

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
 Data File : BE100578.D
 Acq On : 27 Sep 2019 18:34
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE092719

Quant Time: Sep 27 19:09:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 27 18:32:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3229	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	16210	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	10061	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	25178	0.40	ng	0.00
27) Chrysene-d12	21.38	240	28958	0.40	ng	0.01
34) Perylene-d12	23.86	264	33737	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	3537	0.37	ng	0.00
5) Phenol-d6	7.02	99	4746	0.37	ng	0.00
8) Nitrobenzene-d5	9.00	82	4265	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	9634	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1068	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	13573	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	118836	0.37	ng	0.00
29) Terphenyl-d14	19.83	244	27078	0.38	ng	0.00

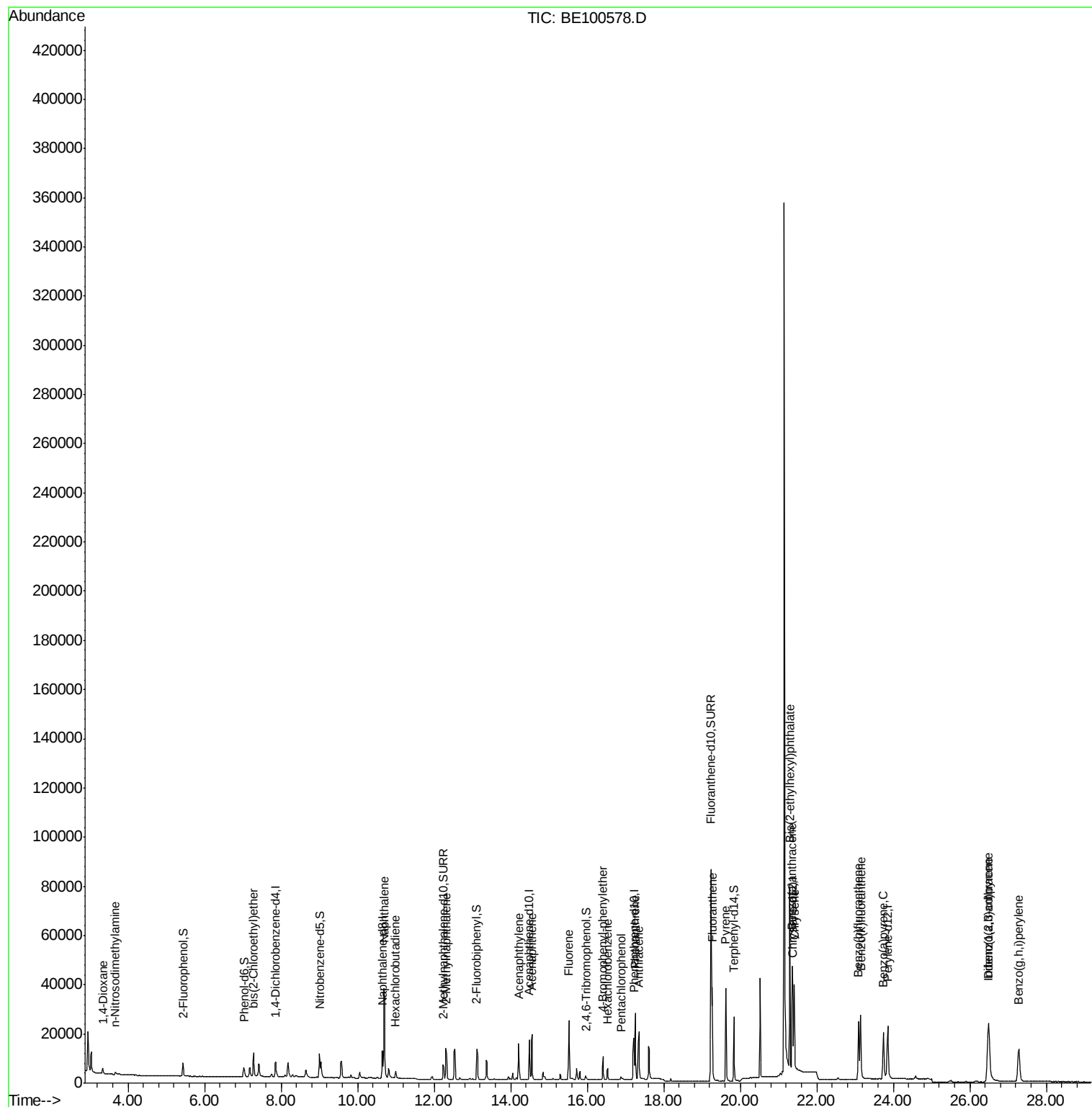
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2192	0.376	ng	97
3) n-Nitrosodimethylamine	3.66	42	1118	0.361	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	4235	0.379	ng	99
9) Naphthalene	10.69	128	65647	0.390	ng	100
10) Hexachlorobutadiene	10.99	225	1992	0.388	ng	98
12) 2-Methylnaphthalene	12.31	142	10984	0.384	ng	99
16) Acenaphthylene	14.21	152	17261	0.385	ng	100
17) Acenaphthene	14.56	154	10946	0.380	ng	100
18) Fluorene	15.52	166	14702	0.393	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	4360	0.372	ng	97
21) Hexachlorobenzene	16.53	284	3707	0.384	ng	98
22) Pentachlorophenol	16.88	266	1025	0.470	ng	96
23) Phenanthrene	17.26	178	27905	0.393	ng	100
24) Anthracene	17.35	178	23799	0.370	ng	100
26) Fluoranthene	19.27	202	34158	0.383	ng	100
28) Pyrene	19.62	202	35517	0.405	ng	100
30) Benzo(a)anthracene	21.35	228	32814	0.385	ng	99
31) Chrysene	21.41	228	34913	0.401	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	82242	0.363	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	42122	0.393	ng	97
35) Benzo(b)fluoranthene	23.09	252	35036	0.380	ng	99
36) Benzo(k)fluoranthene	23.14	252	37938	0.377	ng	100
37) Benzo(a)pyrene	23.74	252	33464	0.380	ng	100
38) Dibenzo(a,h)anthracene	26.50	278	34365	0.383	ng	99
39) Benzo(g,h,i)perylene	27.28	276	35187	0.383	ng	98

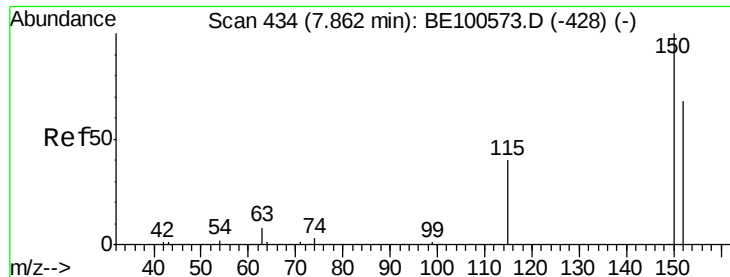
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 18:32:20 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

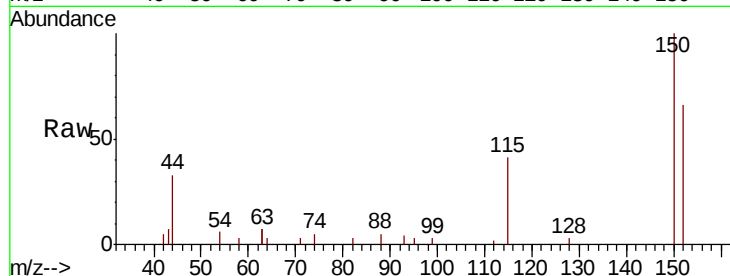
Tot Ion:152 Resp: 3229

Ion Ratio Lower Upper

152 100

150 152.2 116.9 175.3

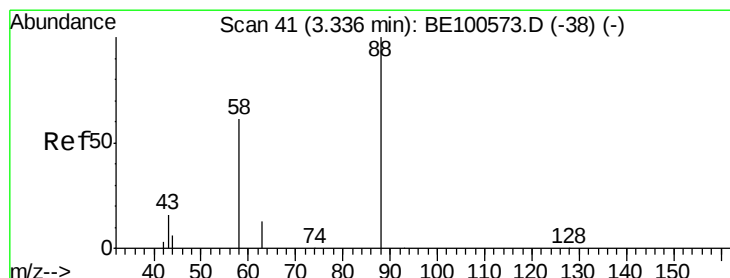
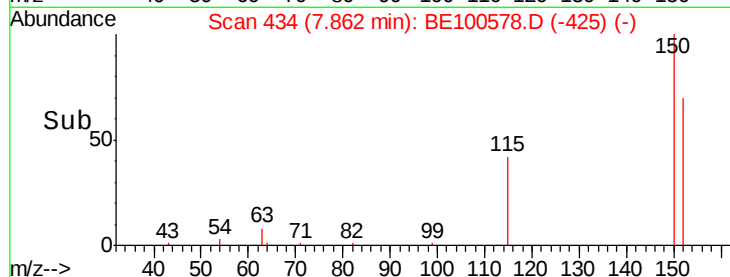
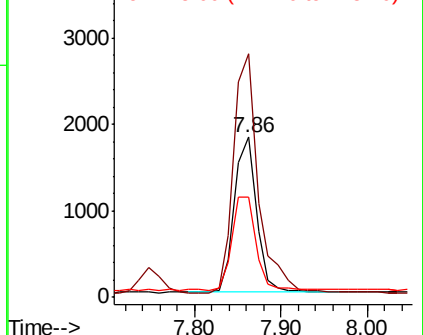
115 62.7 50.2 75.4



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: 0.376 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

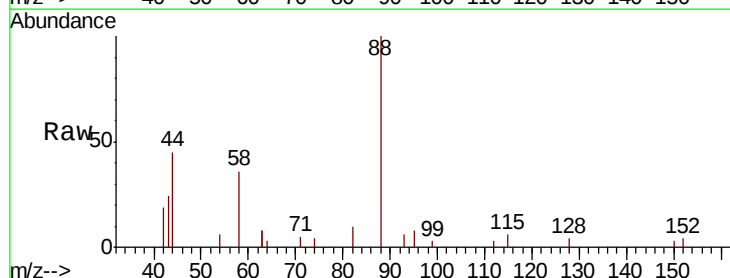
Tgt Ion: 88 Resp: 2192

Ion Ratio Lower Upper

88 100

58 60.3 46.4 69.6

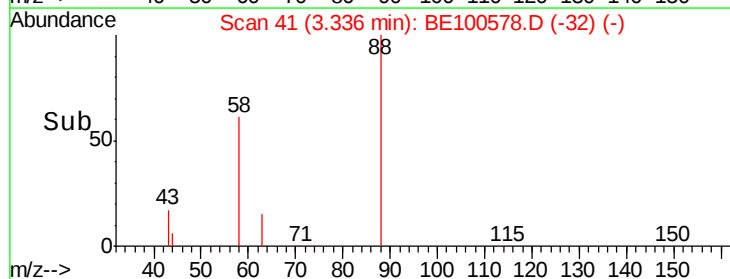
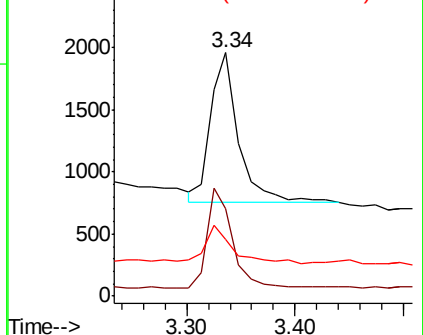
43 22.6 16.7 25.1

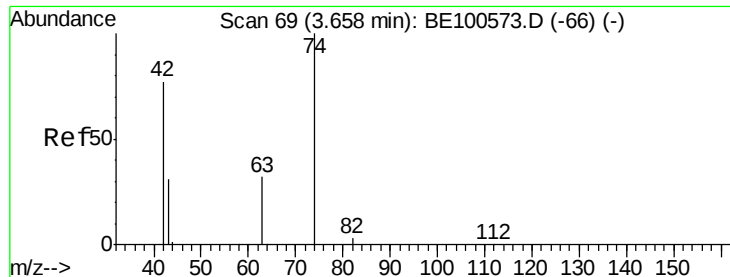


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.361 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

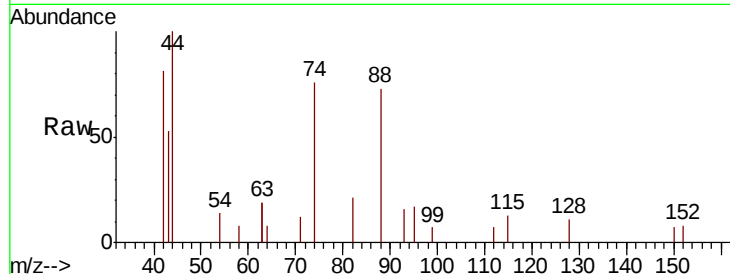
Tot Ion: 42 Resp: 1118

Ion Ratio Lower Upper

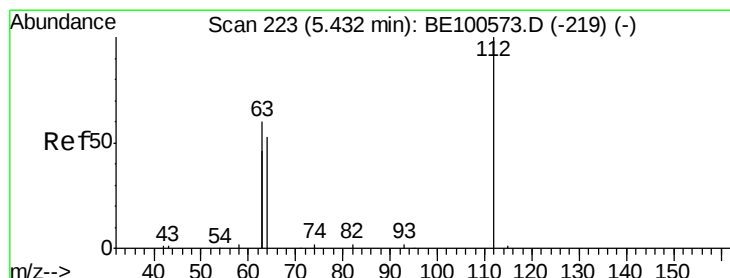
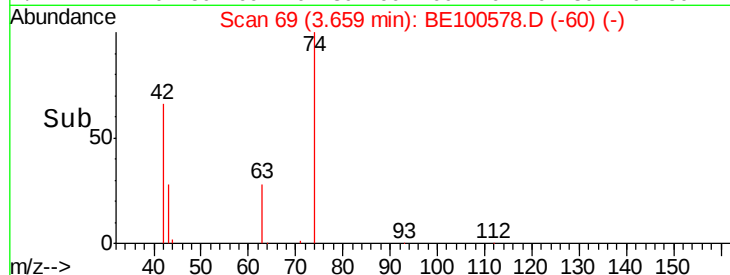
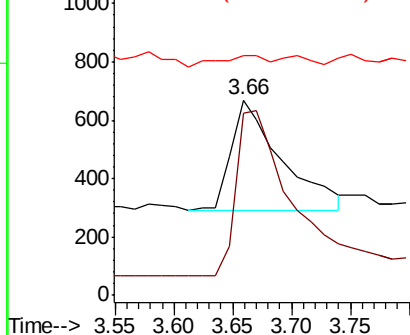
42 100

