

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
 Data File : BE101001.D
 Acq On : 8 Jan 2020 13:24
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 08 18:22:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:14:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3373	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	15512	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	9440	0.40	ng	0.01
19) Phenanthrene-d10	17.09	188	21652	0.40	ng	0.00
27) Chrysene-d12	21.28	240	17384	0.40	ng	0.00
34) Perylene-d12	23.70	264	20364	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1001	0.18	ng	0.00
5) Phenol-d6	6.92	99	999	0.12	ng	0.00
8) Nitrobenzene-d5	8.87	82	1019	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	3089	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	233	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	3589	0.11	ng	0.00
25) Fluoranthene-d10	19.13	212	27760	0.11	ng	0.00
29) Terphenyl-d14	19.74	244	4274	0.11	ng	0.00

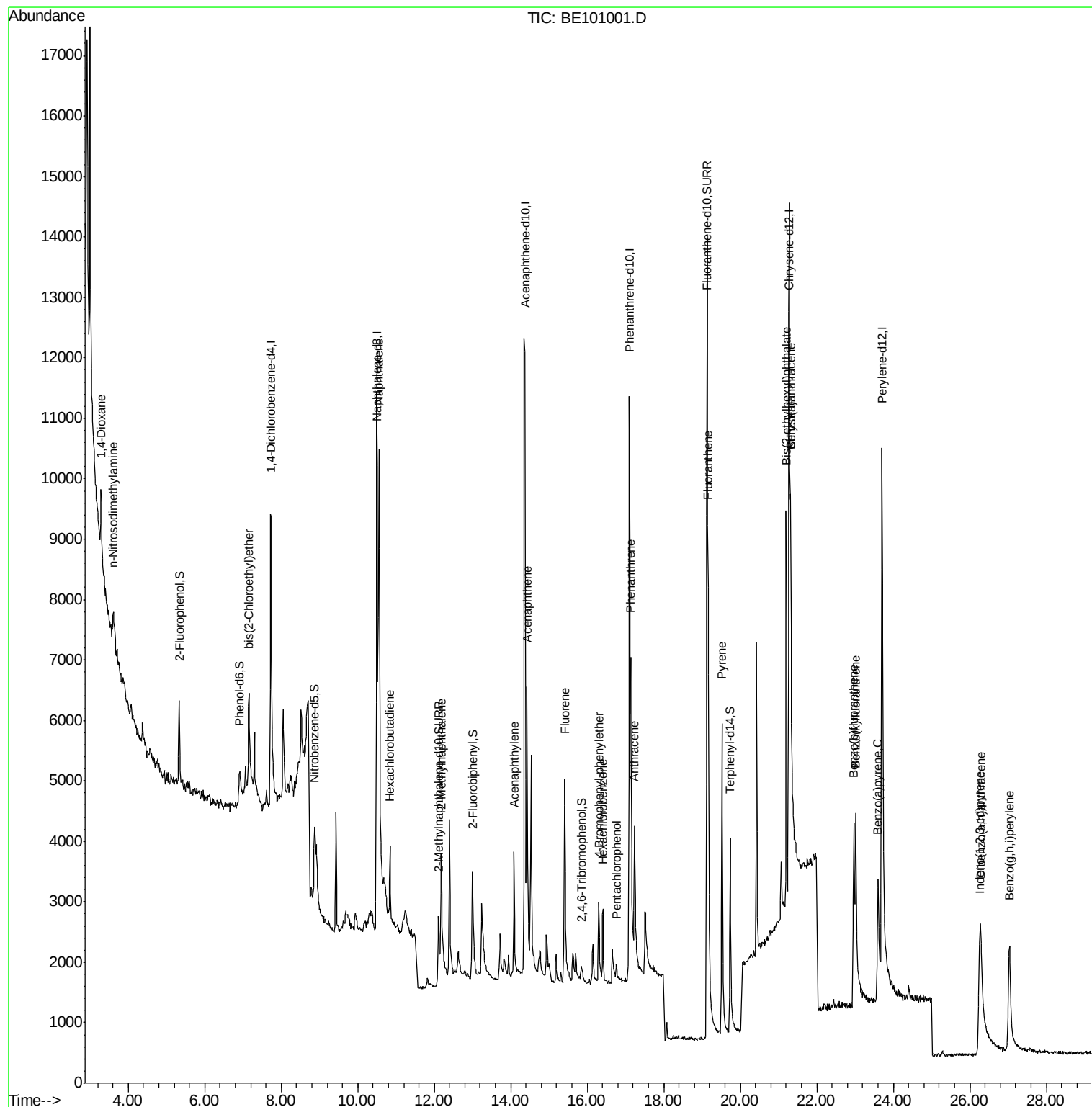
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1473	0.124	ng	# 82
3) n-Nitrosodimethylamine	3.61	42	627	0.225	ng	# 84
6) bis(2-Chloroethyl)ether	7.16	93	1227	0.101	ng	98
9) Naphthalene	10.55	128	16860	0.102	ng	# 98
10) Hexachlorobutadiene	10.85	225	783	0.107	ng	99
12) 2-Methylnaphthalene	12.18	142	2481	0.099	ng	98
16) Acenaphthylene	14.08	152	3402	0.096	ng	97
17) Acenaphthene	14.43	154	2692	0.105	ng	100
18) Fluorene	15.41	166	3366	0.105	ng	99
20) 4-Bromophenyl-phenylether	16.31	248	1018	0.107	ng	98
21) Hexachlorobenzene	16.41	284	1126	0.100	ng	97
22) Pentachlorophenol	16.76	266	276	0.165	ng	94
23) Phenanthrene	17.14	178	5752	0.103	ng	98
24) Anthracene	17.23	178	5092	0.090	ng	99
26) Fluoranthene	19.16	202	6692	0.088	ng	98
28) Pyrene	19.52	202	6793	0.112	ng	100
30) Benzo(a)anthracene	21.32	228	6348	0.149	ng	95
31) Chrysene	21.32	228	8070	0.102	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	8490	0.091	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.25	276	5965	0.100	ng	# 82
35) Benzo(b)fluoranthene	22.96	252	4695	0.110	ng	# 89
36) Benzo(k)fluoranthene	23.01	252	6279	0.077	ng	# 86
37) Benzo(a)pyrene	23.60	252	4957	0.099	ng	# 80
38) Dibenzo(a,h)anthracene	26.28	278	3902	0.086	ng	# 86
39) Benzo(g,h,i)perylene	27.03	276	5462	0.102	ng	# 90

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

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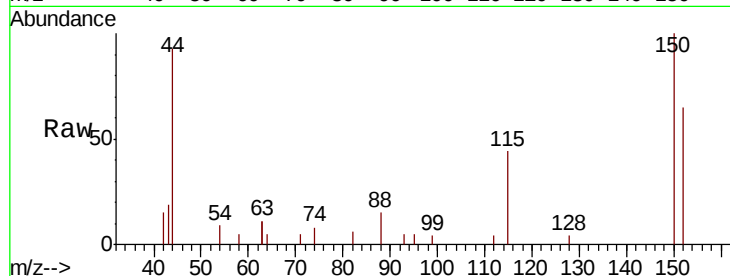


#1

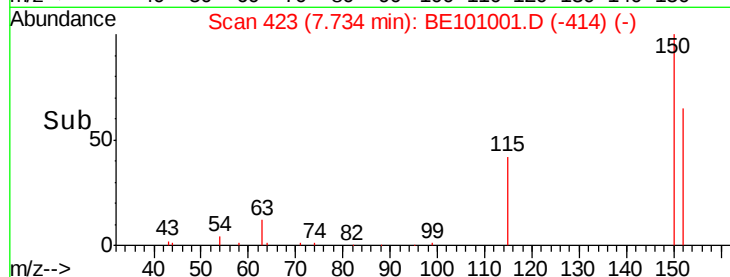
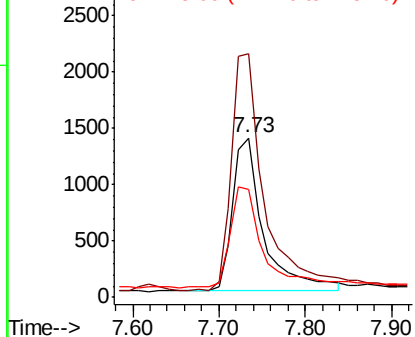
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. -0.00 min
Lab File: BE101001.D
Acq: 8 Jan 2020 13:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3373
Ion Ratio Lower Upper
152 100
150 153.0 120.3 180.5
115 67.7 51.7 77.5



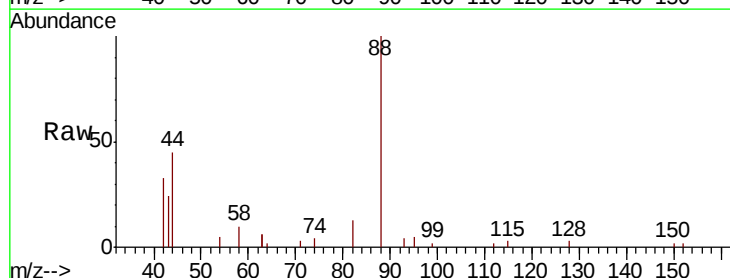
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



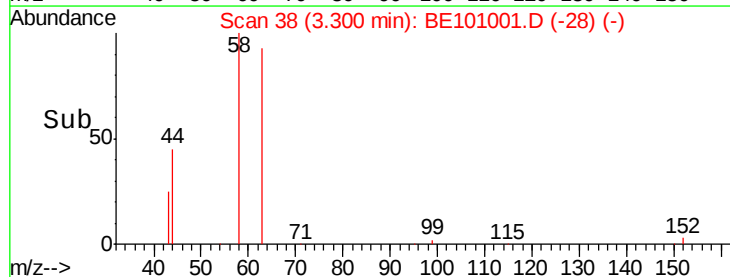
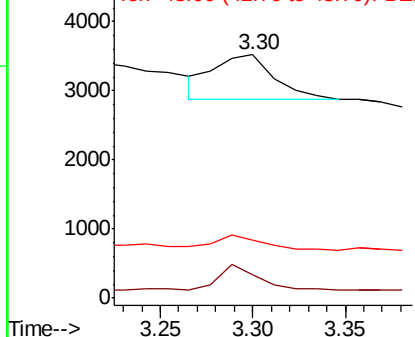
#2

1,4-Dioxane
Concen: 0.124 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.01 min
Lab File: BE101001.D
Acq: 8 Jan 2020 13:24

Tgt Ion: 88 Resp: 1473
Ion Ratio Lower Upper
88 100
58 45.7 53.0 79.4#
43 29.0 23.4 35.2



