

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
 Data File : BE100089.D
 Acq On : 19 Jun 2019 19:14
 Operator : JU/SJ
 Sample : K3309-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611

Quant Time: Jun 20 03:50:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	757	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2562	0.40	ng	-0.01
13) Acenaphthene-d10	14.41	164	2192	0.40	ng	0.00
19) Phenanthrene-d10	17.15	188	7038	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10898	0.40	ng	0.00
34) Perylene-d12	23.84	264	12434	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	275	0.18	ng	0.00
5) Phenol-d6	6.90	99	208	0.10	ng	-0.03
8) Nitrobenzene-d5	8.90	82	1024	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	1564	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	661	0.55	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3598	0.42	ng	-0.01
25) Fluoranthene-d10	19.20	212	34576	0.34	ng	0.00
29) Terphenyl-d14	19.79	244	10718	0.49	ng	-0.01

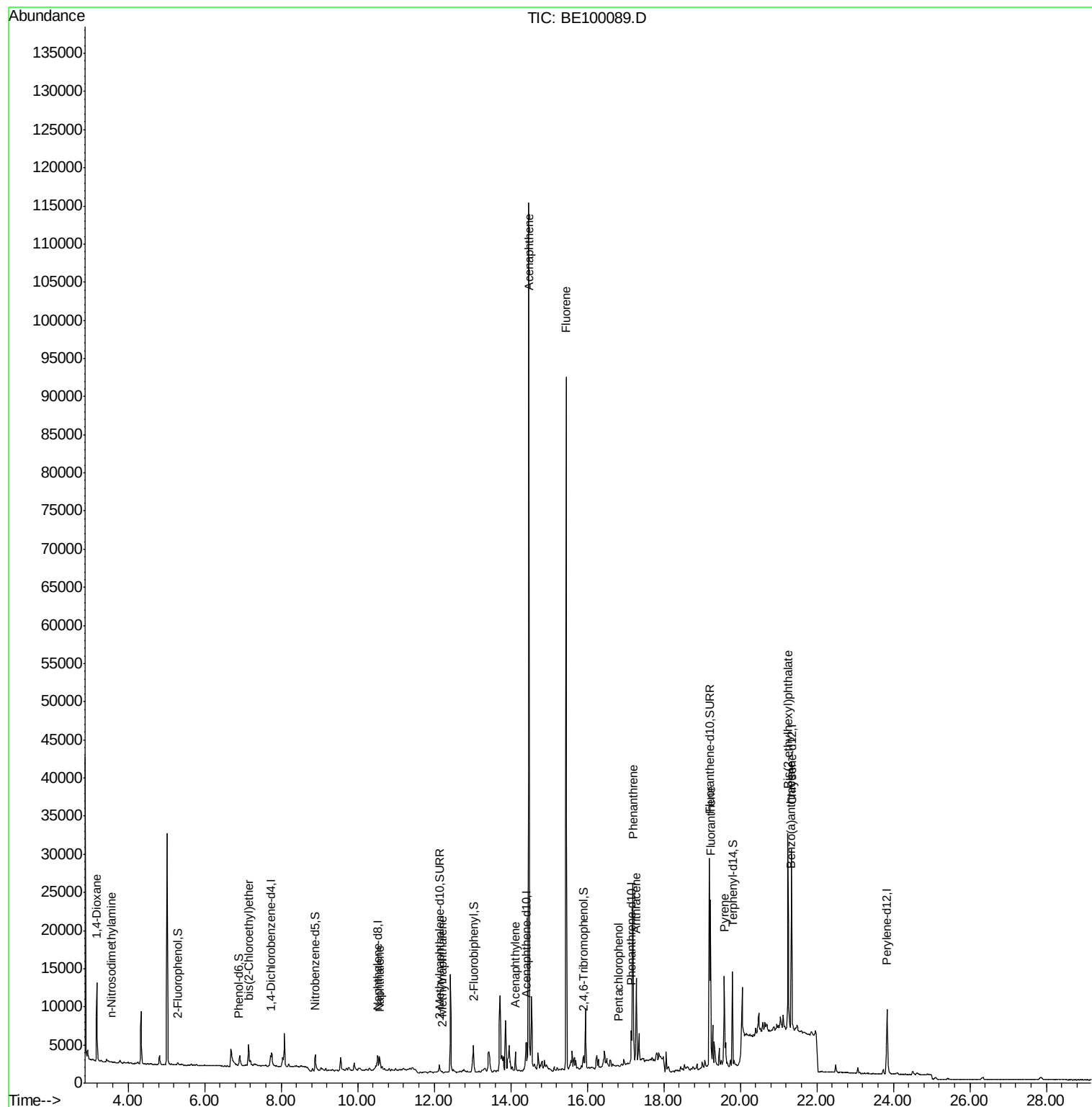
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	7476	6.155	ng	91
3) n-Nitrosodimethylamine	3.57	42	10	0.354	ng	# 100
6) bis(2-Chloroethyl)ether	7.15	93	1470	0.694	ng	96
9) Naphthalene	10.57	128	2639	0.095	ng	# 89
12) 2-Methylnaphthalene	12.21	142	103	0.022	ng	# 52
16) Acenaphthylene	14.12	152	463	0.044	ng	# 43
17) Acenaphthene	14.47	154	53079	9.123	ng	94
18) Fluorene	15.45	166	59551	6.873	ng	99
22) Pentachlorophenol	16.81	266	21	0.256	ng	92
23) Phenanthrene	17.20	178	30283	1.796	ng	99
24) Anthracene	17.28	178	12640	0.889	ng	# 92
26) Fluoranthene	19.22	202	19658	0.726	ng	# 98
28) Pyrene	19.59	202	11620	0.415	ng	# 91
30) Benzo(a)anthracene	21.33	228	956	0.029	ng	# 36
32) Bis(2-ethylhexyl)phthalate	21.25	149	31037	1.015	ng	99

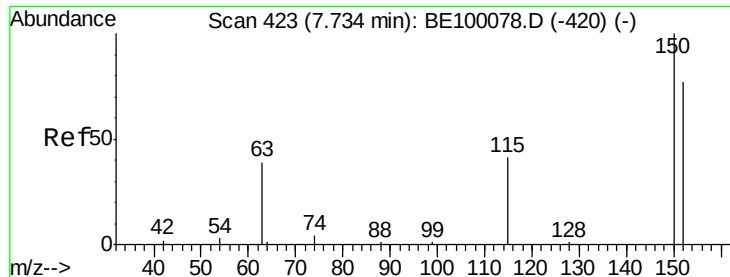
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
Data File : BE100089.D
Acq On : 19 Jun 2019 19:14
Operator : JU/SJ
Sample : K3309-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611

Quant Time: Jun 20 03:50:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



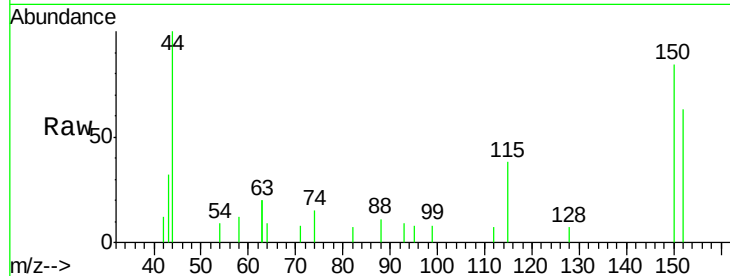


#1

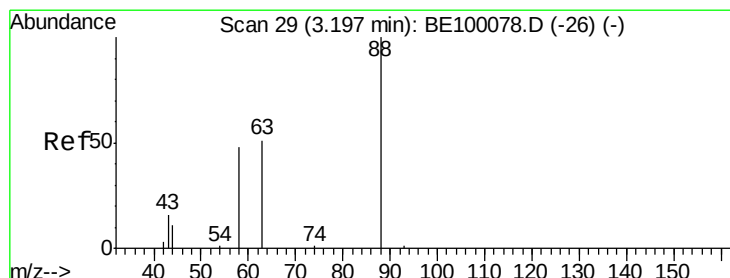
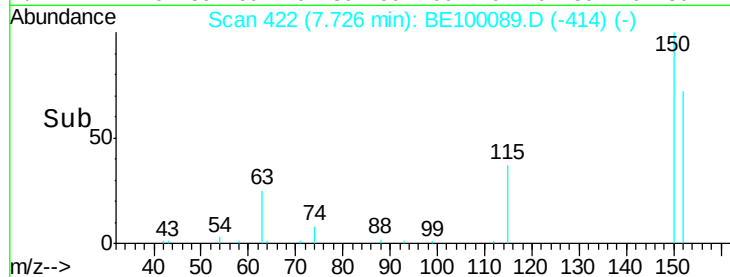
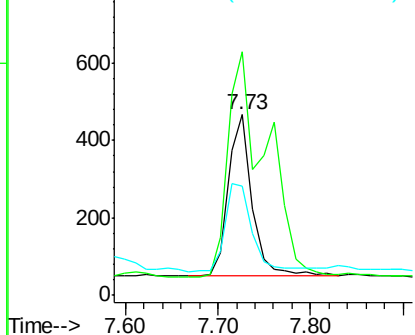
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100089.D
Acq: 19 Jun 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611

Tgt Ion:152 Resp: 757
Ion Ratio Lower Upper
152 100
150 134.7 99.8 149.8
115 60.6 51.3 76.9



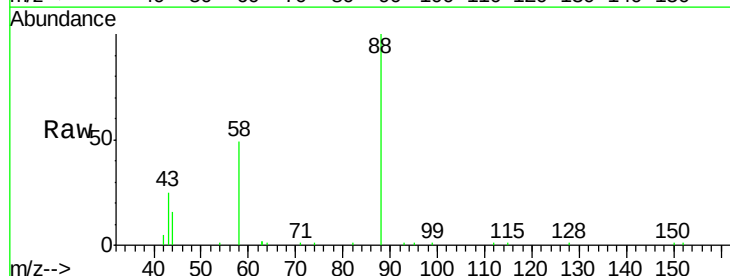
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



