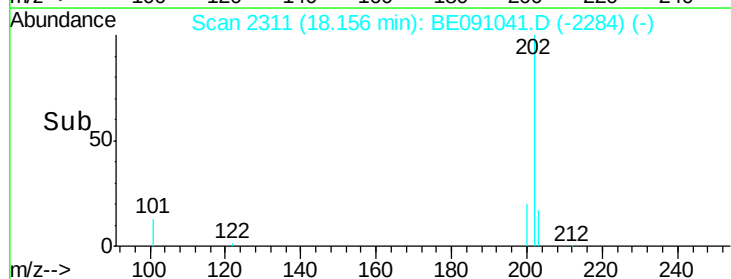
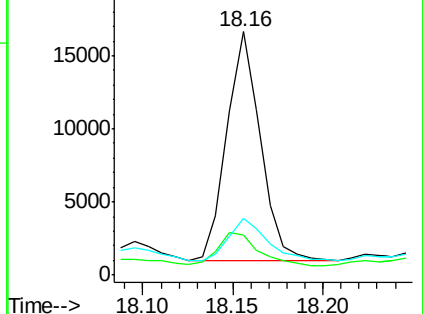
203 20.9 13.9 20.9#

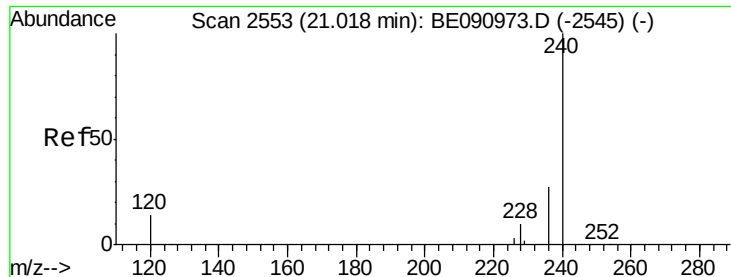


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 20.29 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

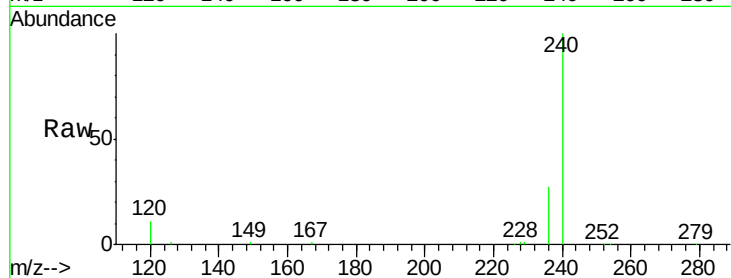
Tgt Ion:240 Resp: 160930

Ion Ratio Lower Upper

240 100

120 10.7 11.0 16.4#

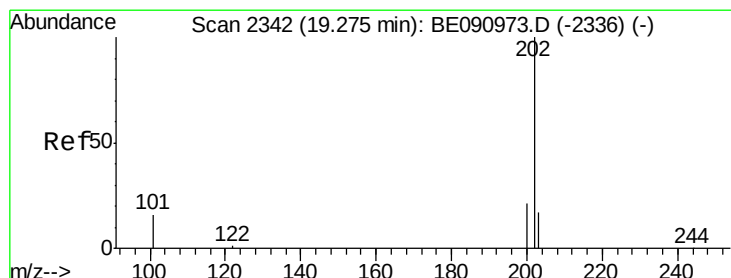
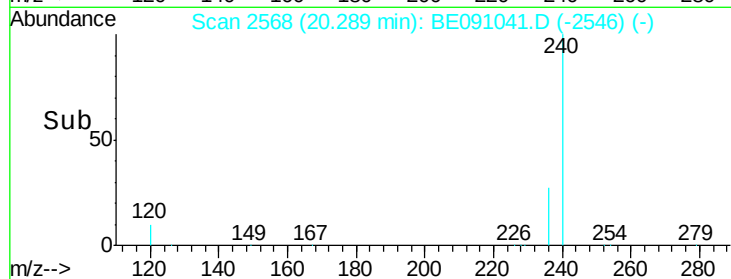
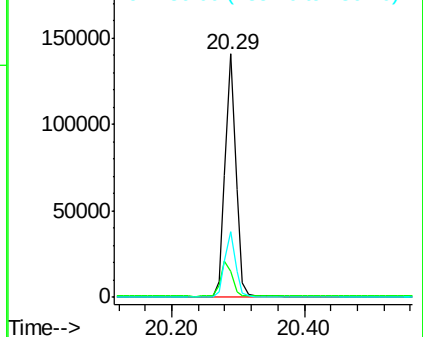
236 27.1 21.7 32.5



