

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
 Data File : BE094874.D
 Acq On : 27 Nov 2017 16:06
 Operator : SJ/JU
 Sample : PB104506TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 27 16:43:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	32682	20.00	ng	-0.03
7) Naphthalene-d8	10.67	136	191857	20.00	ng	-0.03
13) Acenaphthene-d10	14.50	164	114726	20.00	ng	-0.01
19) Phenanthrene-d10	17.24	188	291996	20.00	ng	0.00
27) Chrysene-d12	21.42	240	372084	20.00	ng	-0.01
34) Perylene-d12	23.94	264	365187	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.48	112	282212	126.03	ng	-0.05
5) Phenol-d6	7.07	99	444421	131.48	ng	-0.06
8) Nitrobenzene-d5	9.03	82	264162	86.23	ng	-0.05
11) 2-Methylnaphthalene-d10	12.26	152	2	0.00	ng	-0.03
14) 2,4,6-Tribromophenol	16.00	330	124157	196.17	ng	-0.03
15) 2-Fluorobiphenyl	13.12	172	624441	77.22	ng	-0.03
25) Fluoranthene-d10	19.25	212	16	-50.00	ng	-0.03
29) Terphenyl-d14	19.84	244	1123871	80.10	ng	-0.02

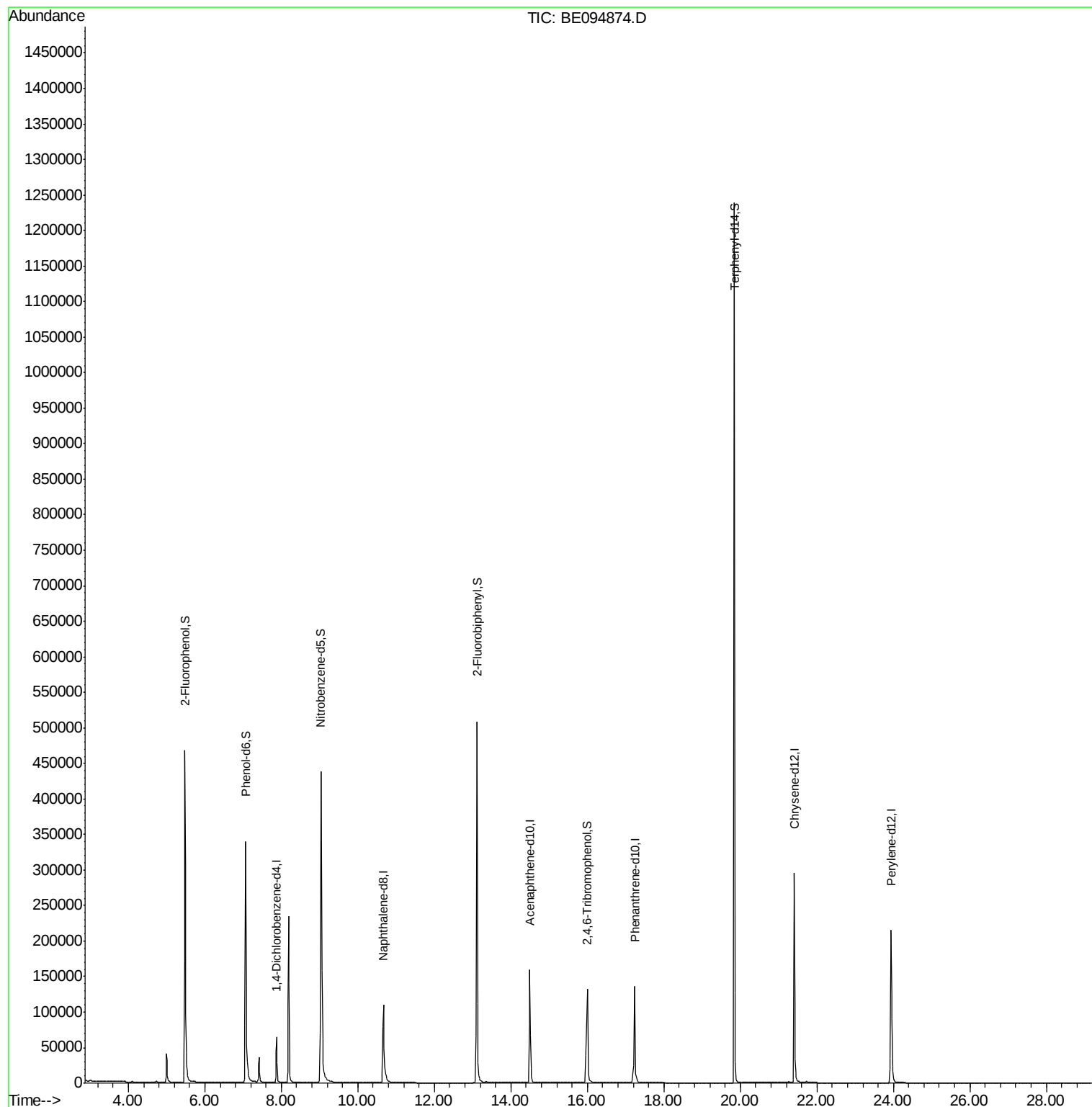
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.80	42	31	0.029	ng	# 9
17) Acenaphthene	14.50	154	396	0.051	ng	# 10
23) Phenanthrene	17.24	178	153	Below Cal		# 1
26) Fluoranthene	19.33	202	18	Below Cal		# 62
30) Benzo(a)anthracene	21.40	228	1064	0.044	ng	# 64
31) Chrysene	21.40	228	1064	0.043	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.27	149	1685	0.028	ng	# 97
37) Benzo(a)pyrene	23.94	252	1313	0.057	ng	# 53

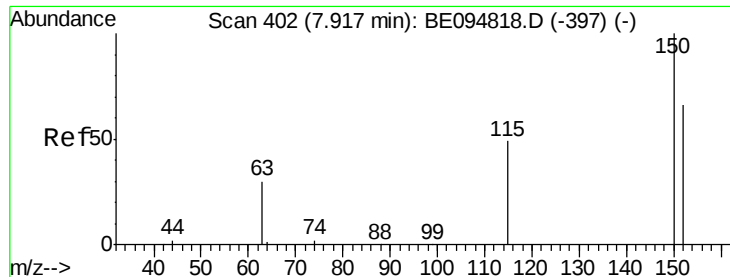
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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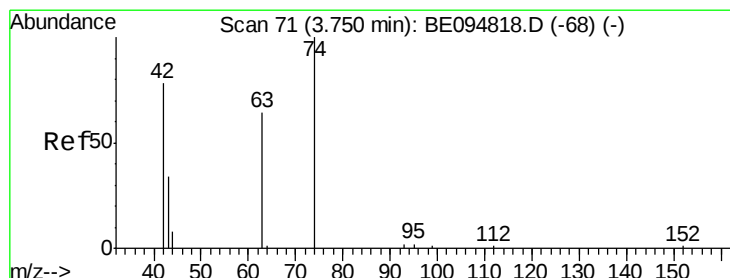
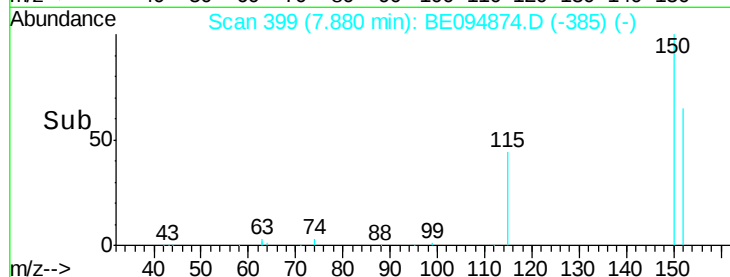
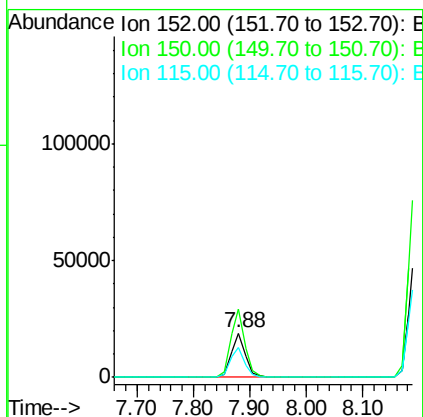
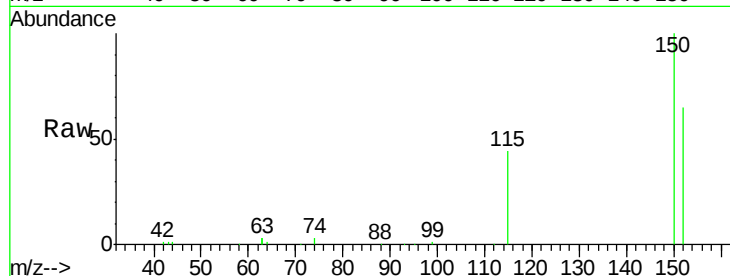