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



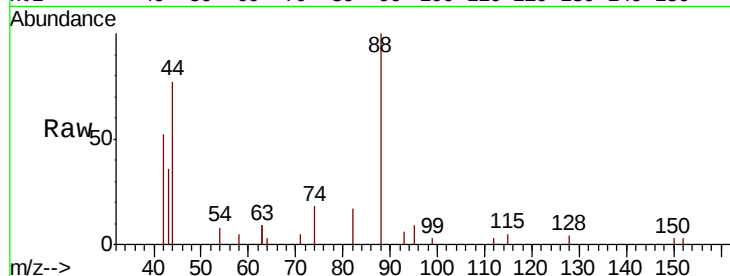


#3

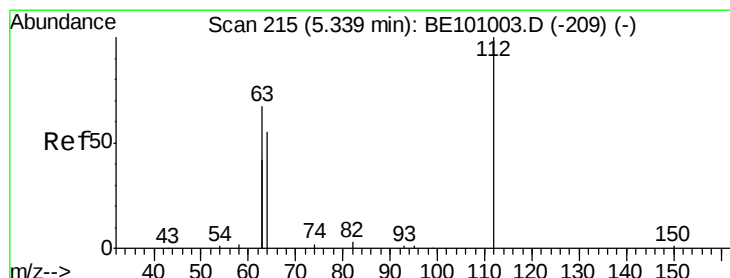
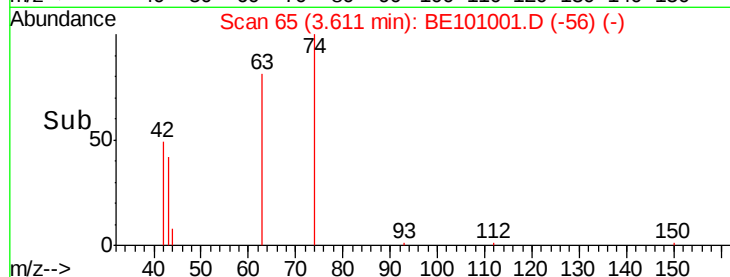
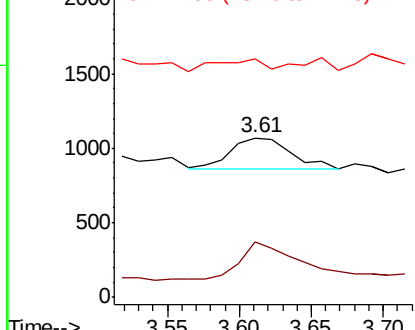
n-Nitrosodimethylamine
 Concen: 0.225 ng
 RT: 3.61 min Scan# 65
 Delta R.T. -0.00 min
 Lab File: BE101001.D
 Acq: 8 Jan 2020 13:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 627
 Ion Ratio Lower Upper
 42 100
 74 117.4 105.7 158.5
 44 31.6 10.0 15.0#



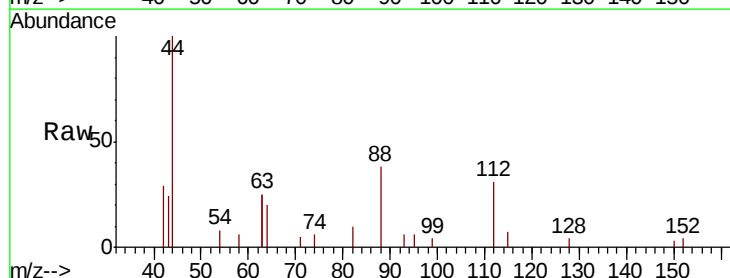
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



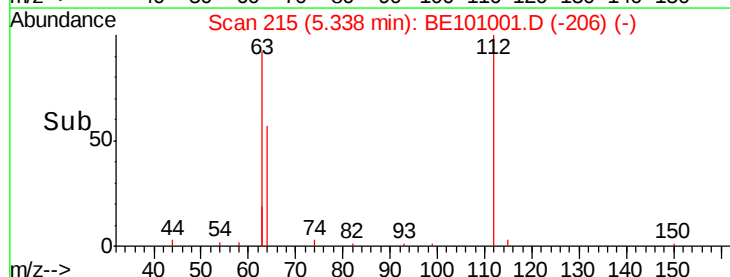
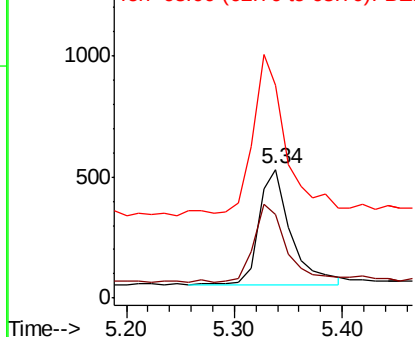
#4

2-Fluorophenol
 Concen: 0.176 ng
 RT: 5.34 min Scan# 215
 Delta R.T. -0.00 min
 Lab File: BE101001.D
 Acq: 8 Jan 2020 13:24

Tgt Ion: 112 Resp: 1001
 Ion Ratio Lower Upper
 112 100
 64 69.1 53.6 80.4
 63 129.5 114.6 172.0



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: 0.125 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampled :

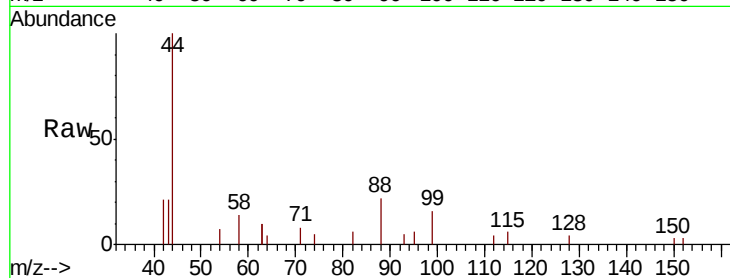
Tot Ion: 99 Resp: 999

Ion Ratio Lower Upper

99 100

42 25.6 18.3 27.5

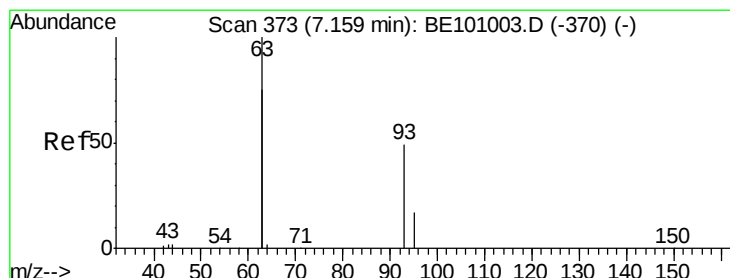
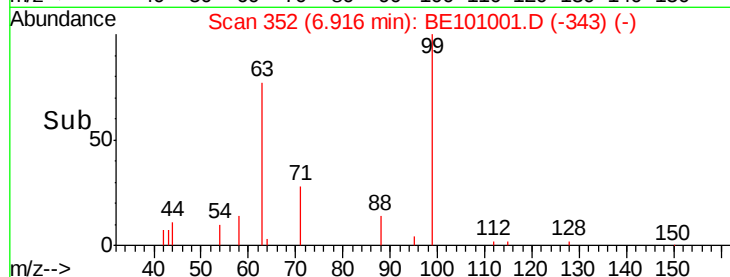
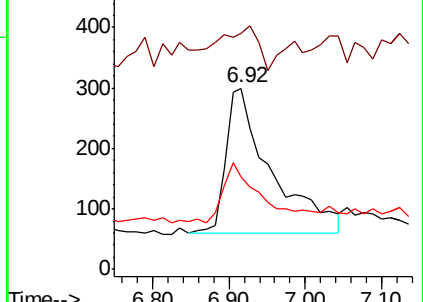
71 0.0 28.0 42.0#



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: 0.101 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

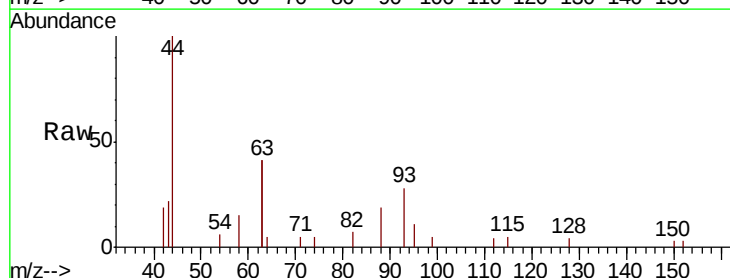
Tgt Ion: 93 Resp: 1227

Ion Ratio Lower Upper

93 100

63 288.8 233.9 350.9

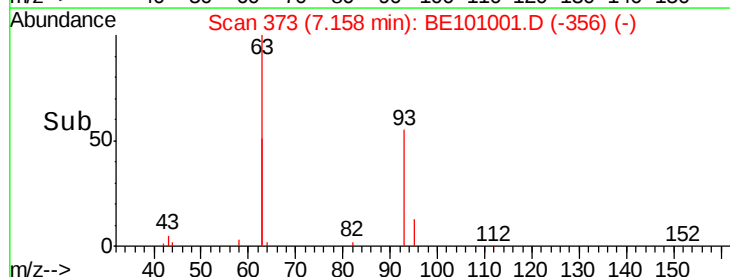
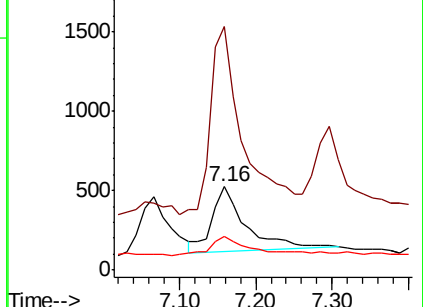
95 31.0 23.5 35.3



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: 10.51 min Scan# 643

Delta R.T. 0.01 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15512

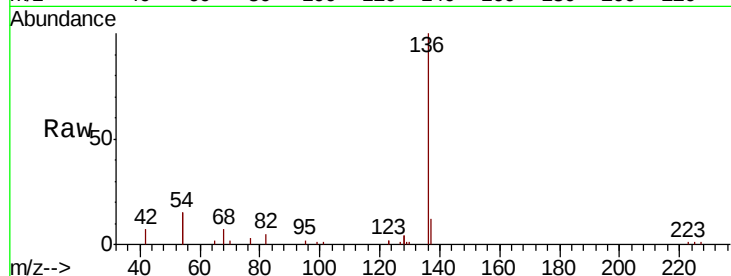
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 30.3 36.8 55.2#

68 7.0 8.4 12.6#

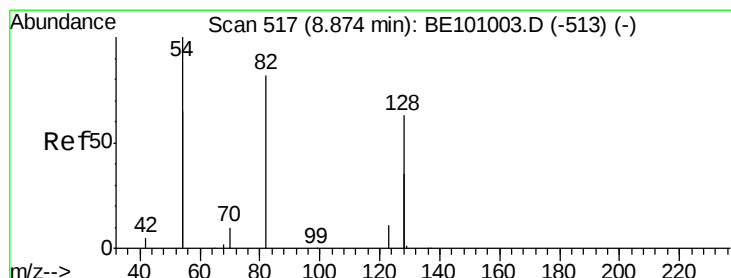
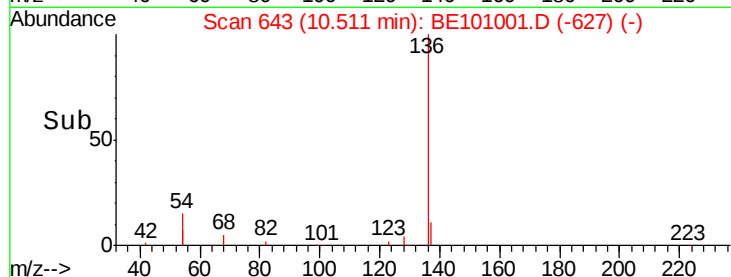
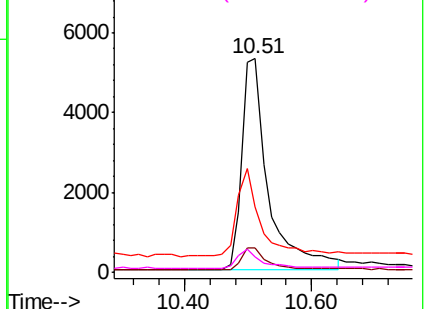


