

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 :

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

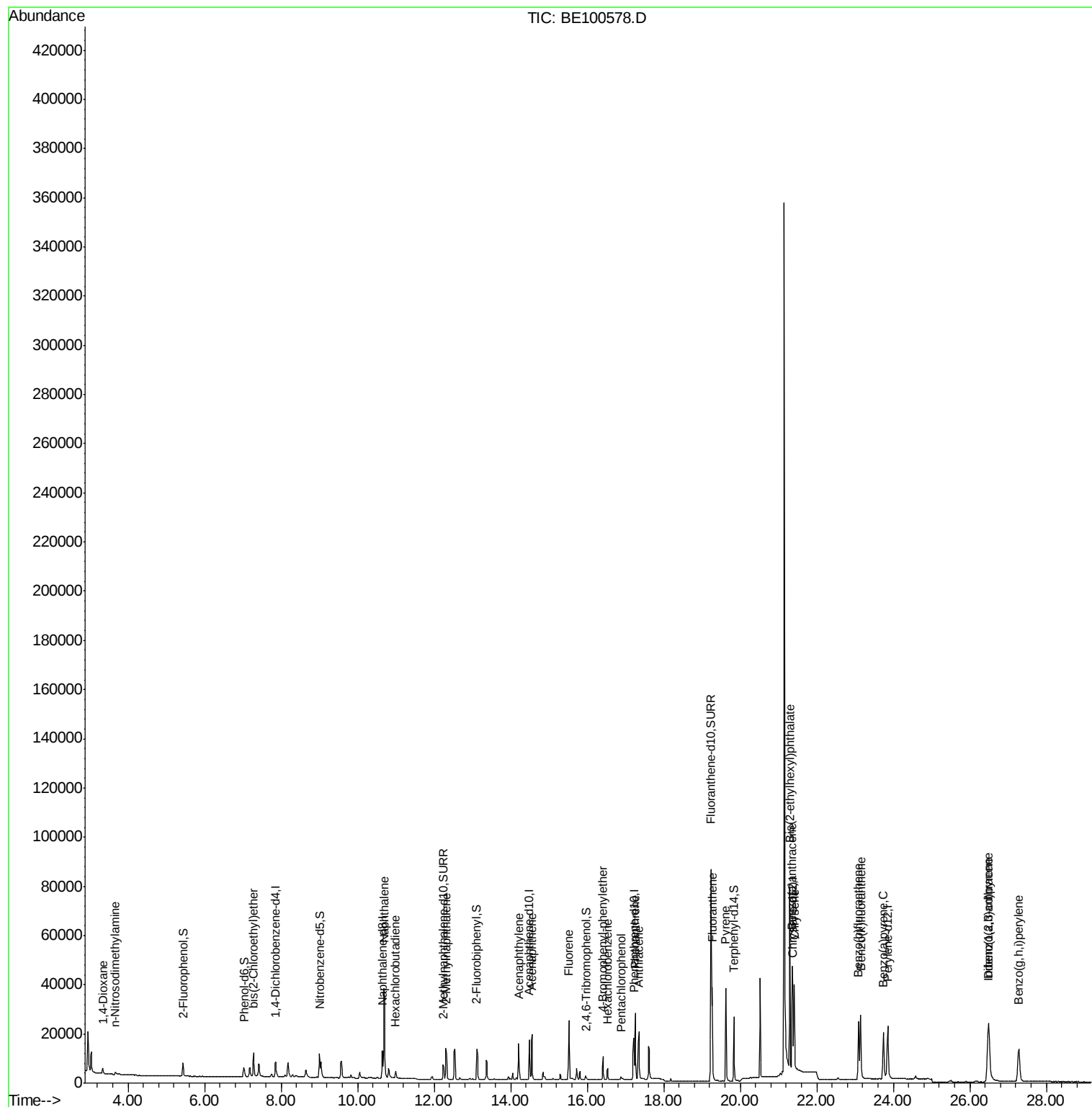
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	2192	0.376	ng	97
3) n-Nitrosodimethylamine	3.66	42	1118	0.361	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	4235	0.379	ng	99
9) Naphthalene	10.69	128	65647	0.390	ng	100
10) Hexachlorobutadiene	10.99	225	1992	0.388	ng	98
12) 2-Methylnaphthalene	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

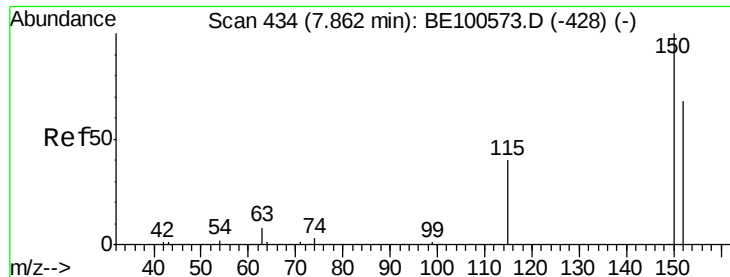
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

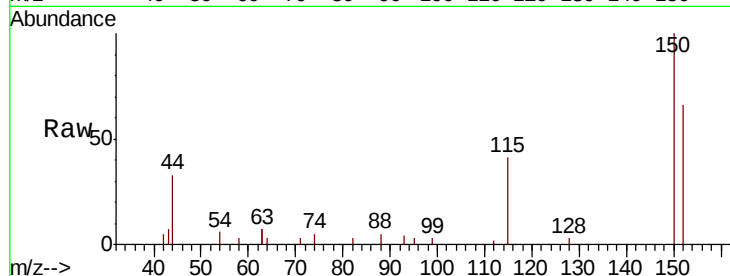
Tot Ion:152 Resp: 3229

Ion Ratio Lower Upper

152 100

150 152.2 116.9 175.3

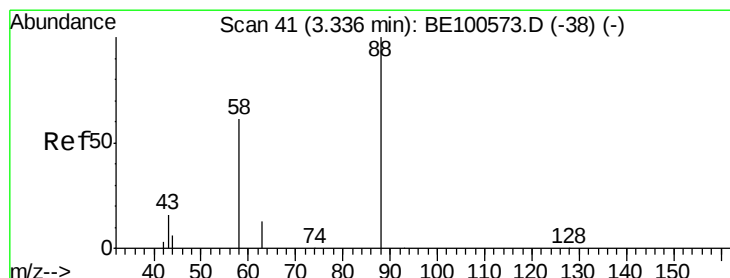
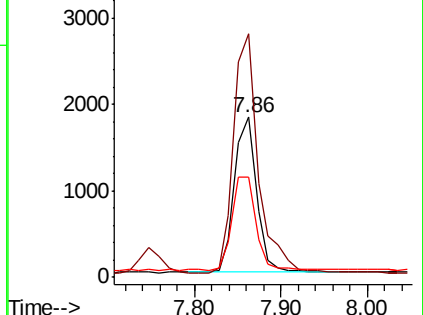
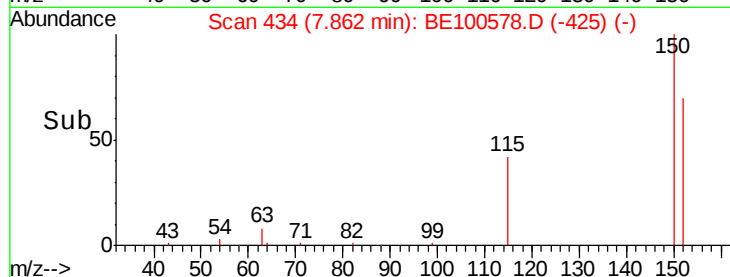
115 62.7 50.2 75.4



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

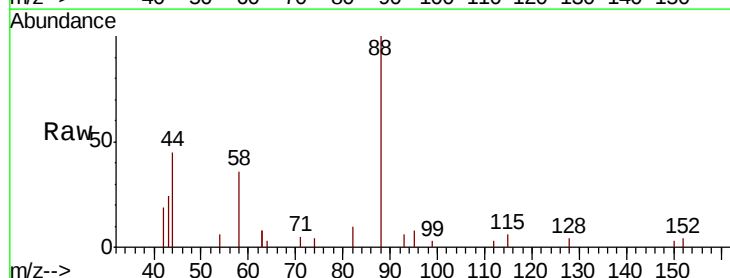
Tgt Ion: 88 Resp: 2192

Ion Ratio Lower Upper

88 100

58 60.3 46.4 69.6

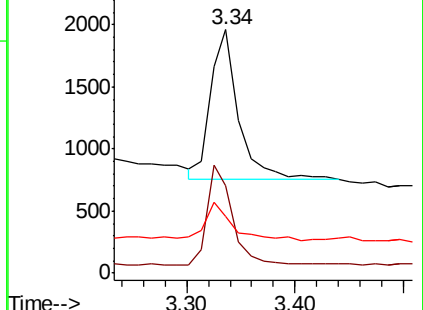
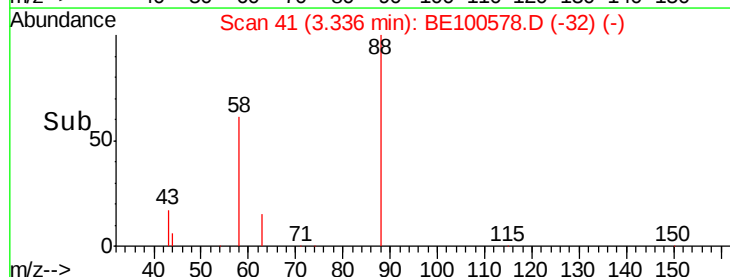
43 22.6 16.7 25.1

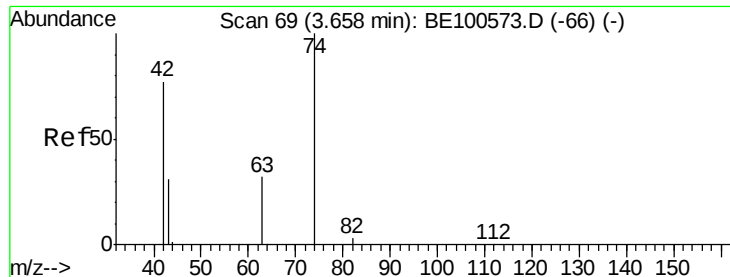


Abundance Ion 88.00 (87.70 to 88.70): BE1

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 :

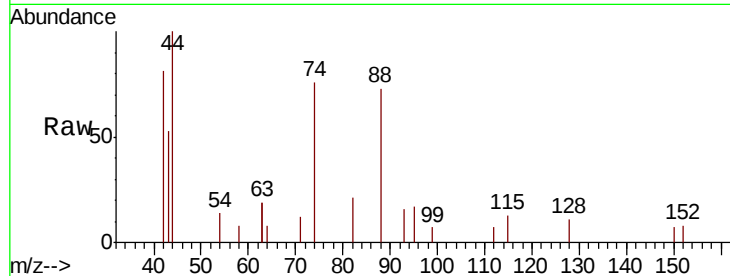
Tot Ion: 42 Resp: 1118

Ion Ratio Lower Upper

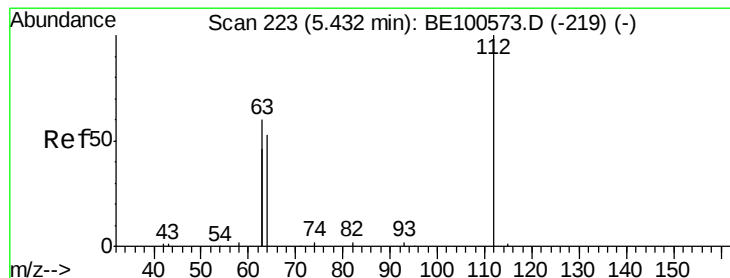
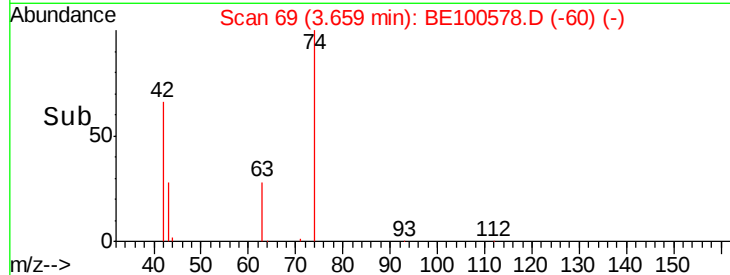
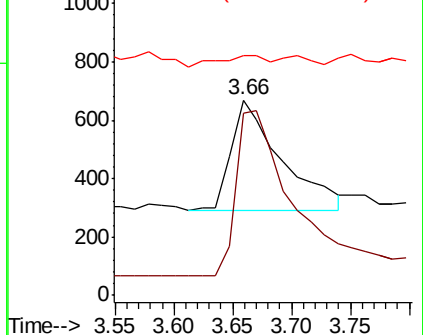
42 100