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 399
Delta R.T. -0.03 min
Lab File: BE094874.D
Acq: 27 Nov 2017 16:06

Instrument :
BNA_E
ClientSampled :

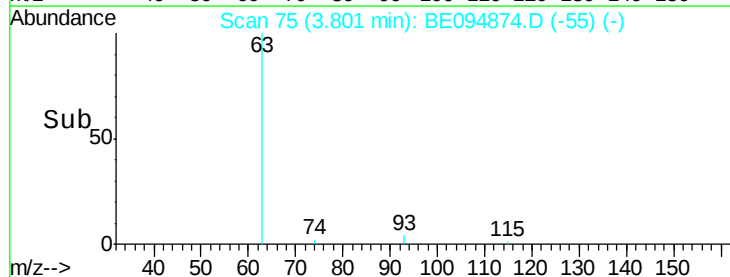
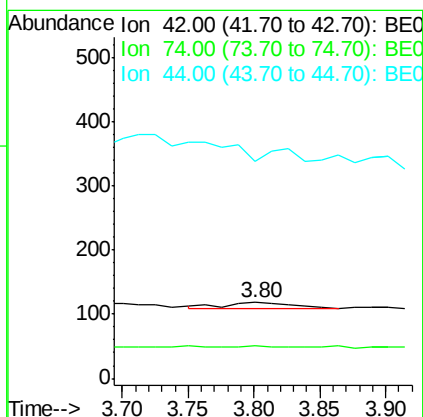
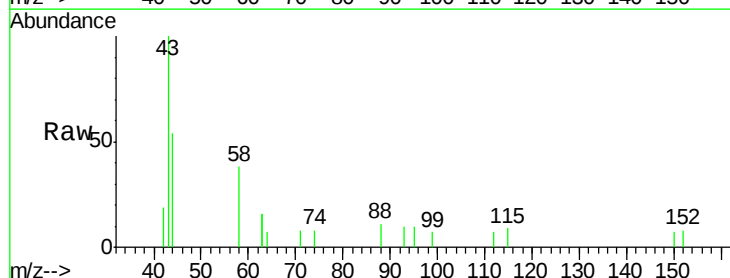
Tgt Ion: 152 Resp: 32682
Ion Ratio Lower Upper
152 100
150 153.0 117.2 175.8
115 68.0 57.0 85.6

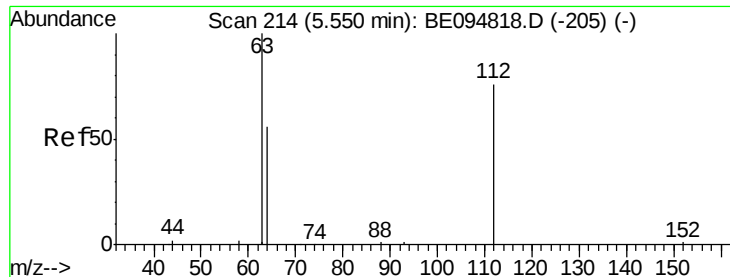


#3

n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.80 min Scan# 75
Delta R.T. 0.05 min
Lab File: BE094874.D
Acq: 27 Nov 2017 16:06

Tgt Ion: 42 Resp: 31
Ion Ratio Lower Upper
42 100
74 12.9 100.3 150.5#
44 0.0 17.0 25.4#

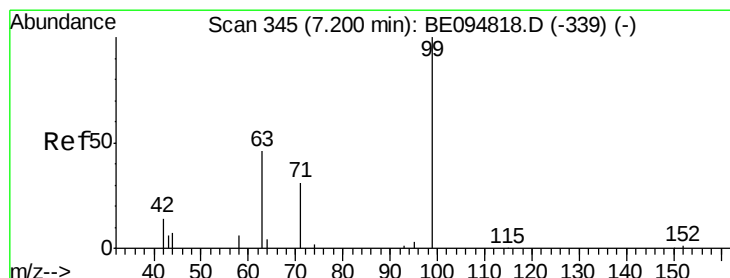
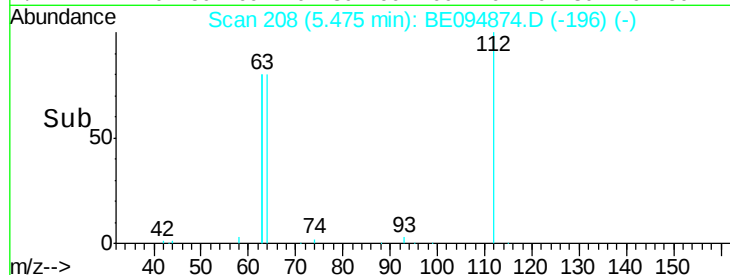
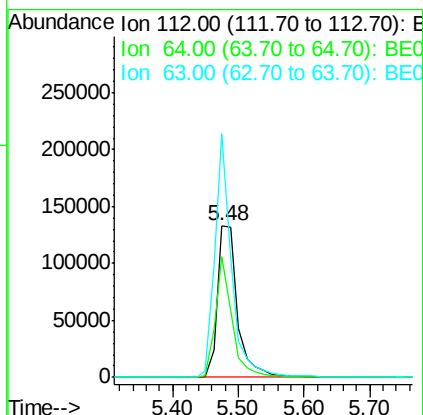
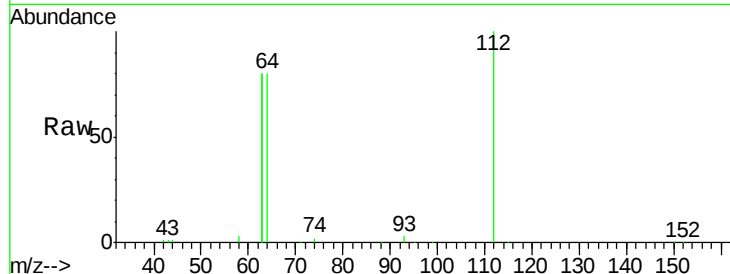




#4
2-Fluorophenol
Concen: 126.027 ng
RT: 5.48 min Scan# 208
Delta R.T. -0.05 min
Lab File: BE094874.D
Acq: 27 Nov 2017 16:06

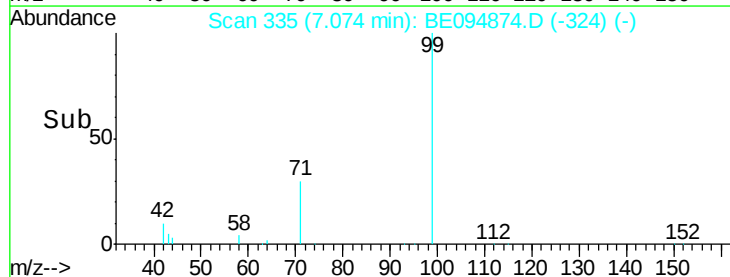
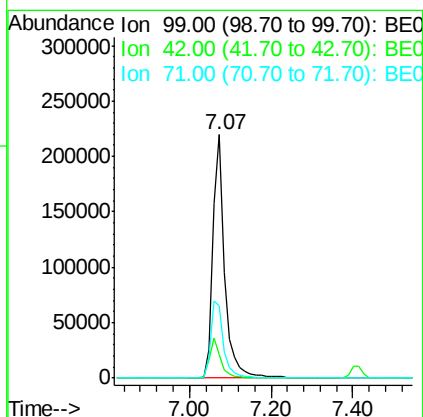
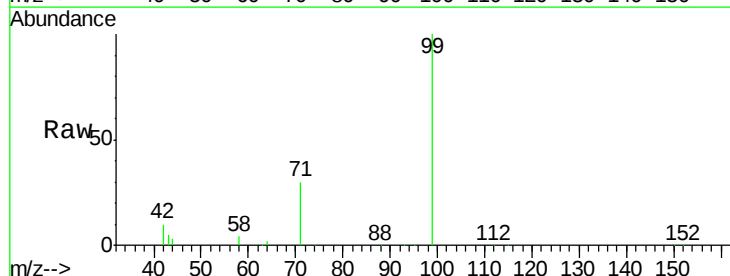
Instrument :
BNA_E
ClientSampled :