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: 0.86 ng

RT: 18.54 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

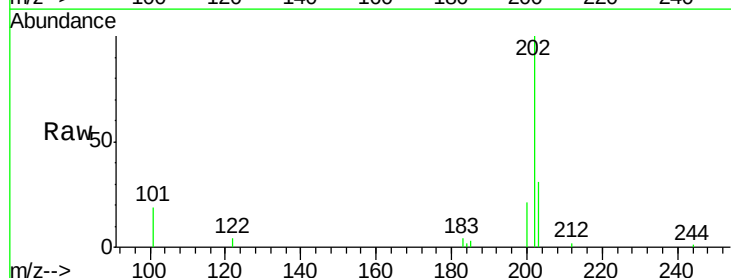
Tgt Ion:202 Resp: 32057

Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

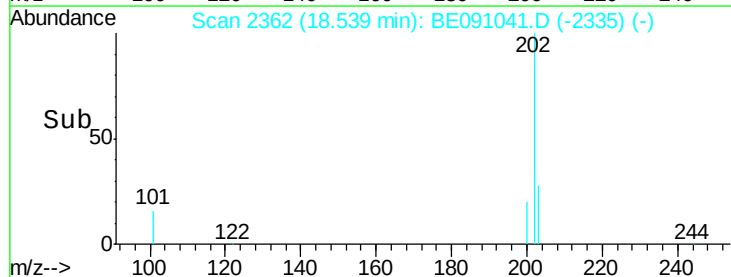
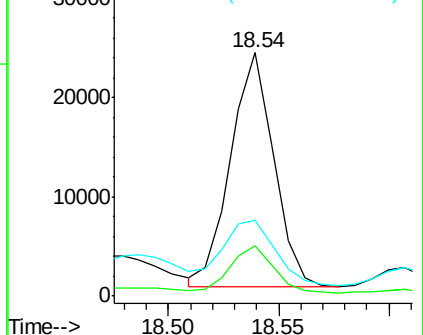
203 35.3 14.0 21.0#