74 161.7 0.0 0.0#

44 10.4 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: 0.371 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

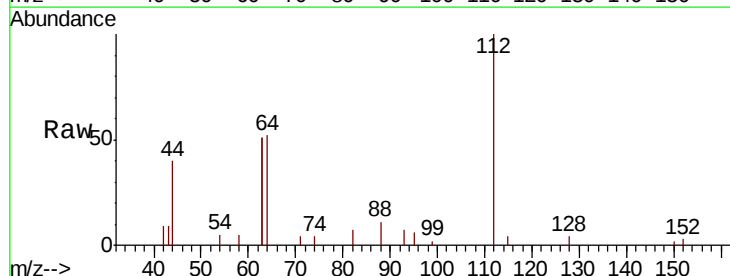
Tgt Ion: 112 Resp: 3537

Ion Ratio Lower Upper

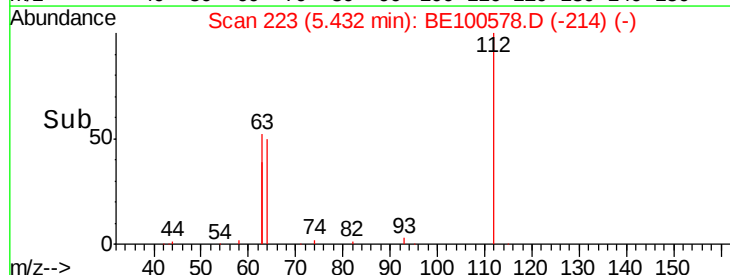
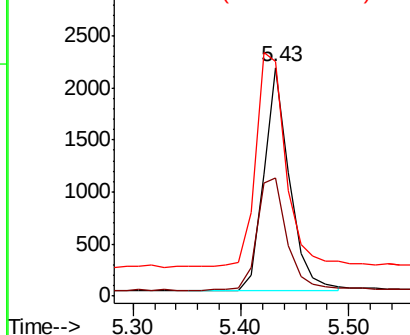
112 100

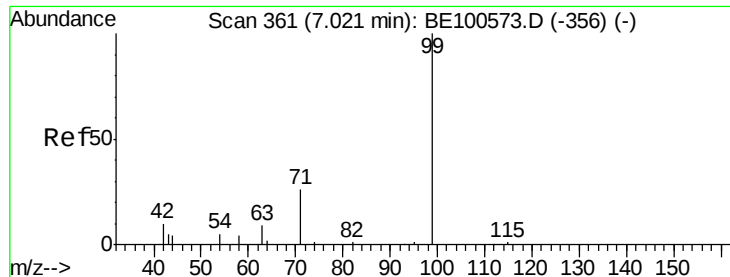
64 58.4 44.9 67.3

63 112.0 90.1 135.1



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





#5

Phenol-d6

Concen: 0.367 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

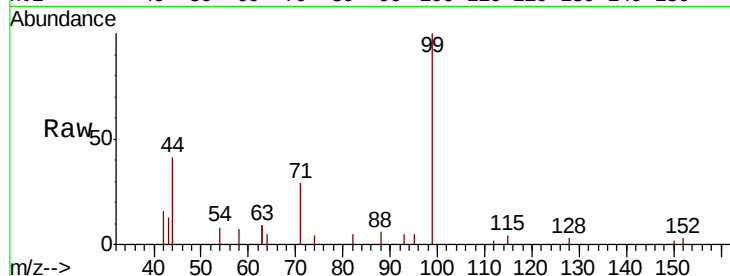
Tot Ion: 99 Resp: 4746

Ion Ratio Lower Upper

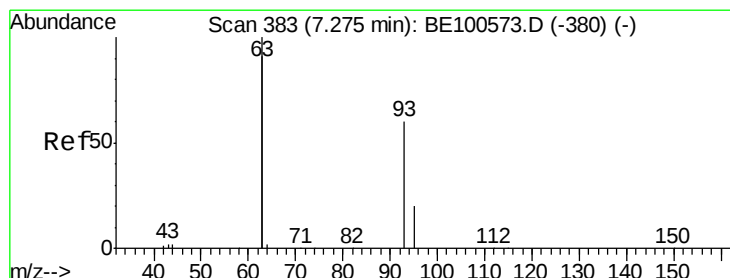
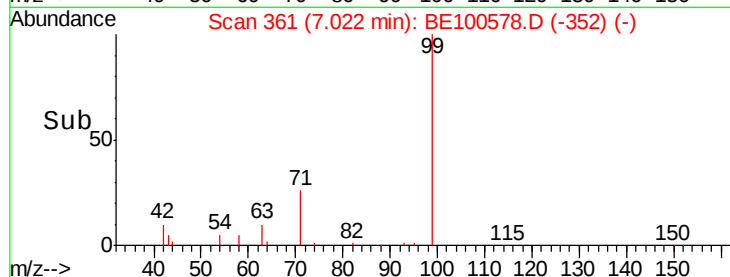
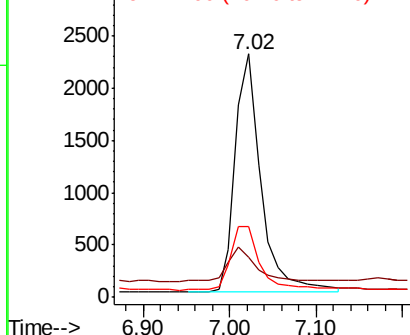
99 100

42 15.9 11.7 17.5

71 30.0 23.6 35.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.379 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

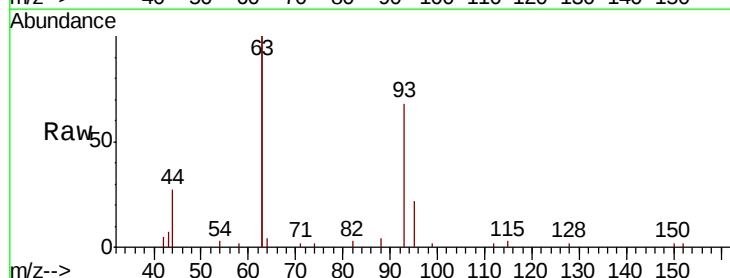
Tgt Ion: 93 Resp: 4235

Ion Ratio Lower Upper

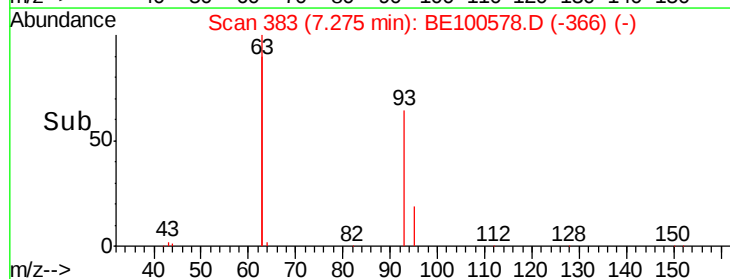
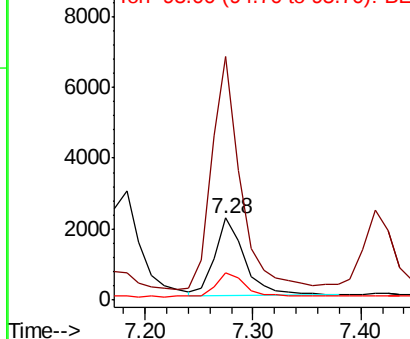
93 100

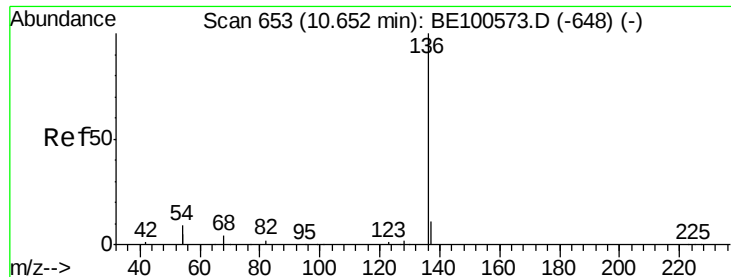
63 288.1 228.3 342.5

95 30.8 24.2 36.4



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: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

Tot Ion:136 Resp: 16210

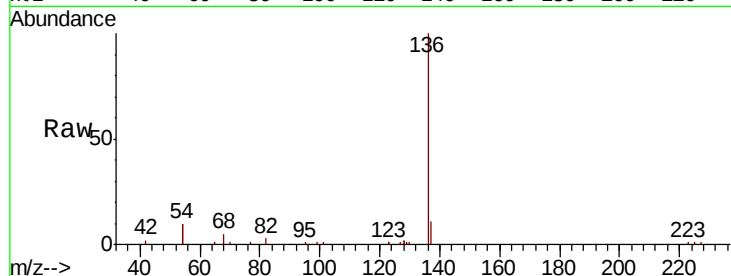
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 19.8 15.0 22.6

68 4.7 3.7 5.5

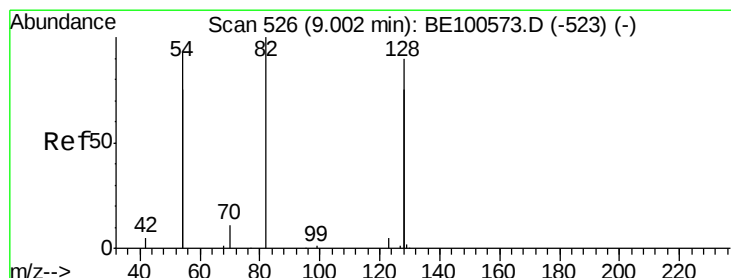
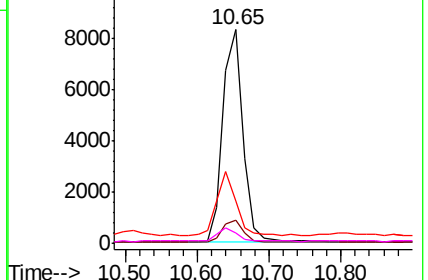
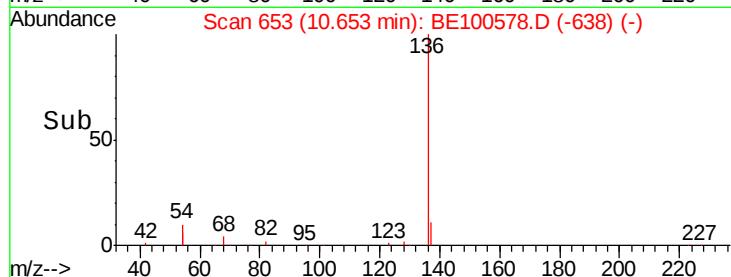


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

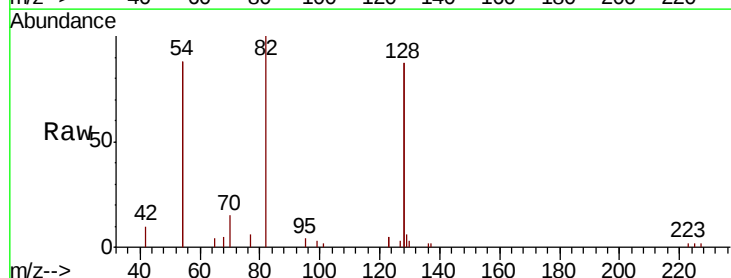
Tgt Ion: 82 Resp: 4265

Ion Ratio Lower Upper

82 100

128 174.3 137.9 206.9

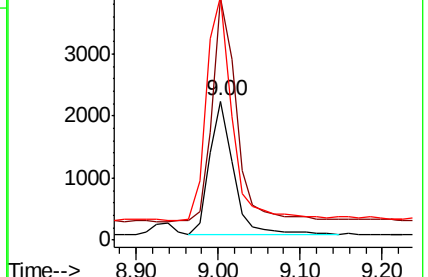
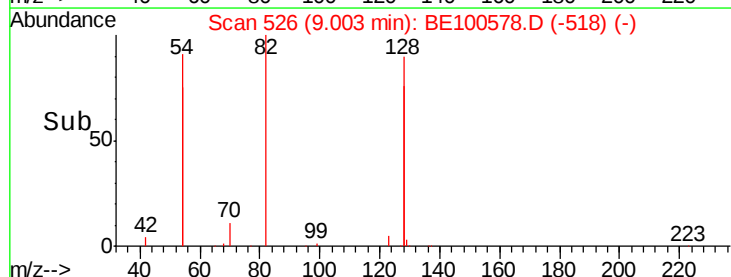
54 175.0 143.0 214.6

