

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
 Data File : BE100571.D
 Acq On : 27 Sep 2019 14:06
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 27 18:04:47 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	3003	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	14431	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	9242	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	23000	0.40	ng	0.00
27) Chrysene-d12	21.37	240	27260	0.40	ng	0.00
34) Perylene-d12	23.85	264	32047	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	880	0.13	ng	0.00
5) Phenol-d6	7.02	99	1097	0.11	ng	0.00
8) Nitrobenzene-d5	9.00	82	953	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	2246	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	231	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	3172	0.10	ng	0.00
25) Fluoranthene-d10	19.24	212	28321	0.10	ng	0.00
29) Terphenyl-d14	19.83	244	6417	0.10	ng	0.00

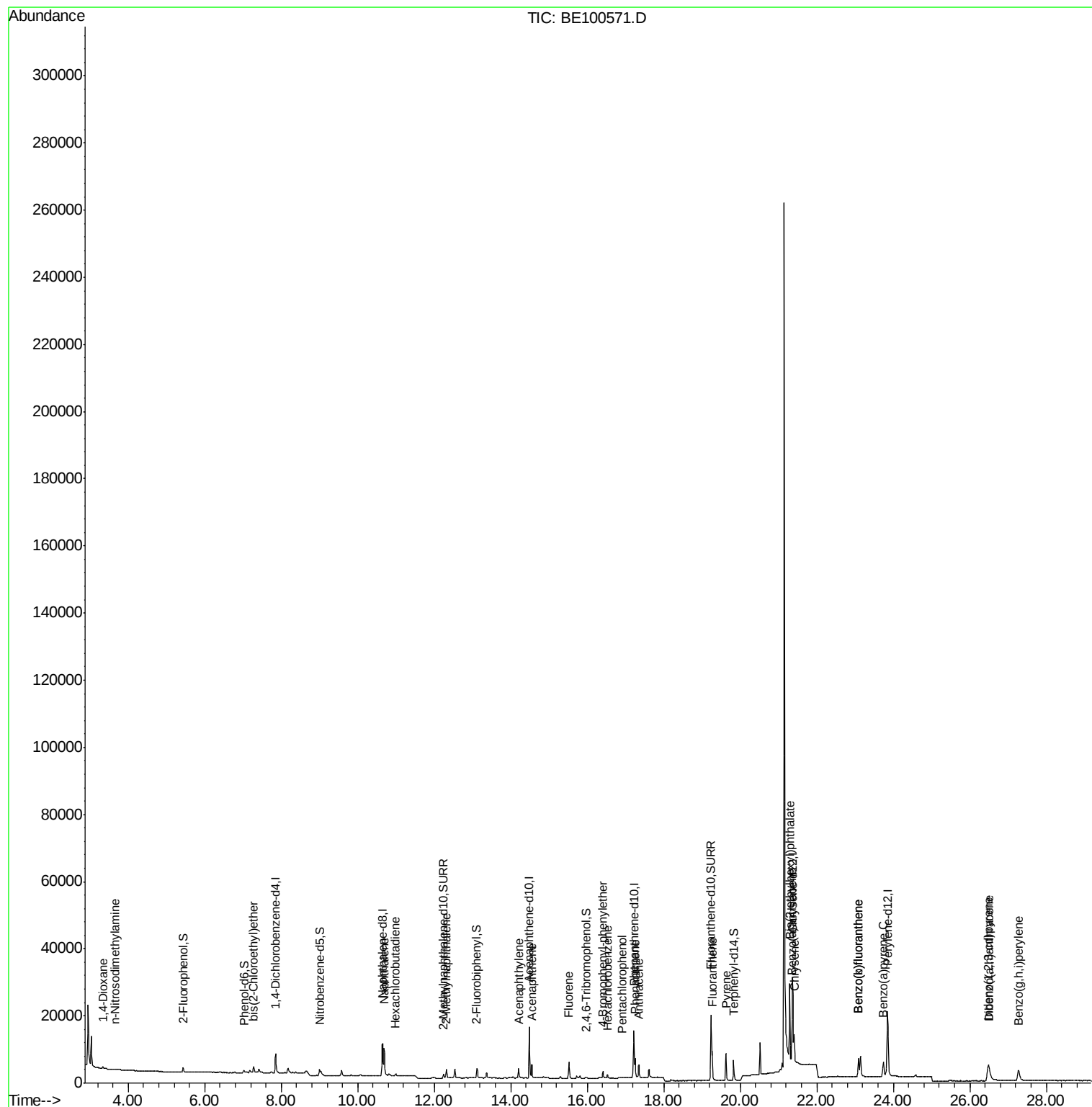
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	830	0.192	ng	# 79
3) n-Nitrosodimethylamine	3.67	42	209	0.082	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	1025	0.105	ng	91
9) Naphthalene	10.69	128	15125	0.101	ng	# 98
10) Hexachlorobutadiene	10.99	225	484	0.101	ng	97
12) 2-Methylnaphthalene	12.31	142	2452	0.103	ng	98
16) Acenaphthylene	14.21	152	3831	0.101	ng	99
17) Acenaphthene	14.56	154	2509	0.098	ng	98
18) Fluorene	15.52	166	3258	0.101	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	996	0.092	ng	# 93
21) Hexachlorobenzene	16.53	284	856	0.091	ng	99
22) Pentachlorophenol	16.91	266	166	0.077	ng	84
23) Phenanthrene	17.26	178	6192	0.097	ng	99
24) Anthracene	17.35	178	5341	0.099	ng	99
26) Fluoranthene	19.26	202	7750	0.100	ng	100
28) Pyrene	19.63	202	8039	0.102	ng	99
30) Benzo(a)anthracene	21.35	228	7880	0.108	ng	99
31) Chrysene	21.41	228	8191	0.099	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	30110	0.384	ng	98
33) Indeno(1,2,3-cd)pyrene	26.47	276	10252	0.111	ng	97
35) Benzo(b)fluoranthene	23.09	252	8503	0.098	ng	# 91
36) Benzo(k)fluoranthene	23.09	252	8503	0.085	ng	95
37) Benzo(a)pyrene	23.74	252	8251	0.102	ng	# 88
38) Dibenzo(a,h)anthracene	26.50	278	7673	0.091	ng	# 85
39) Benzo(g,h,i)perylene	27.27	276	8711	0.099	ng	# 92

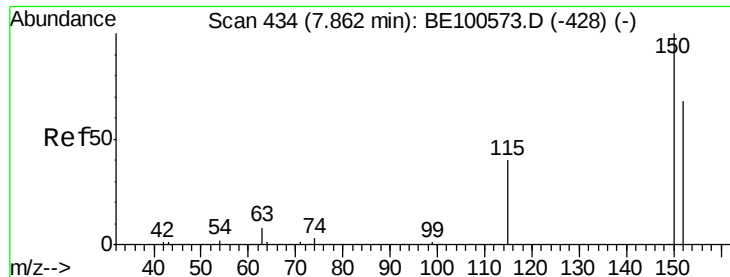
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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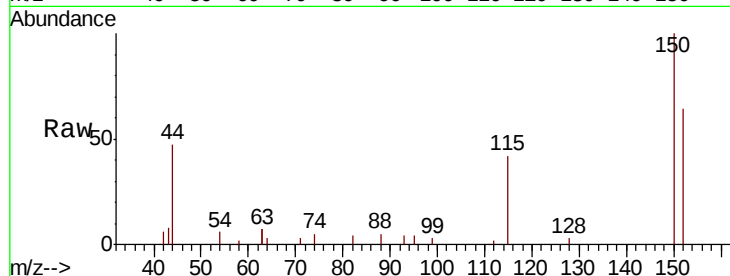


#1

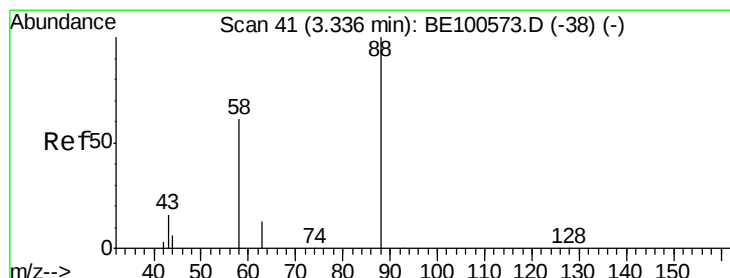
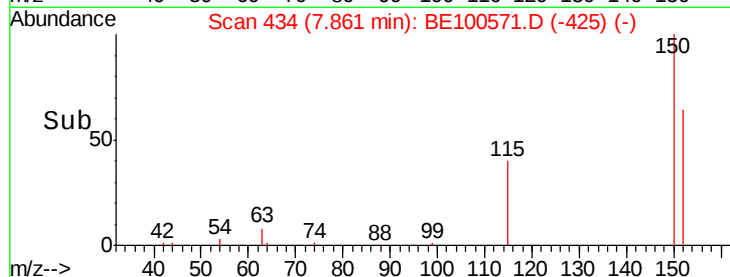
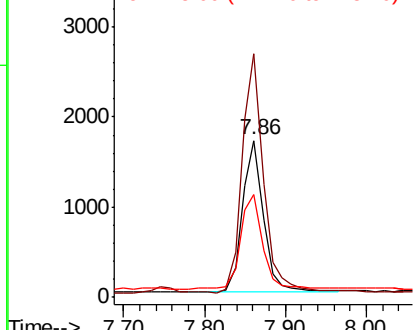
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3003
Ion Ratio Lower Upper
152 100
150 155.3 116.9 175.3
115 65.4 50.2 75.4



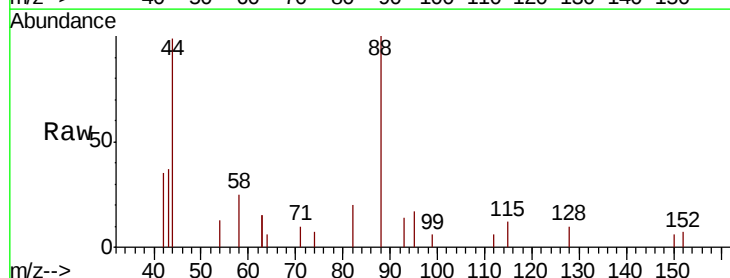
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



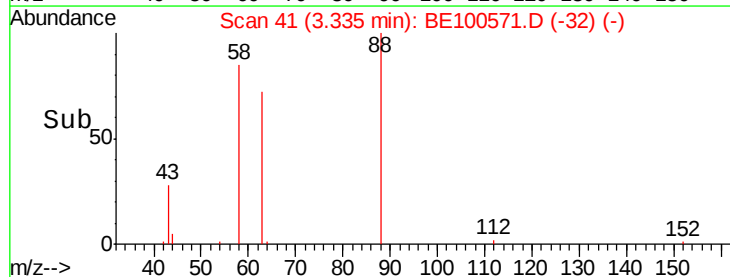
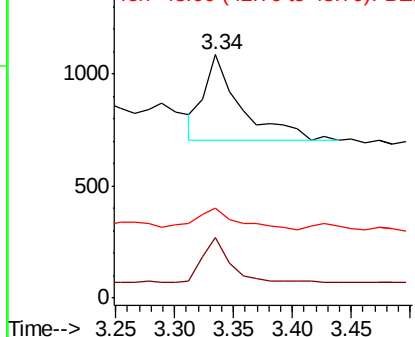
#2

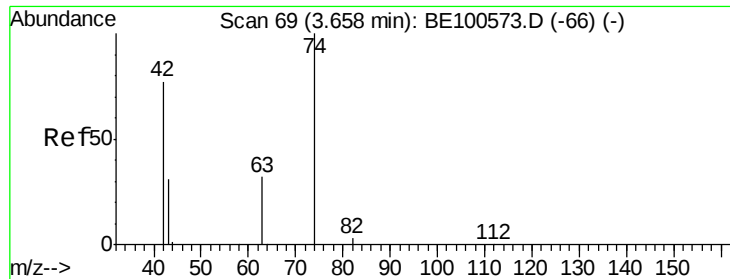
1,4-Dioxane
Concen: 0.192 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion: 88 Resp: 830
Ion Ratio Lower Upper
88 100
58 41.1 46.4 69.6#
43 28.9 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: 0.082 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.01 min

Lab File: BE100571.D

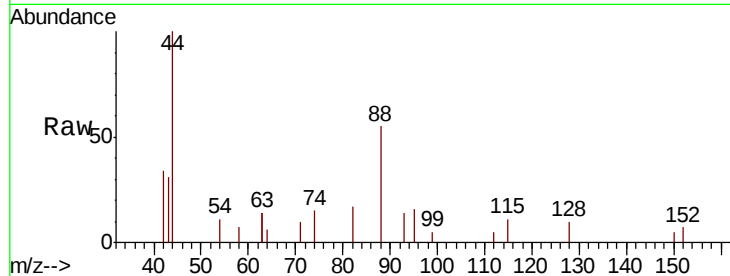
Acq: 27 Sep 2019 14:06

Instrument :

