

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
 Data File : BE100573.D
 Acq On : 27 Sep 2019 15:17
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 27 18:04:23 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 17:54:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3257	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	16031	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	10010	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	24708	0.40	ng	0.00
27) Chrysene-d12	21.37	240	29298	0.40	ng	0.00
34) Perylene-d12	23.85	264	34637	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	3698	0.48	ng	0.00
5) Phenol-d6	7.02	99	4943	0.47	ng	0.00
8) Nitrobenzene-d5	9.00	82	4349	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	9614	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1081	0.67	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	13562	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	120874	0.41	ng	0.00
29) Terphenyl-d14	19.83	244	27971	0.40	ng	0.00

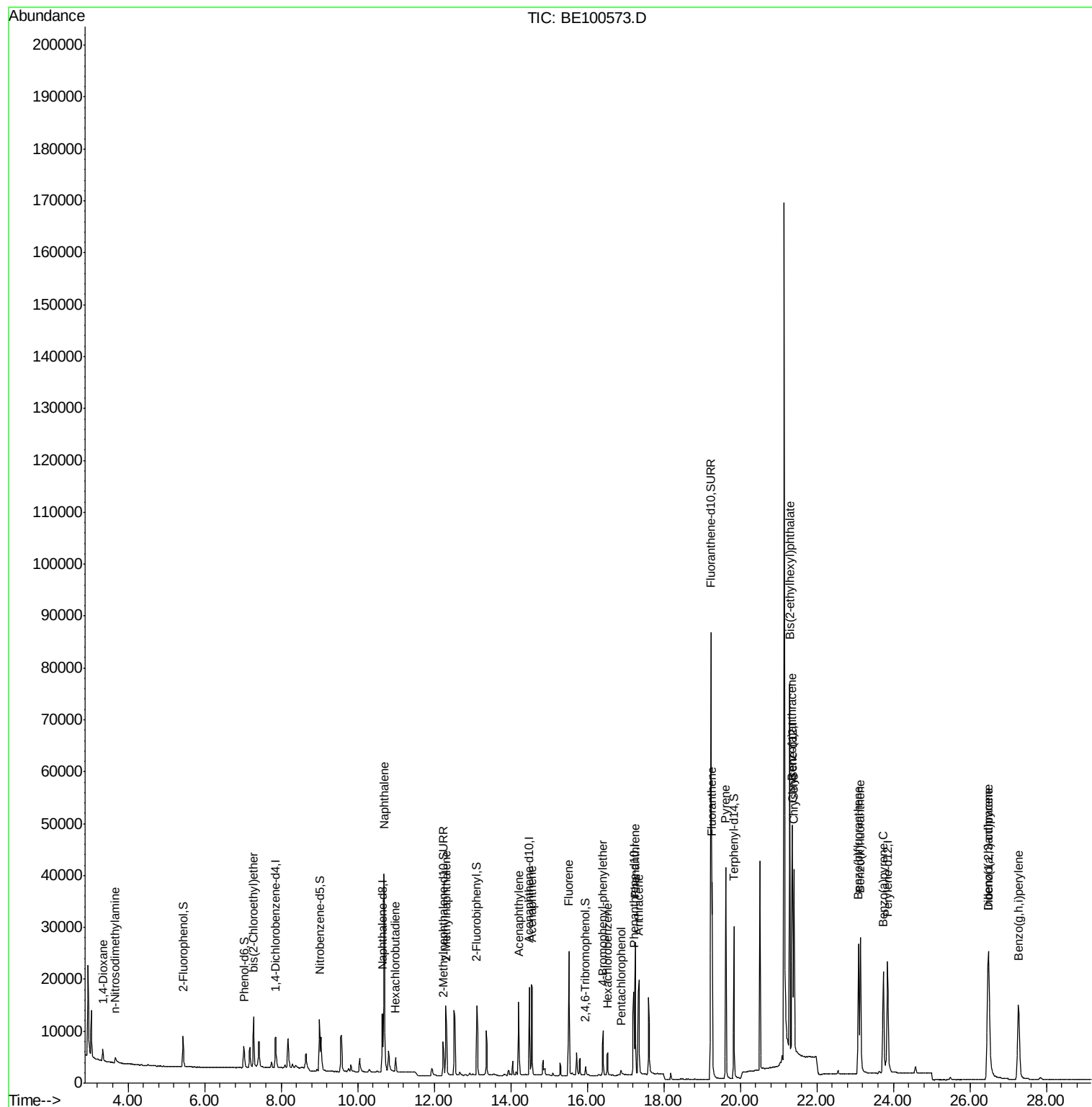
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2195	0.467	ng	100
3) n-Nitrosodimethylamine	3.66	42	1135	0.412	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	4319	0.409	ng	100
9) Naphthalene	10.69	128	65117	0.392	ng	100
10) Hexachlorobutadiene	10.99	225	1973	0.371	ng	100
12) 2-Methylnaphthalene	12.31	142	10964	0.415	ng	100
16) Acenaphthylene	14.21	152	17226	0.418	ng	100
17) Acenaphthene	14.56	154	11049	0.397	ng	99
18) Fluorene	15.51	166	14634	0.420	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	4228	0.364	ng	100
21) Hexachlorobenzene	16.53	284	3658	0.362	ng	100
22) Pentachlorophenol	16.88	266	998	0.432	ng	100
23) Phenanthrene	17.26	178	27319	0.397	ng	100
24) Anthracene	17.35	178	23309	0.402	ng	100
26) Fluoranthene	19.27	202	34709	0.418	ng	100
28) Pyrene	19.62	202	36556	0.434	ng	100
30) Benzo(a)anthracene	21.35	228	33873	0.433	ng	100
31) Chrysene	21.40	228	35189	0.395	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	84623	1.003	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	43351	0.437	ng	100
35) Benzo(b)fluoranthene	23.09	252	36186	0.386	ng	100
36) Benzo(k)fluoranthene	23.14	252	39202	0.362	ng	100
37) Benzo(a)pyrene	23.74	252	35029	0.401	ng	100
38) Dibenzo(a,h)anthracene	26.50	278	35117	0.386	ng	100
39) Benzo(g,h,i)perylene	27.27	276	36540	0.384	ng	100

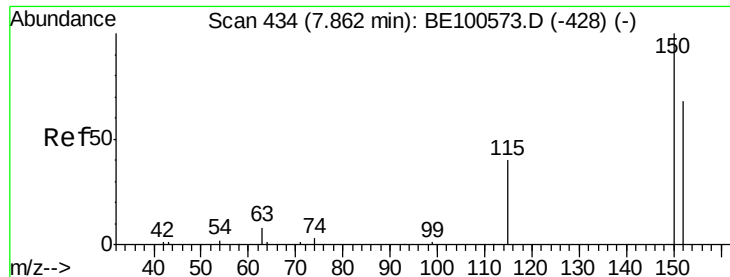
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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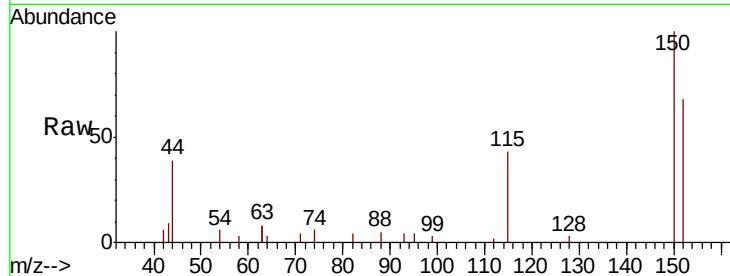


#1

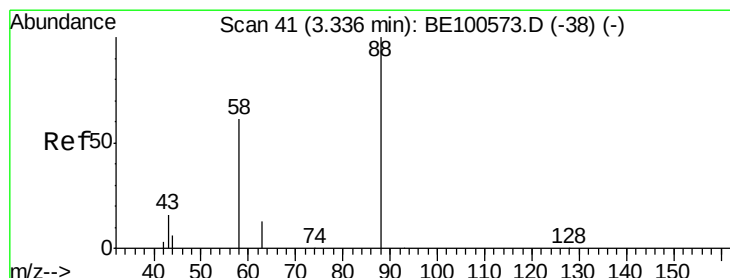
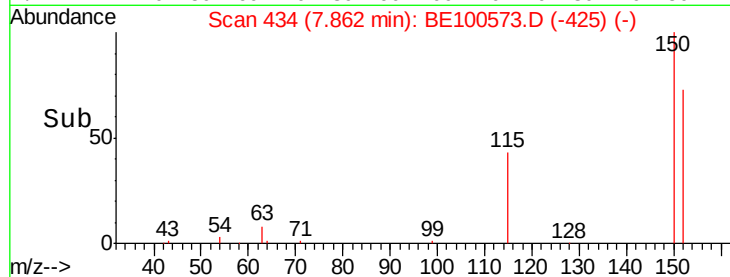
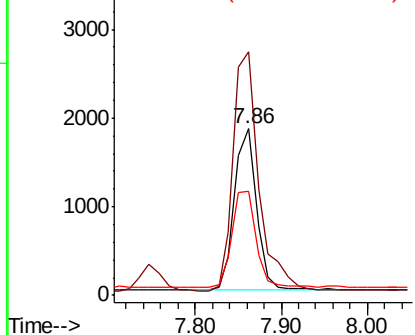
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3257
Ion Ratio Lower Upper
152 100
150 146.1 116.9 175.3
115 62.8 50.2 75.4



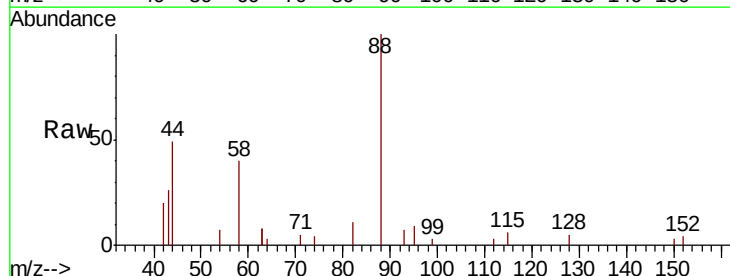
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



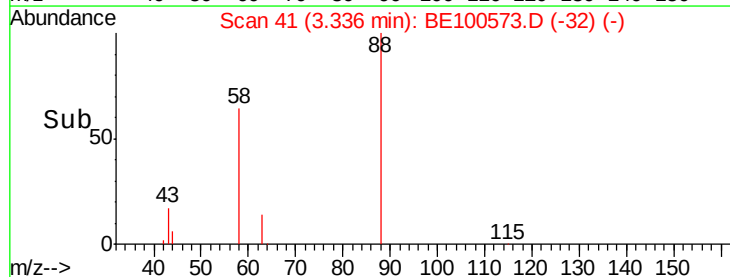
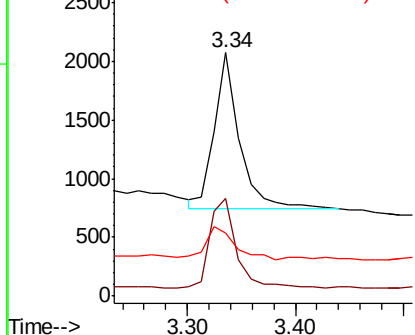
#2

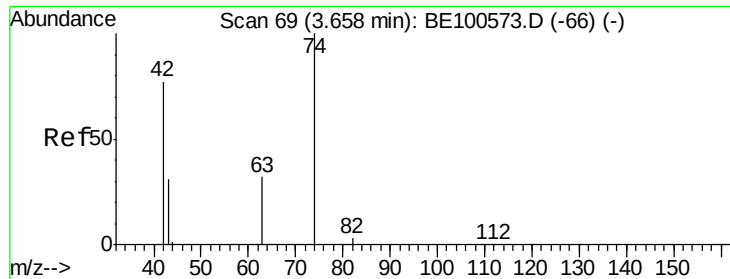
1,4-Dioxane
Concen: 0.467 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion: 88 Resp: 2195
Ion Ratio Lower Upper
88 100
58 58.0 46.4 69.6
43 20.9 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



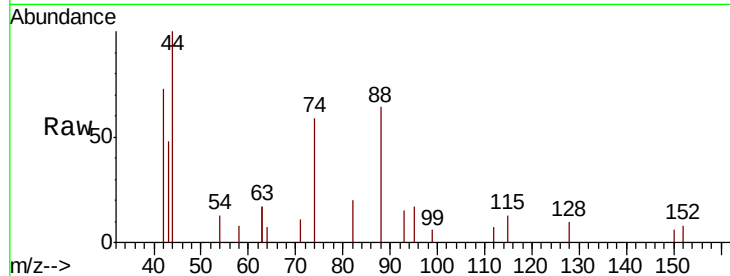


#3

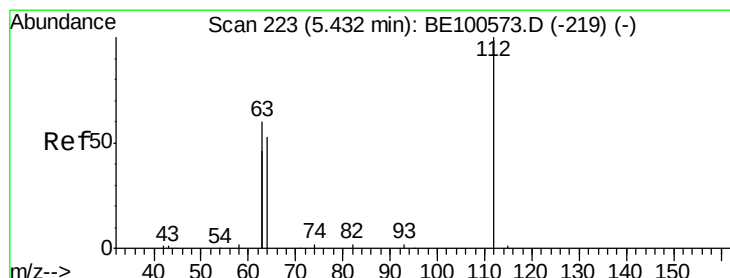
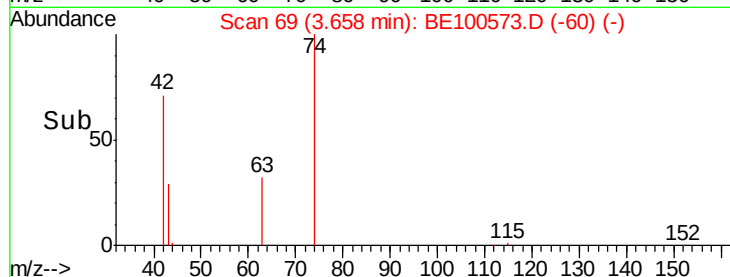
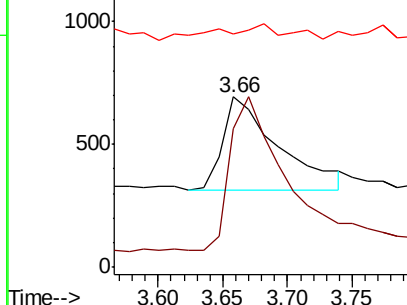
n-Nitrosodimethylamine
 Concen: 0.412 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE100573.D
 Acq: 27 Sep 2019 15:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	42	Resp:	1135
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