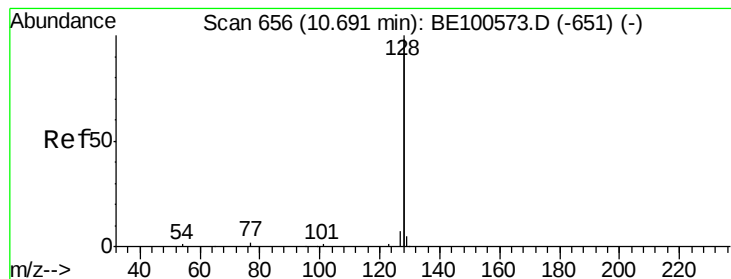


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.390 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

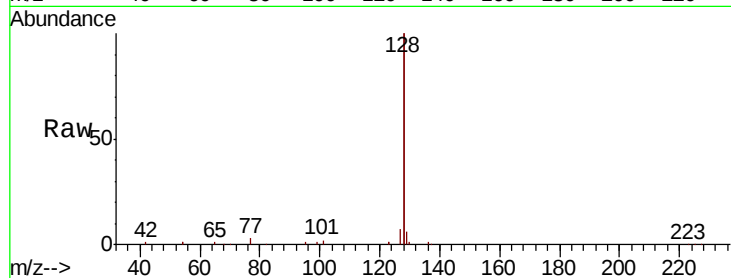
Tot Ion:128 Resp: 65647

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

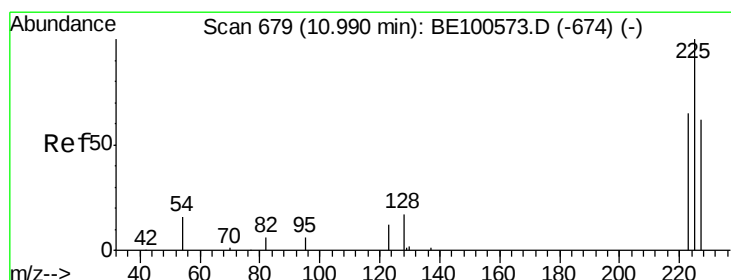
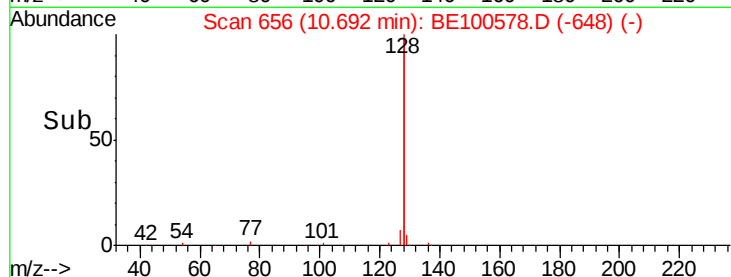
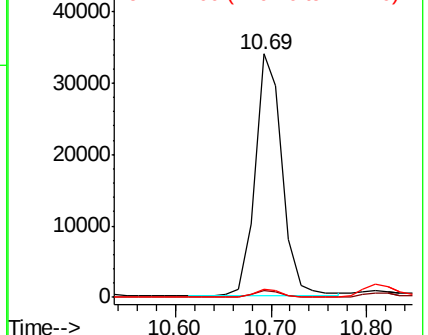
127 3.5 2.8 4.2



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: 0.388 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

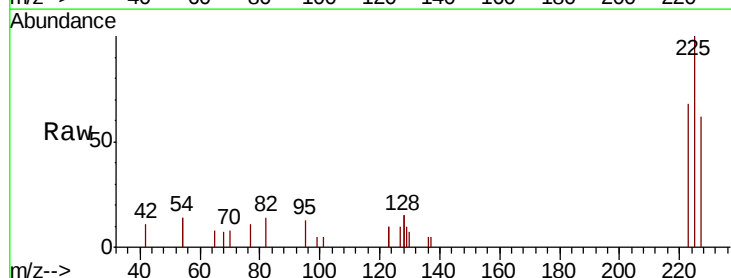
Tgt Ion:225 Resp: 1992

Ion Ratio Lower Upper

225 100

223 63.8 49.4 74.0

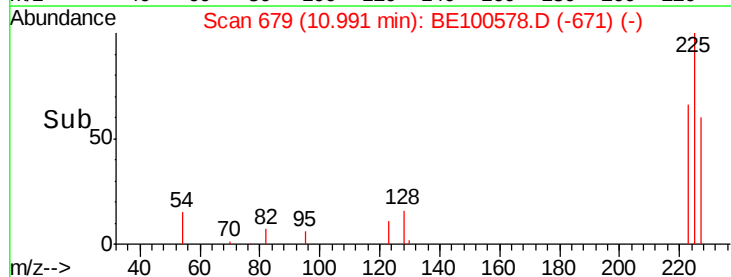
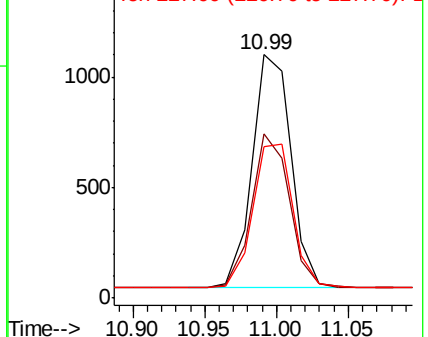
227 63.4 50.3 75.5

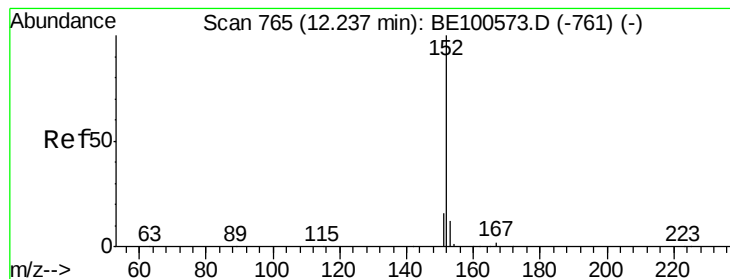


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.381 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

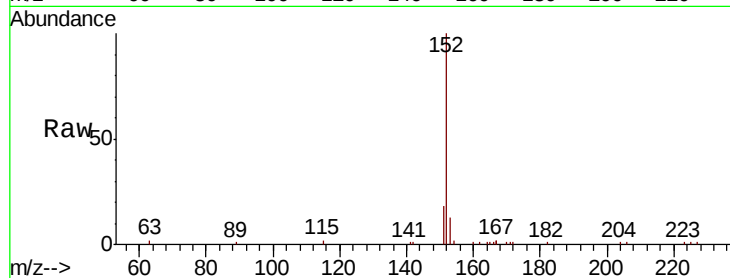
ICVBE092719

Tot Ion:152 Resp: 9634

Ion Ratio Lower Upper

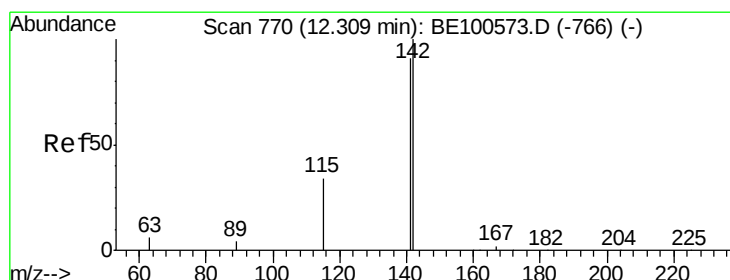
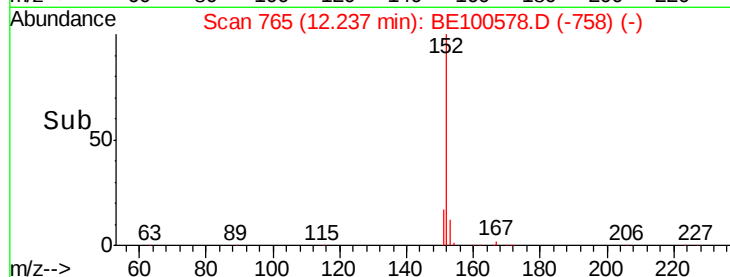
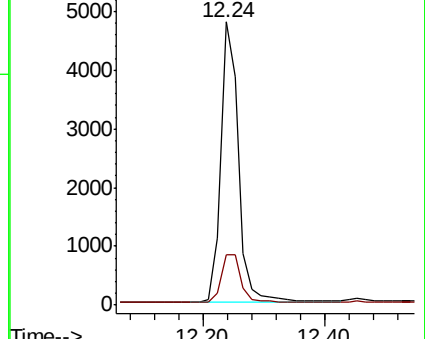
152 100

151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.384 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

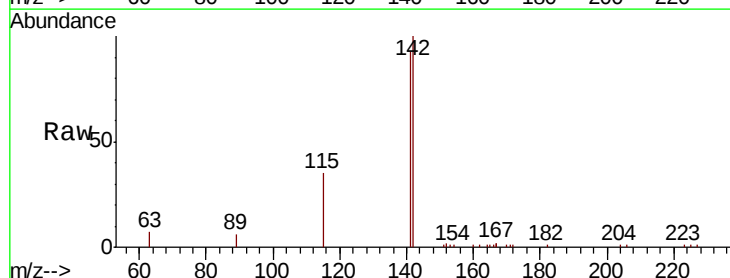
Tgt Ion:142 Resp: 10984

Ion Ratio Lower Upper

142 100

141 92.6 73.2 109.8

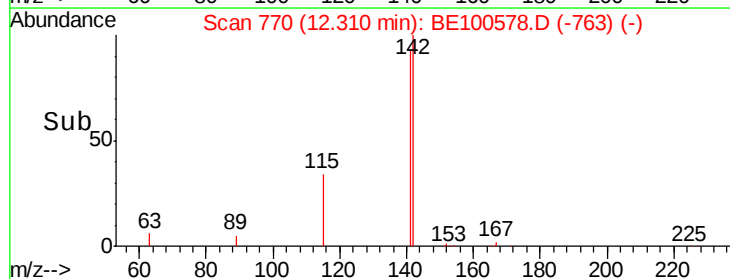
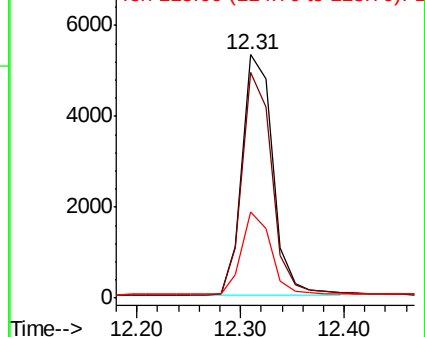
115 35.1 28.2 42.2

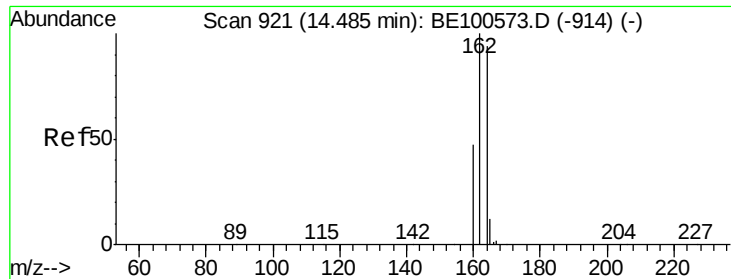


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

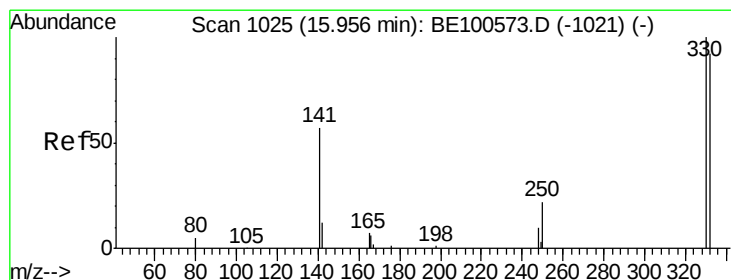
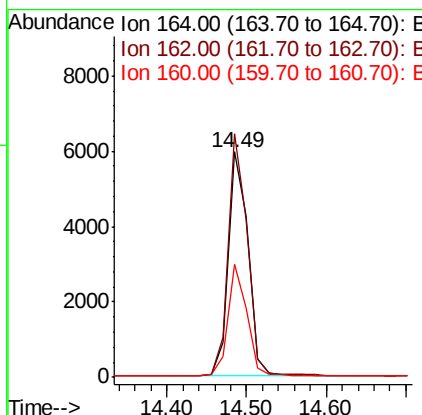
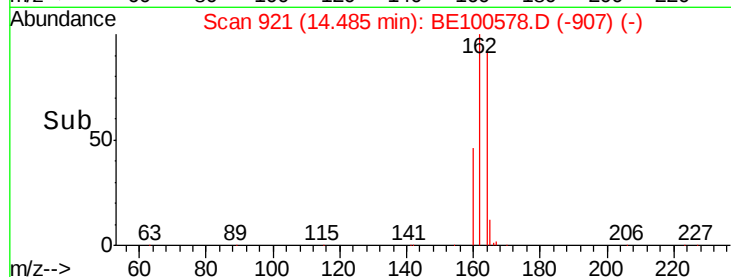
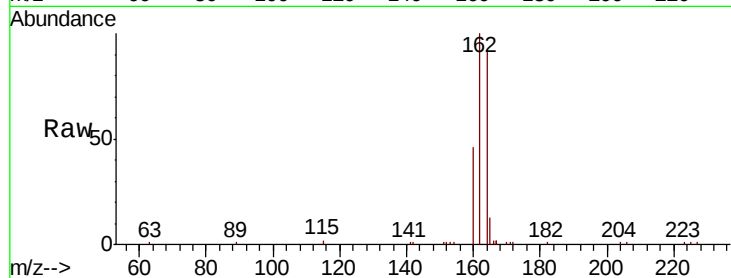