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

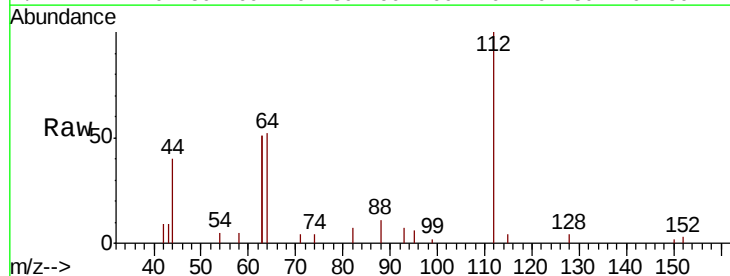
Tgt Ion: 112 Resp: 3537

Ion Ratio Lower Upper

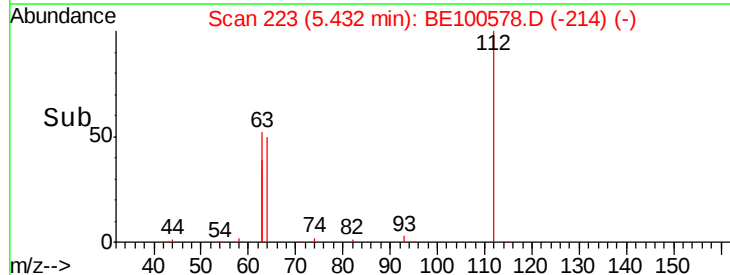
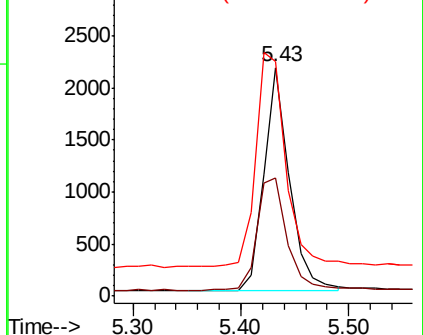
112 100

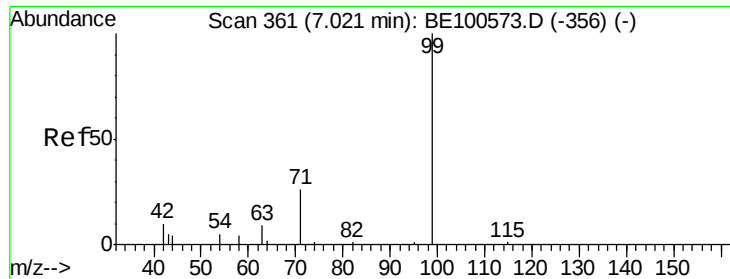
64 58.4 44.9 67.3

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 :

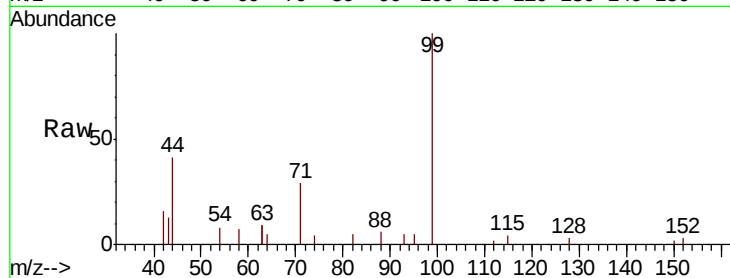
Tot Ion: 99 Resp: 4746

Ion Ratio Lower Upper

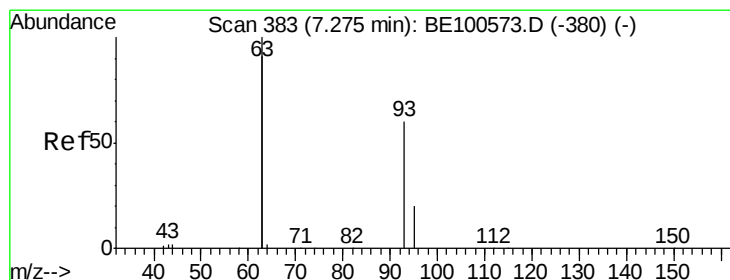
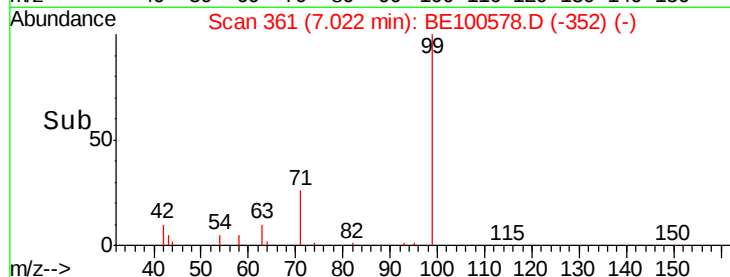
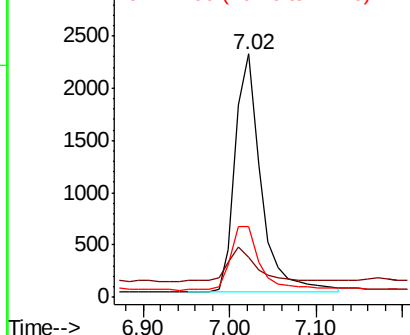
99 100

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

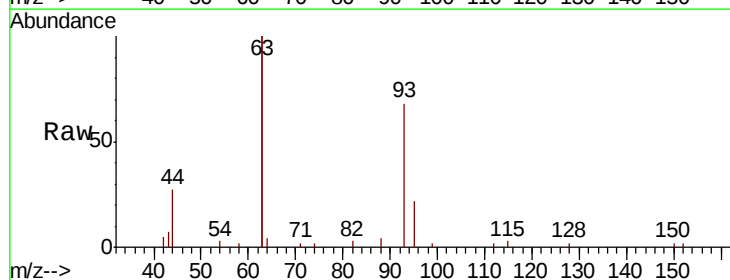
Tgt Ion: 93 Resp: 4235

Ion Ratio Lower Upper

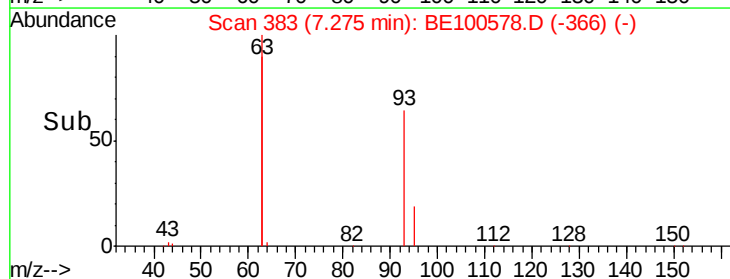
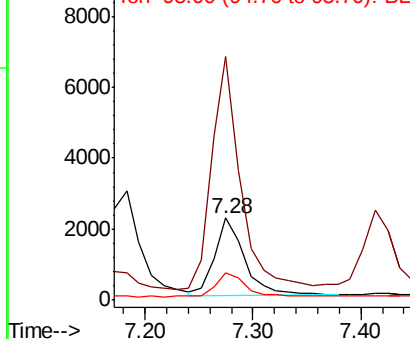
93 100

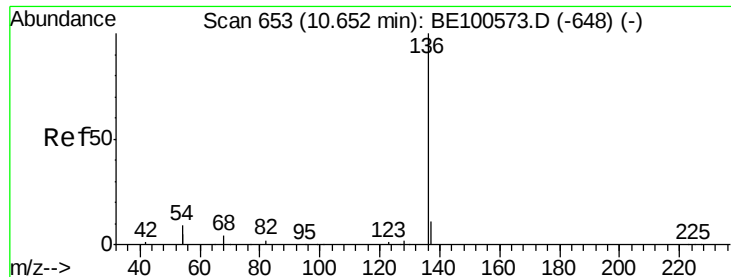
63 288.1 228.3 342.5

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 :

Tot Ion:136 Resp: 16210

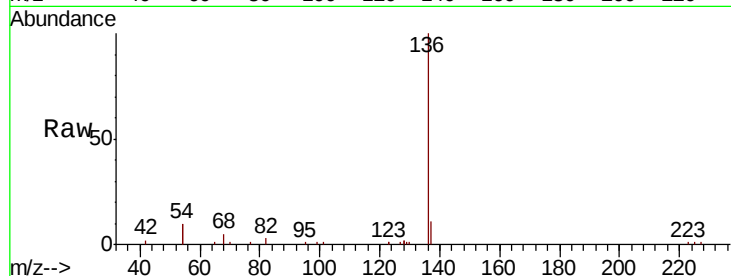
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 19.8 15.0 22.6

68 4.7 3.7 5.5

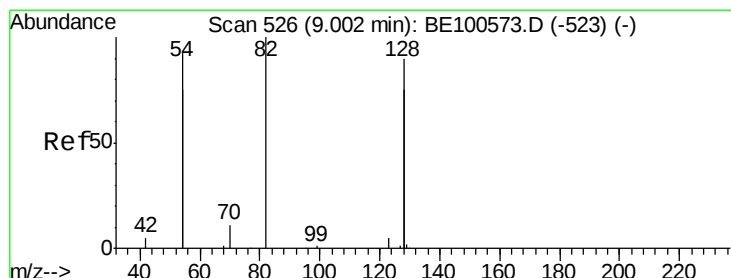
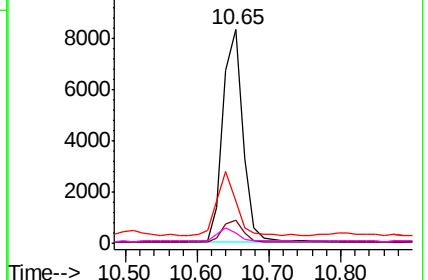
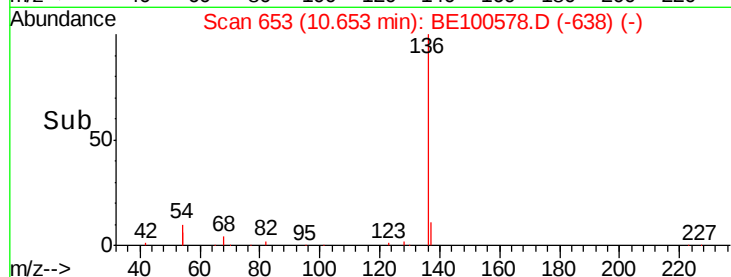


Abundance Ion 136.00 (135.70 to 136.70): E

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

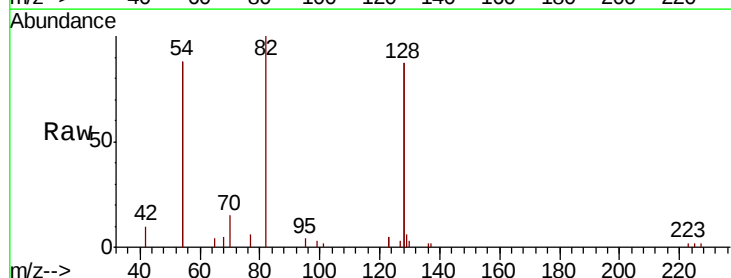
Tgt Ion: 82 Resp: 4265

Ion Ratio Lower Upper

82 100

128 174.3 137.9 206.9

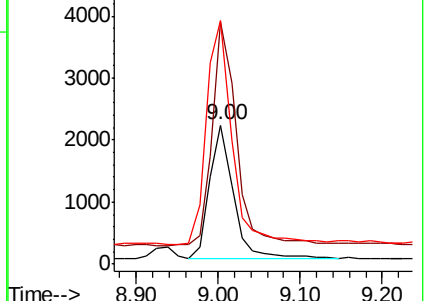
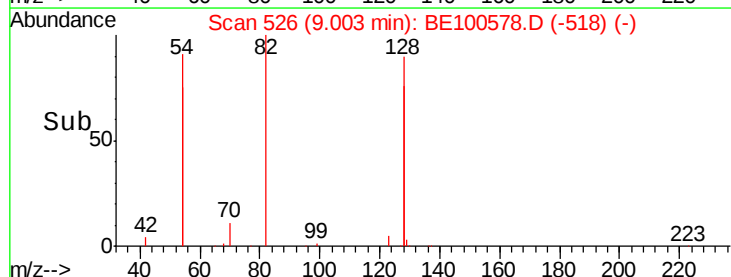
54 175.0 143.0 214.6

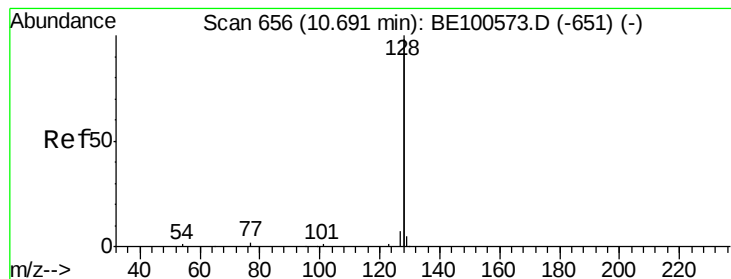


Abundance Ion 82.00 (81.70 to 82.70): BE1

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 :