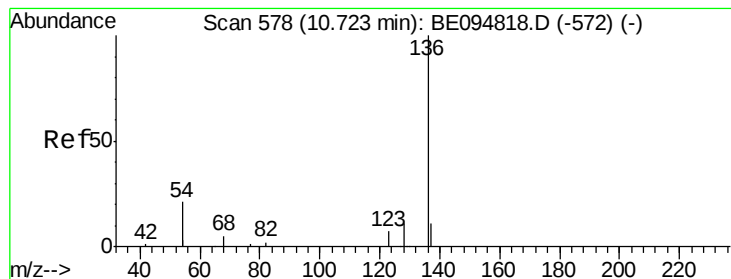
Tgt Ion: 112 Resp: 282212
Ion Ratio Lower Upper
112 100
64 66.5 60.1 90.1
63 133.0 116.8 175.2



#5
Phenol-d6
Concen: 131.479 ng
RT: 7.07 min Scan# 335
Delta R.T. -0.06 min
Lab File: BE094874.D
Acq: 27 Nov 2017 16:06

Tgt Ion: 99 Resp: 444421
Ion Ratio Lower Upper
99 100
42 15.8 20.2 30.2#
71 34.6 28.4 42.6





#7

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 575

Delta R.T. -0.03 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

Tgt Ion: 136 Resp: 191857

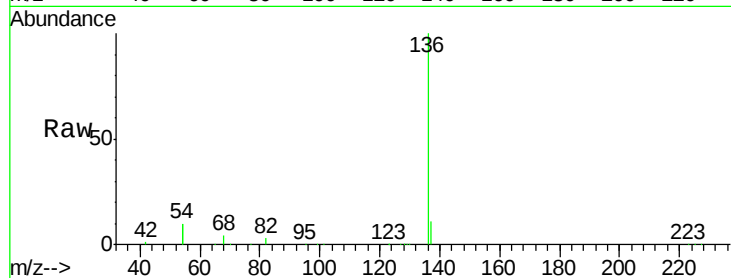
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 19.3 29.1 43.7#

68 4.2 6.2 9.2#

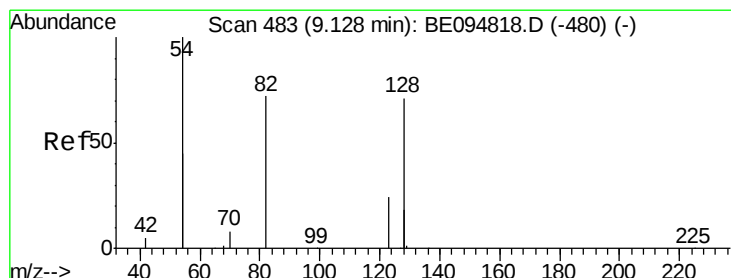
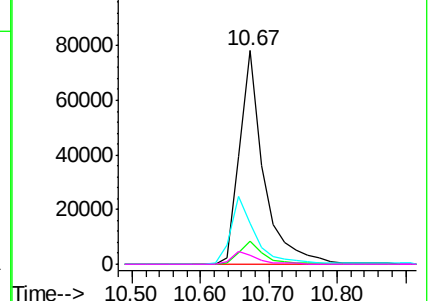
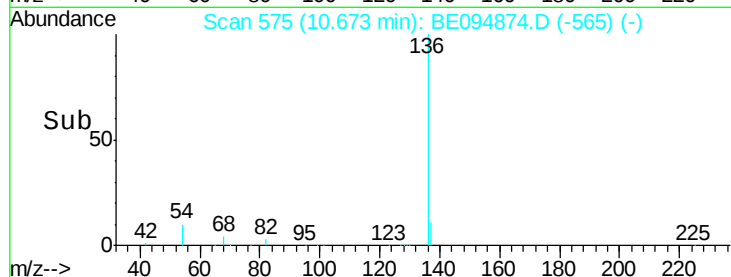


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.230 ng

RT: 9.03 min Scan# 477

Delta R.T. -0.05 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

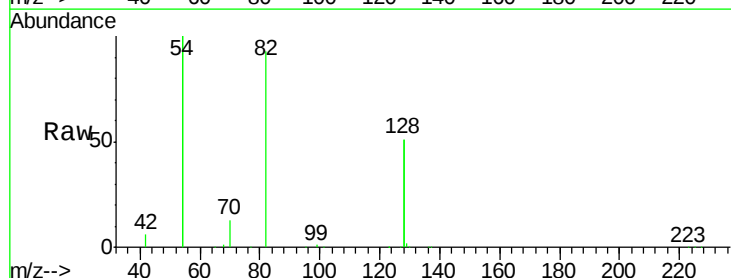
Tgt Ion: 82 Resp: 264162

Ion Ratio Lower Upper

82 100

128 109.7 150.0 225.0#

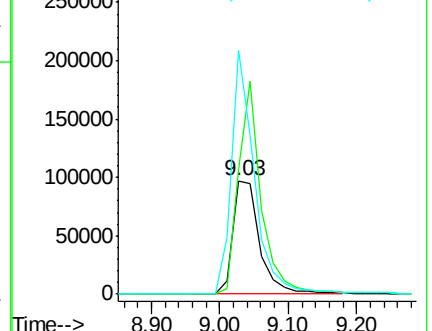
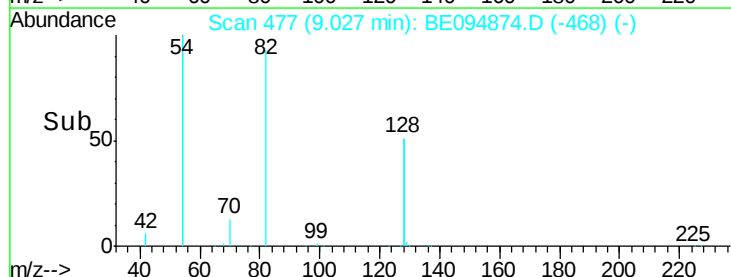
54 214.7 154.2 231.4