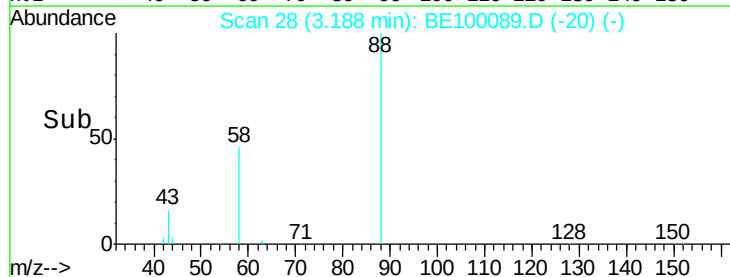
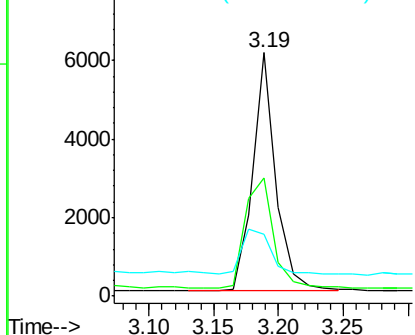
#2

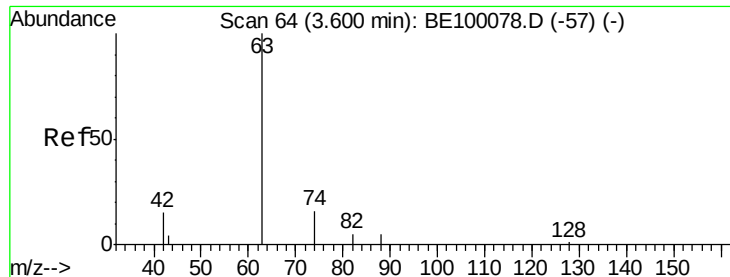
1,4-Dioxane
Concen: 6.155 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100089.D
Acq: 19 Jun 2019 19:14

Tgt Ion: 88 Resp: 7476
Ion Ratio Lower Upper
88 100
58 56.0 51.1 76.7
43 22.9 21.7 32.5



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.354 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

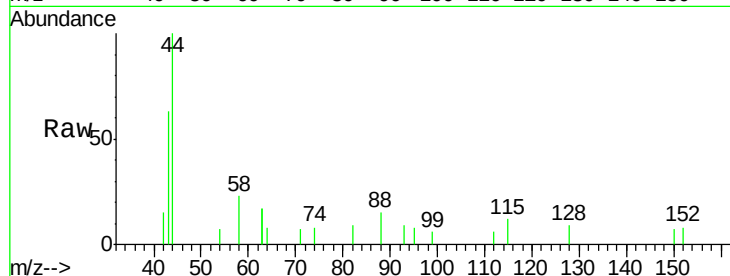
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

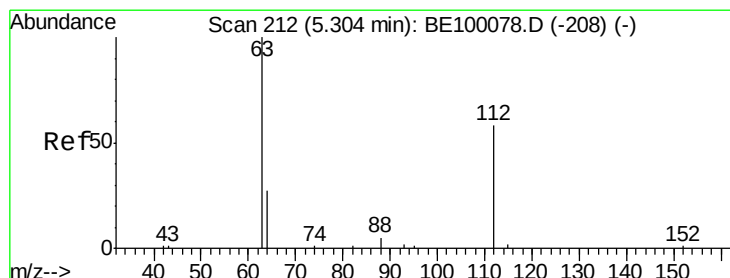
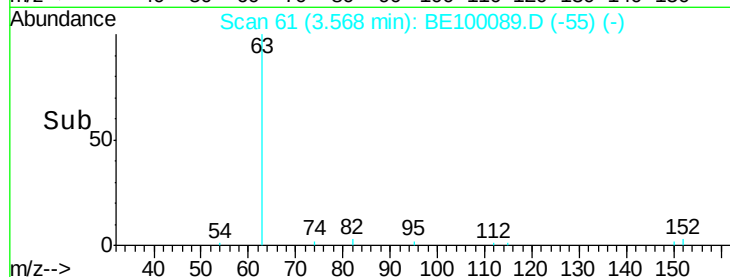
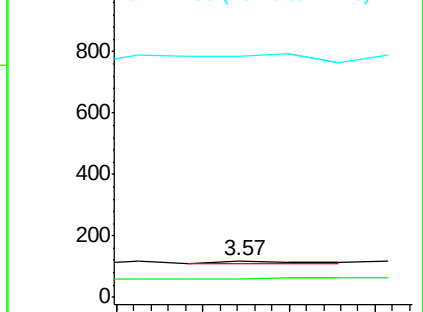
42 100

74 120.0 0.0 0.0#

44 320.0 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

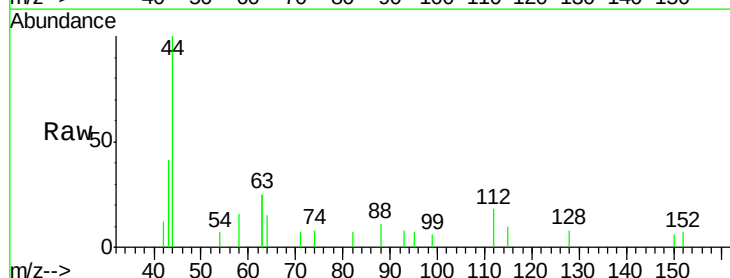
Tgt Ion: 112 Resp: 275

Ion Ratio Lower Upper

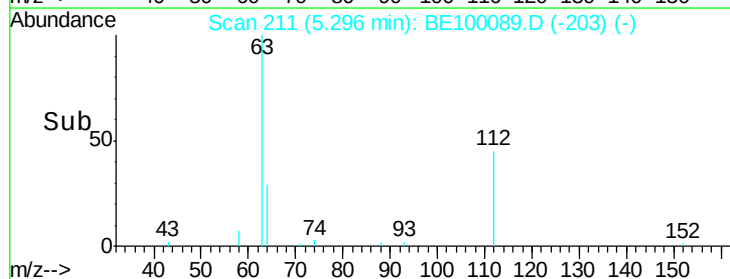
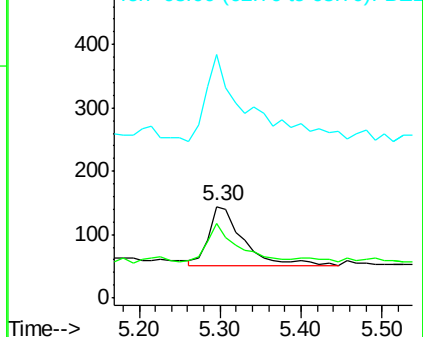
112 100

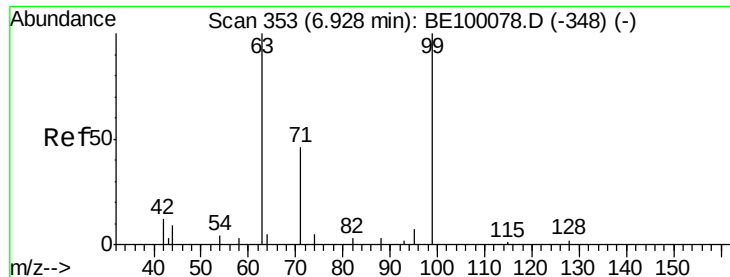
64 54.9 22.0 33.0#

63 168.7 121.8 182.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.096 ng

RT: 6.90 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

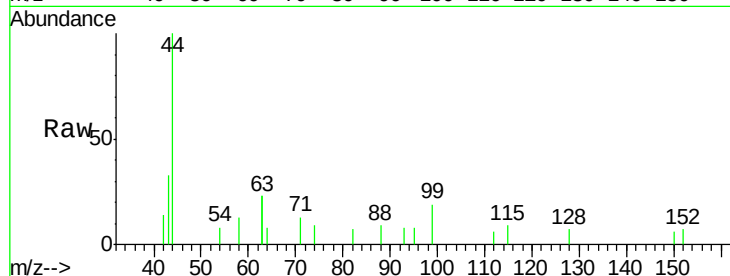
Tgt Ion: 99 Resp: 208

Ion Ratio Lower Upper

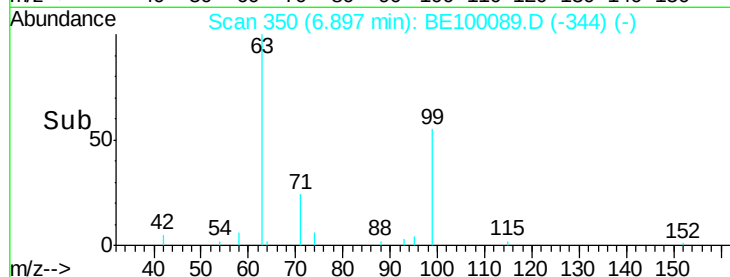
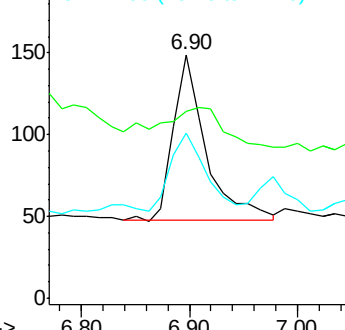
99 100

42 41.3 0.0 0.0#

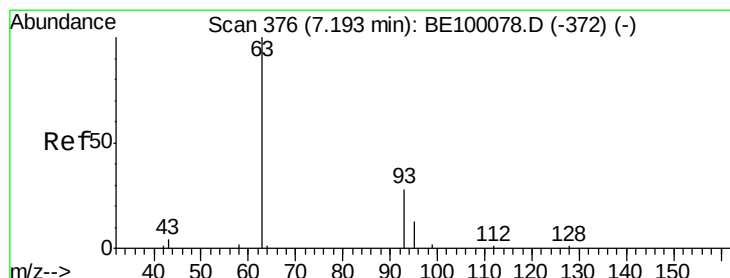
71 51.9 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.694 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.04 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

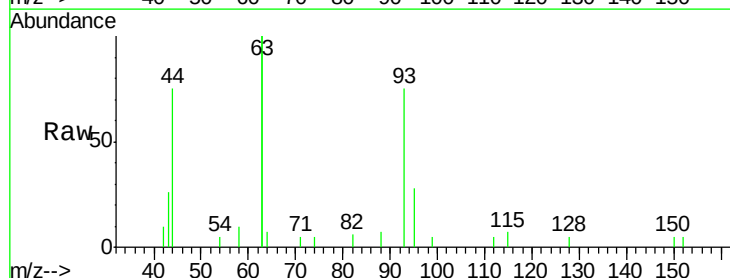
Tgt Ion: 93 Resp: 1470

Ion Ratio Lower Upper

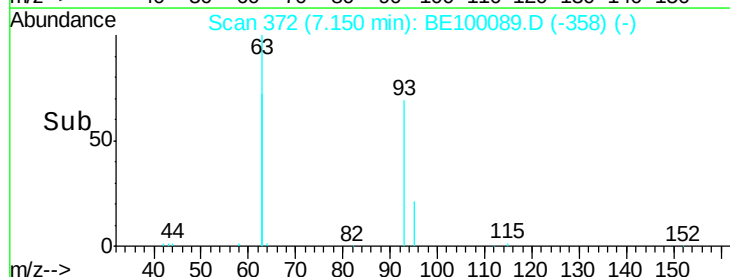
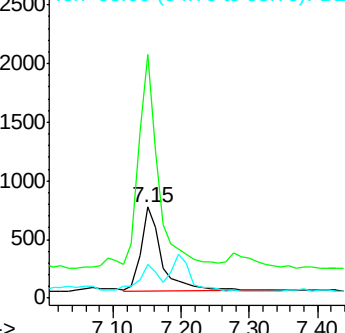
93 100