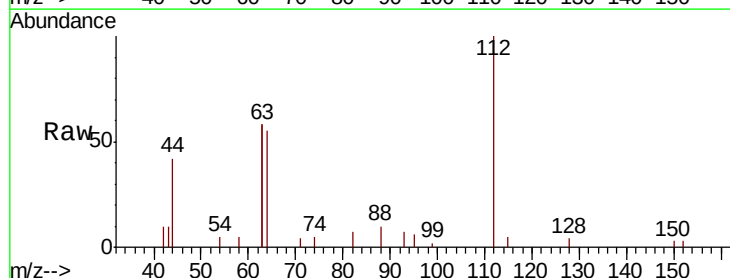
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



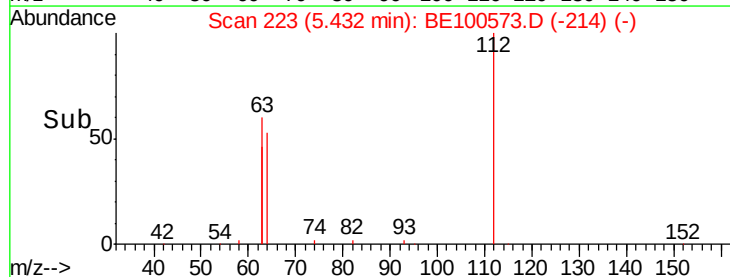
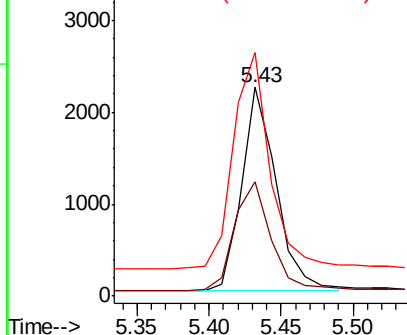
#4

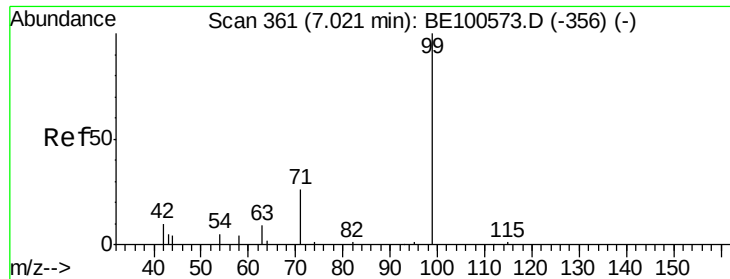
2-Fluorophenol
 Concen: 0.485 ng
 RT: 5.43 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: BE100573.D
 Acq: 27 Sep 2019 15:17

Tgt Ion:	112	Resp:	3698
Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	112.6	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: 0.474 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

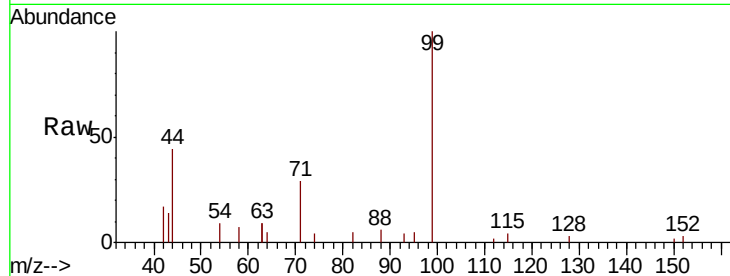
Tot Ion: 99 Resp: 4943

Ion Ratio Lower Upper

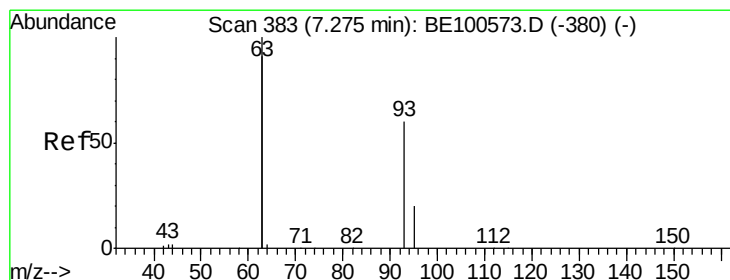
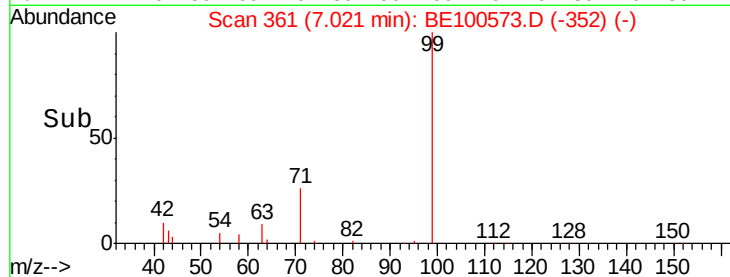
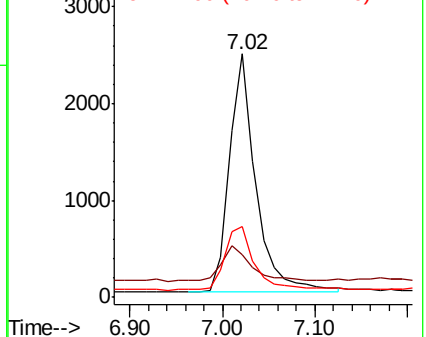
99 100

42 14.6 11.7 17.5

71 29.5 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: 0.409 ng

RT: 7.27 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

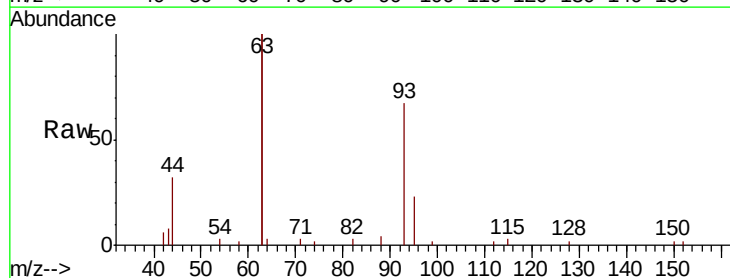
Tgt Ion: 93 Resp: 4319

Ion Ratio Lower Upper

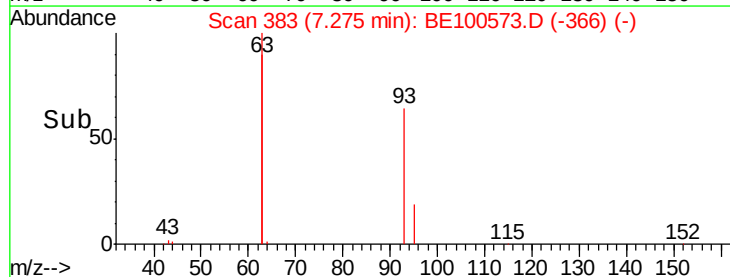
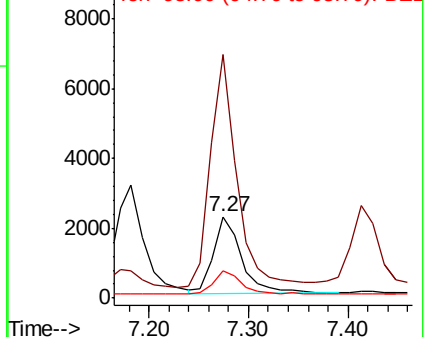
93 100

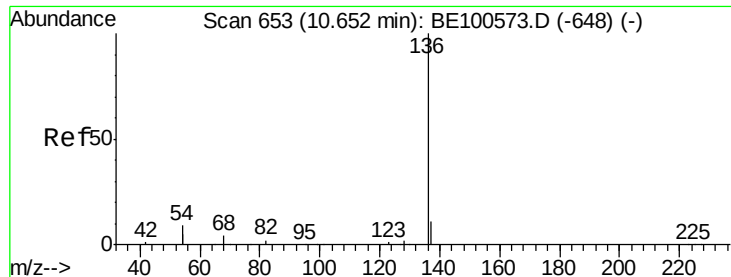
63 285.4 228.3 342.5

95 30.3 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: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16031

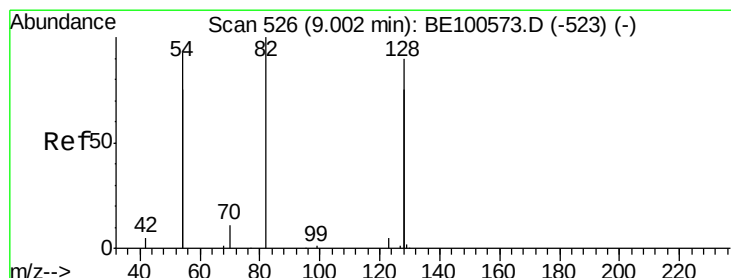
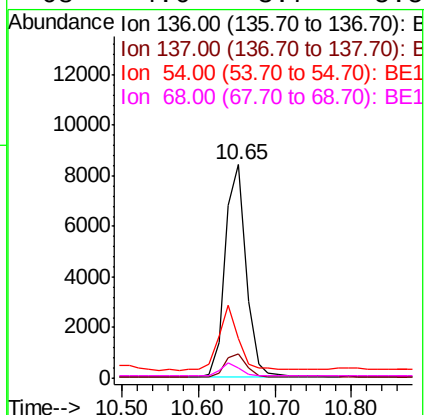
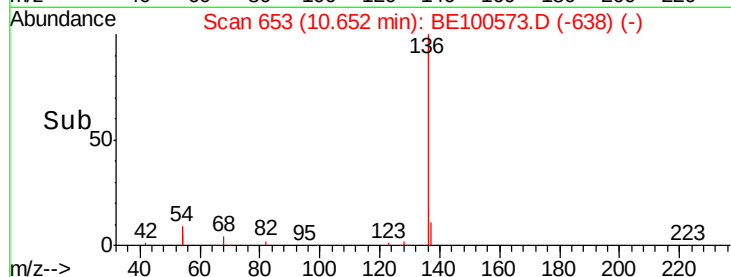
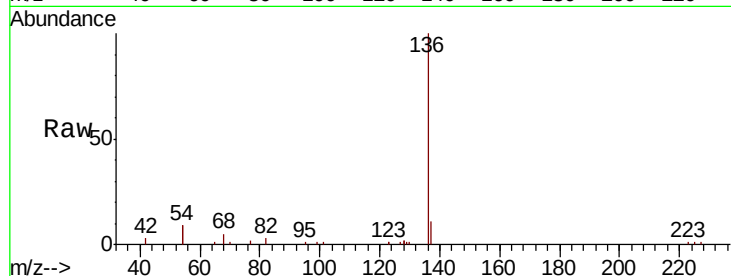
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 18.8 15.0 22.6

68 4.6 3.7 5.5



#8

Nitrobenzene-d5

Concen: 0.471 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

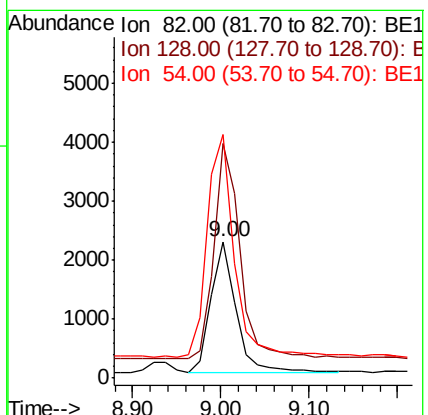
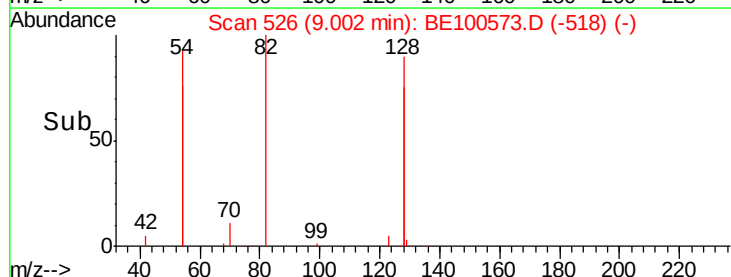
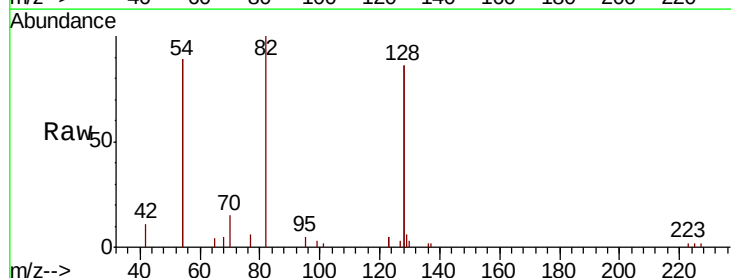
Tgt Ion: 82 Resp: 4349