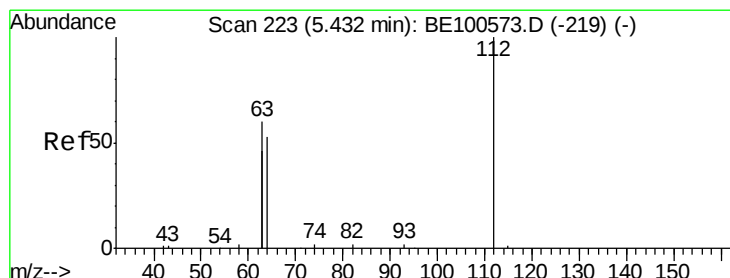
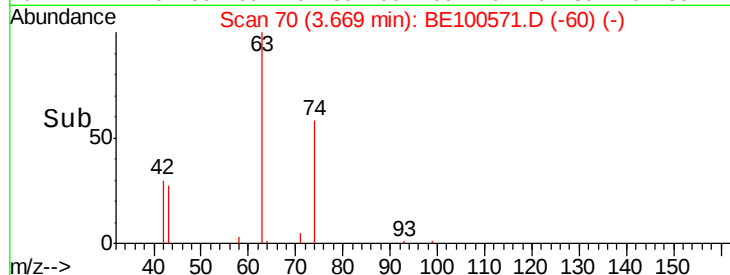
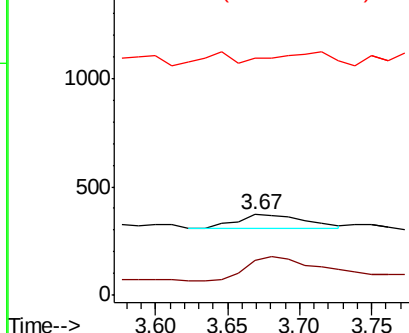
BNA_E

ClientSampled :

Tot Ion:	42	Resp:	209
Ion	Ratio	Lower	Upper
42	100		
74	185.2	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: 0.125 ng

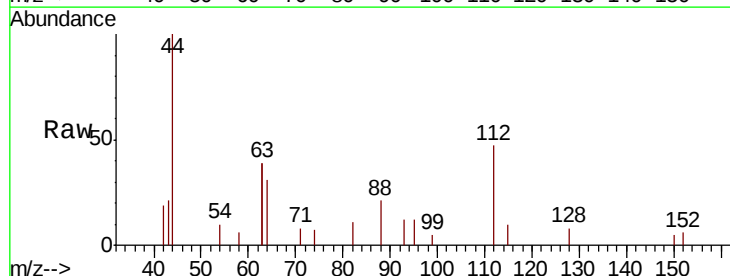
RT: 5.43 min Scan# 223

Delta R.T. -0.00 min

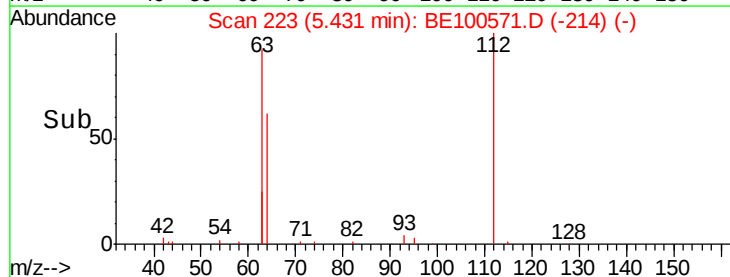
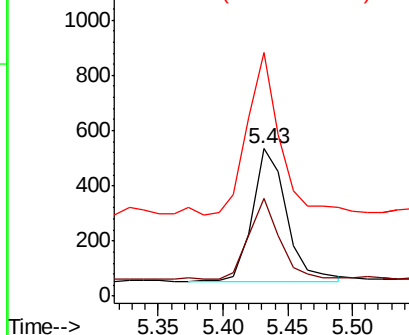
Lab File: BE100571.D

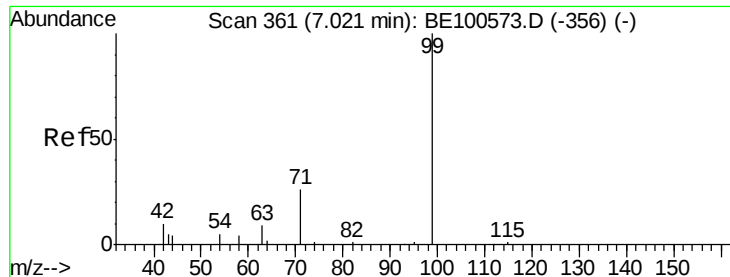
Acq: 27 Sep 2019 14:06

Tgt Ion:	112	Resp:	880
Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.9	67.3
63	116.5	90.1	135.1



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





#5

Phenol-d6

Concen: 0.114 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

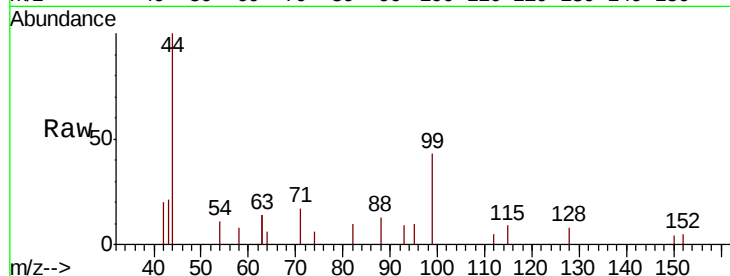
Tot Ion: 99 Resp: 1097

Ion Ratio Lower Upper

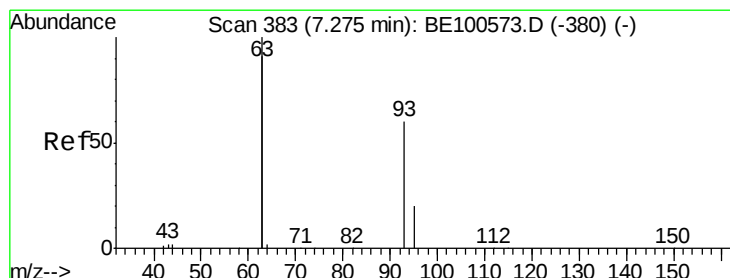
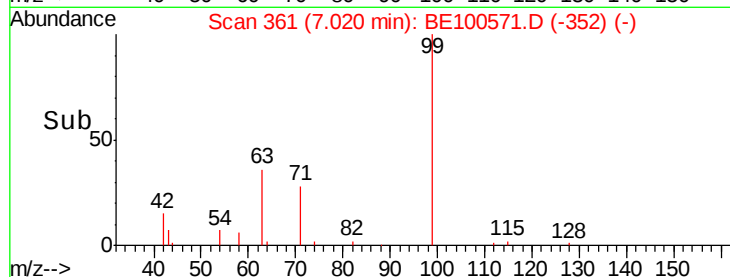
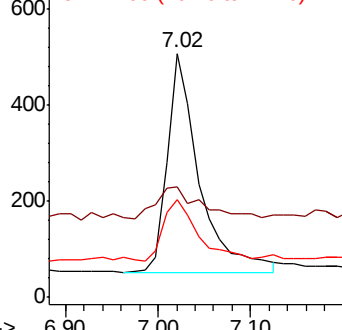
99 100

42 21.1 11.7 17.5#

71 28.6 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: 0.105 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

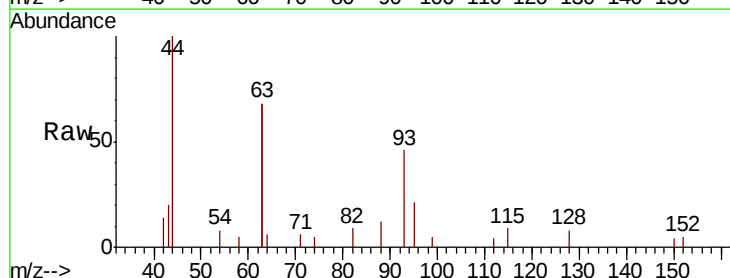
Tgt Ion: 93 Resp: 1025

Ion Ratio Lower Upper

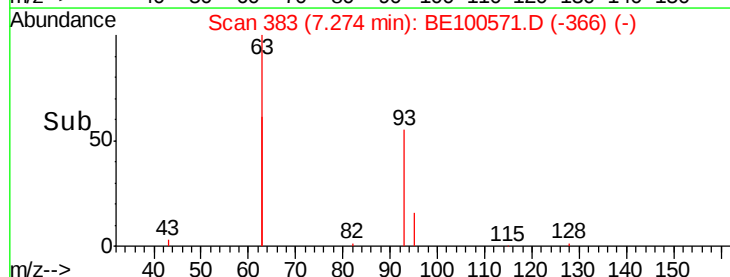
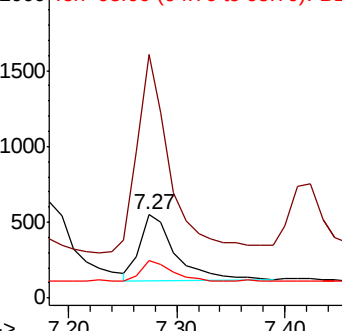
93 100

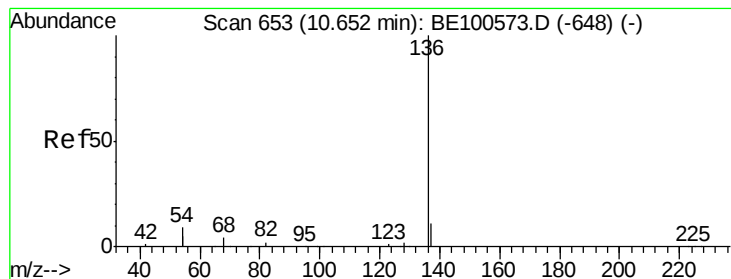
63 266.2 228.3 342.5

95 28.3 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: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 14431

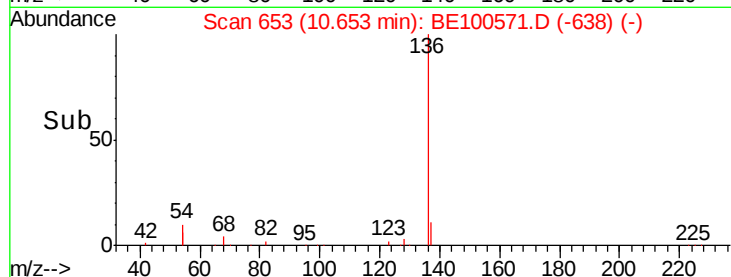
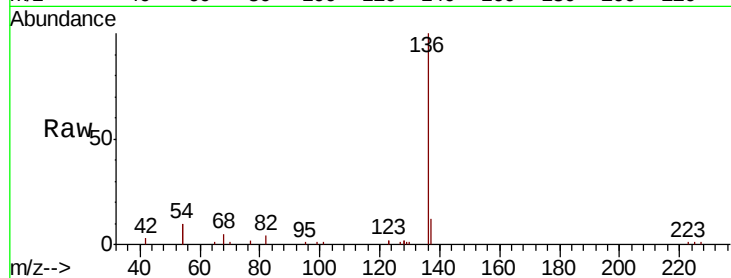
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 20.7 15.0 22.6

68 5.2 3.7 5.5

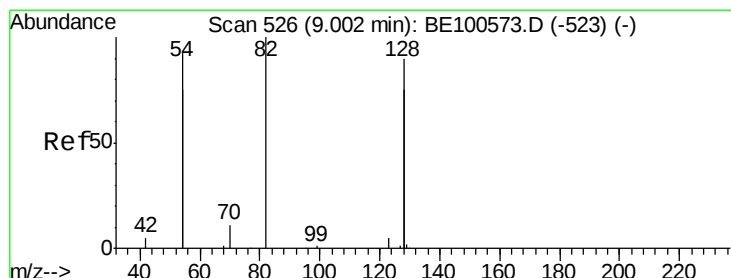
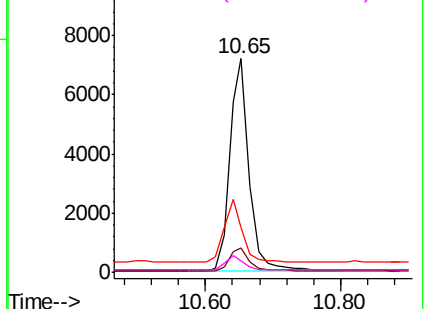


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.115 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

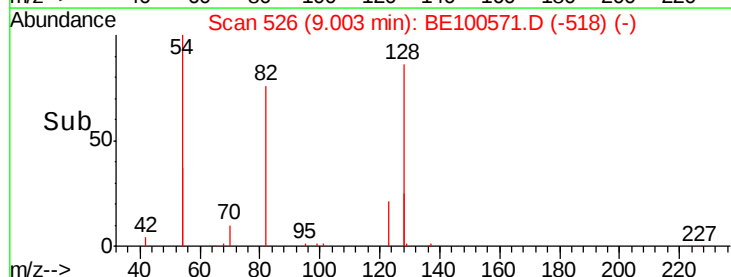
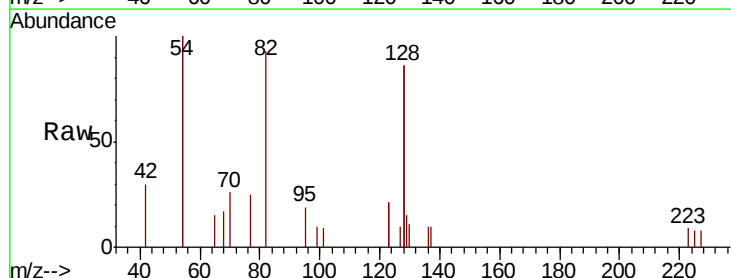
Tgt Ion: 82 Resp: 953