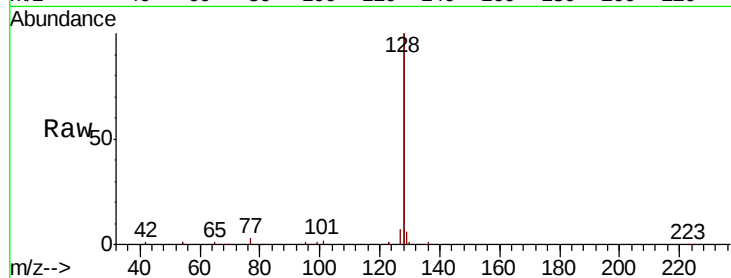
Tot Ion:128 Resp: 65647

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

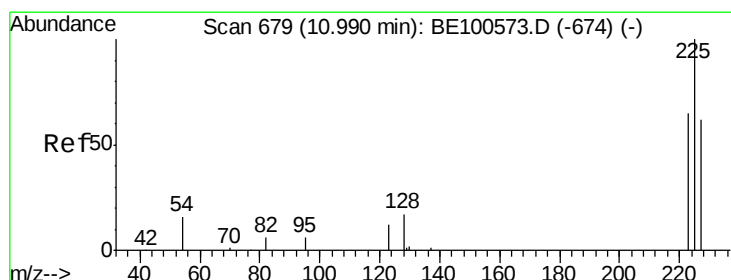
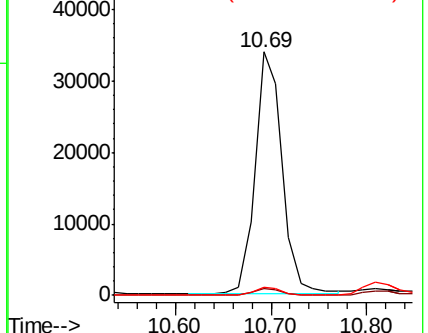
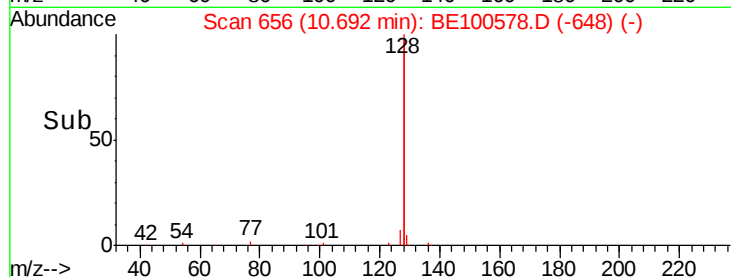
127 3.5 2.8 4.2



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

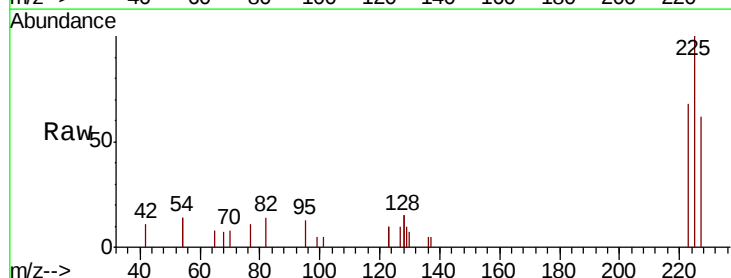
Tgt Ion:225 Resp: 1992

Ion Ratio Lower Upper

225 100

223 63.8 49.4 74.0

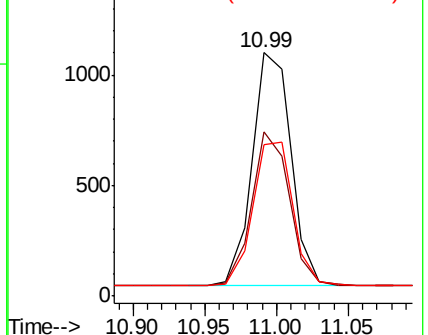
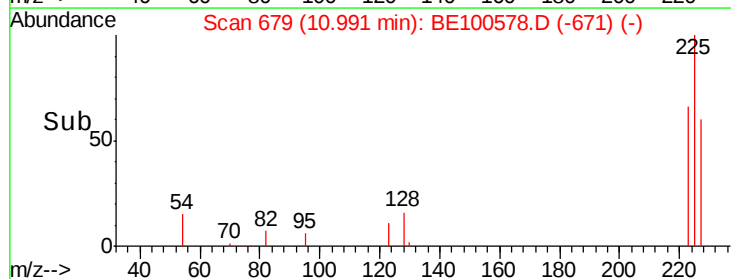
227 63.4 50.3 75.5

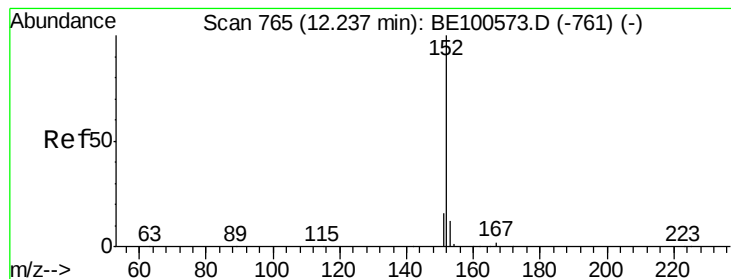


Abundance Ion 225.00 (224.70 to 225.70): E

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

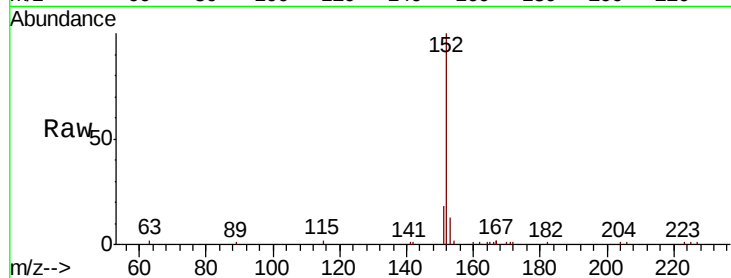
ClientSampled :

Tot Ion:152 Resp: 9634

Ion Ratio Lower Upper

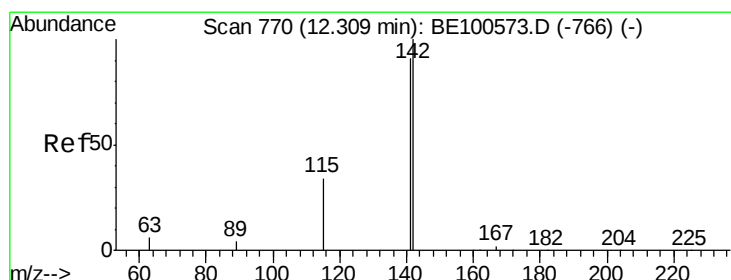
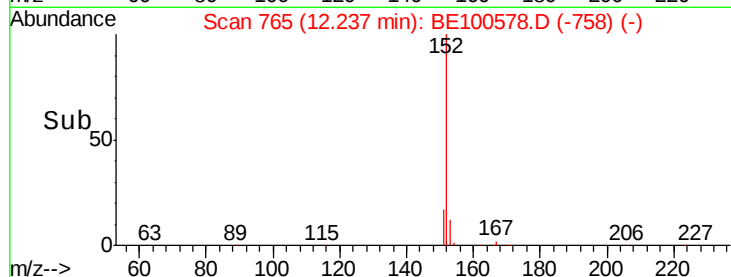
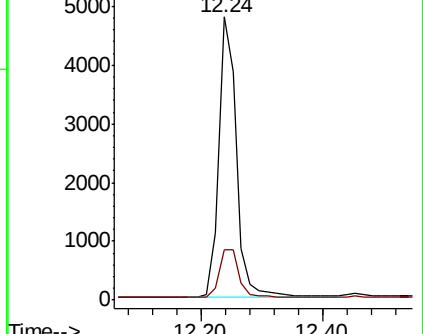
152 100

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

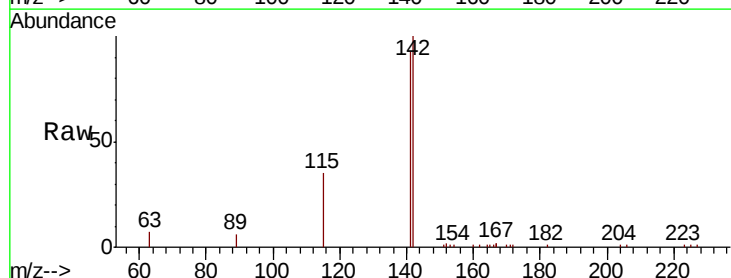
Tgt Ion:142 Resp: 10984

Ion Ratio Lower Upper

142 100

141 92.6 73.2 109.8

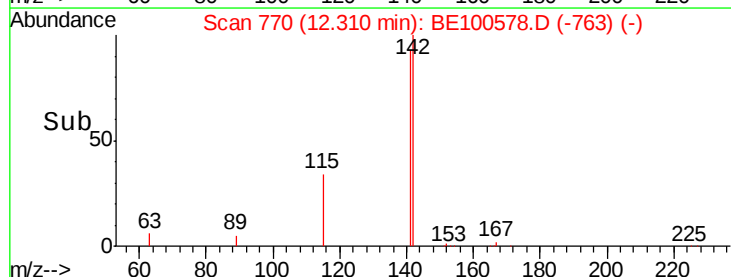
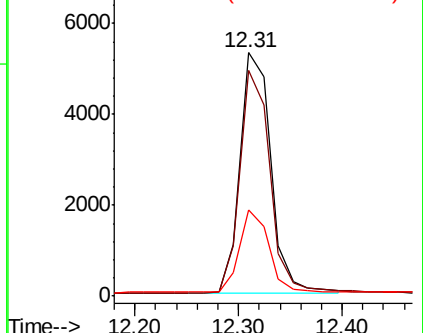
115 35.1 28.2 42.2

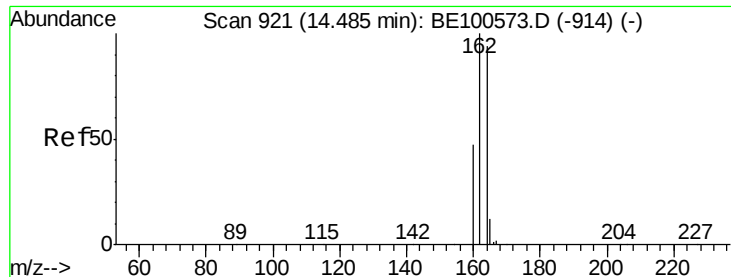


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

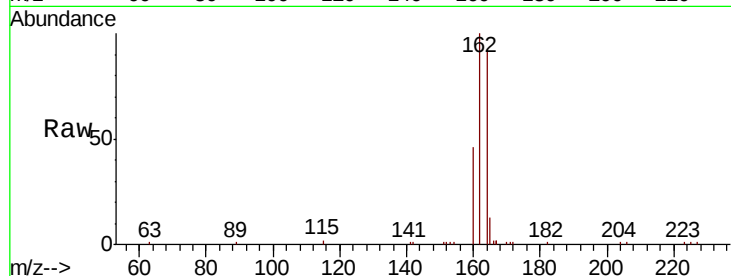




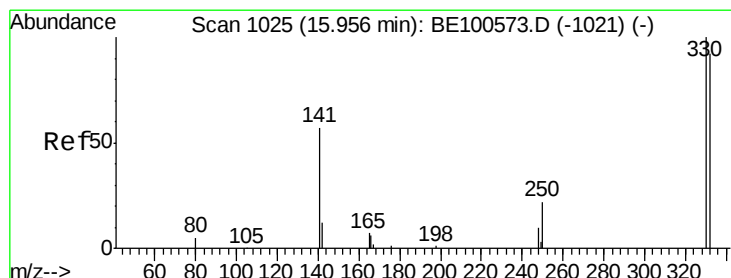
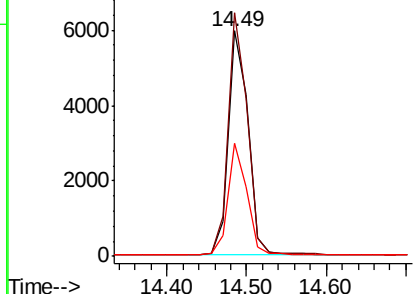
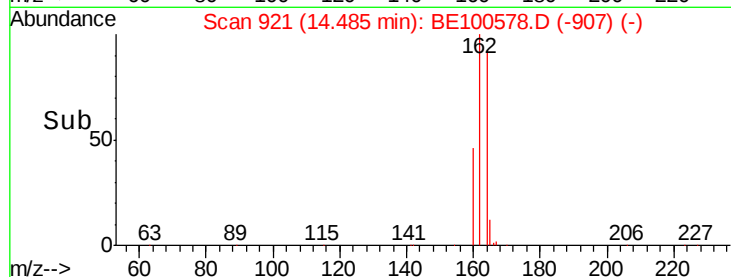
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100578.D
 Acq: 27 Sep 2019 18:34

Instrument :
 BNA_E
 ClientSampleId :