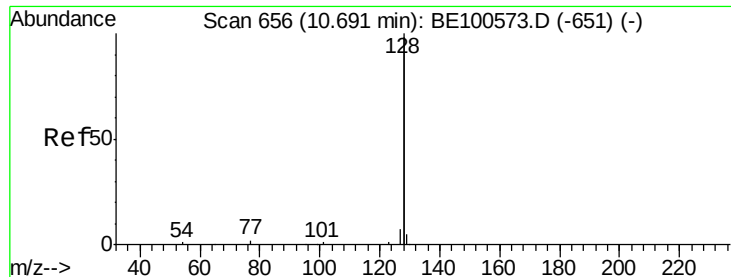
Ion Ratio Lower Upper

82 100

128 172.4 137.9 206.9

54 178.8 143.0 214.6





#9

Naphthalene

Concen: 0.392 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

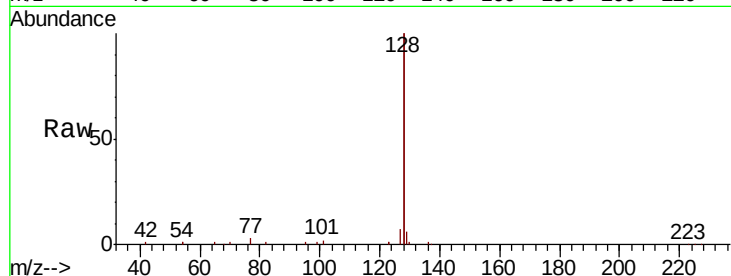
Tot Ion:128 Resp: 65117

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

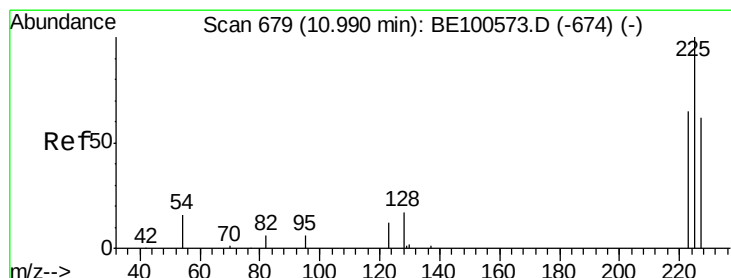
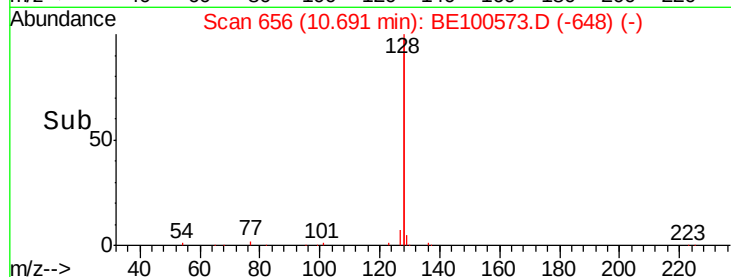
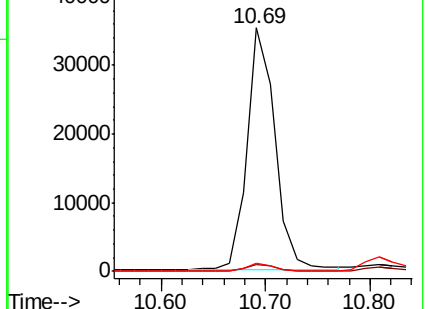
127 3.5 2.8 4.2



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: 0.371 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

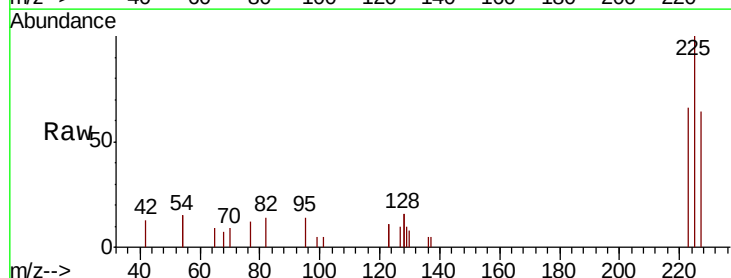
Tgt Ion:225 Resp: 1973

Ion Ratio Lower Upper

225 100

223 61.7 49.4 74.0

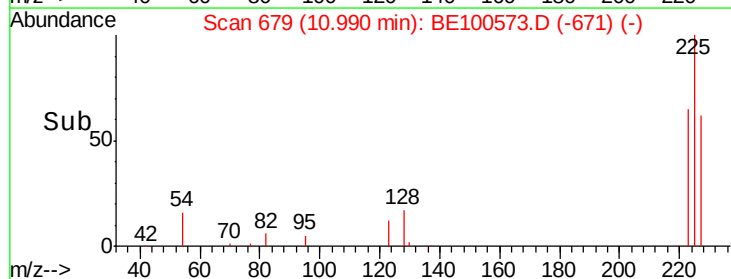
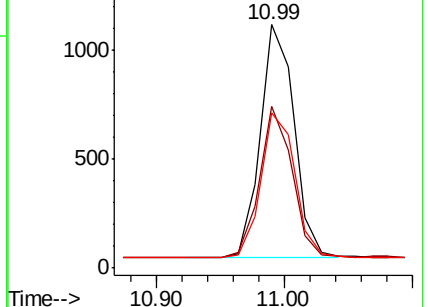
227 62.9 50.3 75.5

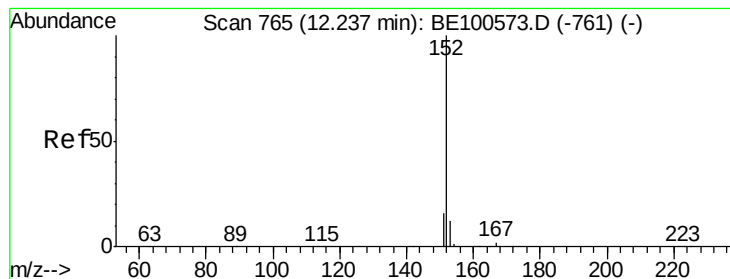


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

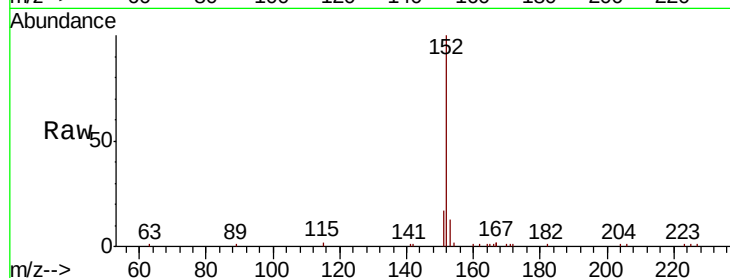
ClientSampleId :

Tot Ion:152 Resp: 9614

Ion Ratio Lower Upper

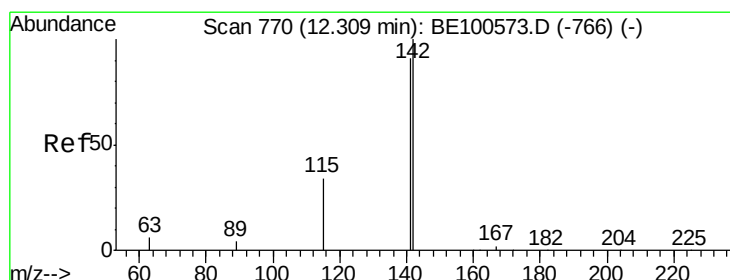
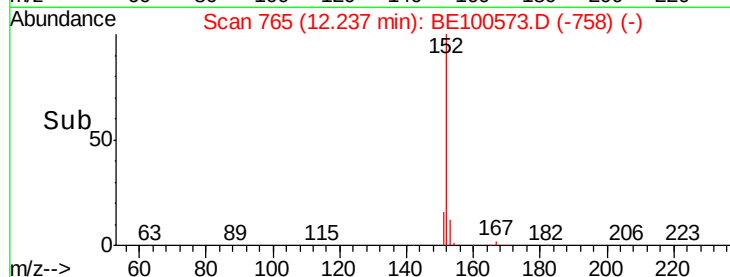
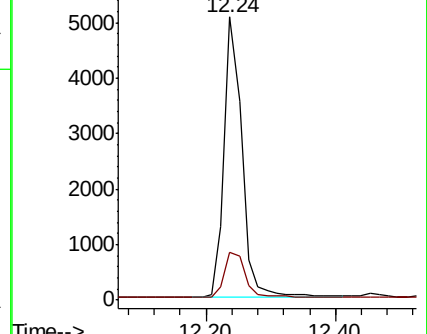
152 100

151 19.1 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: 0.415 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

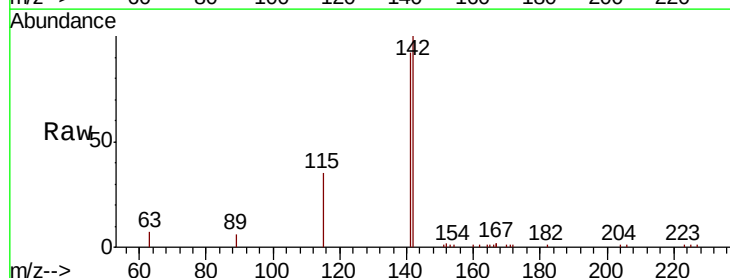
Tgt Ion:142 Resp: 10964

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8

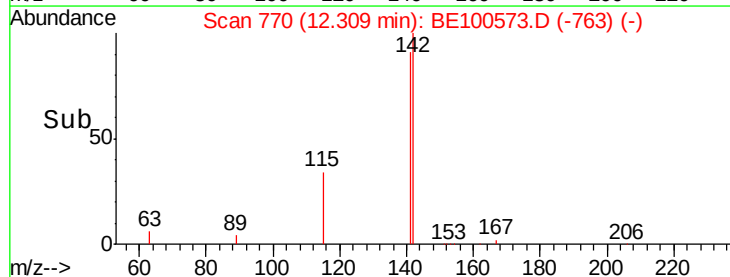
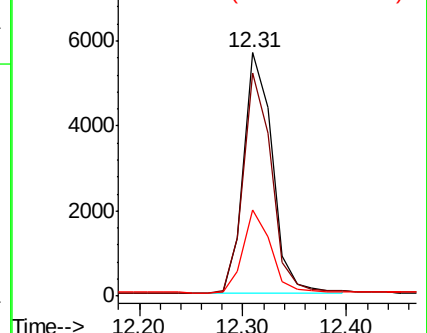
115 35.2 28.2 42.2

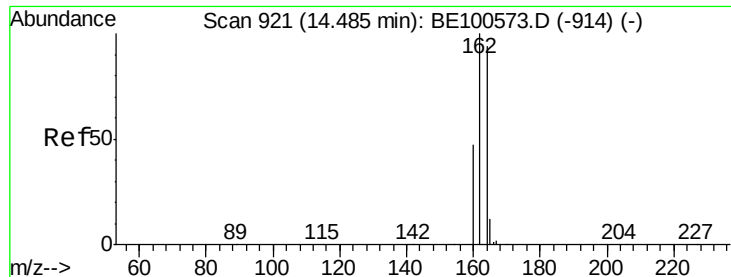


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.48 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

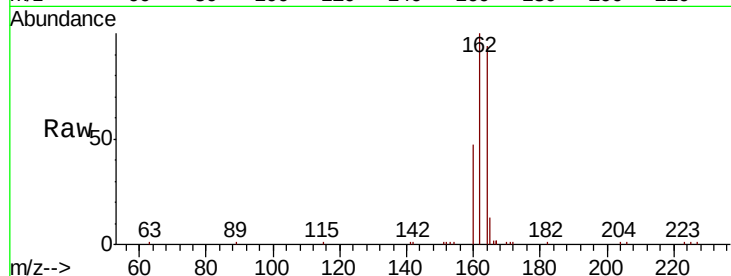
Tot Ion:164 Resp: 10010

Ion Ratio Lower Upper

164 100

162 106.2 85.0 127.4

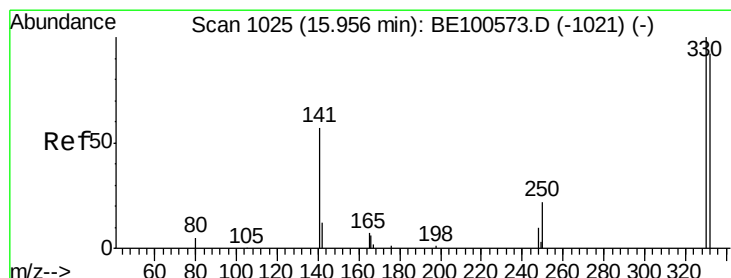
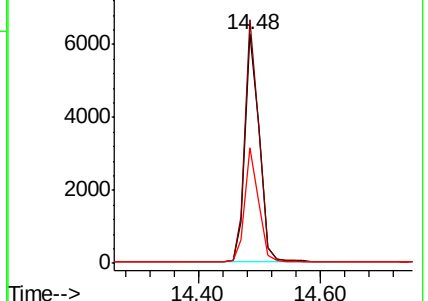
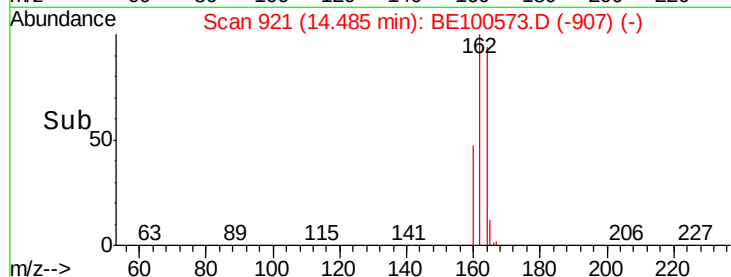
160 50.3 40.2 60.4



