

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100678.D
 Acq On : 28 Oct 2019 17:52
 Operator : JU
 Sample : PB124301BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:52:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3065	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13115	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8273	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19561	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	26532	0.40	ng	0.00
34) Perylene-d12	23.82	264	31508	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	3784	0.40	ng	0.00
5) Phenol-d6	7.01	99	5365	0.40	ng	0.00
8) Nitrobenzene-d5	8.99	82	4190	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9009	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	968	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	12859	0.43	ng	0.00
25) Fluoranthene-d10	19.22	212	113963	0.45	ng	0.00
29) Terphenyl-d14	19.82	244	25661	0.44	ng	0.00

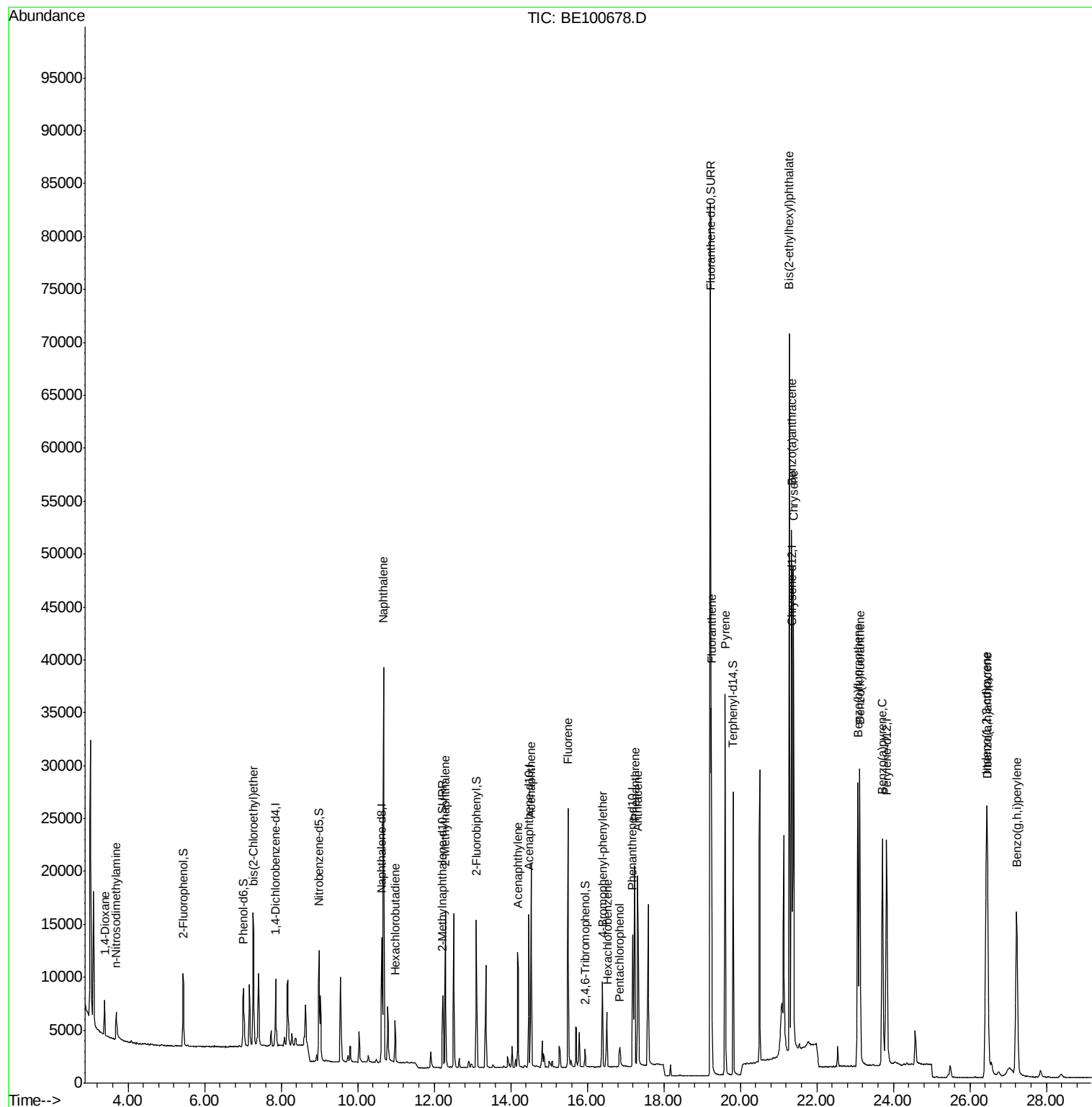
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	2706	0.495	ng	97
3) n-Nitrosodimethylamine	3.69	42	2197	0.380	ng	# 91
6) bis(2-Chloroethyl)ether	7.28	93	4869	0.444	ng	98
9) Naphthalene	10.68	128	61292	0.444	ng	100
10) Hexachlorobutadiene	10.98	225	2727	0.455	ng	98
12) 2-Methylnaphthalene	12.30	142	10506	0.447	ng	98
16) Acenaphthylene	14.18	152	14836	0.417	ng	99
17) Acenaphthene	14.53	154	10146	0.441	ng	99
18) Fluorene	15.50	166	13432	0.440	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	4328	0.435	ng	93
21) Hexachlorobenzene	16.52	284	4233	0.446	ng	98
22) Pentachlorophenol	16.85	266	1226	0.401	ng	99
23) Phenanthrene	17.24	178	24506	0.455	ng	99
24) Anthracene	17.32	178	20689	0.414	ng	99
26) Fluoranthene	19.25	202	32177	0.458	ng	100
28) Pyrene	19.60	202	33245	0.448	ng	100
30) Benzo(a)anthracene	21.34	228	37992	0.439	ng	99
31) Chrysene	21.39	228	38909	0.450	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	77142	0.426	ng	100
33) Indeno(1,2,3-cd)pyrene	26.43	276	45206	0.425	ng	99
35) Benzo(b)fluoranthene	23.07	252	37769	0.411	ng	99
36) Benzo(k)fluoranthene	23.12	252	41765	0.442	ng	99
37) Benzo(a)pyrene	23.71	252	35898	0.420	ng	100
38) Dibenzo(a,h)anthracene	26.46	278	37327	0.422	ng	99
39) Benzo(g,h,i)perylene	27.22	276	38699	0.435	ng	100

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

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Instrument :
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QLast Update : Wed Oct 23 16:49:33 2019
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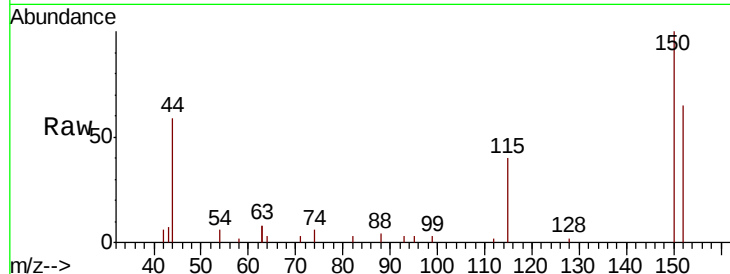




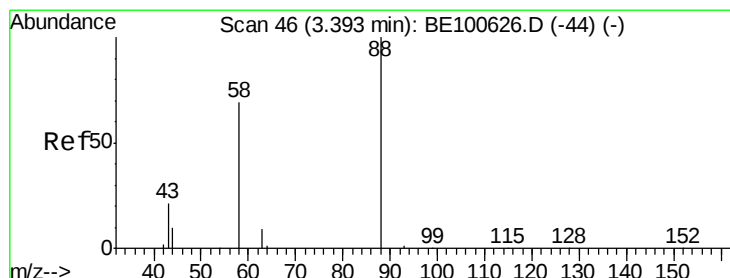
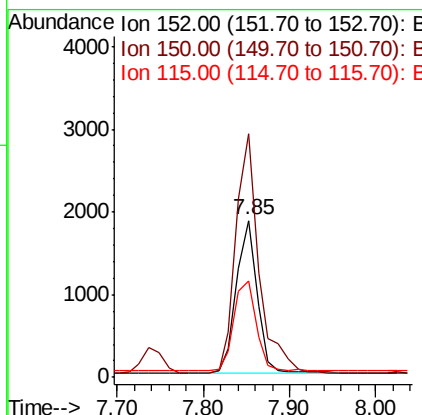
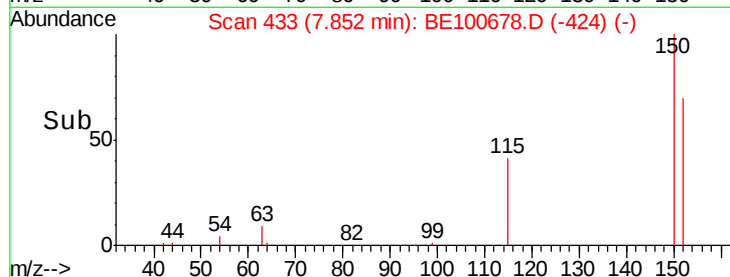
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.85 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 3065
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.3 184.9
 115 61.7 51.9 77.9

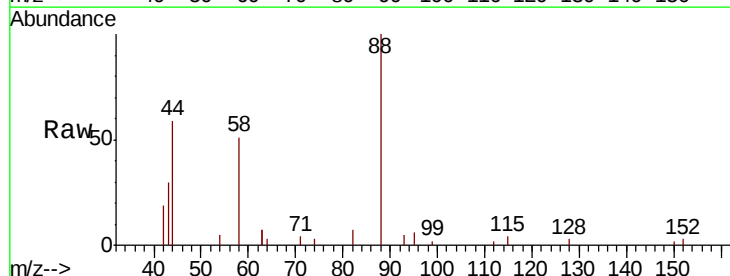


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

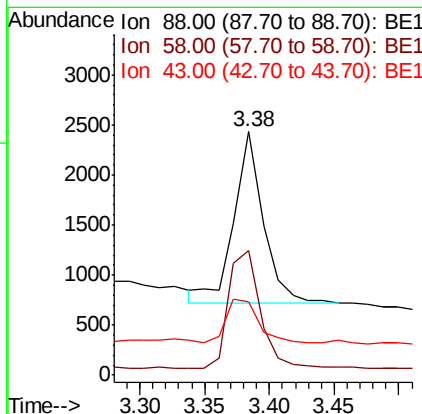
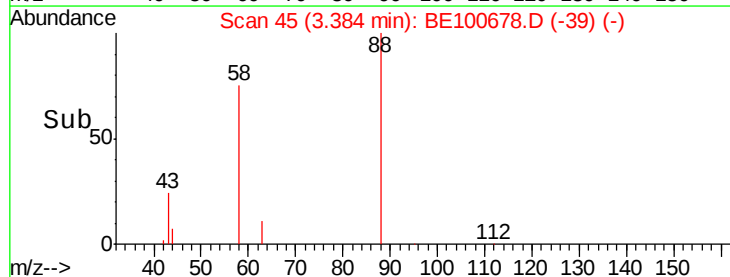


#2
 1,4-Dioxane
 Concen: 0.495 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

Tgt Ion: 88 Resp: 2706
 Ion Ratio Lower Upper
 88 100
 58 73.1 59.8 89.6
 43 27.9 24.6 36.8



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: 0.380 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE100678.D

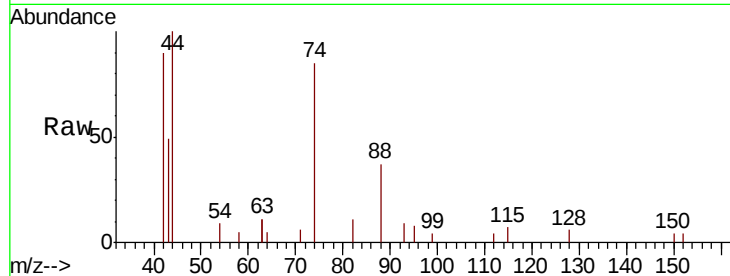
Acq: 28 Oct 2019 17:52

Instrument :

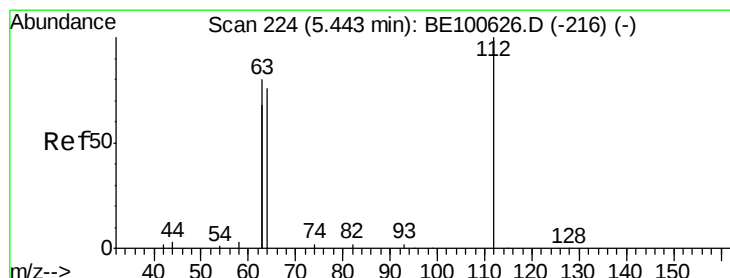
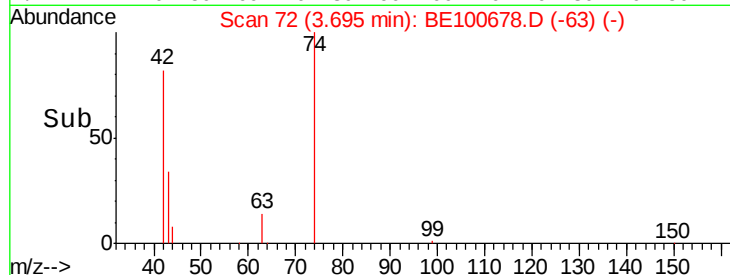
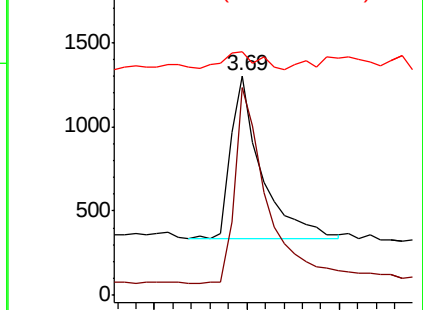
BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	2197
Ion	Ratio	Lower	Upper
42	100		
74	129.7	97.2	145.8
44	12.3	16.6	24.8#



