

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
 Data File : BE100580.D
 Acq On : 30 Sep 2019 10:36
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 01 03:50:08 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	3823	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	18553	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	10933	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	26171	0.40	ng	0.00
27) Chrysene-d12	21.37	240	31165	0.40	ng	0.00
34) Perylene-d12	23.85	264	37513	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	4112	0.36	ng	0.00
5) Phenol-d6	7.02	99	5453	0.36	ng	0.00
8) Nitrobenzene-d5	9.00	82	4663	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	10840	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1010	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	15351	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	124993	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	29642	0.38	ng	0.00

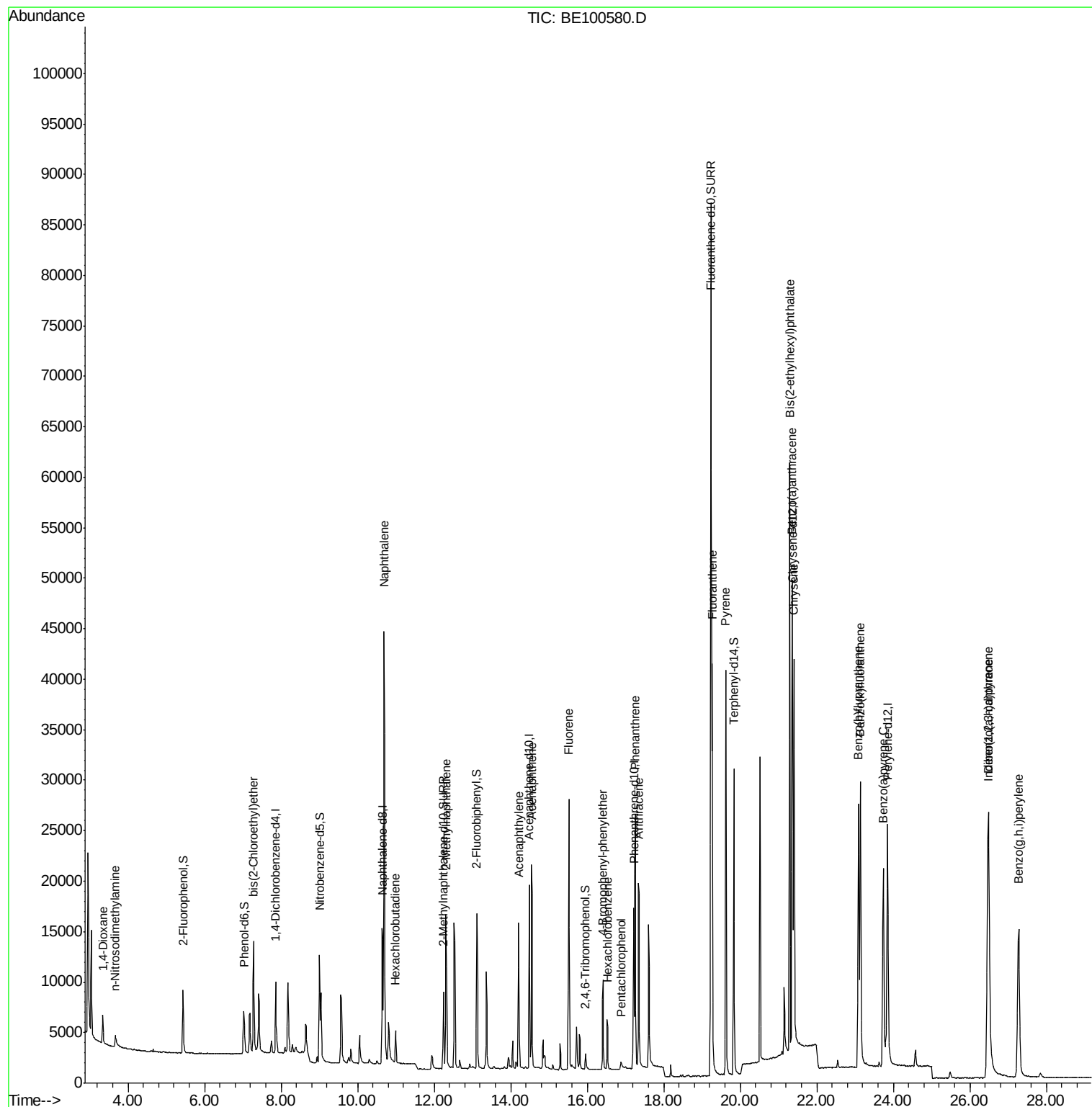
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2571	0.371	ng	96
3) n-Nitrosodimethylamine	3.66	42	1175	0.320	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	4881	0.369	ng	99
9) Naphthalene	10.69	128	75307	0.391	ng	100
10) Hexachlorobutadiene	10.99	225	2386	0.407	ng	99
12) 2-Methylnaphthalene	12.31	142	12289	0.375	ng	100
16) Acenaphthylene	14.21	152	18354	0.377	ng	99
17) Acenaphthene	14.54	154	12141	0.388	ng	99
18) Fluorene	15.52	166	15755	0.387	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	4678	0.383	ng	96
21) Hexachlorobenzene	16.53	284	4064	0.405	ng	99
22) Pentachlorophenol	16.88	266	888	0.437	ng	97
23) Phenanthrene	17.26	178	29454	0.399	ng	100
24) Anthracene	17.34	178	24431	0.366	ng	100
26) Fluoranthene	19.26	202	36709	0.396	ng	100
28) Pyrene	19.62	202	38006	0.403	ng	100
30) Benzo(a)anthracene	21.35	228	35013	0.381	ng	100
31) Chrysene	21.40	228	37504	0.401	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	68439	0.281	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	45389	0.393	ng	99
35) Benzo(b)fluoranthene	23.09	252	38591	0.376	ng	99
36) Benzo(k)fluoranthene	23.14	252	41759	0.373	ng	99
37) Benzo(a)pyrene	23.73	252	36635	0.374	ng	99
38) Dibenzo(a,h)anthracene	26.49	278	37265	0.373	ng	99
39) Benzo(g,h,i)perylene	27.28	276	38169	0.374	ng	99

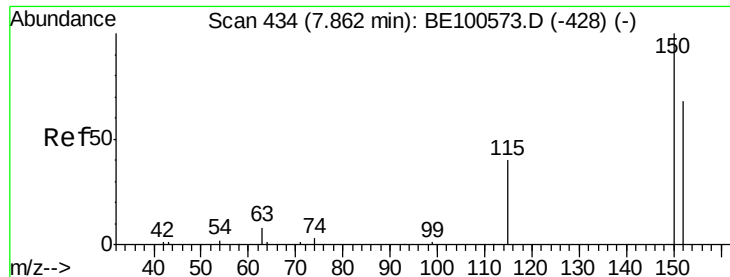
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE093019\
Data File : BE100580.D
Acq On : 30 Sep 2019 10:36
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Oct 01 03:50:08 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

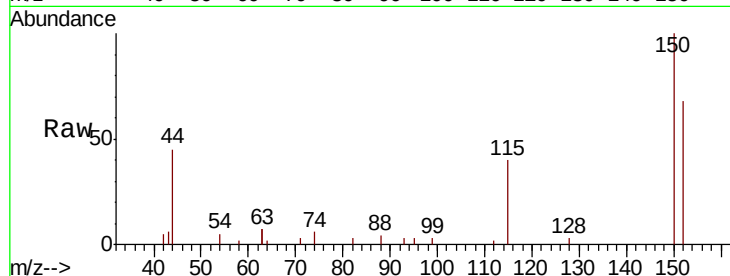
Tot Ion:152 Resp: 3823

Ion Ratio Lower Upper

152 100

150 146.1 116.9 175.3

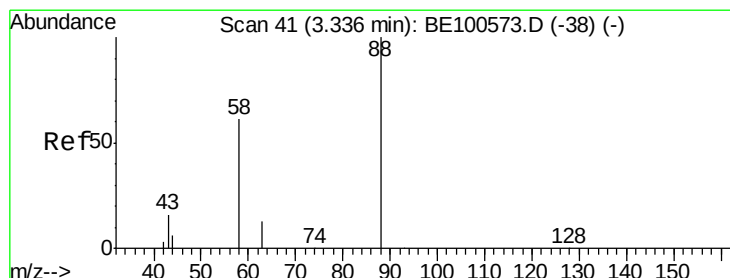
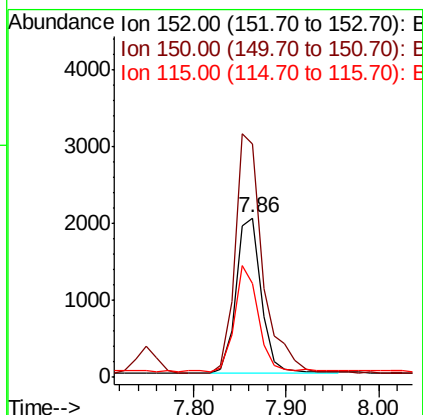
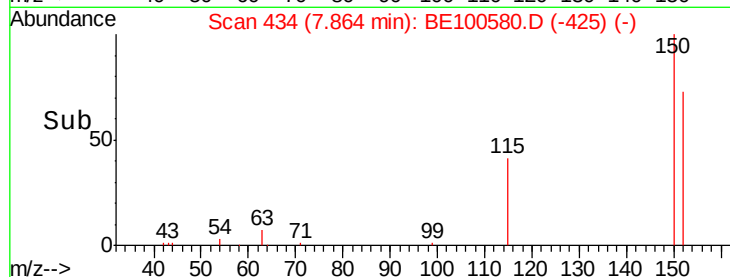
115 58.8 50.2 75.4



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: 0.371 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

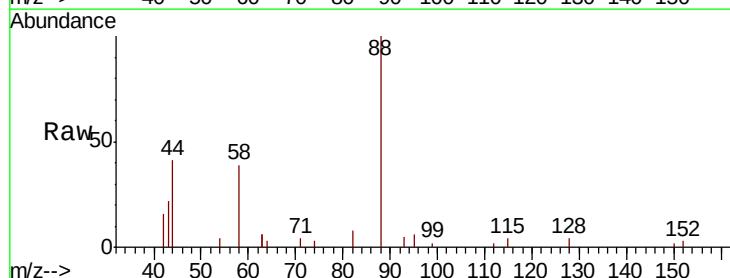
Tgt Ion: 88 Resp: 2571

Ion Ratio Lower Upper

88 100

58 60.2 46.4 69.6

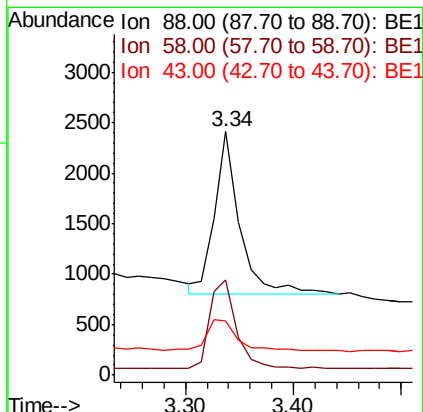
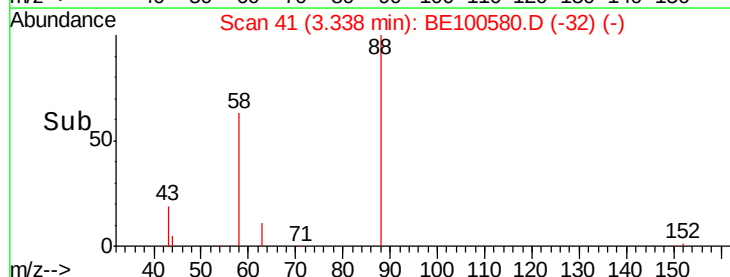
43 24.2 16.7 25.1

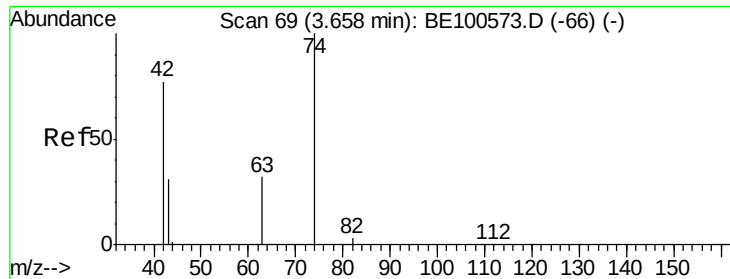


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



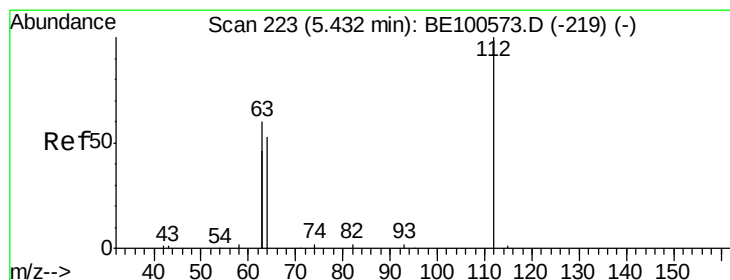
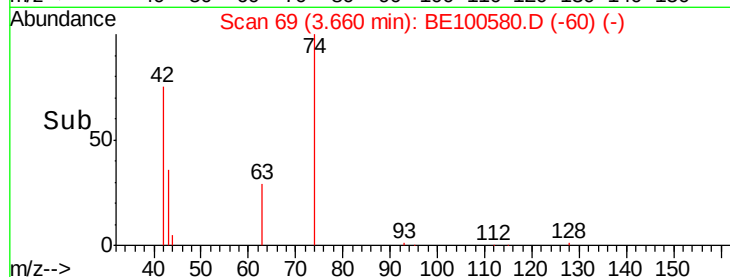
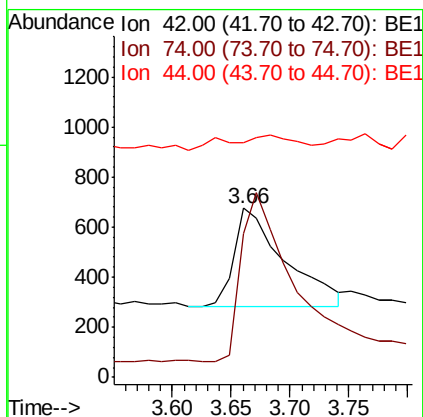
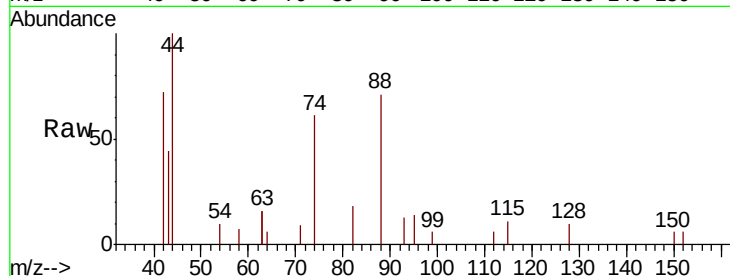