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.137 ng

RT: 8.87 min Scan# 517

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

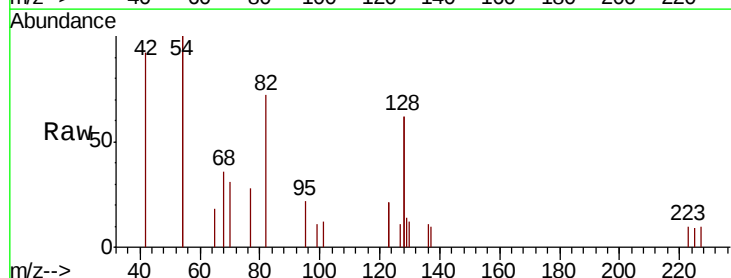
Tgt Ion: 82 Resp: 1019

Ion Ratio Lower Upper

82 100

128 171.1 109.8 164.6#

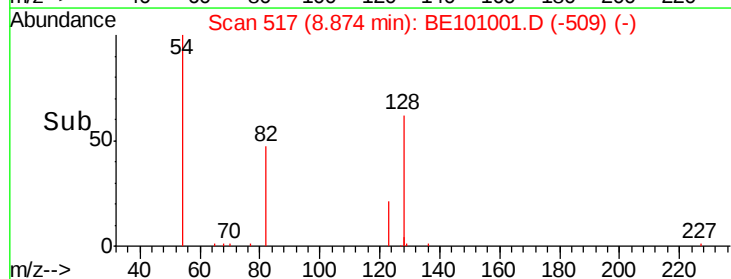
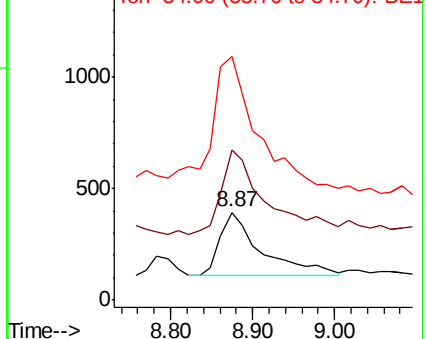
54 276.5 174.5 261.7#

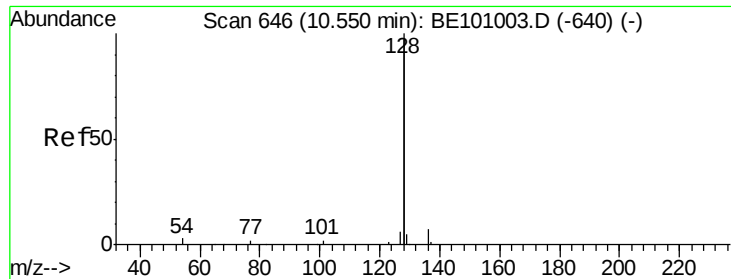


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.102 ng

RT: 10.55 min Scan# 646

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

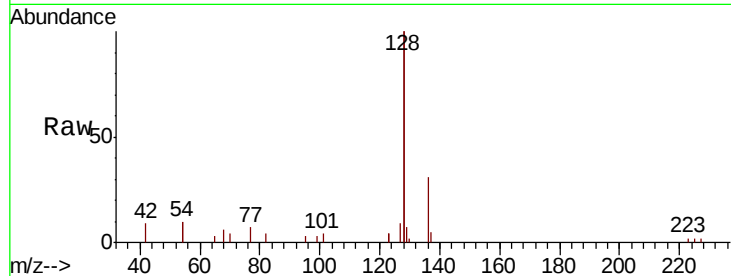
Tot Ion:128 Resp: 16860

Ion Ratio Lower Upper

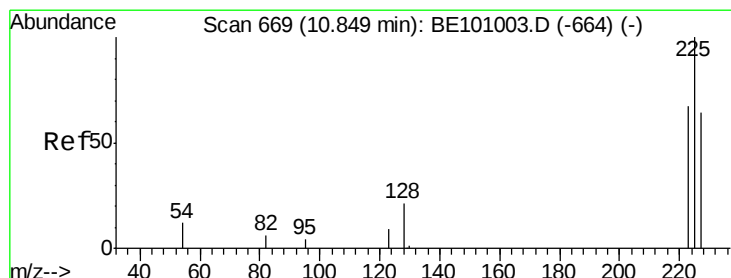
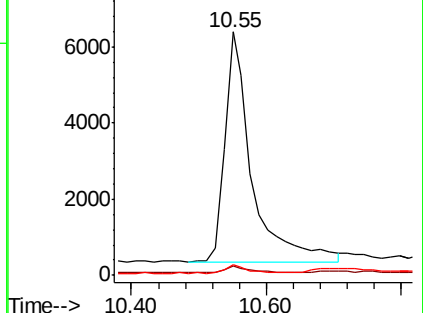
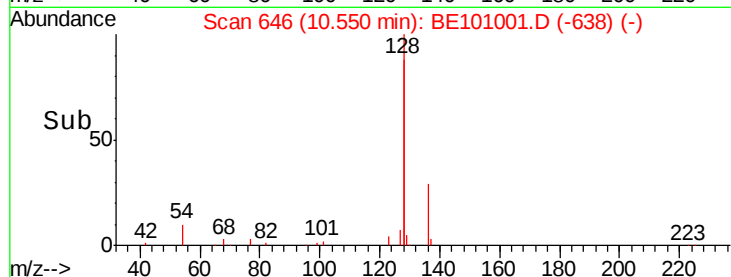
128 100

129 3.6 2.3 3.5#

127 4.3 2.7 4.1#



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: 0.107 ng

RT: 10.85 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

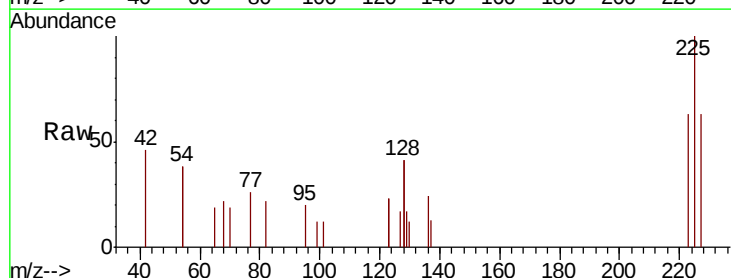
Tgt Ion:225 Resp: 783

Ion Ratio Lower Upper

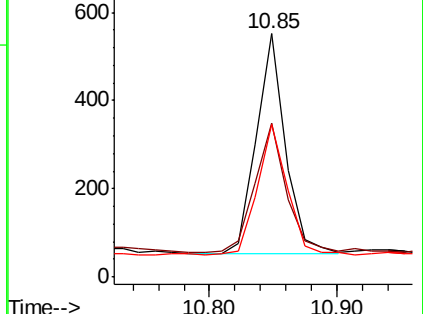
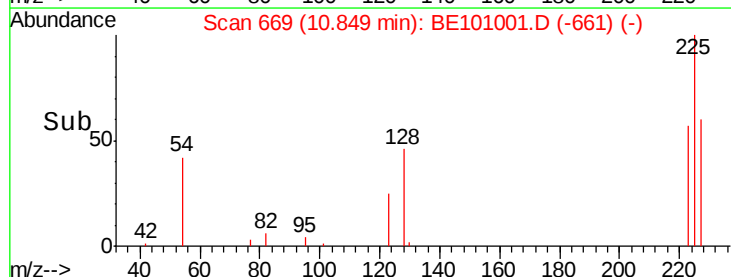
225 100

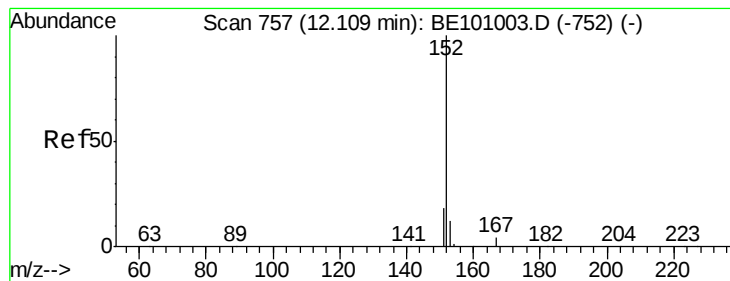
223 64.1 52.2 78.4

227 62.1 49.9 74.9



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: 0.136 ng

RT: 12.11 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

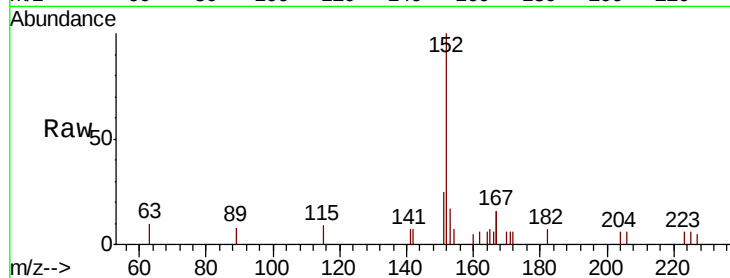
ClientSampleId :

Tot Ion:152 Resp: 3089

Ion Ratio Lower Upper

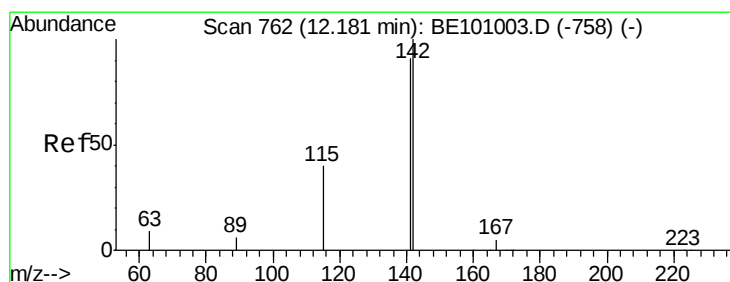
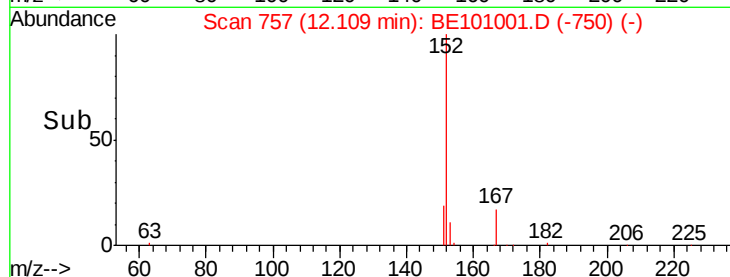
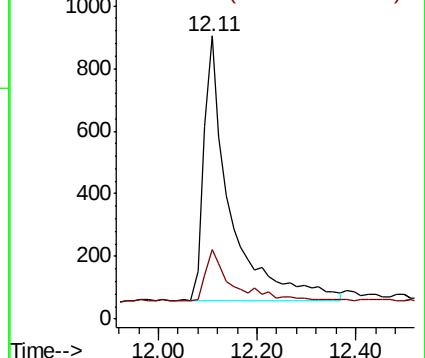
152 100