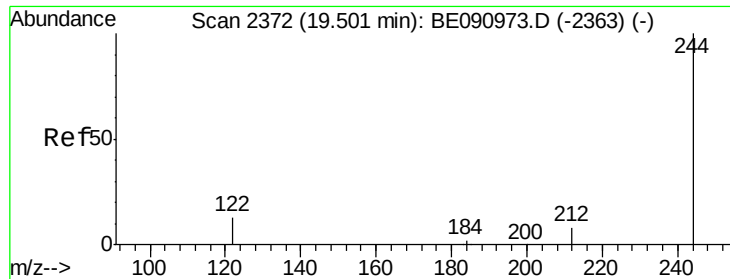


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.65 ng

RT: 18.69 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

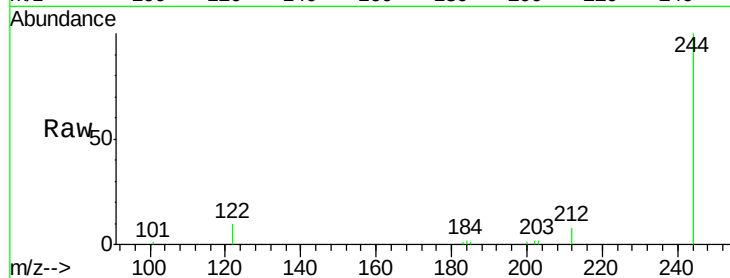
Tgt Ion:244 Resp: 112249

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

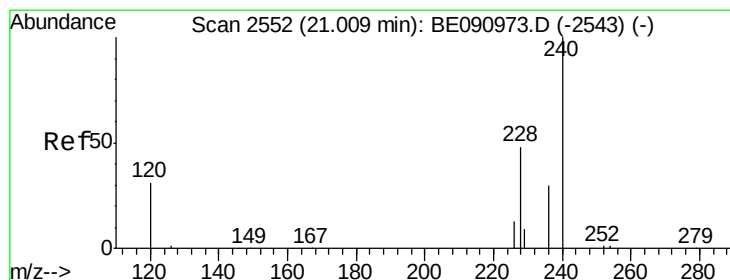
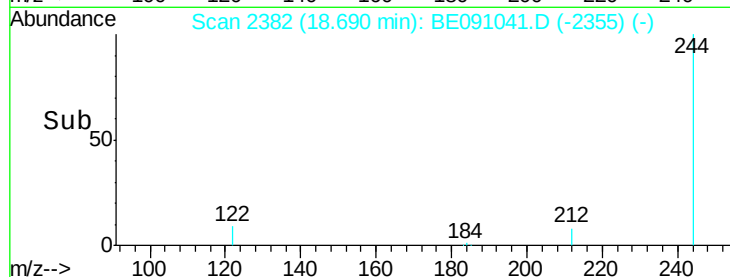
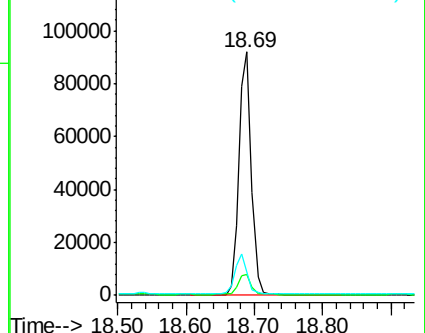
122 9.5 11.0 16.4#



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: 0.19 ng

RT: 20.26 min Scan# 2565

Delta R.T. 0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

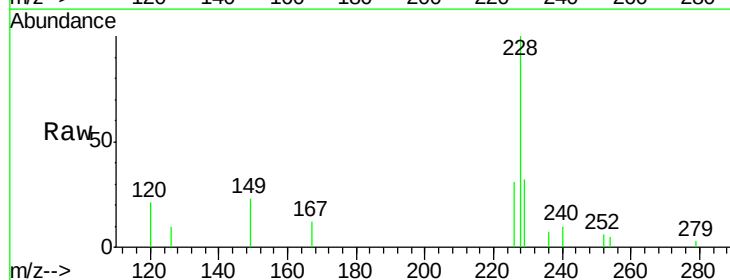
Tgt Ion:228 Resp: 6676

Ion Ratio Lower Upper

228 100

226 30.8 21.0 31.4

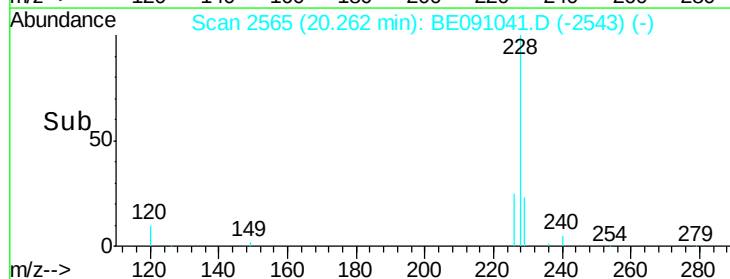
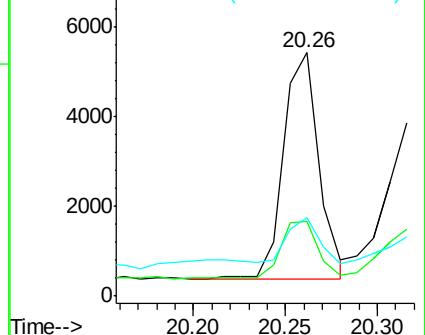
229 32.4 15.7 23.5#