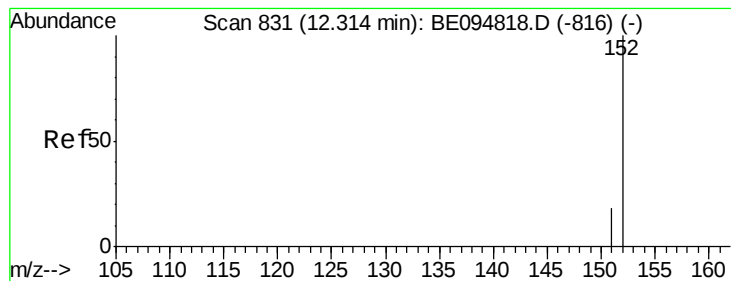


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.26 min Scan# 816

Delta R.T. -0.03 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

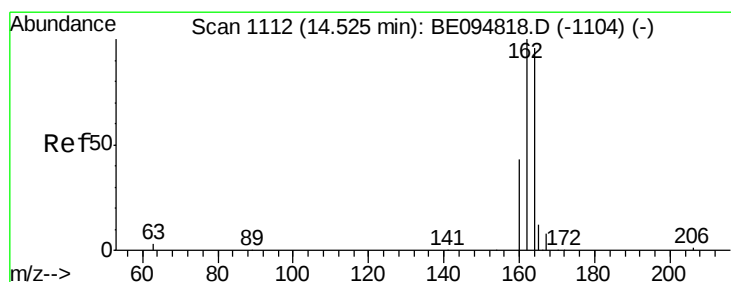
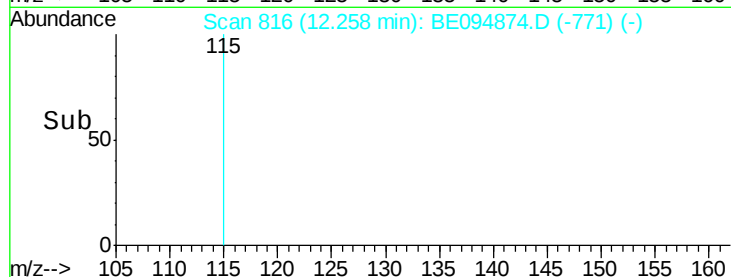
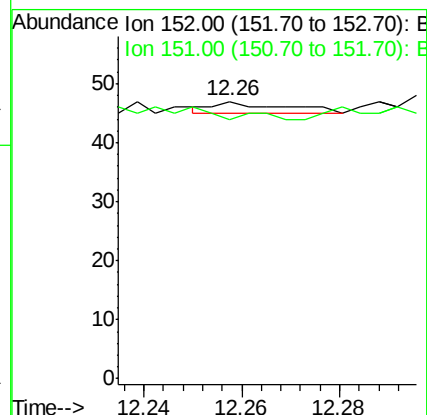
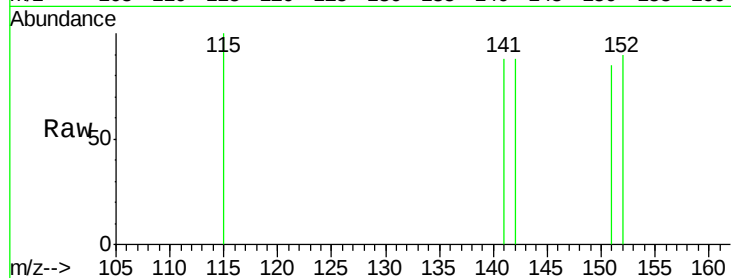
ClientSampled :

Tgt Ion:152 Resp: 2

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.0#



#13

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.50 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

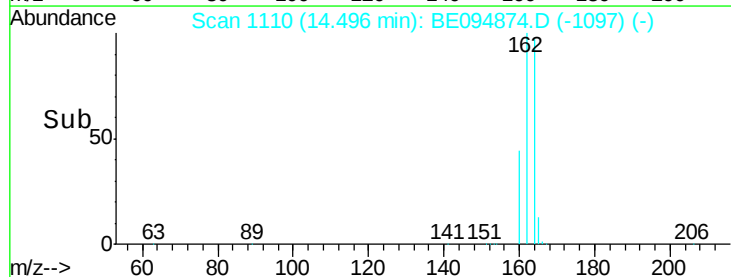
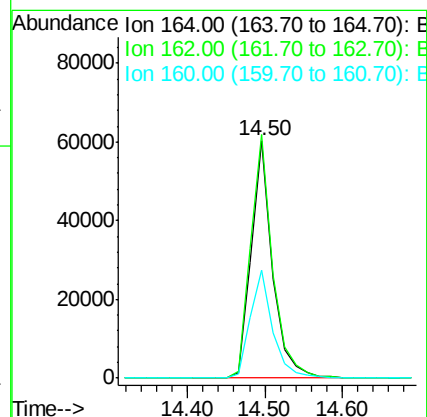
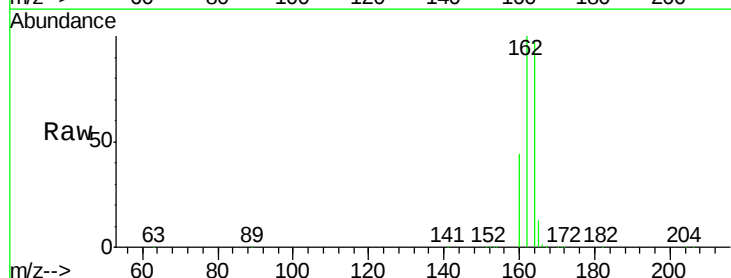
Tgt Ion:164 Resp: 114726

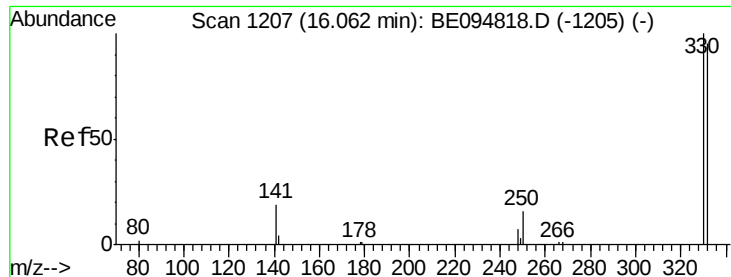
Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

160 45.3 37.1 55.7

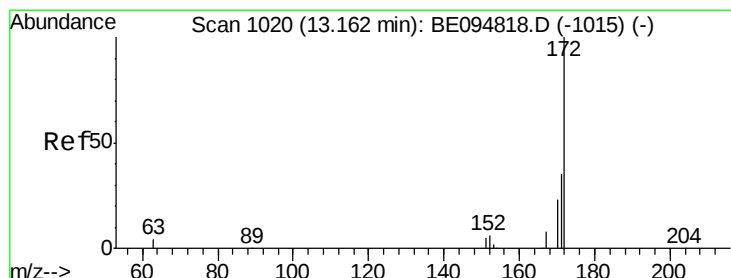
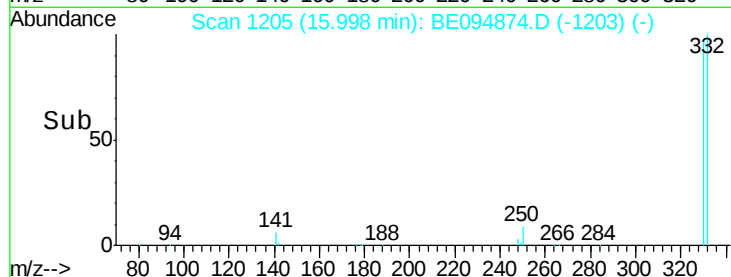
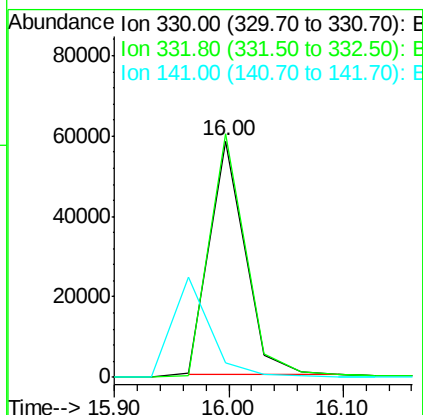
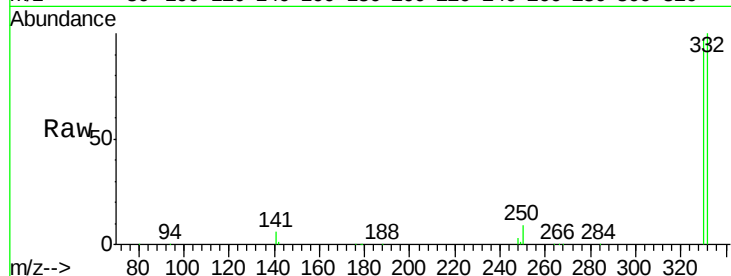




#14
 2,4,6-Tribromophenol
 Concen: 196.169 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE094874.D
 Acq: 27 Nov 2017 16:06