151 19.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.099 ng

RT: 12.18 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

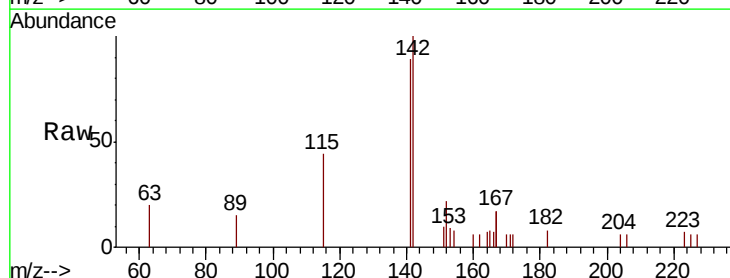
Tgt Ion:142 Resp: 2481

Ion Ratio Lower Upper

142 100

141 89.5 72.5 108.7

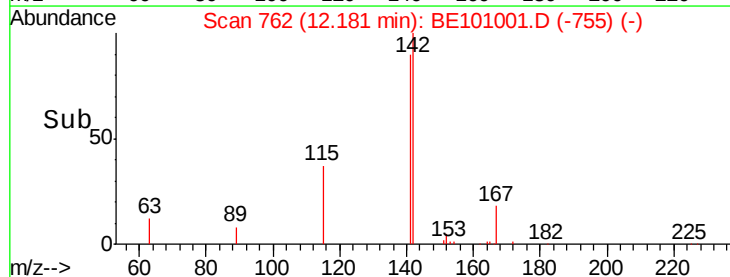
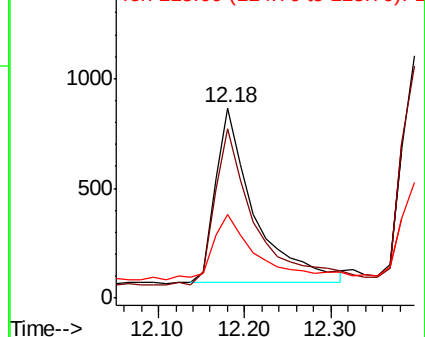
115 44.0 33.0 49.6

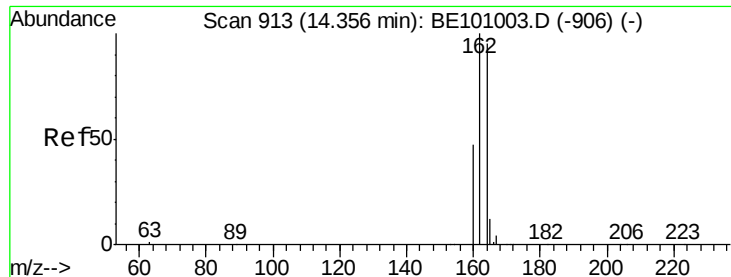


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

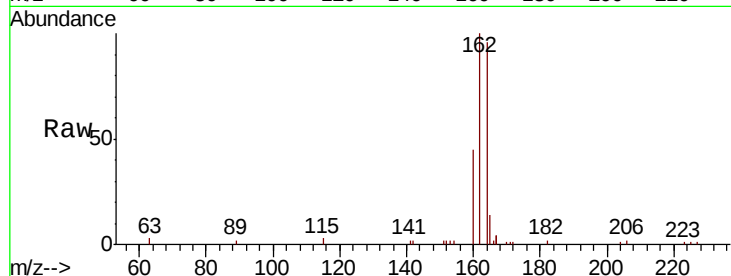




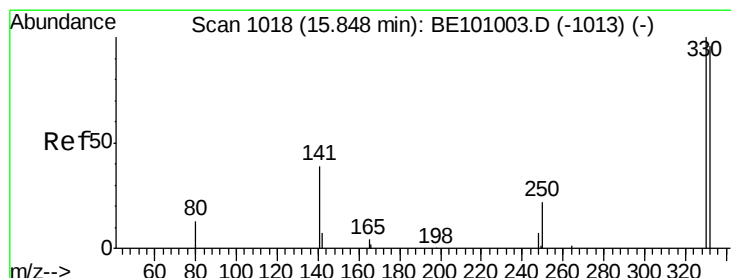
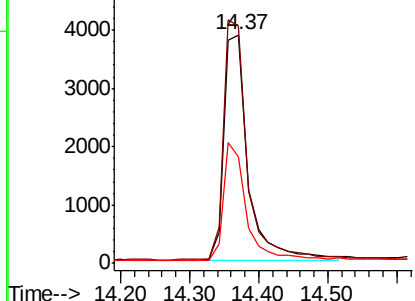
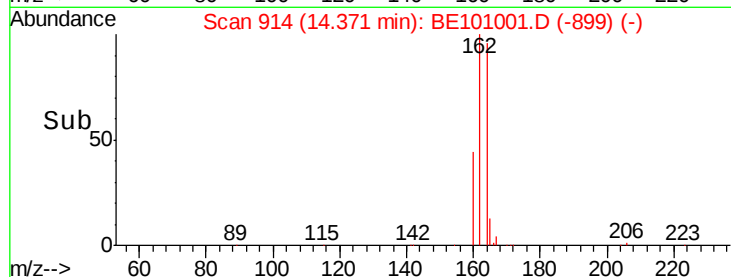
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BE101001.D
 Acq: 8 Jan 2020 13:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 9440
 Ion Ratio Lower Upper
 164 100
 162 103.9 84.1 126.1
 160 46.7 40.4 60.6

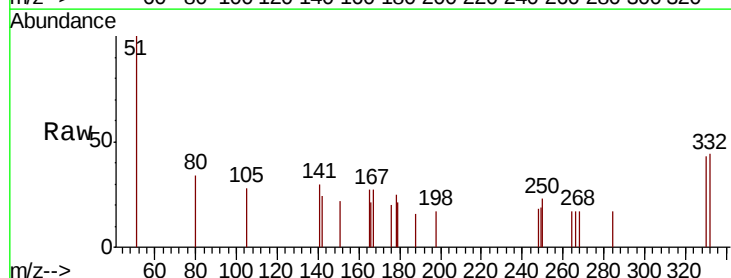


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

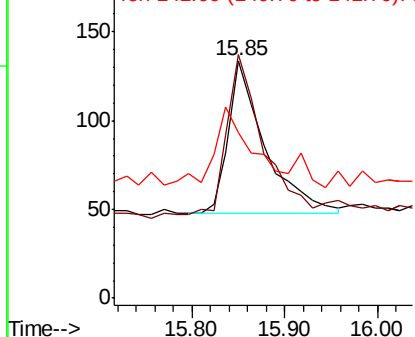
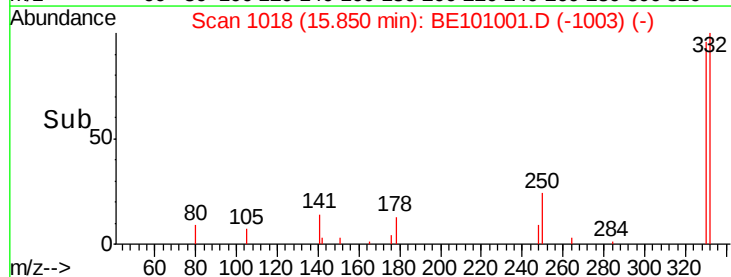


#14
 2,4,6-Tribromophenol
 Concen: 0.112 ng
 RT: 15.85 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE101001.D
 Acq: 8 Jan 2020 13:24

Tgt Ion:330 Resp: 233
 Ion Ratio Lower Upper
 330 100
 332 114.6 78.4 117.6
 141 47.2 37.0 55.4



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

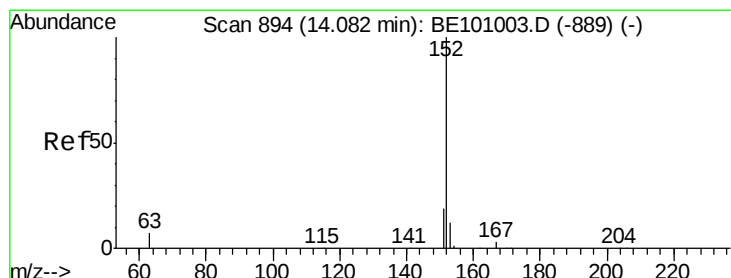
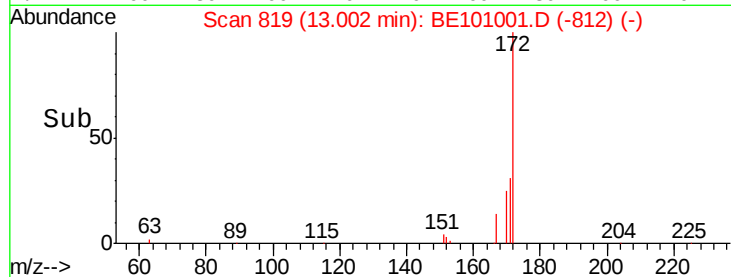
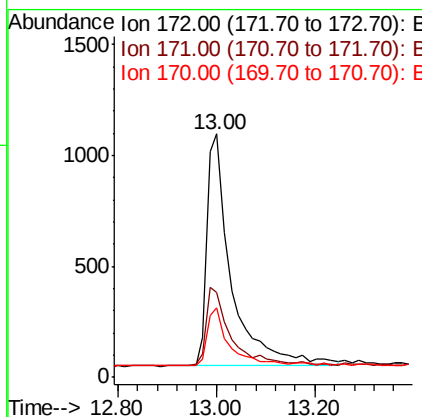
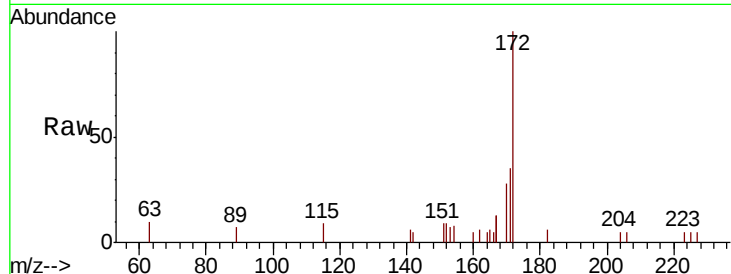




#15
2-Fluorobiphenyl
Concen: 0.107 ng
RT: 13.00 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE101001.D
Acq: 8 Jan 2020 13:24

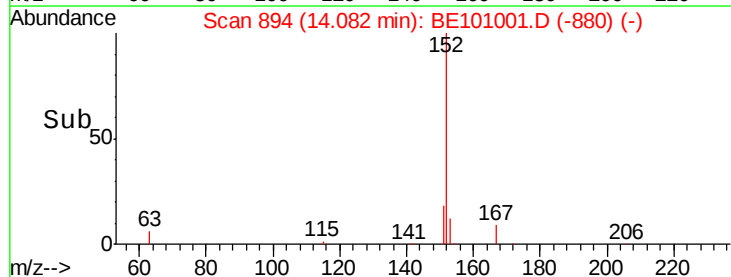
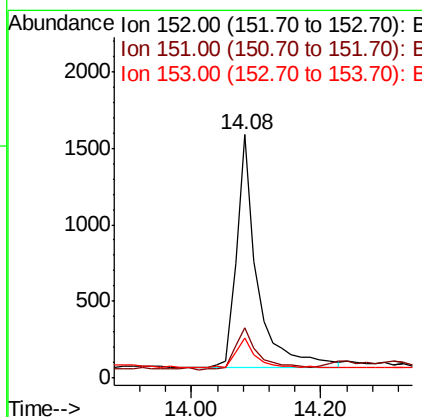
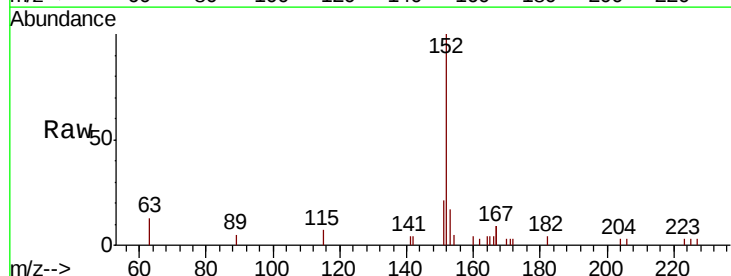
Instrument :
BNA_E
ClientSampled :