#3

n-Nitrosodimethylamine
 Concen: 0.320 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.00 min
 Lab File: BE100580.D
 Acq: 30 Sep 2019 10:36

Instrument :
 BNA_F
 ClientSampleId :

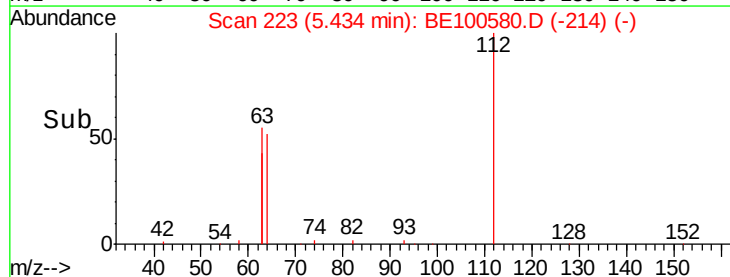
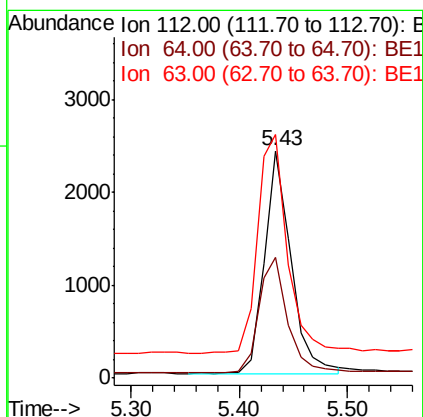
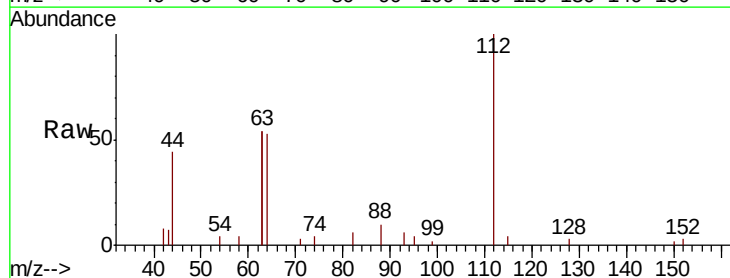
Tot Ion:	42	Resp:	1175
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

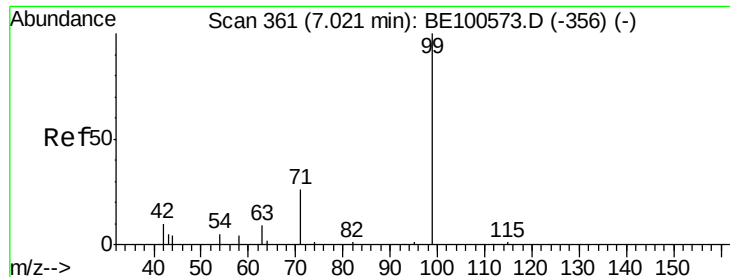


#4

2-Fluorophenol
 Concen: 0.365 ng
 RT: 5.43 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: BE100580.D
 Acq: 30 Sep 2019 10:36

Tgt Ion:	112	Resp:	4112
Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	109.8	90.1	135.1





#5

Phenol-d6

Concen: 0.356 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

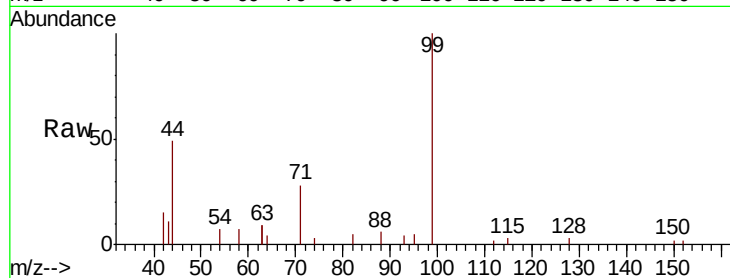
Tot Ion: 99 Resp: 5453

Ion Ratio Lower Upper

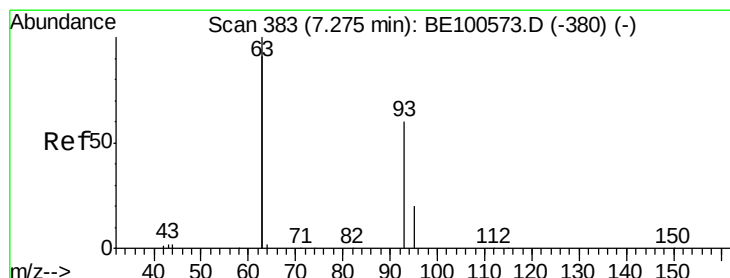
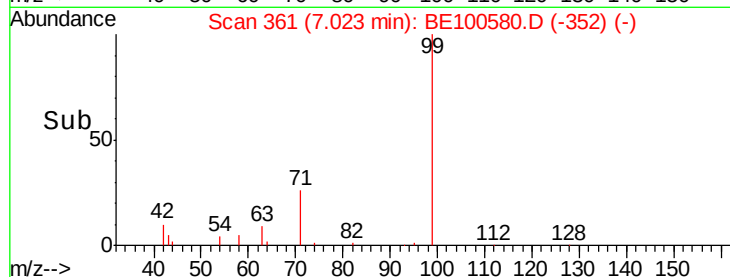
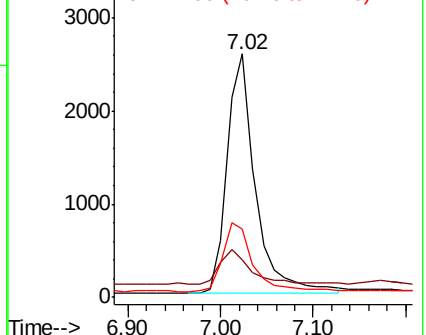
99 100

42 15.1 11.7 17.5

71 30.1 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: 0.369 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

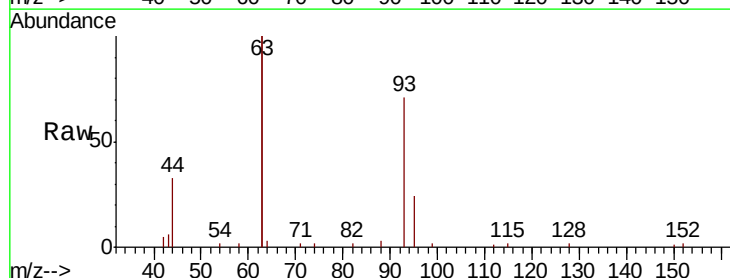
Tgt Ion: 93 Resp: 4881

Ion Ratio Lower Upper

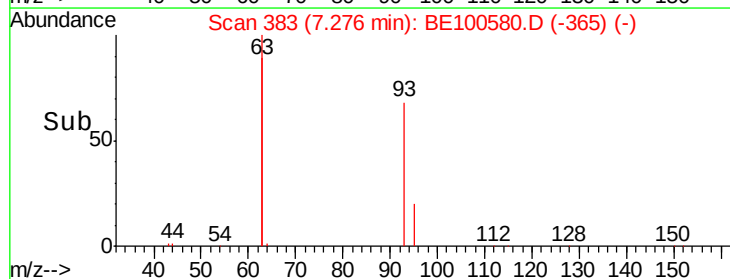
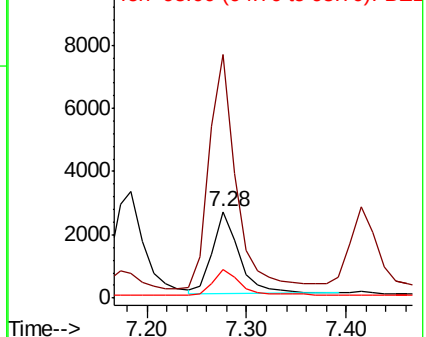
93 100

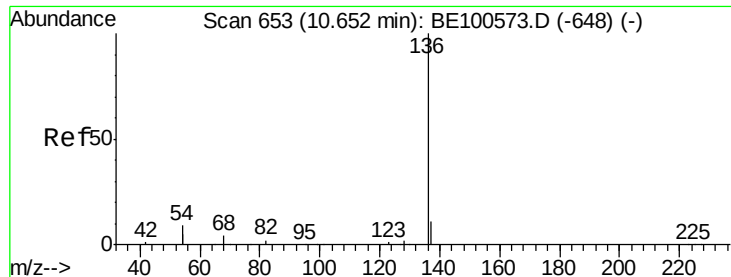
63 286.0 228.3 342.5

95 31.8 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: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 18553

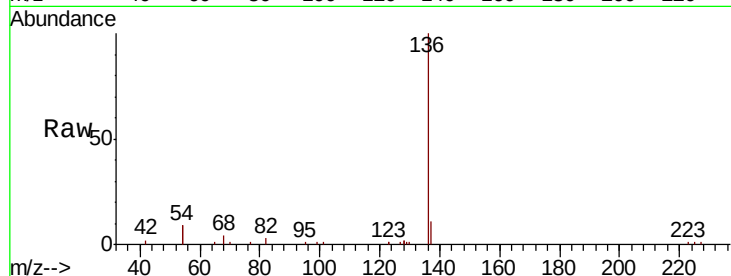
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 17.9 15.0 22.6

68 4.4 3.7 5.5

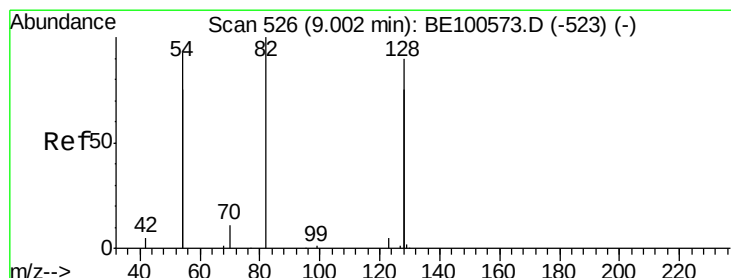
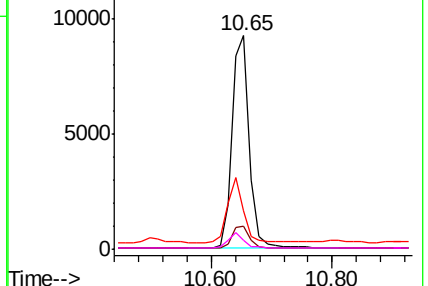
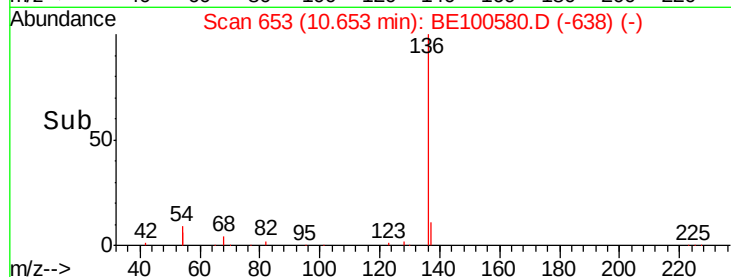


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

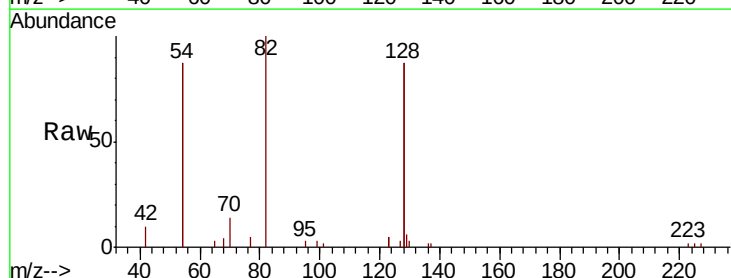
Tgt Ion: 82 Resp: 4663

Ion Ratio Lower Upper

82 100

128 173.6 137.9 206.9

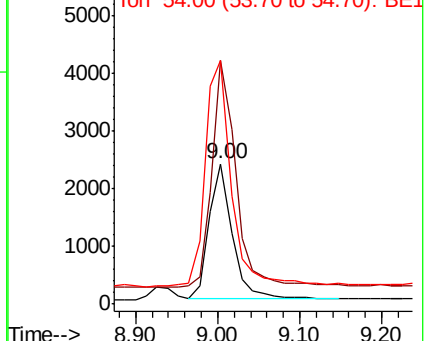
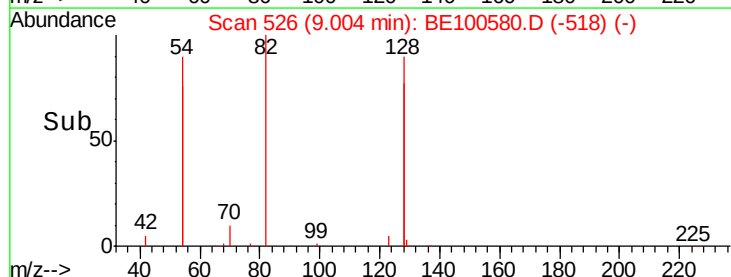
54 173.4 143.0 214.6