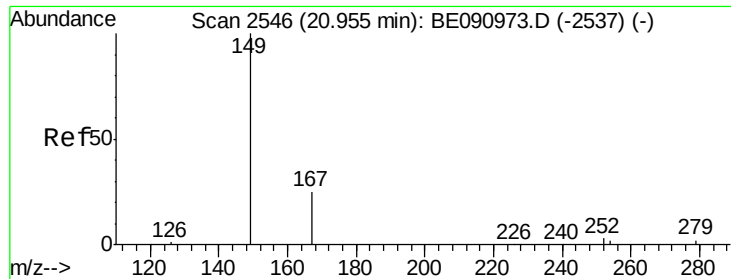


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.01 ng

RT: 19.97 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

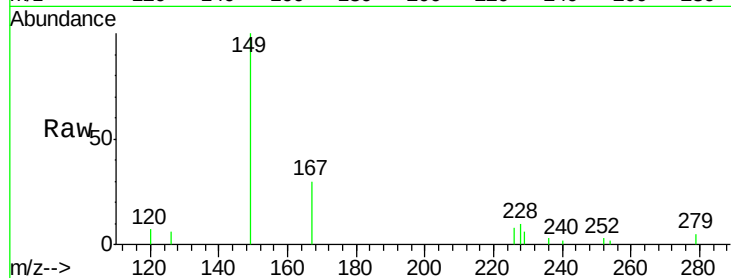
Tgt Ion:149 Resp: 11893

Ion Ratio Lower Upper

149 100

167 25.0 19.5 29.3

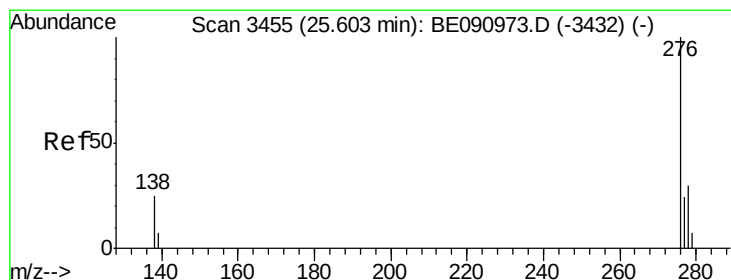
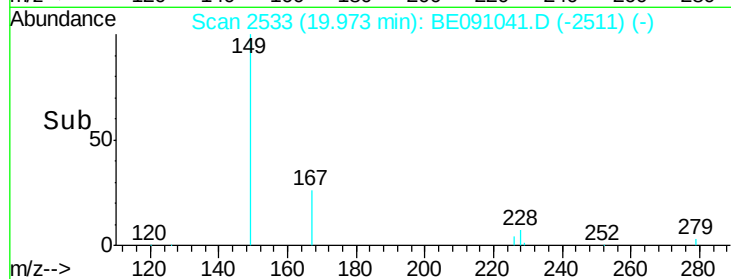
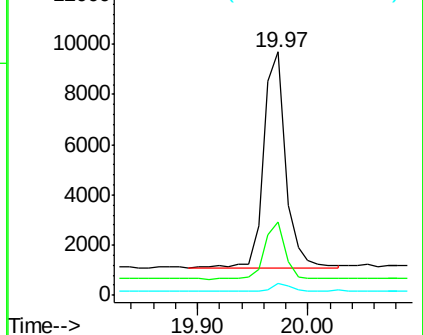
279 3.4 2.3 3.5