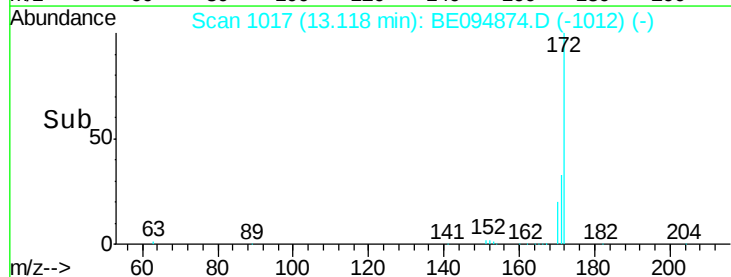
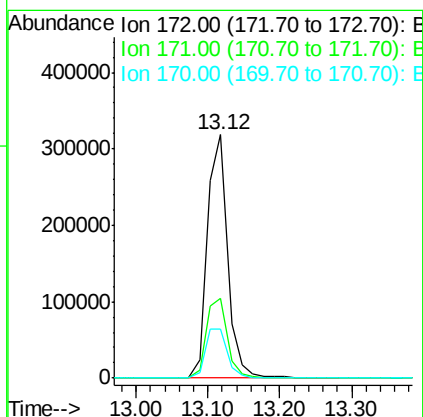
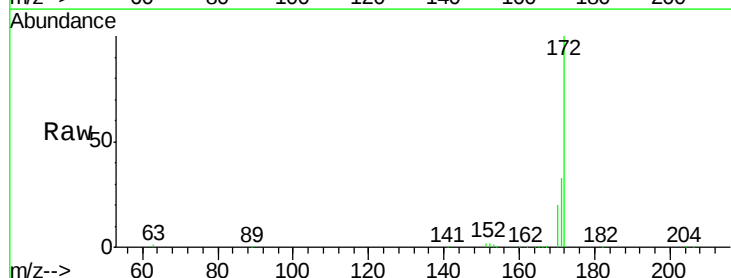
Instrument :
 BNA_E
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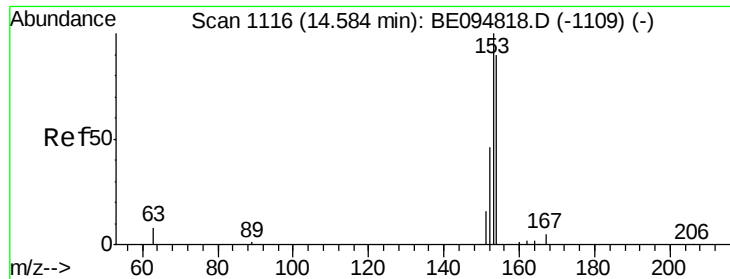
Tgt Ion:330 Resp: 124157
 Ion Ratio Lower Upper
 330 100
 332 104.3 152.7 229.1#
 141 0.0 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 77.218 ng
 RT: 13.12 min Scan# 1017
 Delta R.T. -0.03 min
 Lab File: BE094874.D
 Acq: 27 Nov 2017 16:06

Tgt Ion:172 Resp: 624441
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.9 44.9
 170 20.0 21.8 32.8#

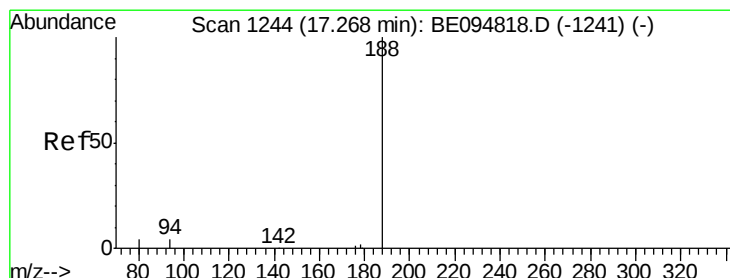
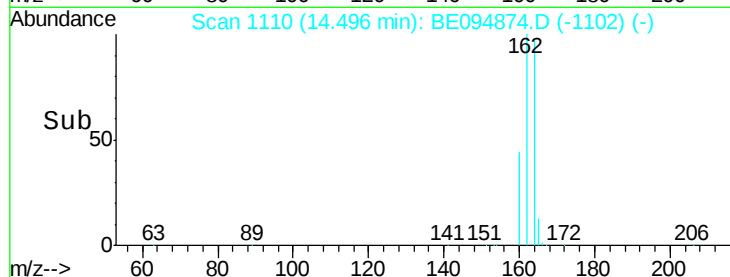
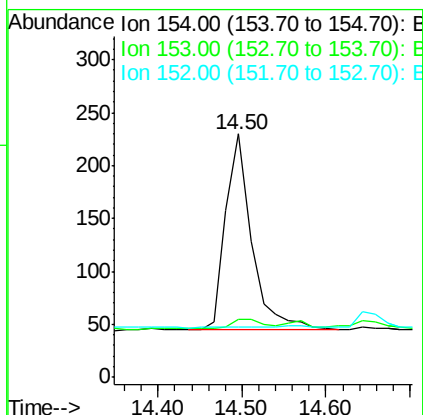
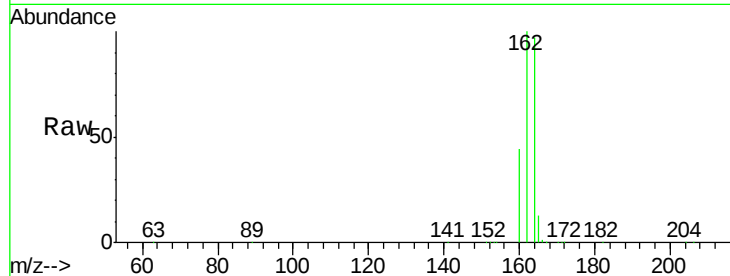




#17
Acenaphthene
Concen: 0.051 ng
RT: 14.50 min Scan# 1110
Delta R.T. -0.09 min
Lab File: BE094874.D
Acq: 27 Nov 2017 16:06

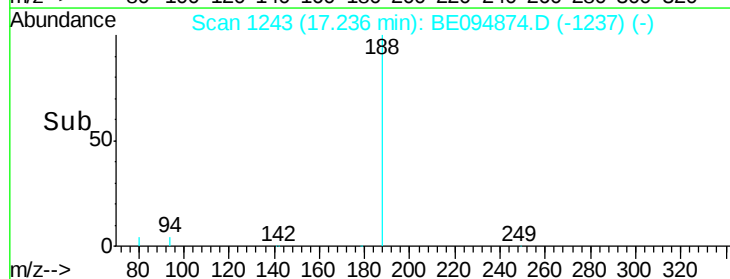
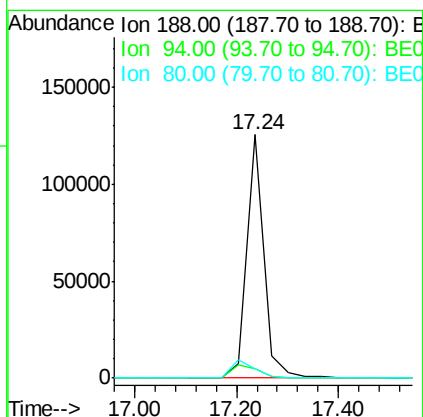
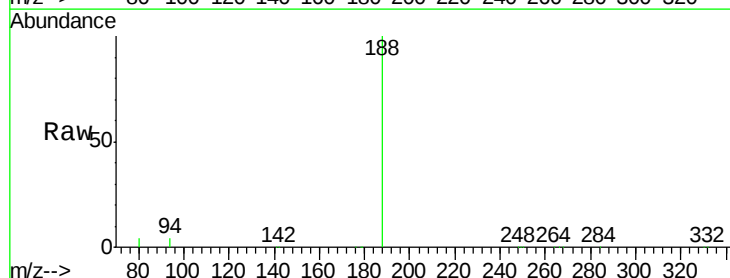
Instrument :
BNA_E
ClientSampleId :

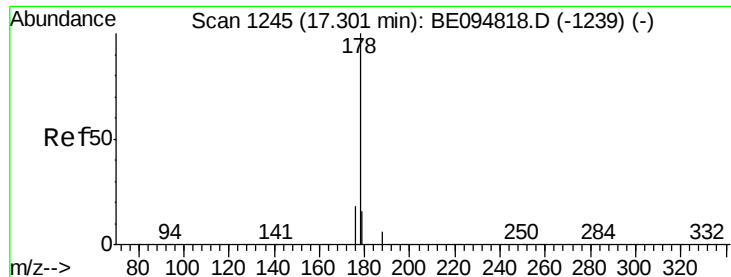
Tgt Ion:154 Resp: 396
Ion Ratio Lower Upper
154 100
153 6.1 89.2 133.8#
152 2.0 42.0 63.0#



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094874.D
Acq: 27 Nov 2017 16:06

Tgt Ion:188 Resp: 291996
Ion Ratio Lower Upper
188 100
94 3.9 3.9 5.9
80 3.9 3.6 5.4