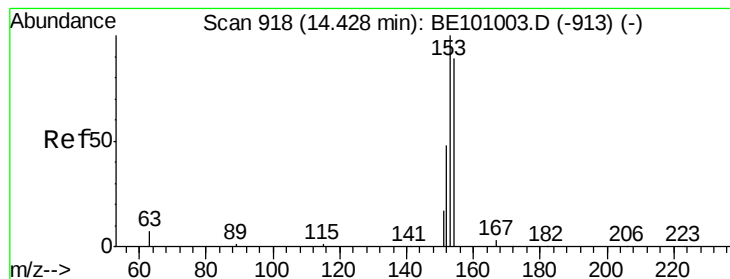
Tot Ion:172 Resp: 3589
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 28.4 18.9 28.3#



#16
Acenaphthylene
Concen: 0.096 ng
RT: 14.08 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE101001.D
Acq: 8 Jan 2020 13:24

Tgt Ion:152 Resp: 3402
Ion Ratio Lower Upper
152 100
151 21.1 15.5 23.3
153 12.3 10.4 15.6





#17

Acenaphthene

Concen: 0.105 ng

RT: 14.43 min Scan# 918

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

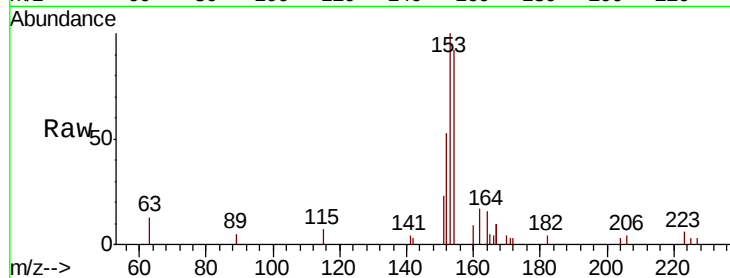
Tot Ion:154 Resp: 2692

Ion Ratio Lower Upper

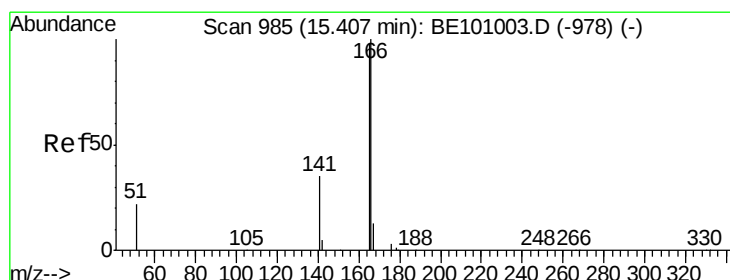
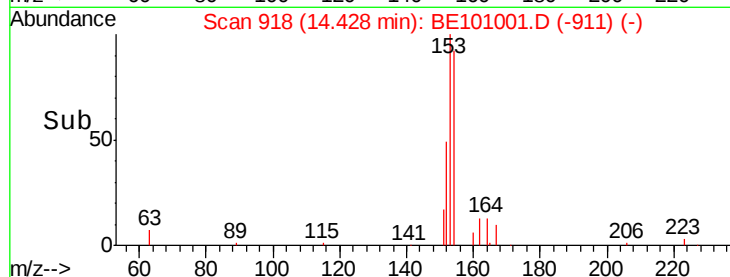
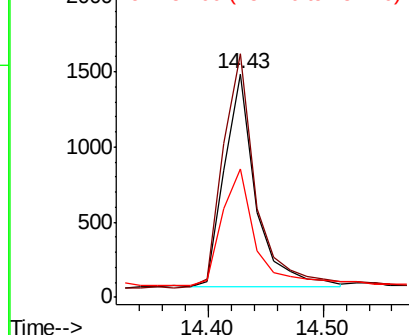
154 100

153 116.6 93.6 140.4

152 57.3 46.3 69.5



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: 0.105 ng

RT: 15.41 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

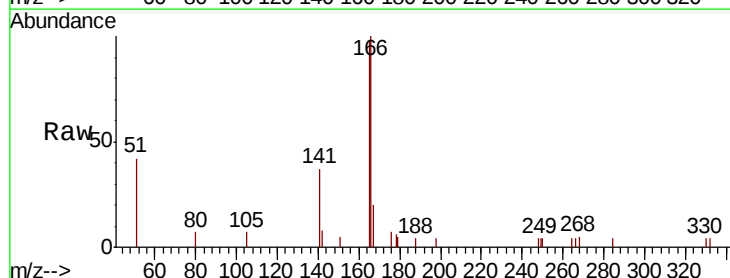
Tgt Ion:166 Resp: 3366

Ion Ratio Lower Upper

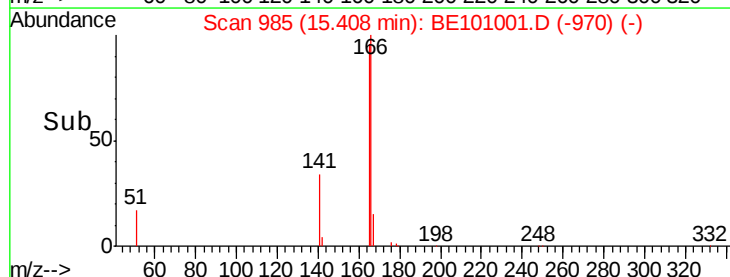
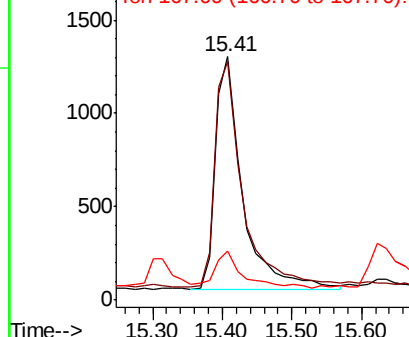
166 100

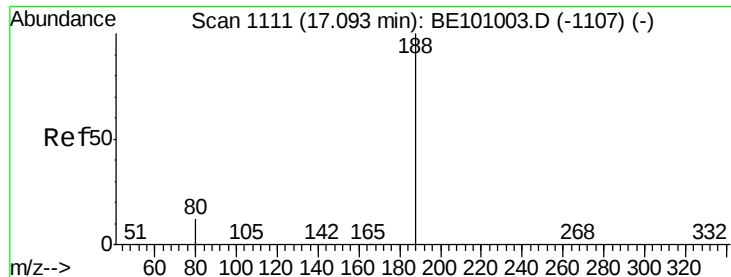
165 99.4 79.8 119.8

167 16.1 11.0 16.6



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: 17.09 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

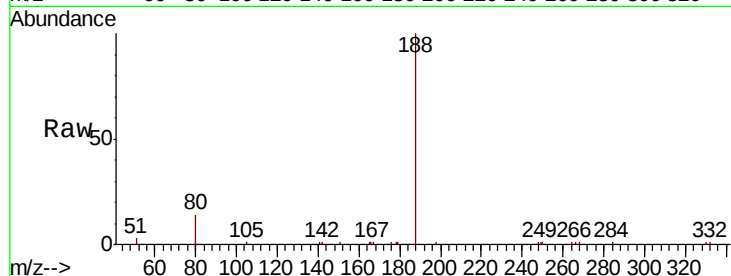
Tot Ion:188 Resp: 21652

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

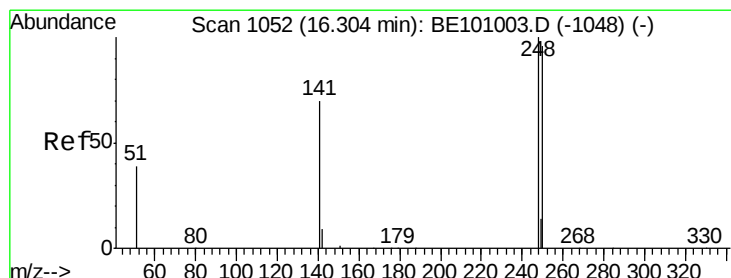
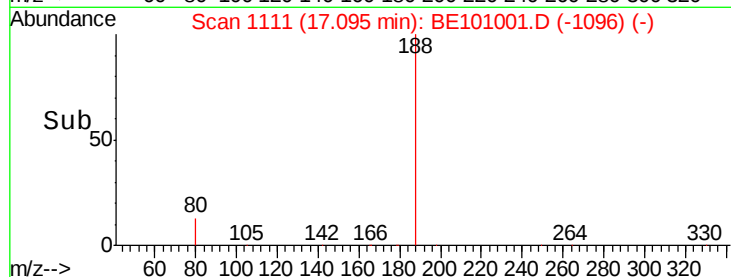
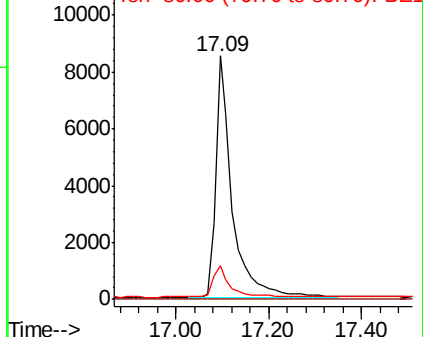
80 13.9 10.8 16.2



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: 0.107 ng

RT: 16.31 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

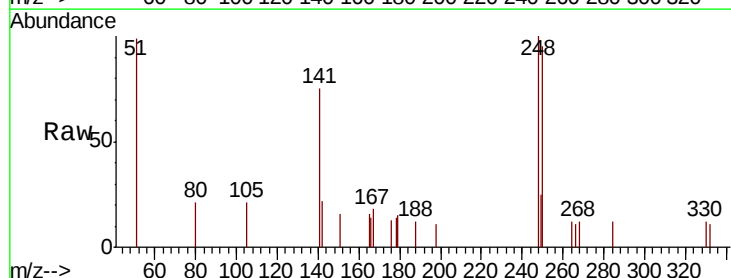
Tgt Ion:248 Resp: 1018

Ion Ratio Lower Upper

248 100

250 95.2 76.6 115.0

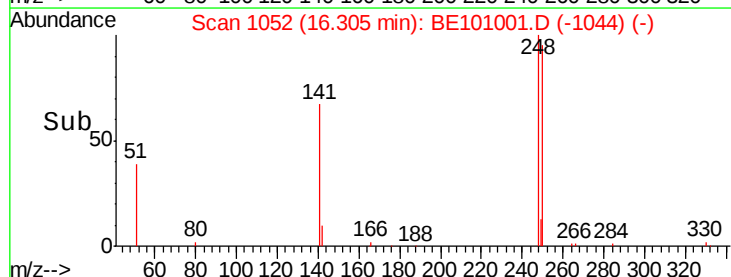
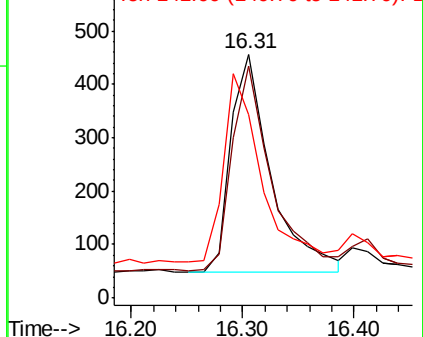
141 75.4 57.7 86.5