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

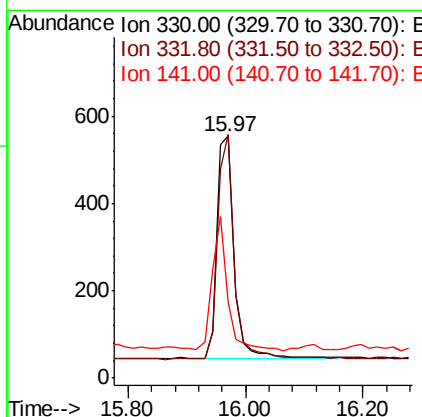
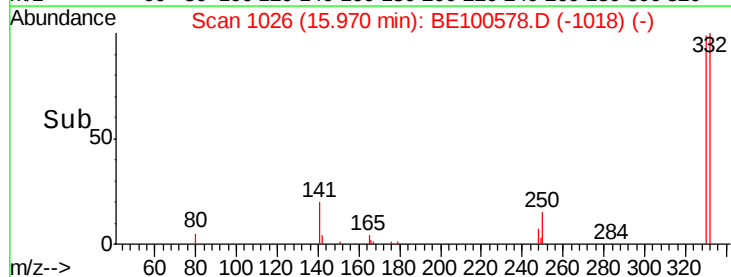
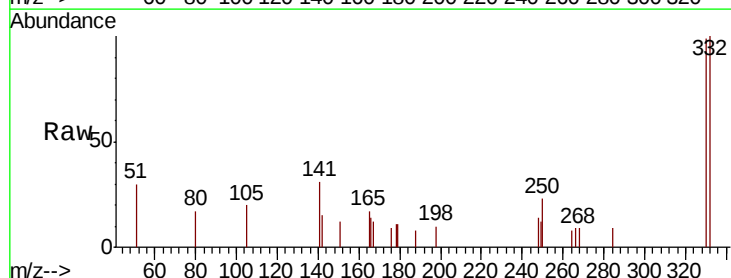
Instrument :
BNA_E
ClientSampleId :
ICVBE092719

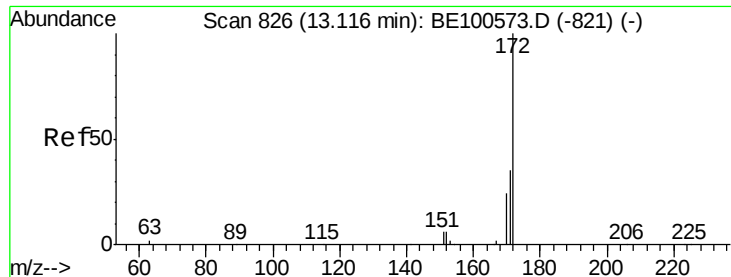
Tot Ion:164 Resp: 10061
Ion Ratio Lower Upper
164 100
162 108.1 85.0 127.4
160 50.0 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:330 Resp: 1068
Ion Ratio Lower Upper
330 100
332 94.4 78.1 117.1
141 52.5 42.1 63.1

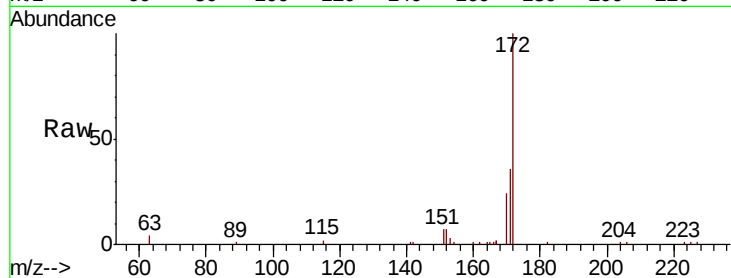




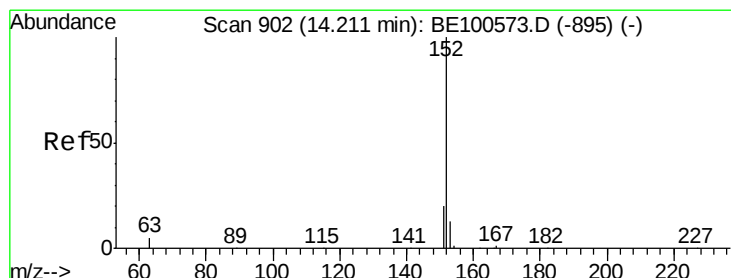
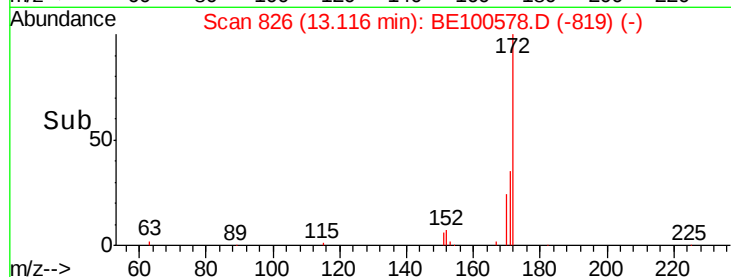
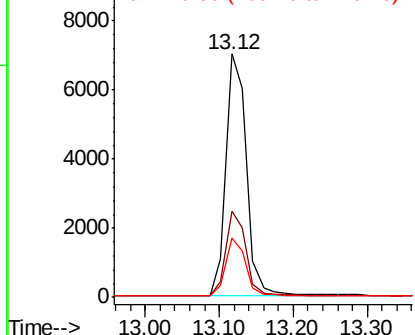
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :
ICVBE092719

Tot Ion:172 Resp: 13573
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 24.4 19.2 28.8

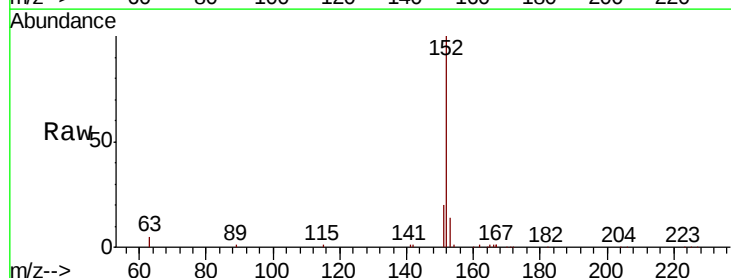


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

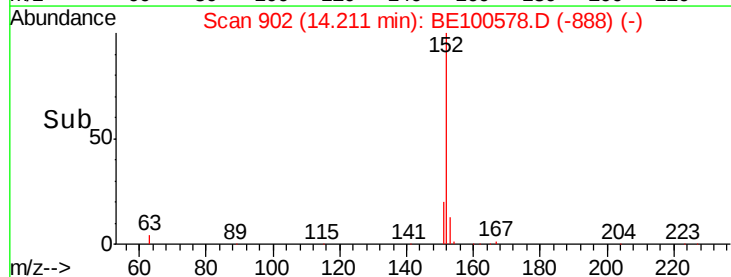
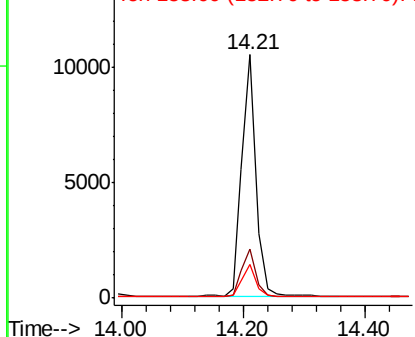


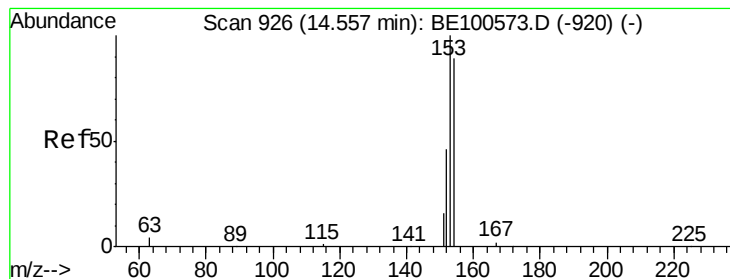
#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:152 Resp: 17261
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.6 16.0



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: 0.380 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

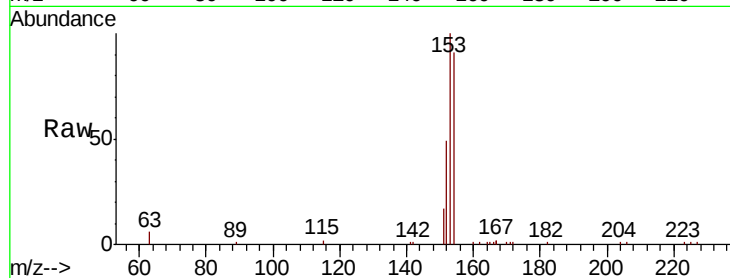
Tot Ion:154 Resp: 10946

Ion Ratio Lower Upper

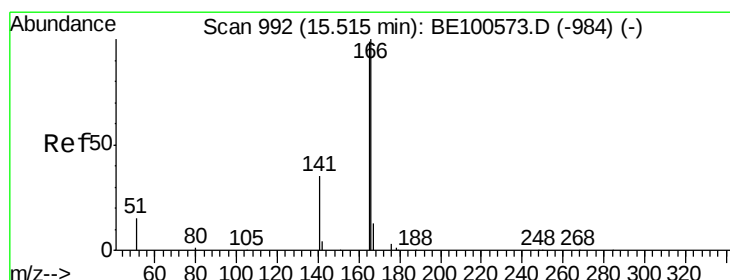
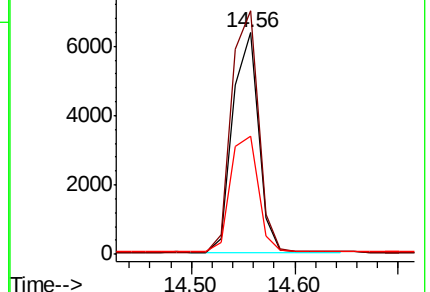
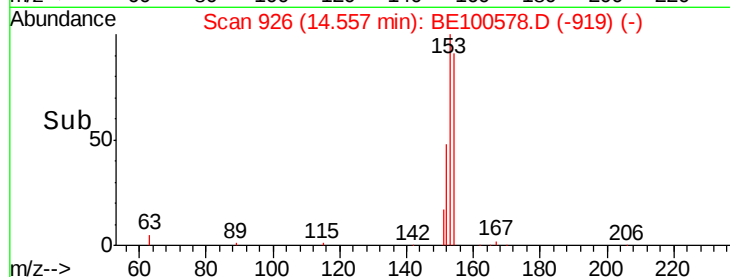
154 100

153 115.4 92.7 139.1

152 57.4 45.6 68.4



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: 0.393 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

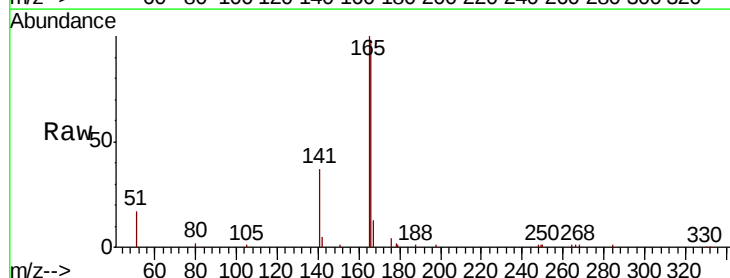
Tgt Ion:166 Resp: 14702

Ion Ratio Lower Upper

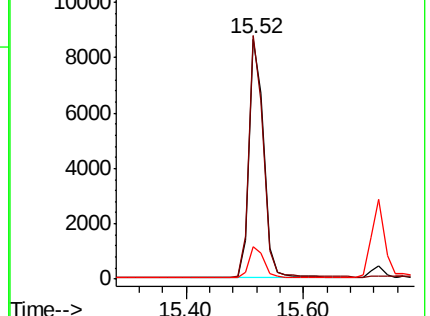
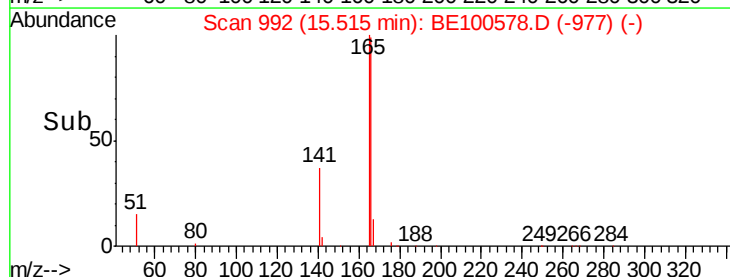
166 100