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: 0.400 ng

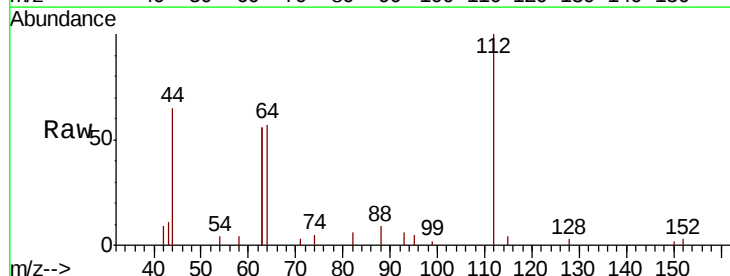
RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

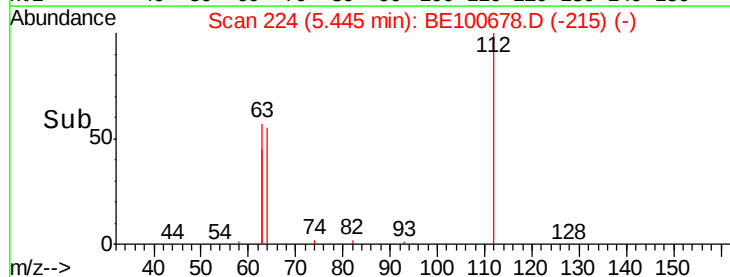
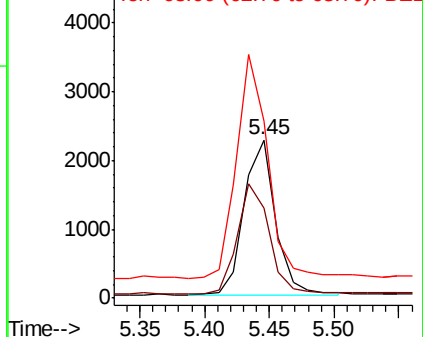
Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Tgt Ion:	112	Resp:	3784
Ion	Ratio	Lower	Upper
112	100		
64	72.1	55.4	83.2
63	144.2	114.2	171.4



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: 0.402 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

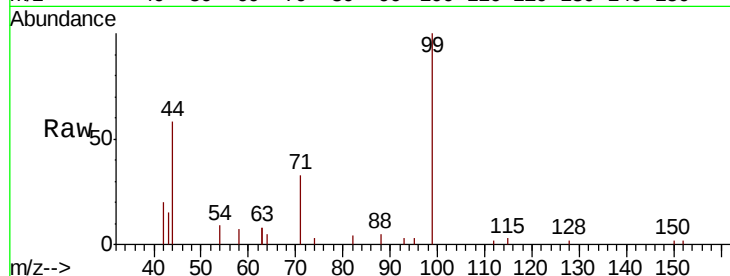
Tot Ion: 99 Resp: 5365

Ion Ratio Lower Upper

99 100

42 23.2 17.7 26.5

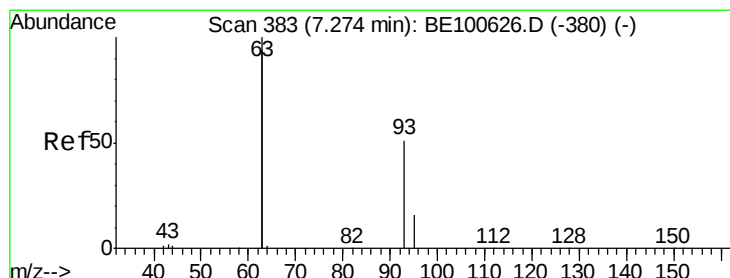
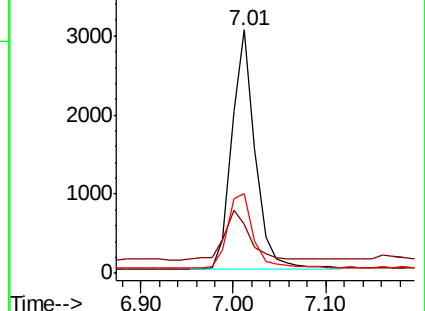
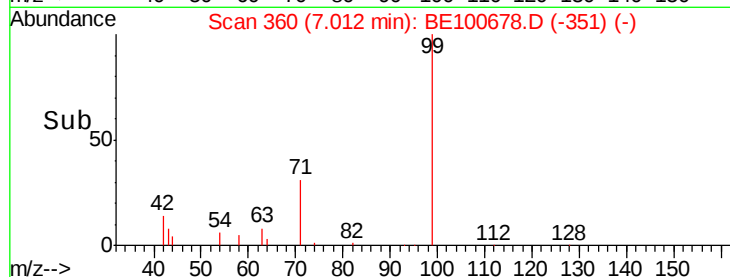
71 34.1 27.4 41.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.444 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

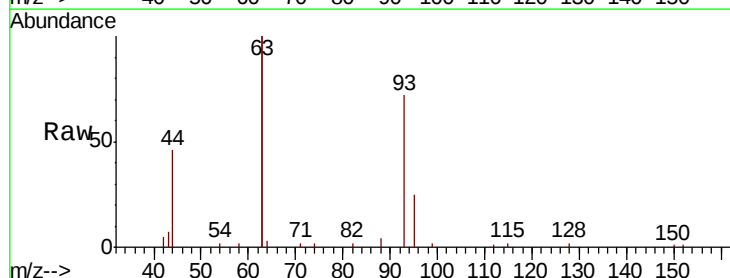
Tgt Ion: 93 Resp: 4869

Ion Ratio Lower Upper

93 100

63 340.7 268.8 403.2

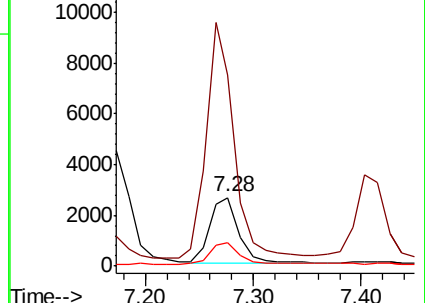
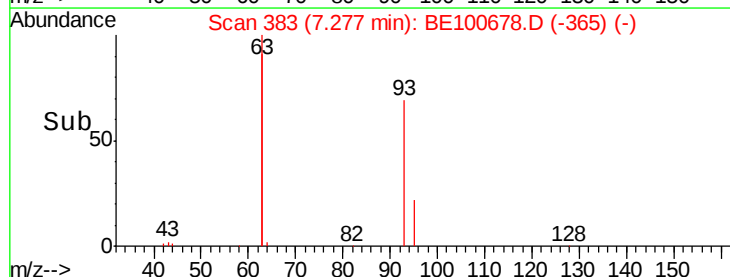
95 32.5 25.6 38.4

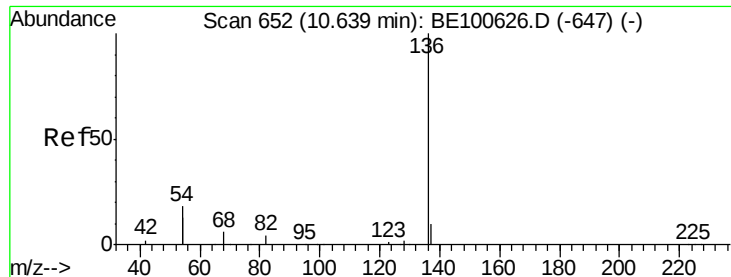


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 13115

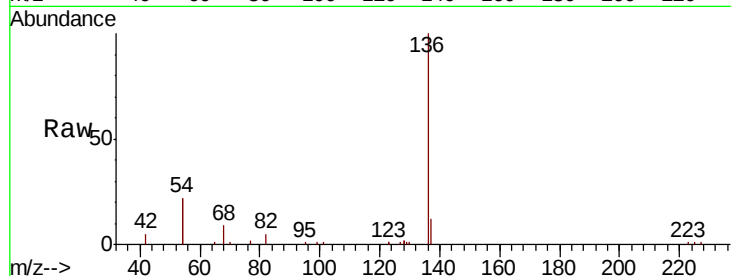
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 43.6 39.4 59.2

68 9.1 8.0 12.0

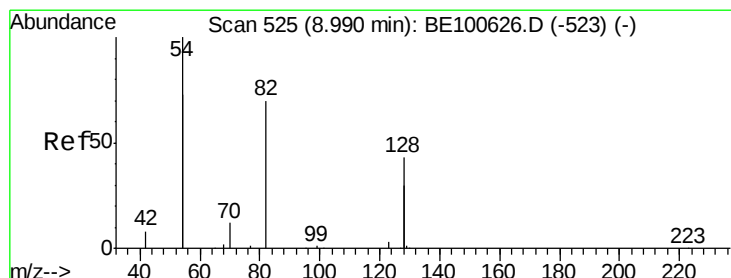
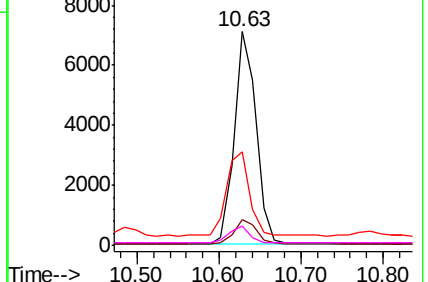
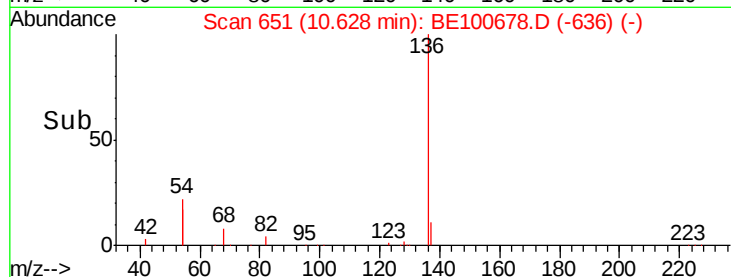


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.515 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

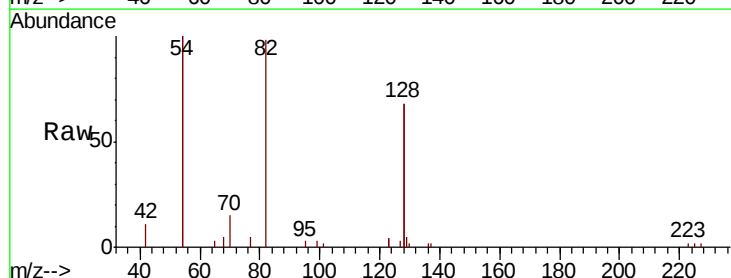
Tgt Ion: 82 Resp: 4190

Ion Ratio Lower Upper

82 100

128 139.8 107.8 161.8

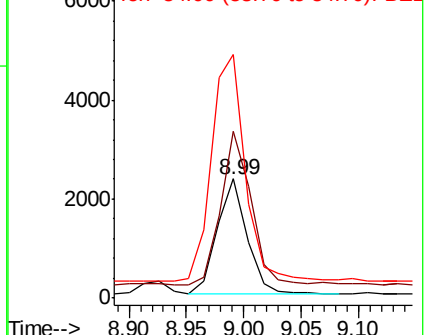
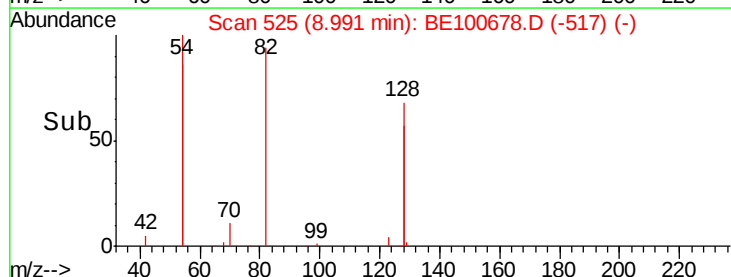
54 204.7 166.1 249.1



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: 0.444 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