Ion Ratio Lower Upper

82 100

128 184.8 137.9 206.9

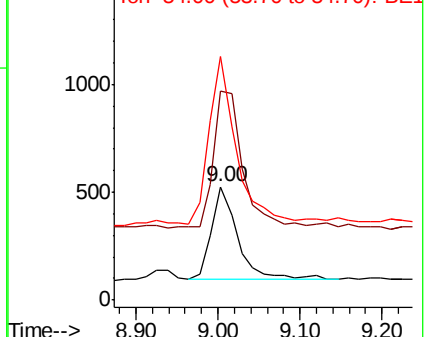
54 215.2 143.0 214.6#

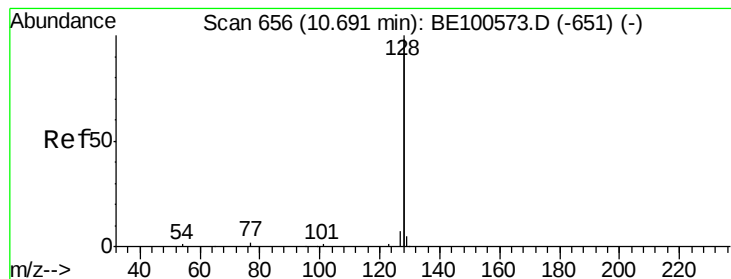


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.101 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

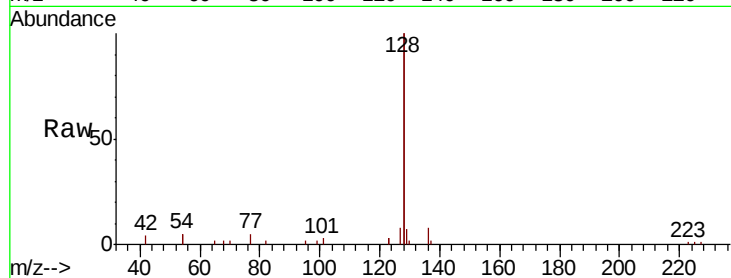
Tot Ion:128 Resp: 15125

Ion Ratio Lower Upper

128 100

129 3.6 2.2 3.4#

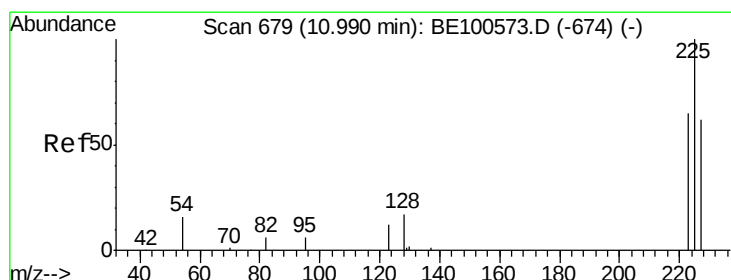
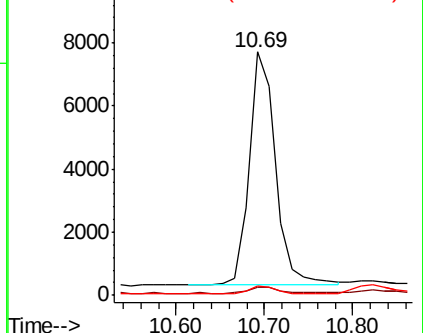
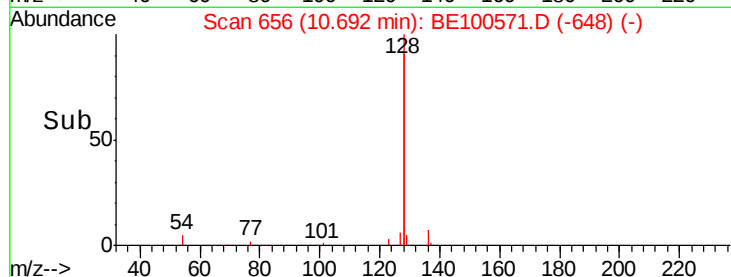
127 3.9 2.8 4.2



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: 0.101 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

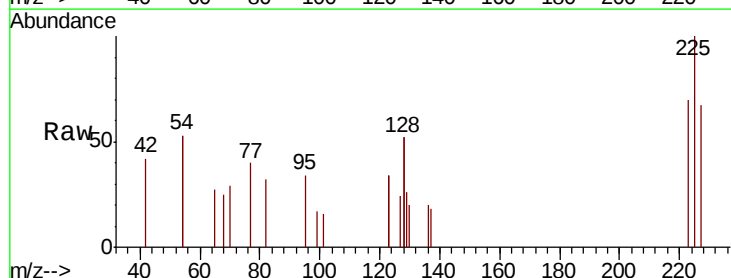
Tgt Ion:225 Resp: 484

Ion Ratio Lower Upper

225 100

223 66.1 49.4 74.0

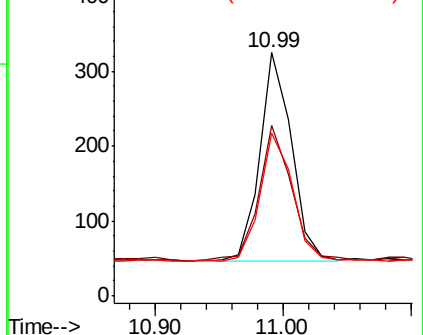
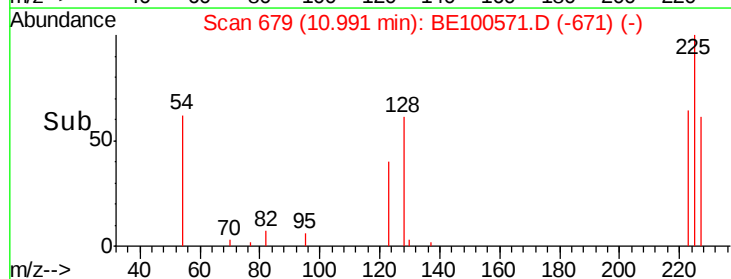
227 62.4 50.3 75.5

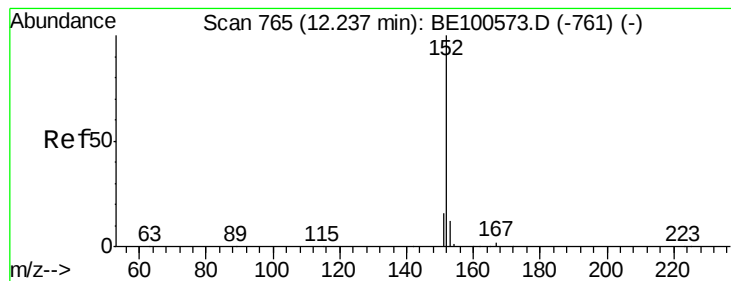


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.104 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

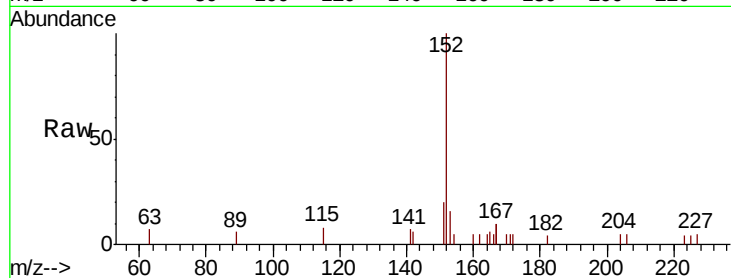
ClientSampled :

Tot Ion:152 Resp: 2246

Ion Ratio Lower Upper

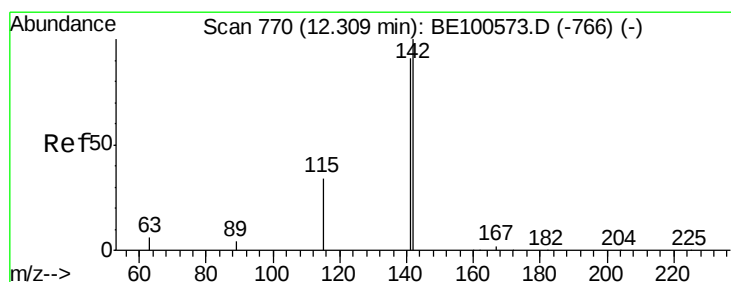
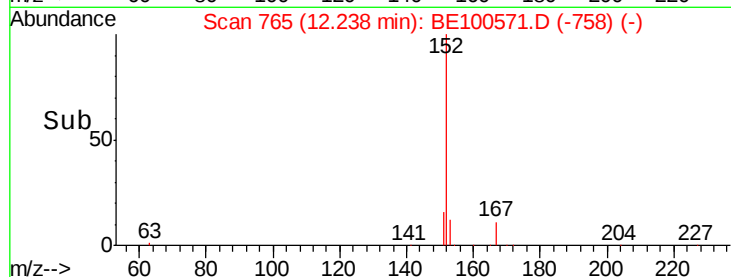
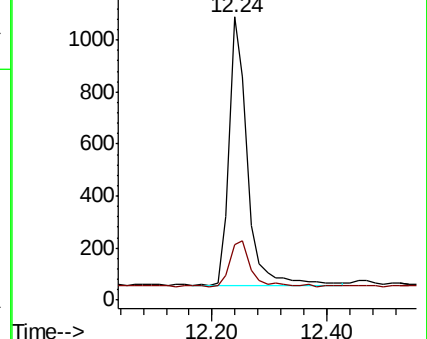
152 100

151 20.0 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: 0.103 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

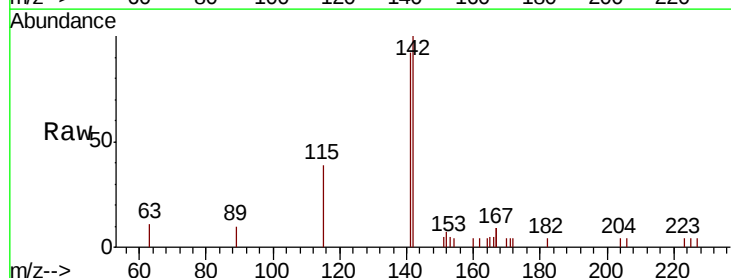
Tgt Ion:142 Resp: 2452

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8

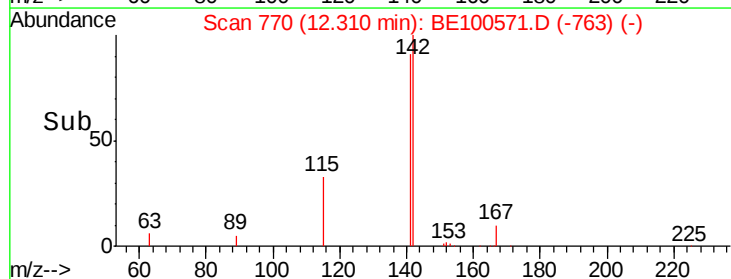
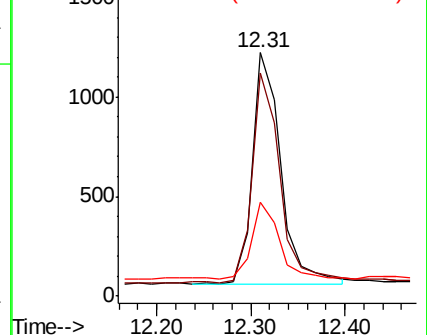
115 38.7 28.2 42.2

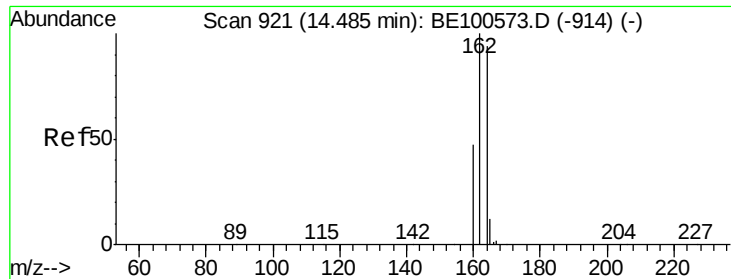


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

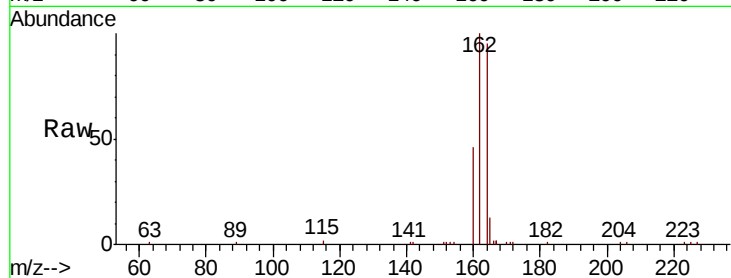




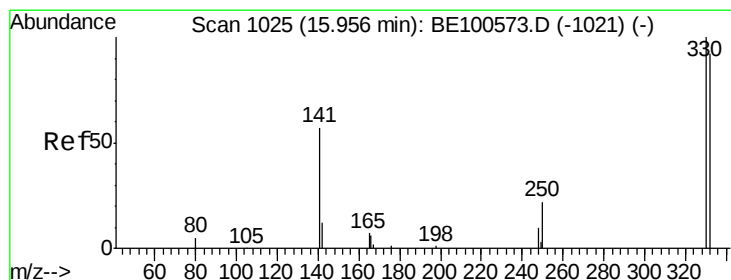
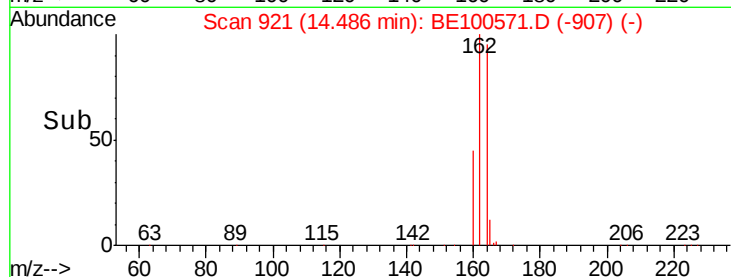
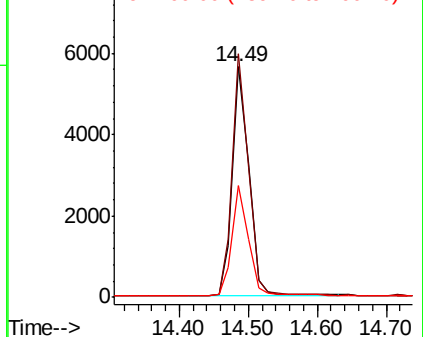
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9242
Ion Ratio Lower Upper
164 100
162 105.6 85.0 127.4
160 48.5 40.2 60.4