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

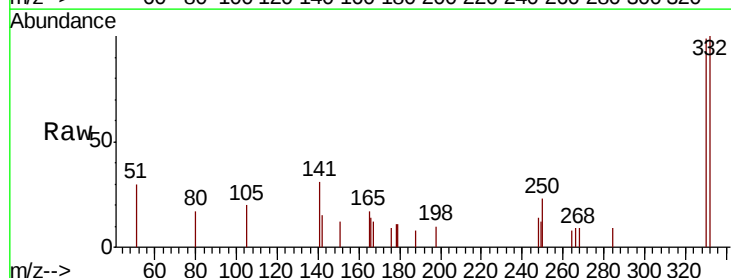


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

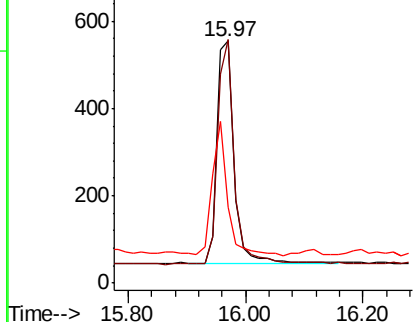
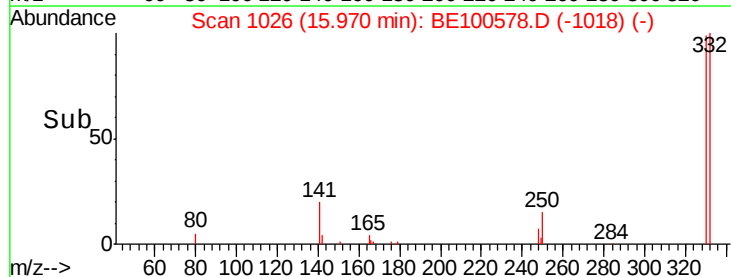


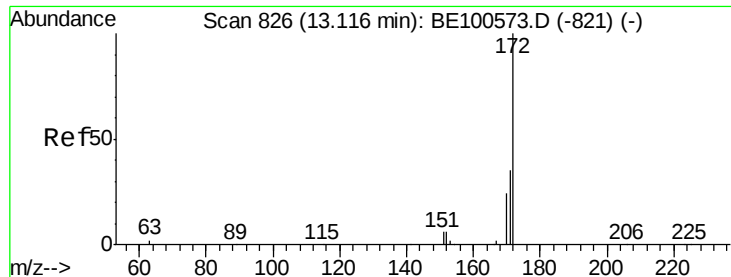
#14
 2,4,6-Tribromophenol
 Concen: 0.370 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BE100578.D
 Acq: 27 Sep 2019 18:34

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



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

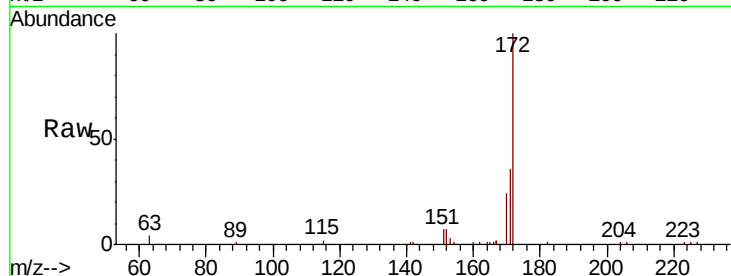




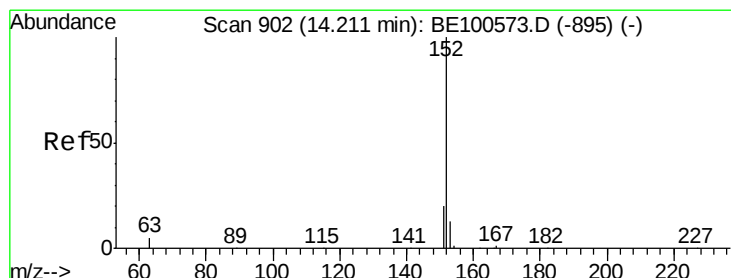
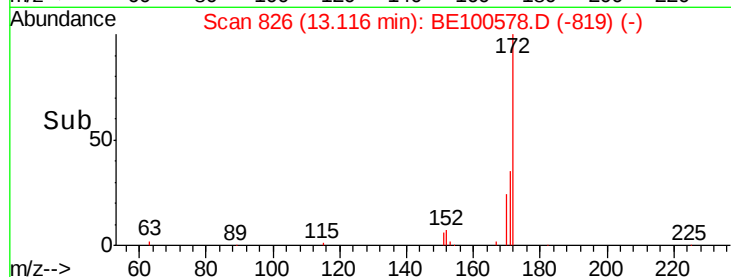
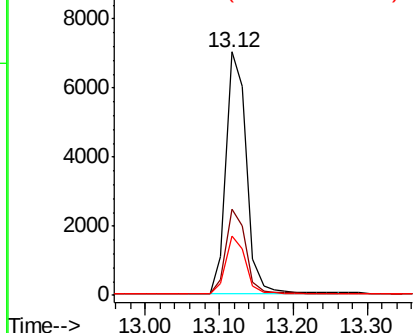
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

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

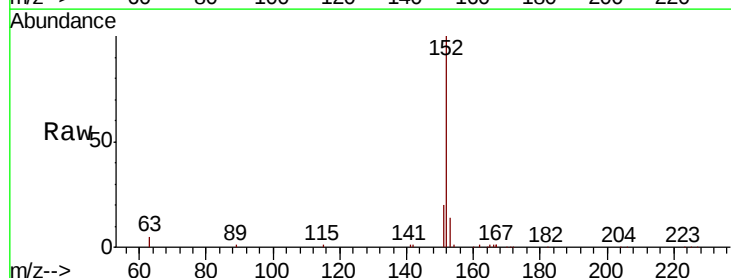


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

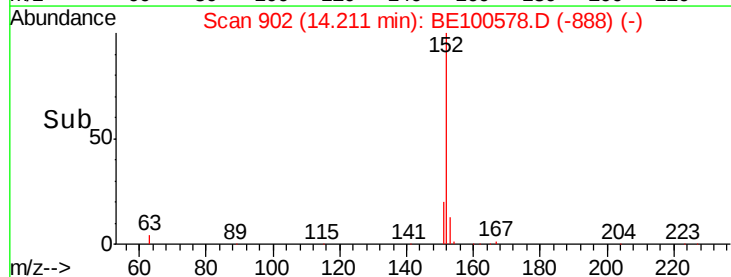
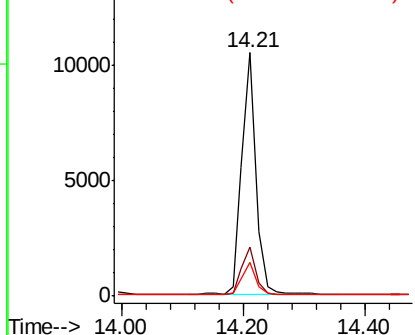


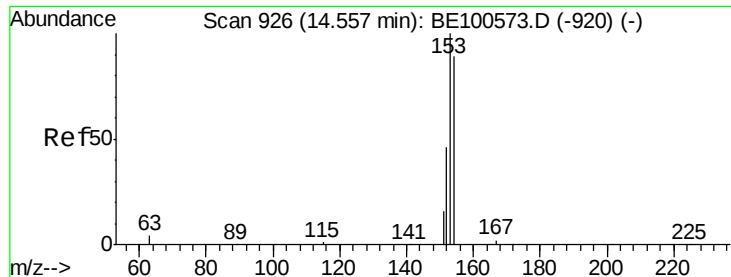
#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

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

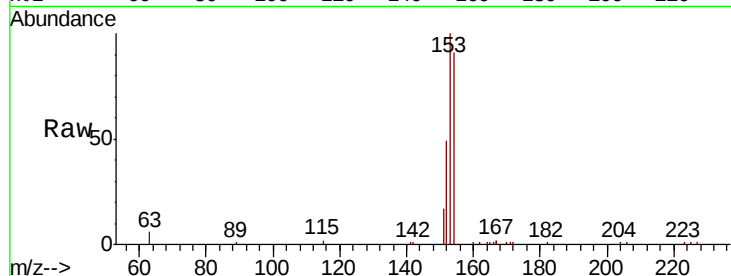




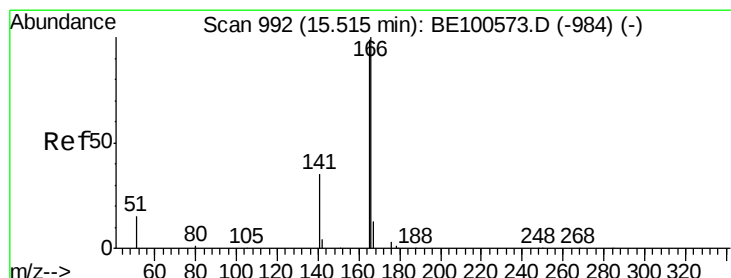
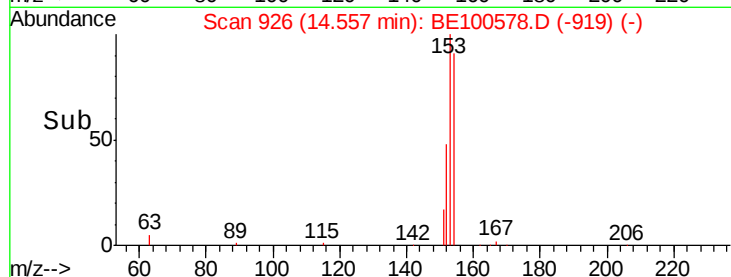
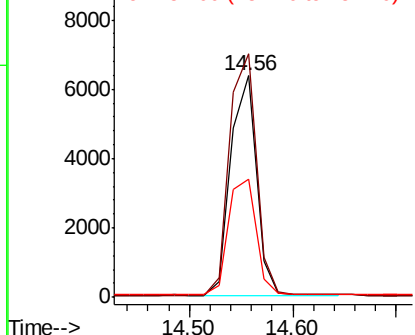
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

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

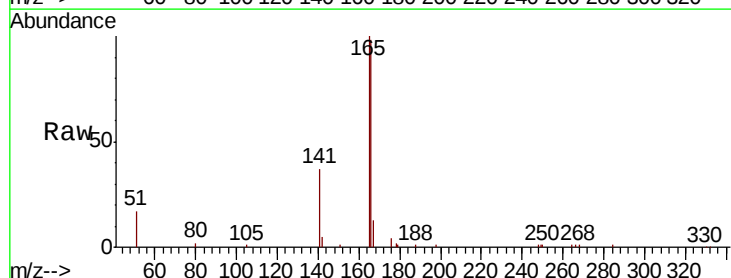


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

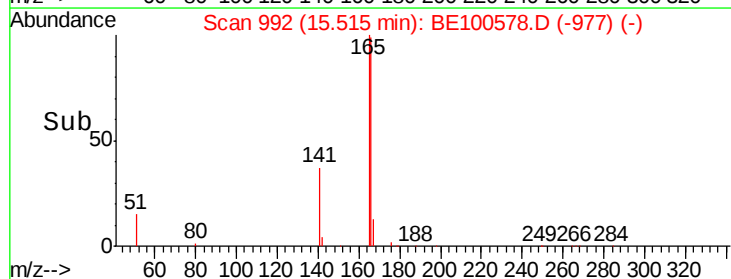
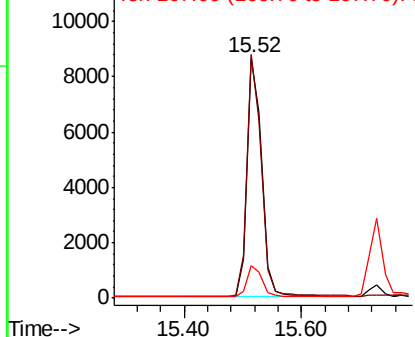


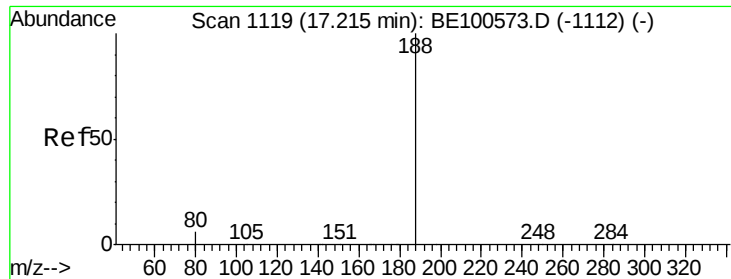
#18
Fluorene
Concen: 0.393 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

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 :