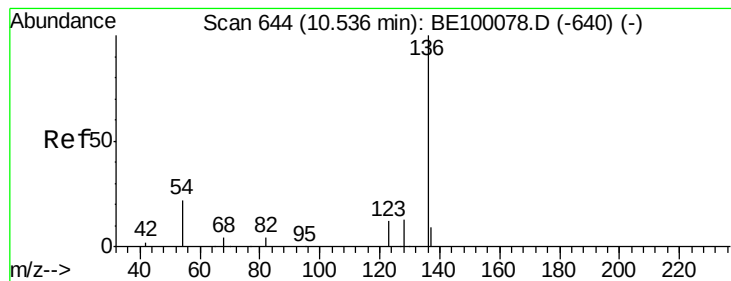
63 256.9 200.0 300.0

95 30.3 24.0 36.0



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

Tgt Ion: 136 Resp: 2562

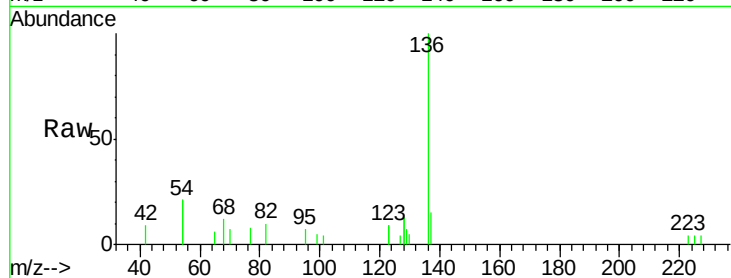
Ion Ratio Lower Upper

136 100

137 15.1 11.6 17.4

54 41.9 33.9 50.9

68 11.6 7.8 11.8

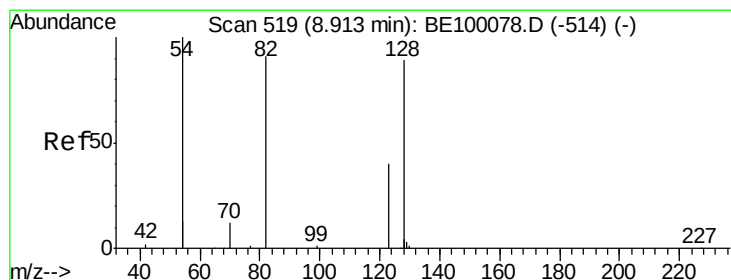
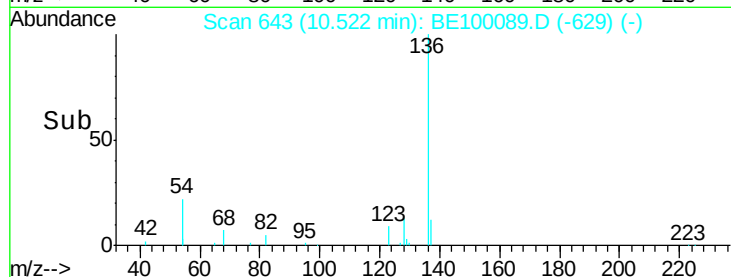
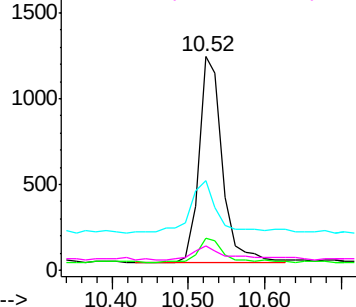


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.412 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

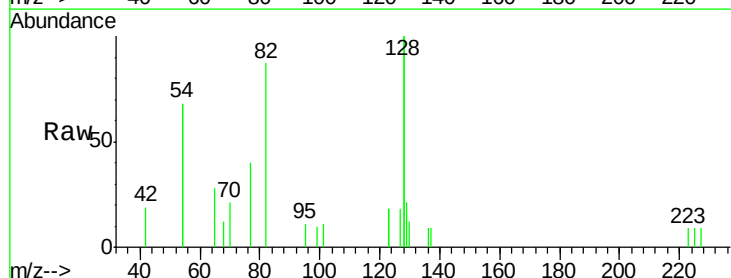
Tgt Ion: 82 Resp: 1024

Ion Ratio Lower Upper

82 100

128 229.0 128.0 192.0#

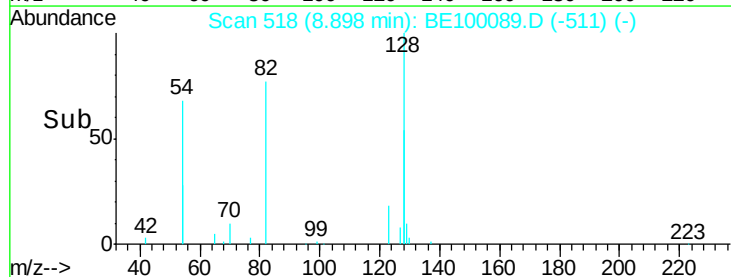
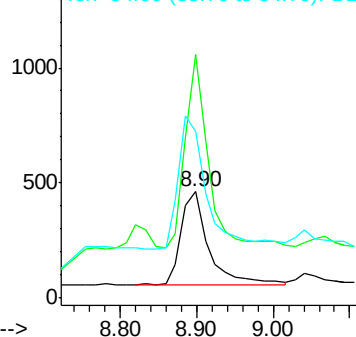
54 156.7 143.4 215.0

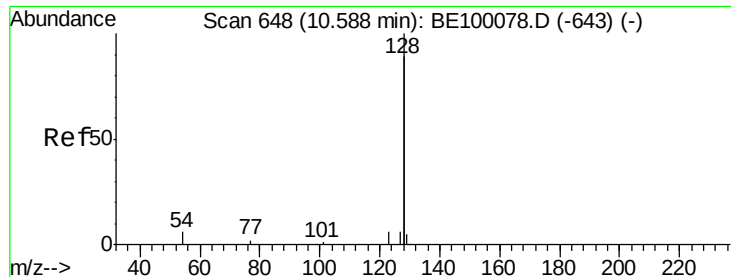


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

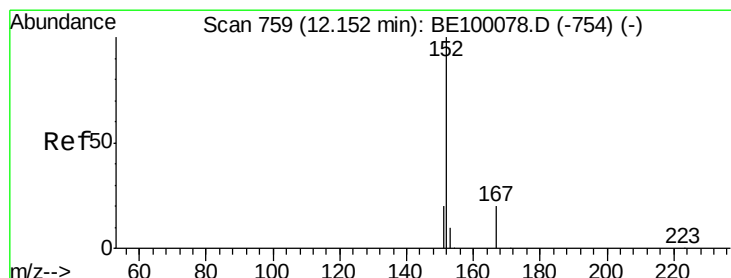
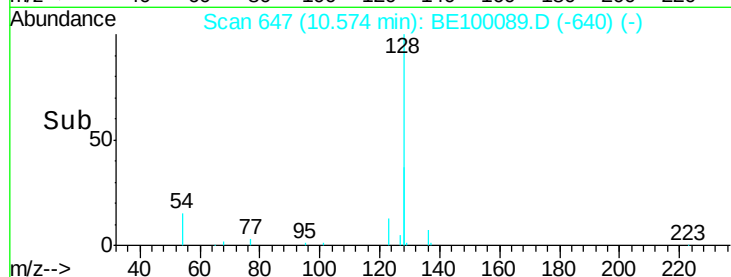
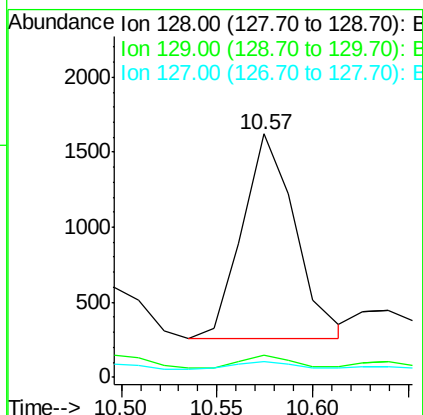
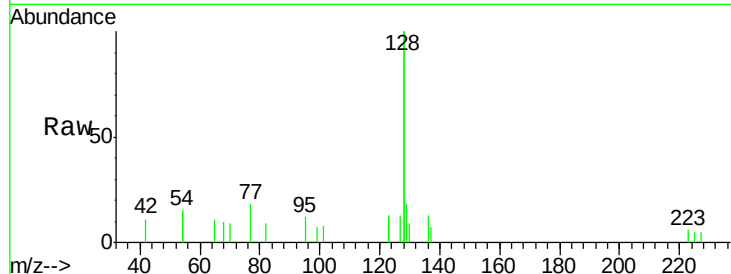




#9
Naphthalene
Concen: 0.095 ng
RT: 10.57 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100089.D
Acq: 19 Jun 2019 19:14

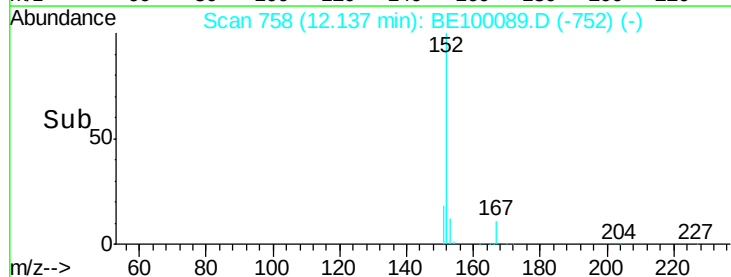
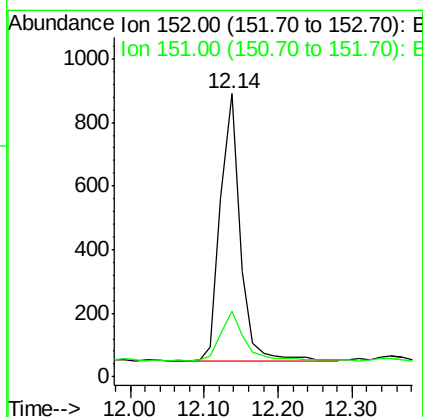
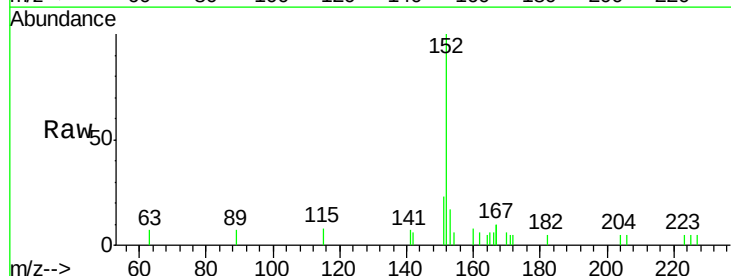
Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611