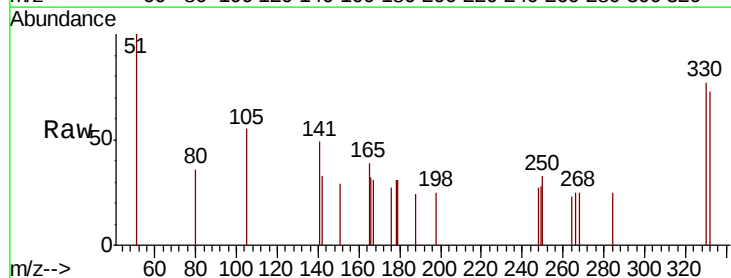


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

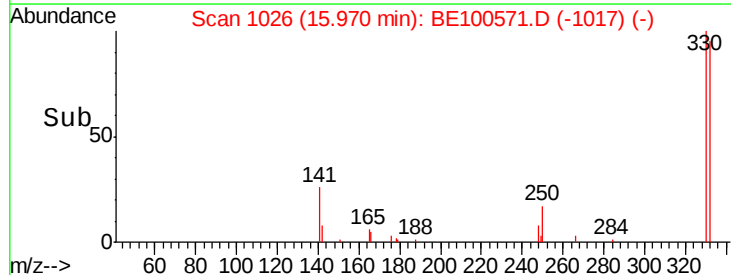
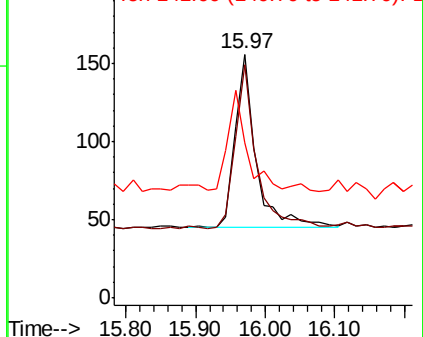


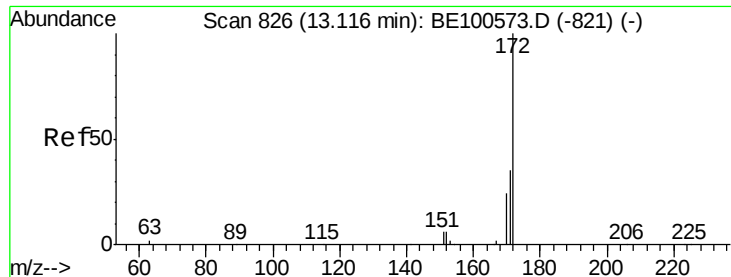
#14
2,4,6-Tribromophenol
Concen: 0.155 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:330 Resp: 231
Ion Ratio Lower Upper
330 100
332 98.3 78.1 117.1
141 50.2 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

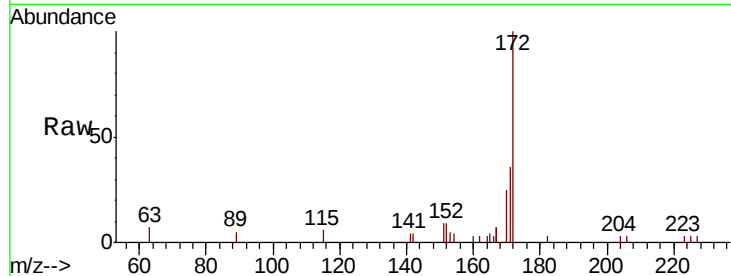




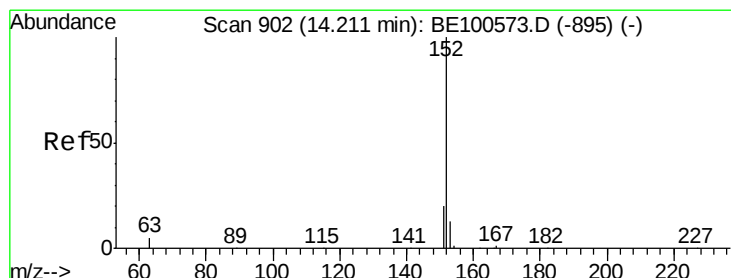
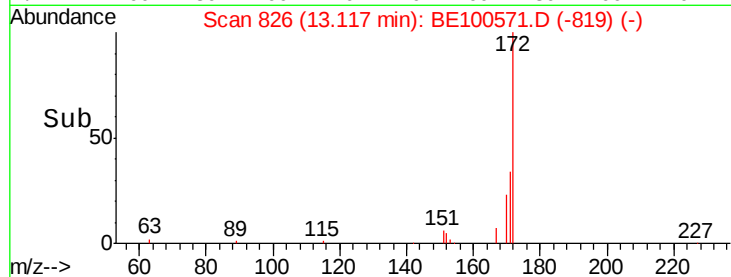
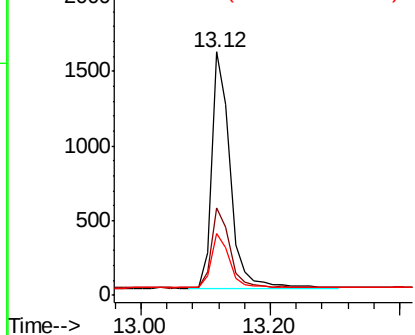
#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3172
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 25.3 19.2 28.8

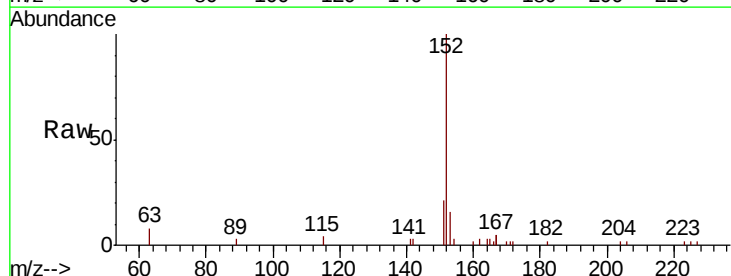


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

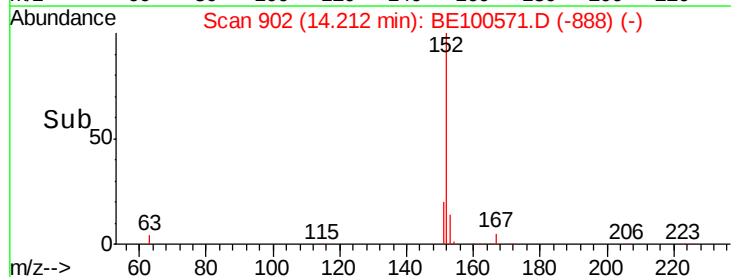
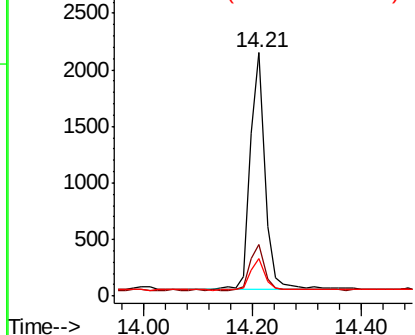


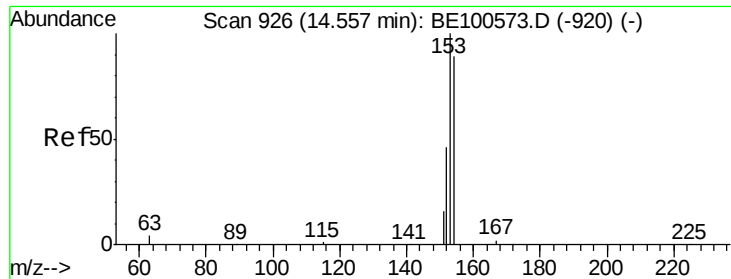
#16
Acenaphthylene
Concen: 0.101 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:152 Resp: 3831
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.8
153 13.3 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

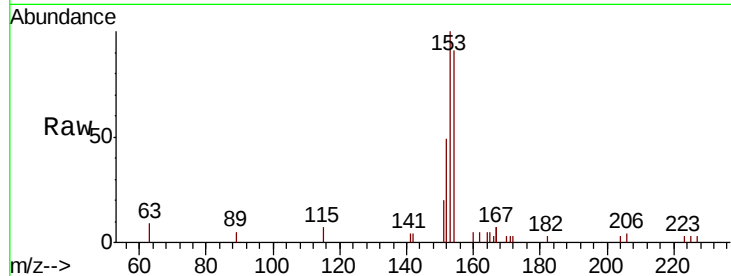




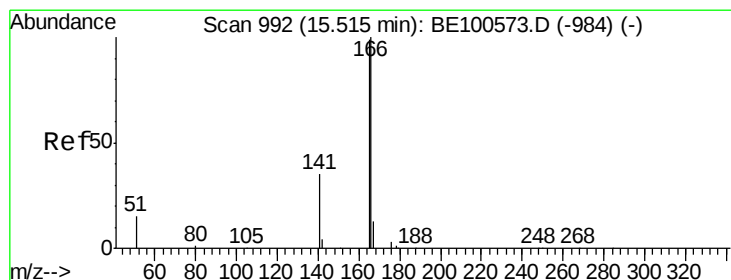
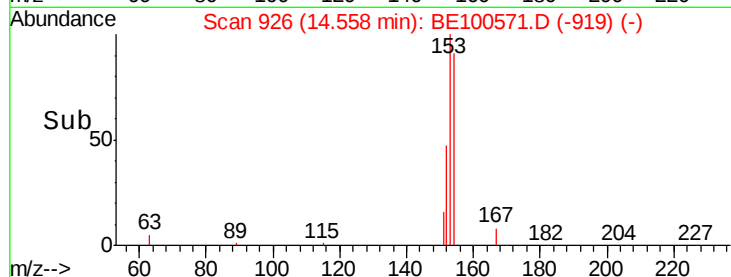
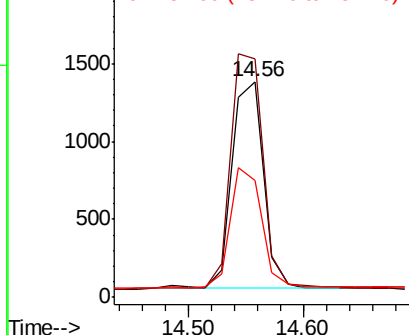
#17
Acenaphthene
Concen: 0.098 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2509
Ion Ratio Lower Upper
154 100
153 117.3 92.7 139.1
152 58.5 45.6 68.4

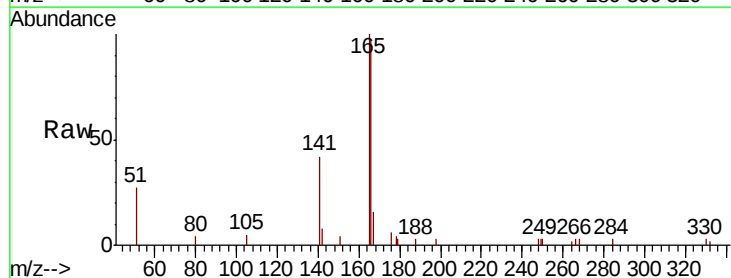


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

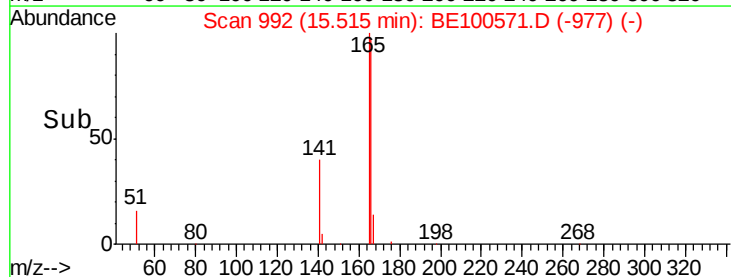
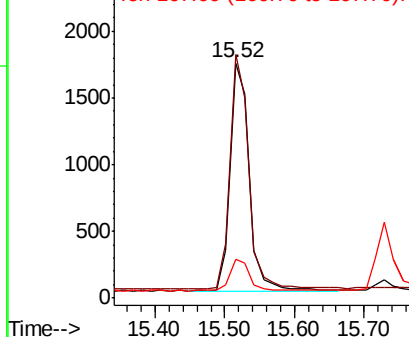