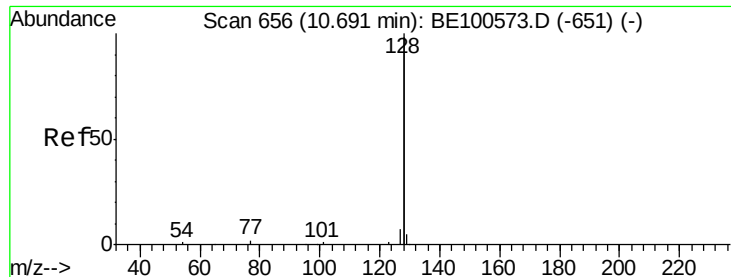


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.391 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampled :

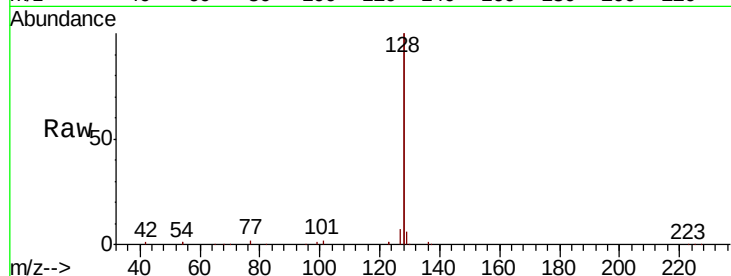
Tot Ion:128 Resp: 75307

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

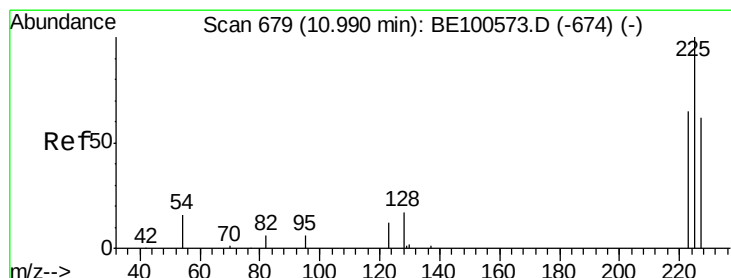
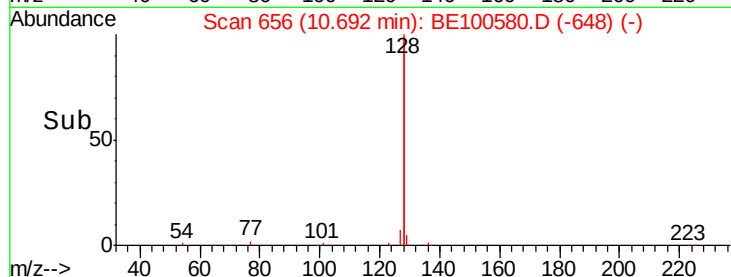
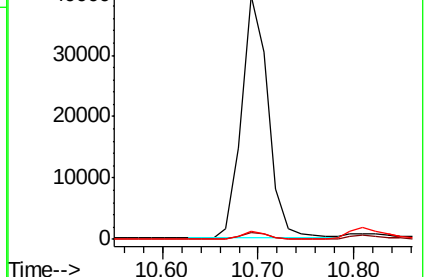
127 3.4 2.8 4.2



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: 0.407 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

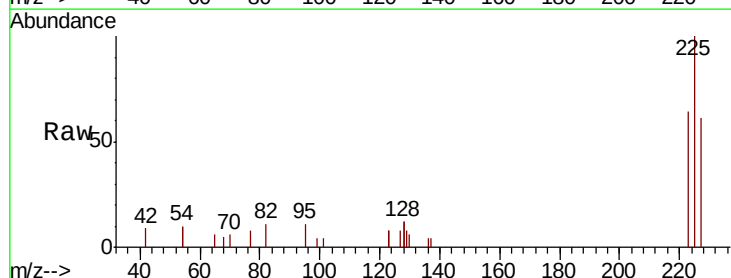
Tgt Ion:225 Resp: 2386

Ion Ratio Lower Upper

225 100

223 61.4 49.4 74.0

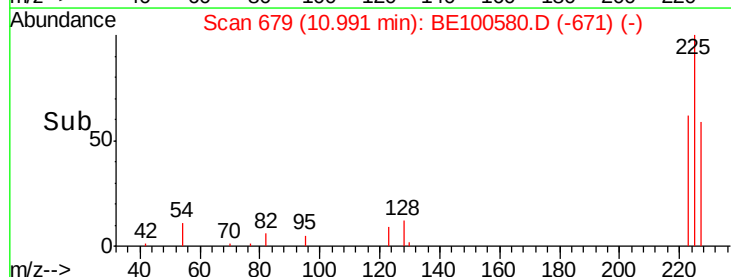
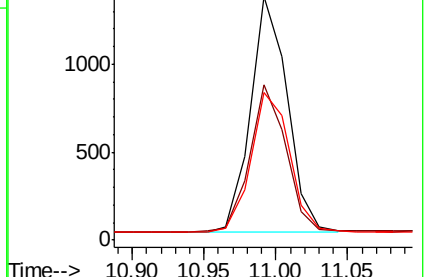
227 62.1 50.3 75.5

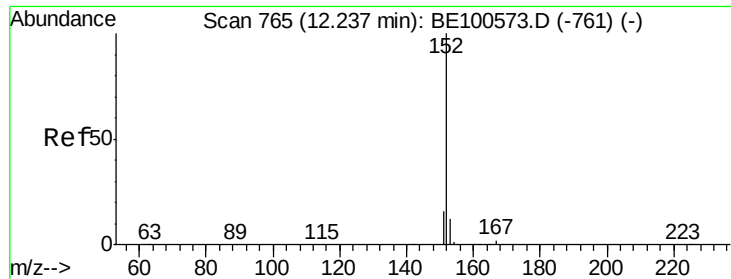


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

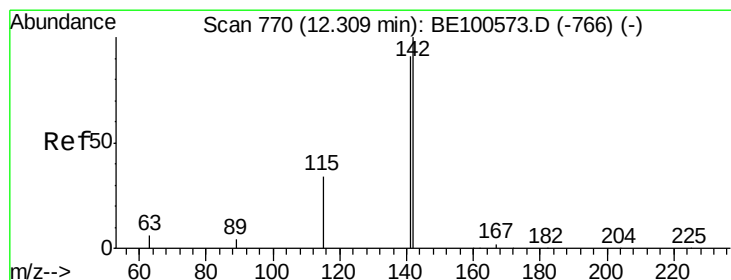
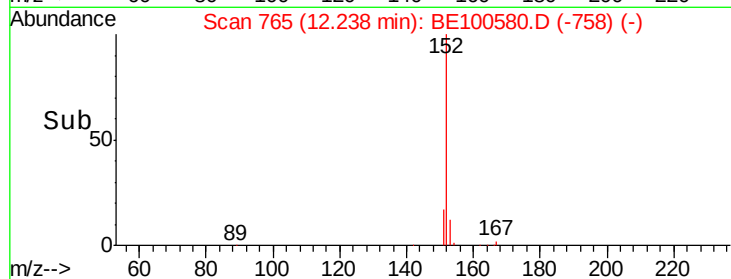
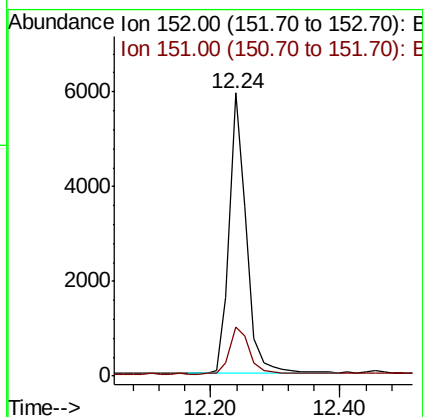
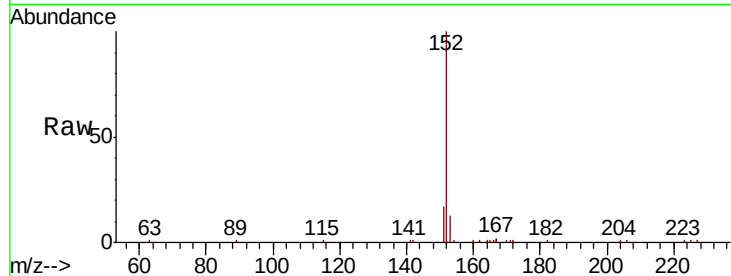




#11
 2-Methylnaphthalene-d10
 Concen: 0.375 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE100580.D
 Acq: 30 Sep 2019 10:36

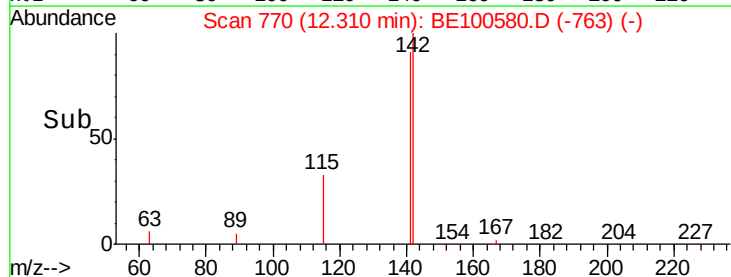
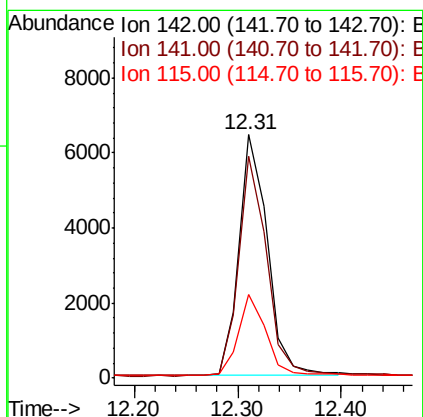
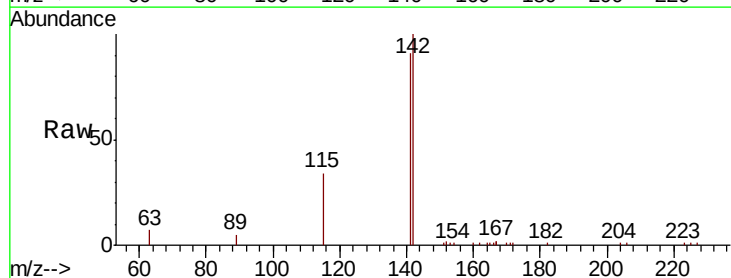
Instrument :
 BNA_F
 ClientSampleId :

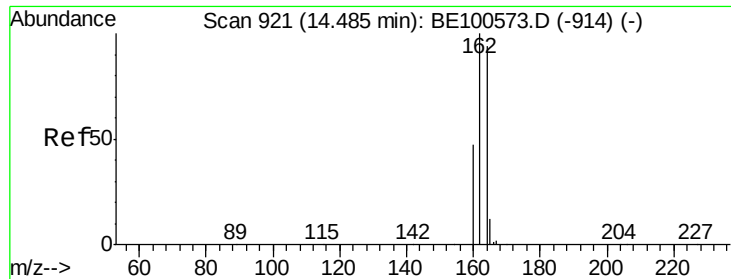
Tot Ion:152 Resp: 10840
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.375 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BE100580.D
 Acq: 30 Sep 2019 10:36

Tgt Ion:142 Resp: 12289
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.2 109.8
 115 34.4 28.2 42.2

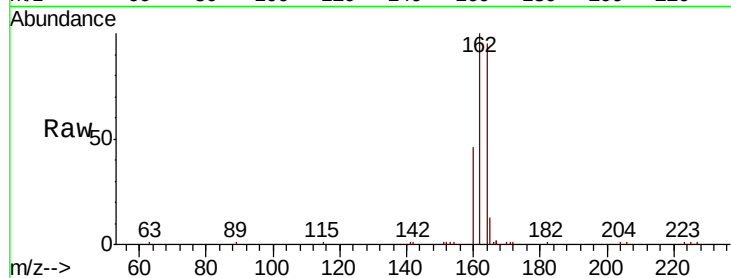




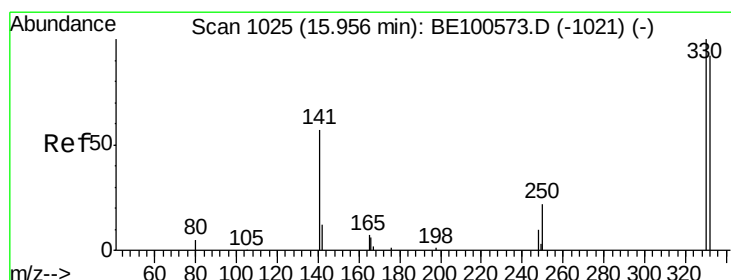
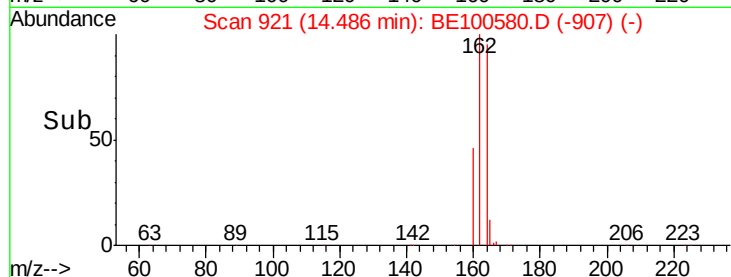
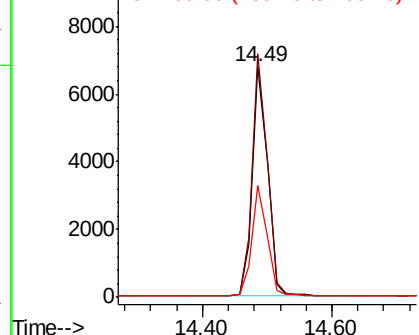
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 10933
Ion Ratio Lower Upper
164 100
162 105.7 85.0 127.4
160 48.8 40.2 60.4