#23

Phenanthrene

Concen: Below Cal

RT: 17.24 min Scan# 1243

Delta R.T. -0.06 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

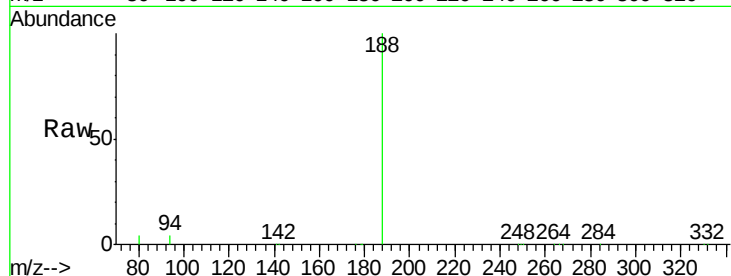
Tgt Ion:178 Resp: 153

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

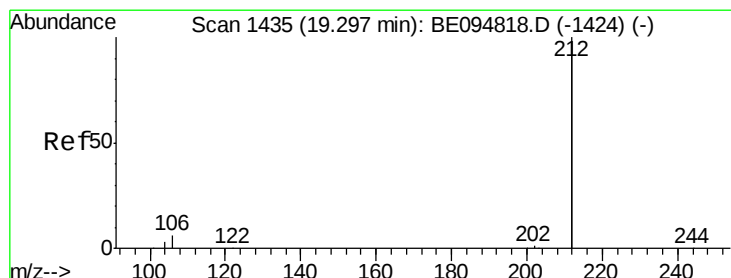
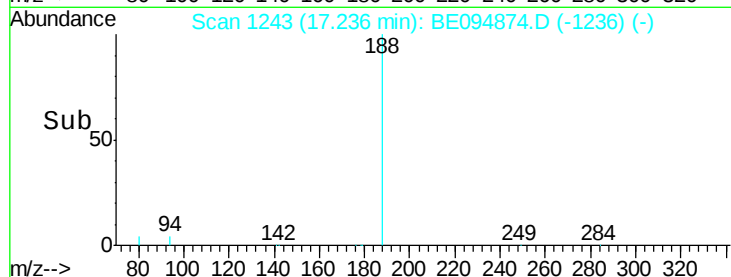
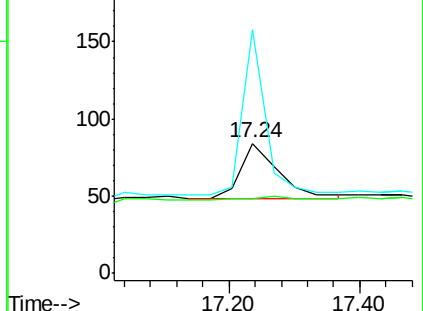
179 169.9 11.8 17.6#



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



#25

Fluoranthene-d10

Concen: -50.000 ng

RT: 19.25 min Scan# 1429

Delta R.T. -0.03 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

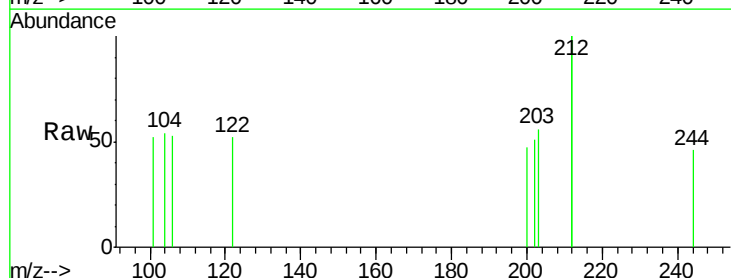
Tgt Ion:212 Resp: 16

Ion Ratio Lower Upper

212 100

106 25.0 2.8 4.2#

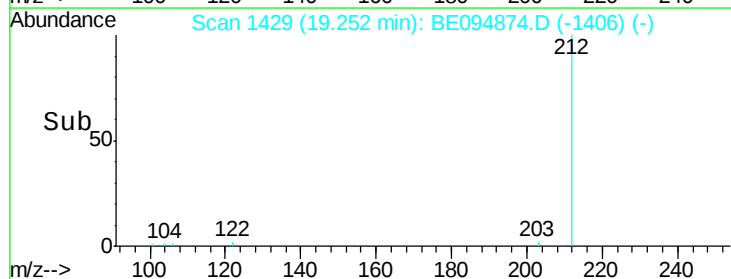
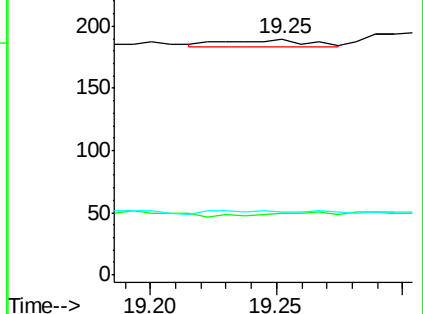
104 0.0 1.6 2.4#

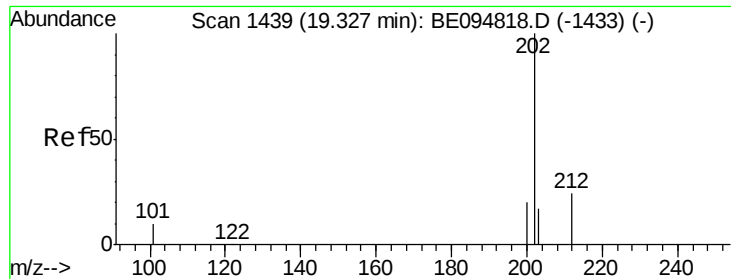


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

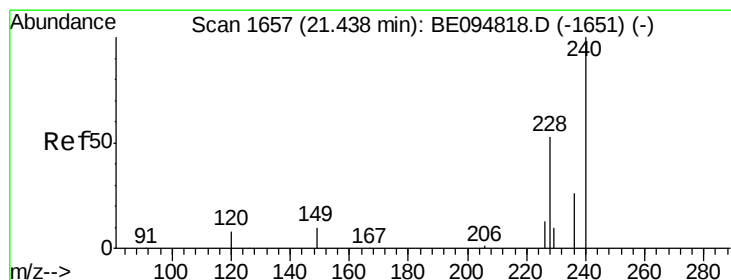
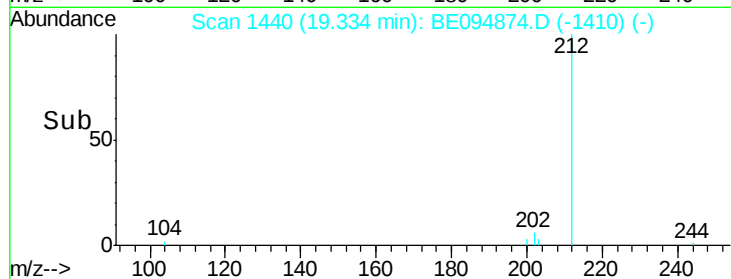
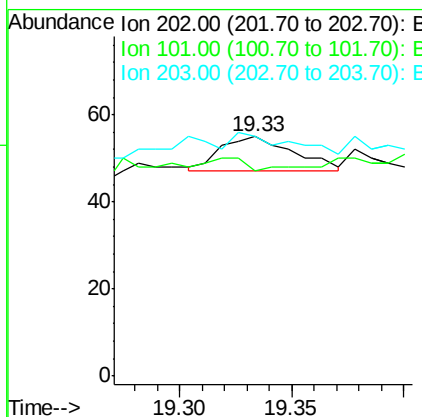
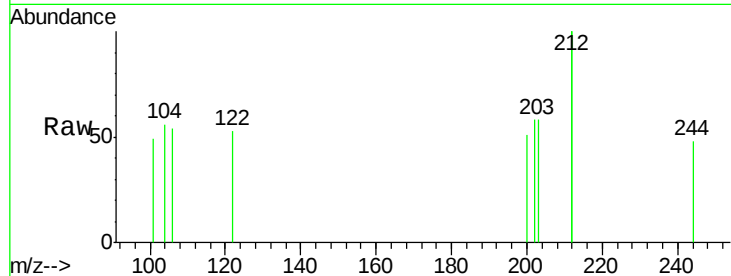




#26
Fluoranthene
Concen: Below Cal
RT: 19.33 min Scan# 1440
Delta R.T. 0.02 min
Lab File: BE094874.D
Acq: 27 Nov 2017 16:06