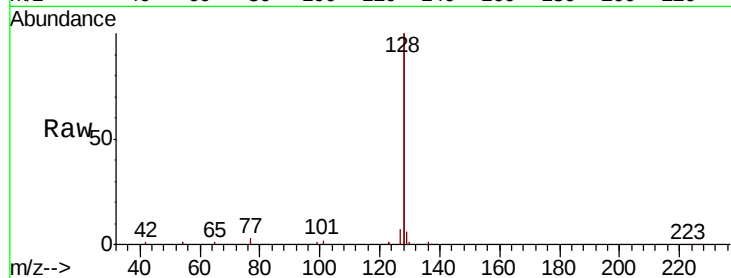
Tot Ion:128 Resp: 61292

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

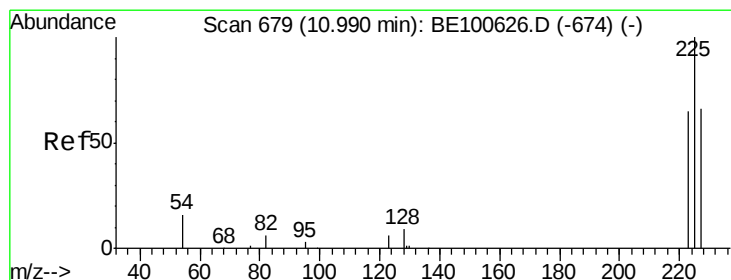
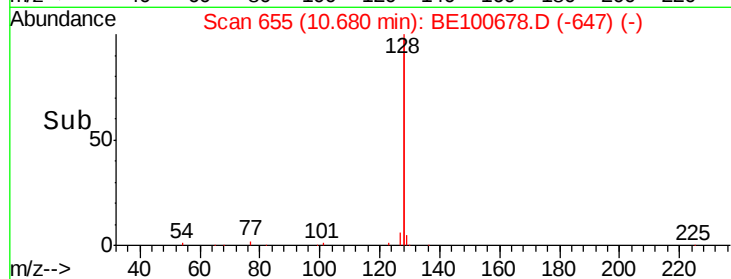
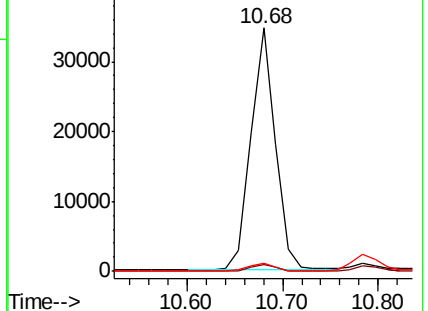
127 3.3 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.455 ng

RT: 10.98 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

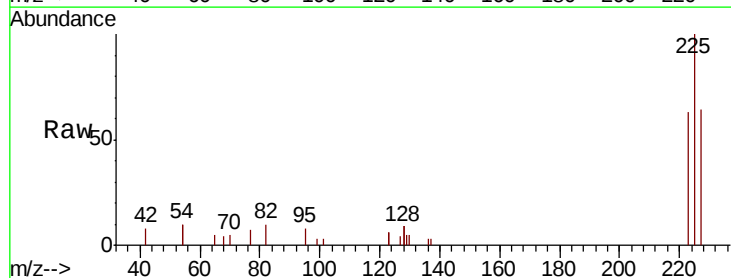
Tgt Ion:225 Resp: 2727

Ion Ratio Lower Upper

225 100

223 62.7 48.6 72.8

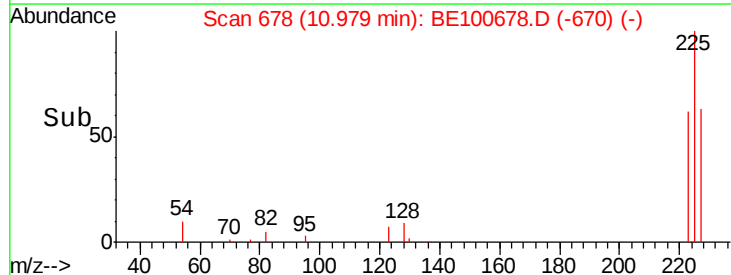
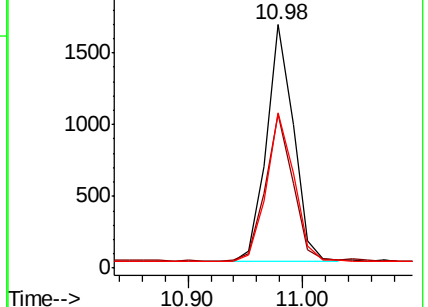
227 63.8 51.6 77.4

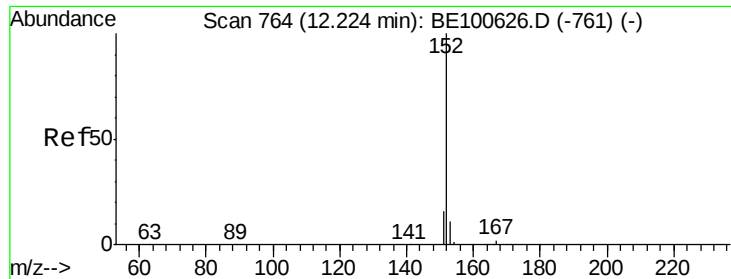


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

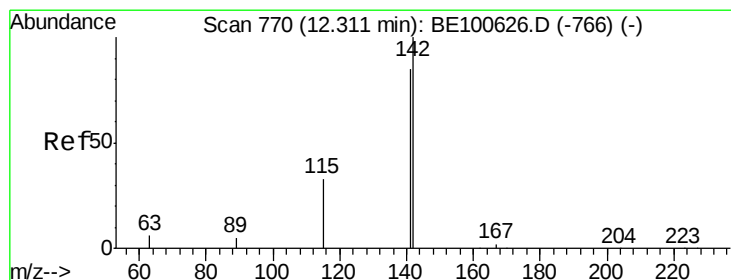
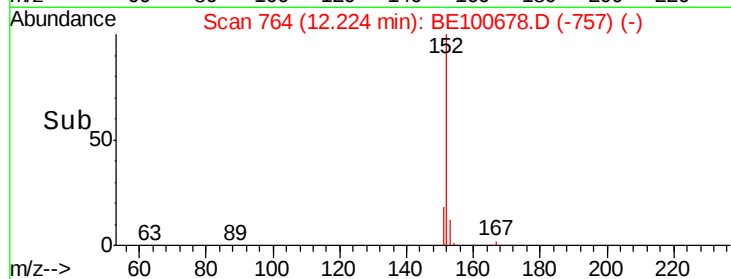
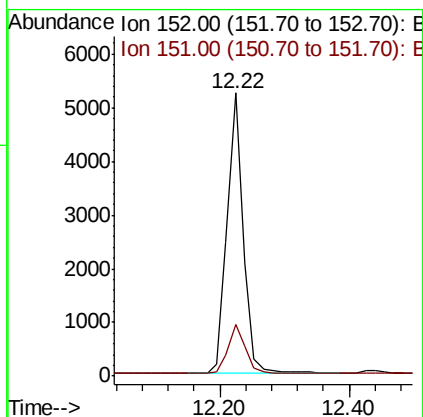
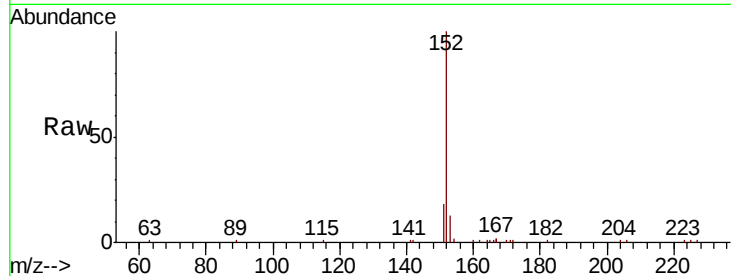




#11
 2-Methylnaphthalene-d10
 Concen: 0.436 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

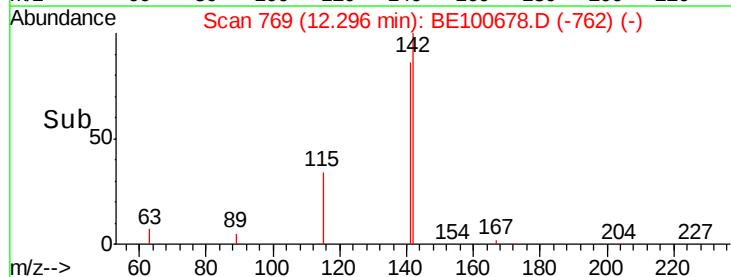
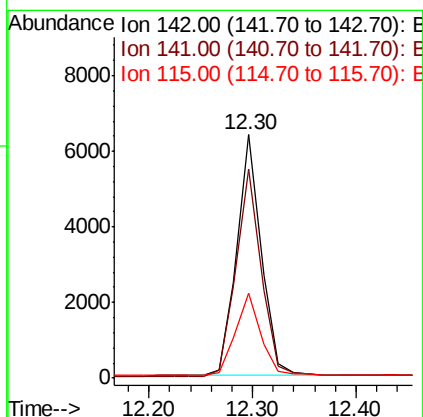
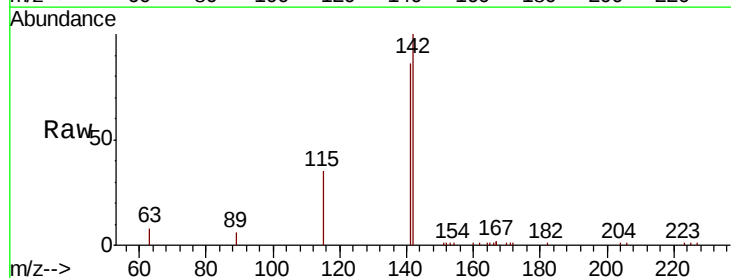
Instrument :
 BNA_E
 ClientSampleId :

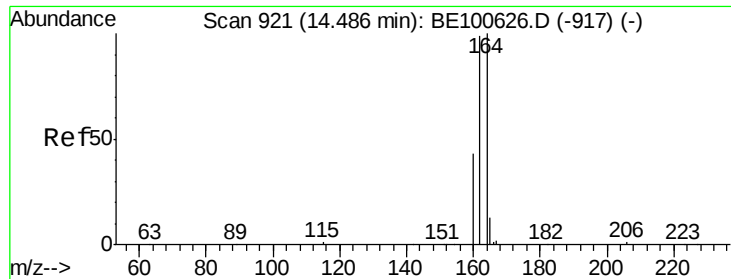
Tot Ion:152 Resp: 9009
 Ion Ratio Lower Upper
 152 100
 151 18.7 14.7 22.1



#12
 2-Methylnaphthalene
 Concen: 0.447 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

Tgt Ion:142 Resp: 10506
 Ion Ratio Lower Upper
 142 100
 141 86.1 70.1 105.1
 115 34.6 28.3 42.5

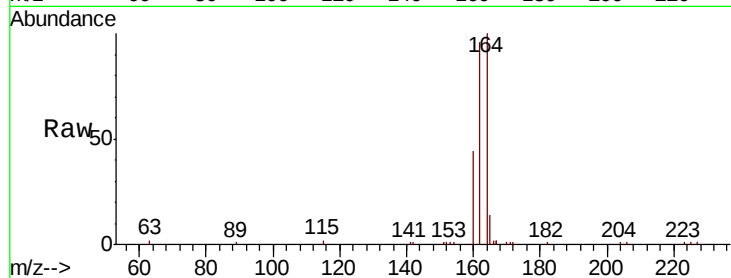




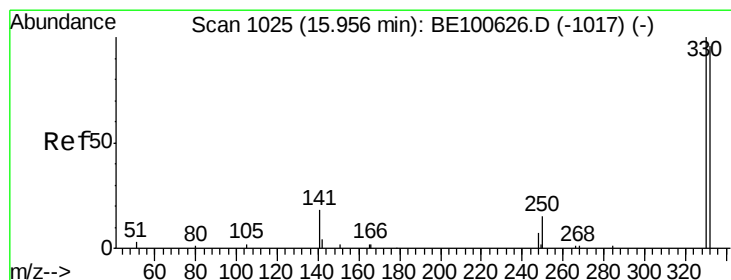
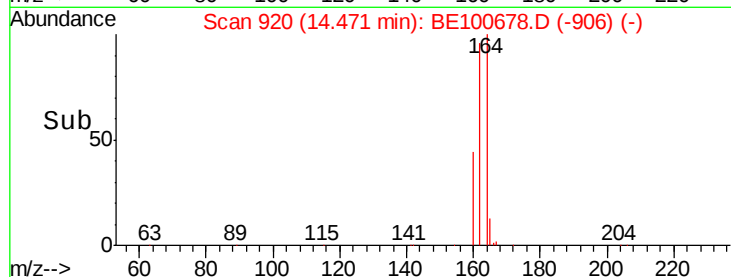
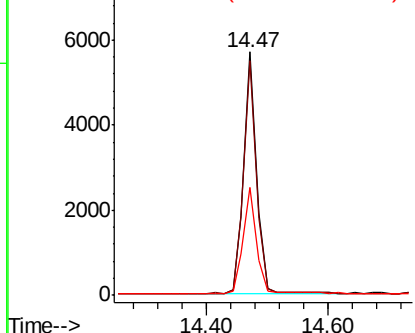
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8273
Ion Ratio Lower Upper
164 100
162 96.3 82.0 123.0
160 44.3 37.5 56.3