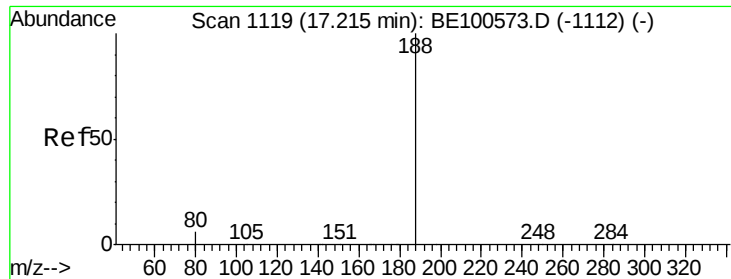
165 99.7 78.0 117.0

167 13.5 10.7 16.1



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

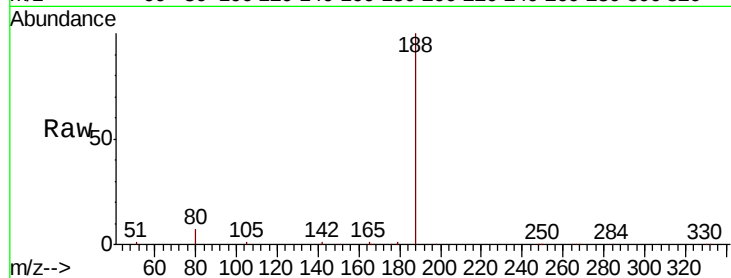
Tot Ion:188 Resp: 25178

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

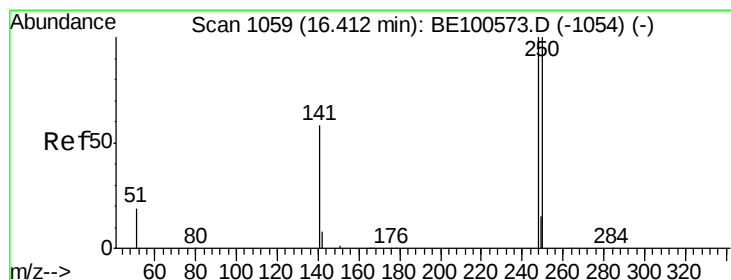
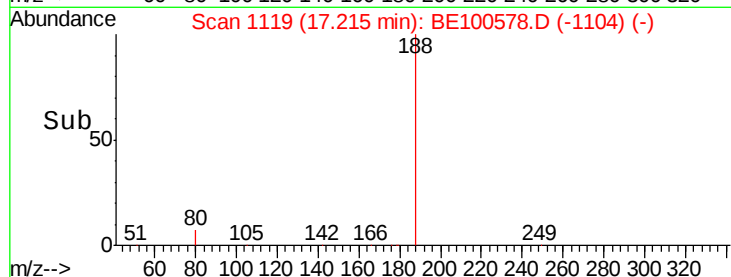
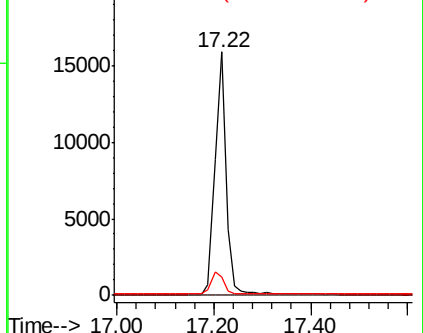
80 7.3 5.6 8.4



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: 0.372 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

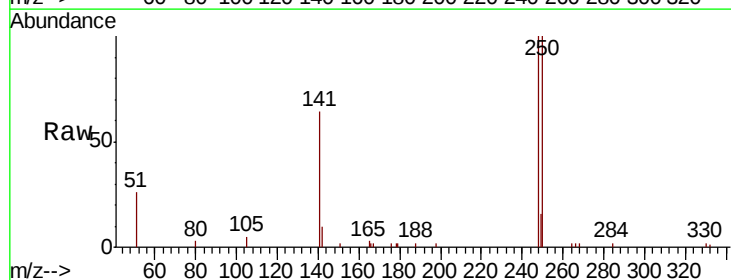
Tgt Ion:248 Resp: 4360

Ion Ratio Lower Upper

248 100

250 100.3 79.9 119.9

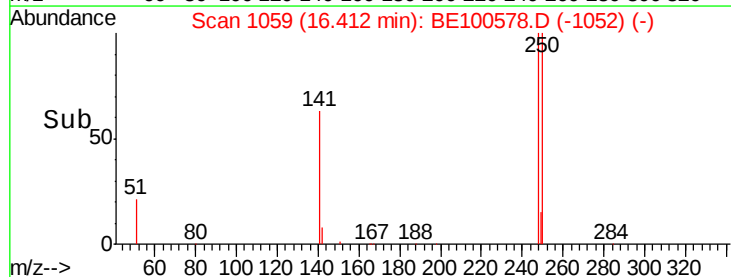
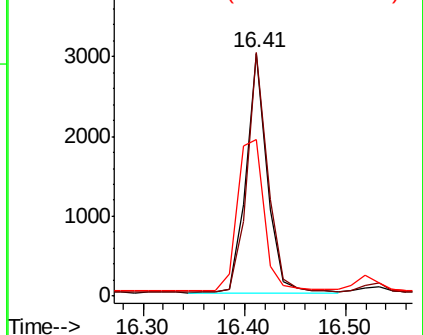
141 64.5 47.7 71.5

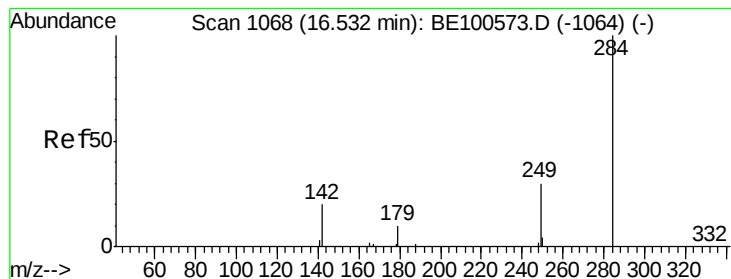


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.384 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

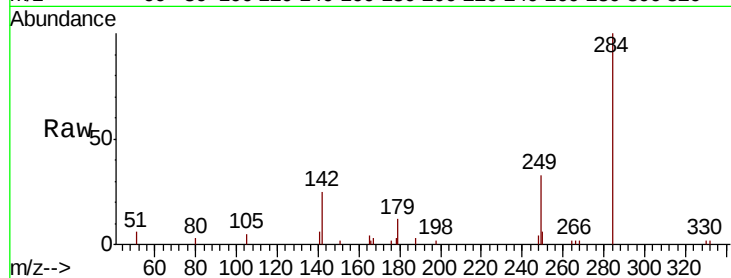
Tot Ion:284 Resp: 3707

Ion Ratio Lower Upper

284 100

142 46.6 37.0 55.4

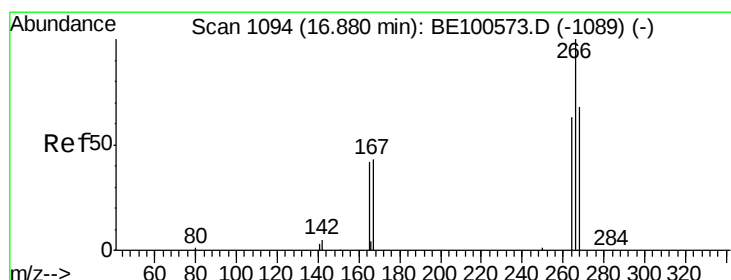
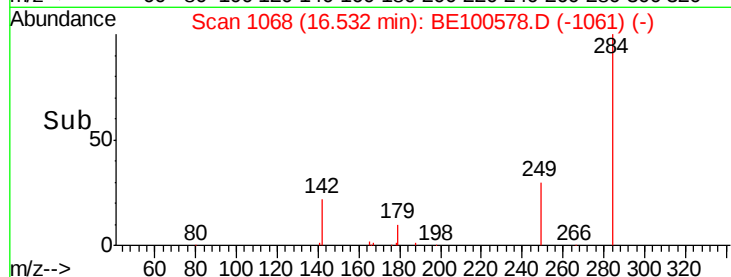
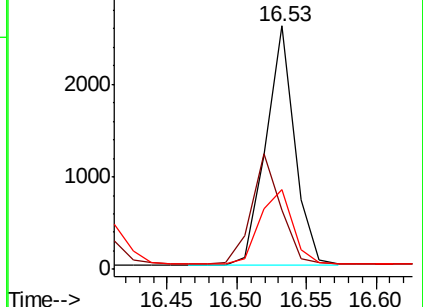
249 35.5 27.0 40.4



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: 0.470 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

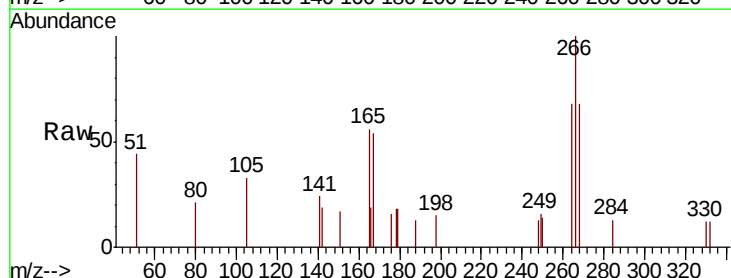
Tgt Ion:266 Resp: 1025

Ion Ratio Lower Upper

266 100

264 68.4 53.5 80.3

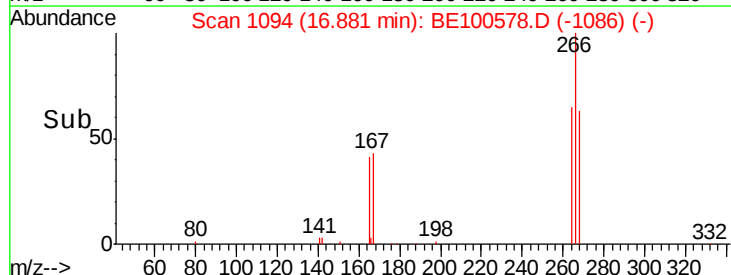
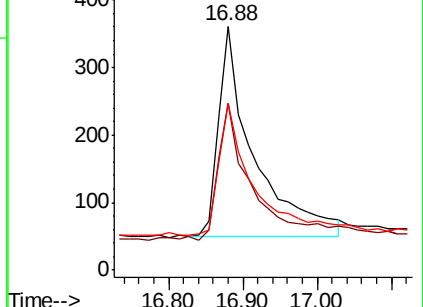
268 68.4 58.3 87.5

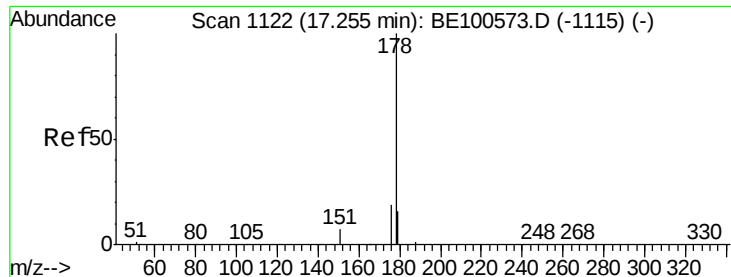


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

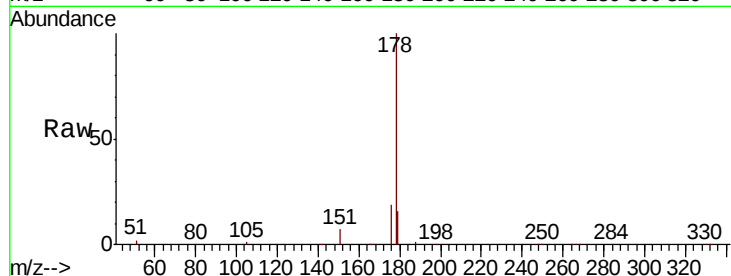
Tot Ion:178 Resp: 27905

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

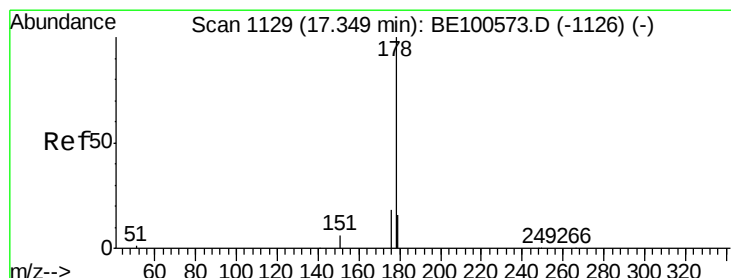
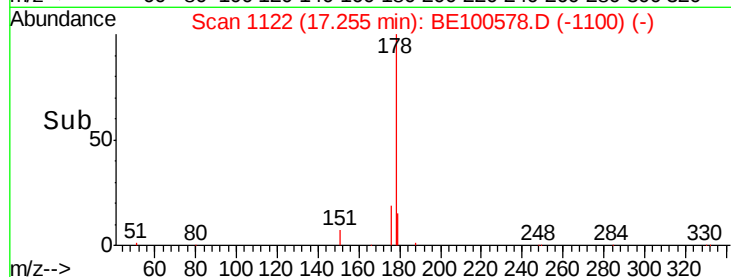
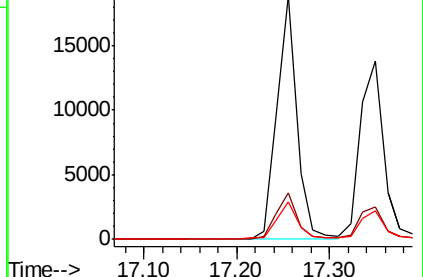
179 15.4 12.4 18.6