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.18 ng

RT: 23.84 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

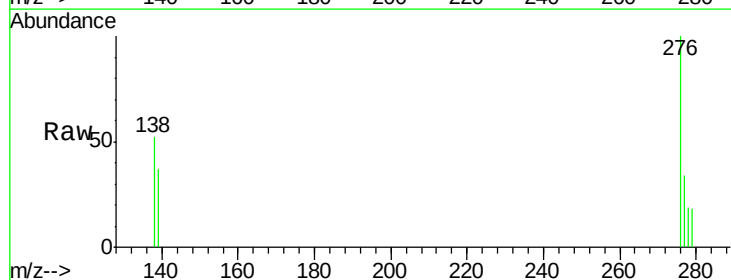
Tgt Ion:276 Resp: 2726

Ion Ratio Lower Upper

276 100

138 23.4 23.4 35.2

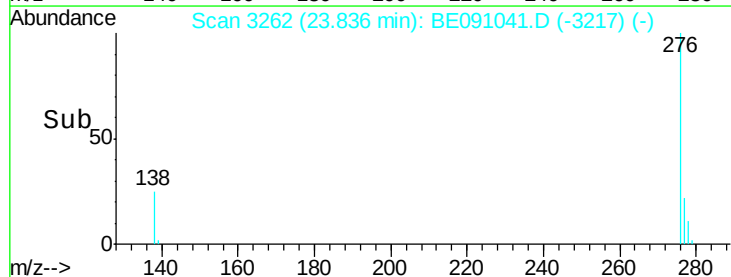
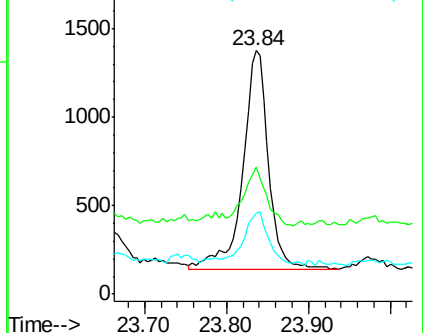
277 23.5 19.8 29.8

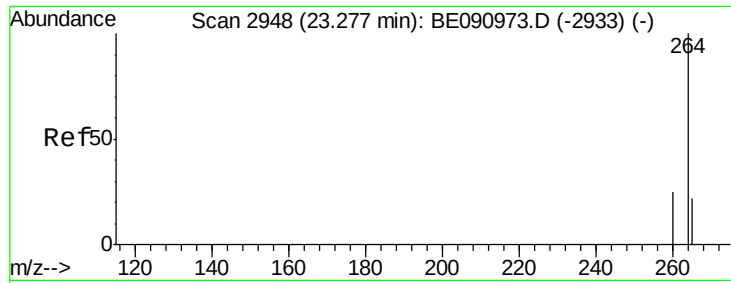


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

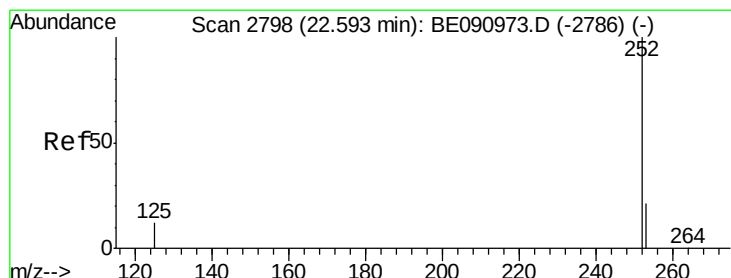
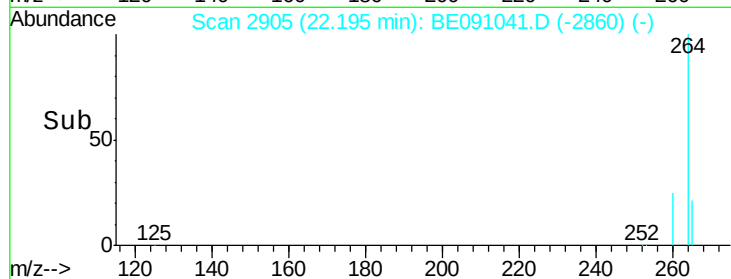
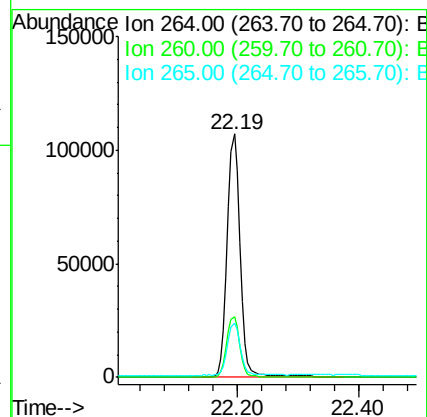
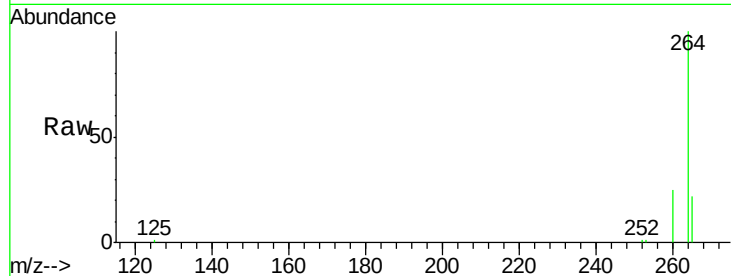