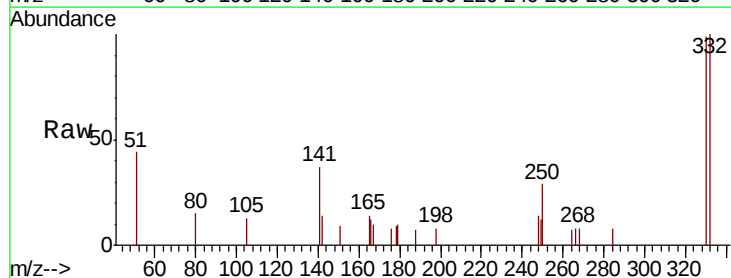


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

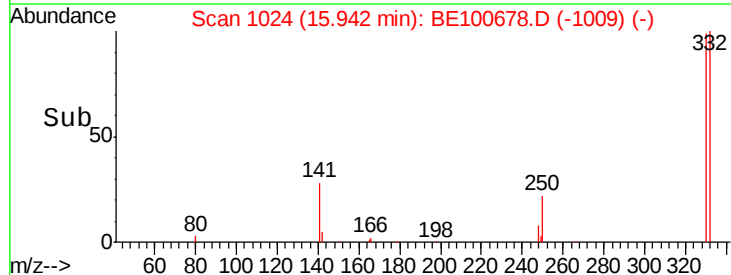
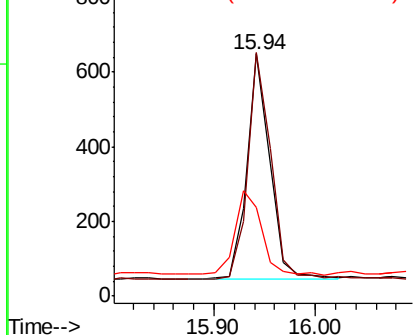


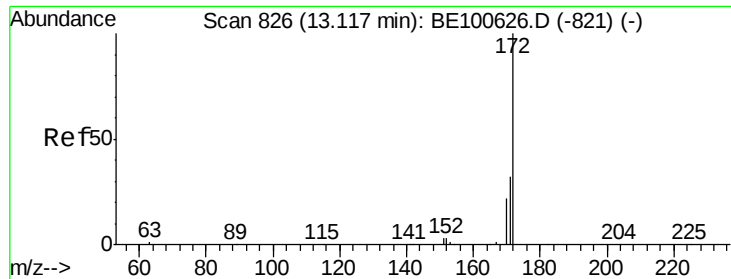
#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

Tgt Ion:330 Resp: 968
Ion Ratio Lower Upper
330 100
332 101.3 77.9 116.9
141 42.1 33.0 49.6



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

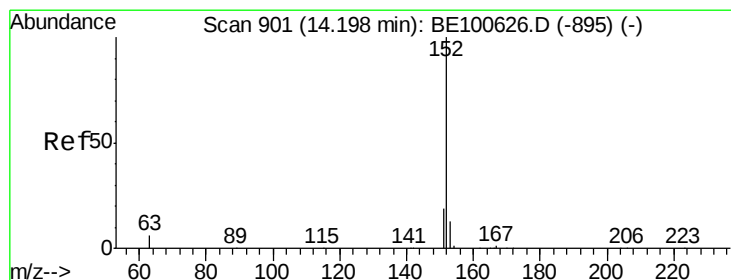
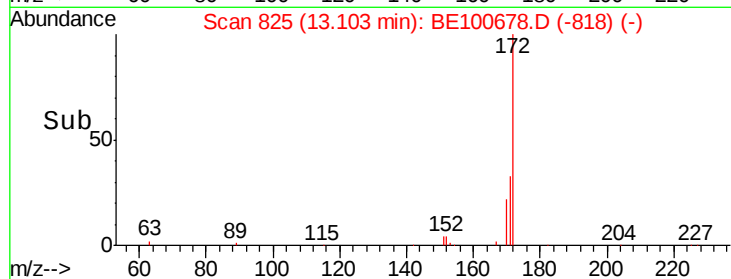
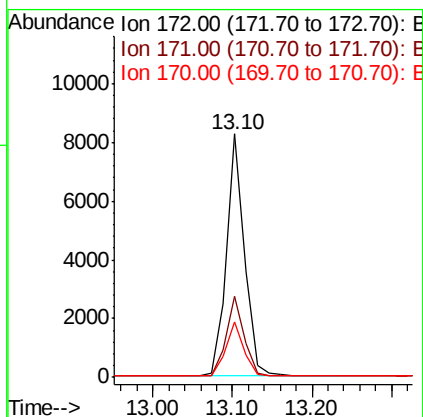
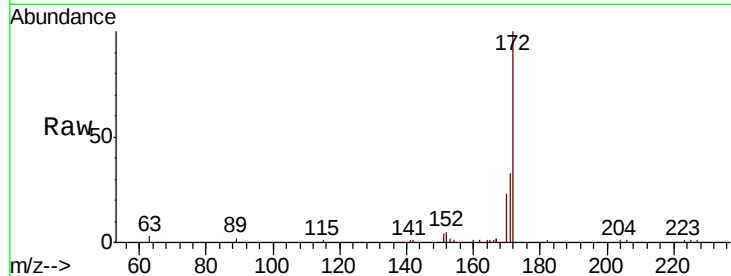




#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

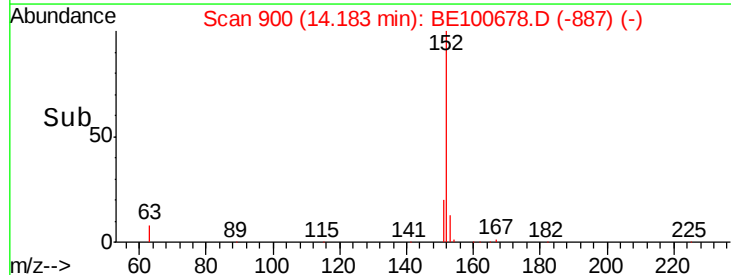
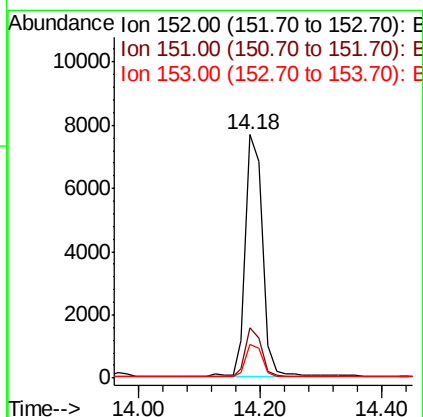
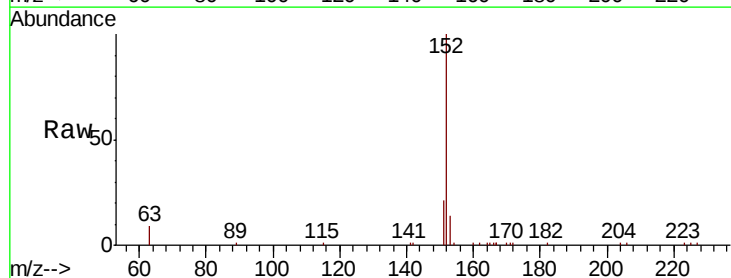
Instrument :
BNA_E
ClientSampled :

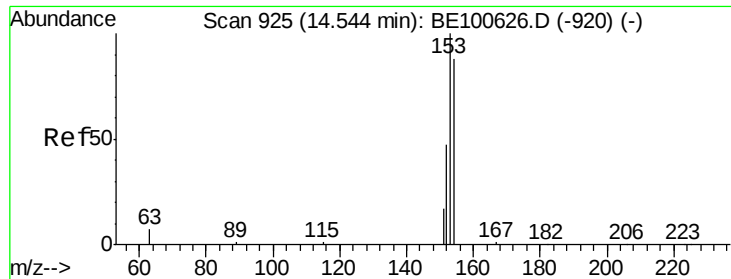
Tot Ion:172 Resp: 12859
Ion Ratio Lower Upper
172 100
171 33.3 26.5 39.7
170 22.8 19.0 28.4



#16
Acenaphthylene
Concen: 0.417 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

Tgt Ion:152 Resp: 14836
Ion Ratio Lower Upper
152 100
151 19.3 15.2 22.8
153 13.1 10.3 15.5

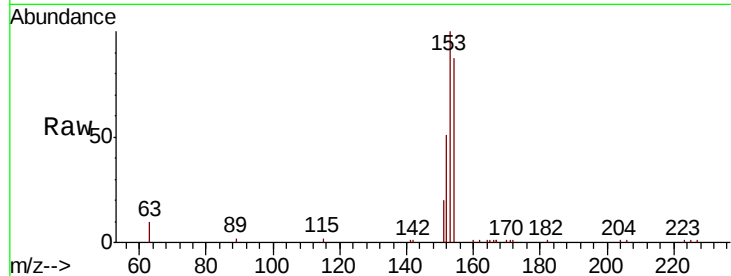




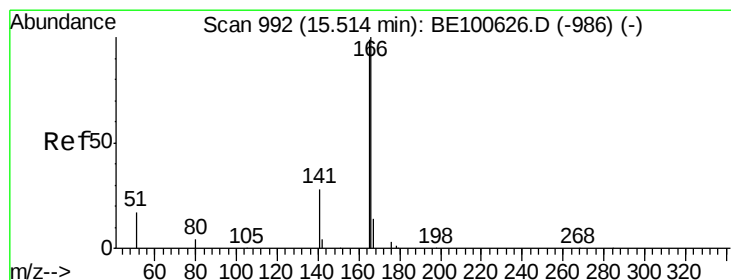
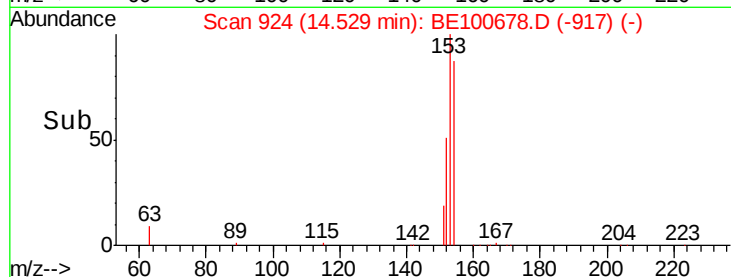
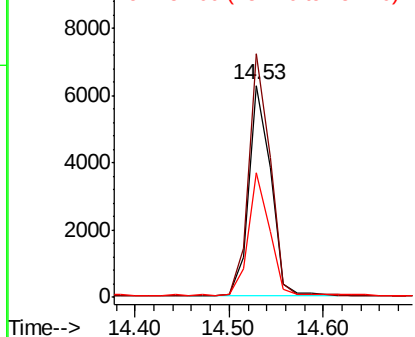
#17
Acenaphthene
Concen: 0.441 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 10146
Ion Ratio Lower Upper
154 100
153 112.3 89.4 134.2
152 56.2 44.1 66.1

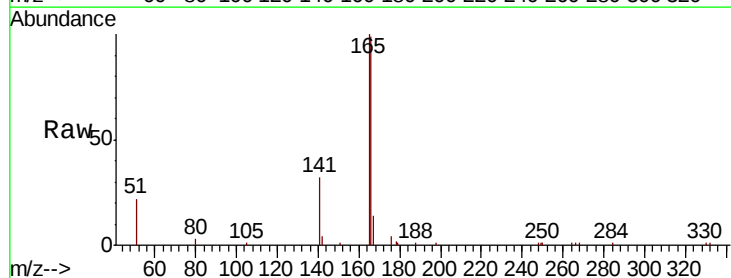


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

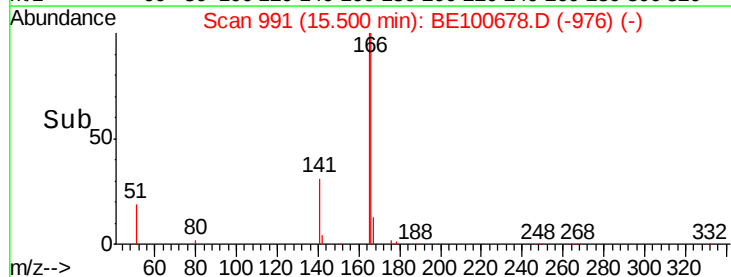
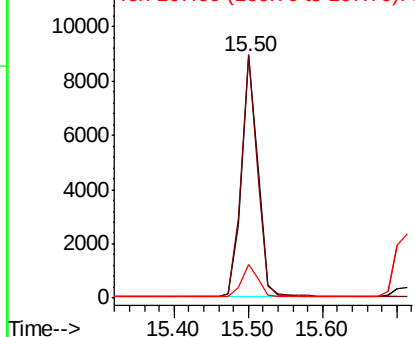


#18
Fluorene
Concen: 0.440 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

Tgt Ion:166 Resp: 13432
Ion Ratio Lower Upper
166 100
165 99.6 78.6 117.8
167 13.5 10.9 16.3



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: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