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



#24

Anthracene

Concen: 0.370 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

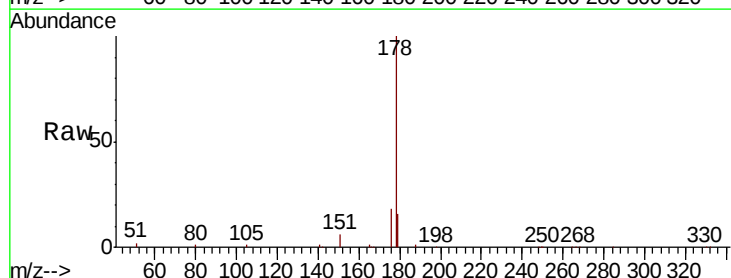
Tgt Ion:178 Resp: 23799

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

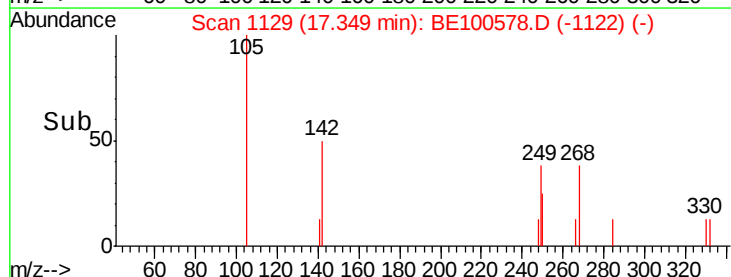
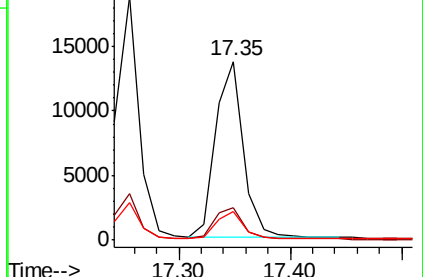
179 15.2 12.3 18.5

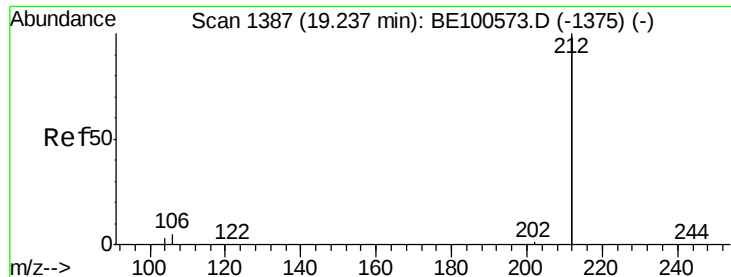


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.24 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

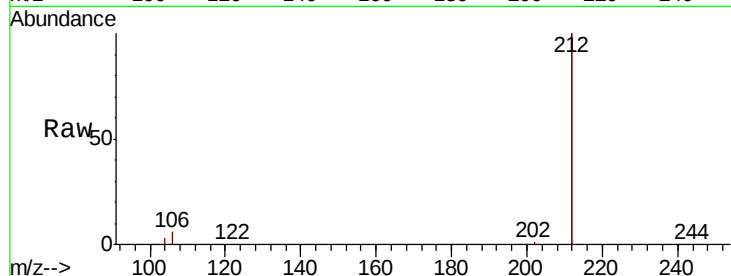
Tot Ion:212 Resp: 118836

Ion Ratio Lower Upper

212 100

106 3.0 2.5 3.7

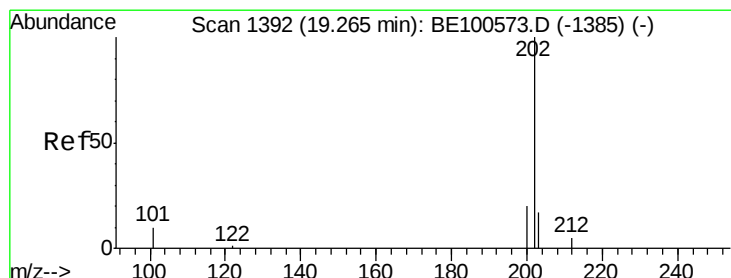
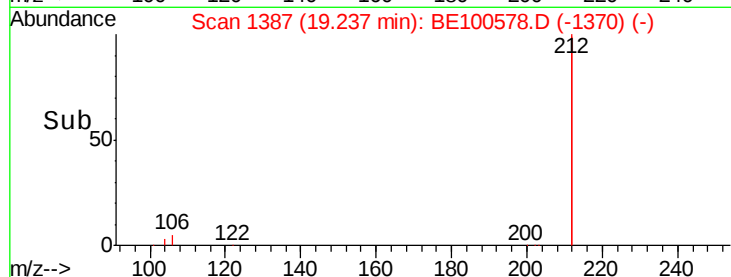
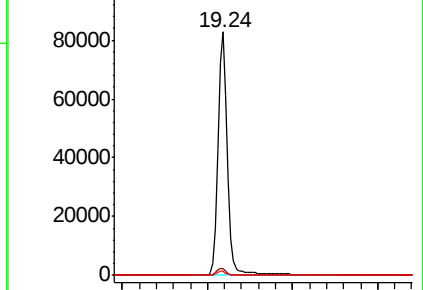
104 1.7 1.4 2.0



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: 0.383 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

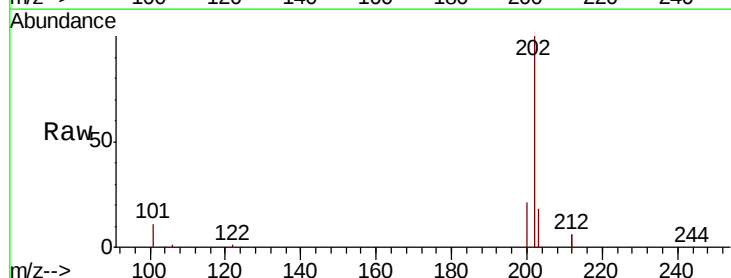
Tgt Ion:202 Resp: 34158

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

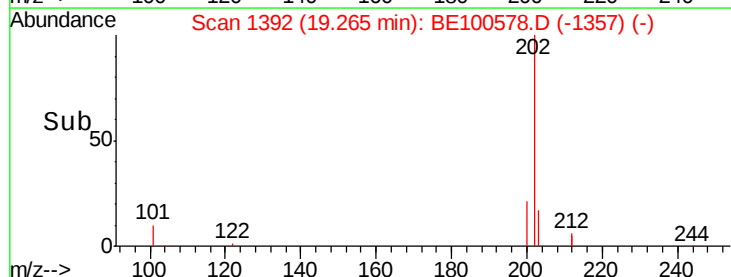
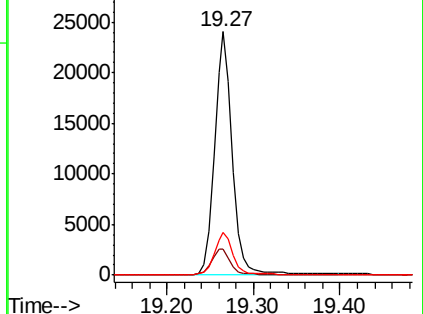
203 17.2 13.6 20.4

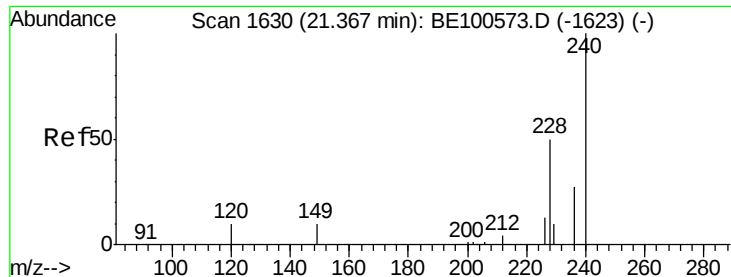


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

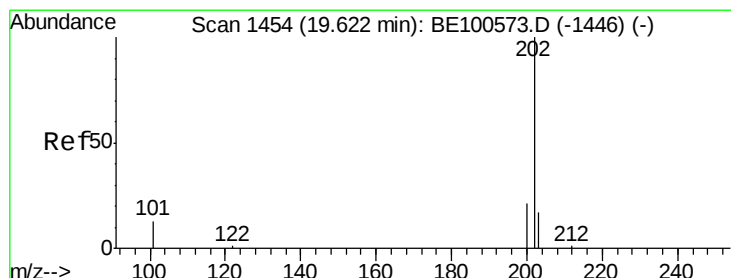
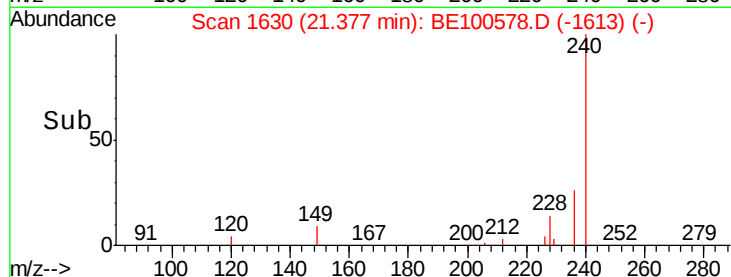
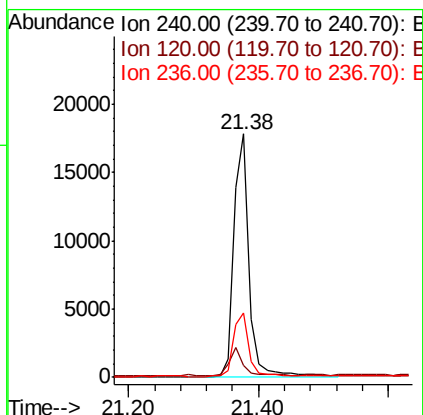
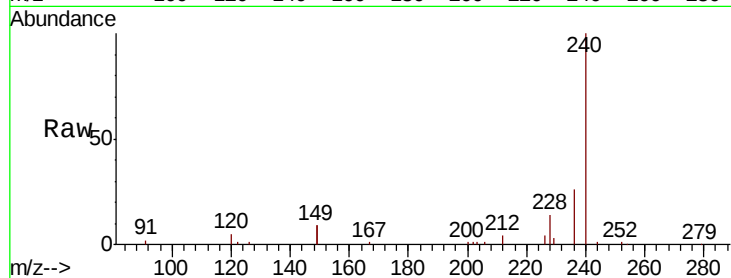




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1630
 Delta R.T. 0.01 min
 Lab File: BE100578.D
 Acq: 27 Sep 2019 18:34

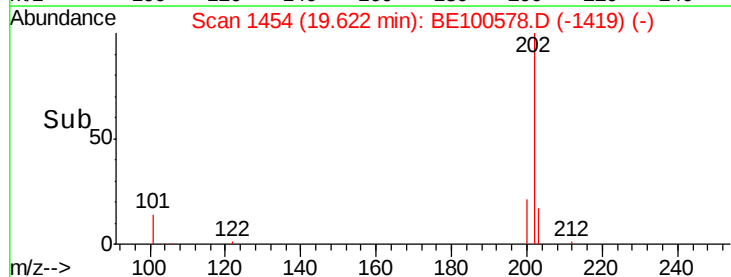
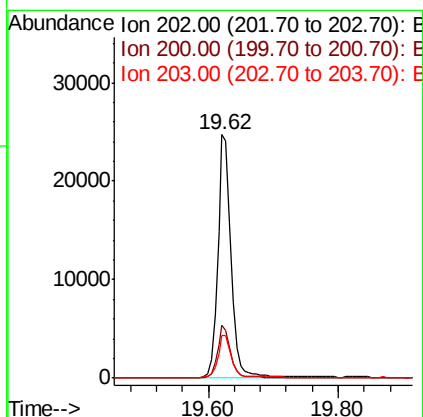
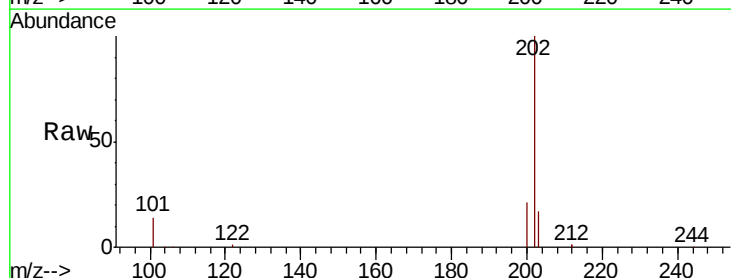
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE092719

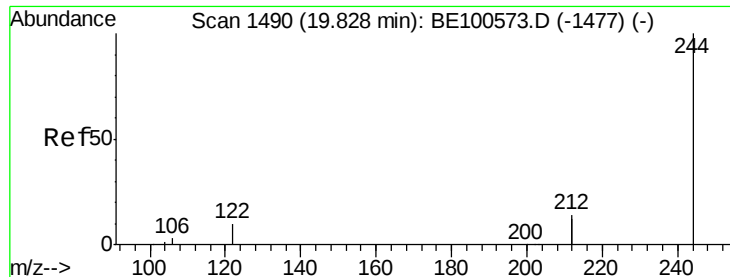
Tot Ion:240 Resp: 28958
 Ion Ratio Lower Upper
 240 100
 120 4.9 8.7 13.1#
 236 26.3 21.8 32.8



#28
 Pyrene
 Concen: 0.405 ng
 RT: 19.62 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BE100578.D
 Acq: 27 Sep 2019 18:34

Tgt Ion:202 Resp: 35517
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 25.0
 203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