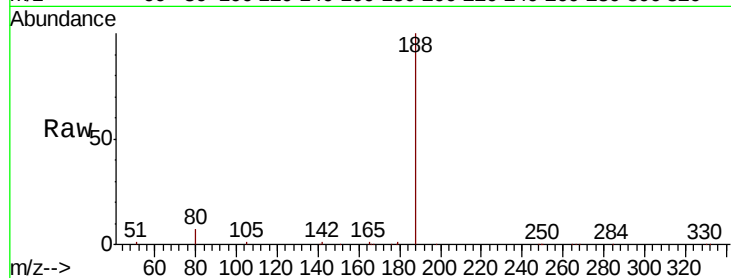
Tot Ion:188 Resp: 25178

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

17.22

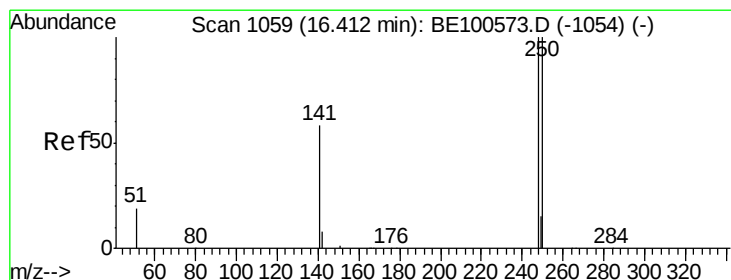
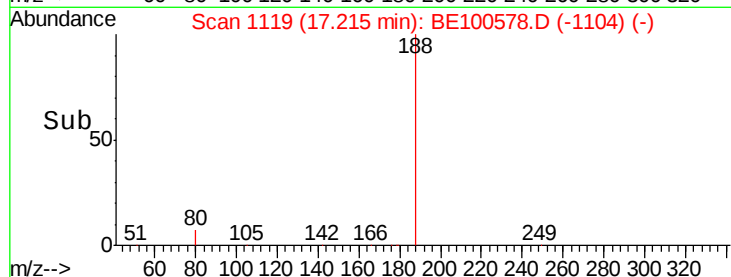
15000

10000

5000

0

Time--> 17.00 17.20 17.40



#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

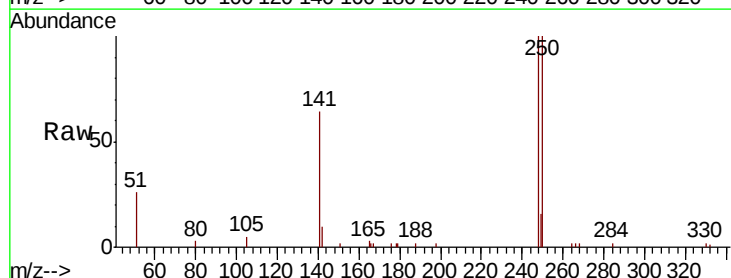
Tgt Ion:248 Resp: 4360

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

16.41

4000

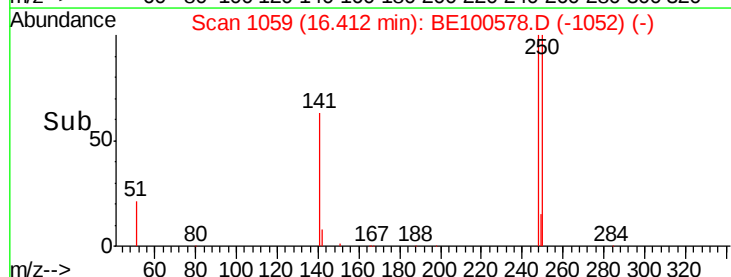
3000

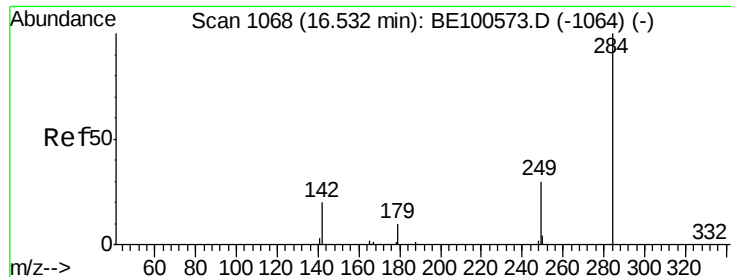
2000

1000

0

Time--> 16.30 16.40 16.50





#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 :

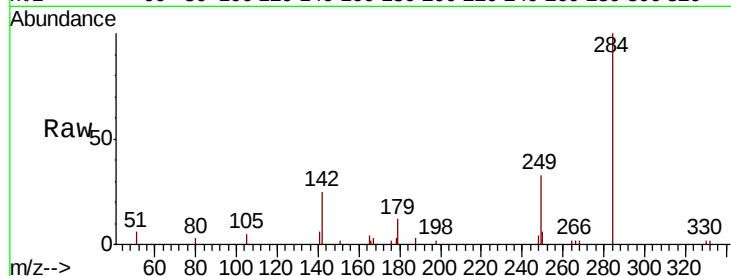
Tot Ion:284 Resp: 3707

Ion Ratio Lower Upper

284 100

142 46.6 37.0 55.4

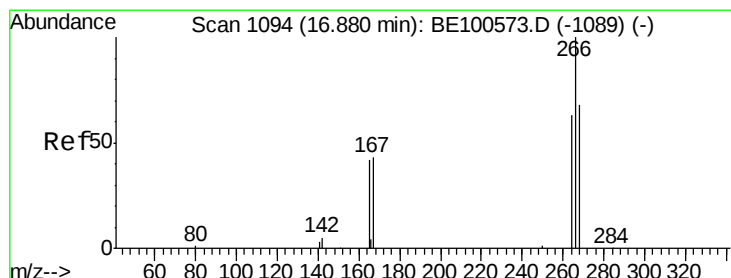
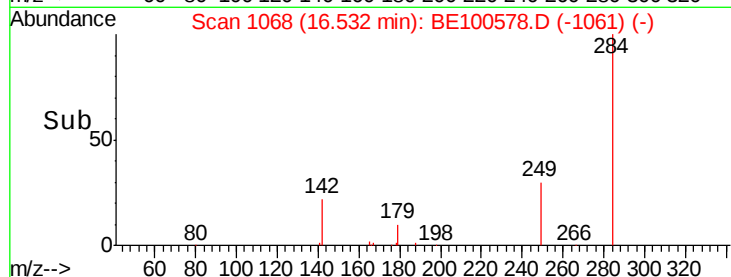
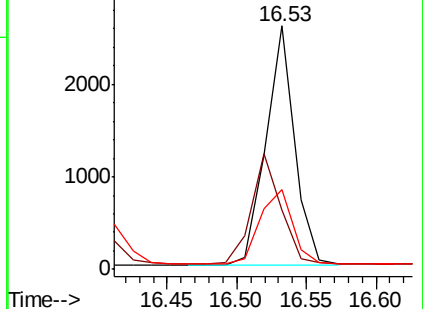
249 35.5 27.0 40.4



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

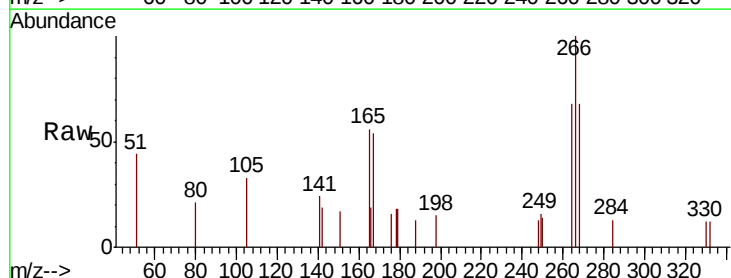
Tgt Ion:266 Resp: 1025

Ion Ratio Lower Upper

266 100

264 68.4 53.5 80.3

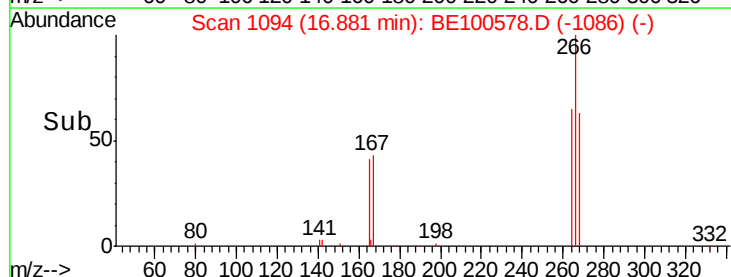
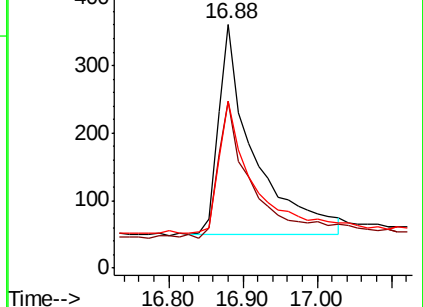
268 68.4 58.3 87.5

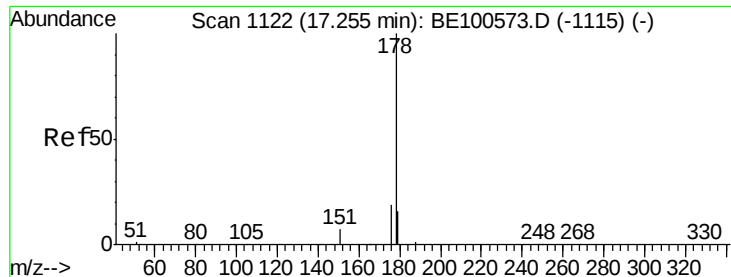


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

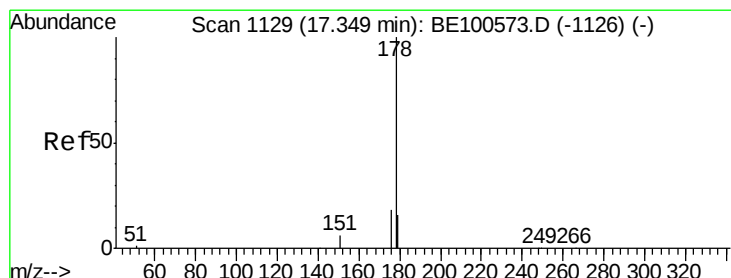
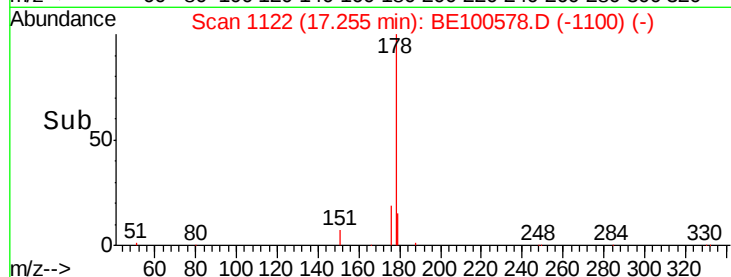
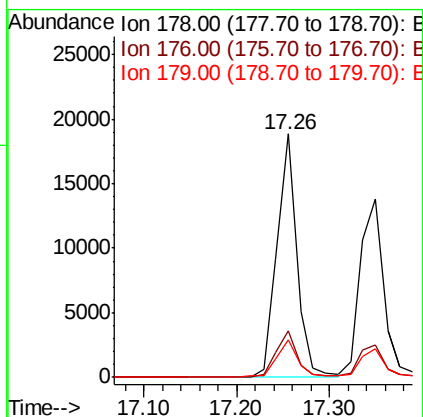
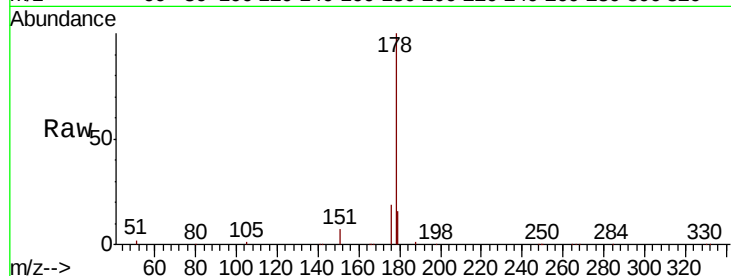




#23
Phenanthrene
Concen: 0.393 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

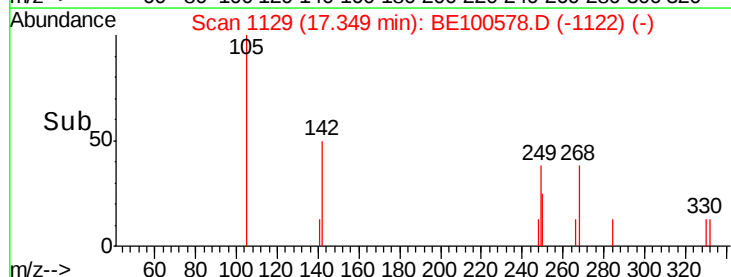
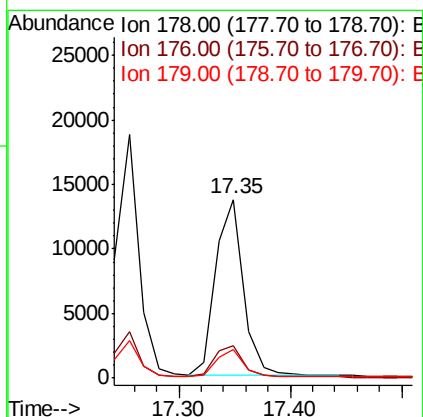
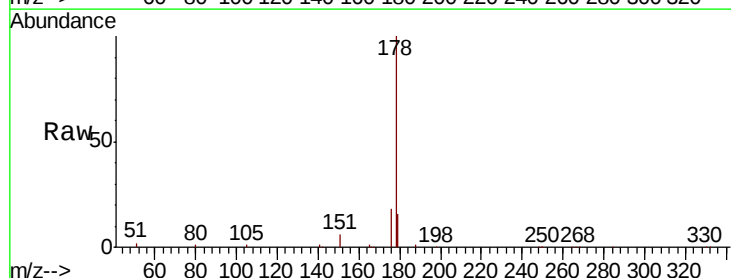
Instrument :
BNA_E
ClientSampled :