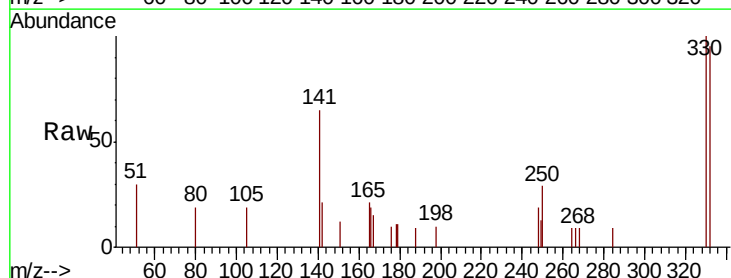


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

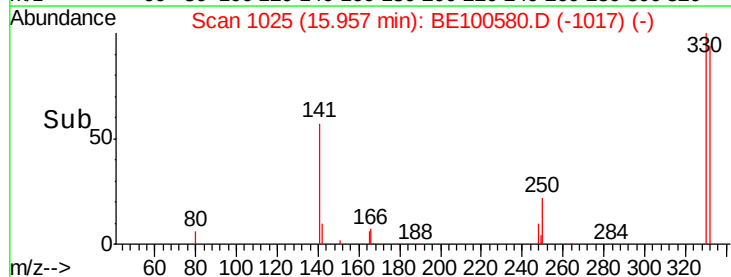
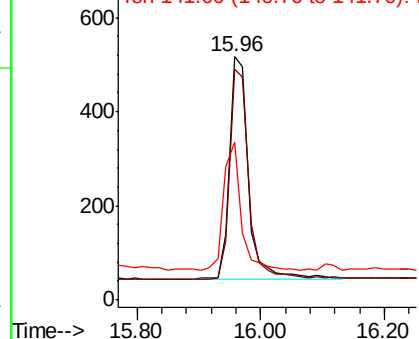


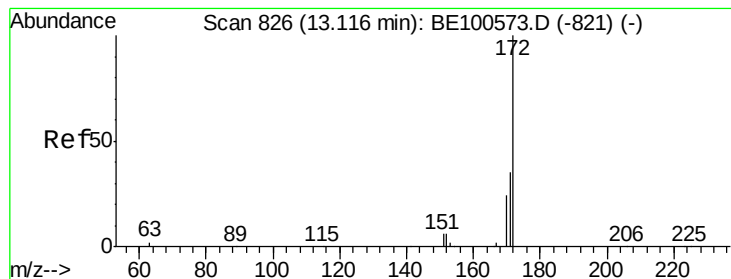
#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:330 Resp: 1010
Ion Ratio Lower Upper
330 100
332 93.3 78.1 117.1
141 52.3 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: 0.406 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

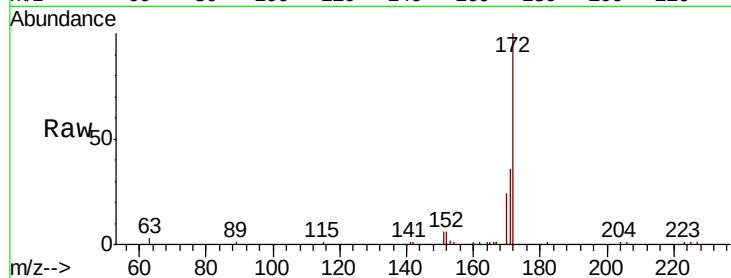
Tot Ion:172 Resp: 15351

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

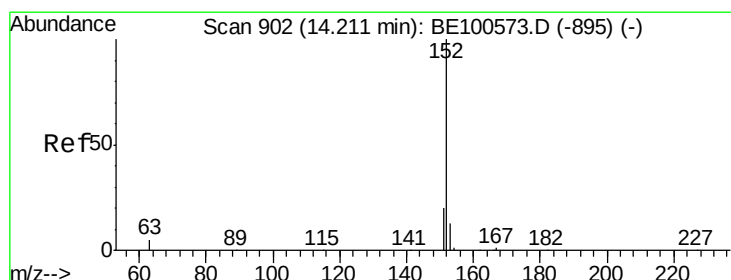
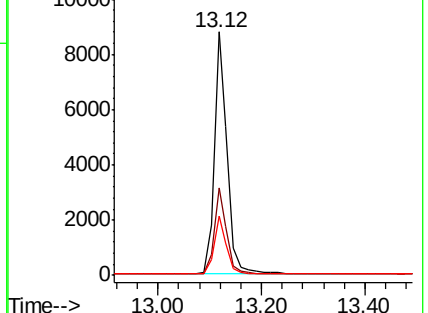
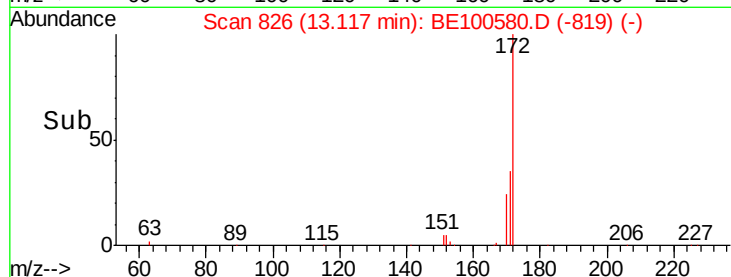
170 24.3 19.2 28.8



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: 0.377 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

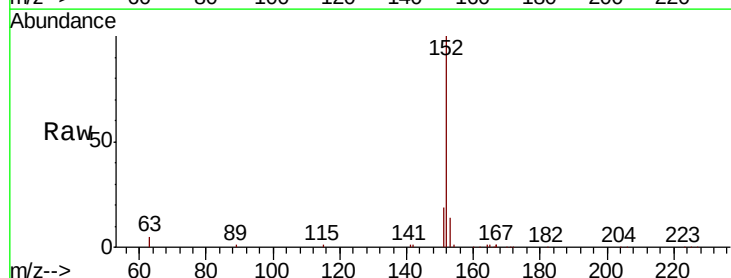
Tgt Ion:152 Resp: 18354

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

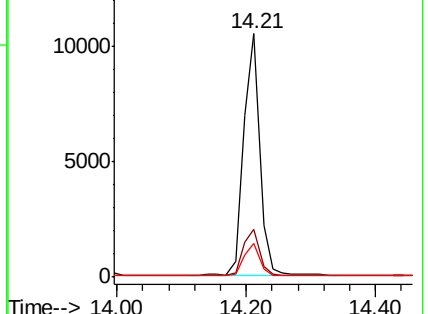
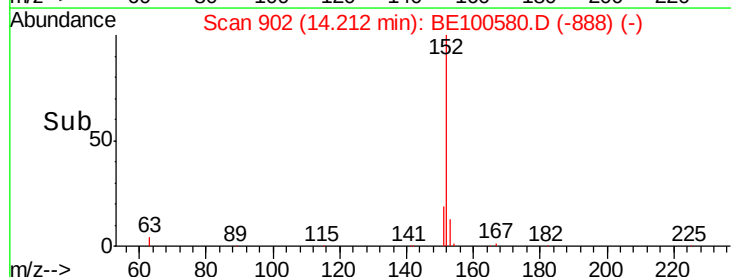
153 13.2 10.6 16.0

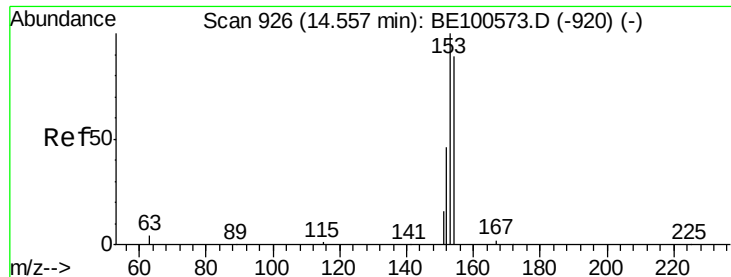


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

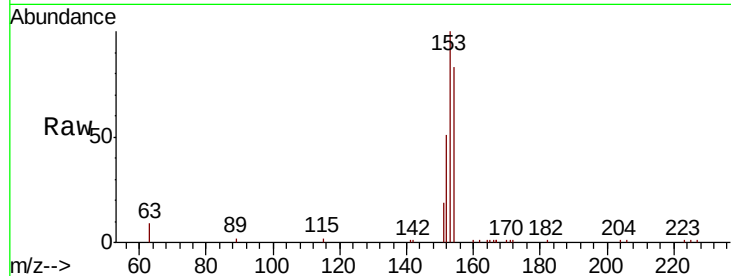




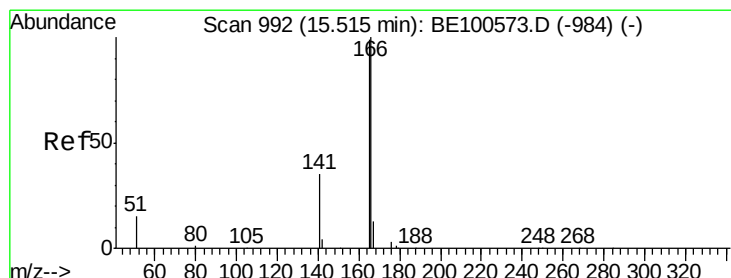
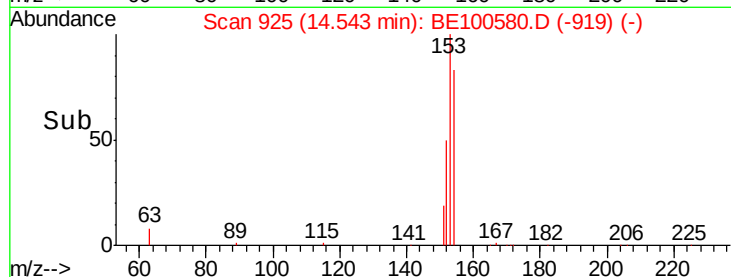
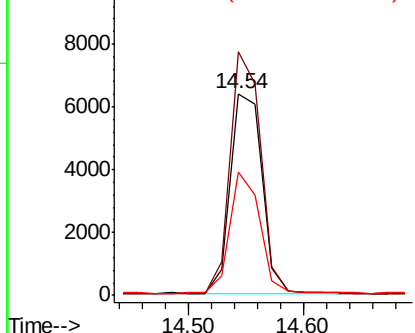
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 12141
Ion Ratio Lower Upper
154 100
153 116.8 92.7 139.1
152 57.6 45.6 68.4

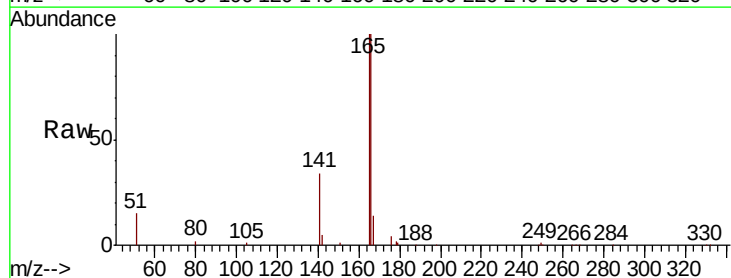


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

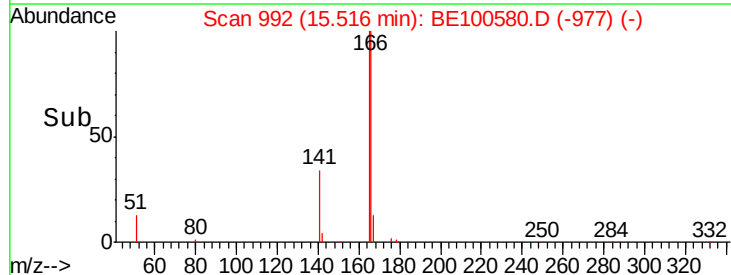
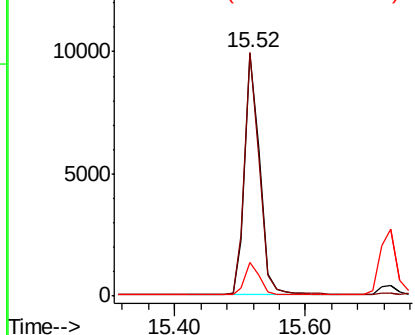


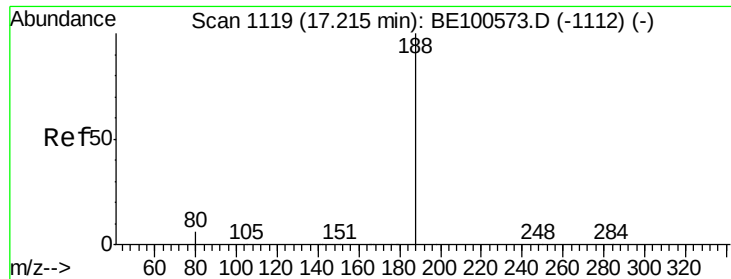
#18
Fluorene
Concen: 0.387 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100580.D
Acq: 30 Sep 2019 10:36