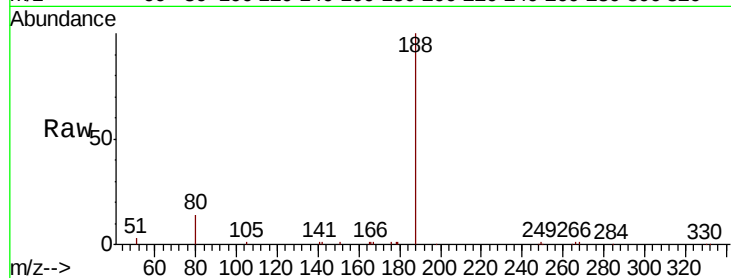
Tot Ion:188 Resp: 19561

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

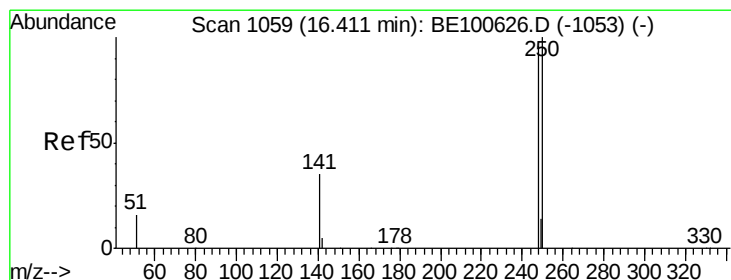
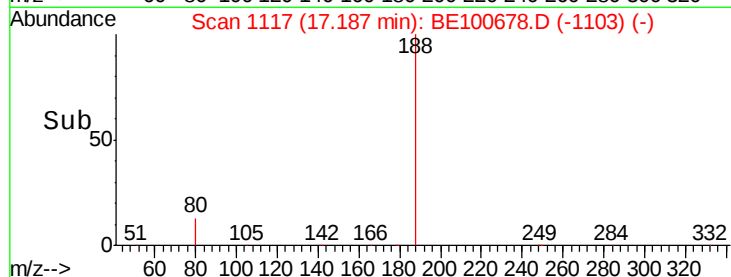
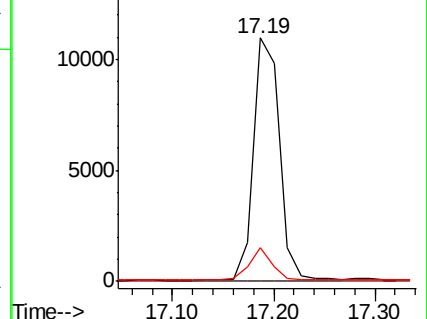
80 13.9 5.4 8.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.435 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

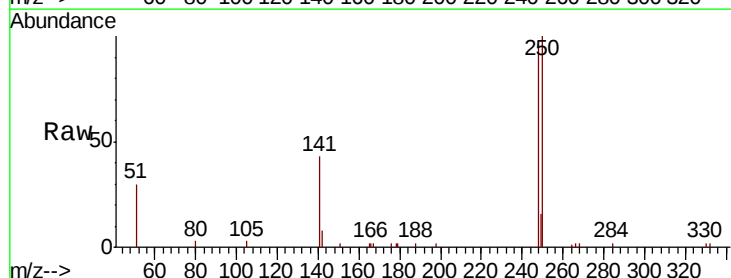
Tgt Ion:248 Resp: 4328

Ion Ratio Lower Upper

248 100

250 104.1 76.3 114.5

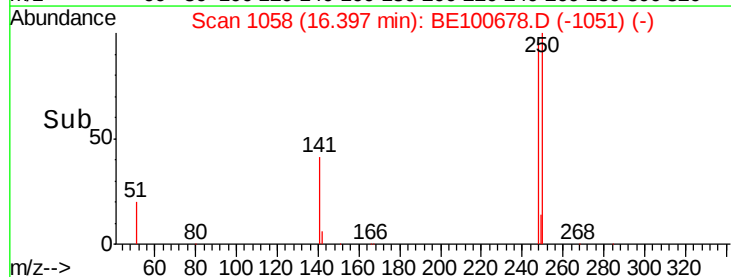
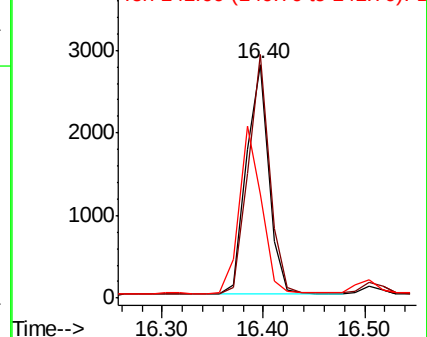
141 44.5 37.3 55.9

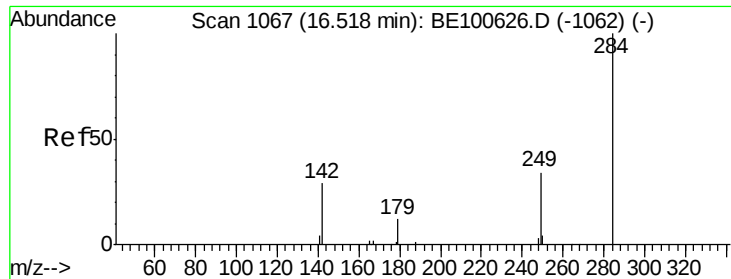


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

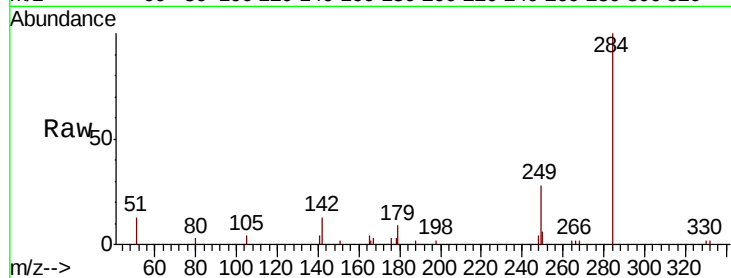




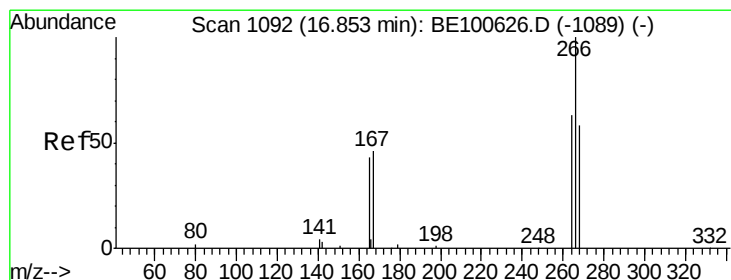
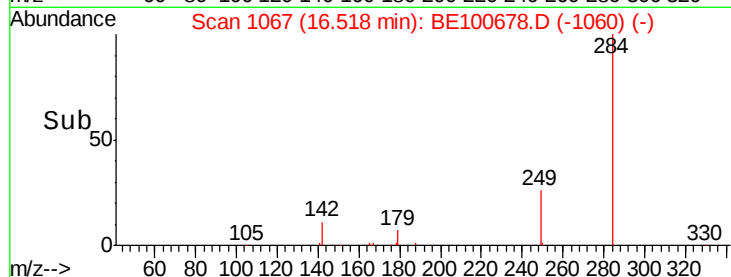
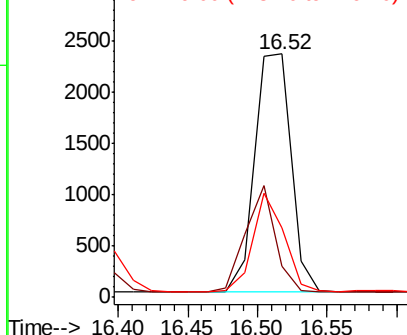
#21
Hexachlorobenzene
Concen: 0.446 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	28.6	42.8
249	34.8	26.3	39.5

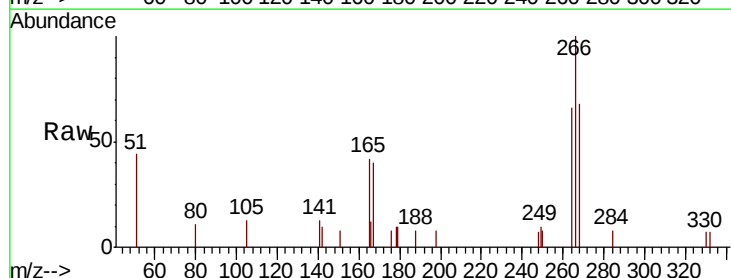


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

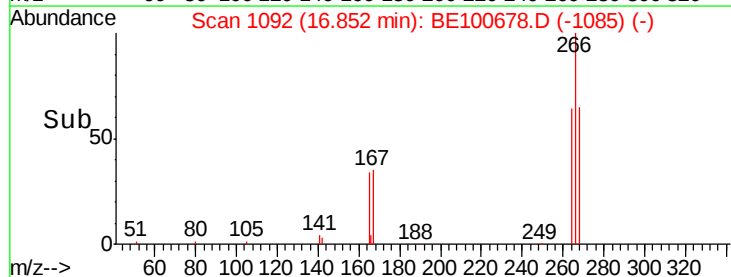
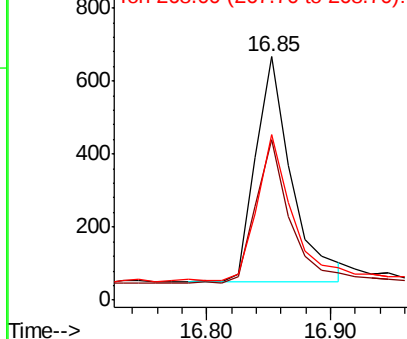


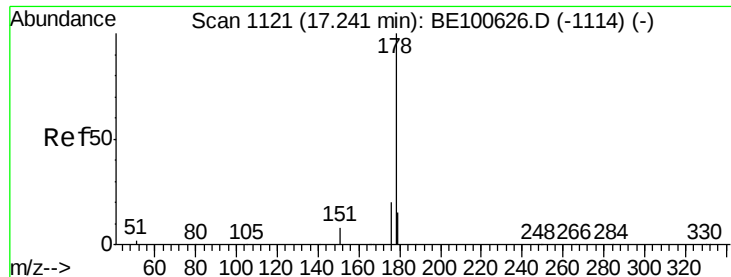
#22
Pentachlorophenol
Concen: 0.401 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.8	52.2	78.4
268	67.8	53.1	79.7



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

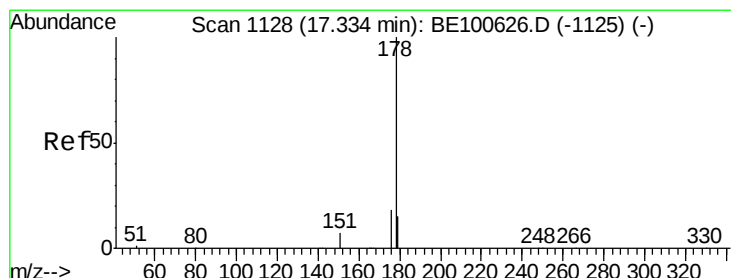
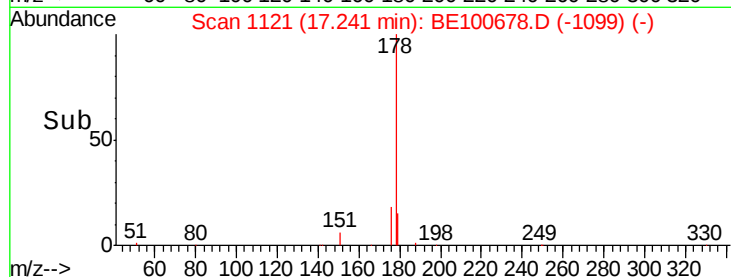
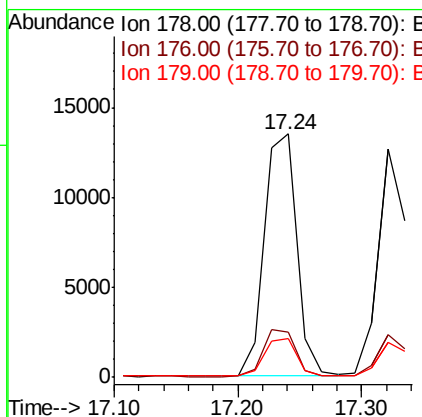
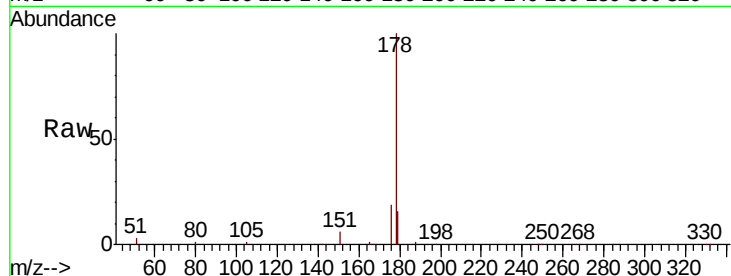




#23
Phenanthrene
Concen: 0.455 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