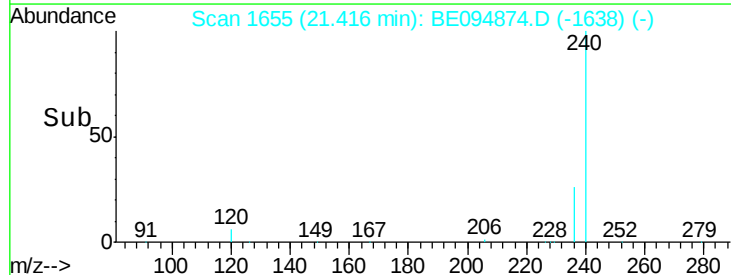
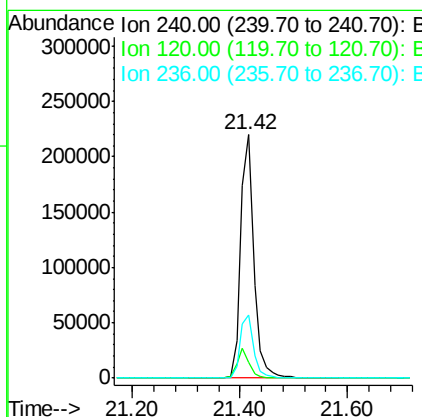
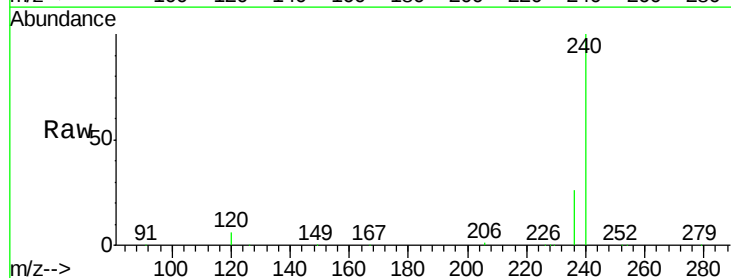
Instrument :
BNA_E
ClientSampleId :

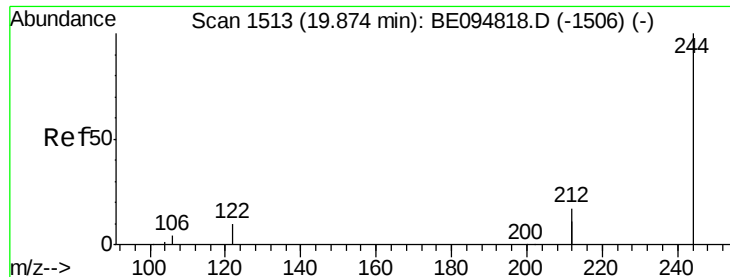
Tgt Ion: 202 Resp: 18
Ion Ratio Lower Upper
202 100
101 11.1 9.8 14.8
203 44.4 13.7 20.5#



#27
Chrysene-d12
Concen: 20.000 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE094874.D
Acq: 27 Nov 2017 16:06

Tgt Ion: 240 Resp: 372084
Ion Ratio Lower Upper
240 100
120 6.4 5.5 8.3
236 26.1 20.7 31.1





#29

Terphenyl-d14

Concen: 80.095 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.02 min

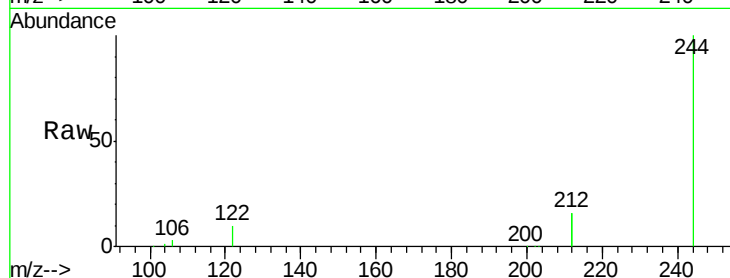
Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampled :



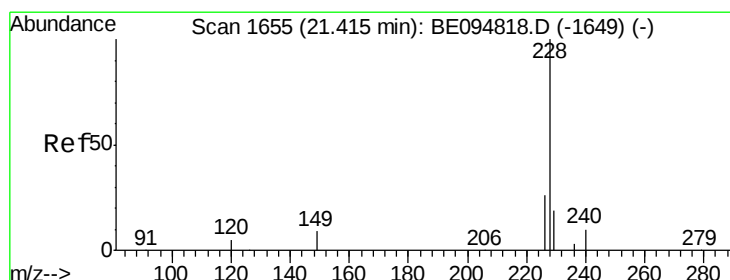
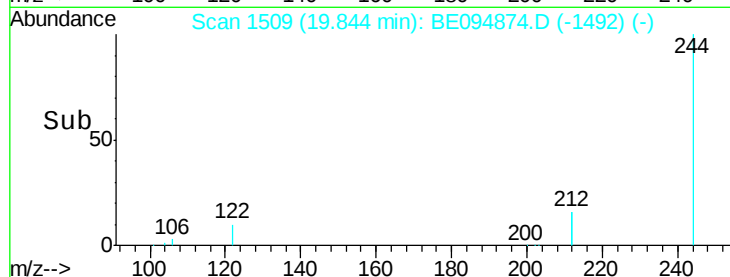
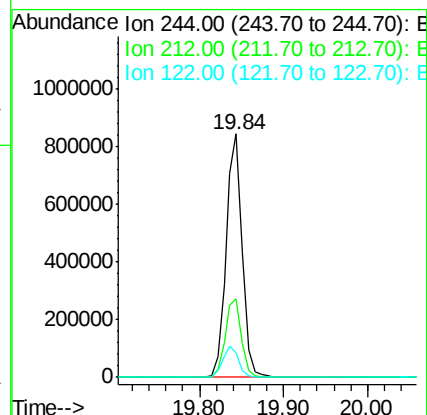
Tgt Ion:244 Resp: 1123871

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

122 10.0 8.1 12.1



#30

Benzo(a)anthracene

Concen: 0.044 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

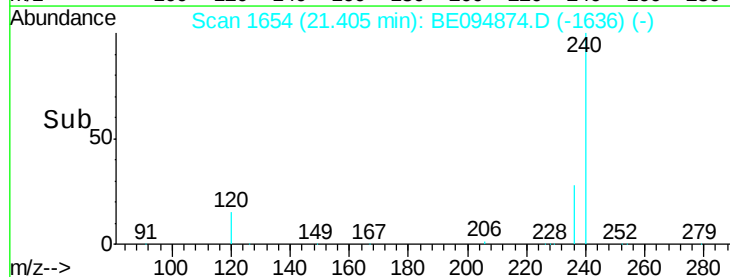
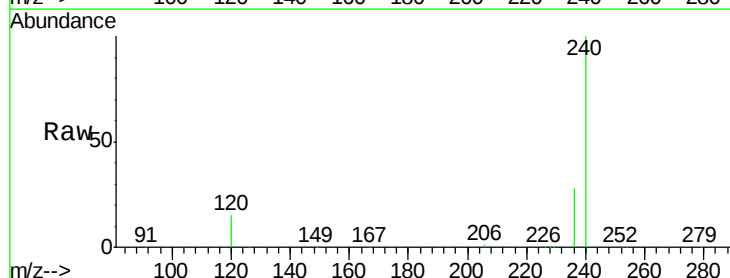
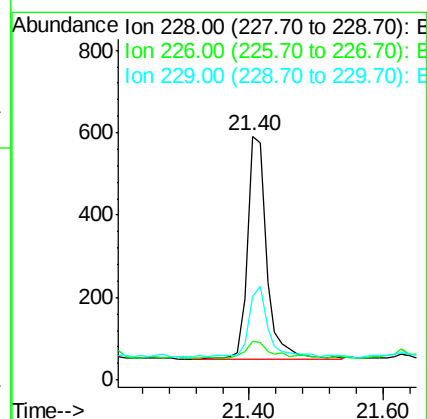
Tgt Ion:228 Resp: 1064

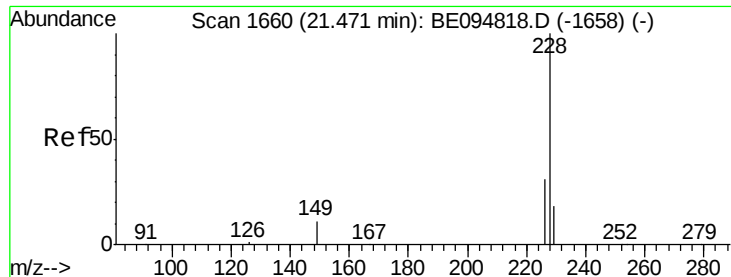
Ion Ratio Lower Upper

228 100

226 16.1 40.0 60.0#

229 34.3 40.0 60.0#





#31

Chrysene

Concen: 0.043 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.05 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

Instrument :

BNA_E

ClientSampleId :