Tgt Ion:166 Resp: 15755
Ion Ratio Lower Upper
166 100
165 98.9 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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

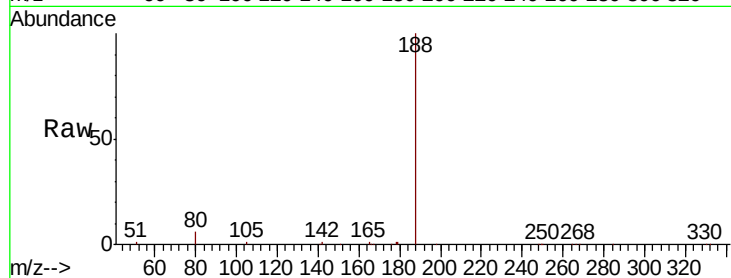
Tot Ion:188 Resp: 26171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

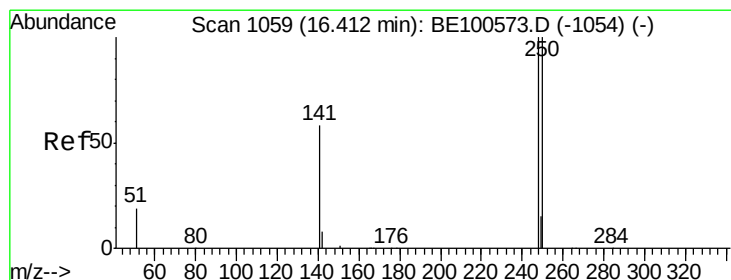
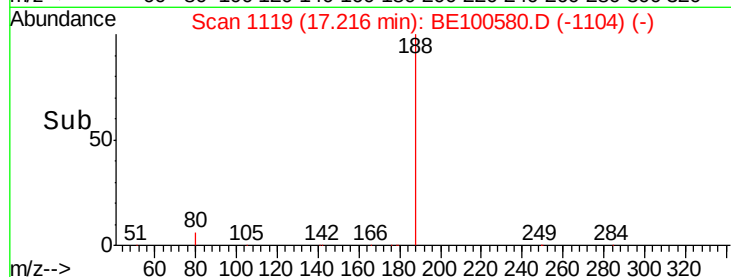
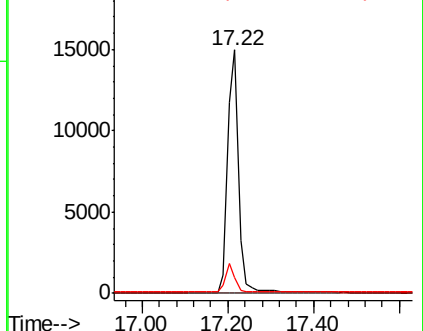
80 6.4 5.6 8.4



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: 0.383 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

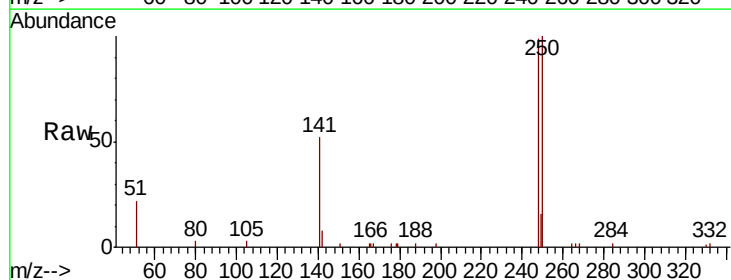
Tgt Ion:248 Resp: 4678

Ion Ratio Lower Upper

248 100

250 100.7 79.9 119.9

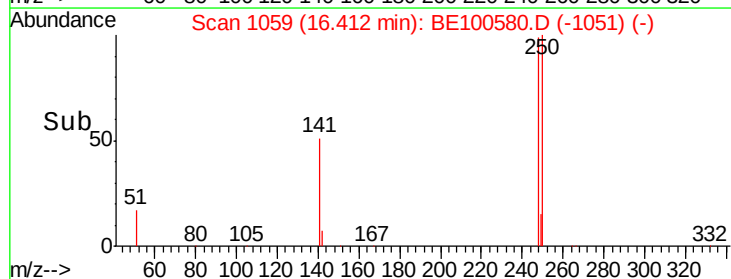
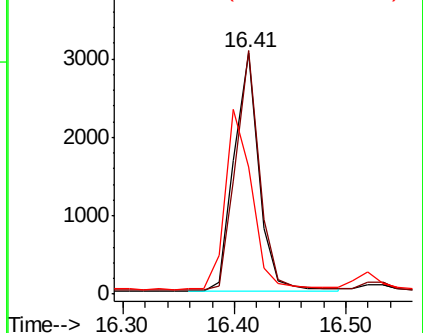
141 52.6 47.7 71.5

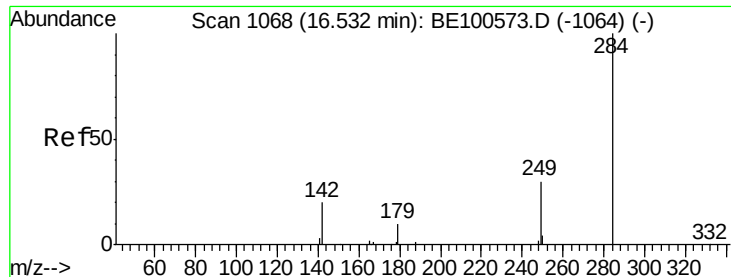


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.405 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

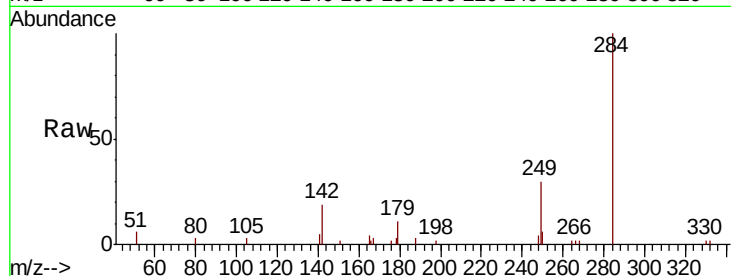
Tot Ion:284 Resp: 4064

Ion Ratio Lower Upper

284 100

142 45.3 37.0 55.4

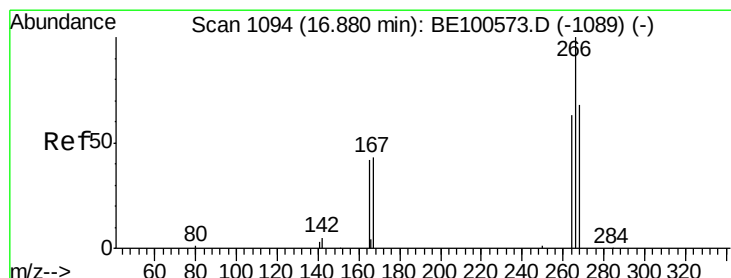
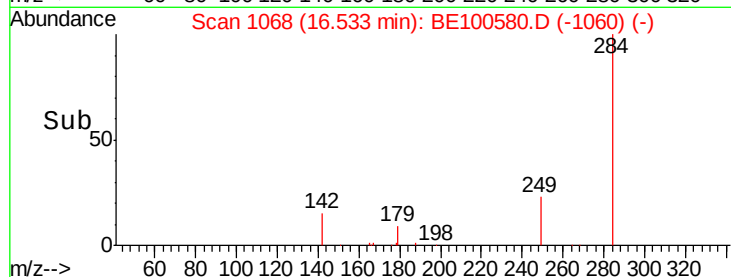
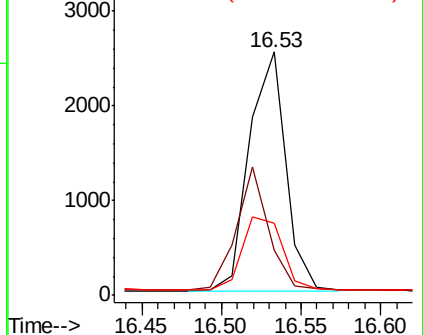
249 33.4 27.0 40.4



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: 0.437 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

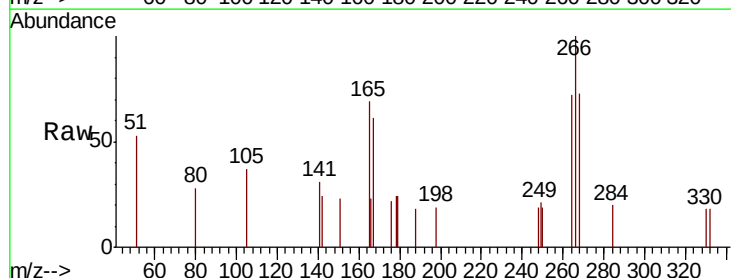
Tgt Ion:266 Resp: 888

Ion Ratio Lower Upper

266 100

264 72.4 53.5 80.3

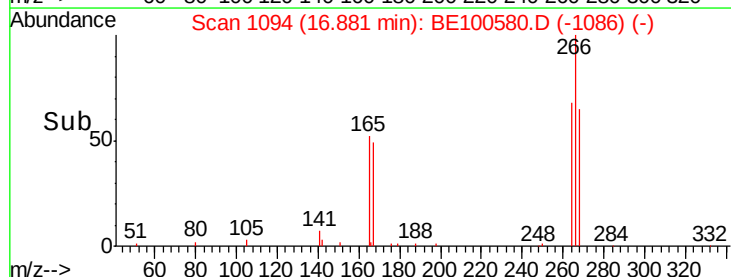
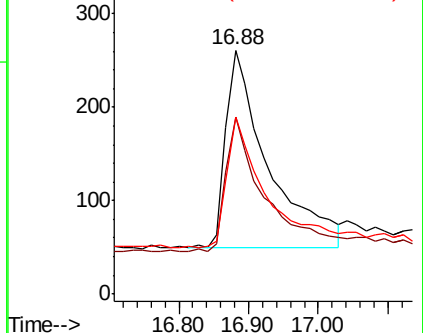
268 72.8 58.3 87.5

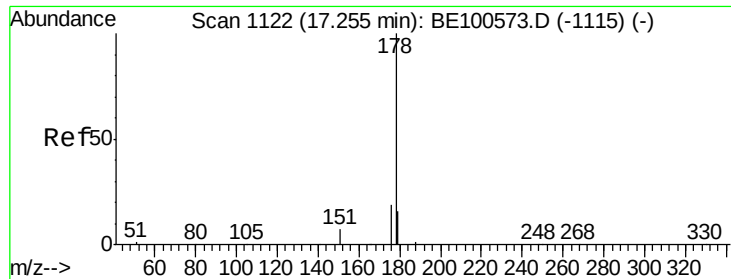


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.399 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

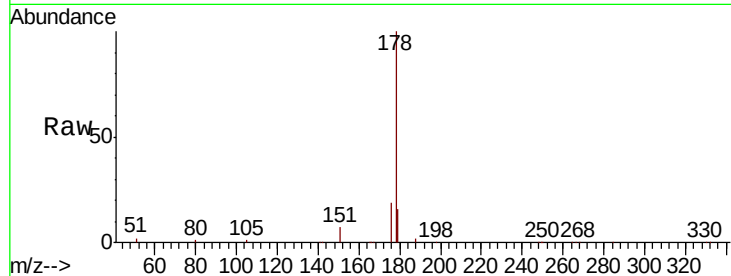
Tot Ion:178 Resp: 29454

Ion Ratio Lower Upper

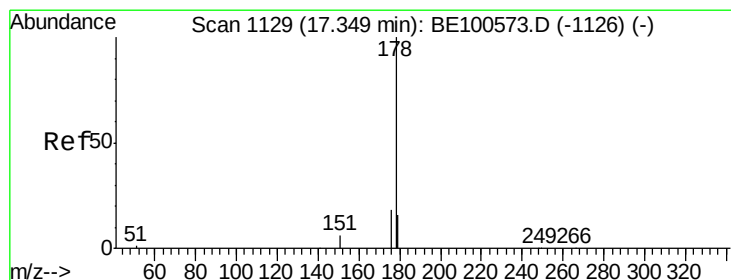
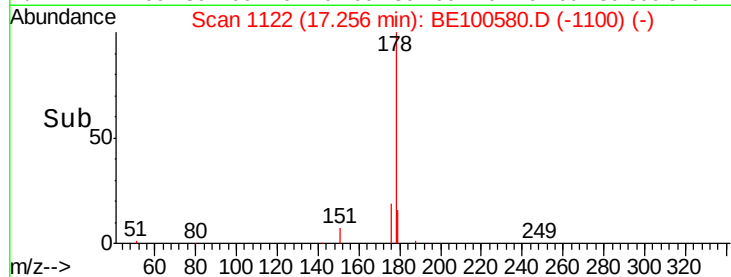
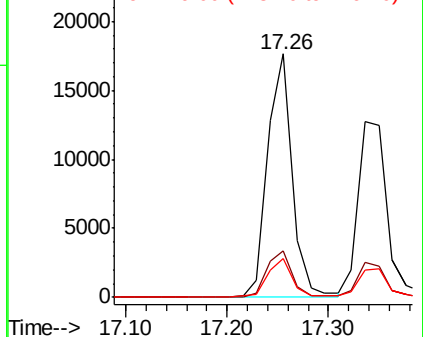
178 100

176 19.4 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: 0.366 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