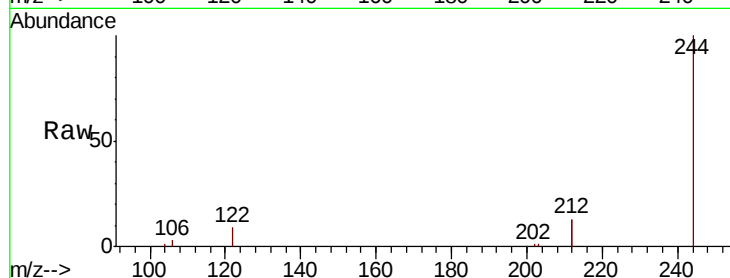
Tot Ion:244 Resp: 27078

Ion Ratio Lower Upper

244 100

212 26.7 21.8 32.8

122 8.5 8.2 12.4

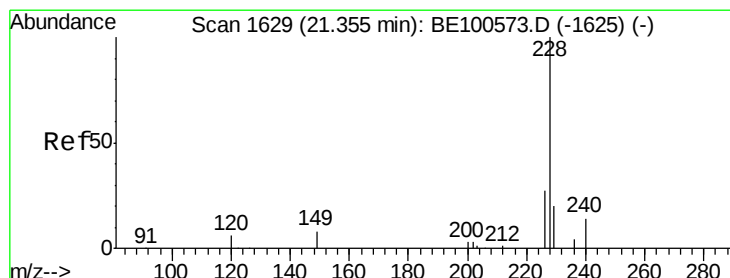
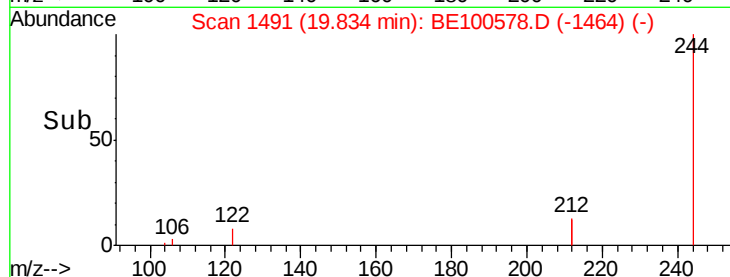
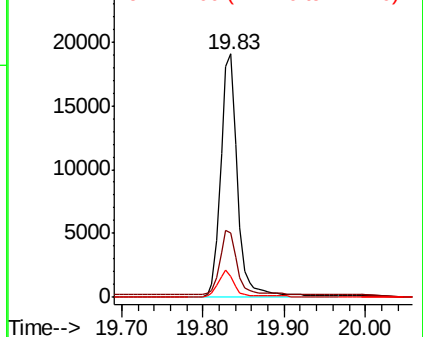


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.385 ng

RT: 21.35 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

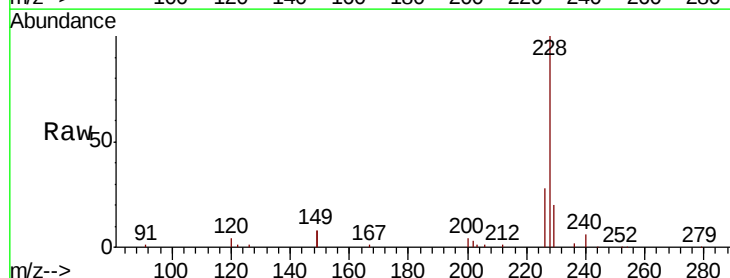
Tgt Ion:228 Resp: 32814

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

229 19.7 16.1 24.1

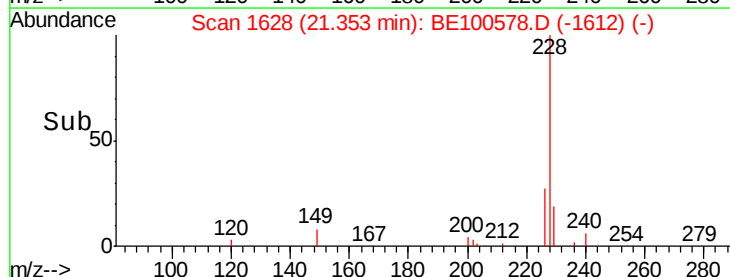
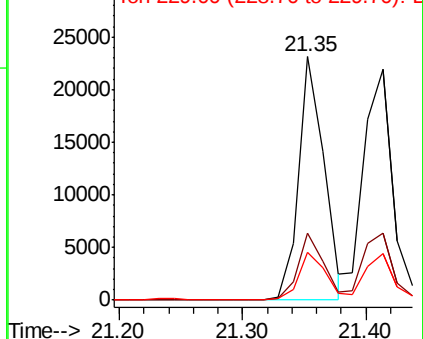


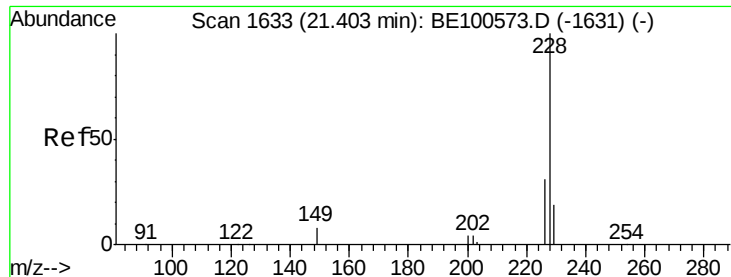
Abundance

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: 0.401 ng

RT: 21.41 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

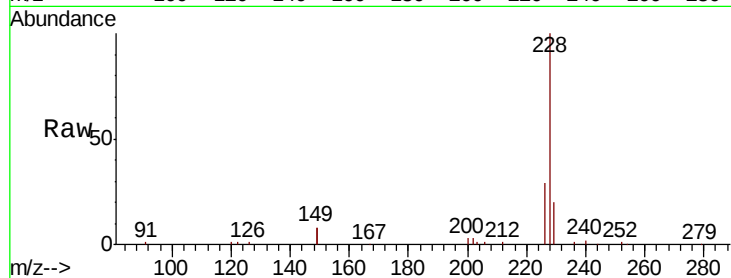
Tot Ion:228 Resp: 34913

Ion Ratio Lower Upper

228 100

226 29.1 24.4 36.6

229 20.2 15.6 23.4

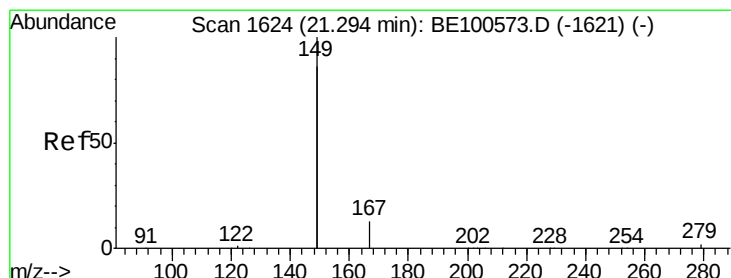
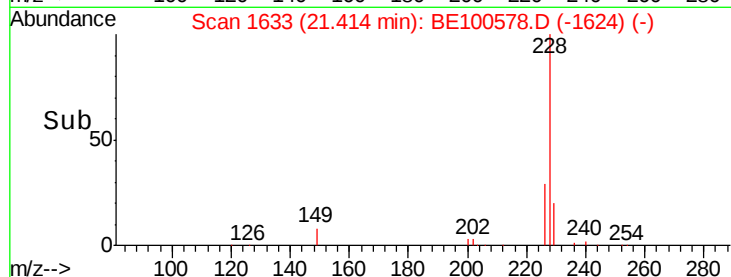
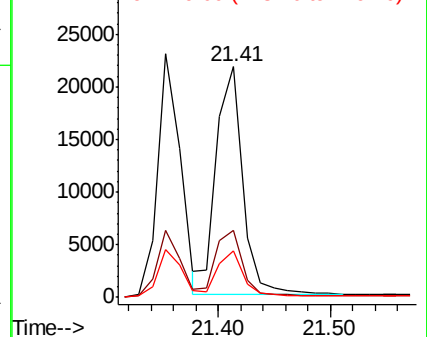


Abundance

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: 0.363 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

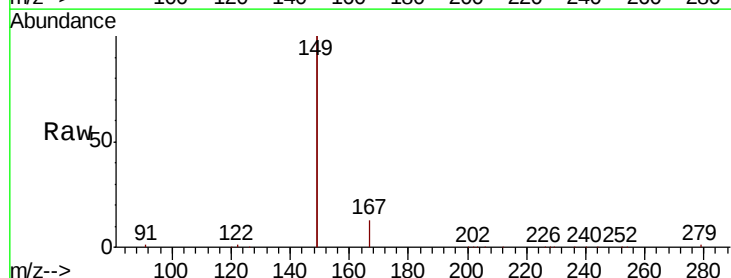
Tgt Ion:149 Resp: 82242

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

279 1.0 0.8 1.2

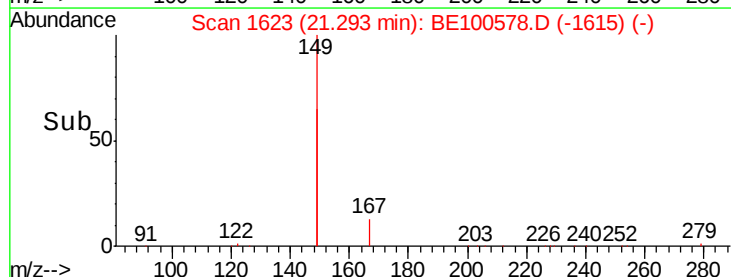
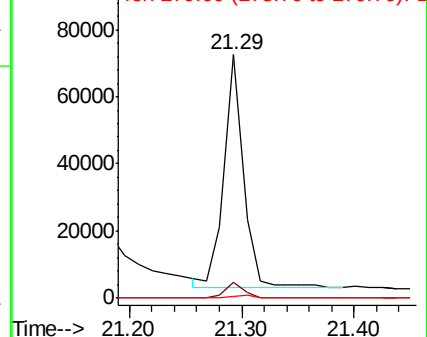


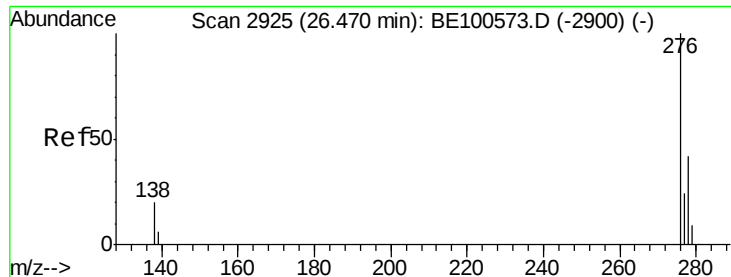
Abundance

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

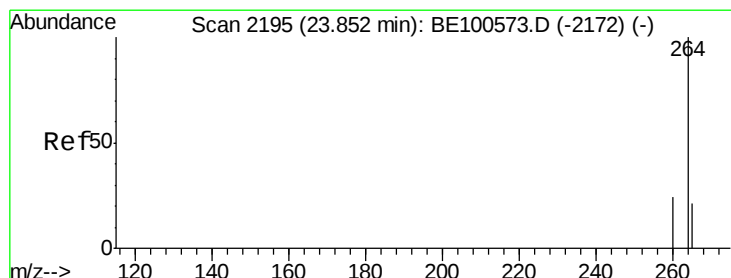
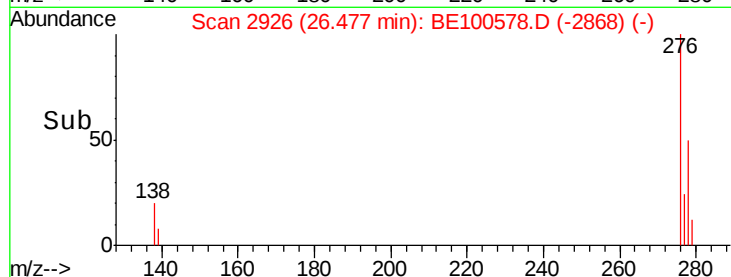
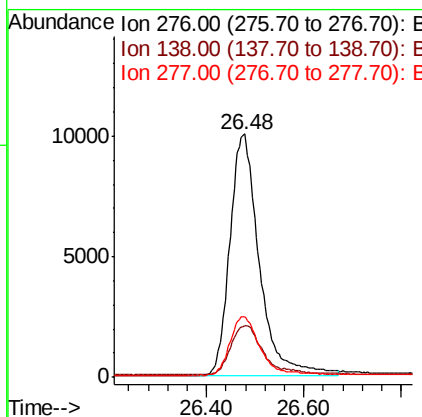
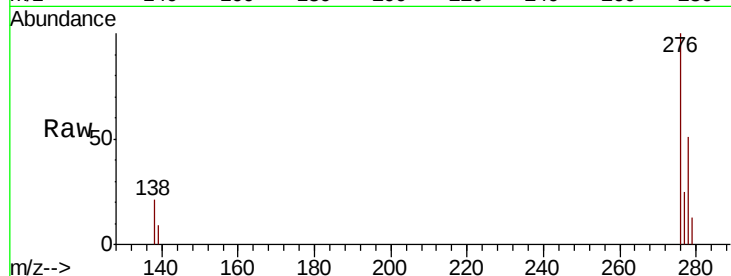




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.48 min Scan# 2926
Delta R.T. 0.01 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

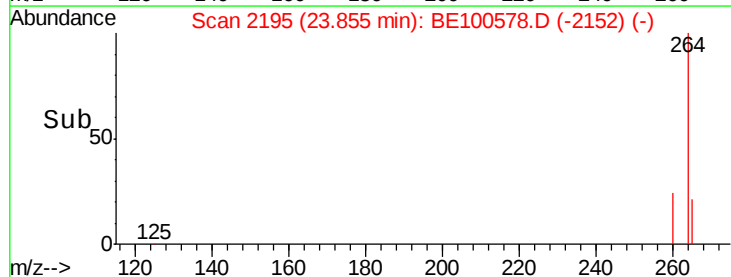
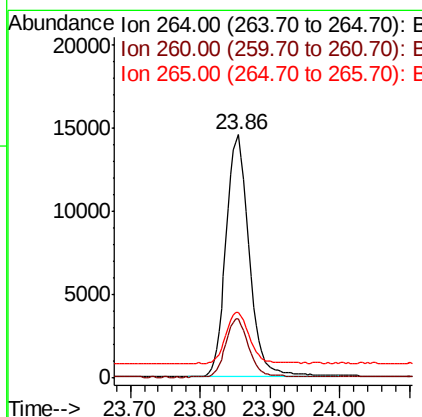
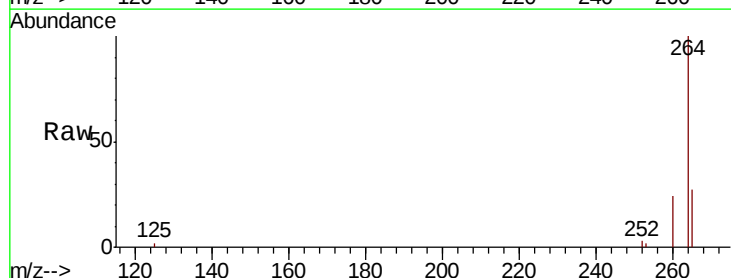
Instrument :
BNA_E
ClientSampleId :
ICVBE092719