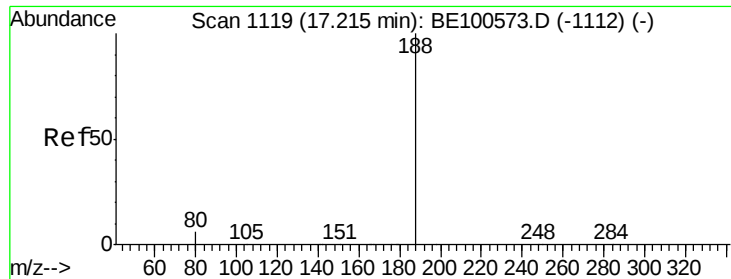
#18
Fluorene
Concen: 0.101 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:166 Resp: 3258
Ion Ratio Lower Upper
166 100
165 100.2 78.0 117.0
167 14.3 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: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

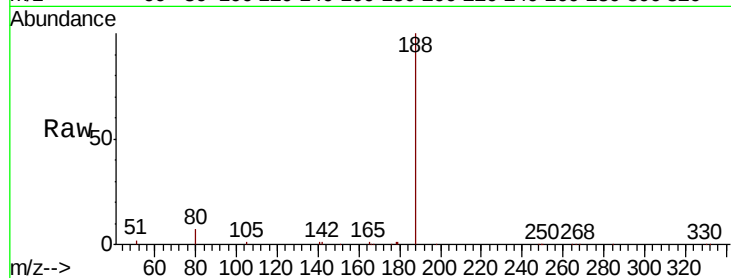
Tot Ion:188 Resp: 23000

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

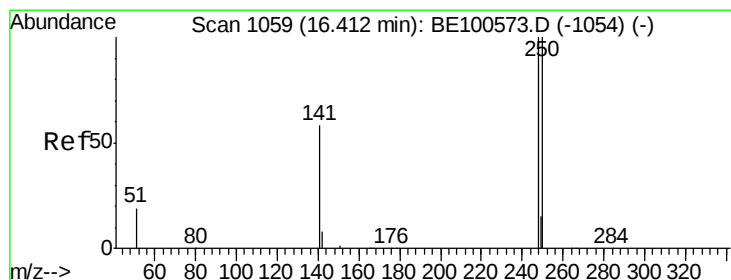
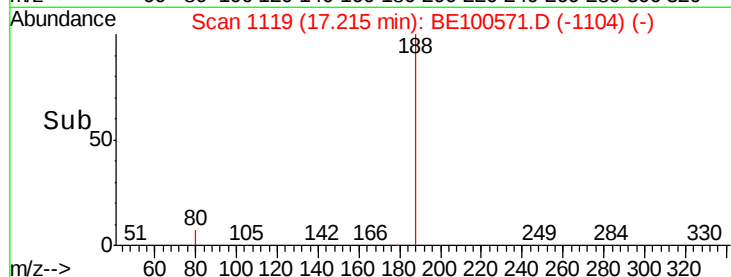
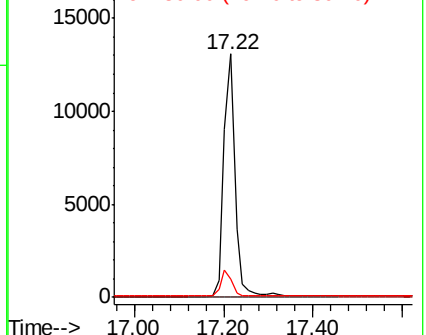
80 7.3 5.6 8.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.092 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

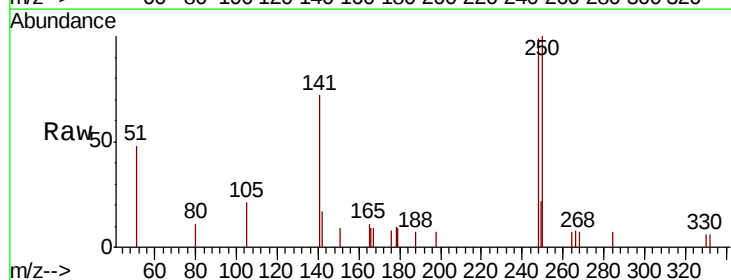
Tgt Ion:248 Resp: 996

Ion Ratio Lower Upper

248 100

250 101.2 79.9 119.9

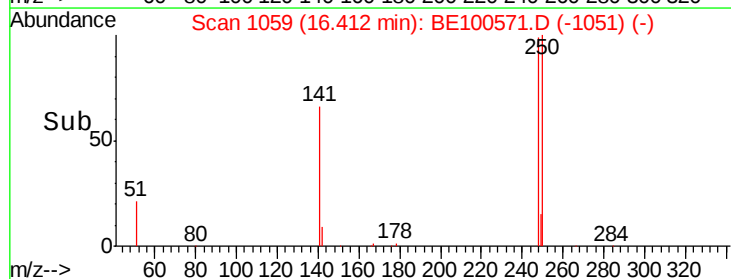
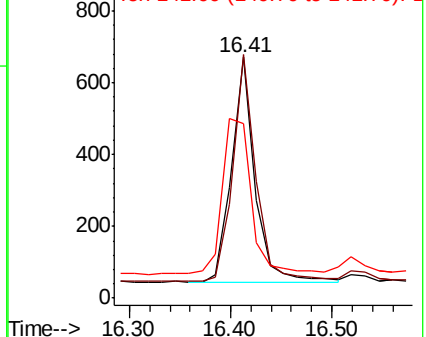
141 72.4 47.7 71.5#

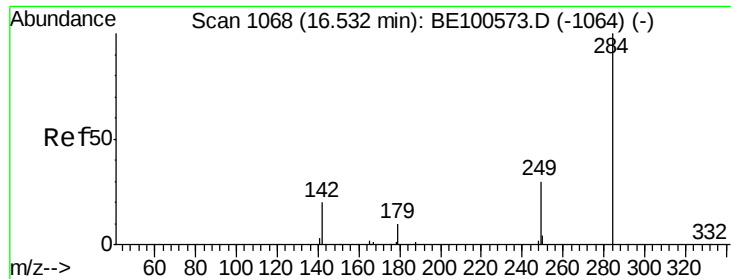


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.091 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

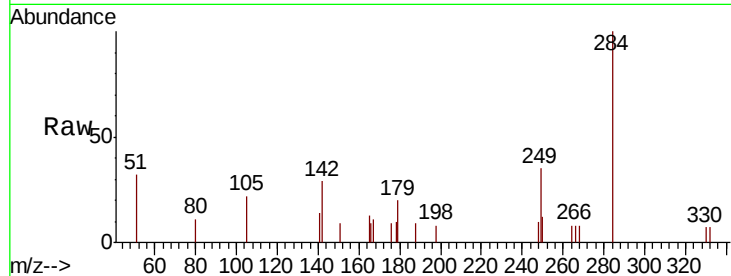
Tot Ion:284 Resp: 856

Ion Ratio Lower Upper

284 100

142 46.0 37.0 55.4

249 32.8 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

16.53

600

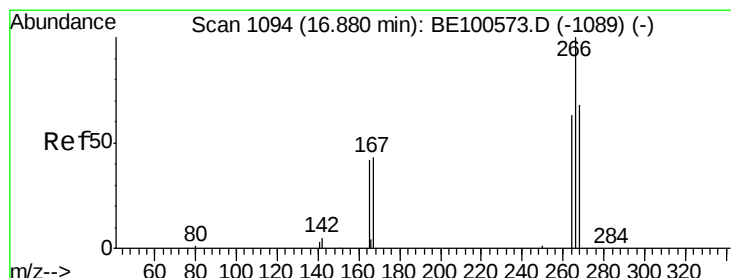
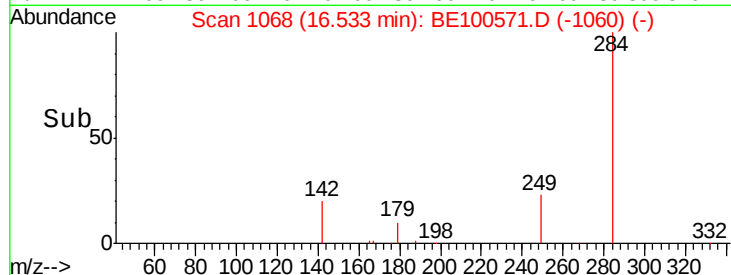
400

200

0

16.45 16.50 16.55 16.60

Time-->



#22

Pentachlorophenol

Concen: 0.077 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.03 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

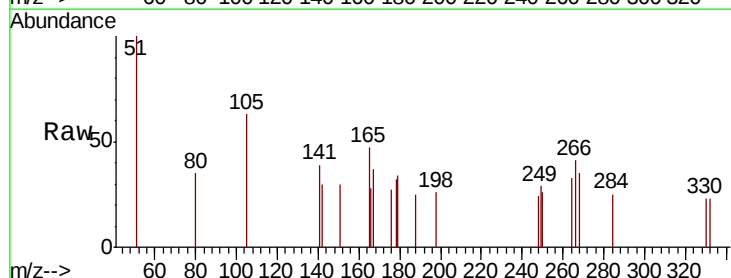
Tgt Ion:266 Resp: 166

Ion Ratio Lower Upper

266 100

264 80.2 53.5 80.3

268 85.2 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

16.91

100

80

60

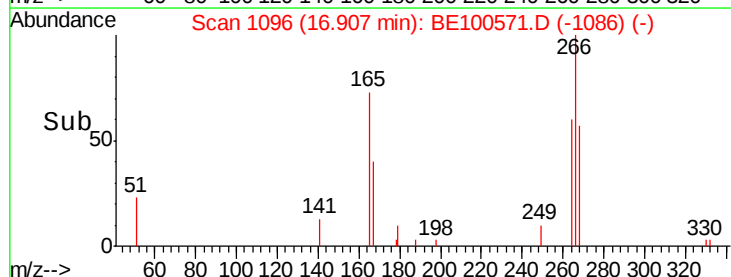
40

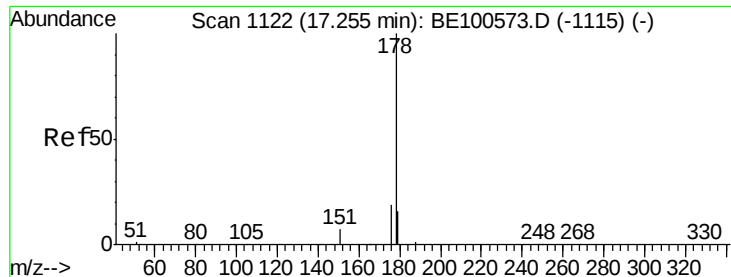
20

0

16.80 16.90 17.00

Time-->





#23

Phenanthrene

Concen: 0.097 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampled :

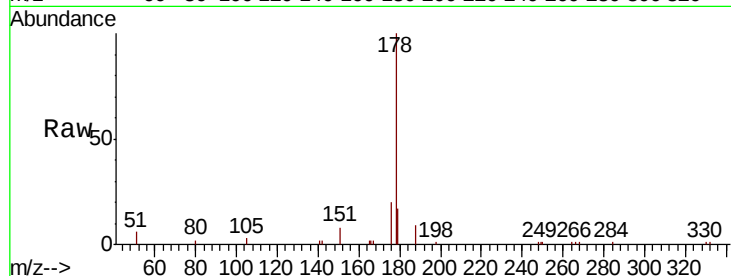
Tot Ion:178 Resp: 6192

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

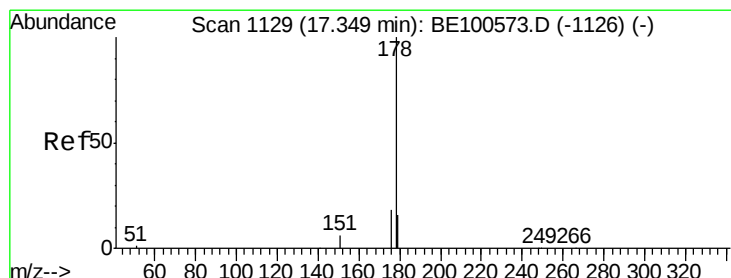
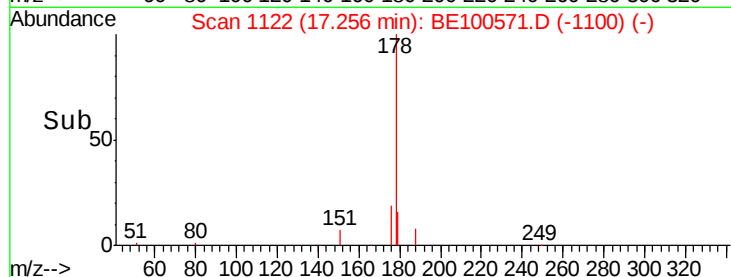
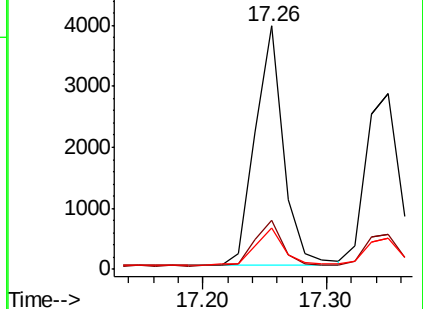
179 15.9 12.4 18.6



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: 0.099 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