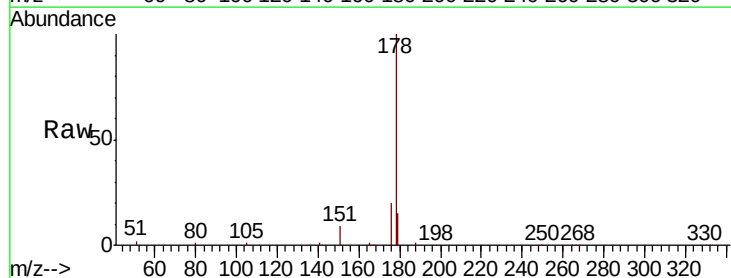
Tgt Ion:178 Resp: 24431

Ion Ratio Lower Upper

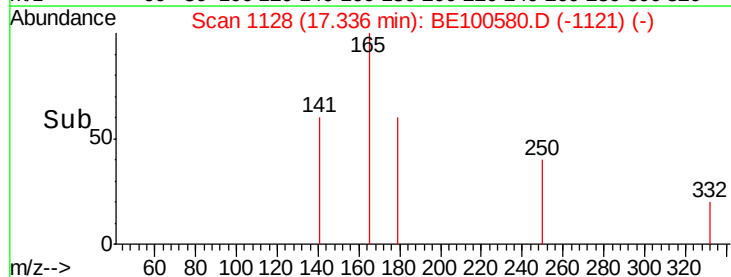
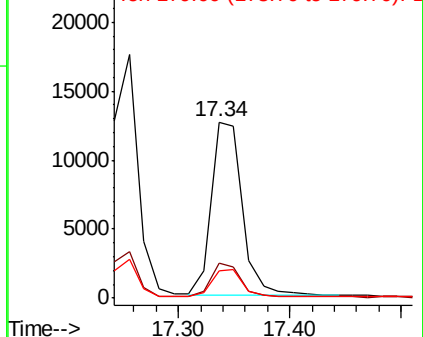
178 100

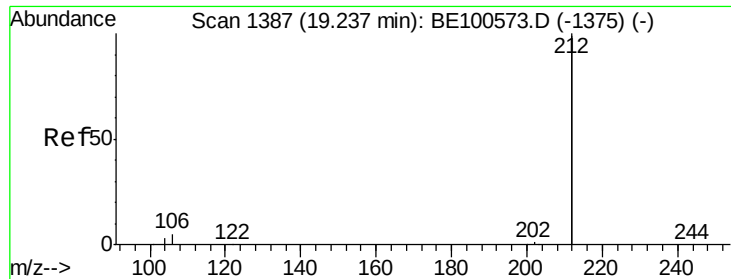
176 18.4 14.9 22.3

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: 0.376 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

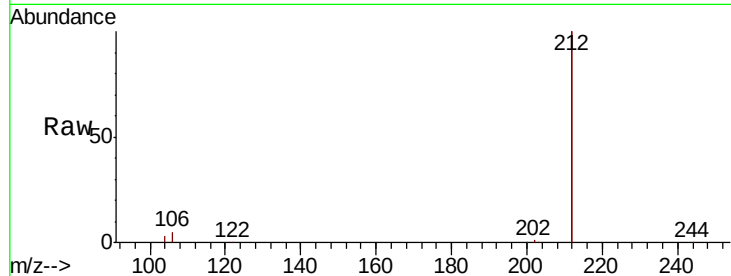
Tot Ion:212 Resp: 124993

Ion Ratio Lower Upper

212 100

106 3.1 2.5 3.7

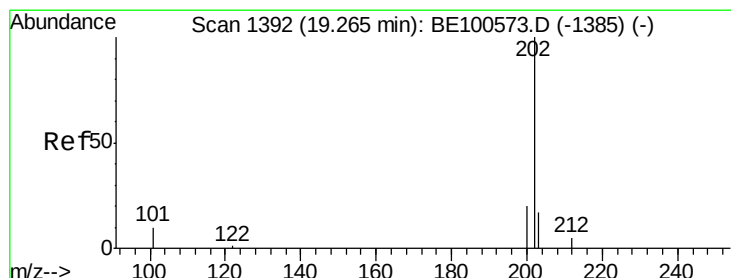
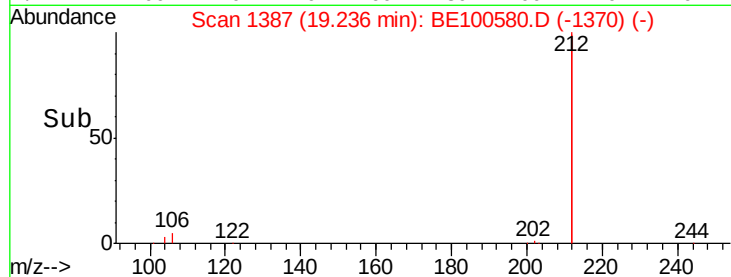
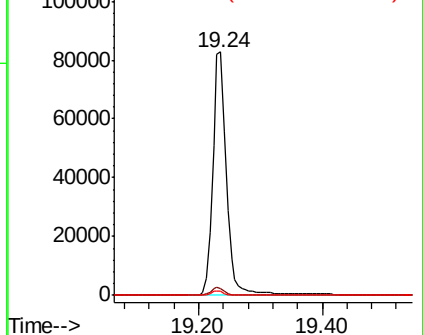
104 1.8 1.4 2.0



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: 0.396 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

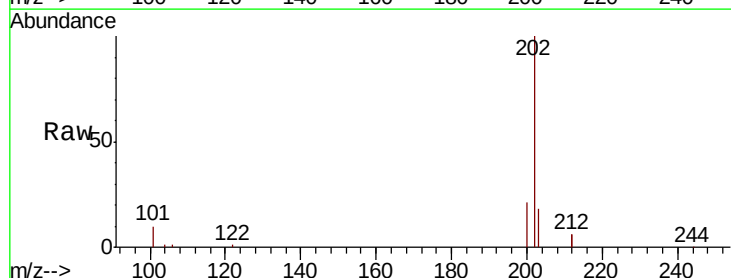
Tgt Ion:202 Resp: 36709

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

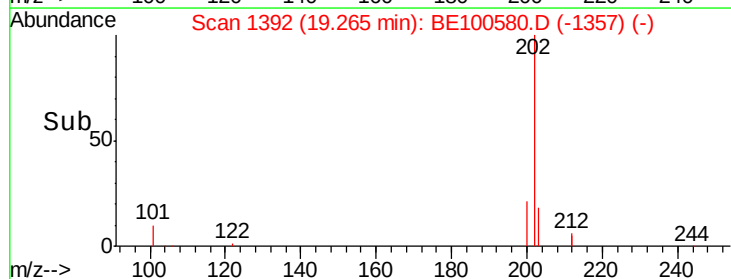
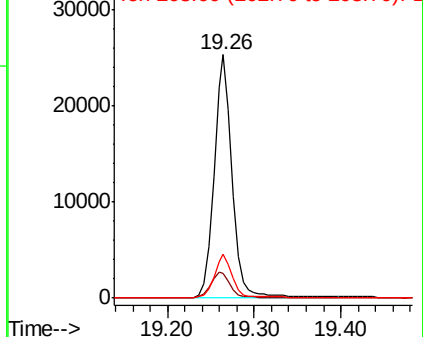
203 17.3 13.6 20.4

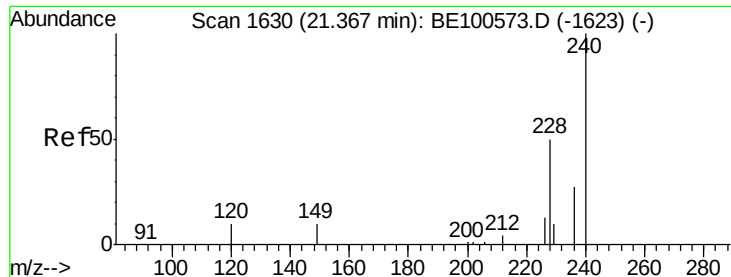


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

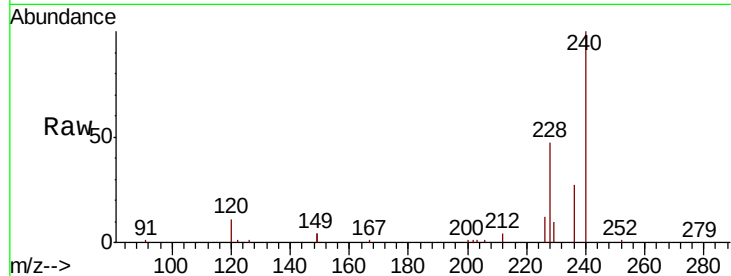




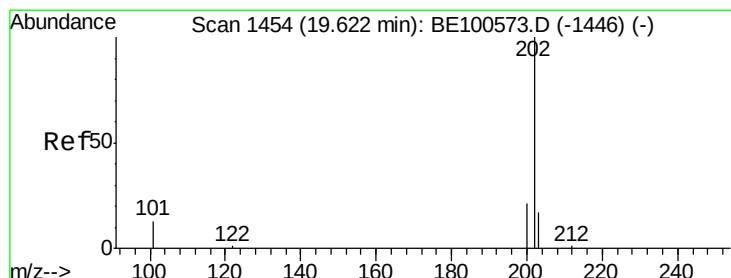
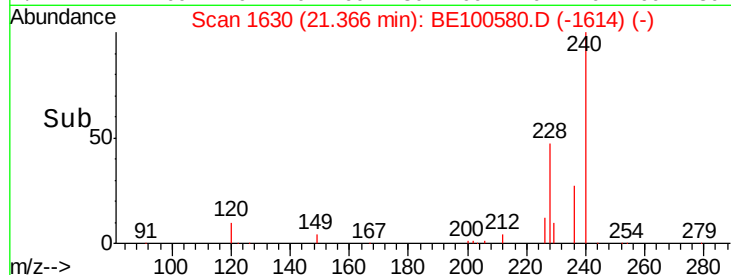
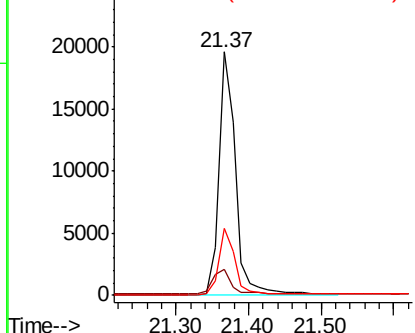
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE100580.D
 Acq: 30 Sep 2019 10:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 31165
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.7 13.1
 236 27.5 21.8 32.8

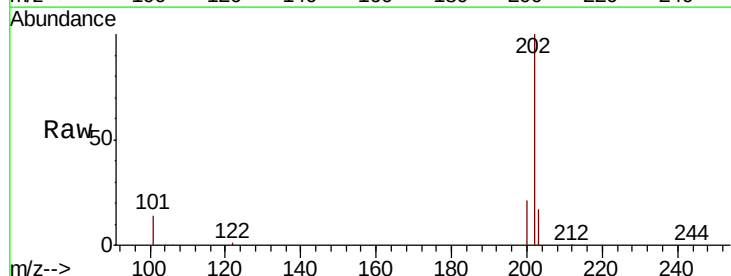


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

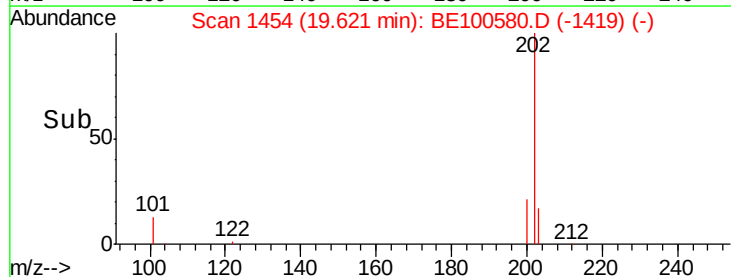
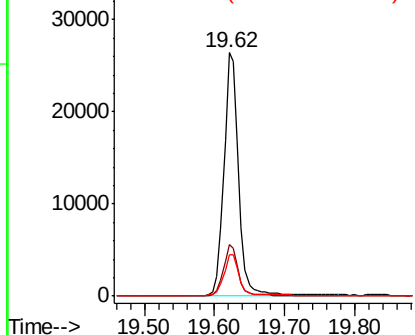


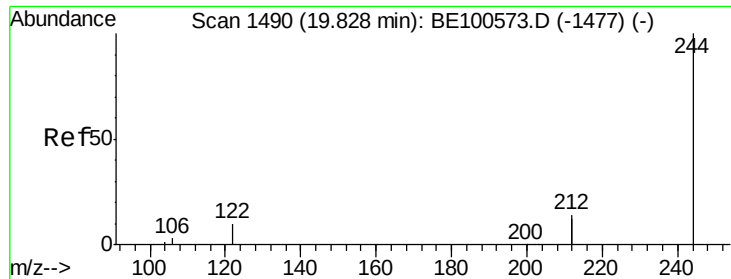
#28
 Pyrene
 Concen: 0.403 ng
 RT: 19.62 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BE100580.D
 Acq: 30 Sep 2019 10:36

Tgt Ion:202 Resp: 38006
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 25.0
 203 17.7 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampled :