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

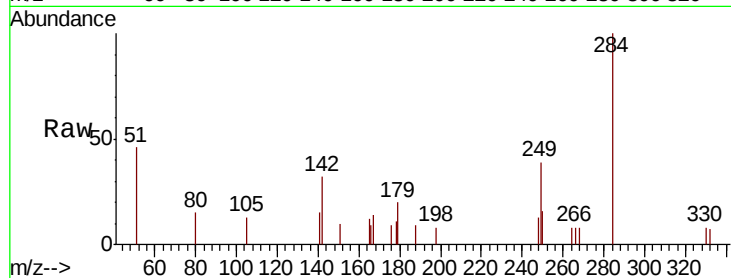




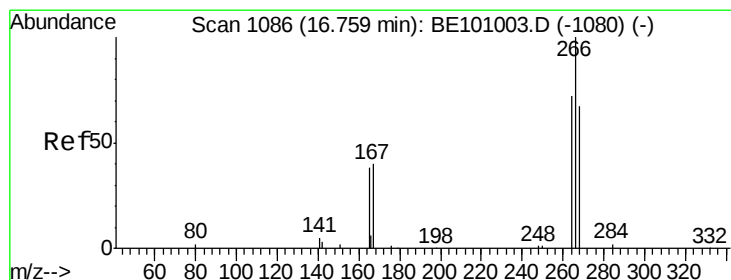
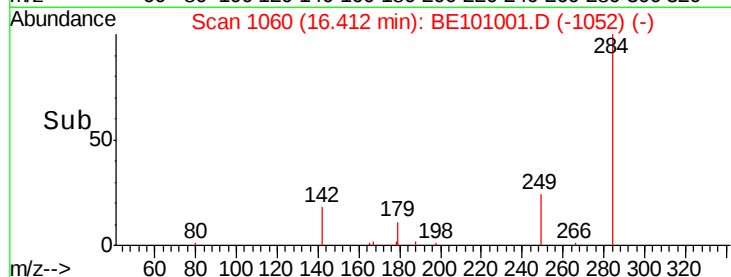
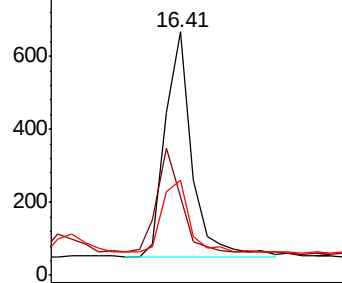
#21
Hexachlorobenzene
Concen: 0.100 ng
RT: 16.41 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE101001.D
Acq: 8 Jan 2020 13:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1126
Ion Ratio Lower Upper
284 100
142 41.4 34.0 51.0
249 32.5 28.2 42.4

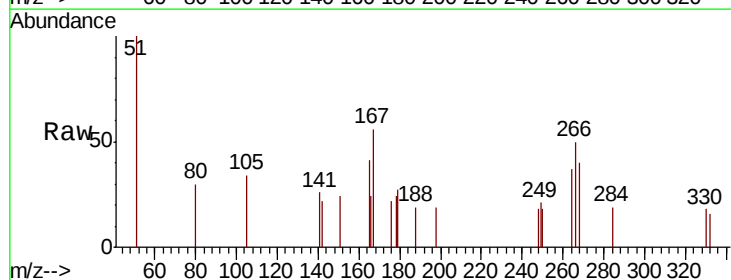


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

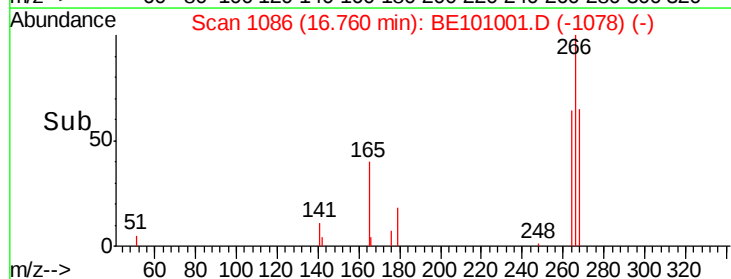
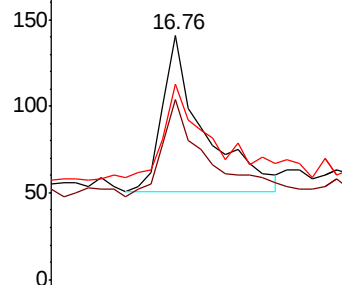


#22
Pentachlorophenol
Concen: 0.165 ng
RT: 16.76 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BE101001.D
Acq: 8 Jan 2020 13:24

Tgt Ion:266 Resp: 276
Ion Ratio Lower Upper
266 100
264 73.8 61.0 91.4
268 80.1 58.5 87.7



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: 0.103 ng

RT: 17.14 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

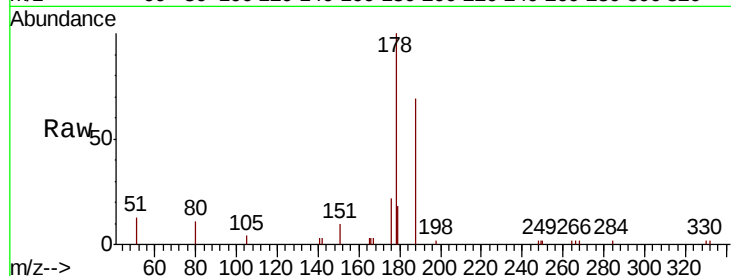
Tot Ion:178 Resp: 5752

Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

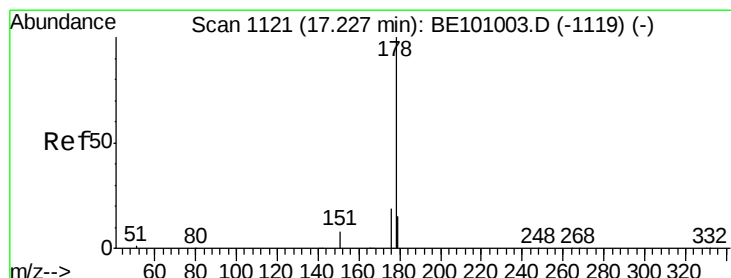
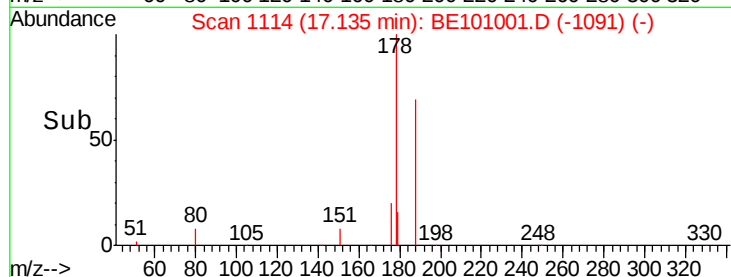
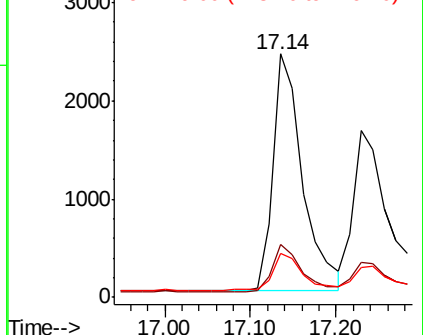
179 16.2 12.0 18.0



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: 0.090 ng

RT: 17.23 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

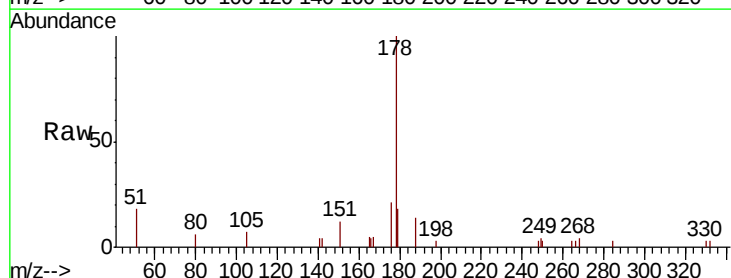
Tgt Ion:178 Resp: 5092

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

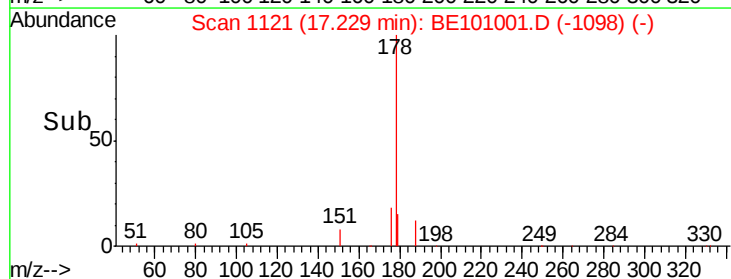
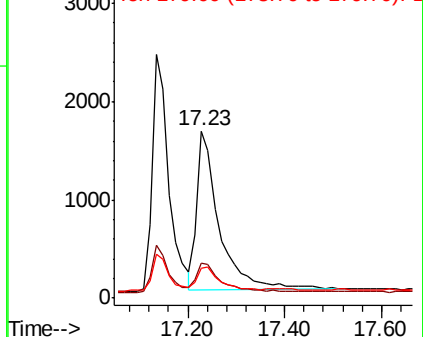
179 14.4 12.4 18.6

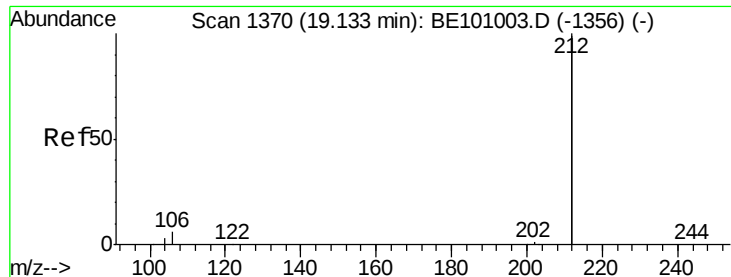


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.106 ng

RT: 19.13 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

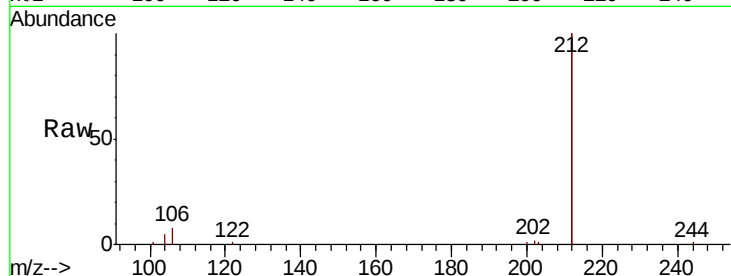
Tot Ion:212 Resp: 27760

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

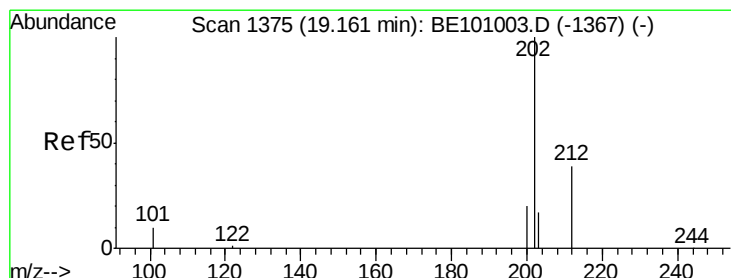
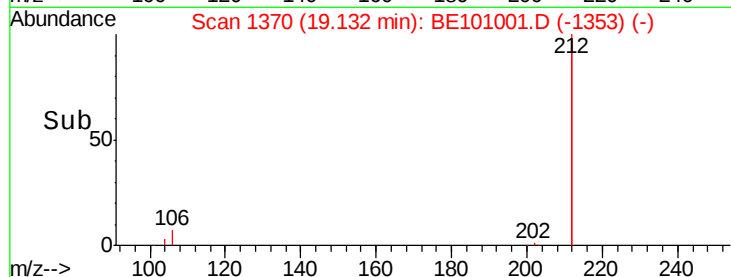
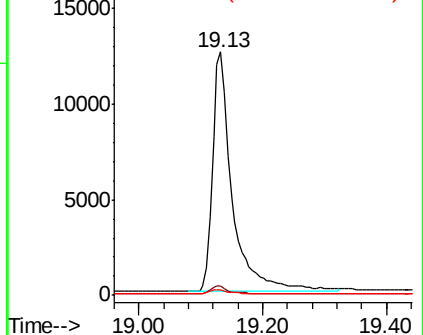
104 1.9 1.4 2.0