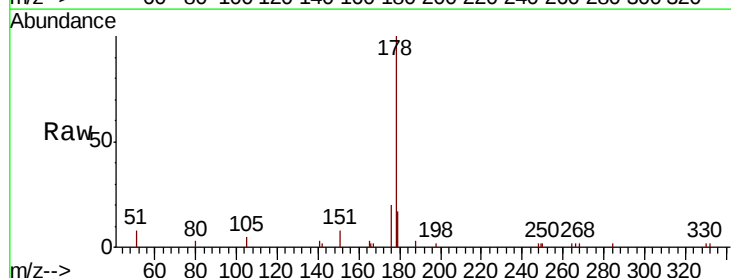
Tgt Ion:178 Resp: 5341

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

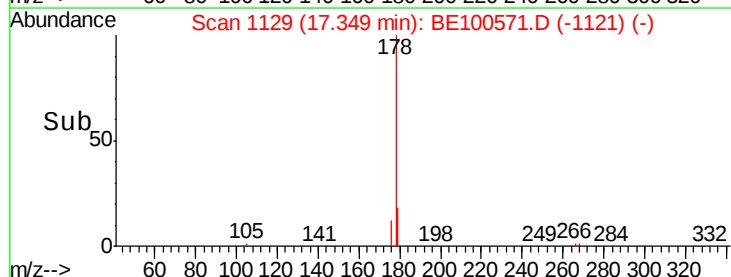
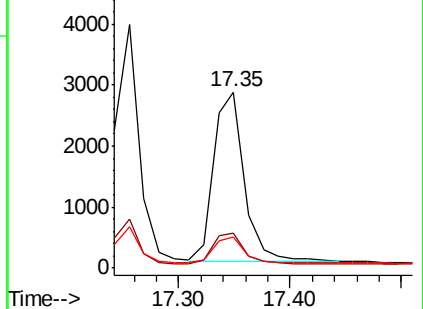
179 15.1 12.3 18.5

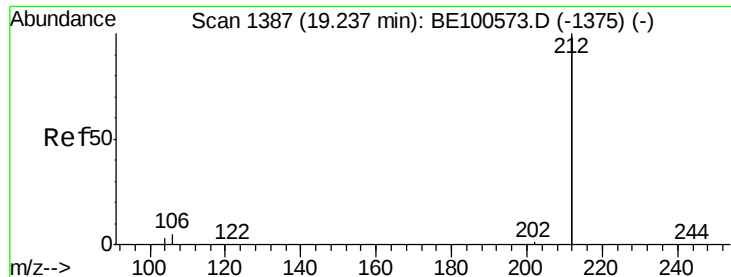


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.104 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

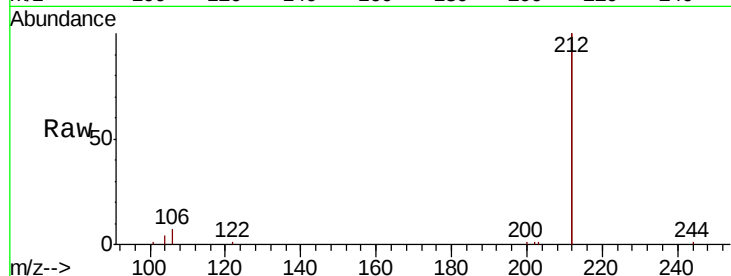
Tot Ion:212 Resp: 28321

Ion Ratio Lower Upper

212 100

106 3.0 2.5 3.7

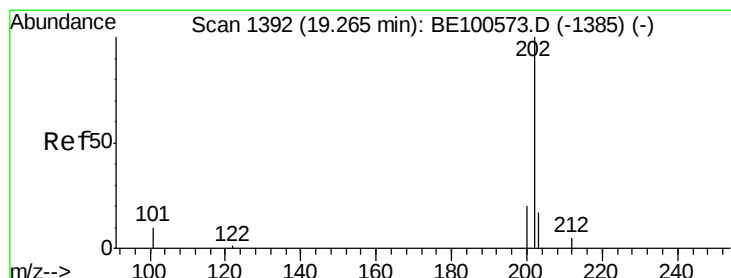
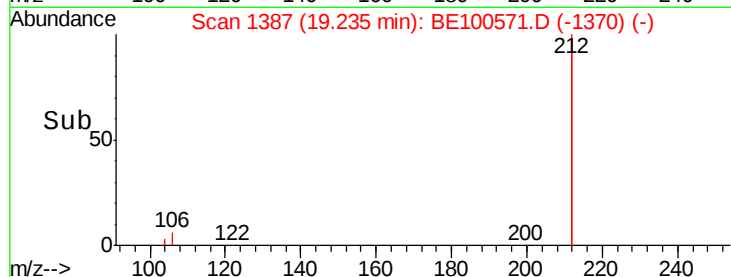
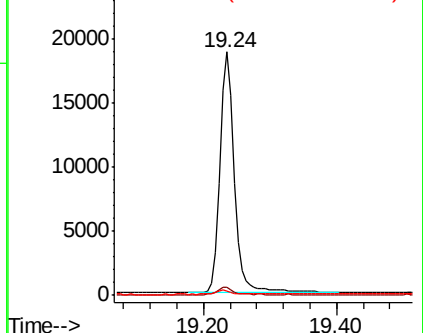
104 1.8 1.4 2.0



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: 0.100 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

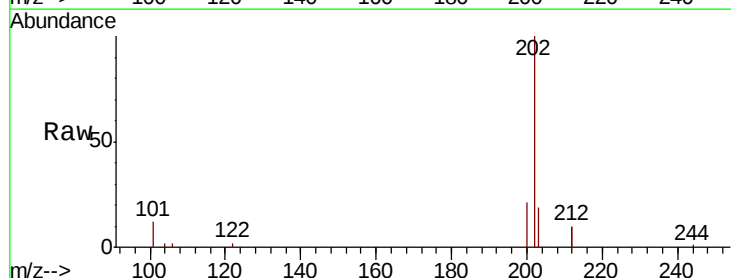
Tgt Ion:202 Resp: 7750

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

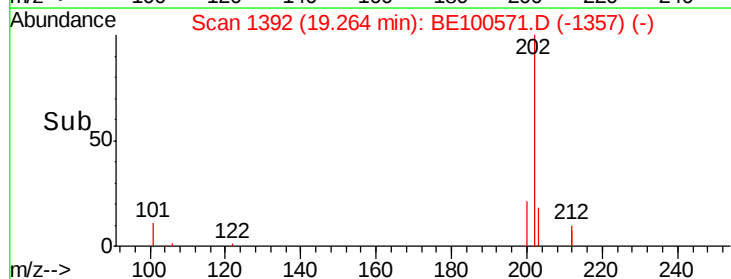
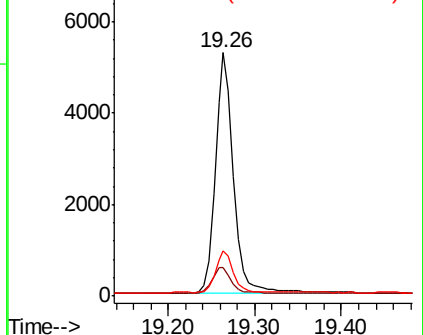
203 17.3 13.6 20.4

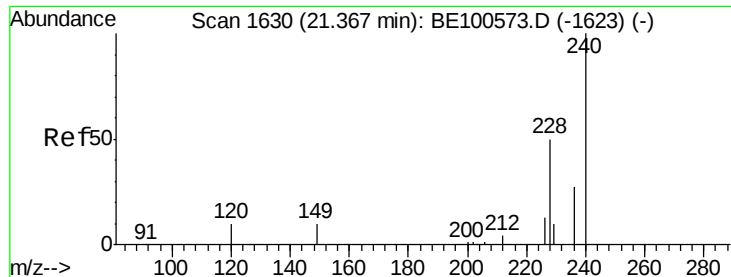


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

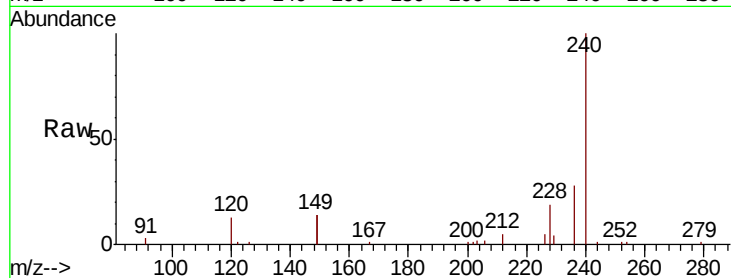
Tot Ion:240 Resp: 27260

Ion Ratio Lower Upper

240 100

120 13.4 8.7 13.1#

236 27.7 21.8 32.8

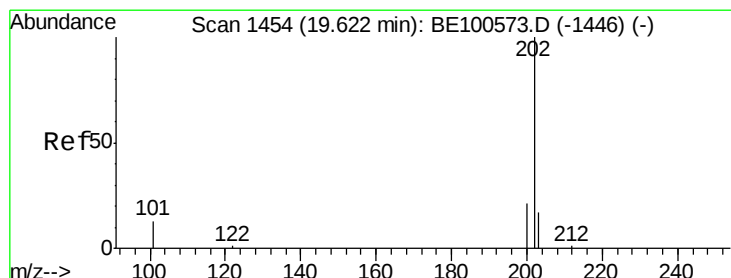
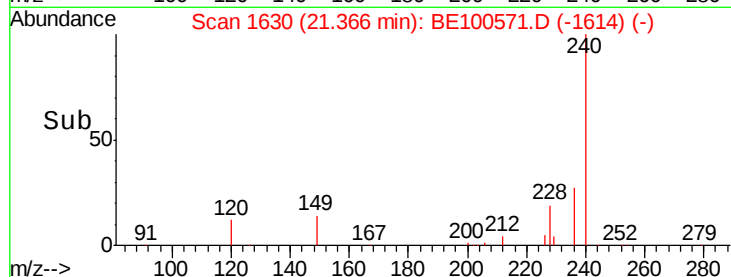
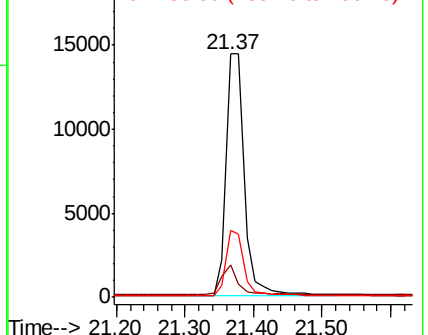


Abundance

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: 0.102 ng

RT: 19.63 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

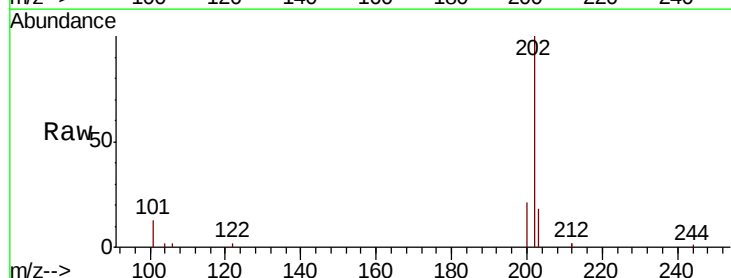
Tgt Ion:202 Resp: 8039

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 17.3 14.2 21.2

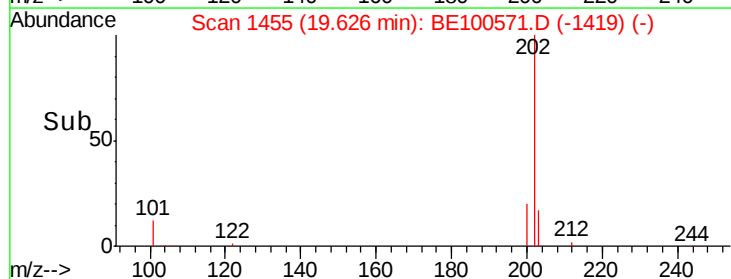
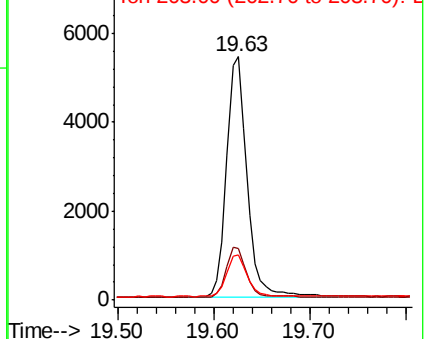


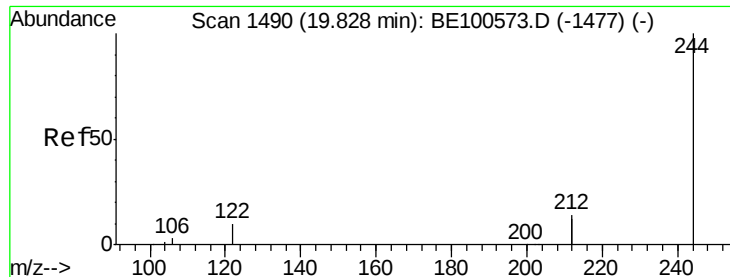
Abundance

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: 0.099 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampled :