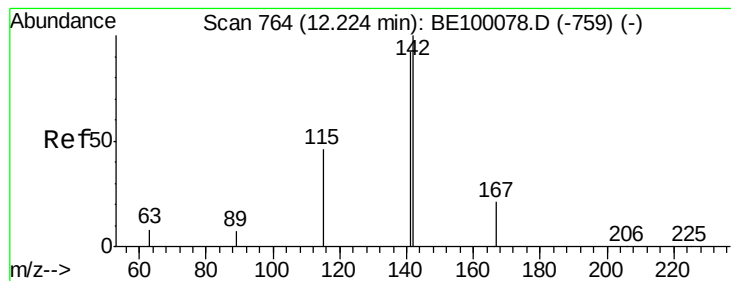
Tgt Ion:128 Resp: 2639
Ion Ratio Lower Upper
128 100
129 9.0 3.1 4.7#
127 6.6 3.4 5.2#



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100089.D
Acq: 19 Jun 2019 19:14

Tgt Ion:152 Resp: 1564
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5





#12

2-Methylnaphthalene

Concen: 0.022 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

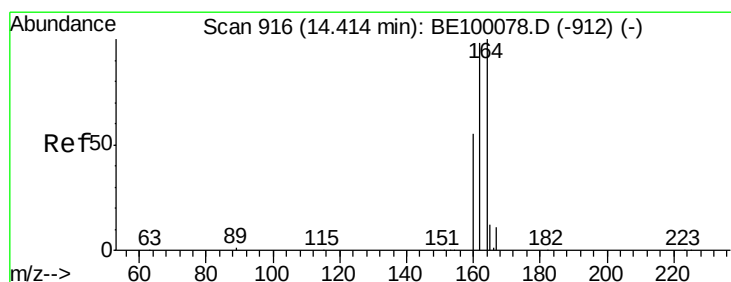
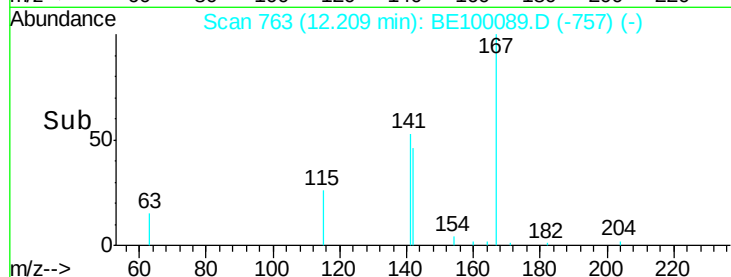
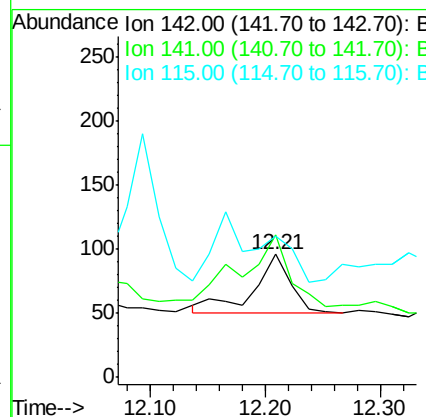
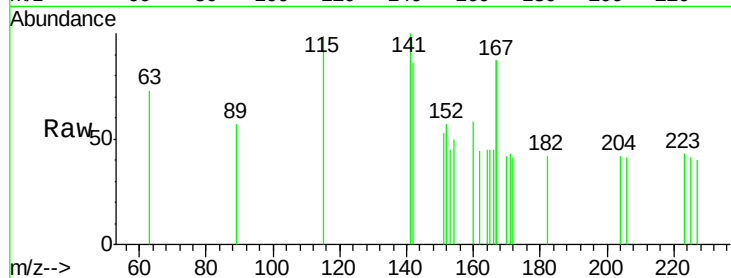
Tgt Ion:142 Resp: 103

Ion Ratio Lower Upper

142 100

141 115.6 74.1 111.1#

115 114.6 40.9 61.3#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

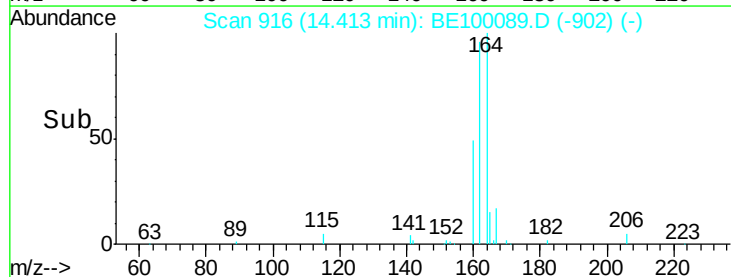
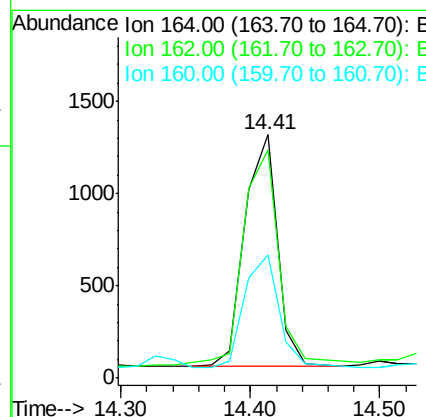
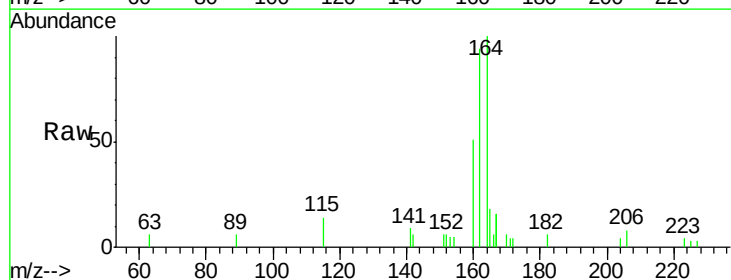
Tgt Ion:164 Resp: 2192

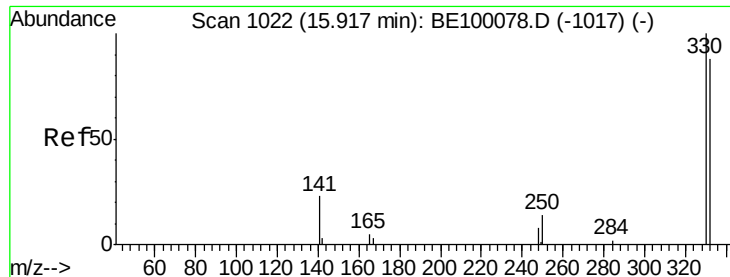
Ion Ratio Lower Upper

164 100

162 93.9 78.2 117.2

160 50.6 45.6 68.4

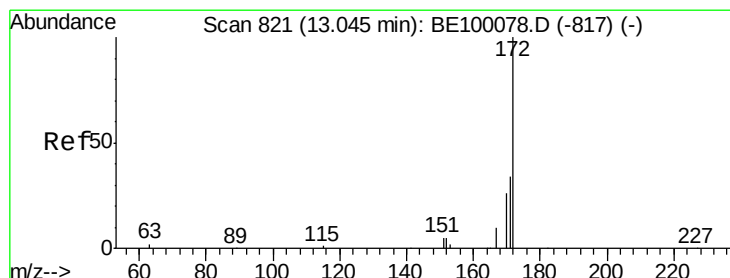
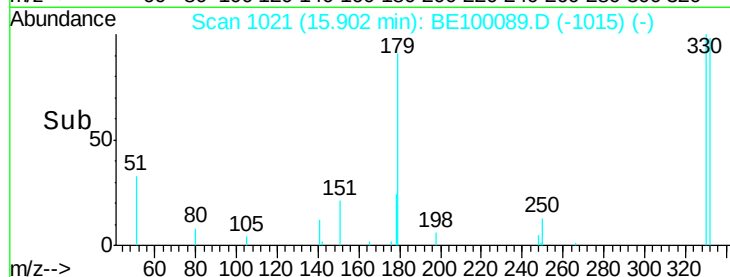
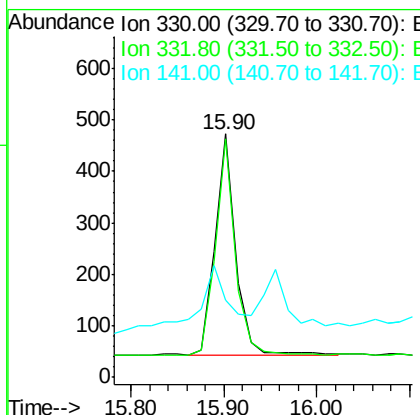
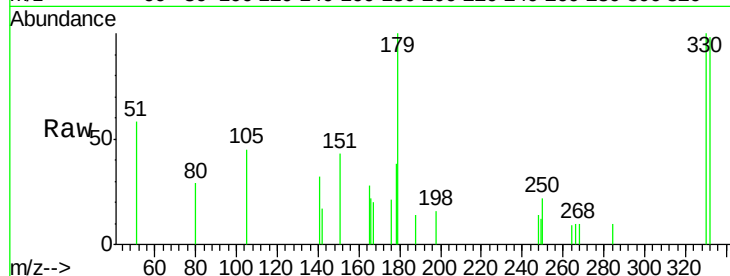




#14
 2,4,6-Tribromophenol
 Concen: 0.546 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100089.D
 Acq: 19 Jun 2019 19:14