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: 0.668 ng

RT: 15.96 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

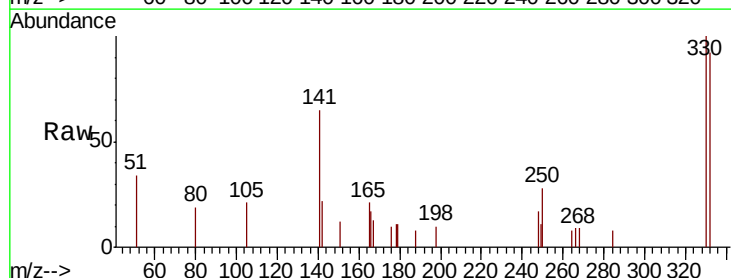
Tgt Ion:330 Resp: 1081

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

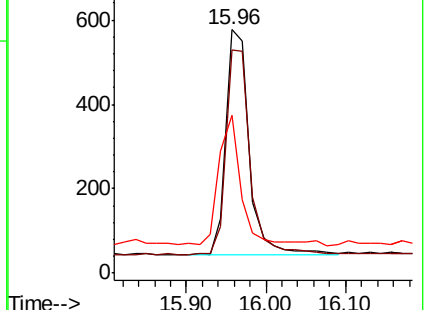
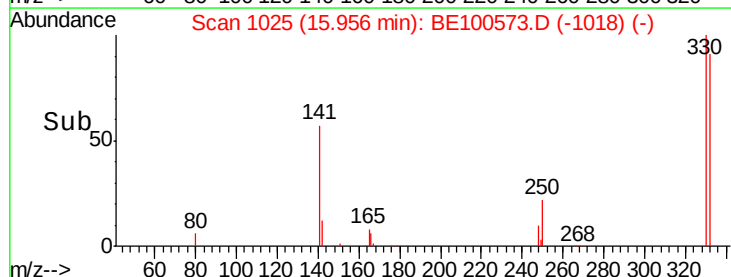
141 52.6 42.1 63.1

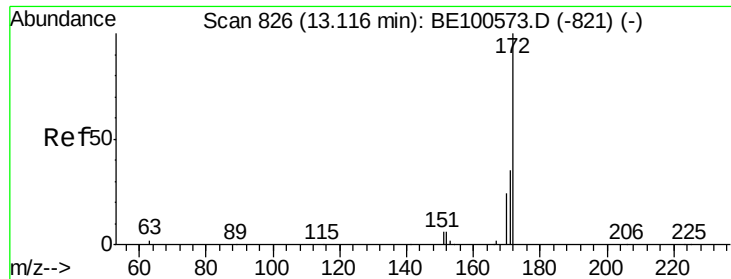


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

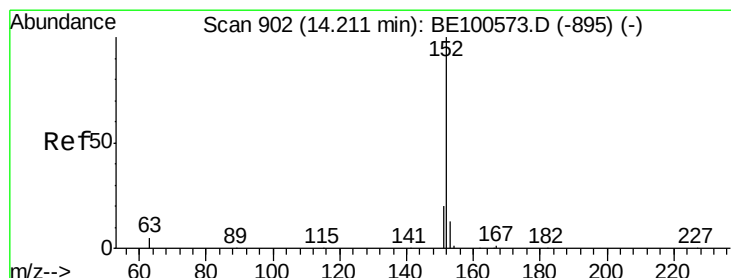
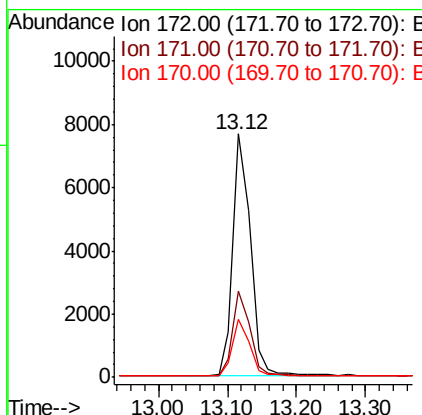
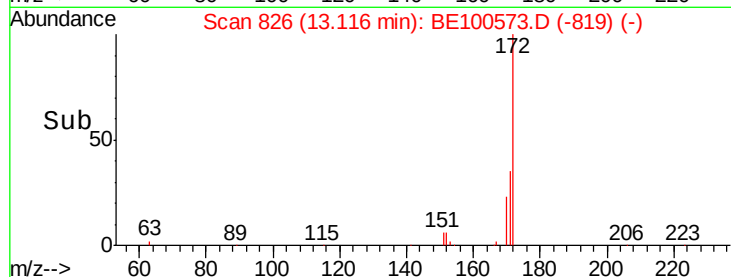
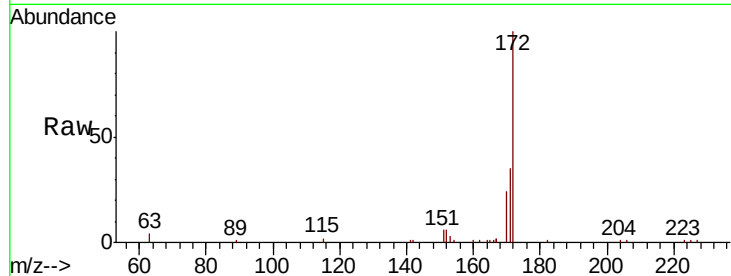




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

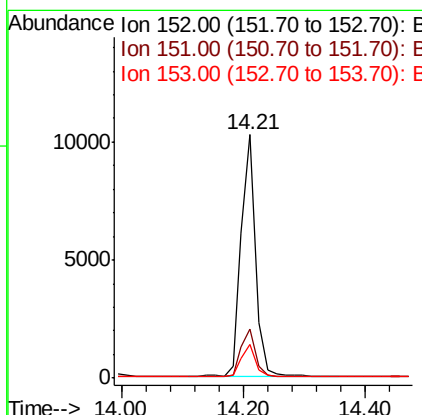
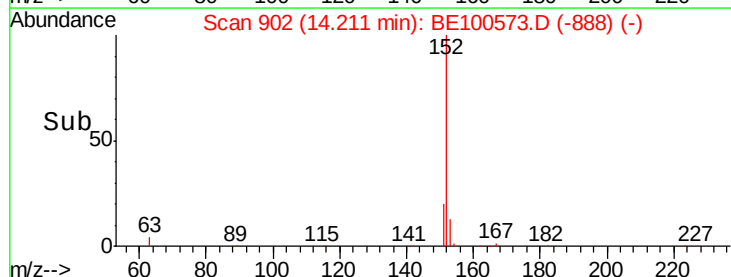
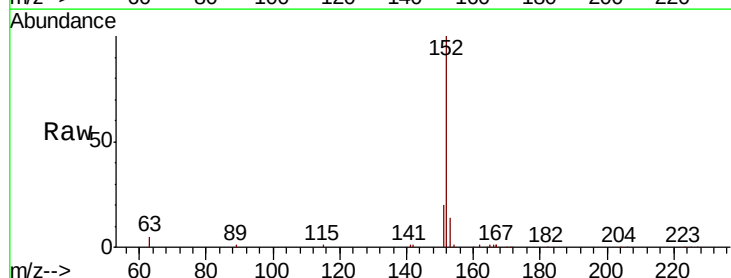
Instrument :
BNA_E
ClientSampled :

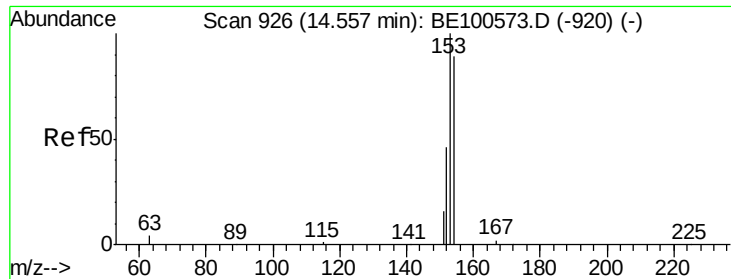
Tot Ion:172 Resp: 13562
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 24.0 19.2 28.8



#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:152 Resp: 17226
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.2 10.6 16.0

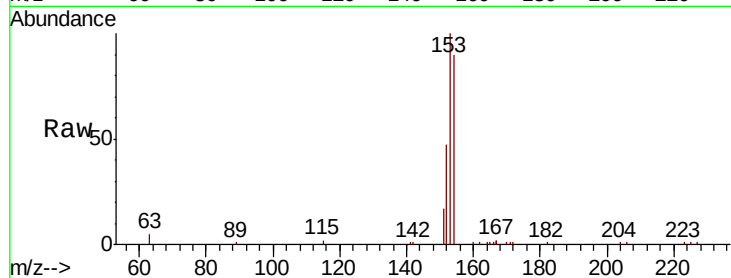




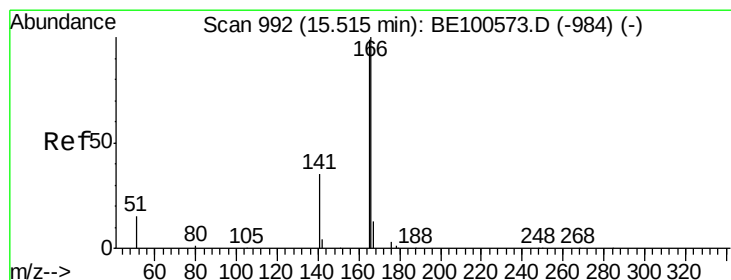
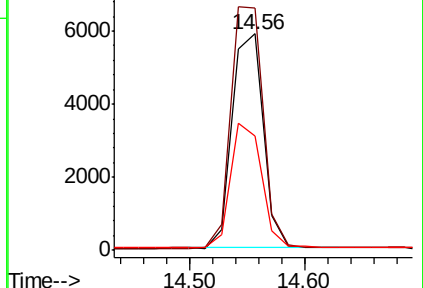
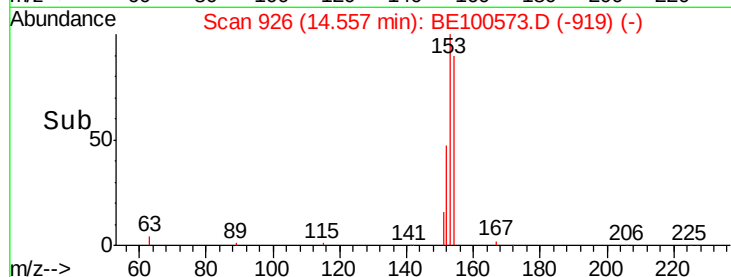
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 11049
Ion Ratio Lower Upper
154 100
153 117.0 92.7 139.1
152 57.6 45.6 68.4

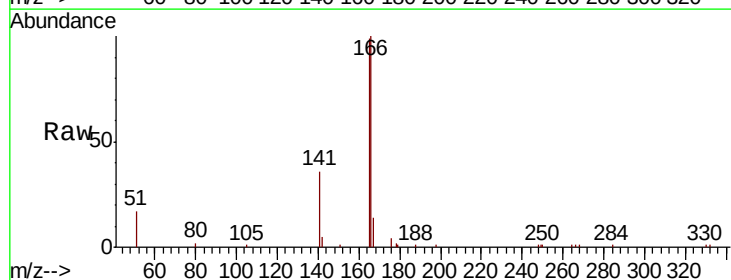


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

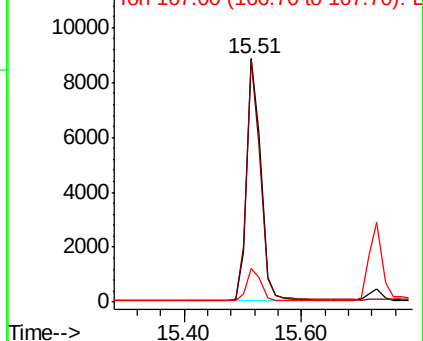
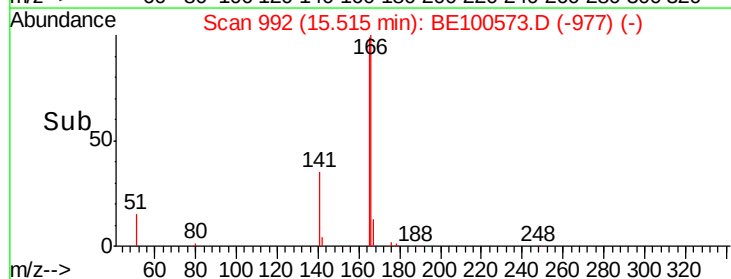


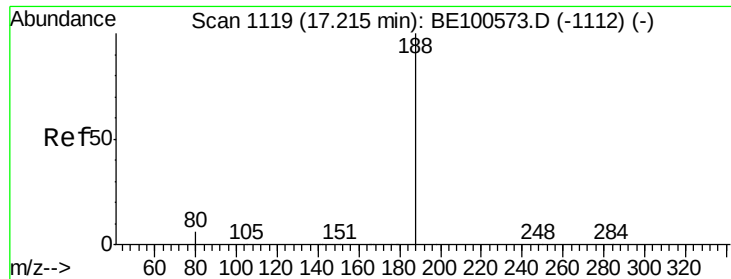
#18
Fluorene
Concen: 0.420 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:166 Resp: 14634
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.4 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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