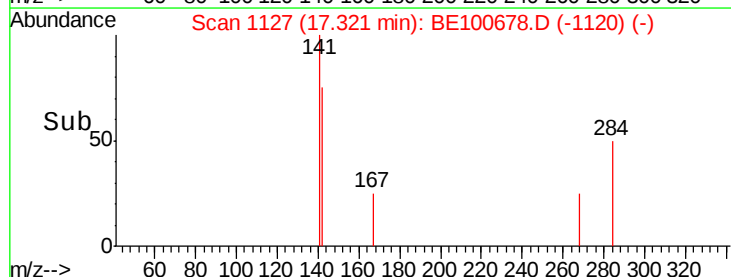
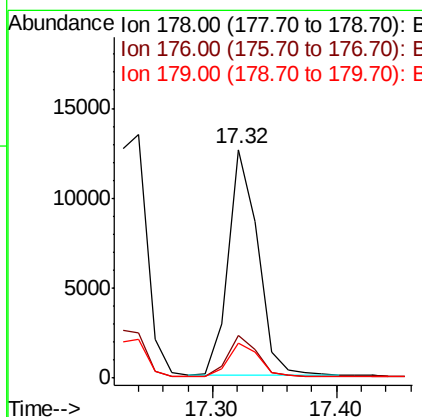
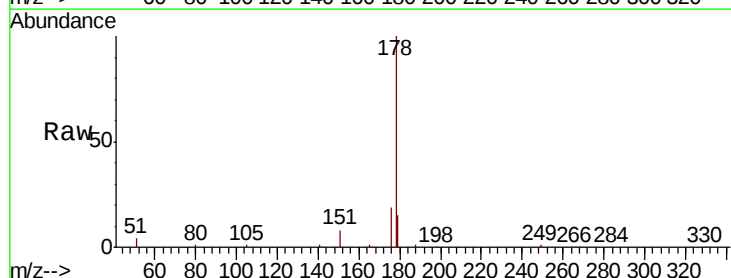
Instrument :
BNA_E
ClientSampleId :

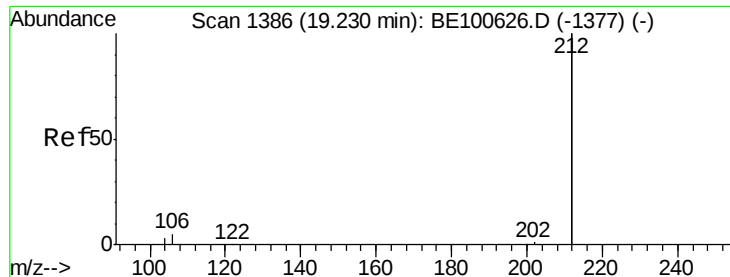
Tot Ion:178 Resp: 24506
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.4 12.1 18.1



#24
Anthracene
Concen: 0.414 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE100678.D
Acq: 28 Oct 2019 17:52

Tgt Ion:178 Resp: 20689
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.2 12.5 18.7

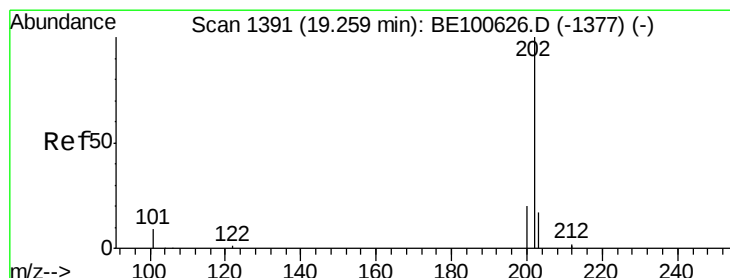
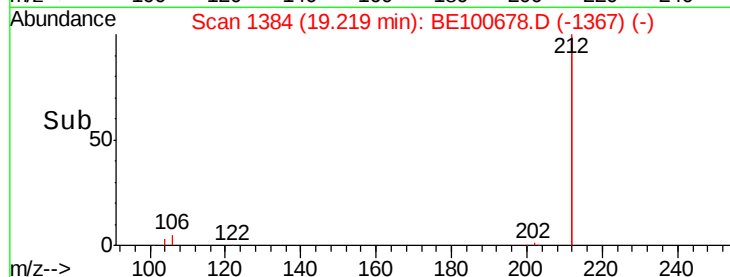
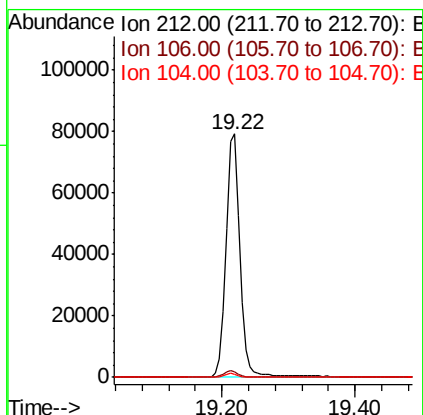
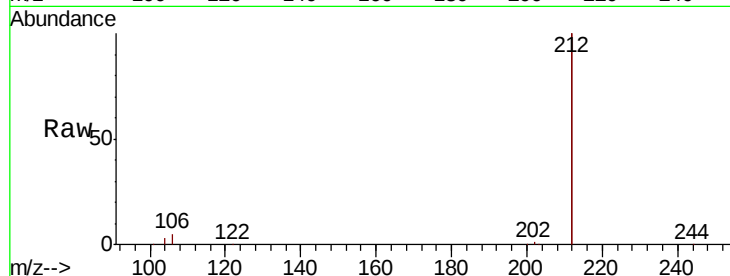




#25
 Fluoranthene-d10
 Concen: 0.451 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

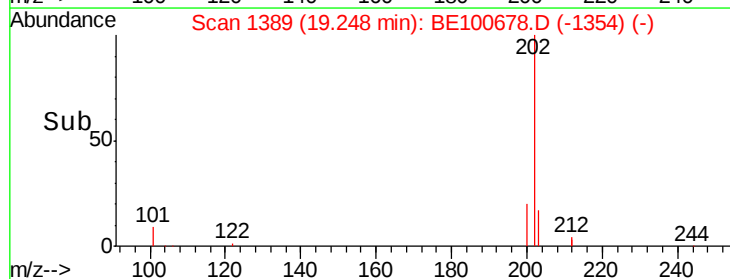
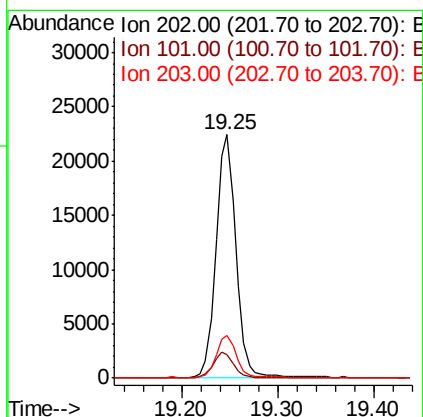
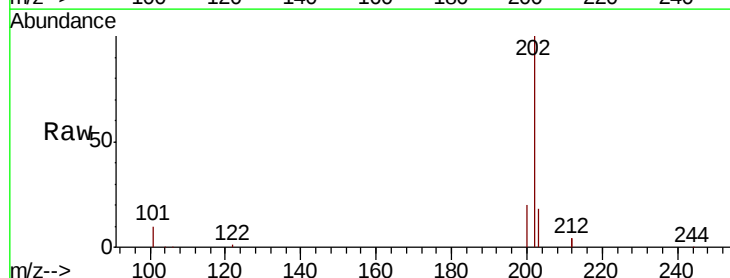
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 113963
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.3 3.5
 104 1.6 1.3 1.9



#26
 Fluoranthene
 Concen: 0.458 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

Tgt Ion:202 Resp: 32177
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.5 12.7
 203 17.3 13.8 20.8

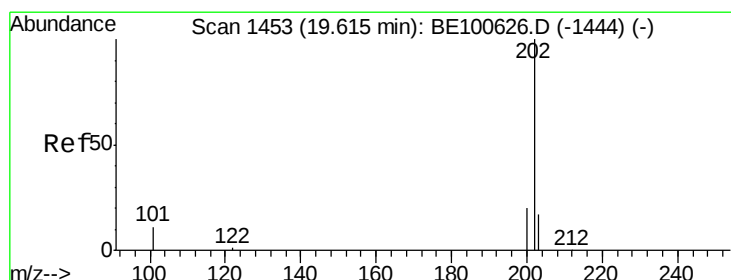
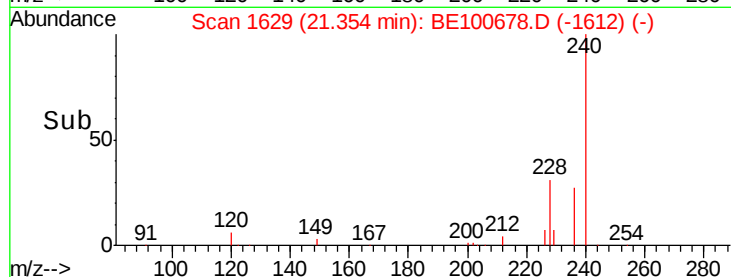
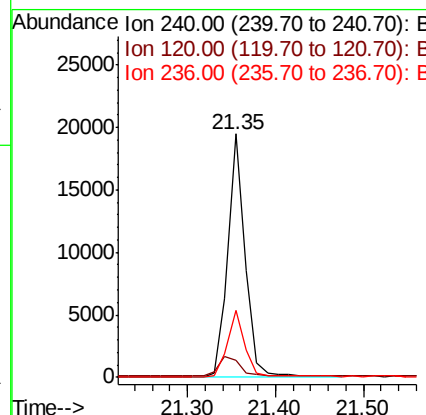
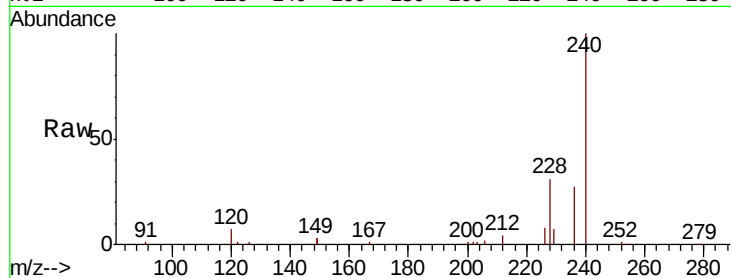




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

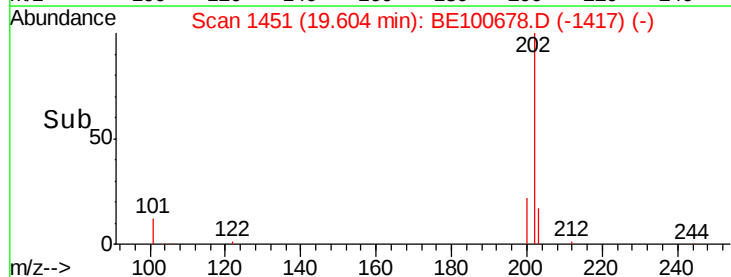
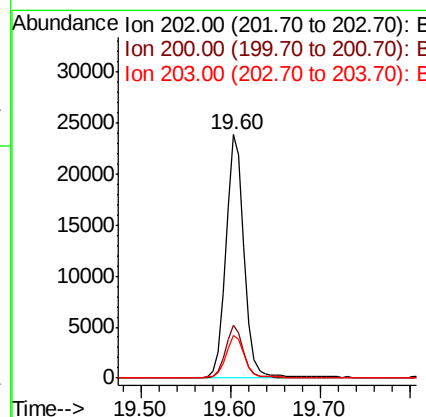
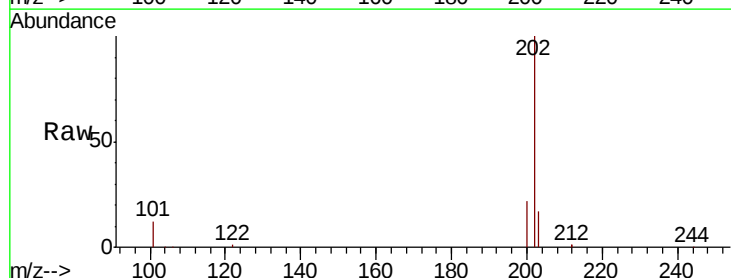
Instrument :
 BNA_E
 ClientSampled :

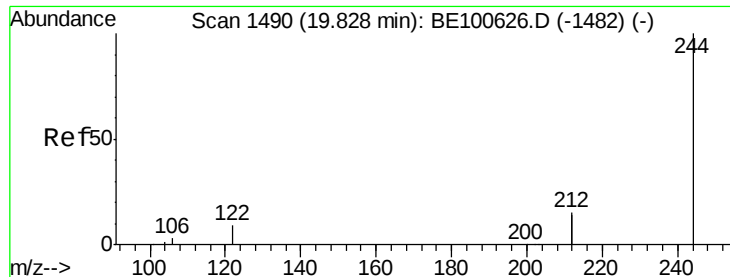
Tot Ion:240 Resp: 26532
 Ion Ratio Lower Upper
 240 100
 120 7.1 7.6 11.4#
 236 27.5 22.1 33.1



#28
 Pyrene
 Concen: 0.448 ng
 RT: 19.60 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

Tgt Ion:202 Resp: 33245
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.7 25.1
 203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