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: 0.088 ng

RT: 19.16 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

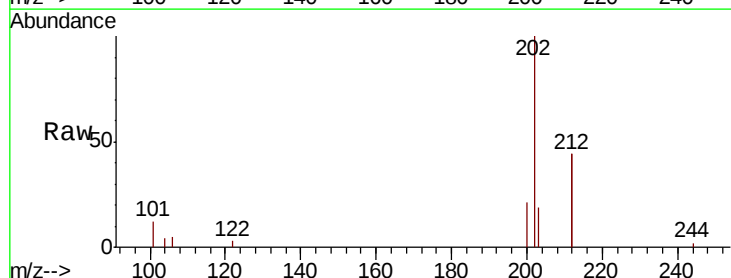
Tgt Ion:202 Resp: 6692

Ion Ratio Lower Upper

202 100

101 11.2 9.6 14.4

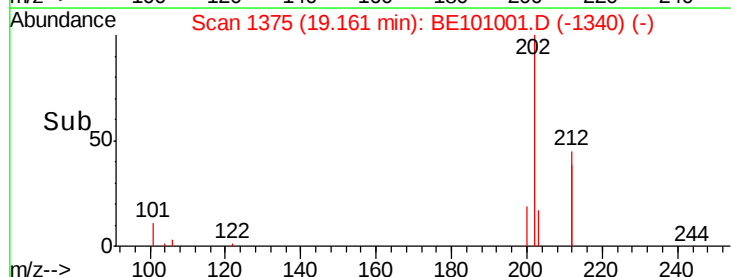
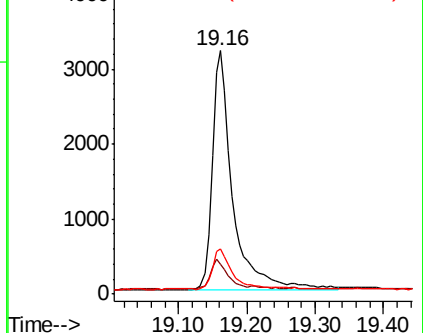
203 16.1 13.8 20.6



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

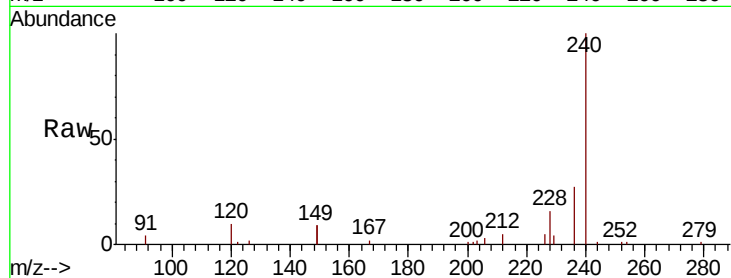




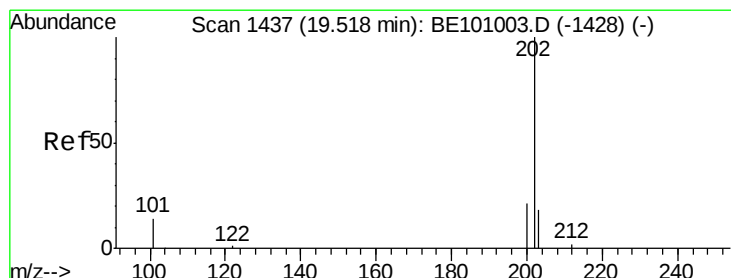
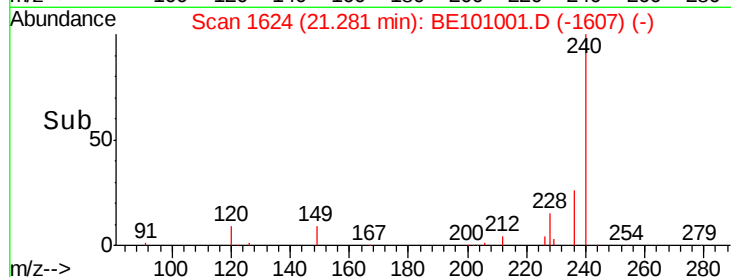
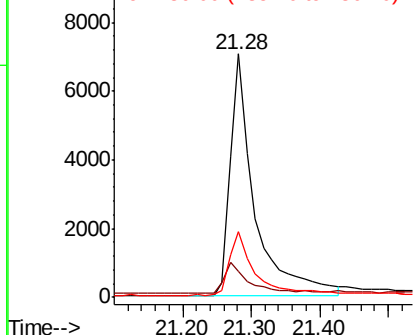
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE101001.D
 Acq: 8 Jan 2020 13:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 17384
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.6 13.0
 236 26.8 22.2 33.4

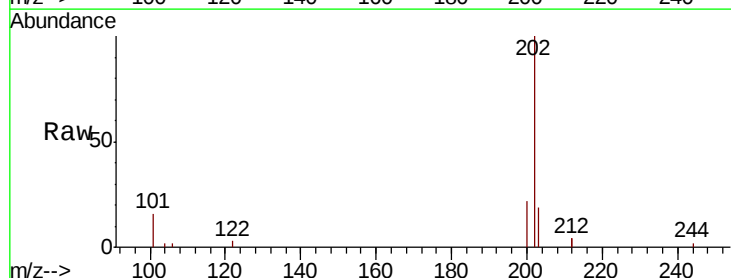


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

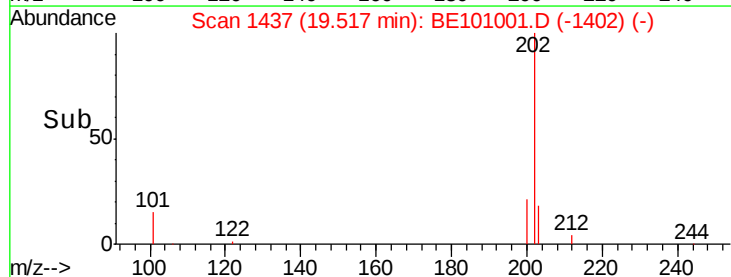
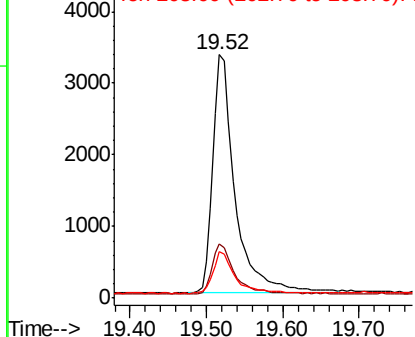


#28
 Pyrene
 Concen: 0.112 ng
 RT: 19.52 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE101001.D
 Acq: 8 Jan 2020 13:24

Tgt Ion:202 Resp: 6793
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.0 25.4
 203 17.4 13.8 20.6



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: 0.107 ng

RT: 19.74 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

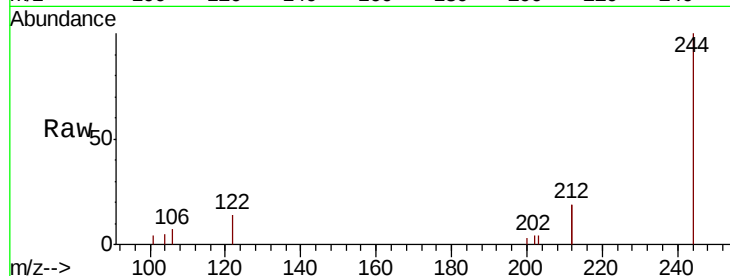
Tot Ion:244 Resp: 4274

Ion Ratio Lower Upper

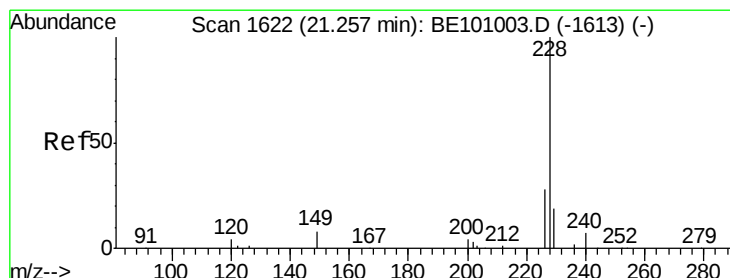
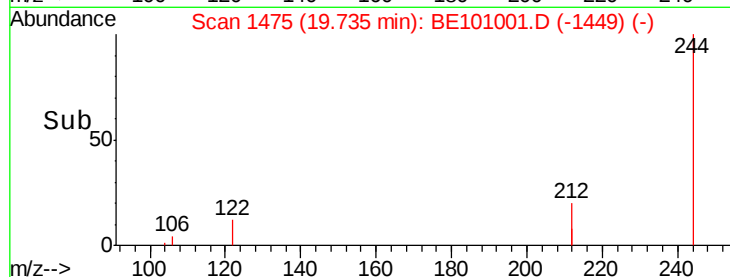
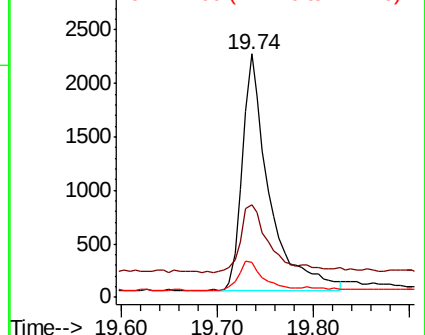
244 100

212 38.0 27.2 40.8

122 14.4 9.8 14.8



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: 0.149 ng

RT: 21.32 min Scan# 1627

Delta R.T. 0.06 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

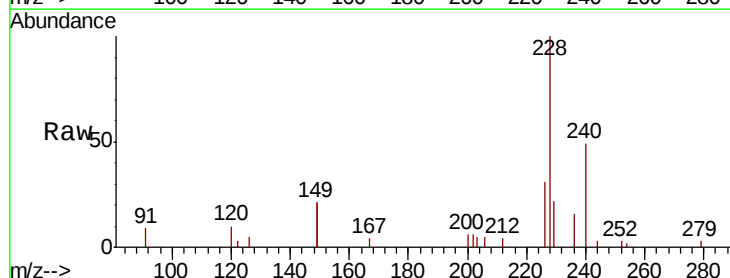
Tgt Ion:228 Resp: 6348

Ion Ratio Lower Upper

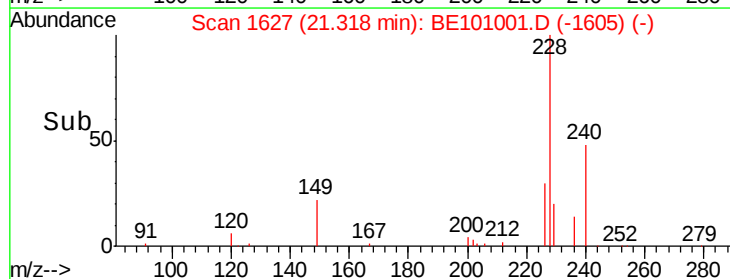
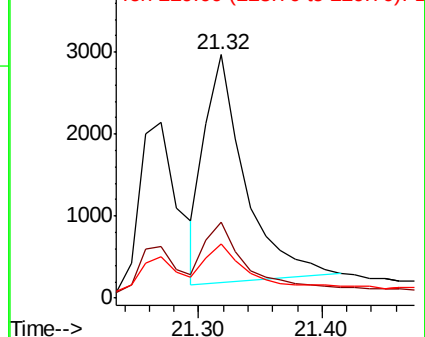
228 100