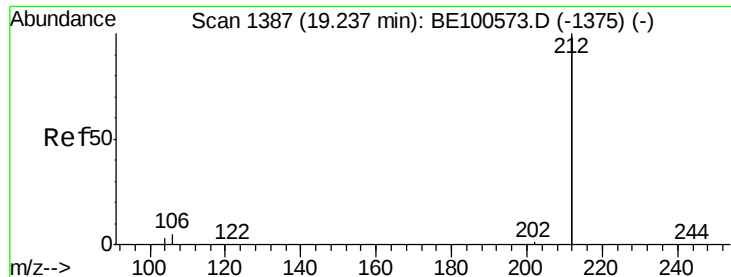
Tot Ion:178 Resp: 27905
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.4 18.6



#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

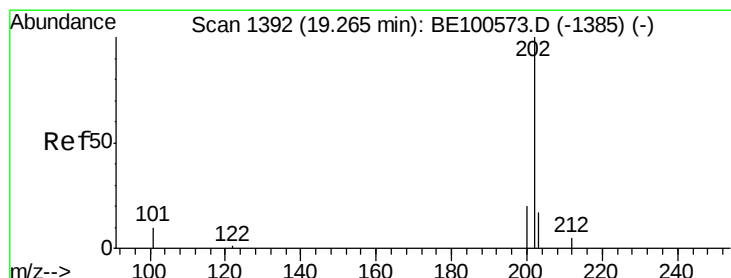
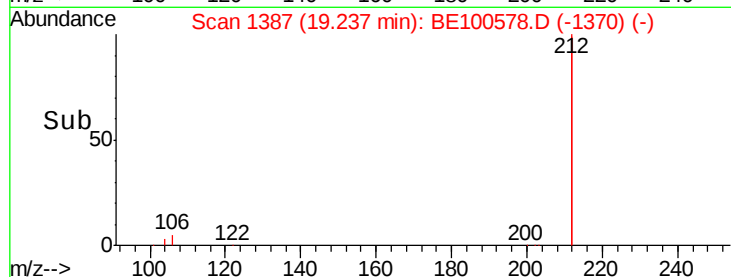
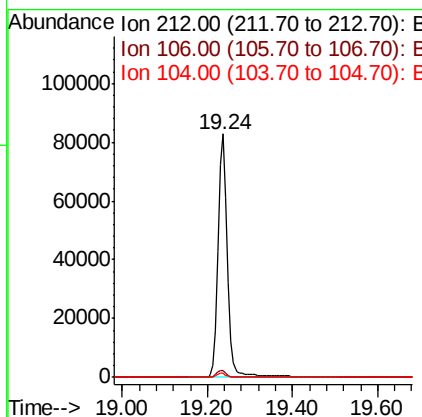
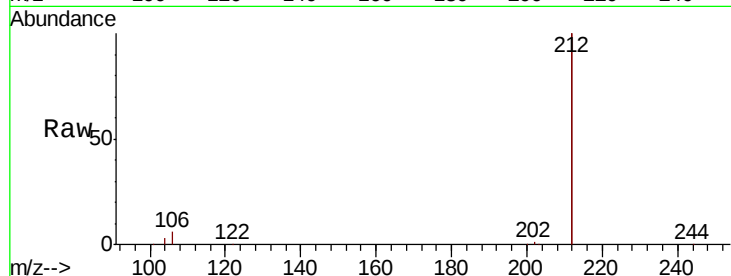




#25
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BE100578.D
 Acq: 27 Sep 2019 18:34

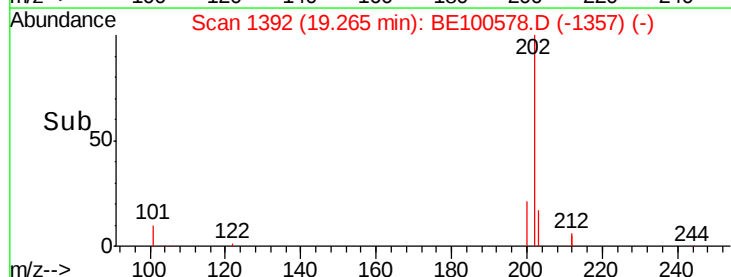
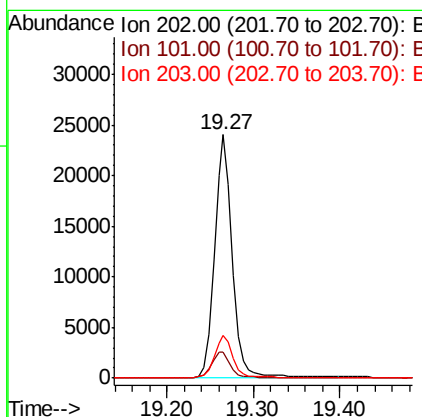
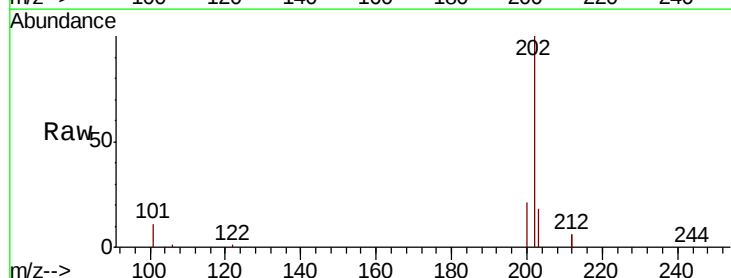
Instrument :
 BNA_E
 ClientSampled :

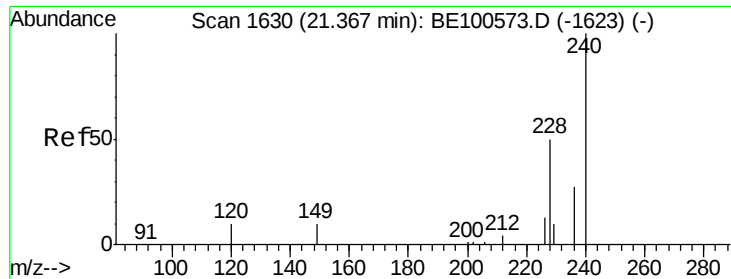
Tot Ion:212 Resp: 118836
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.5 3.7
 104 1.7 1.4 2.0



#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





#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 :

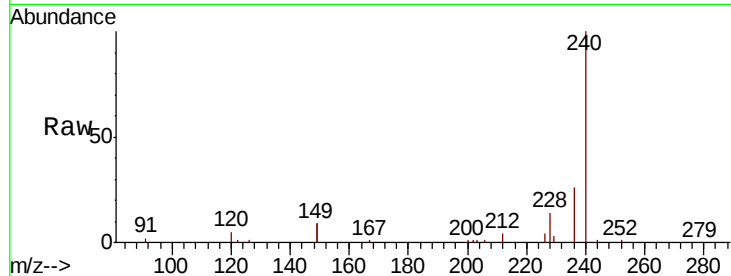
Tot Ion:240 Resp: 28958

Ion Ratio Lower Upper

240 100

120 4.9 8.7 13.1#

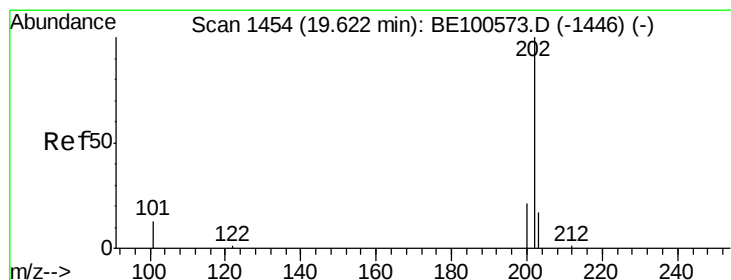
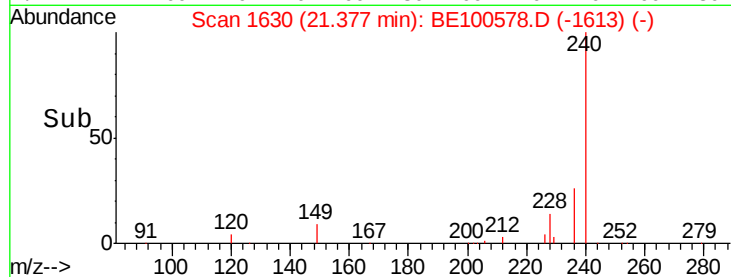
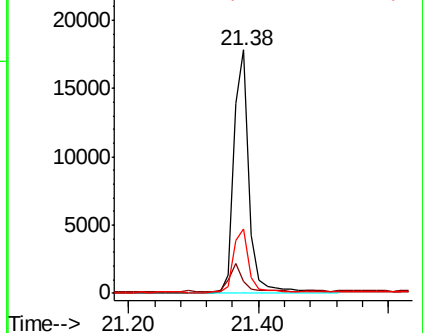
236 26.3 21.8 32.8



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: 0.405 ng

RT: 19.62 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BE100578.D

Acq: 27 Sep 2019 18:34

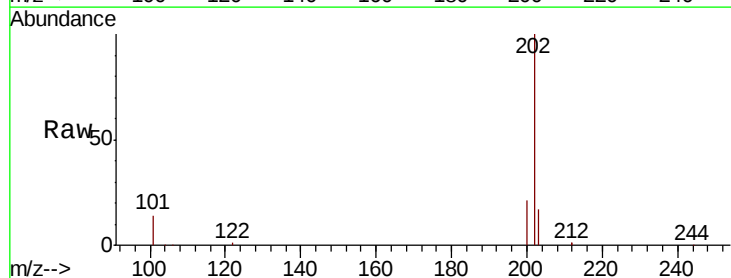
Tgt Ion:202 Resp: 35517

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

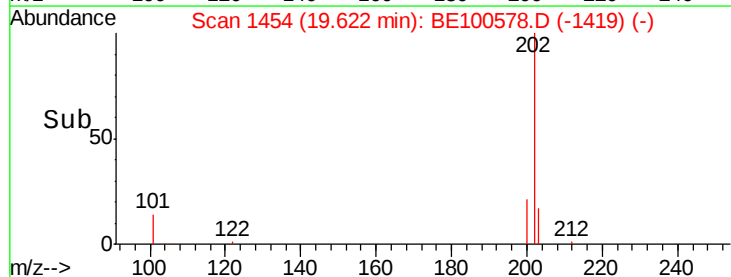
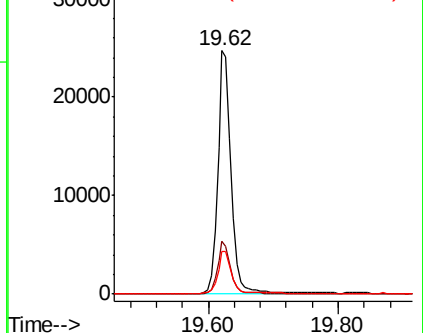
203 17.5 14.2 21.2

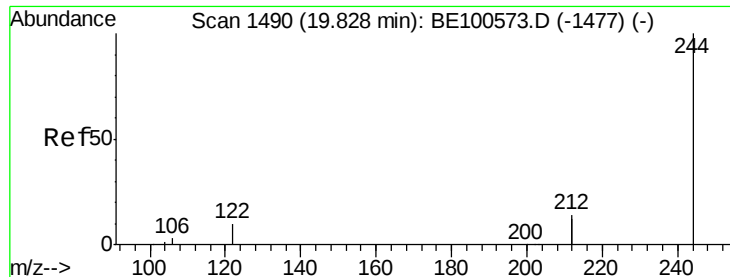


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

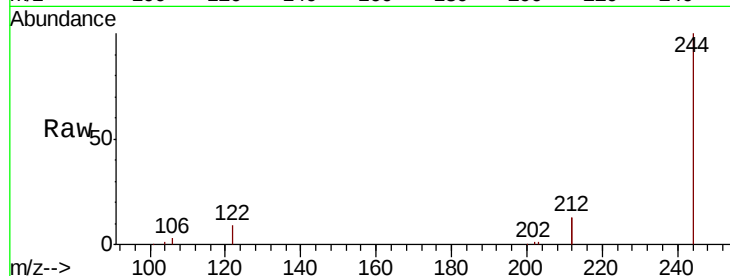




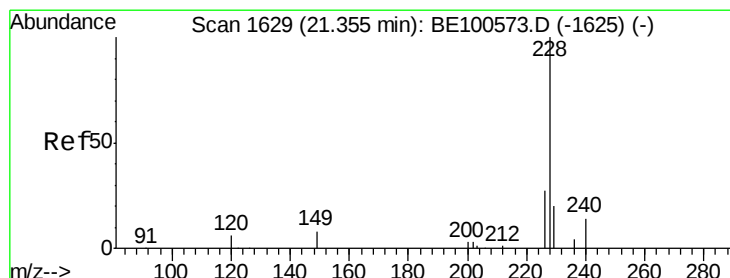
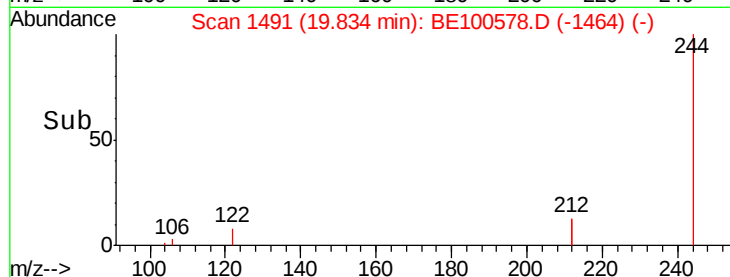
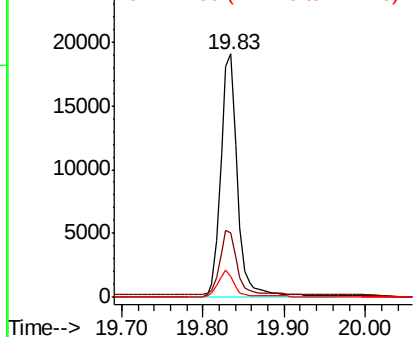
#29
 Terphenyl-d14
 Concen: 0.378 ng
 RT: 19.83 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BE100578.D
 Acq: 27 Sep 2019 18:34