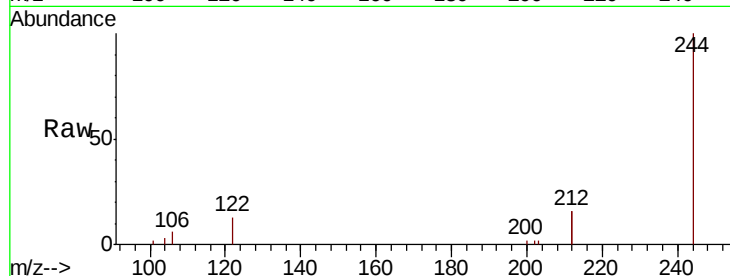
Tot Ion:244 Resp: 6417

Ion Ratio Lower Upper

244 100

212 31.9 21.8 32.8

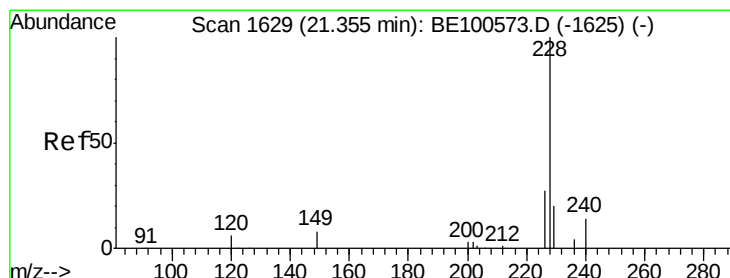
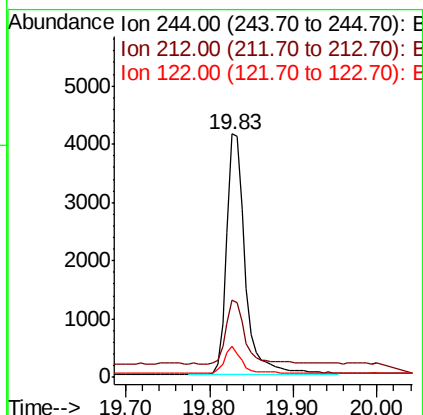
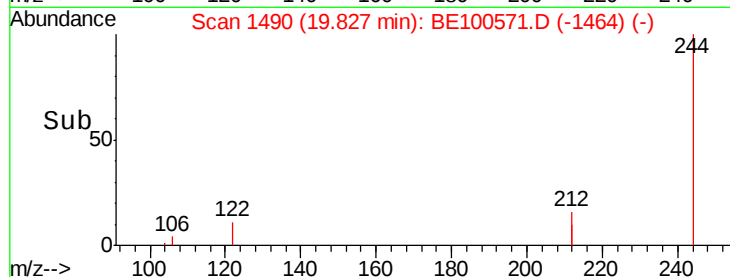
122 12.5 8.2 12.4#



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: 0.108 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

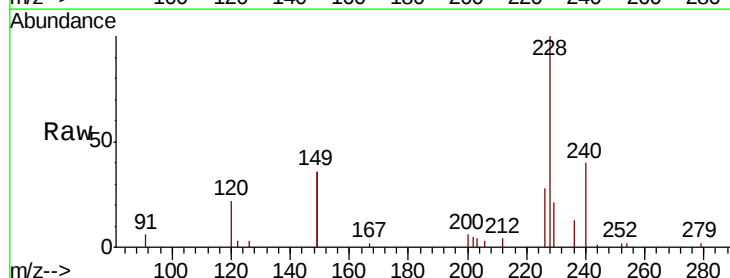
Tgt Ion:228 Resp: 7880

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

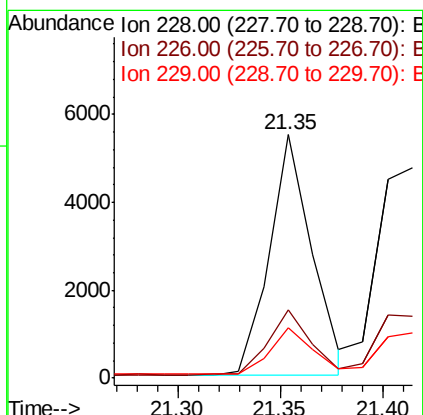
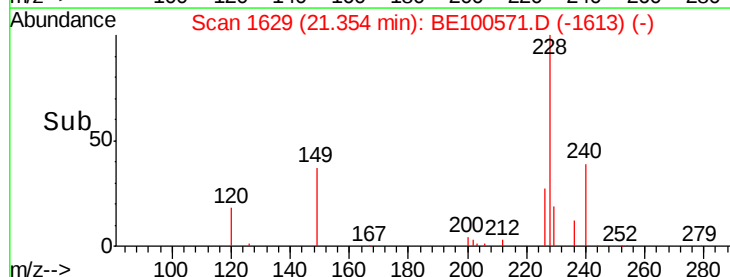
229 20.7 16.1 24.1

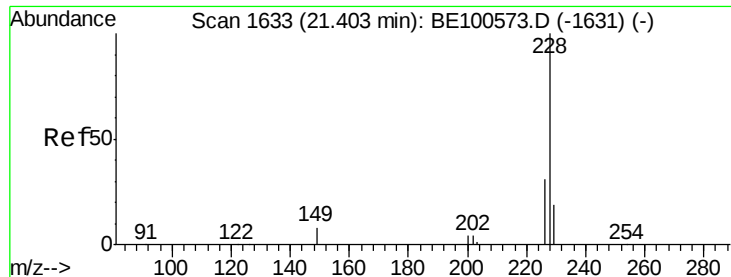


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.099 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

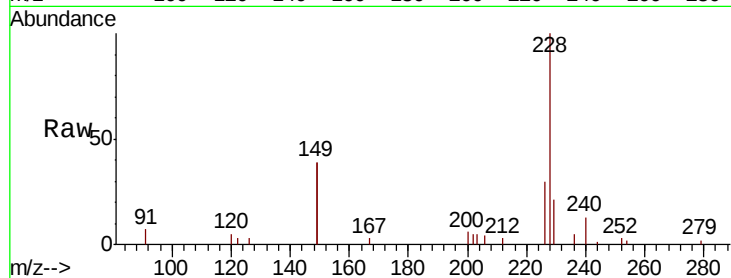
Tot Ion:228 Resp: 8191

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

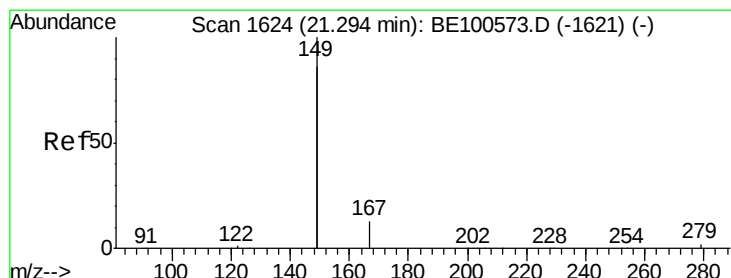
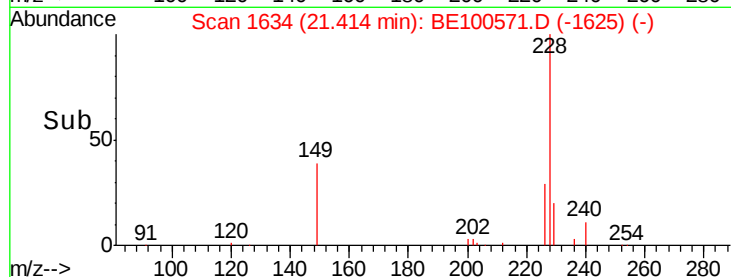
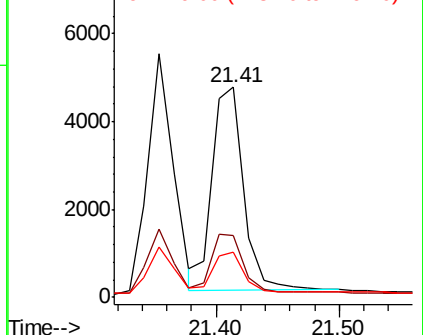
229 21.4 15.6 23.4



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: 0.384 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

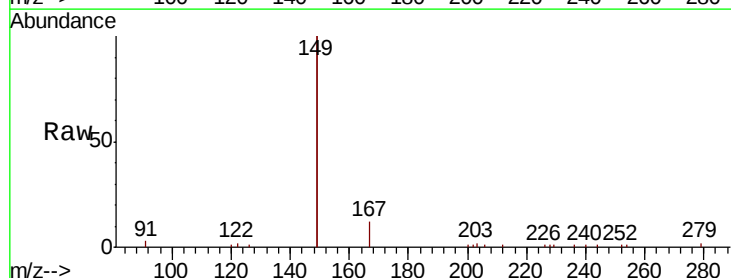
Tgt Ion:149 Resp: 30110

Ion Ratio Lower Upper

149 100

167 5.7 5.0 7.6

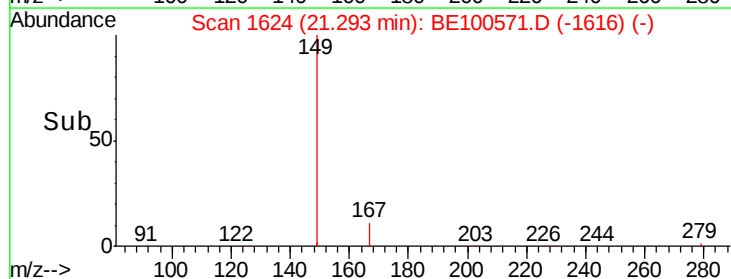
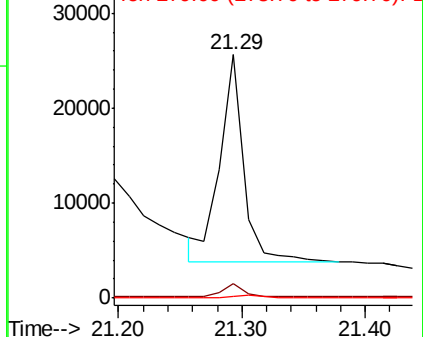
279 1.0 0.8 1.2

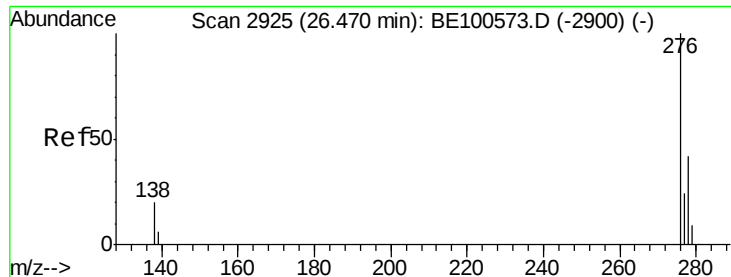


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

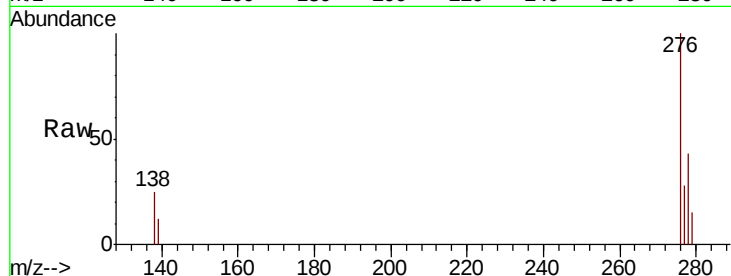




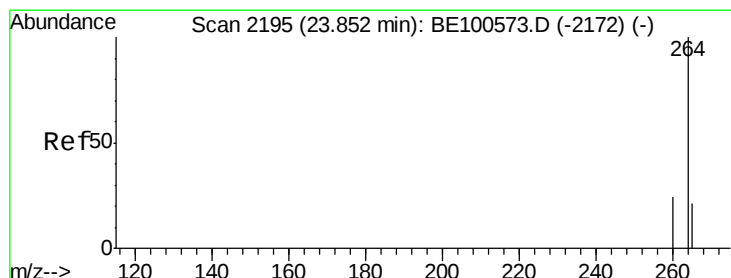
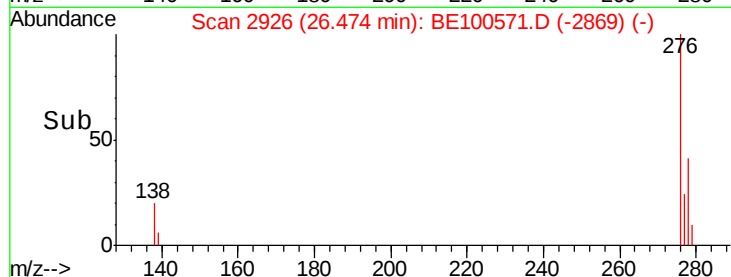
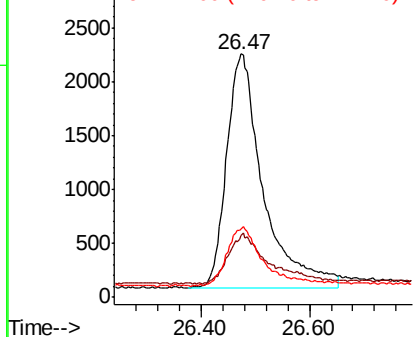
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng
RT: 26.47 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 10252
Ion Ratio Lower Upper
276 100
138 21.3 18.6 27.8
277 23.2 19.4 29.2

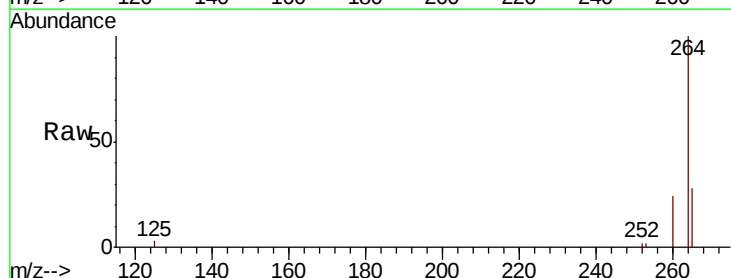


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

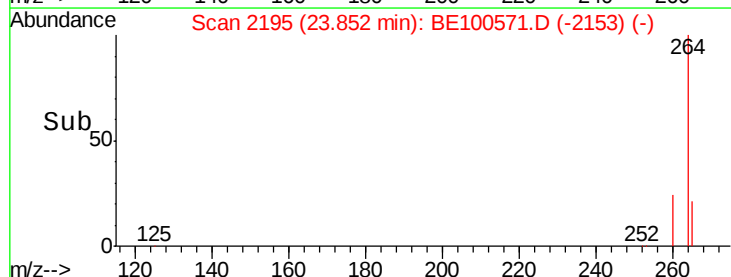
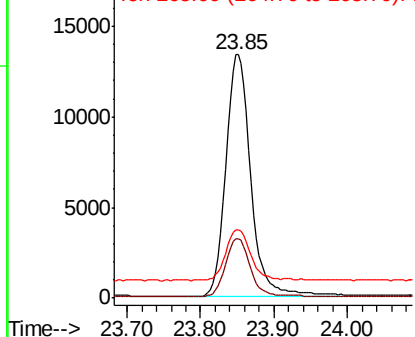