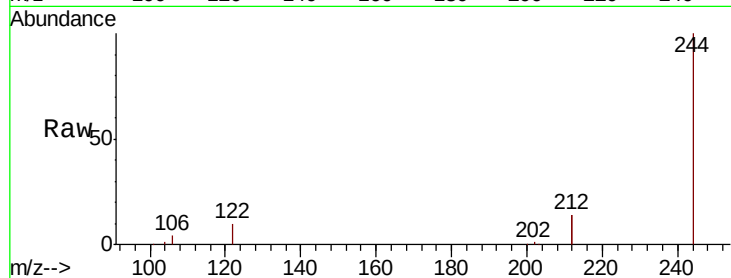
Tot Ion:244 Resp: 29642

Ion Ratio Lower Upper

244 100

212 27.6 21.8 32.8

122 10.3 8.2 12.4

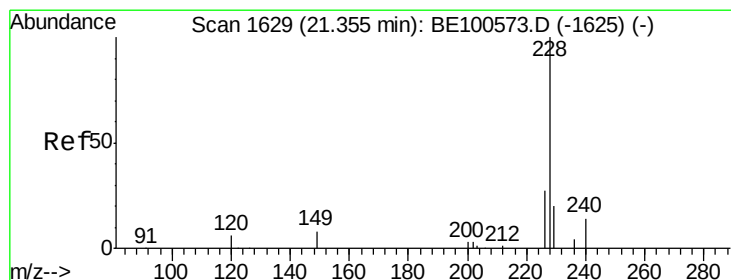
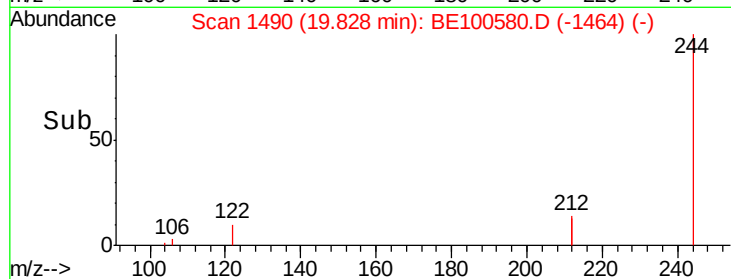
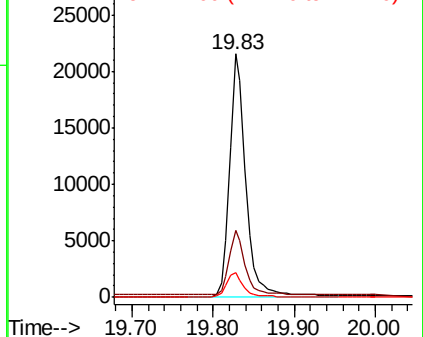


Abundance

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: 0.381 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

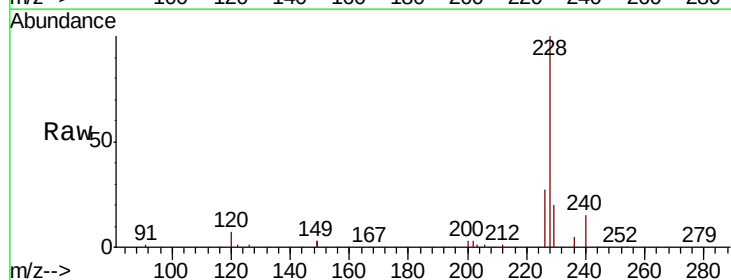
Tgt Ion:228 Resp: 35013

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.8 16.1 24.1

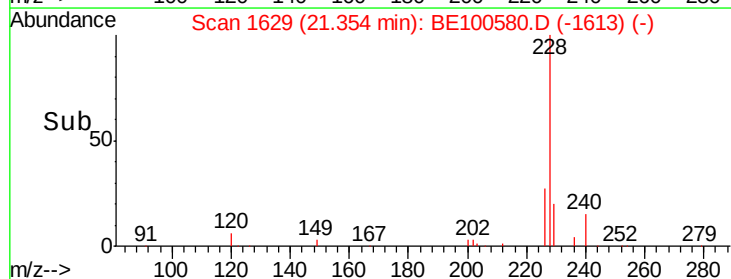
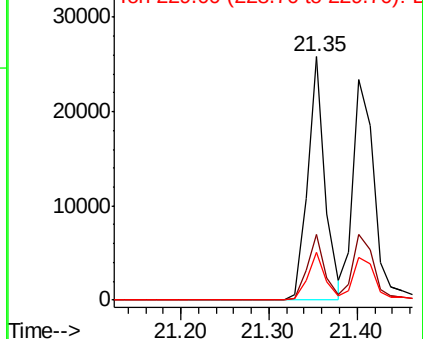


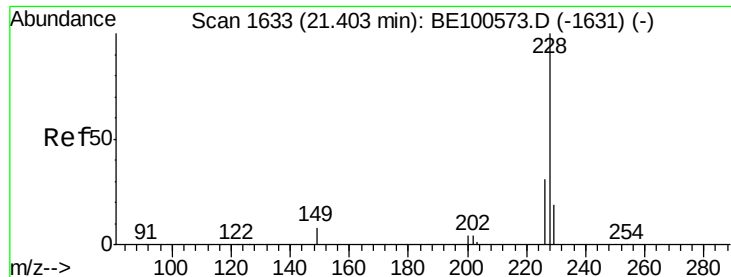
Abundance

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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

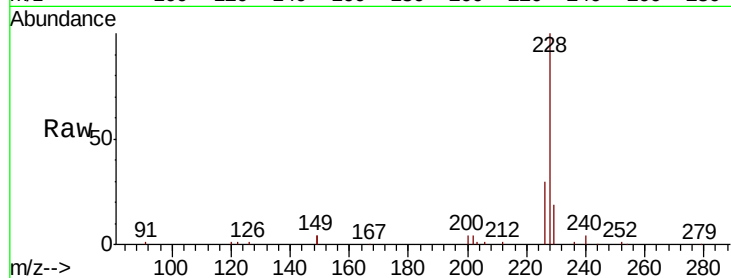
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 37504

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.4	15.6	23.4

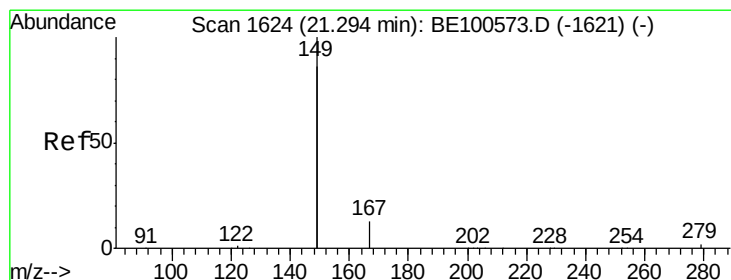
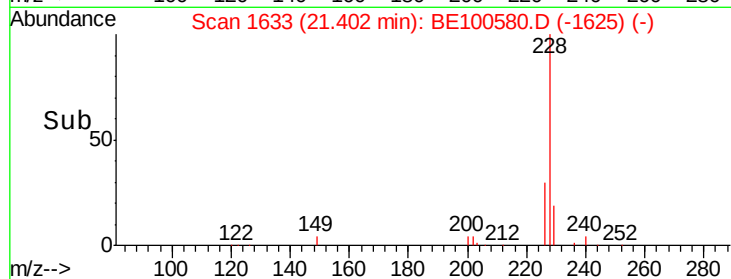
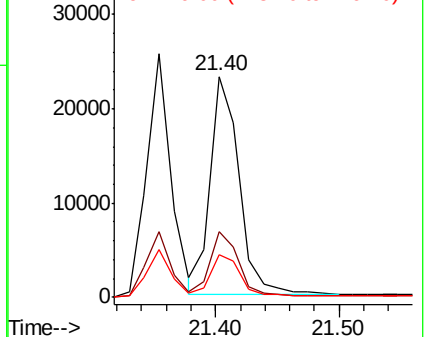


Abundance

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: 0.281 ng

RT: 21.29 min Scan# 1624

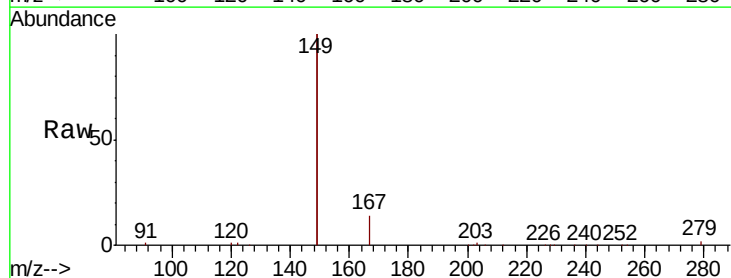
Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Tgt Ion:149 Resp: 68439

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.0	7.6
279	1.1	0.8	1.2

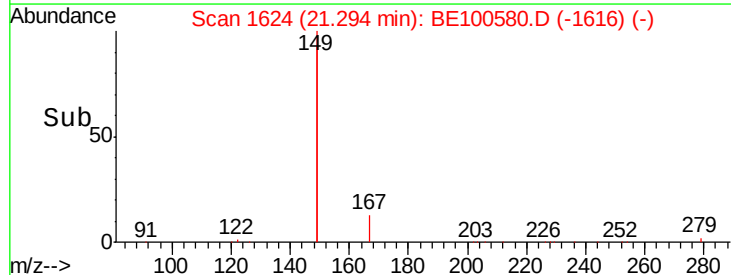
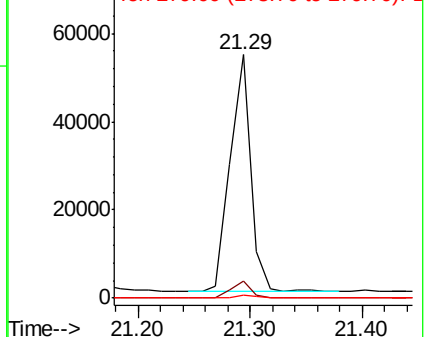


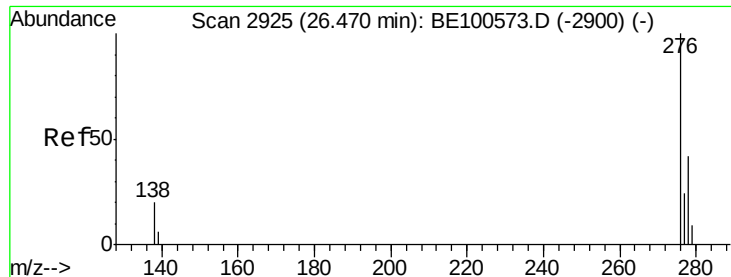
Abundance

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

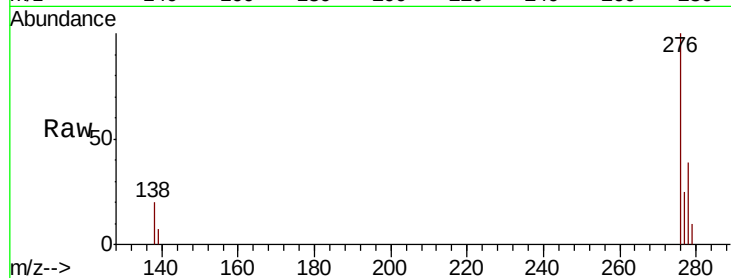




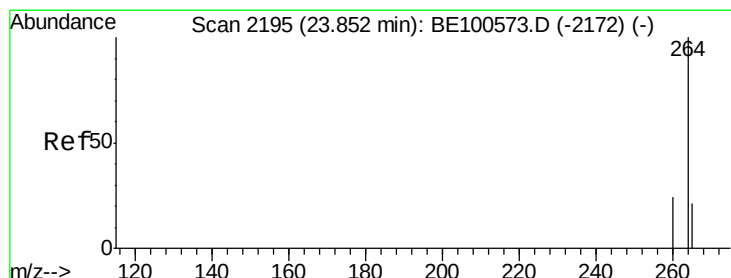
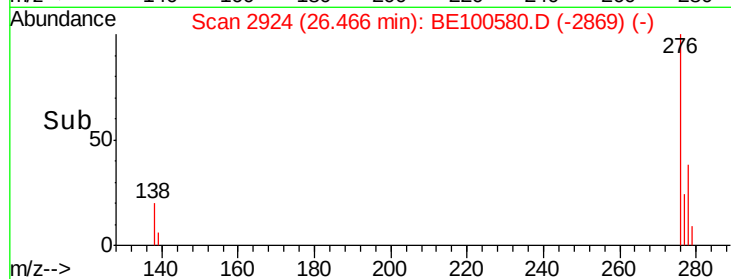
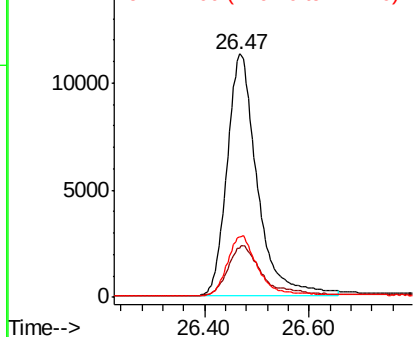
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.393 ng
 RT: 26.47 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BE100580.D
 Acq: 30 Sep 2019 10:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 45389
 Ion Ratio Lower Upper
 276 100
 138 22.9 18.6 27.8
 277 24.7 19.4 29.2

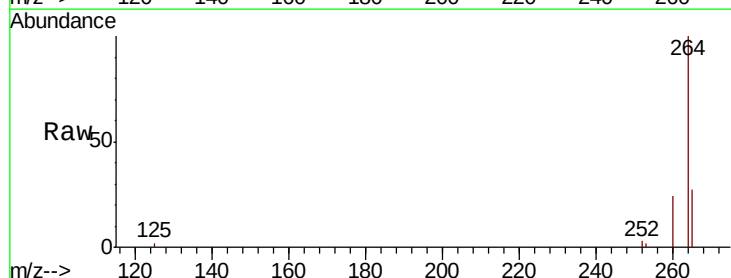


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

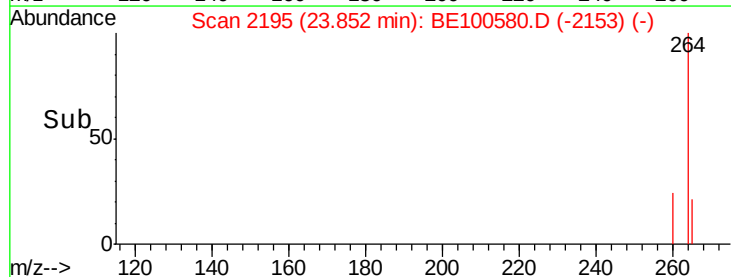
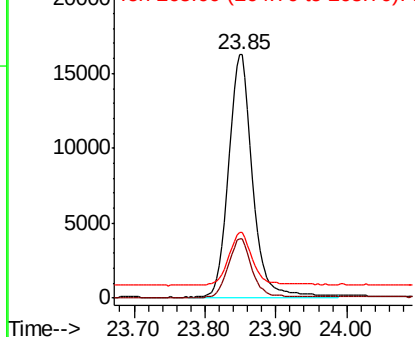