Instrument :
 BNA_E
 ClientSampled :

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

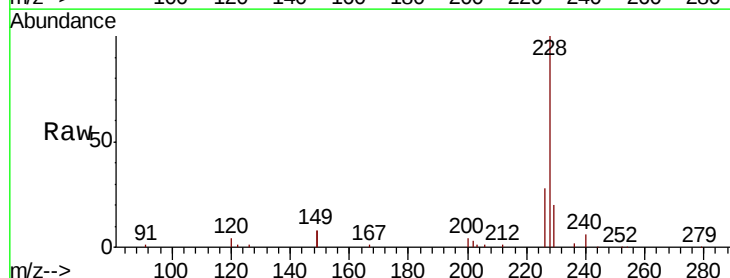


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

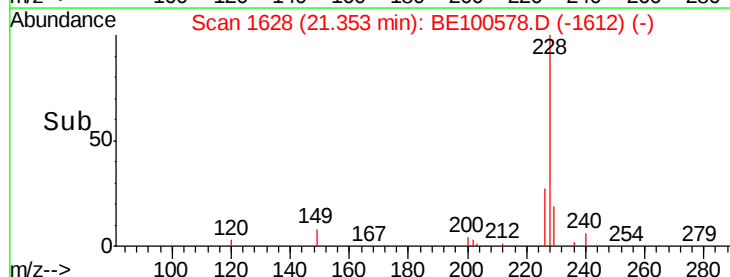
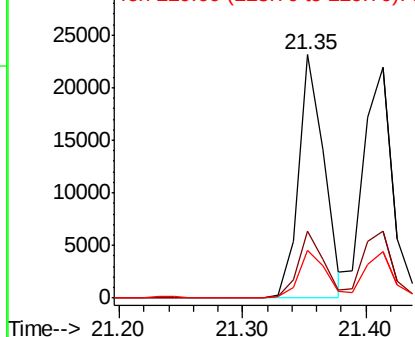


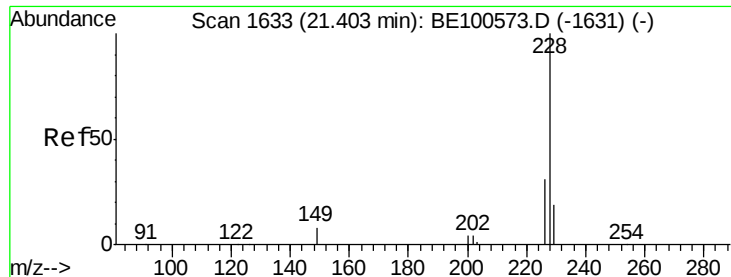
#30
 Benzo(a)anthracene
 Concen: 0.385 ng
 RT: 21.35 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BE100578.D
 Acq: 27 Sep 2019 18:34

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 :

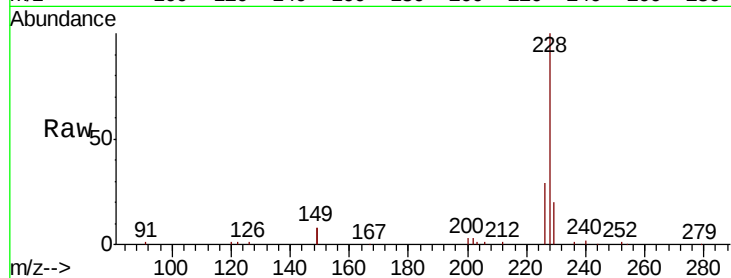
Tot Ion:228 Resp: 34913

Ion Ratio Lower Upper

228 100

226 29.1 24.4 36.6

229 20.2 15.6 23.4

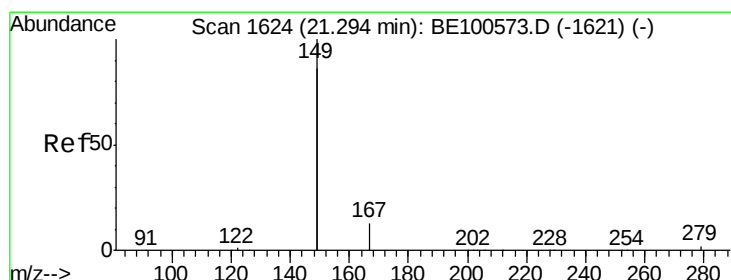
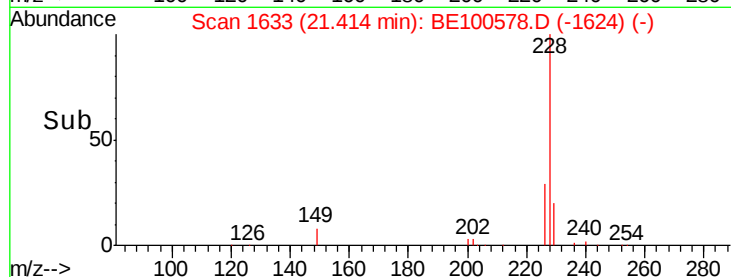
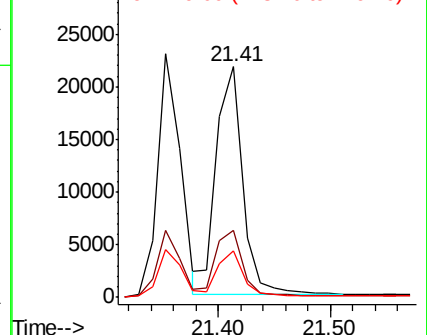


Abundance

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

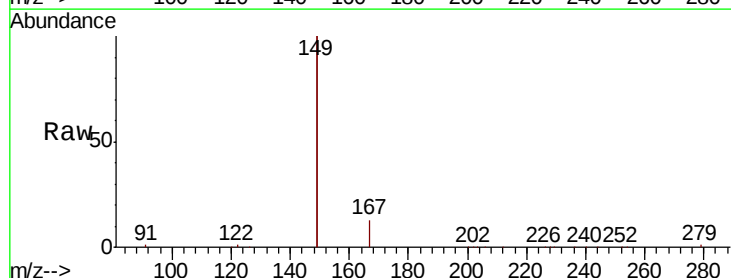
Tgt Ion:149 Resp: 82242

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

279 1.0 0.8 1.2

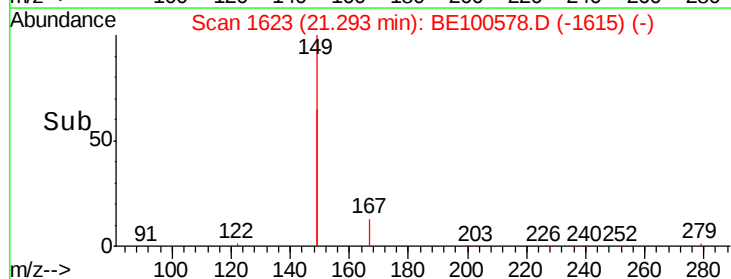
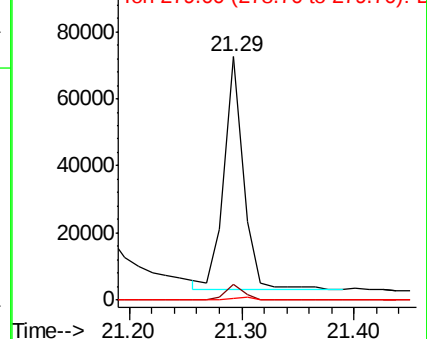


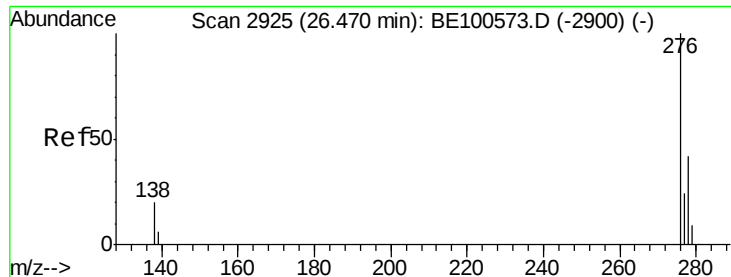
Abundance

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

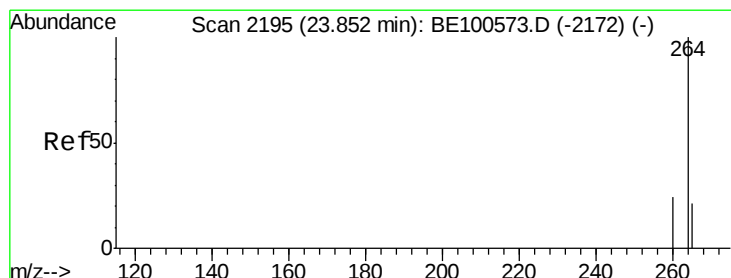
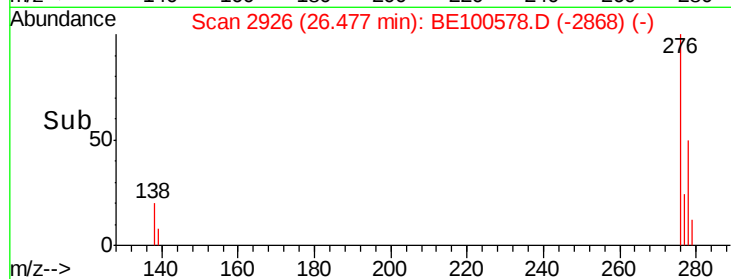
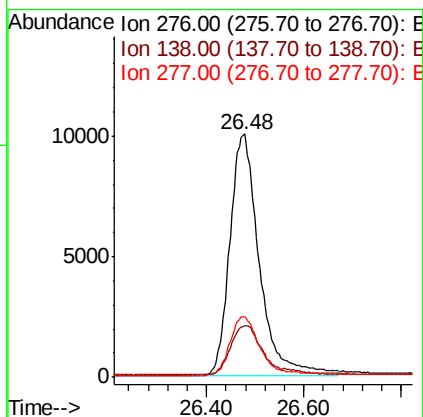
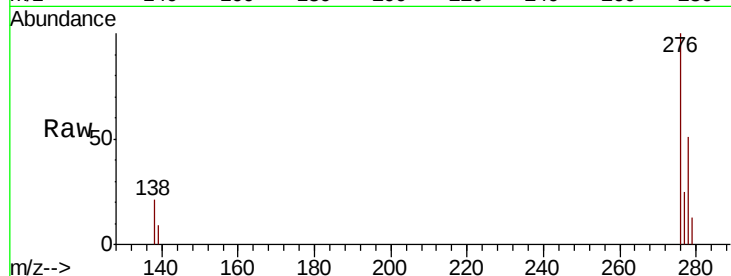




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.393 ng
 RT: 26.48 min Scan# 2926
 Delta R.T. 0.01 min
 Lab File: BE100578.D
 Acq: 27 Sep 2019 18:34