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 22.19 min Scan# 2905
 Delta R.T. 0.00 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

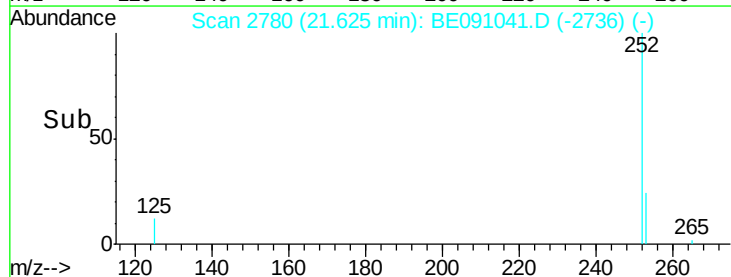
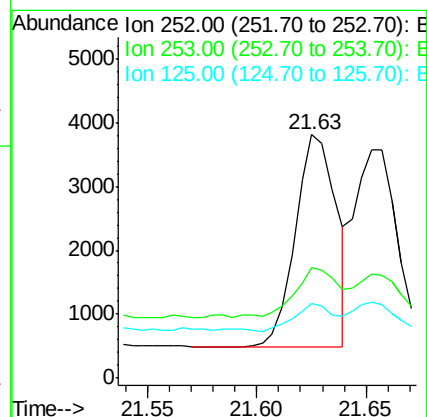
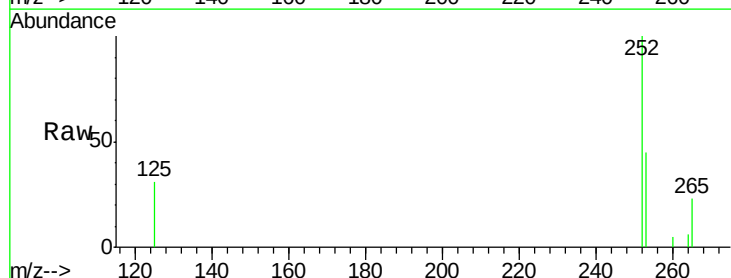
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

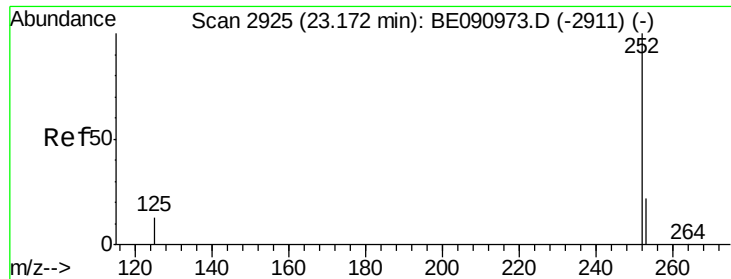
Tgt Ion: 264 Resp: 158386
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 22.2 17.5 26.3



#36
Benzo(b)fluoranthene
 Concen: 0.12 ng
 RT: 21.63 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: BE091041.D
 Acq: 23 Oct 2015 19:45