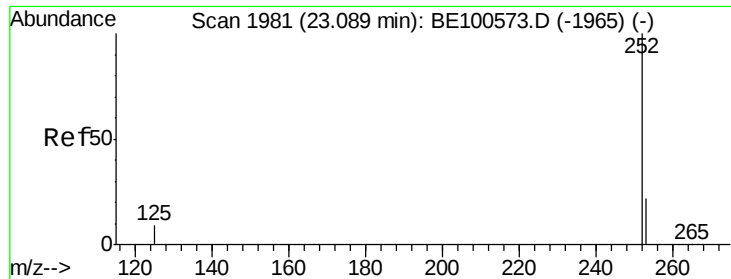
Tot Ion:276 Resp: 42122
Ion Ratio Lower Upper
276 100
138 21.2 18.6 27.8
277 24.9 19.4 29.2



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:264 Resp: 33737
Ion Ratio Lower Upper
264 100
260 24.3 19.7 29.5
265 27.1 22.2 33.4





#35

Benzo(b)fluoranthene

Concen: 0.380 ng

RT: 23.09 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

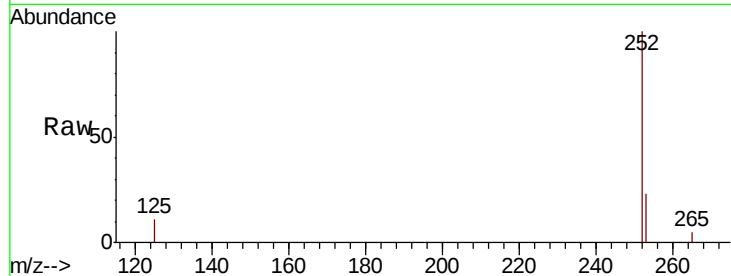
Tot Ion:252 Resp: 35036

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 10.7 8.7 13.1

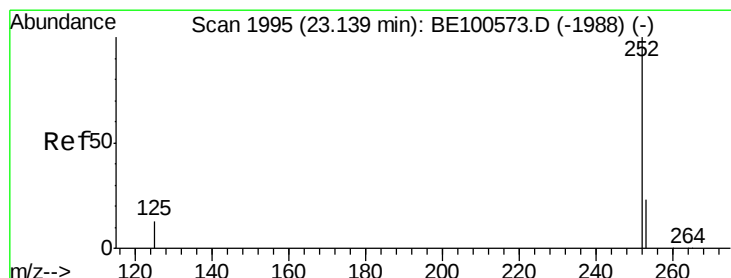
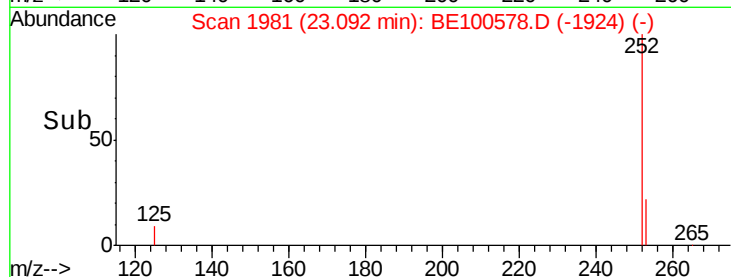
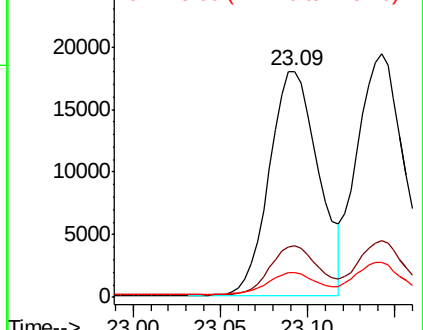


Abundance

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: 0.377 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

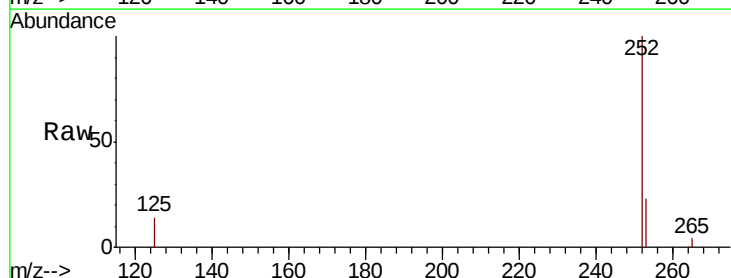
Tgt Ion:252 Resp: 37938

Ion Ratio Lower Upper

252 100

253 23.4 18.6 28.0

125 14.2 11.4 17.2

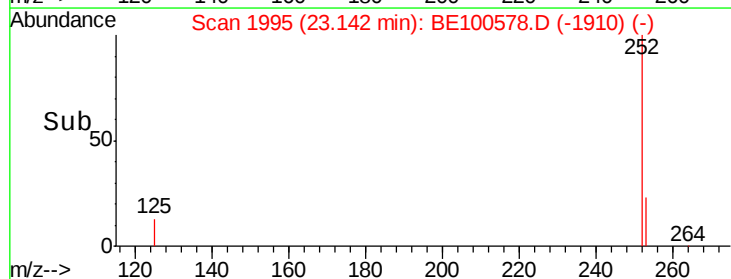
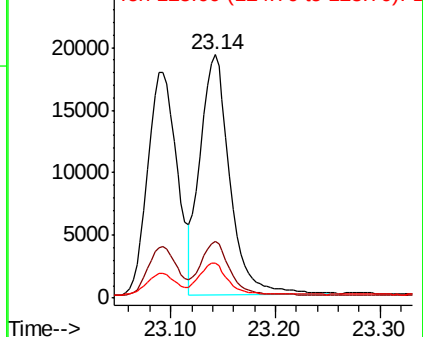


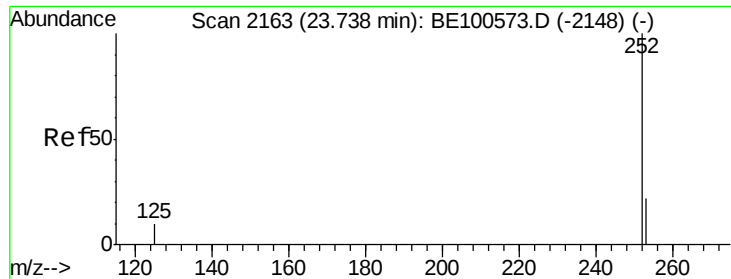
Abundance

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: 0.380 ng

RT: 23.74 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

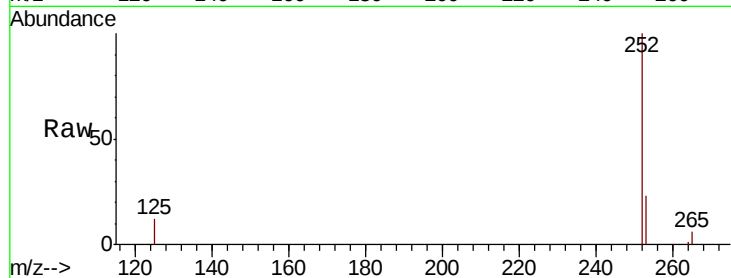
Tot Ion:252 Resp: 33464

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

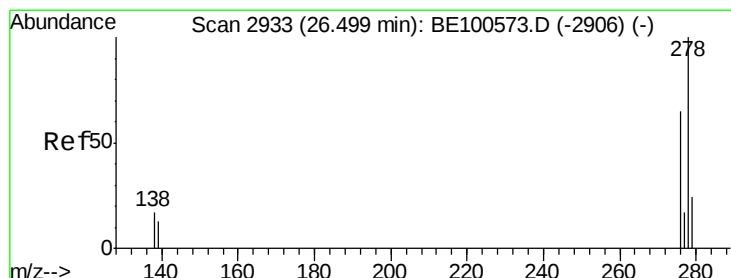
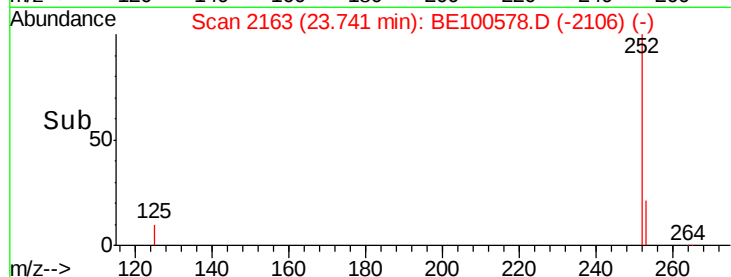
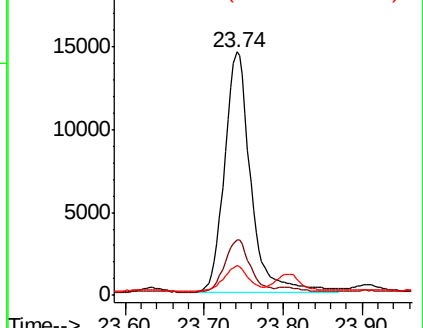
125 12.0 9.8 14.6



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: 0.383 ng

RT: 26.50 min Scan# 2932

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

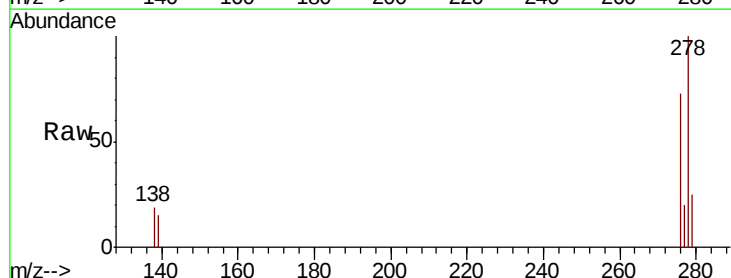
Tgt Ion:278 Resp: 34365

Ion Ratio Lower Upper

278 100

139 14.9 11.7 17.5

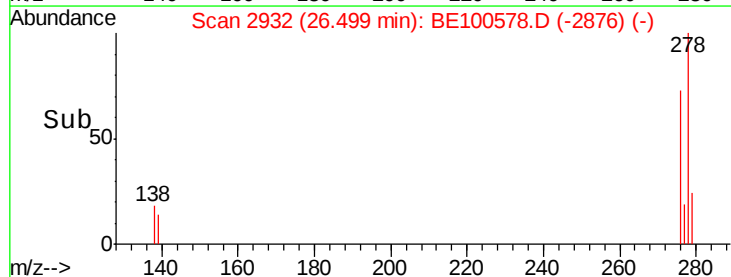
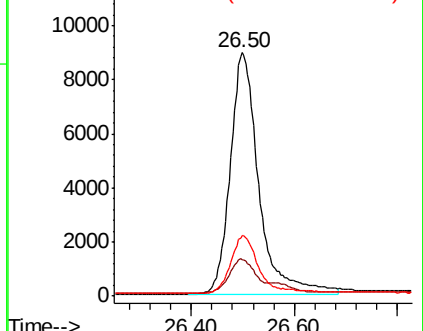
279 24.6 19.9 29.9

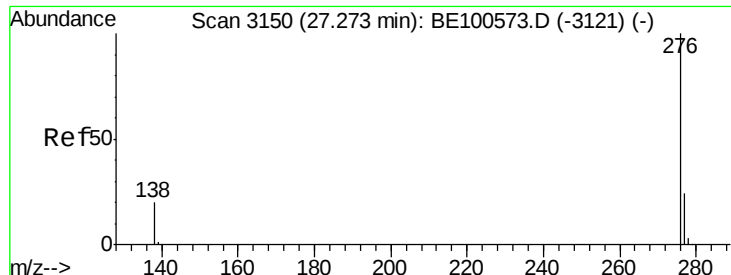


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.383 ng

RT: 27.28 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

Instrument :

BNA_E

ClientSampleId :

ICVBE092719

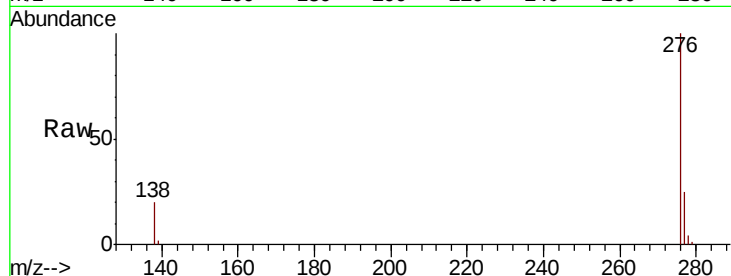
Tot Ion: 276 Resp: 35187

Ion Ratio Lower Upper

276 100

277 24.9 19.7 29.5

138 19.6 17.0 25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