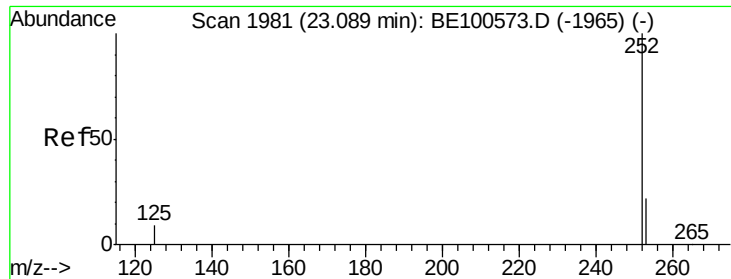
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BE100580.D
 Acq: 30 Sep 2019 10:36

Tgt Ion:264 Resp: 37513
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.7 29.5
 265 26.7 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: 0.376 ng

RT: 23.09 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

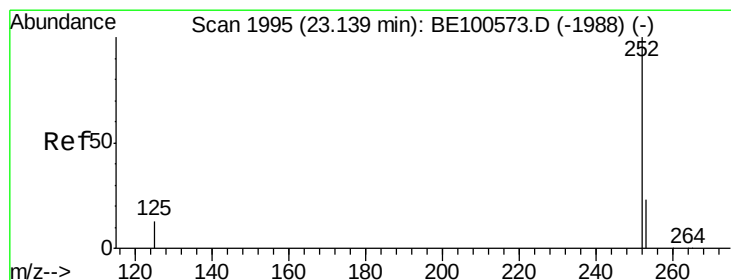
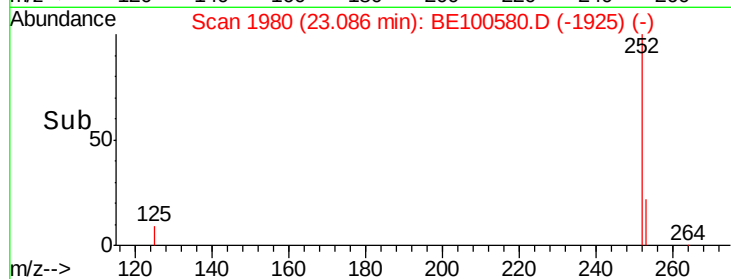
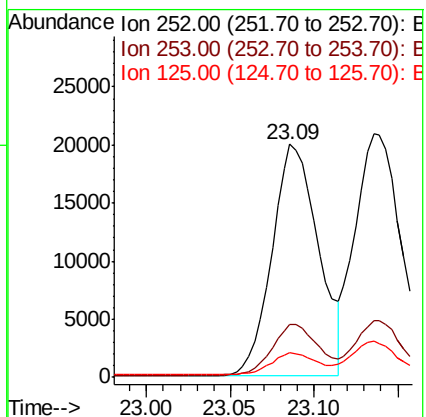
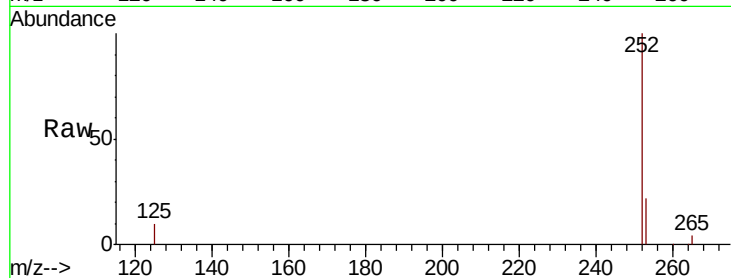
Tot Ion:252 Resp: 38591

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 10.4 8.7 13.1



#36

Benzo(k)fluoranthene

Concen: 0.373 ng

RT: 23.14 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

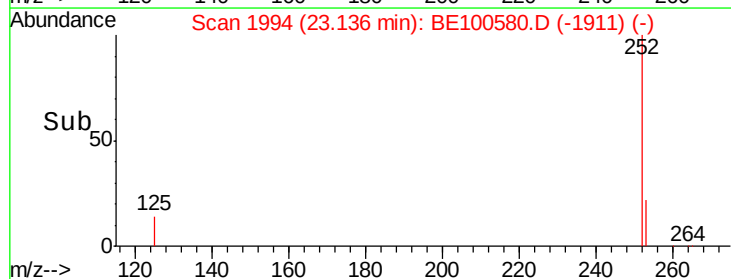
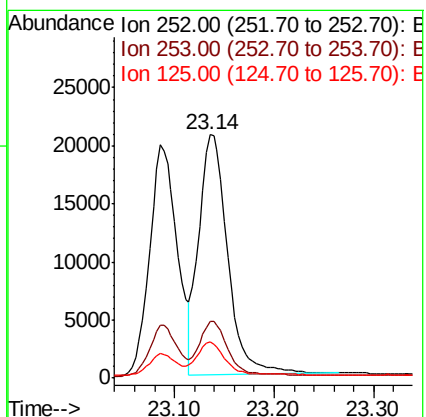
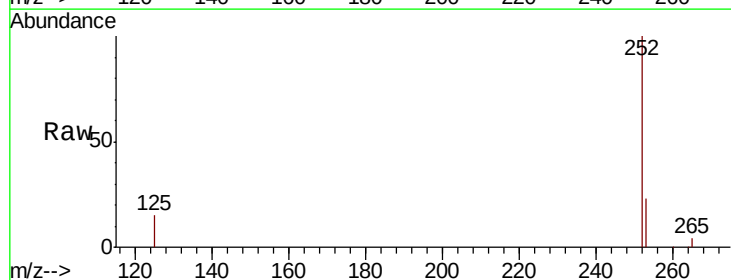
Tgt Ion:252 Resp: 41759

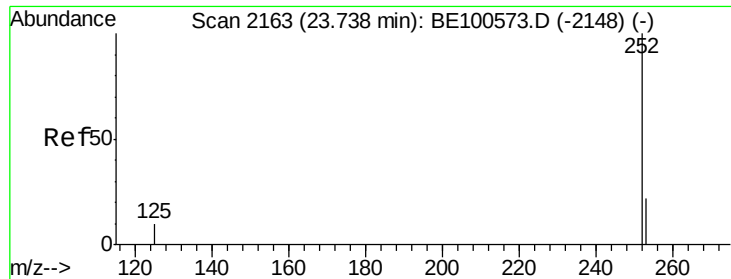
Ion Ratio Lower Upper

252 100

253 23.2 18.6 28.0

125 14.7 11.4 17.2





#37

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.73 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

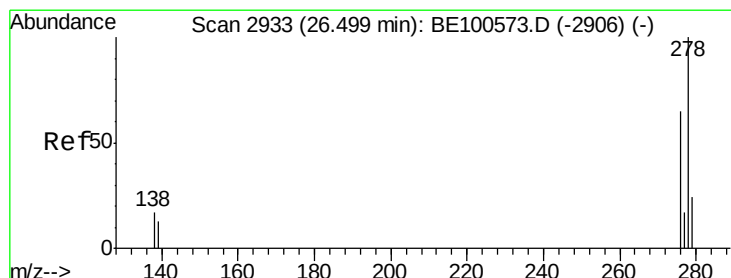
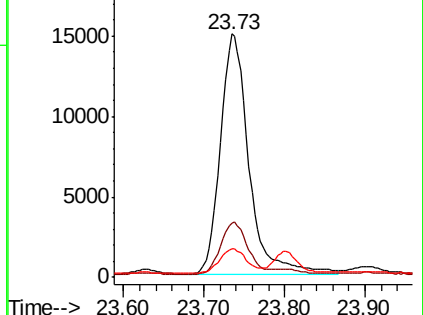
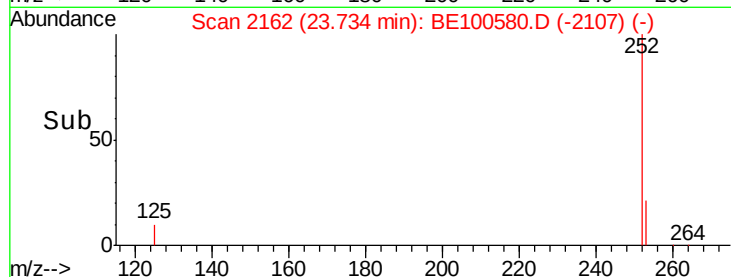
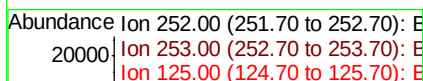
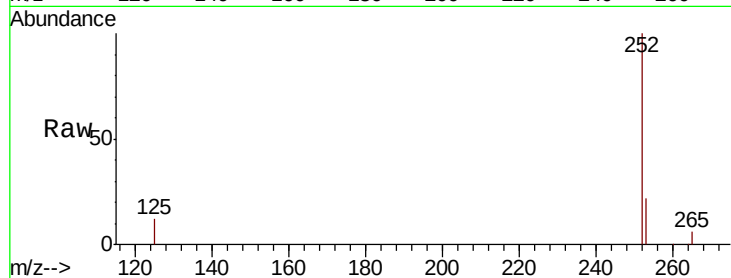
Tot Ion:252 Resp: 36635

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 11.7 9.8 14.6



#38

Dibenzo(a,h)anthracene

Concen: 0.373 ng

RT: 26.49 min Scan# 2931

Delta R.T. -0.01 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

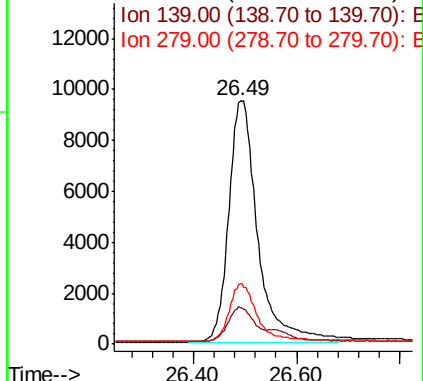
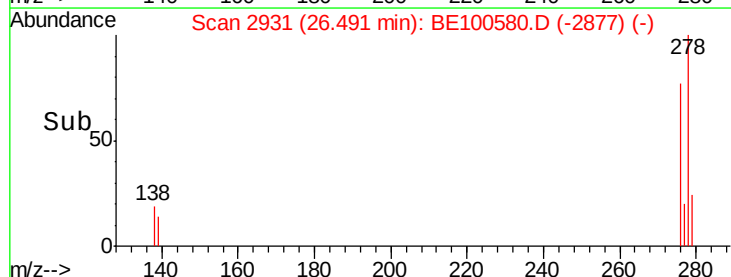
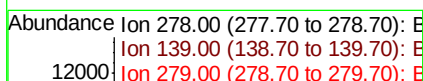
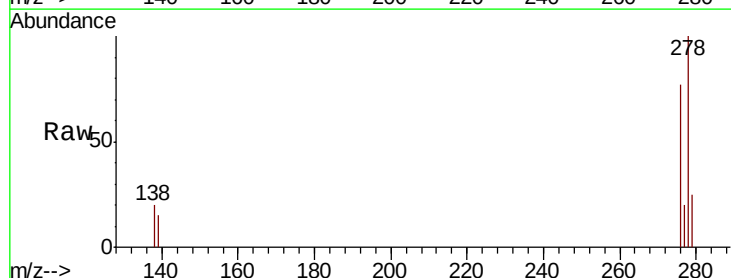
Tgt Ion:278 Resp: 37265

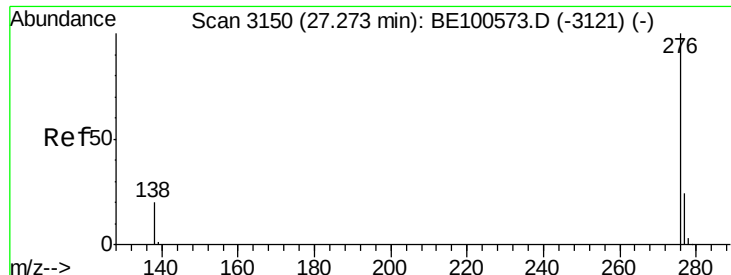
Ion Ratio Lower Upper

278 100

139 15.1 11.7 17.5

279 24.9 19.9 29.9





#39

Benzo(a,h,i)perylene

Concen: 0.374 ng

RT: 27.28 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BE100580.D

Acq: 30 Sep 2019 10:36

Instrument :

BNA_F

ClientSampleId :

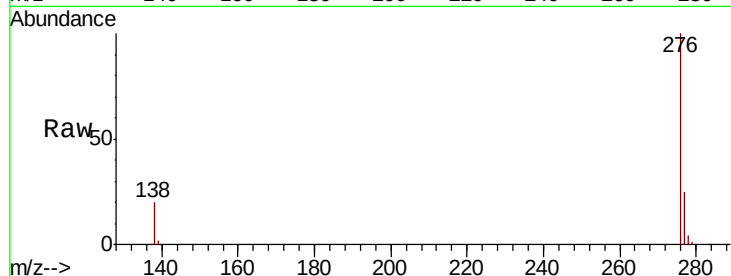
Tot Ion: 276 Resp: 38169

Ion Ratio Lower Upper

276 100

277 24.7 19.7 29.5

138 20.1 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