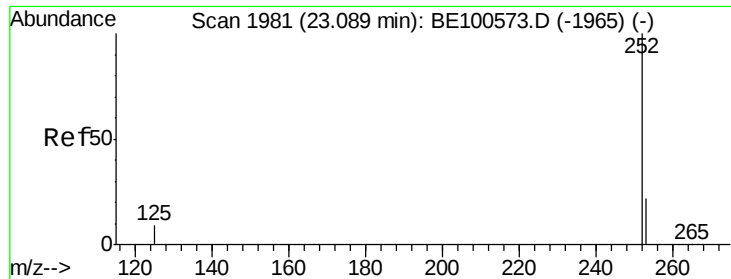
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:264 Resp: 32047
Ion Ratio Lower Upper
264 100
260 24.4 19.7 29.5
265 28.3 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

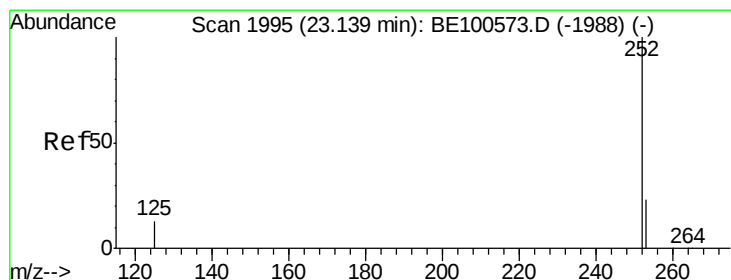
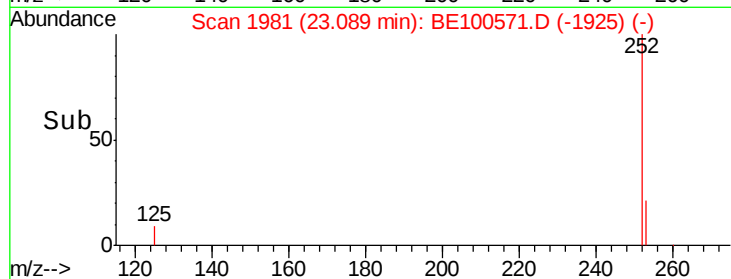
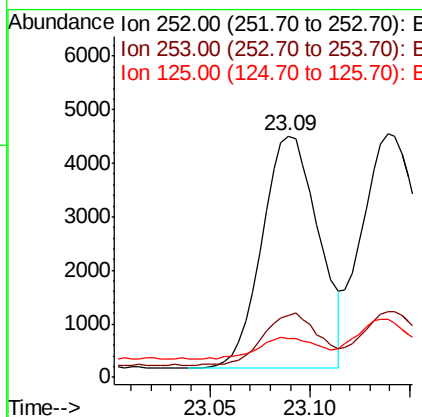
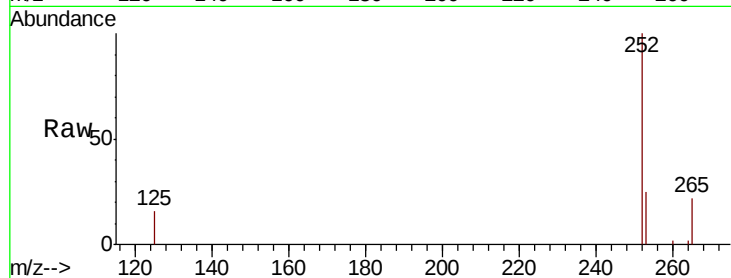




#35
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

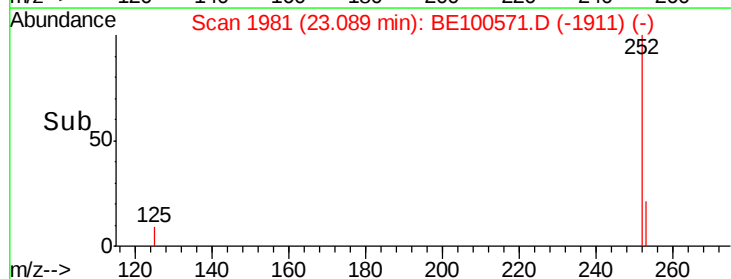
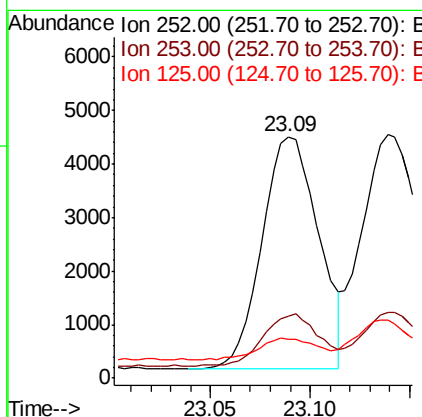
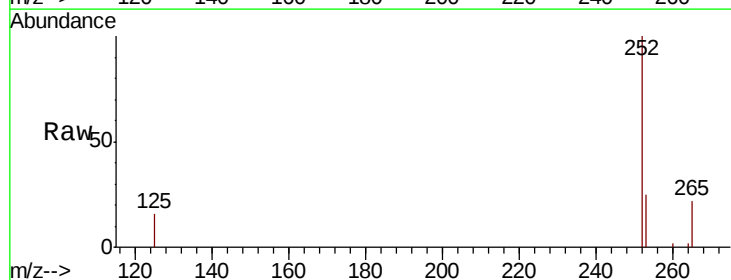
Instrument :
BNA_E
ClientSampleId :

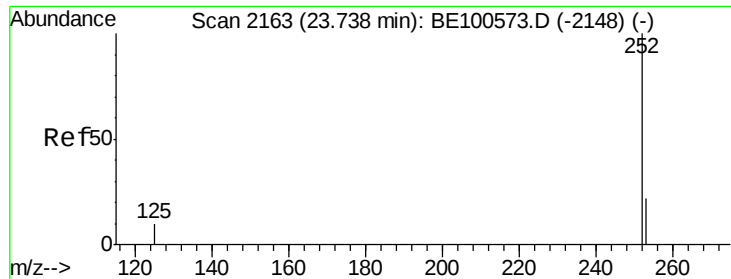
Tot Ion:252 Resp: 8503
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 16.3 8.7 13.1#



#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.05 min
Lab File: BE100571.D
Acq: 27 Sep 2019 14:06

Tgt Ion:252 Resp: 8503
Ion Ratio Lower Upper
252 100
253 25.5 18.6 28.0
125 16.3 11.4 17.2





#37

Benzo(a)pyrene

Concen: 0.102 ng

RT: 23.74 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

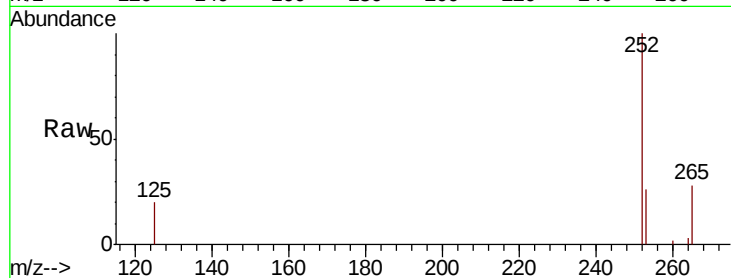
Tot Ion:252 Resp: 8251

Ion Ratio Lower Upper

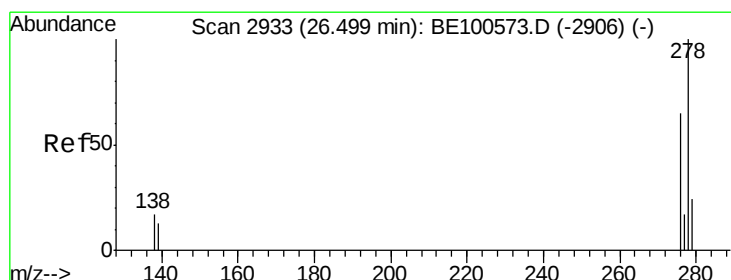
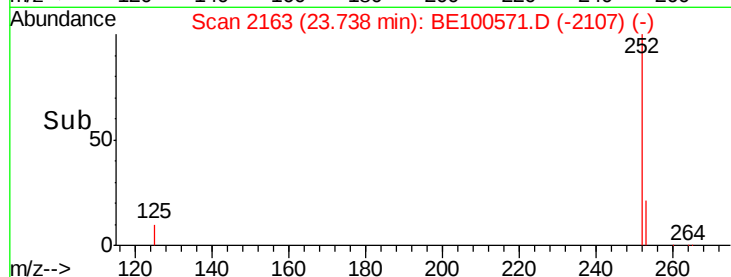
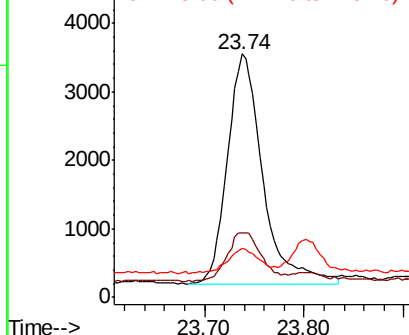
252 100

253 26.4 18.2 27.4

125 19.9 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: 0.091 ng

RT: 26.50 min Scan# 2934

Delta R.T. 0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

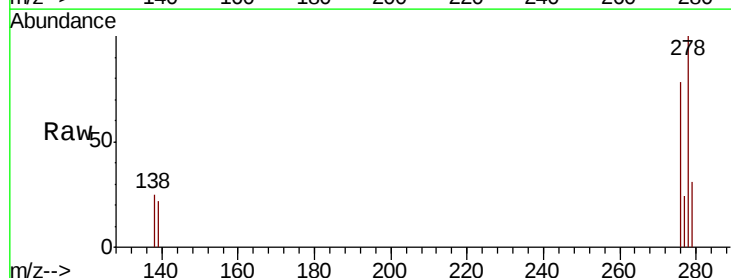
Tgt Ion:278 Resp: 7673

Ion Ratio Lower Upper

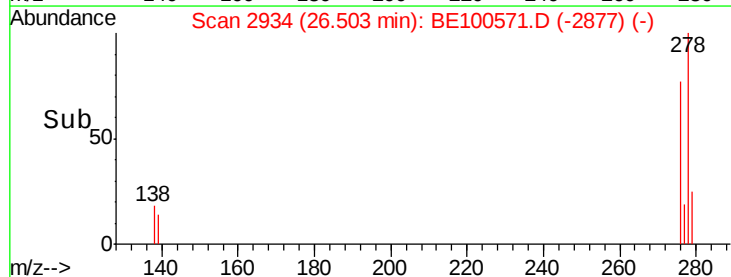
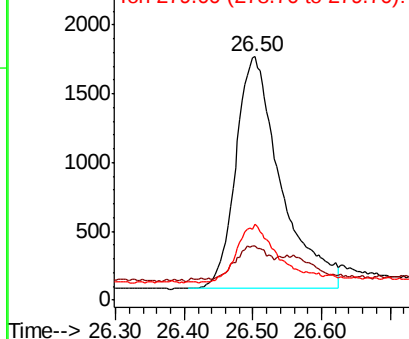
278 100

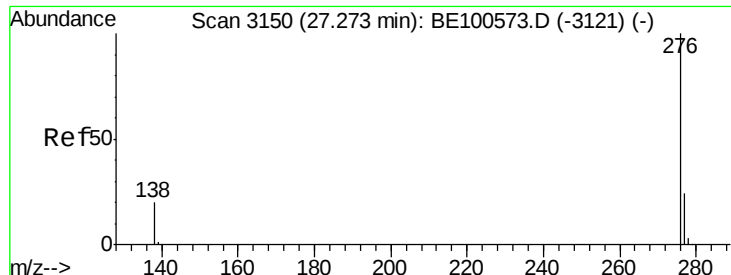
139 22.1 11.7 17.5#

279 31.2 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: 0.099 ng

RT: 27.27 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BE100571.D

Acq: 27 Sep 2019 14:06

Instrument :

BNA_E

ClientSampleId :

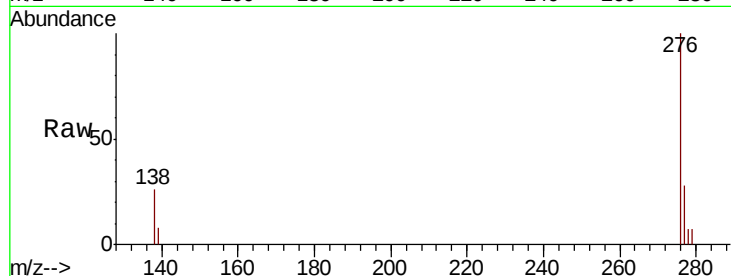
Tot Ion: 276 Resp: 8711

Ion Ratio Lower Upper

276 100

277 28.1 19.7 29.5

138 25.8 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