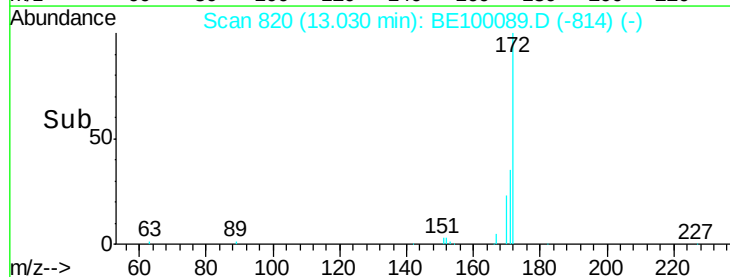
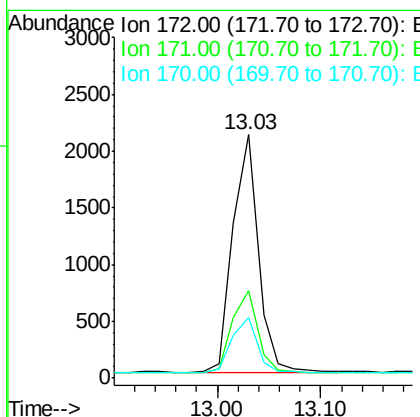
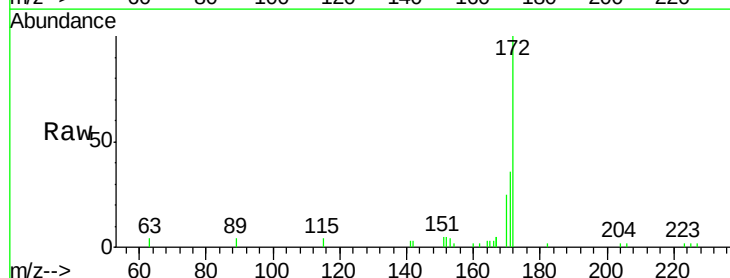
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611

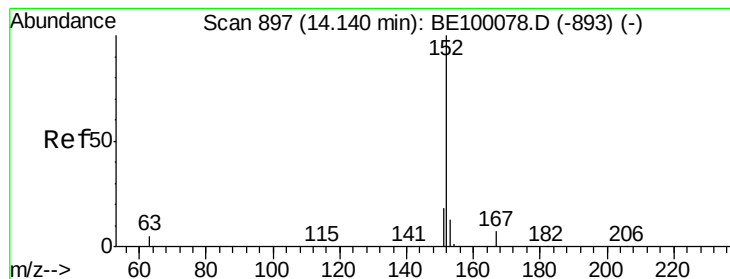
Tgt Ion: 330 Resp: 661
 Ion Ratio Lower Upper
 330 100
 332 93.9 73.3 109.9
 141 24.5 22.2 33.2



#15
 2-Fluorobiphenyl
 Concen: 0.417 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BE100089.D
 Acq: 19 Jun 2019 19:14

Tgt Ion: 172 Resp: 3598
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.8 44.8
 170 24.9 23.2 34.8





#16

Acenaphthylene

Concen: 0.044 ng

RT: 14.12 min Scan# 896

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

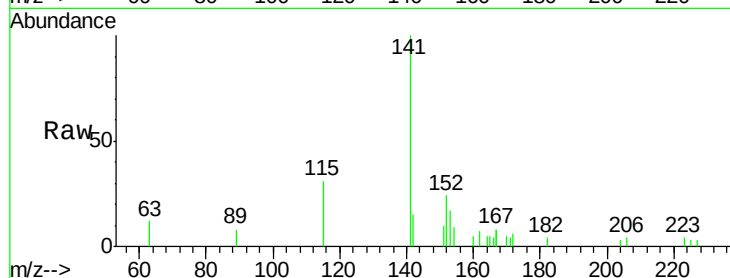
Tgt Ion:152 Resp: 463

Ion Ratio Lower Upper

152 100

151 28.3 15.9 23.9#

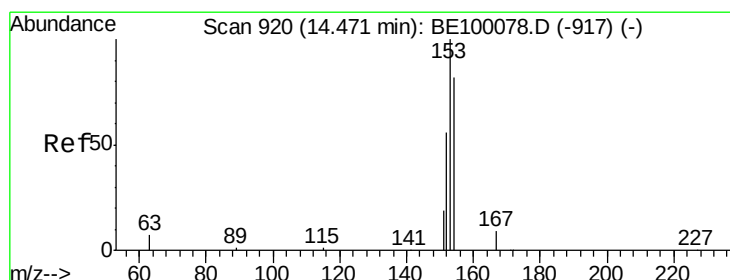
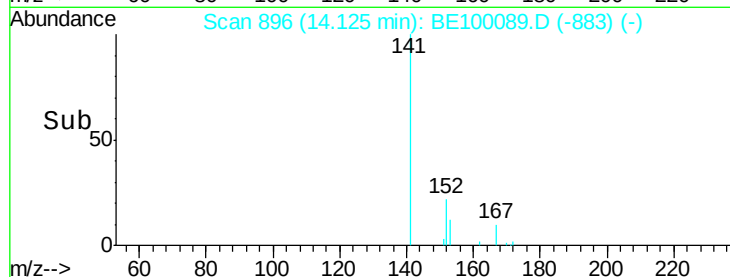
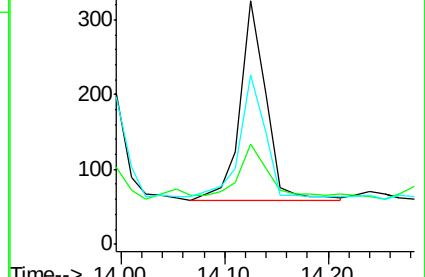
153 59.4 10.1 15.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 9.123 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

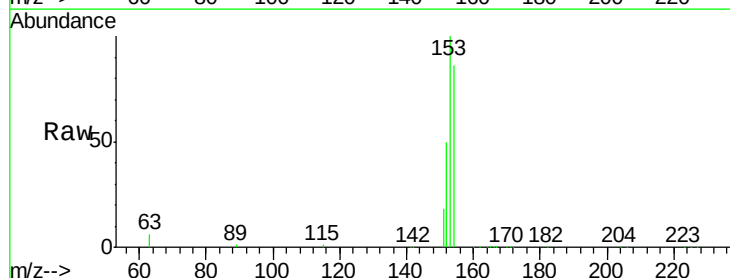
Tgt Ion:154 Resp: 53079

Ion Ratio Lower Upper

154 100

153 116.5 95.5 143.3

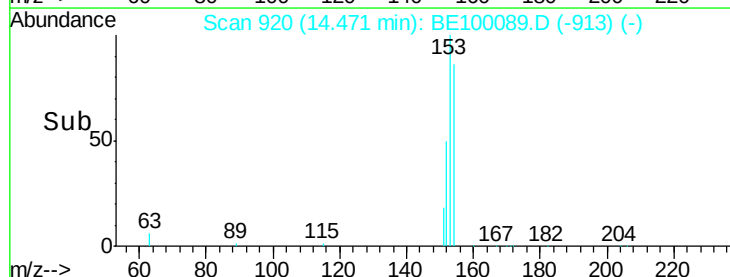
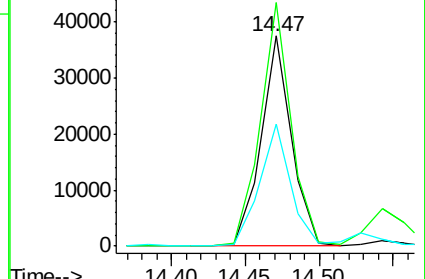
152 58.3 54.9 82.3

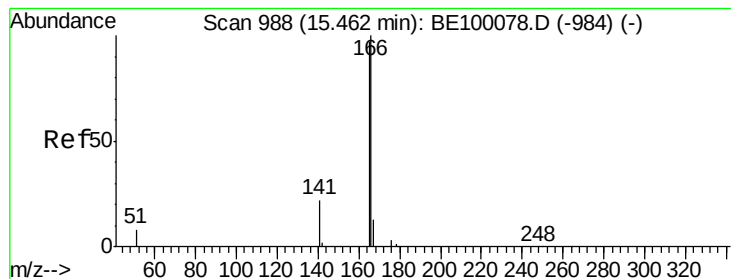


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 6.873 ng

RT: 15.45 min Scan# 987

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

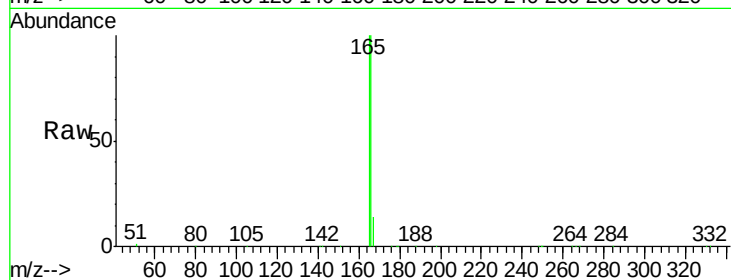
Tgt Ion:166 Resp: 59551

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

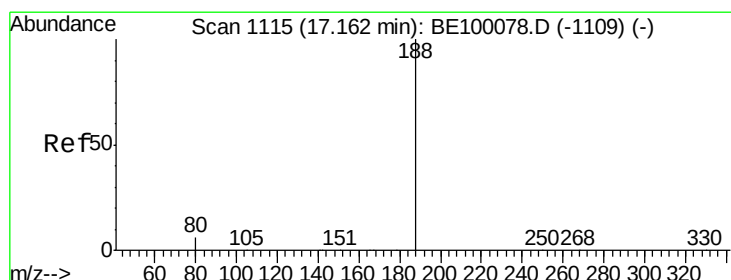
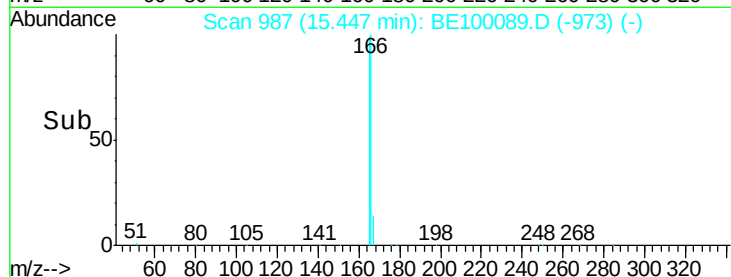
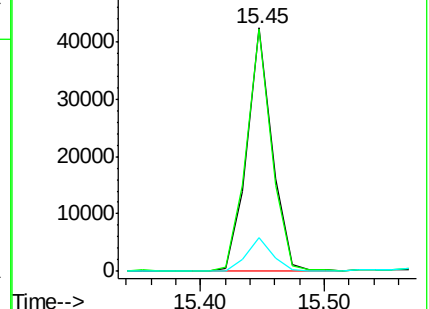
167 14.4 10.2 15.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