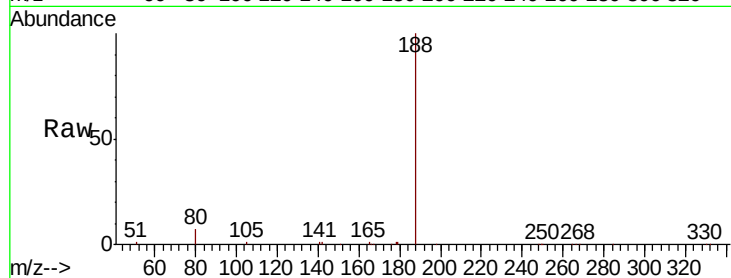
Tot Ion:188 Resp: 24708

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

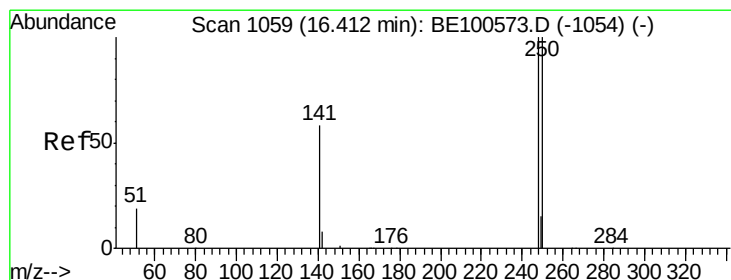
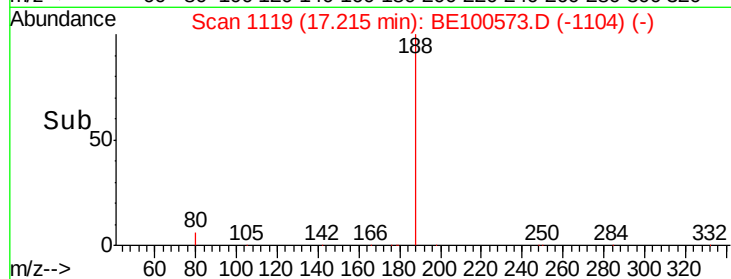
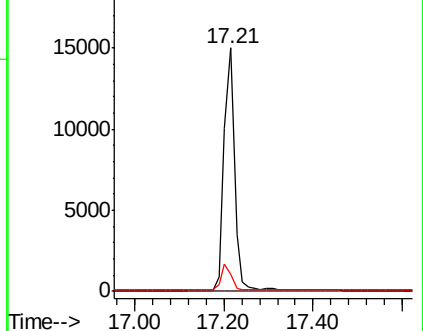
80 7.0 5.6 8.4



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: 0.364 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

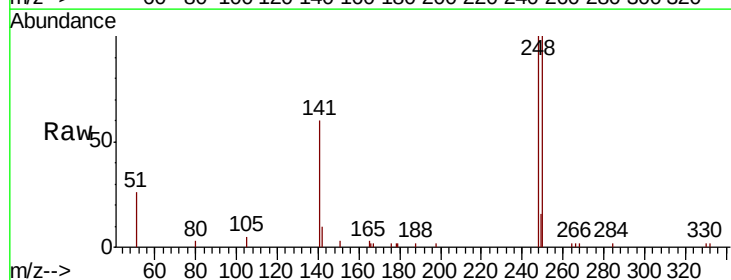
Tgt Ion:248 Resp: 4228

Ion Ratio Lower Upper

248 100

250 99.9 79.9 119.9

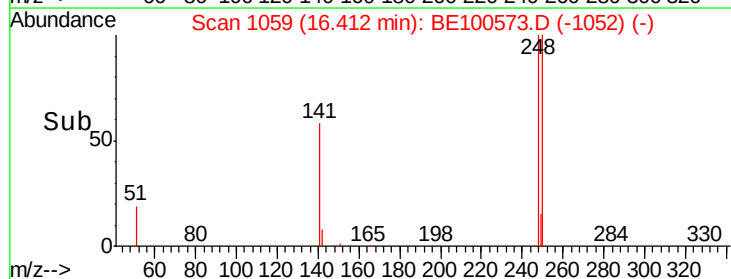
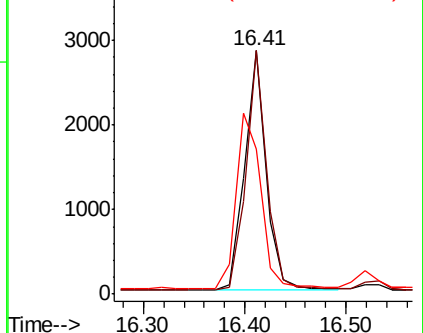
141 59.6 47.7 71.5

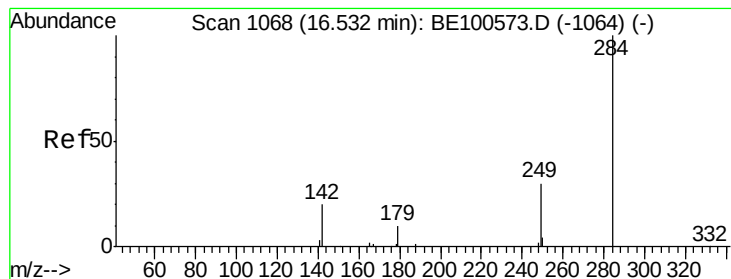


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.362 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

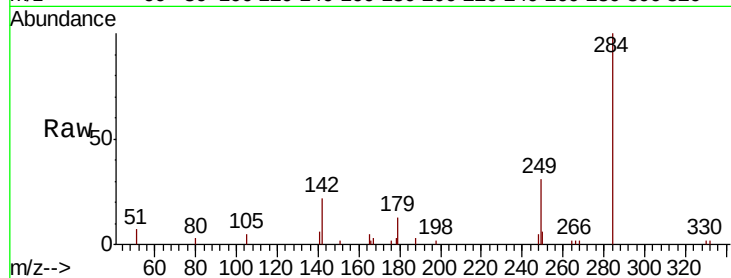
Tot Ion:284 Resp: 3658

Ion Ratio Lower Upper

284 100

142 46.2 37.0 55.4

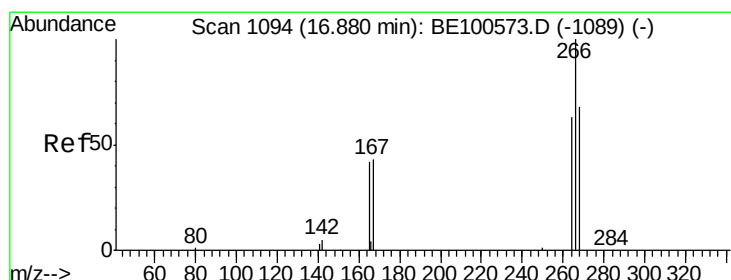
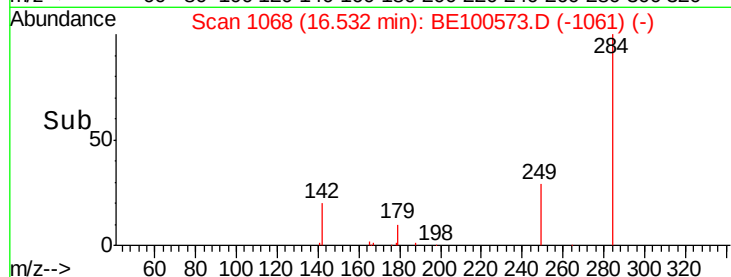
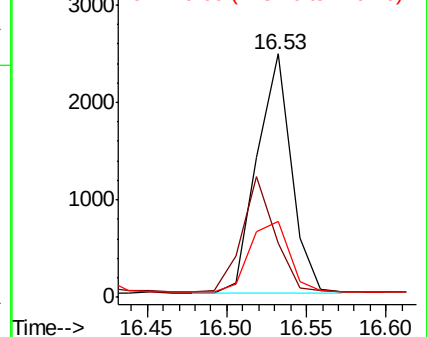
249 33.7 27.0 40.4



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: 0.432 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

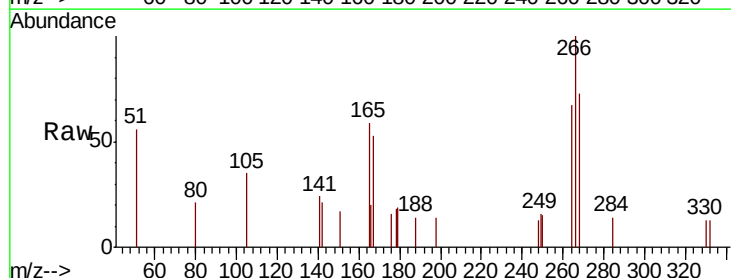
Tgt Ion:266 Resp: 998

Ion Ratio Lower Upper

266 100

264 66.9 53.5 80.3

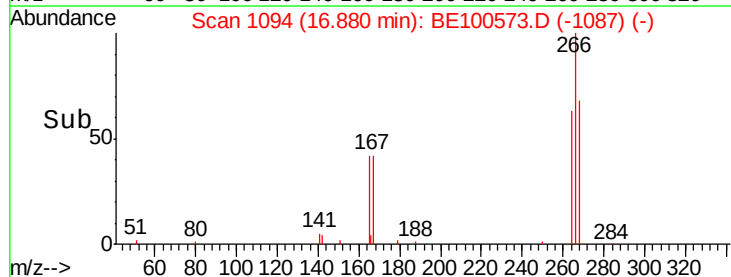
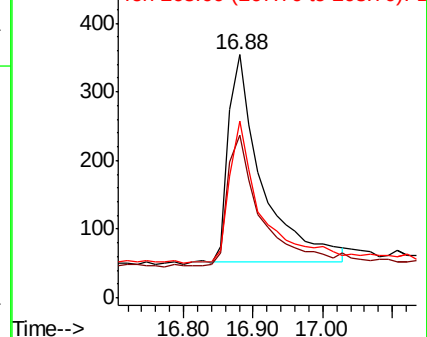
268 72.9 58.3 87.5

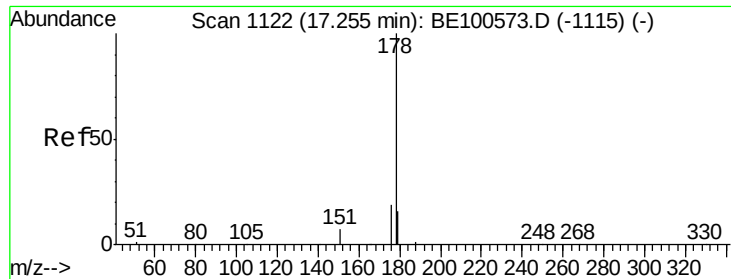


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.397 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampled :

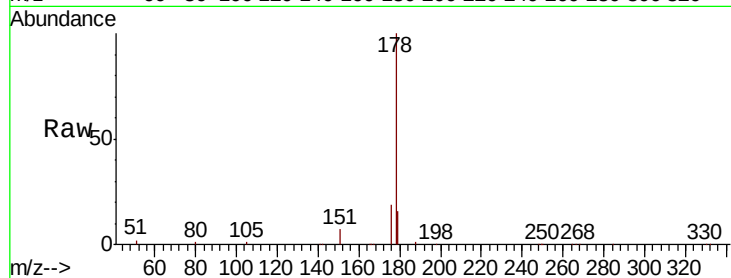
Tot Ion:178 Resp: 27319

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.4 18.6

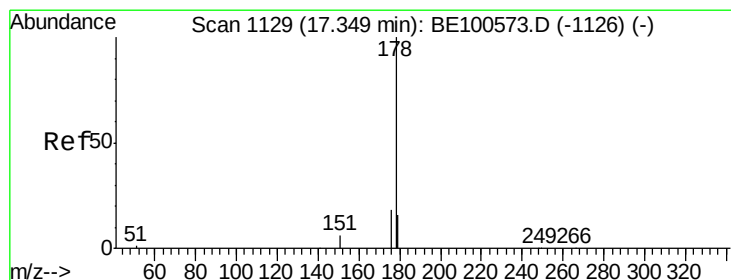
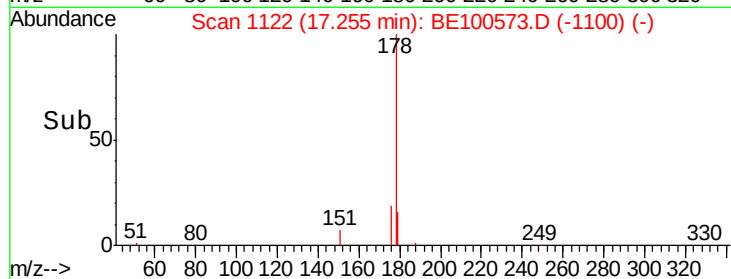
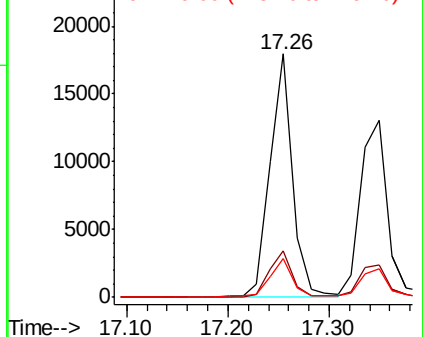


Abundance

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: 0.402 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