Tgt Ion: 252 Resp: 4351
 Ion Ratio Lower Upper
 252 100
 253 45.3 17.4 26.0#
 125 30.8 10.2 15.2#





#38

Benzo(a)pyrene

Concen: 0.15 ng

RT: 22.09 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

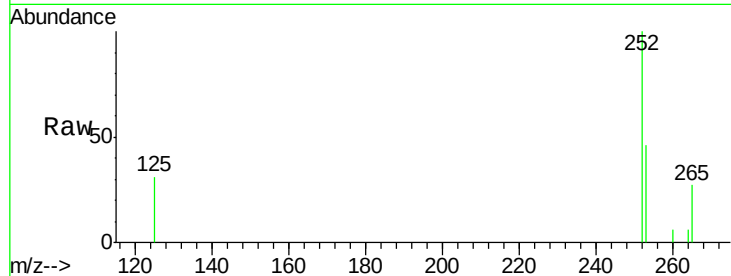
Tgt Ion: 252 Resp: 4719

Ion Ratio Lower Upper

252 100

253 45.5 18.1 27.1#

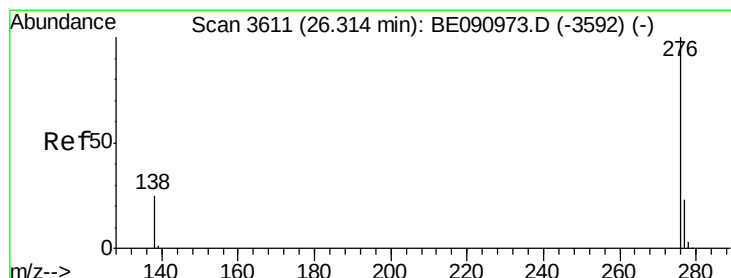
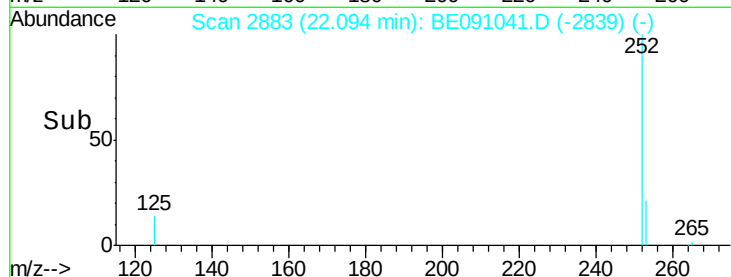
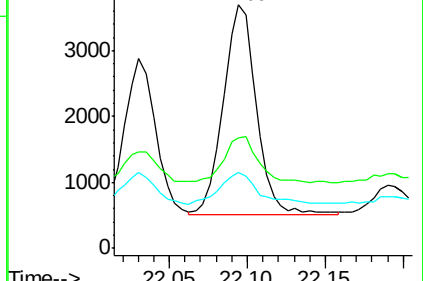
125 31.0 11.0 16.4#



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



#40

Benzo(g,h,i)perylene

Concen: 0.08 ng

RT: 24.40 min Scan# 3385

Delta R.T. 0.00 min

Lab File: BE091041.D

Acq: 23 Oct 2015 19:45

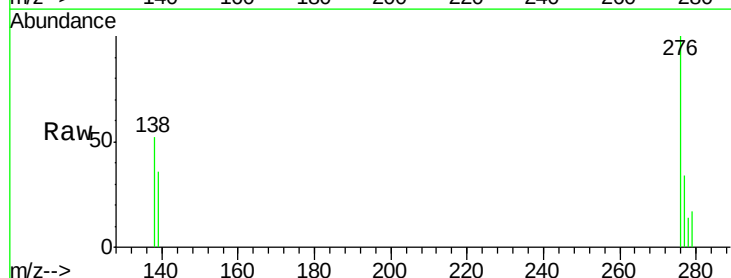
Tgt Ion: 276 Resp: 2645

Ion Ratio Lower Upper

276 100

277 34.4 18.6 28.0#

138 52.2 20.4 30.6#



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