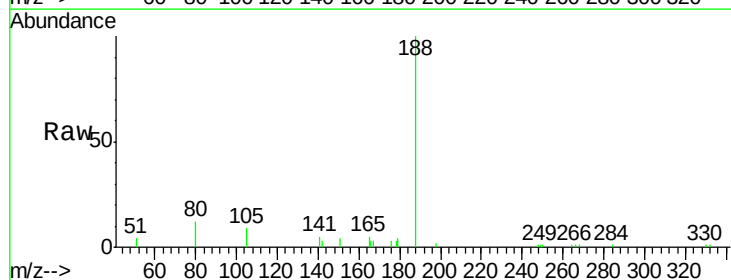
Tgt Ion:188 Resp: 7038

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

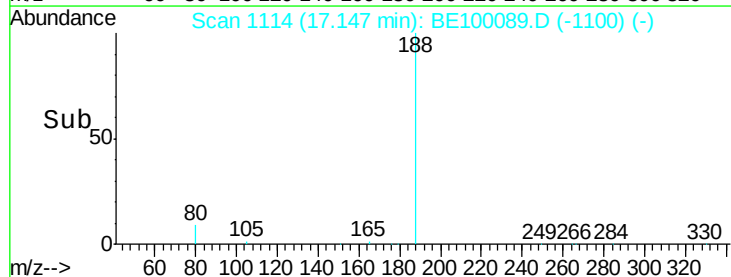
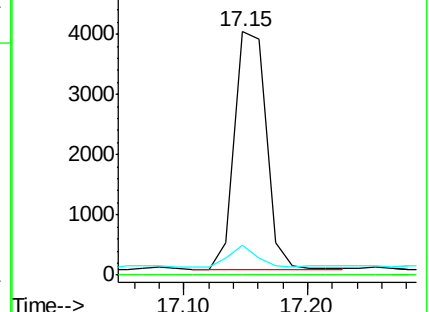
80 12.3 6.3 9.5#

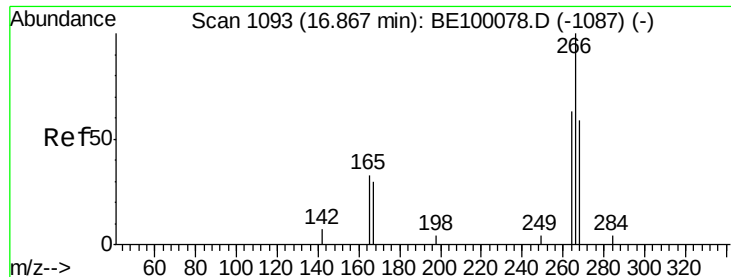


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.256 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

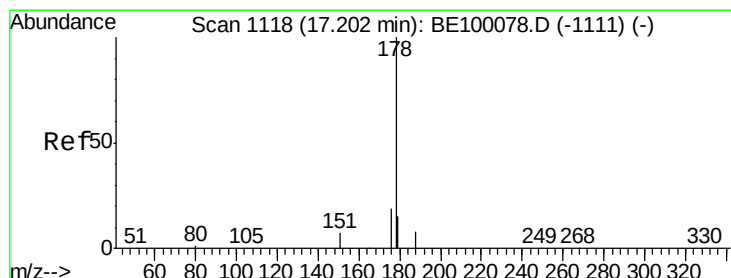
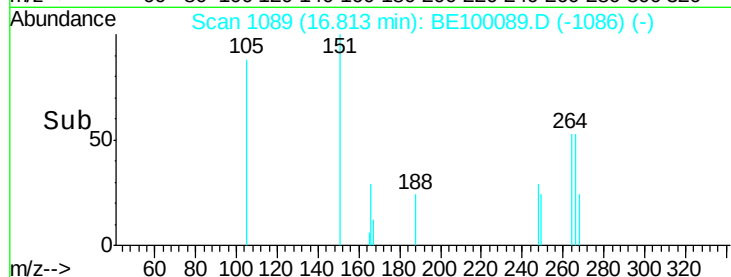
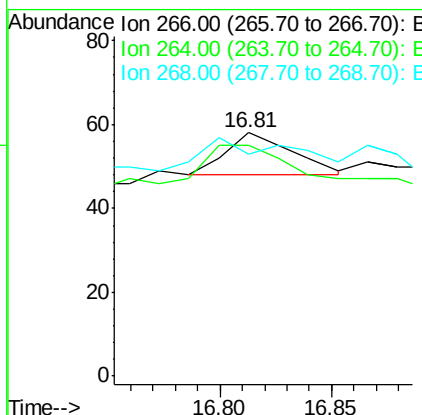
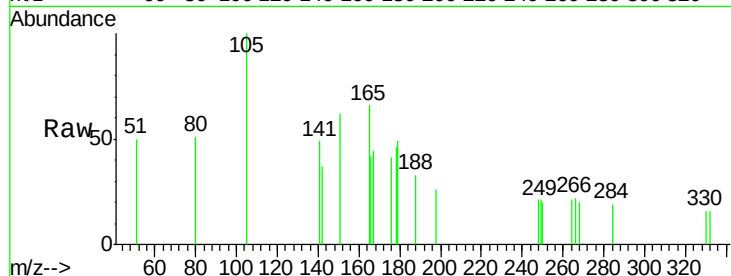
Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

Tgt Ion:	266	Resp:	21
Ion	Ratio	Lower	Upper
266	100		
264	94.8	67.8	101.6
268	91.4	70.0	105.0



#23

Phenanthrene

Concen: 1.796 ng

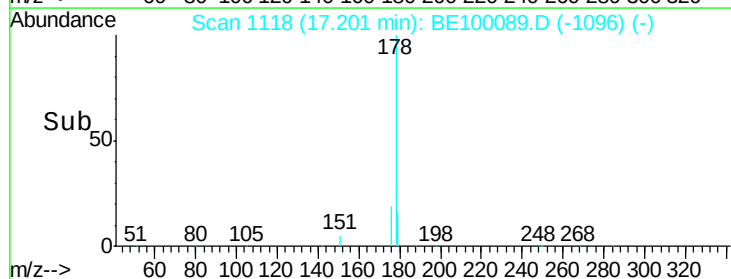
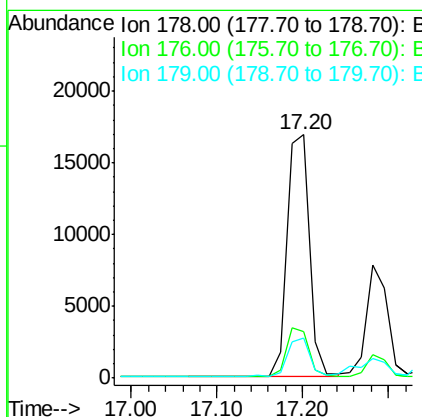
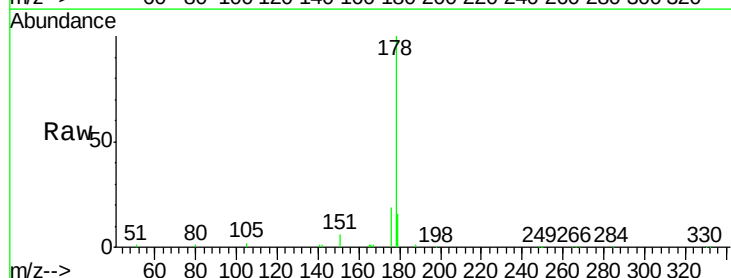
RT: 17.20 min Scan# 1118

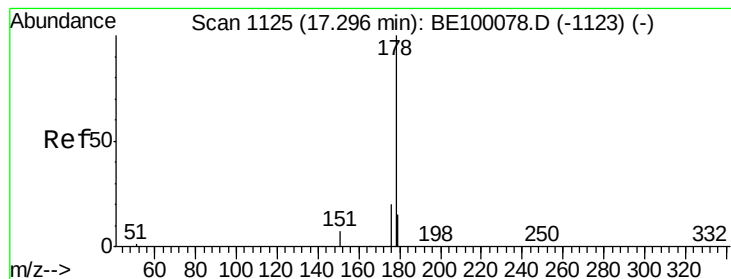
Delta R.T. -0.00 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Tgt Ion:	178	Resp:	30283
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.5	13.1	19.7





#24

Anthracene

Concen: 0.889 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

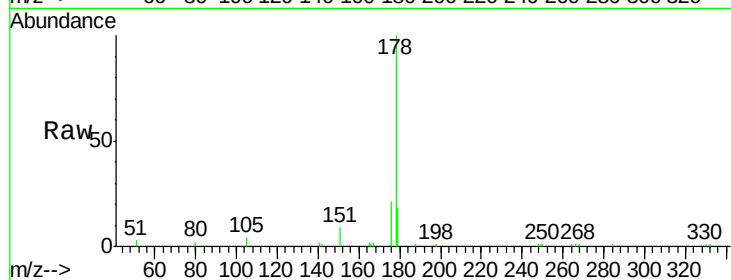
Tgt Ion:178 Resp: 12640

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

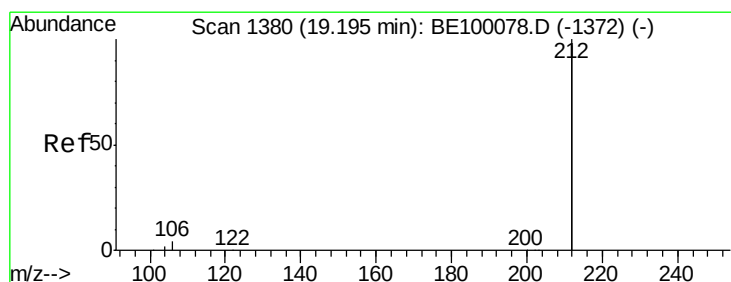
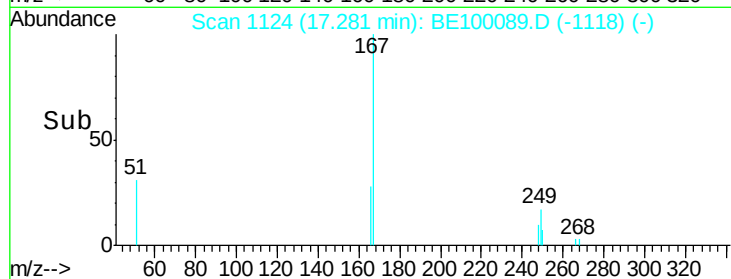
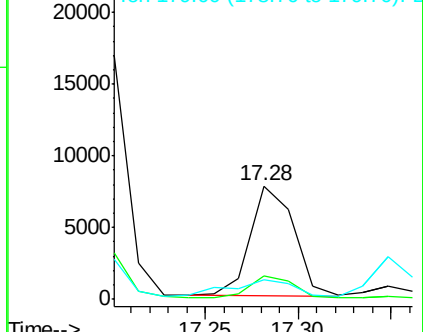
179 22.7 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.344 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