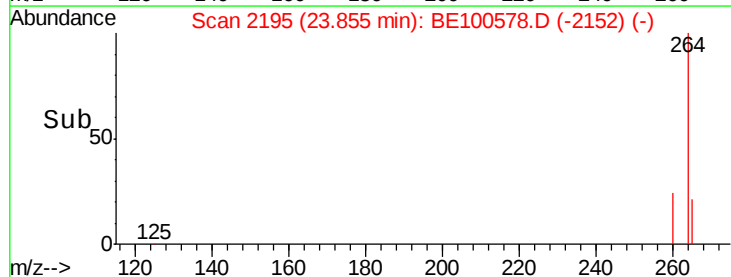
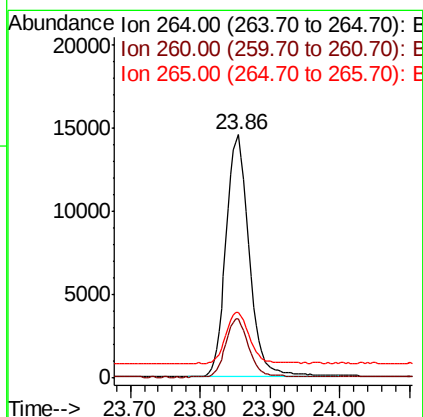
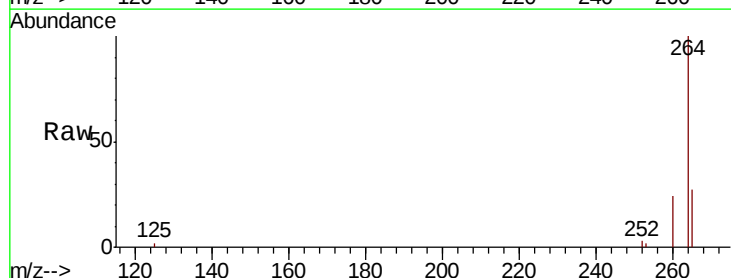
Instrument :
 BNA_E
 ClientSampleId :

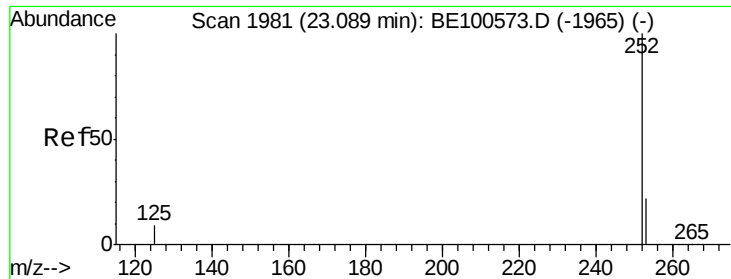
Tot Ion:276 Resp: 42122
 Ion Ratio Lower Upper
 276 100
 138 21.2 18.6 27.8
 277 24.9 19.4 29.2



#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

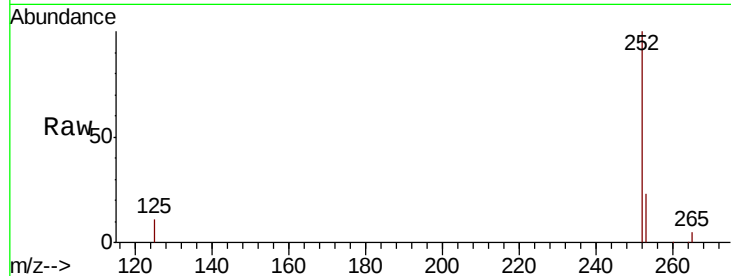




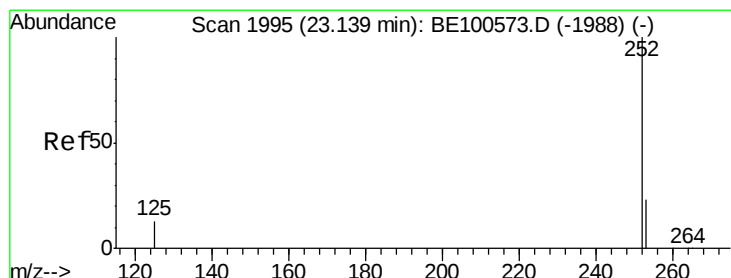
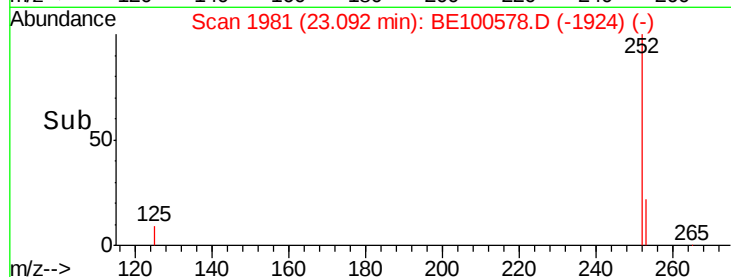
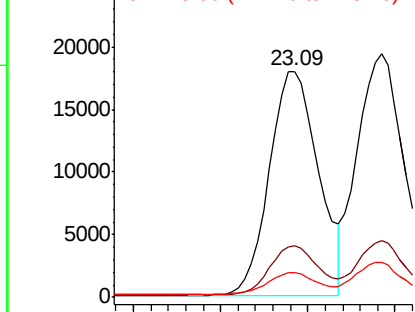
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

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

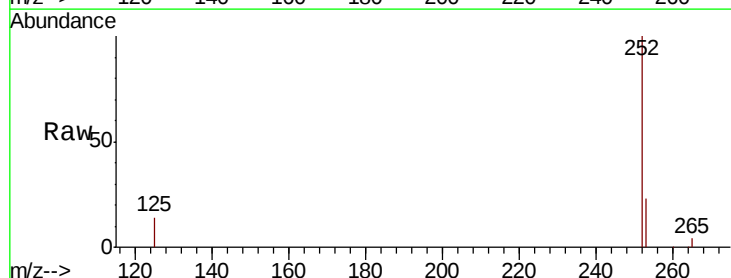


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

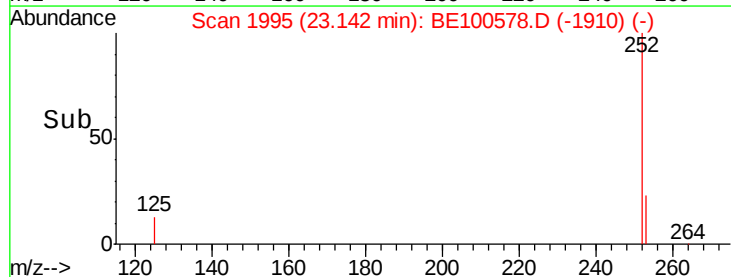
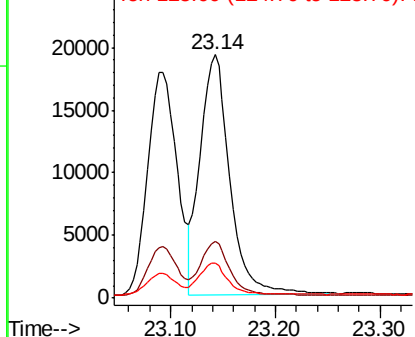


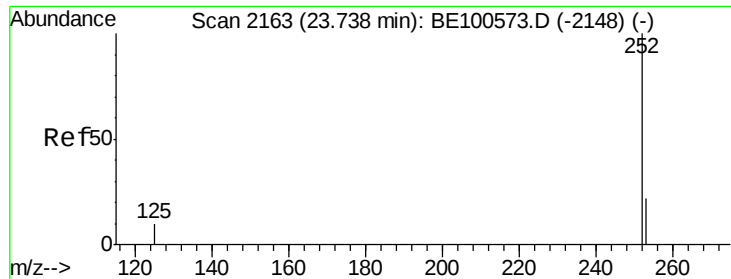
#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

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 :

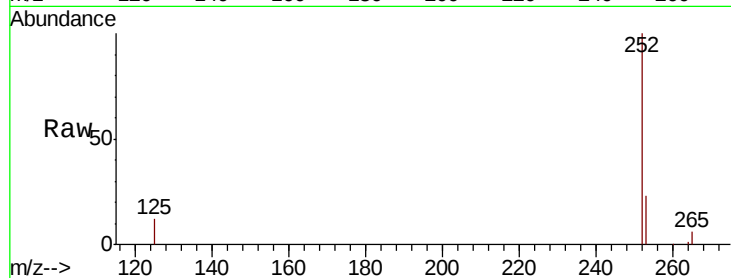
Tot Ion:252 Resp: 33464

Ion Ratio Lower Upper

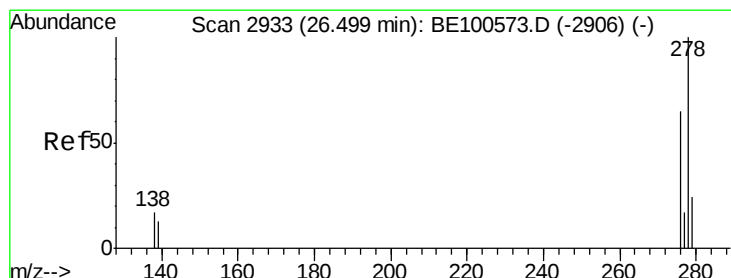
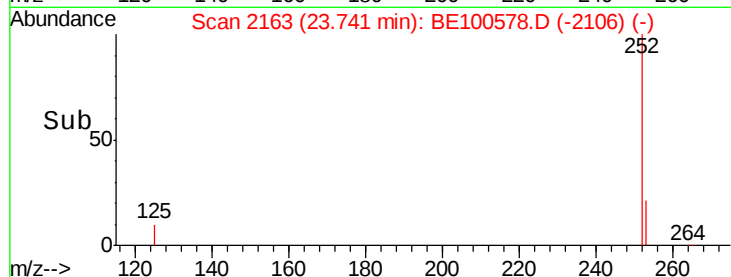
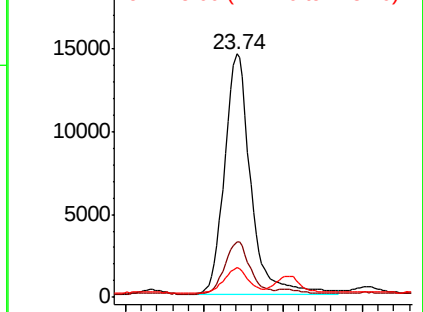
252 100

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

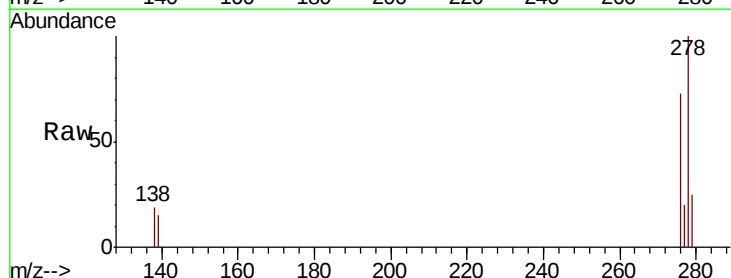
Tgt Ion:278 Resp: 34365

Ion Ratio Lower Upper

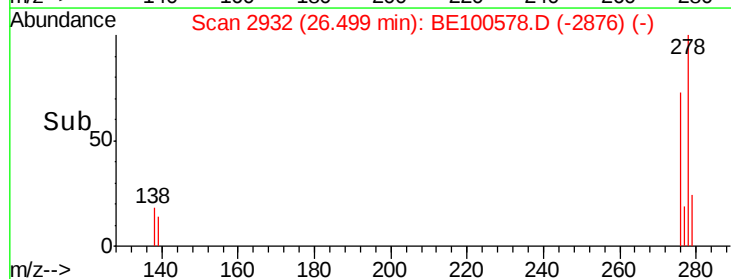
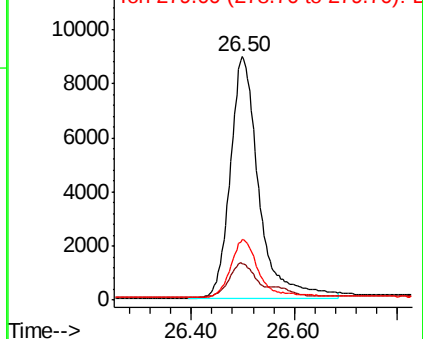
278 100

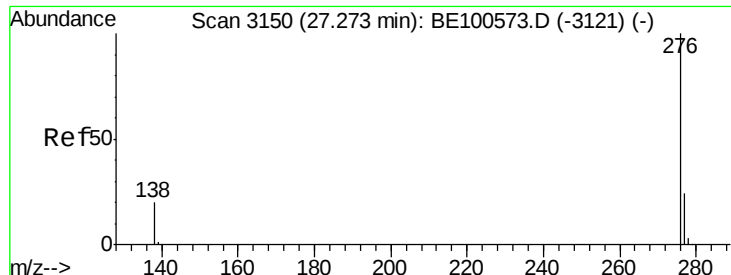
139 14.9 11.7 17.5

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 :

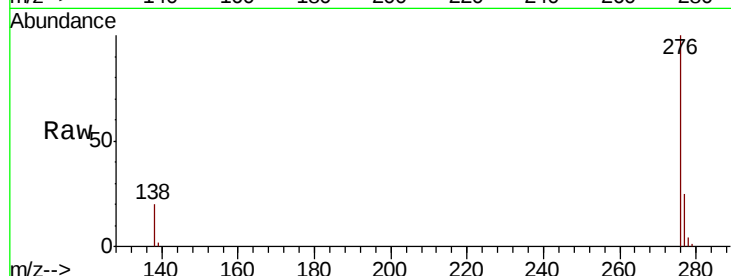
Tot Ion: 276 Resp: 35187

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