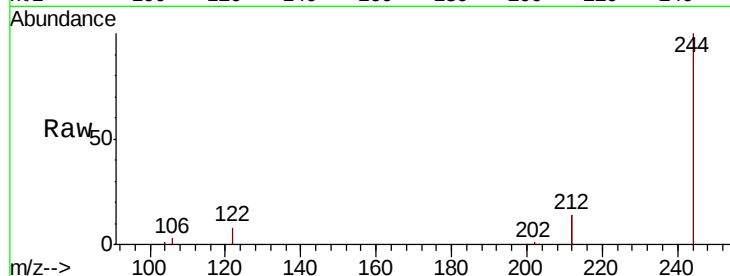
Tot Ion:244 Resp: 25661

Ion Ratio Lower Upper

244 100

212 28.9 23.7 35.5

122 8.0 7.9 11.9

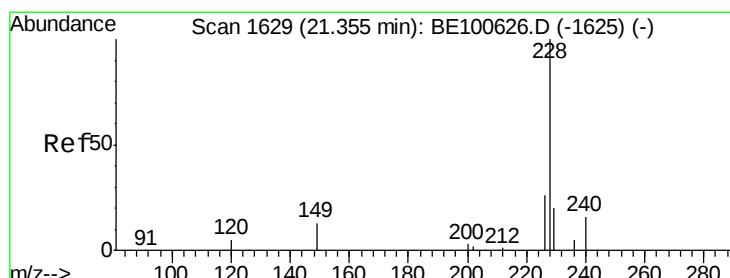
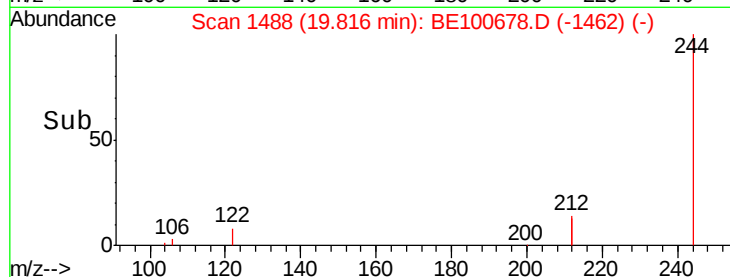
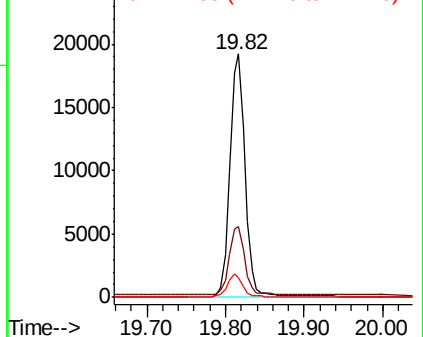


Abundance

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: 0.439 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

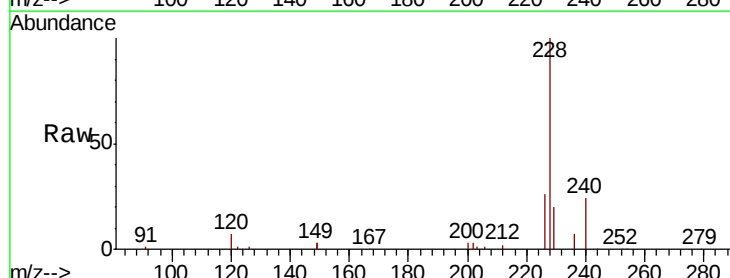
Tgt Ion:228 Resp: 37992

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.0

229 20.4 16.0 24.0

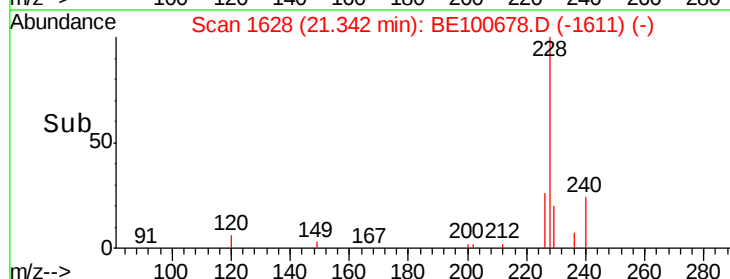
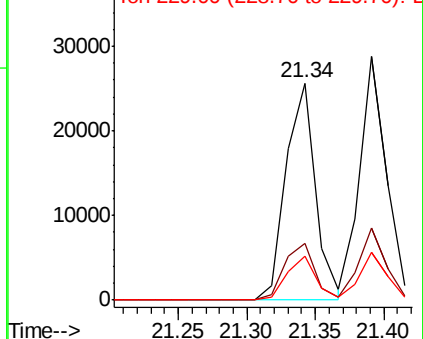


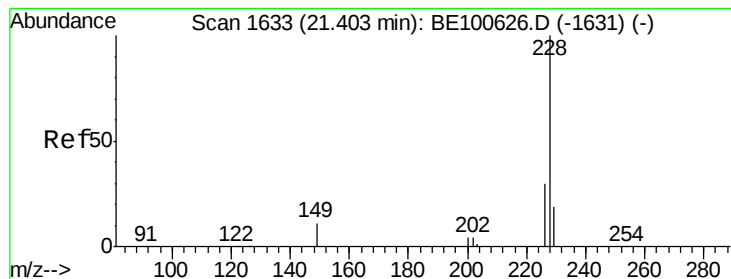
Abundance

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





#31

Chrysene

Concen: 0.450 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

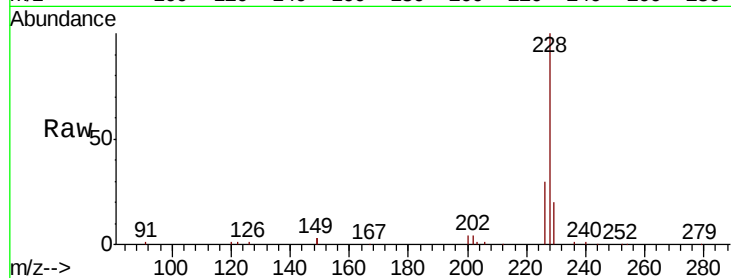
Tot Ion:228 Resp: 38909

Ion Ratio Lower Upper

228 100

226 29.7 24.6 37.0

229 19.7 15.8 23.8

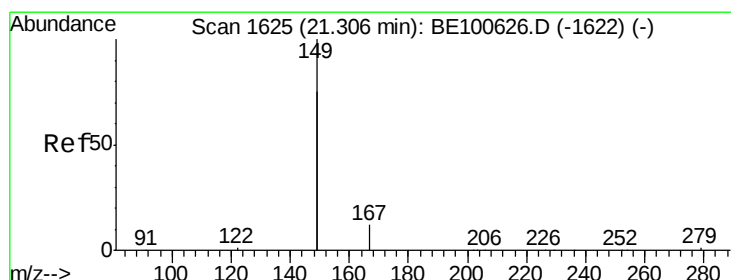
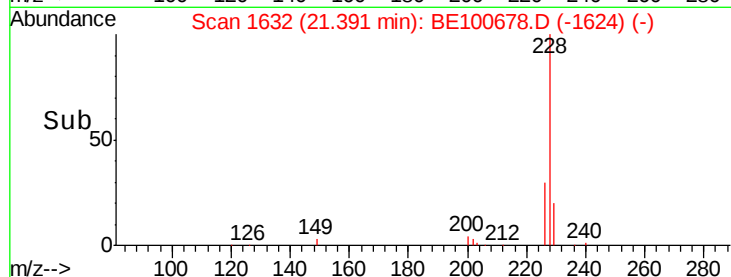
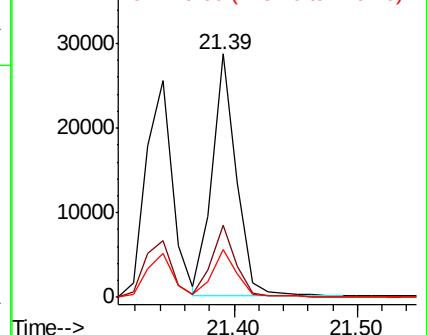


Abundance

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: 0.426 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

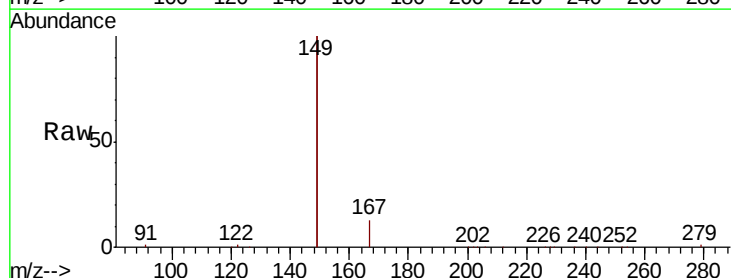
Tgt Ion:149 Resp: 77142

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

279 1.0 0.9 1.3

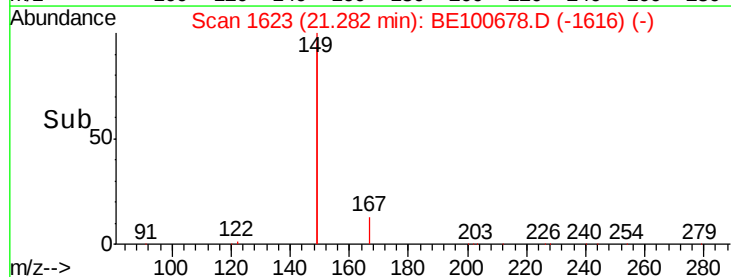
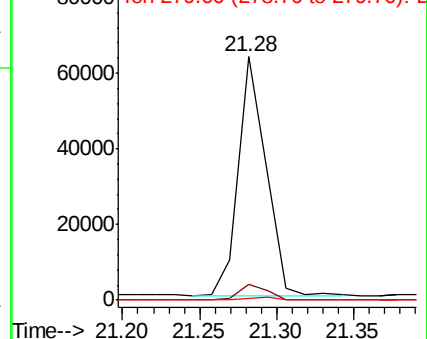


Abundance

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

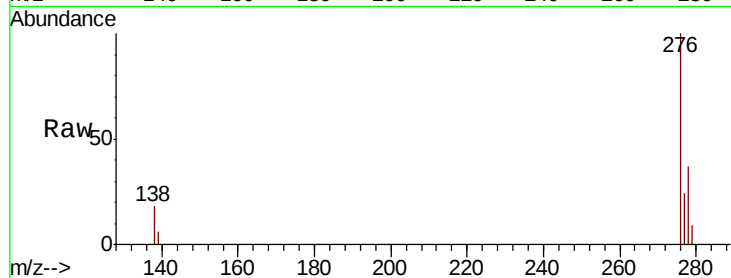




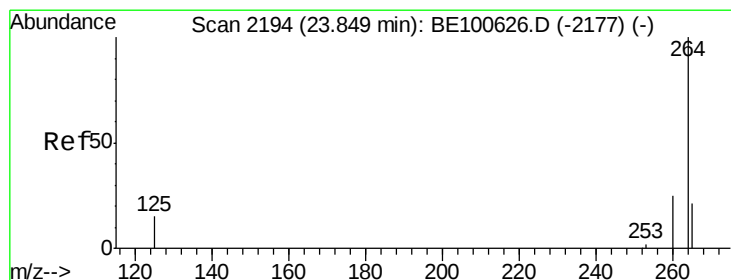
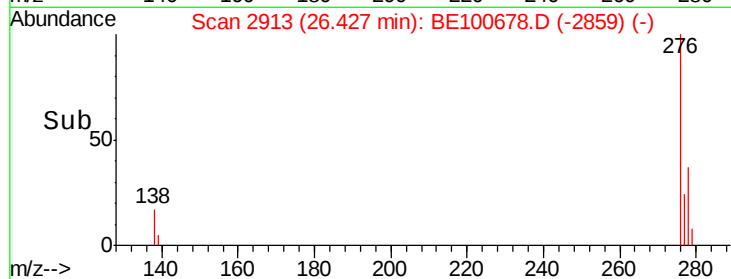
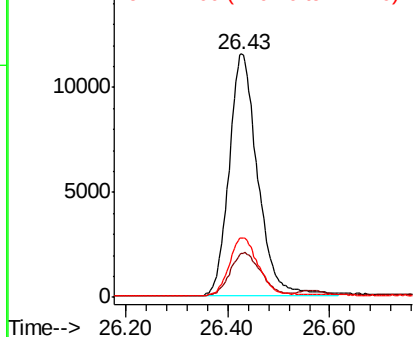
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.425 ng
 RT: 26.43 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 45206
 Ion Ratio Lower Upper
 276 100
 138 18.8 15.3 22.9
 277 24.1 19.4 29.2

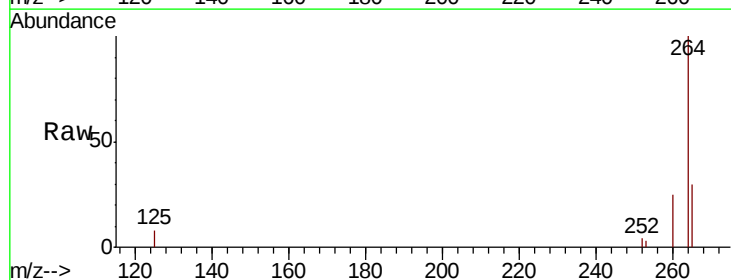


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

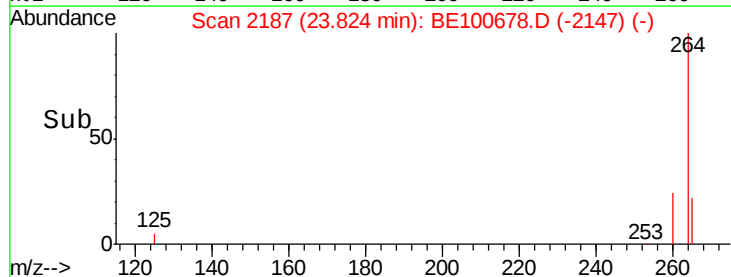
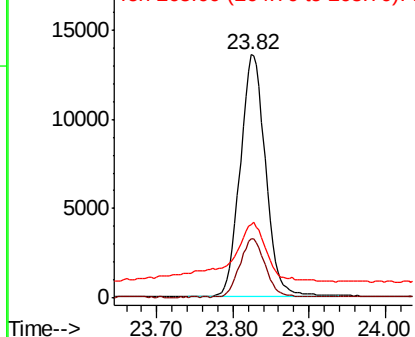