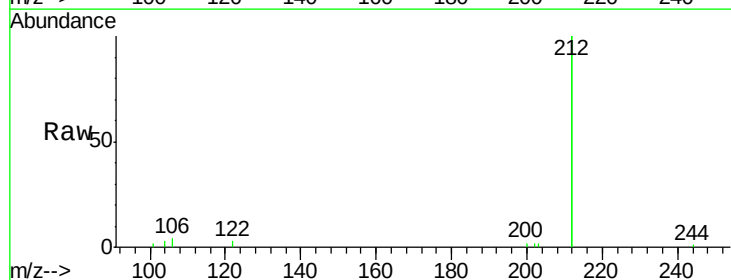
Tgt Ion:212 Resp: 34576

Ion Ratio Lower Upper

212 100

106 2.1 1.4 2.0#

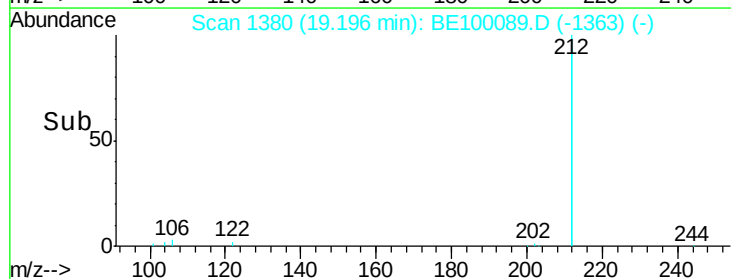
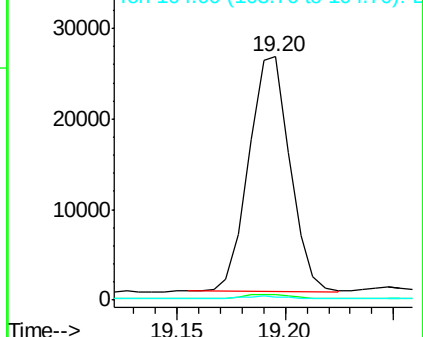
104 1.6 0.8 1.2#

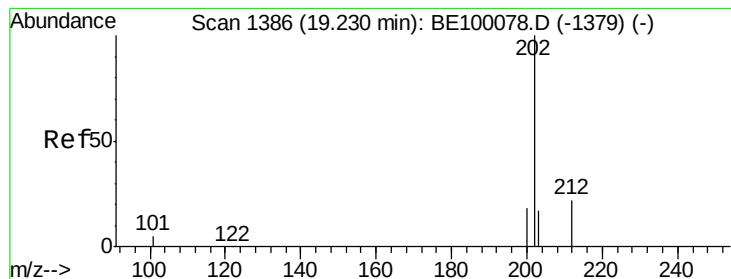


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.726 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

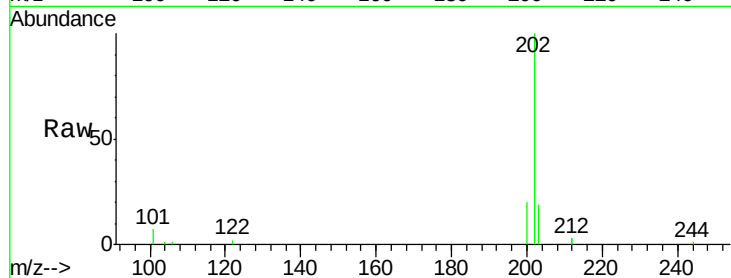
Tgt Ion:202 Resp: 19658

Ion Ratio Lower Upper

202 100

101 7.6 5.0 7.4#

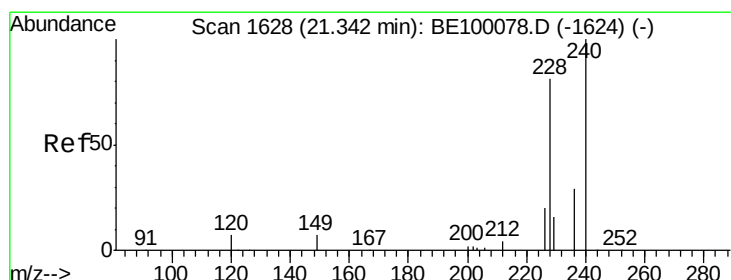
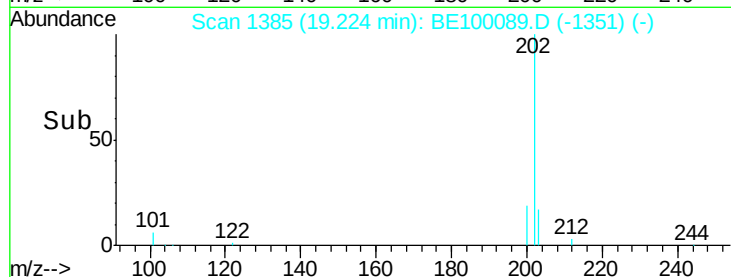
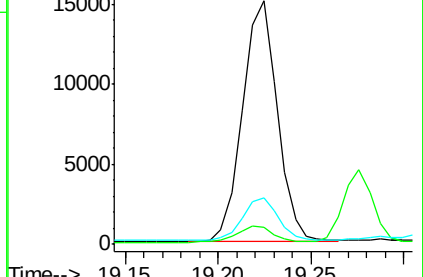
203 17.8 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

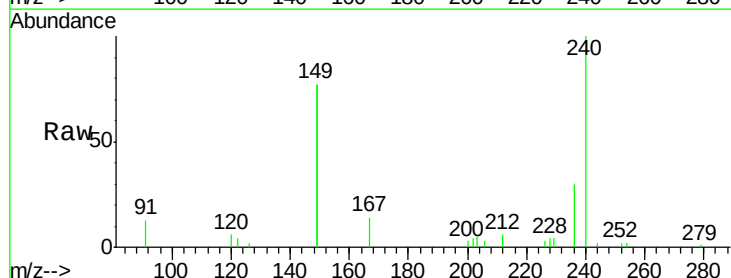
Tgt Ion:240 Resp: 10898

Ion Ratio Lower Upper

240 100

120 6.0 6.6 10.0#

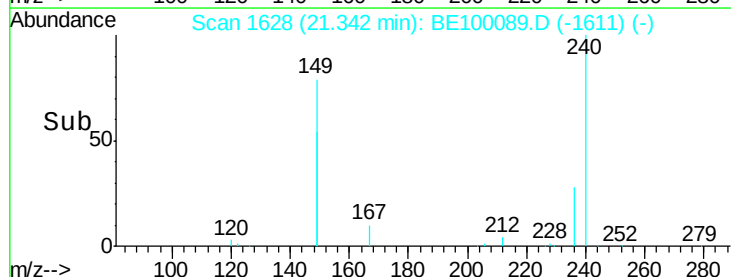
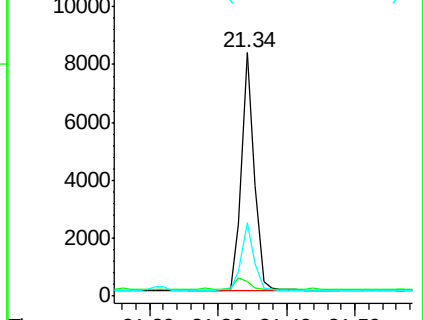
236 30.1 23.8 35.6

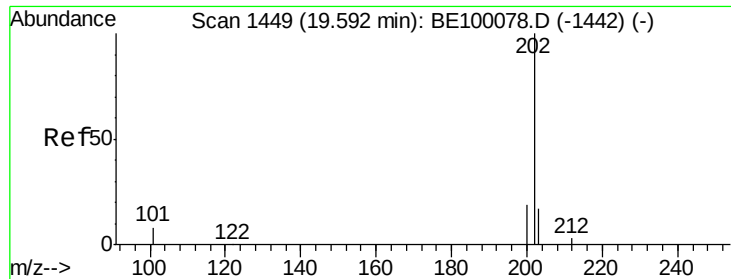


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

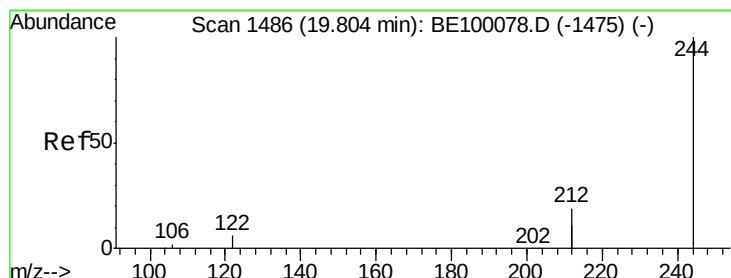
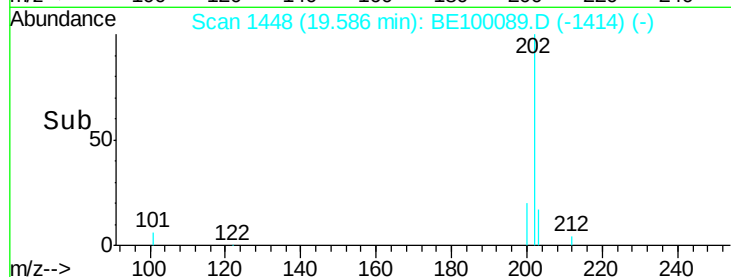
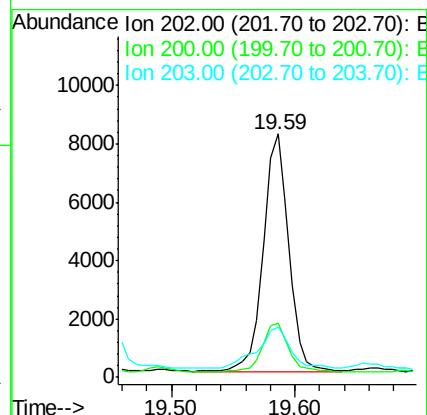
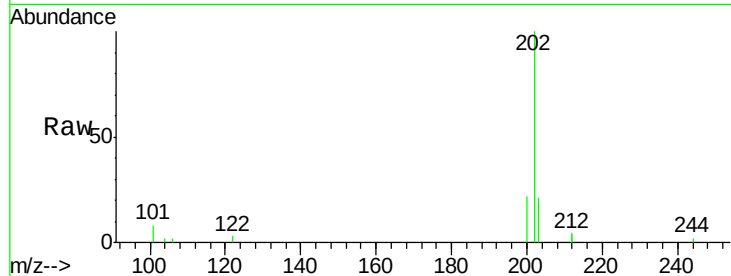