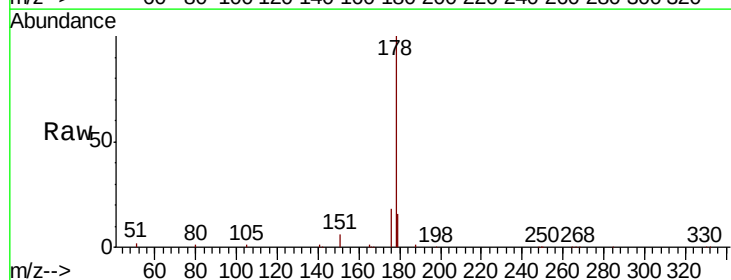
Tgt Ion:178 Resp: 23309

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.4 12.3 18.5

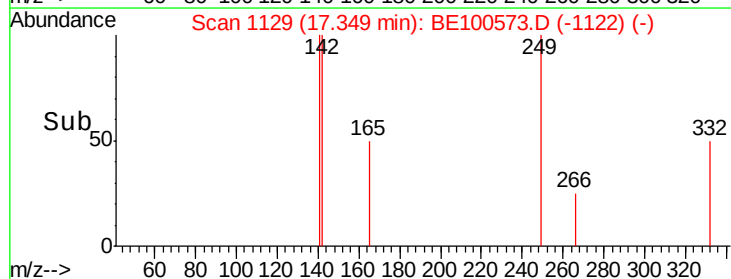
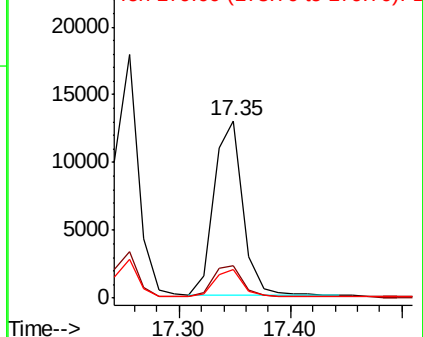


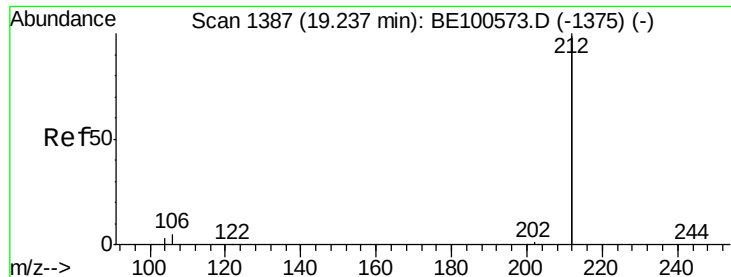
Abundance

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

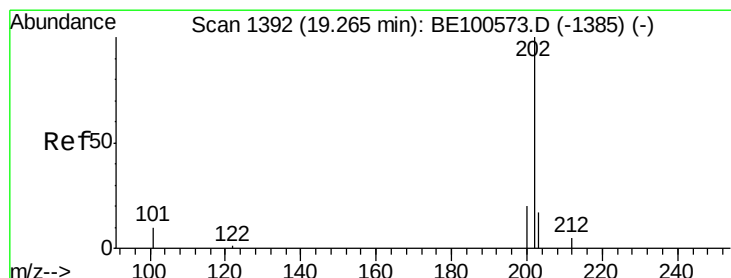
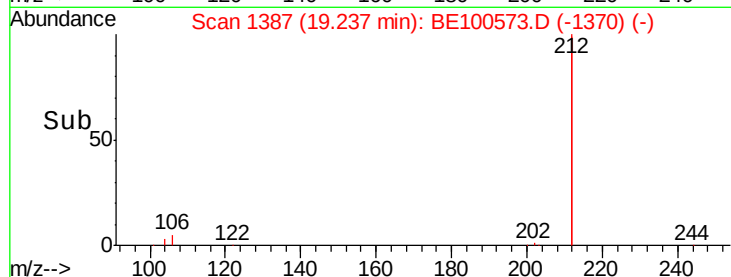
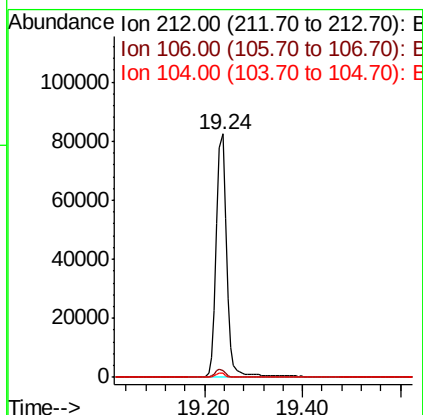
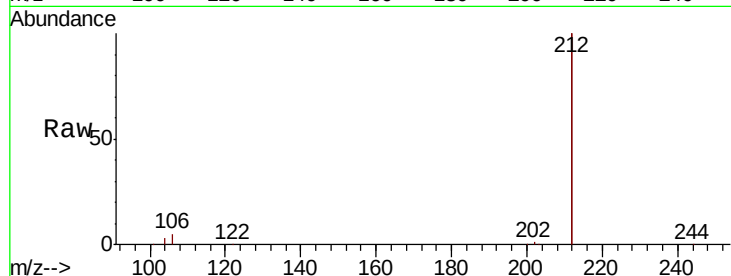




#25
 Fluoranthene-d10
 Concen: 0.411 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BE100573.D
 Acq: 27 Sep 2019 15:17

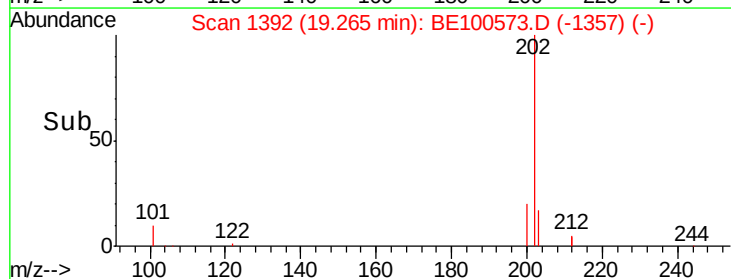
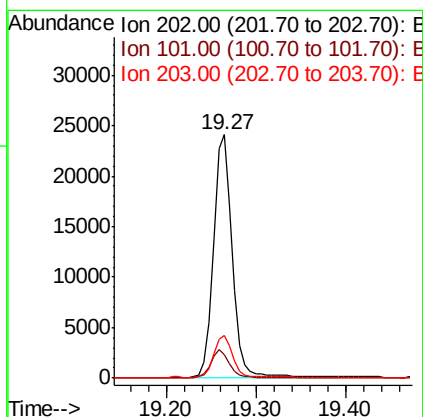
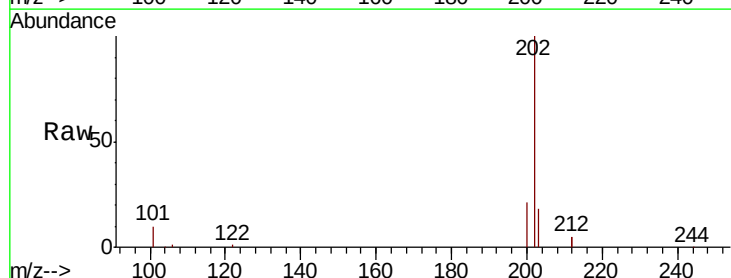
Instrument :
 BNA_E
 ClientSampled :

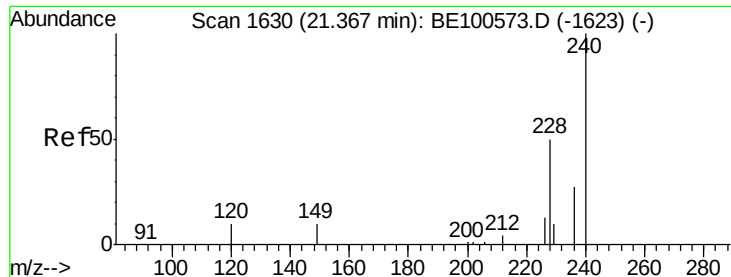
Tot Ion:212 Resp: 120874
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.5 3.7
 104 1.7 1.4 2.0



#26
 Fluoranthene
 Concen: 0.418 ng
 RT: 19.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BE100573.D
 Acq: 27 Sep 2019 15:17

Tgt Ion:202 Resp: 34709
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.0 13.4
 203 17.0 13.6 20.4

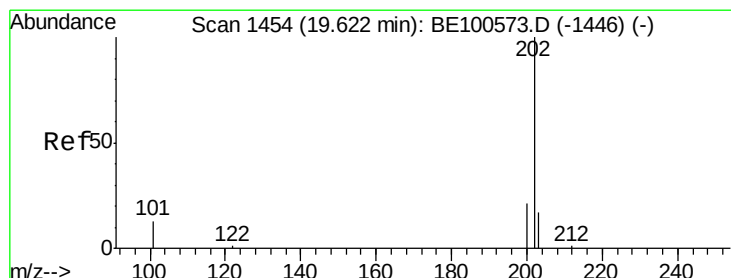
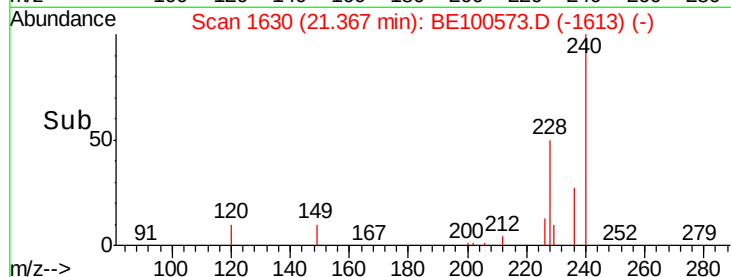
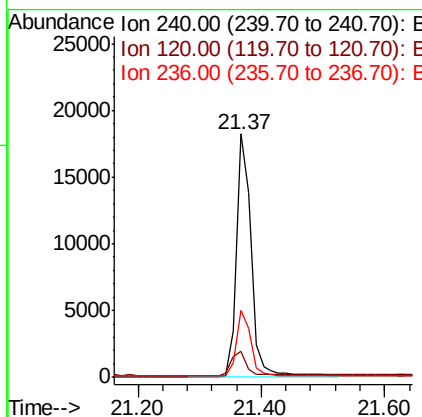
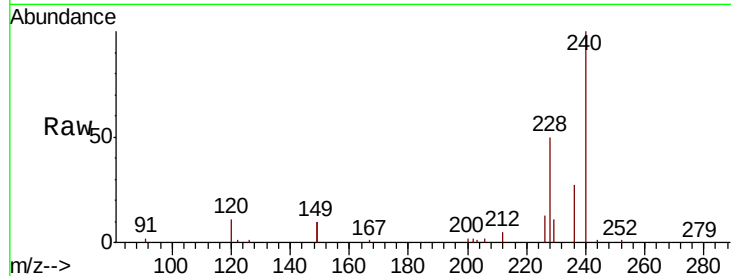




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

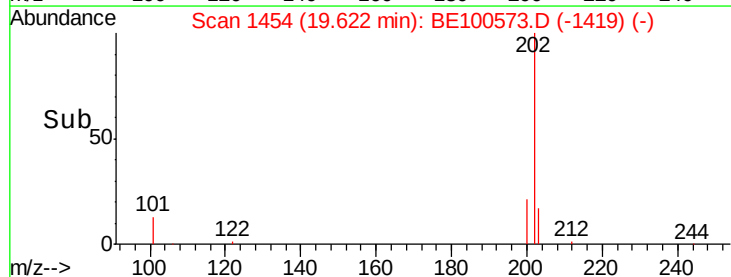
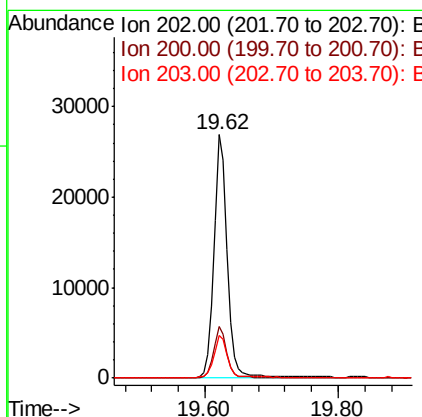
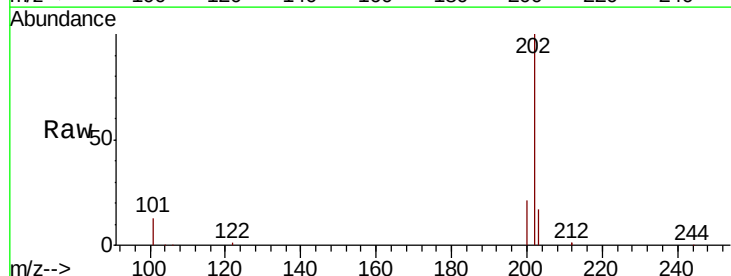
Instrument :
BNA_E
ClientSampled :

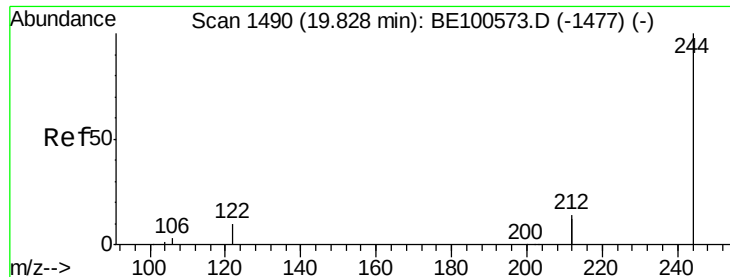
Tot Ion:240 Resp: 29298
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 27.3 21.8 32.8



#28
Pyrene
Concen: 0.434 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE100573.D
Acq: 27 Sep 2019 15:17

Tgt Ion:202 Resp: 36556
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.7 14.2 21.2





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 19.83 min Scan# 1490

Delta R.T. 0.00 min

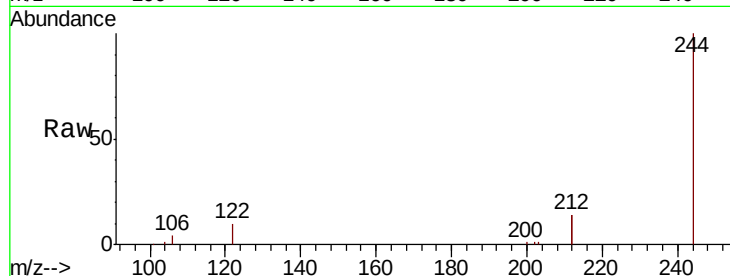
Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampled :



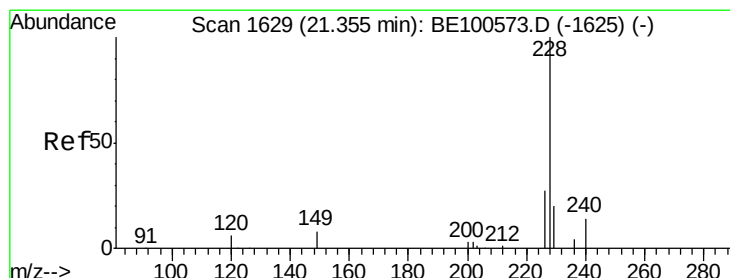
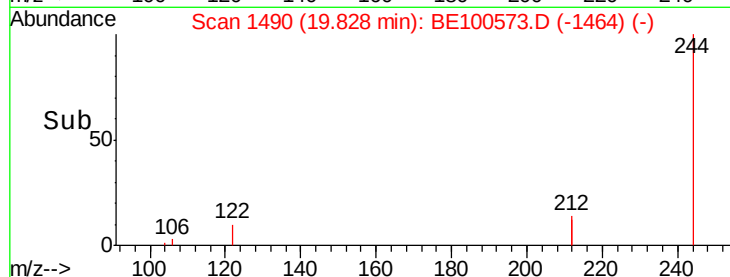
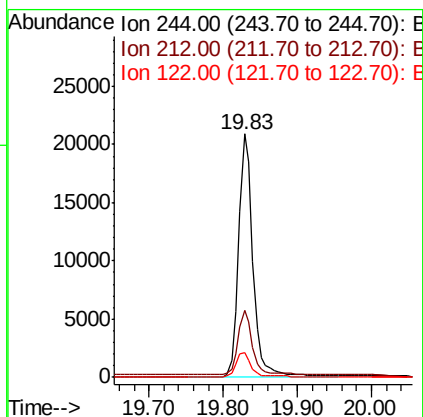
Tot Ion:244 Resp: 27971

Ion Ratio Lower Upper

244 100

212 27.3 21.8 32.8

122 10.3 8.2 12.4



#30

Benzo(a)anthracene

Concen: 0.433 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

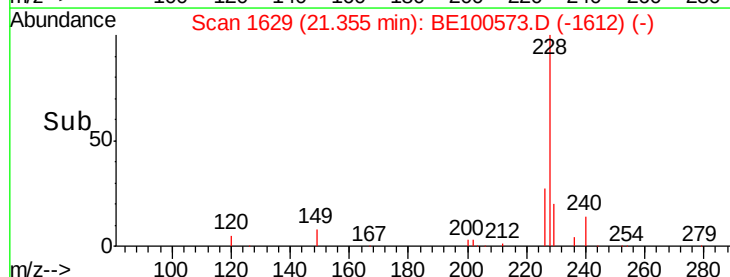
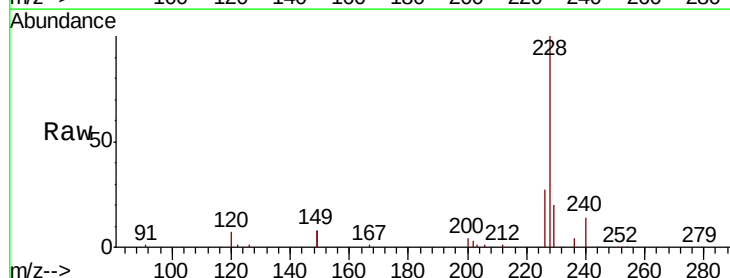
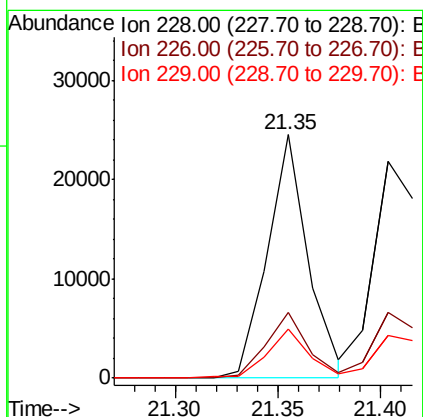
Tgt Ion:228 Resp: 33873

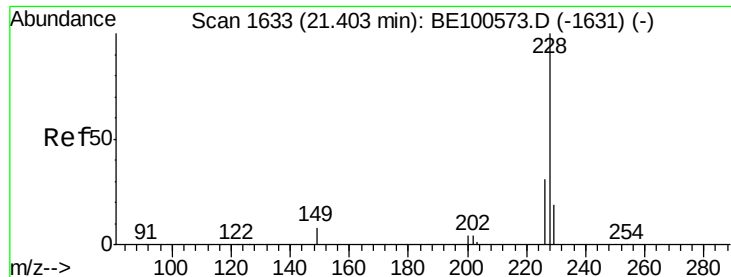
Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 20.1 16.1 24.1





#31

Chrysene

Concen: 0.395 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

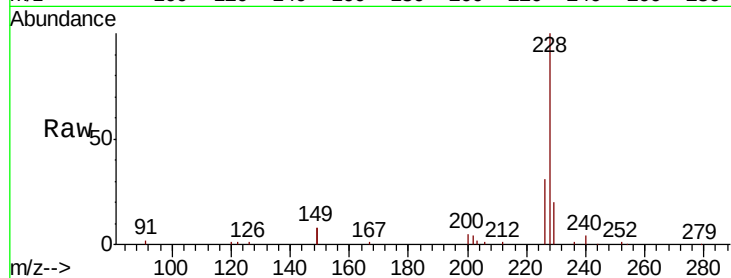
Tot Ion:228 Resp: 35189

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

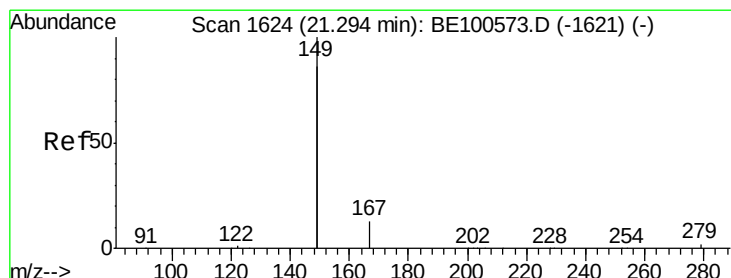
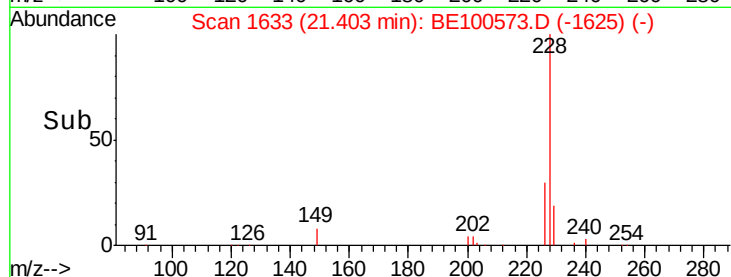
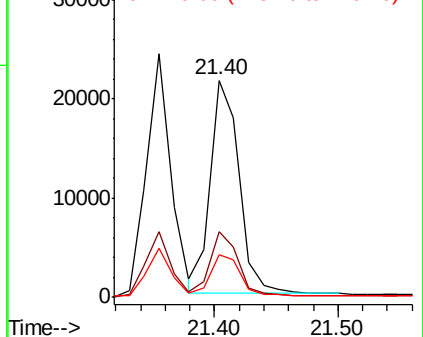
229 19.5 15.6 23.4



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: 1.003 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

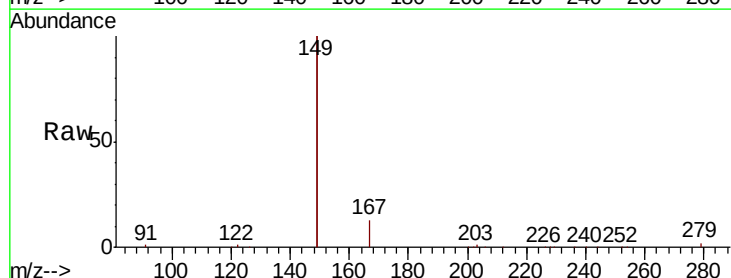
Tgt Ion:149 Resp: 84623

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

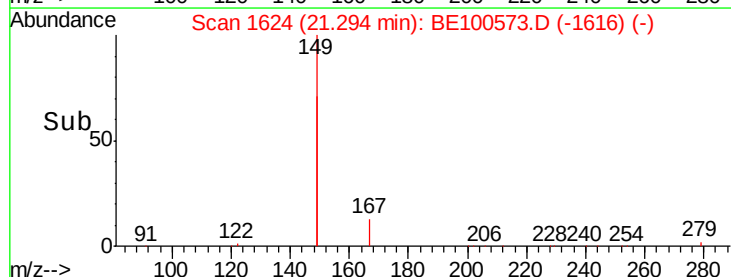
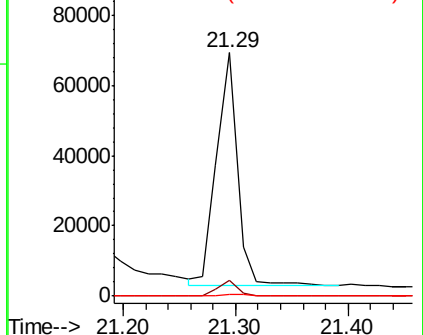
279 1.0 0.8 1.2

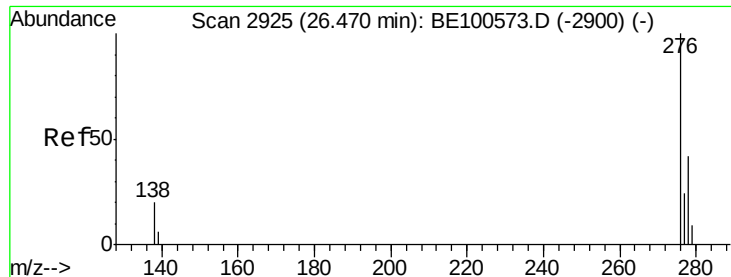


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.437 ng

RT: 26.47 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

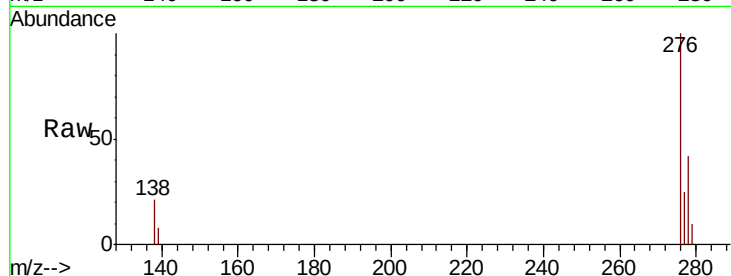
Tot Ion:276 Resp: 43351

Ion Ratio Lower Upper

276 100

138 23.2 18.6 27.8

277 24.2 19.4 29.2

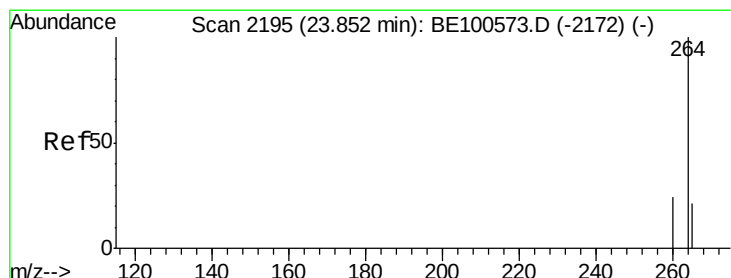
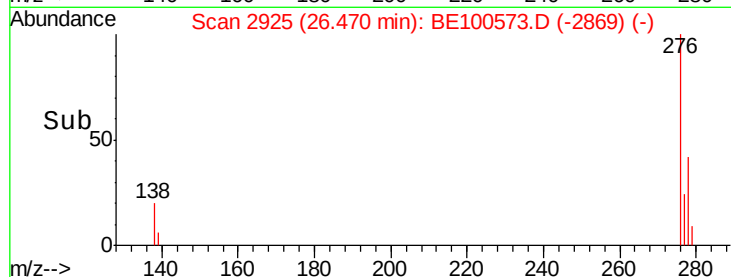
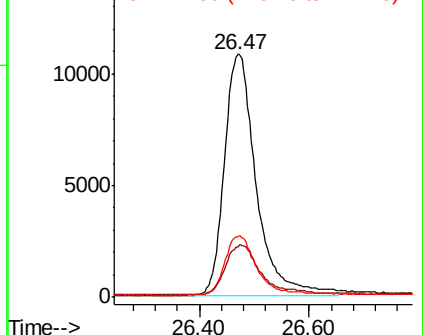


Abundance

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: 23.85 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