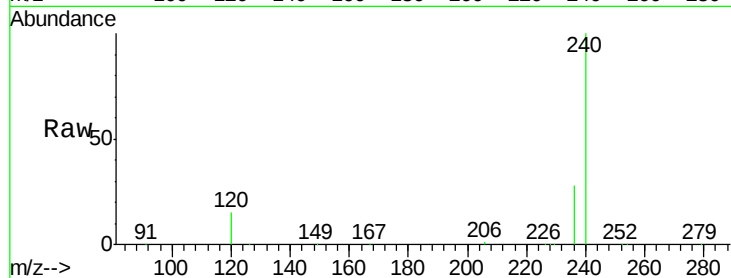
Tgt Ion: 228 Resp: 1064

Ion Ratio Lower Upper

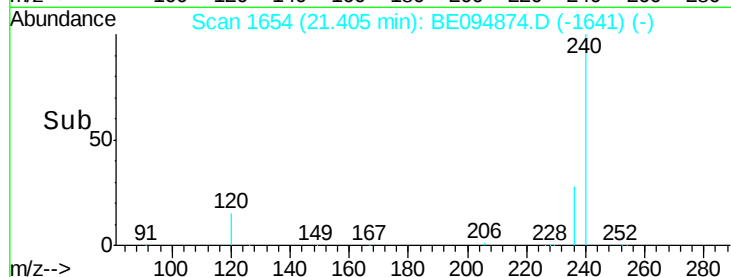
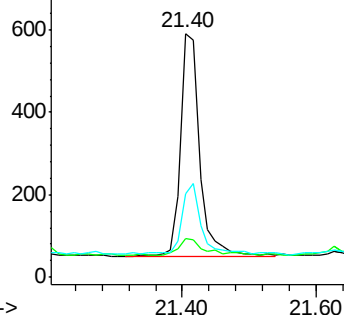
228 100

226 16.1 40.0 60.0#

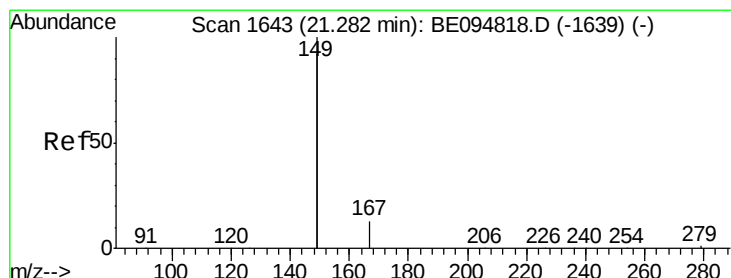
229 34.3 40.0 60.0#



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: 0.028 ng

RT: 21.27 min Scan# 1642

Delta R.T. -0.02 min

Lab File: BE094874.D

Acq: 27 Nov 2017 16:06

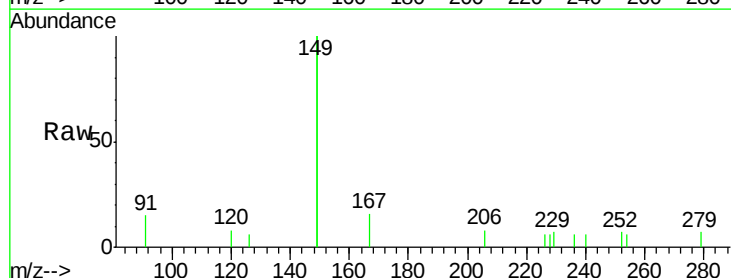
Tgt Ion: 149 Resp: 1685

Ion Ratio Lower Upper

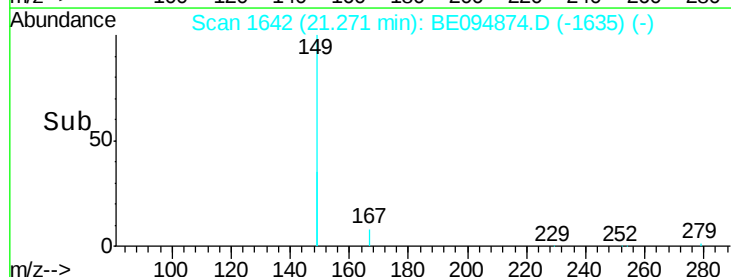
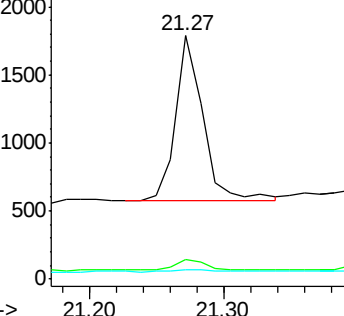
149 100

167 7.7 5.4 8.0

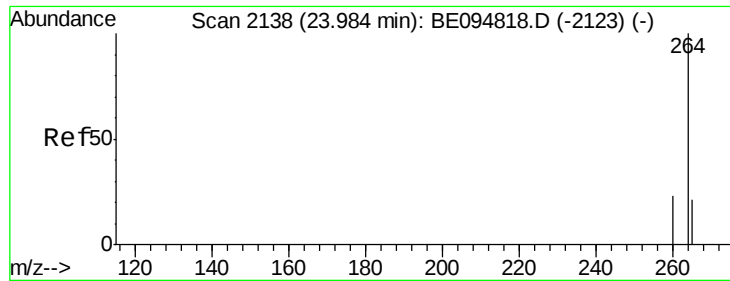
279 2.0 0.7 1.1#



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



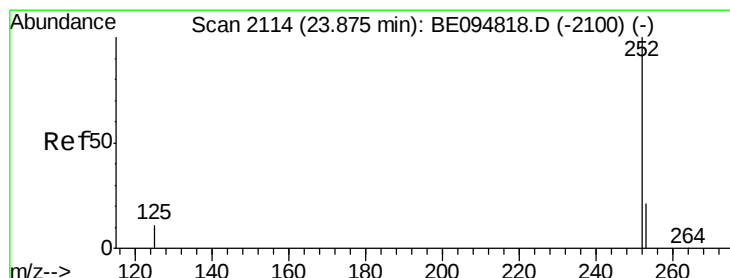
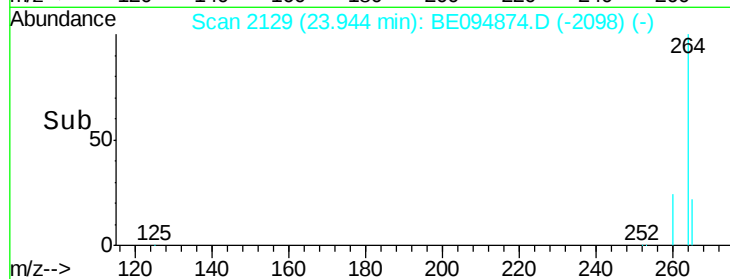
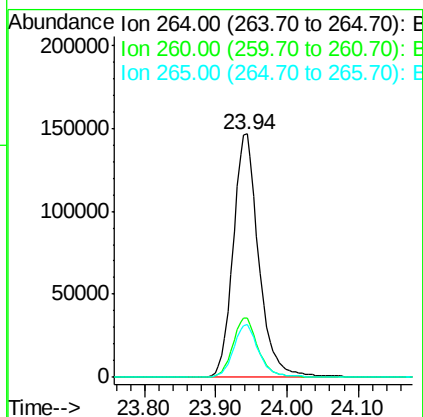
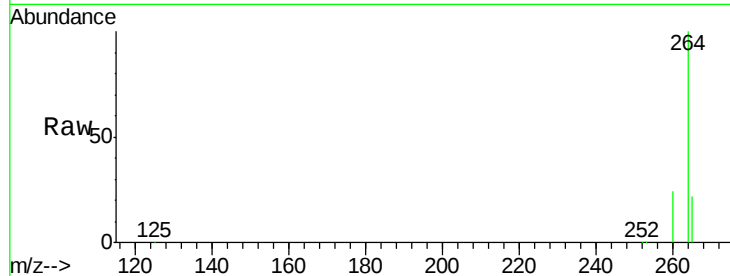
Time-->



#34
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BE094874.D
 Acq: 27 Nov 2017 16:06

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion: 264 Resp: 365187
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.5 30.7
 265 21.6 22.8 34.2#



#37
 Benzo(a)pyrene
 Concen: 0.057 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. 0.10 min
 Lab File: BE094874.D
 Acq: 27 Nov 2017 16:06

Tgt Ion: 252 Resp: 1313
 Ion Ratio Lower Upper
 252 100
 253 41.0 52.0 78.0#
 125 30.9 68.0 102.0#