#28
 Pyrene
 Concen: 0.415 ng
 RT: 19.59 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BE100089.D
 Acq: 19 Jun 2019 19:14

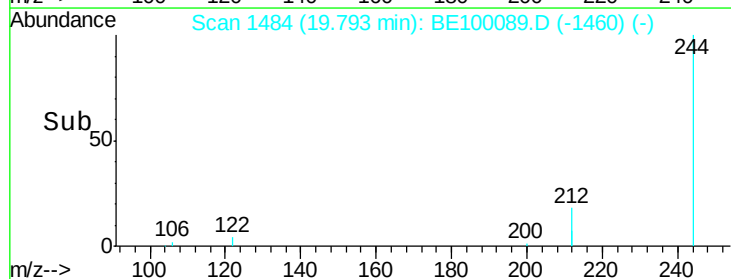
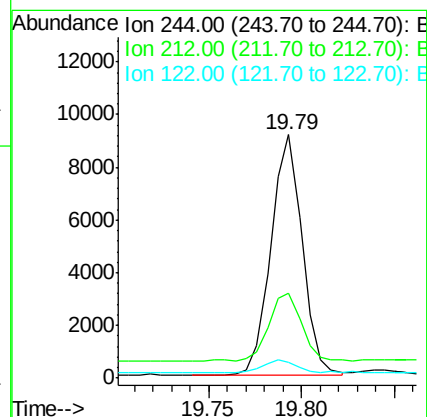
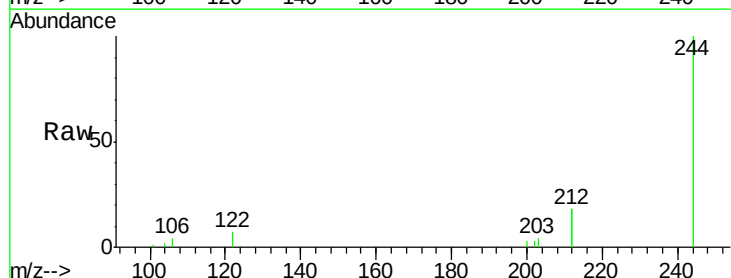
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611

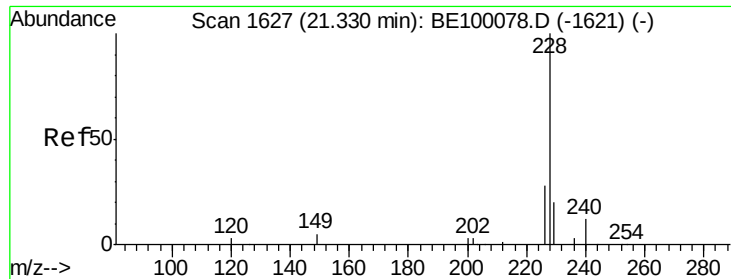
Tgt Ion: 202 Resp: 11620
 Ion Ratio Lower Upper
 202 100
 200 21.9 15.6 23.4
 203 22.9 13.9 20.9#



#29
 Terphenyl-d14
 Concen: 0.492 ng
 RT: 19.79 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE100089.D
 Acq: 19 Jun 2019 19:14

Tgt Ion: 244 Resp: 10718
 Ion Ratio Lower Upper
 244 100
 212 35.0 29.8 44.8
 122 6.7 6.1 9.1





#30

Benzo(a)anthracene

Concen: 0.029 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

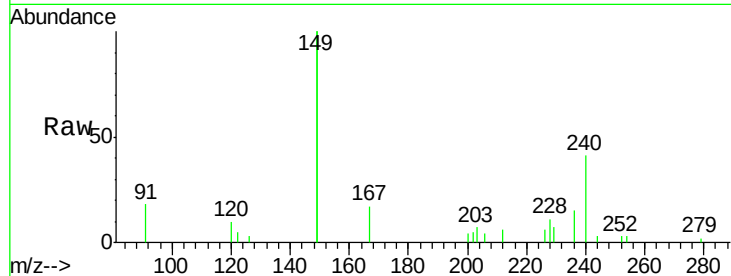
Tgt Ion:228 Resp: 956

Ion Ratio Lower Upper

228 100

226 51.1 23.0 34.4#

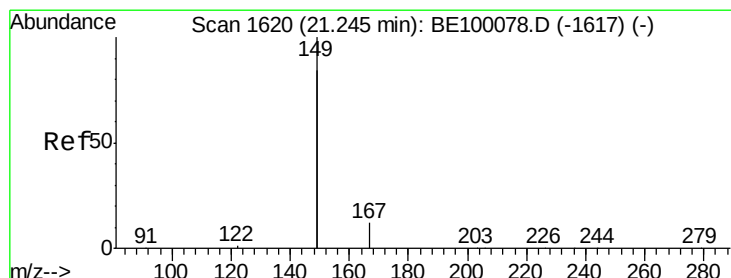
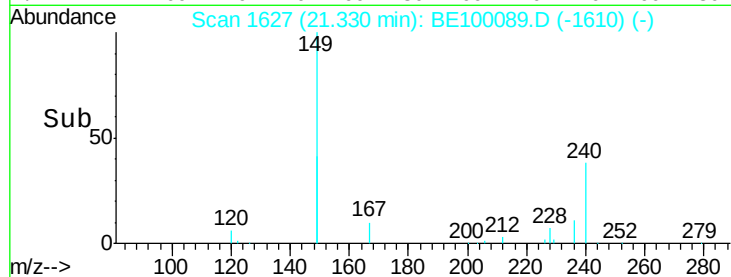
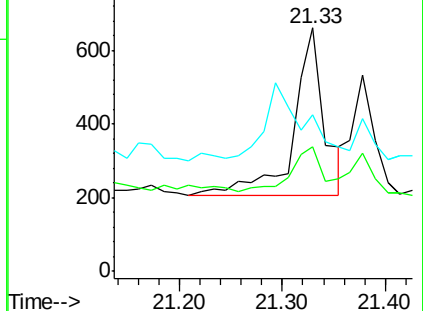
229 64.5 16.4 24.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.015 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

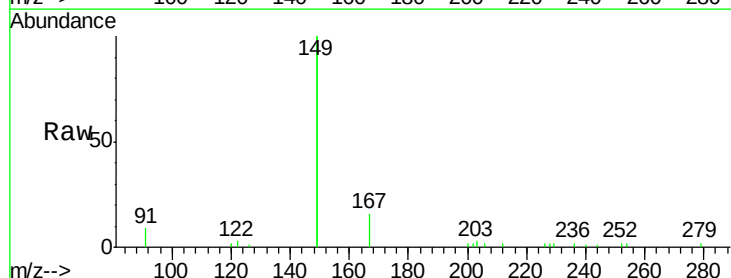
Tgt Ion:149 Resp: 31037

Ion Ratio Lower Upper

149 100

167 6.8 5.8 8.6

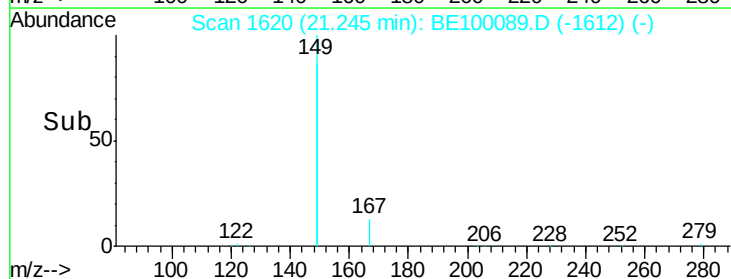
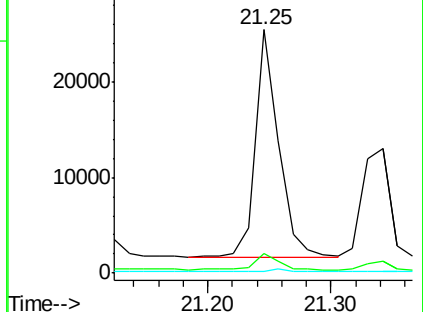
279 1.4 1.1 1.7

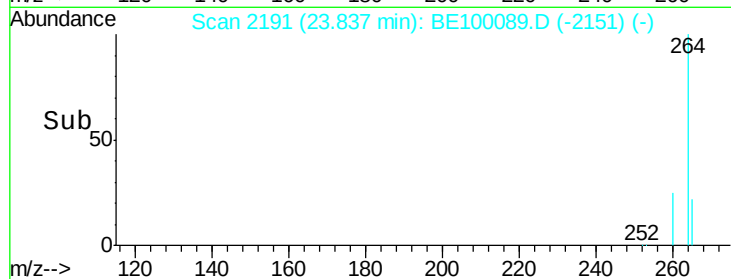
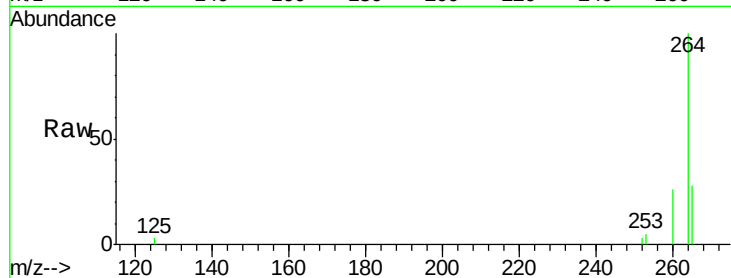
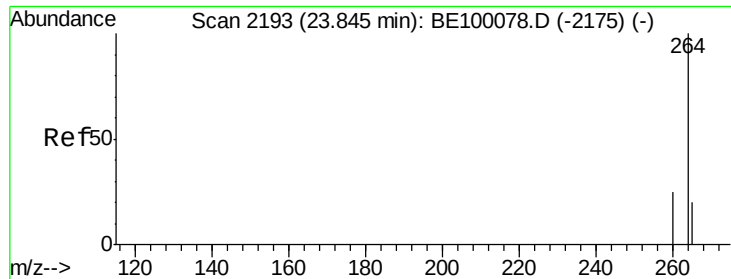


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.84 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BE100089.D

Acq: 19 Jun 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611

Tgt Ion:264 Resp: 12434

Ion Ratio Lower Upper

264 100

260 26.1 20.8 31.2

265 28.3 23.2 34.8