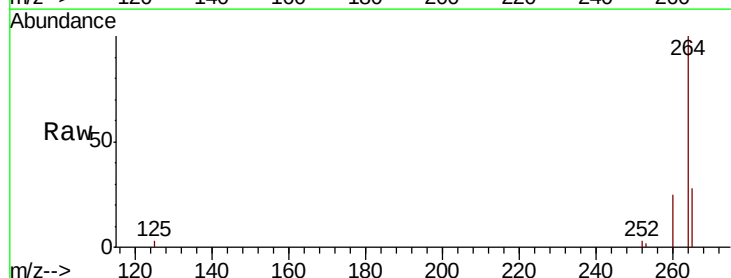
Tgt Ion:264 Resp: 34637

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 27.8 22.2 33.4

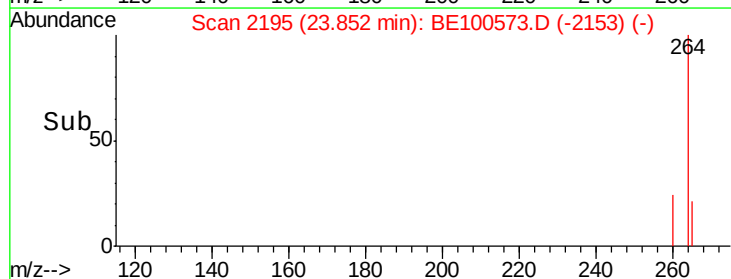
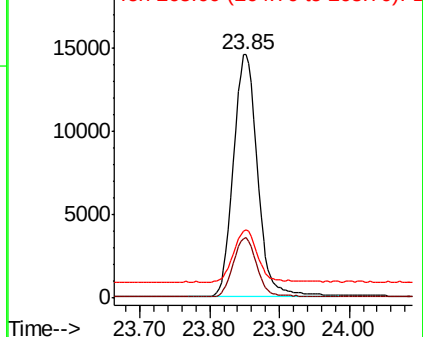


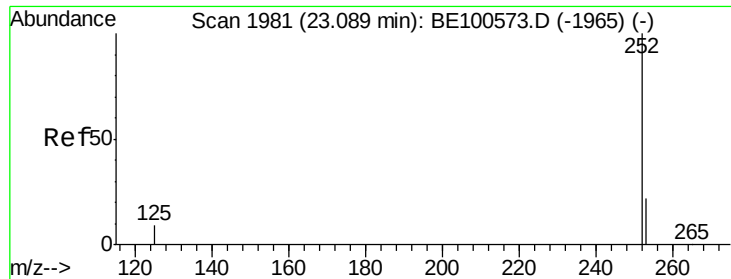
Abundance

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: 0.386 ng

RT: 23.09 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

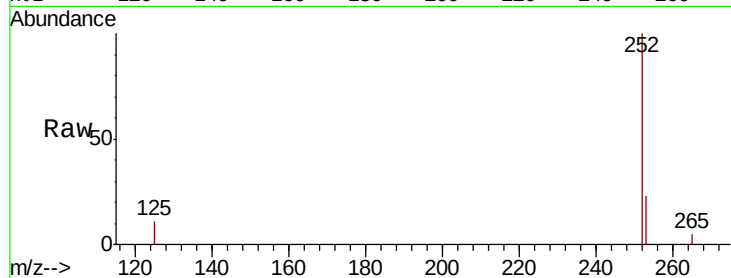
Tot Ion:252 Resp: 36186

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 10.9 8.7 13.1

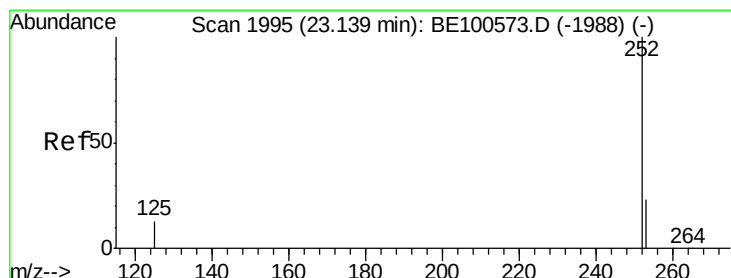
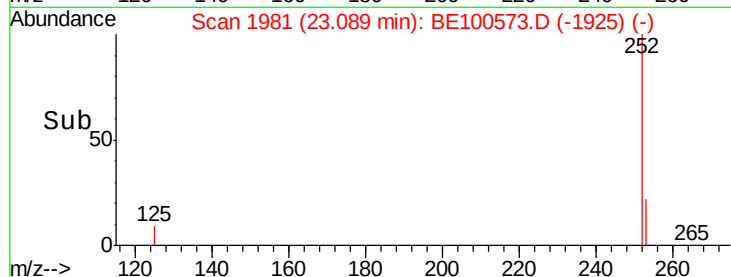
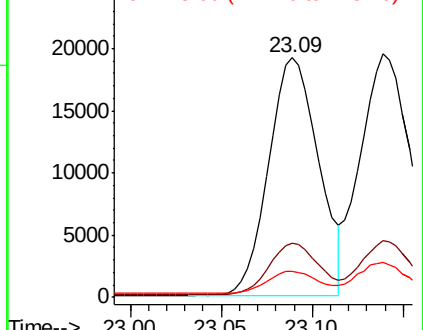


Abundance

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: 0.362 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

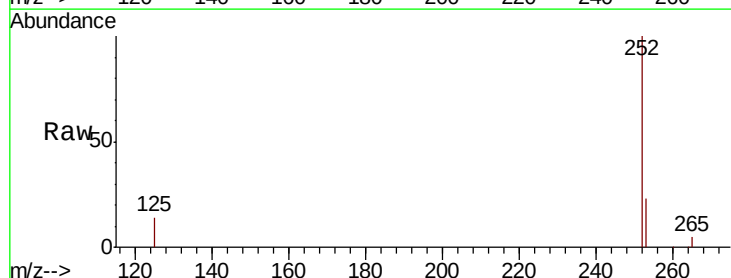
Tgt Ion:252 Resp: 39202

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

125 14.3 11.4 17.2

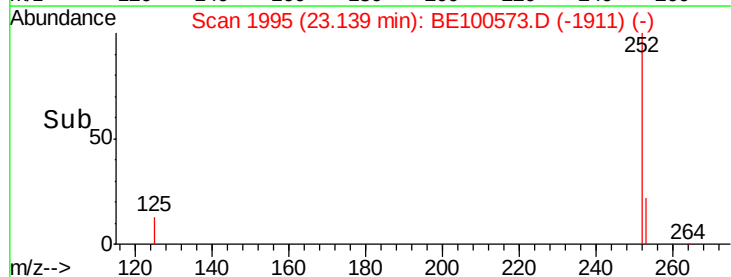
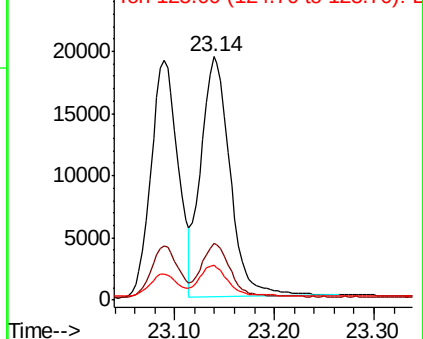


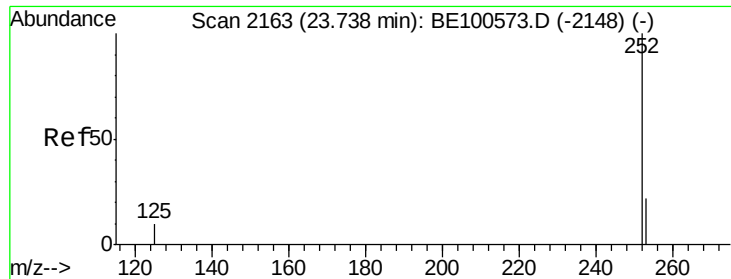
Abundance

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: 0.401 ng

RT: 23.74 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :

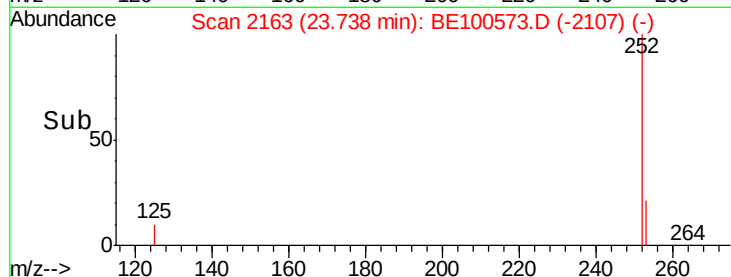
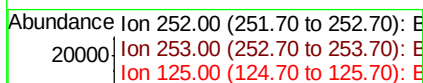
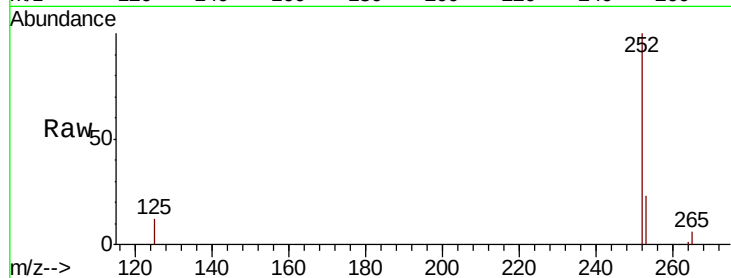
Tot Ion:252 Resp: 35029

Ion Ratio Lower Upper

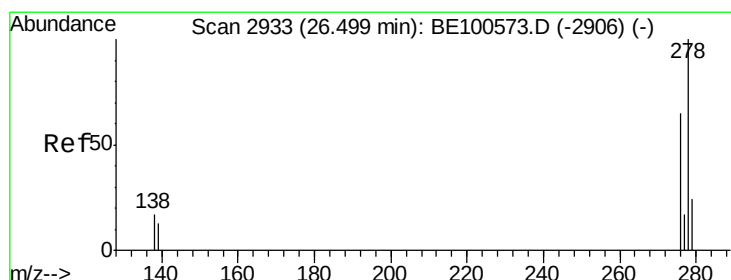
252 100

253 22.8 18.2 27.4

125 12.2 9.8 14.6



Time-->



#38

Dibenzo(a,h)anthracene

Concen: 0.386 ng

RT: 26.50 min Scan# 2933

Delta R.T. 0.00 min

Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

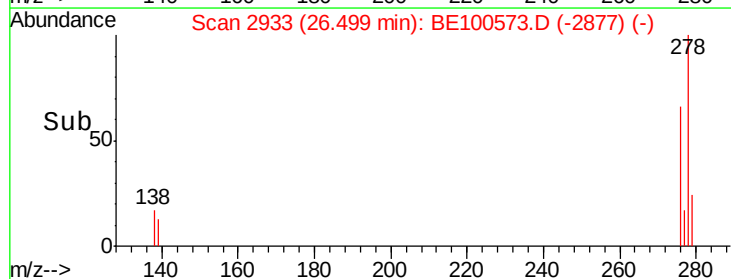
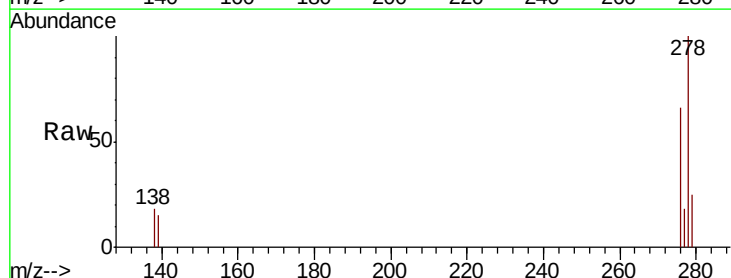
Tgt Ion:278 Resp: 35117

Ion Ratio Lower Upper

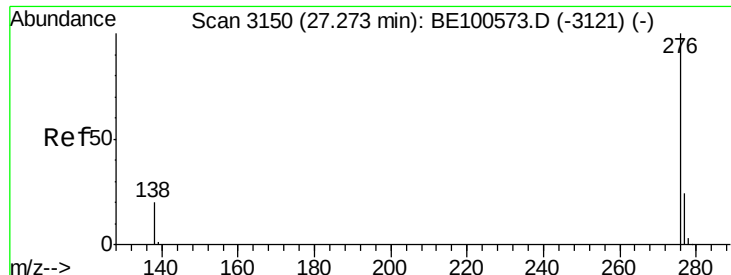
278 100

139 14.6 11.7 17.5

279 24.9 19.9 29.9



Time-->



#39

Benzo(a,h,i)perylene

Concen: 0.384 ng

RT: 27.27 min Scan# 3150

Delta R.T. 0.00 min

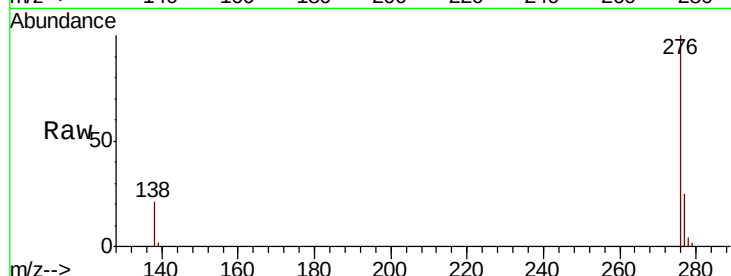
Lab File: BE100573.D

Acq: 27 Sep 2019 15:17

Instrument :

BNA_E

ClientSampleId :



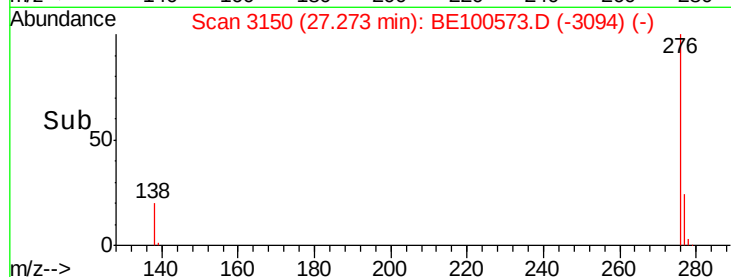
Tot Ion: 276 Resp: 36540

Ion Ratio Lower Upper

276 100

277 24.6 19.7 29.5

138 21.2 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