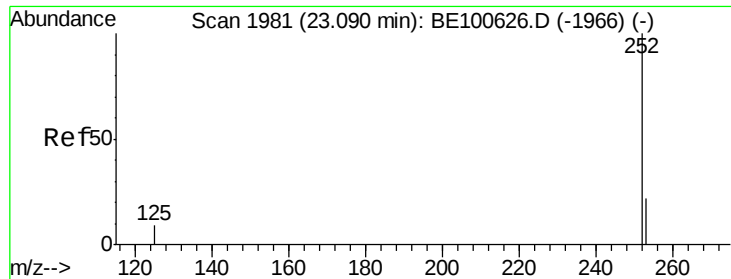
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.82 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BE100678.D
 Acq: 28 Oct 2019 17:52

Tgt Ion:264 Resp: 31508
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 30.0 21.7 32.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 23.07 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

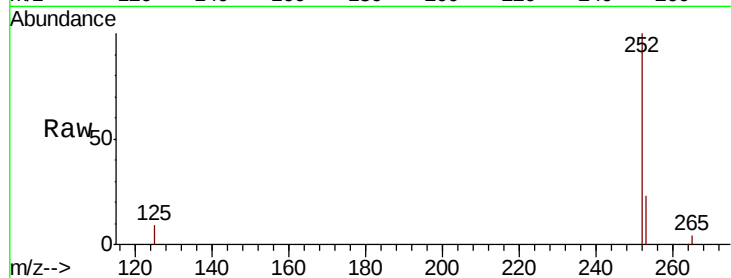
Tot Ion:252 Resp: 37769

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

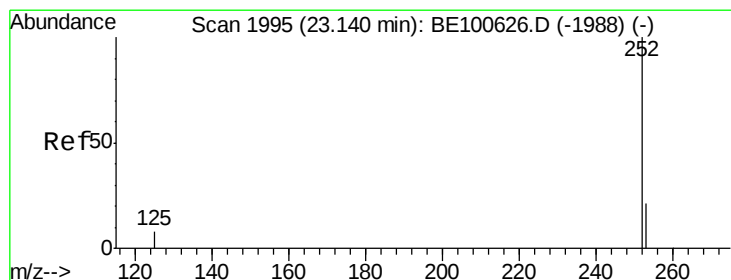
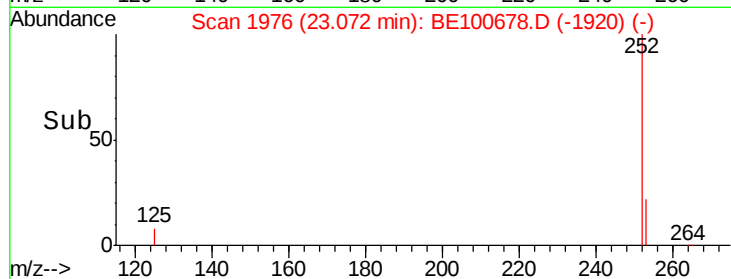
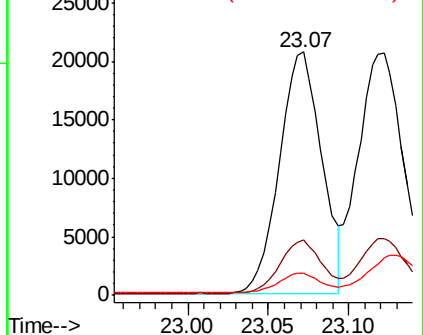
125 9.1 7.6 11.4



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



#36

Benzo(k)fluoranthene

Concen: 0.442 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

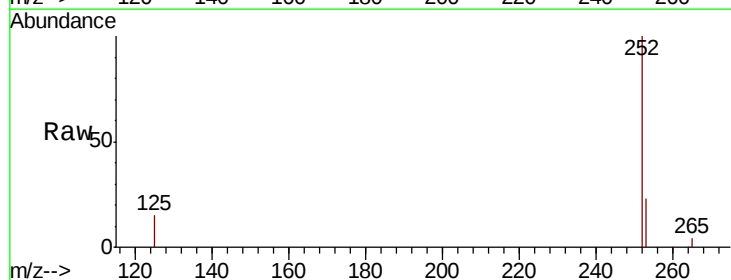
Tgt Ion:252 Resp: 41765

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

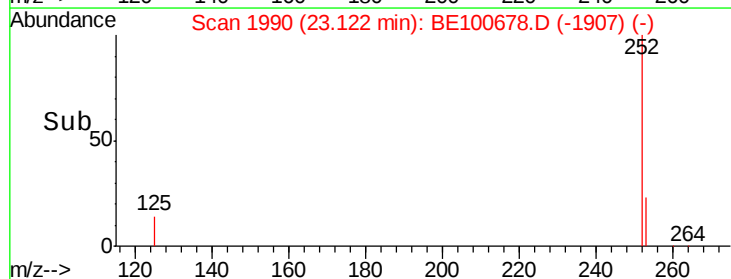
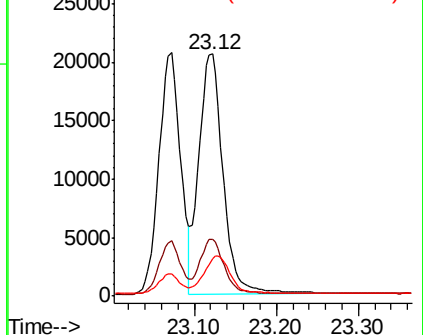
125 15.2 11.6 17.4

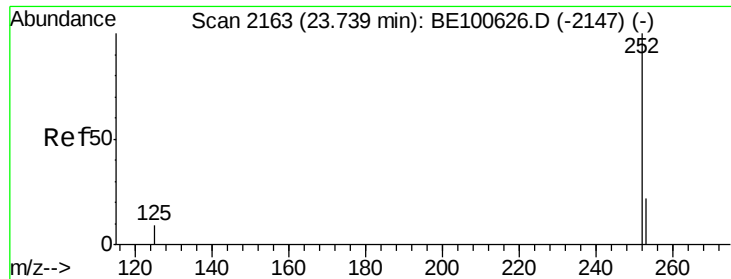


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.420 ng

RT: 23.71 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :

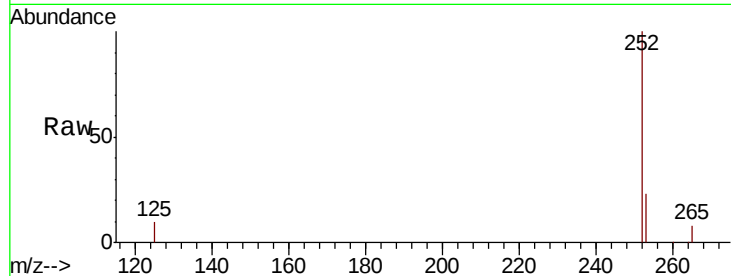
Tot Ion:252 Resp: 35898

Ion Ratio Lower Upper

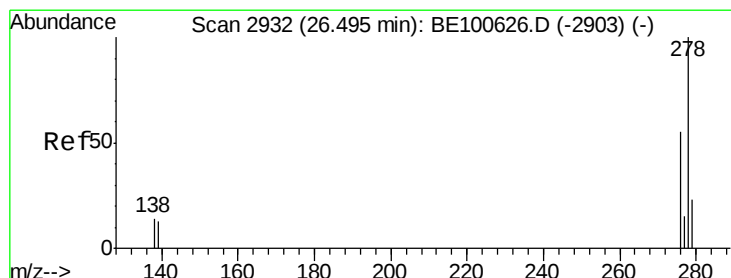
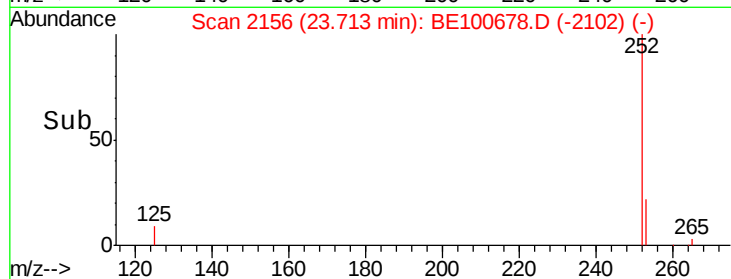
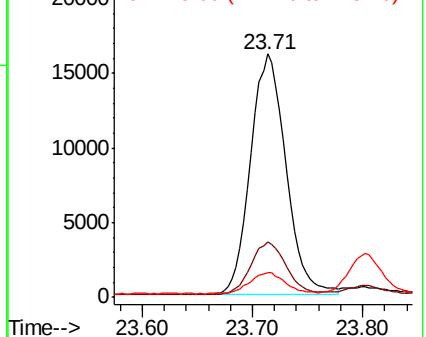
252 100

253 22.7 18.4 27.6

125 10.2 8.2 12.4



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



#38

Dibenzo(a,h)anthracene

Concen: 0.422 ng

RT: 26.46 min Scan# 2922

Delta R.T. -0.00 min

Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

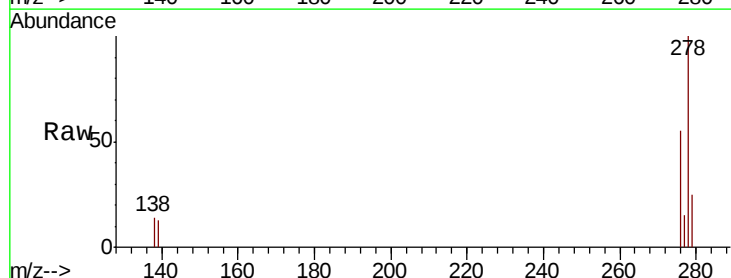
Tgt Ion:278 Resp: 37327

Ion Ratio Lower Upper

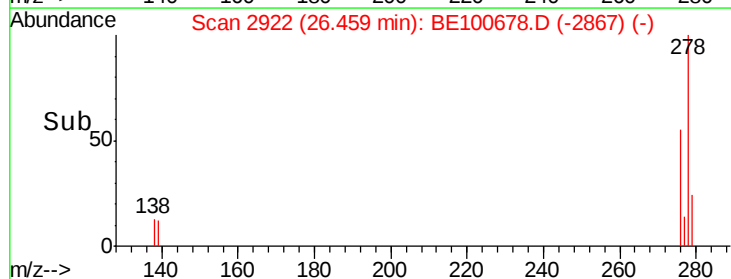
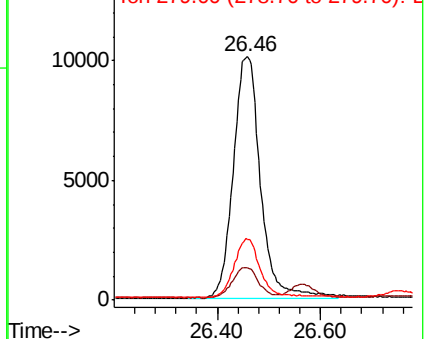
278 100

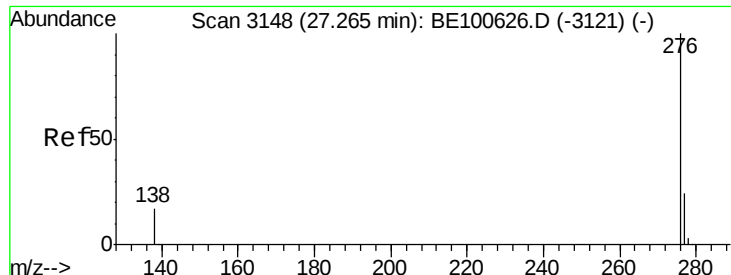
139 13.3 10.9 16.3

279 24.8 19.4 29.2



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





#39

Benzo(a,h,i)perylene

Concen: 0.435 ng

RT: 27.22 min Scan# 3136

Delta R.T. -0.01 min

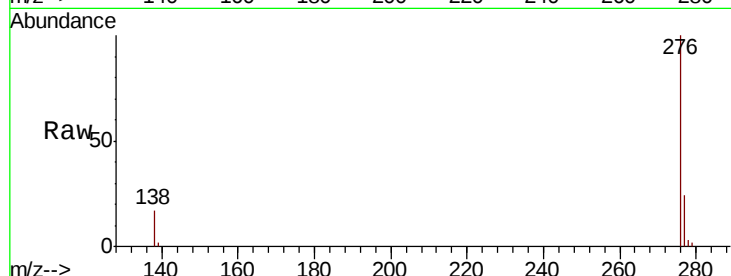
Lab File: BE100678.D

Acq: 28 Oct 2019 17:52

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 38699

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 16.9 13.6 20.4