226 30.9 22.7 34.1

229 22.1 15.5 23.3



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: 0.102 ng

RT: 21.32 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

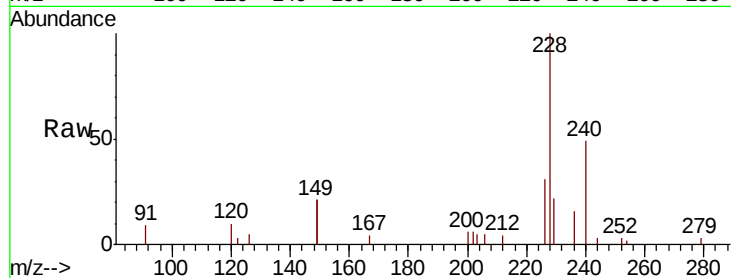
Tot Ion:228 Resp: 8070

Ion Ratio Lower Upper

228 100

226 30.9 23.5 35.3

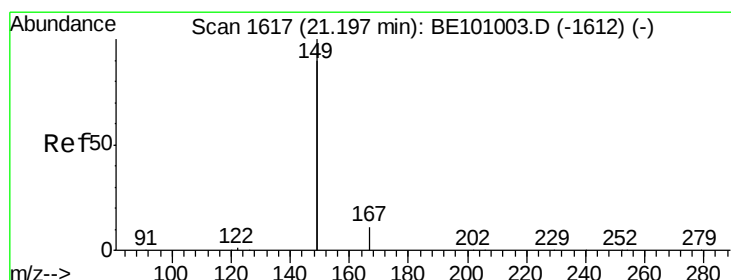
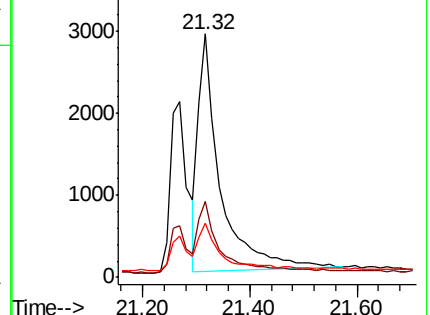
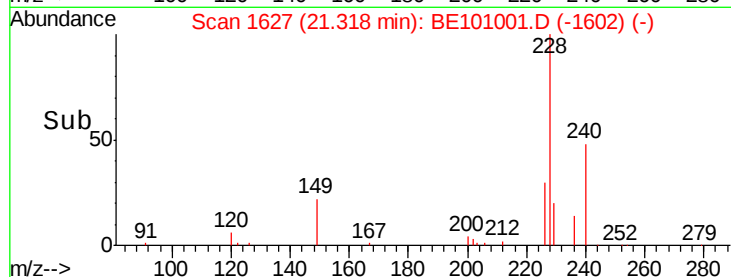
229 22.1 16.7 25.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.091 ng

RT: 21.20 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

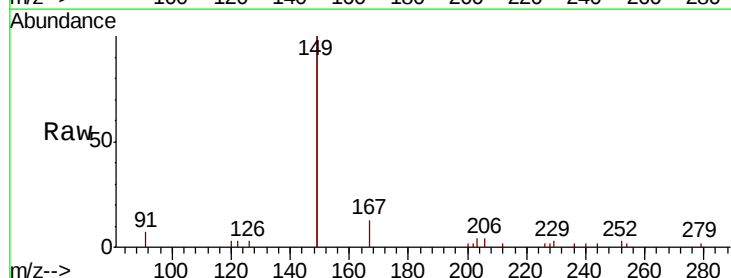
Tgt Ion:149 Resp: 8490

Ion Ratio Lower Upper

149 100

167 6.8 5.2 7.8

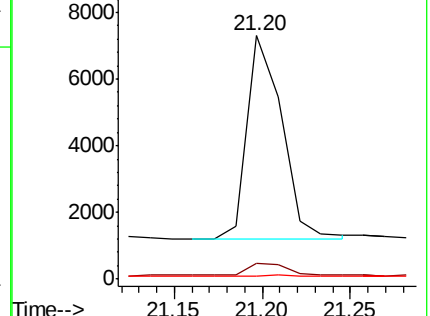
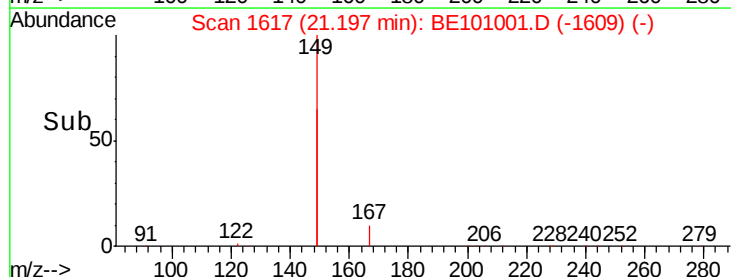
279 1.2 0.8 1.2#



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

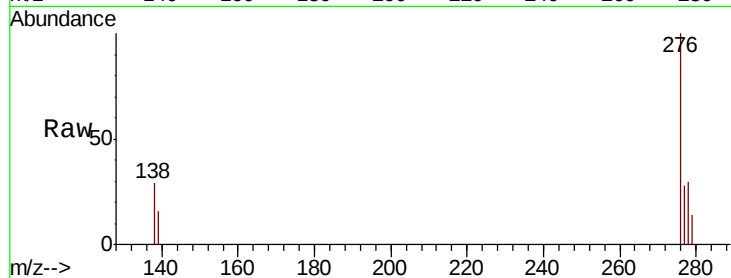




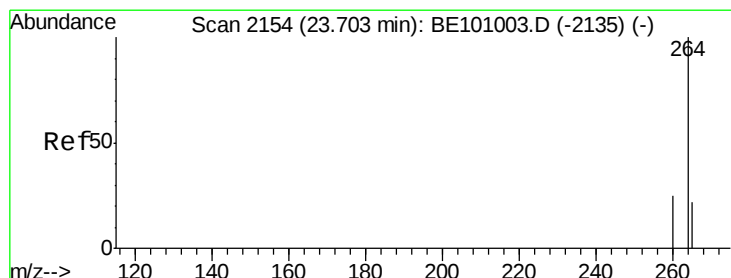
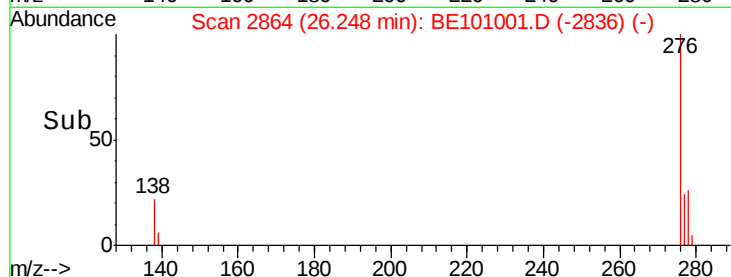
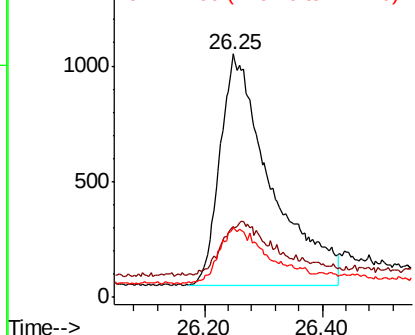
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.100 ng
 RT: 26.25 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BE101001.D
 Acq: 8 Jan 2020 13:24

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 5965
 Ion Ratio Lower Upper
 276 100
 138 17.4 16.1 24.1
 277 9.0 18.1 27.1#

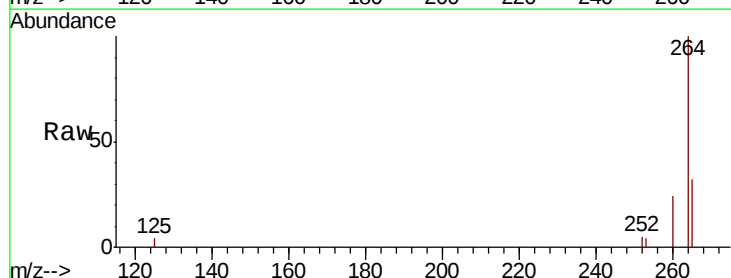


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

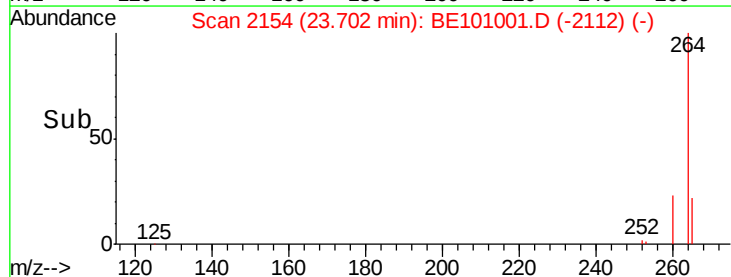
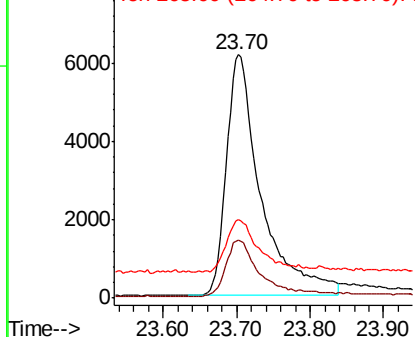


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BE101001.D
 Acq: 8 Jan 2020 13:24

Tgt Ion:264 Resp: 20364
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.3 30.5
 265 32.1 27.0 40.4



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

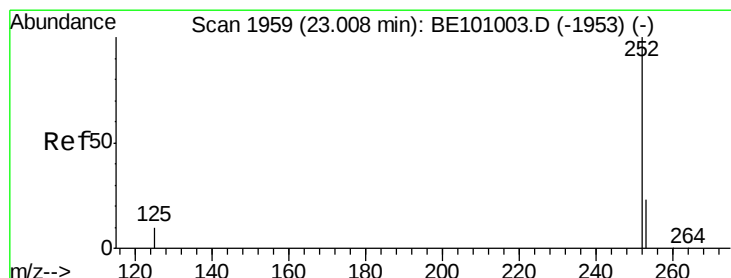
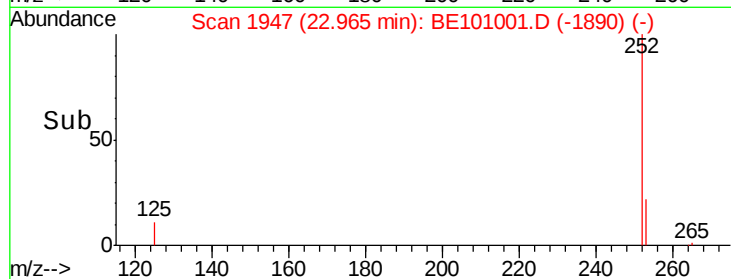
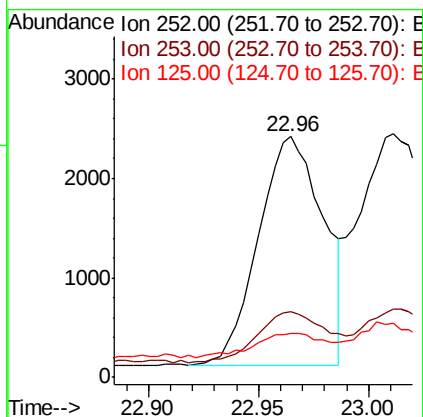
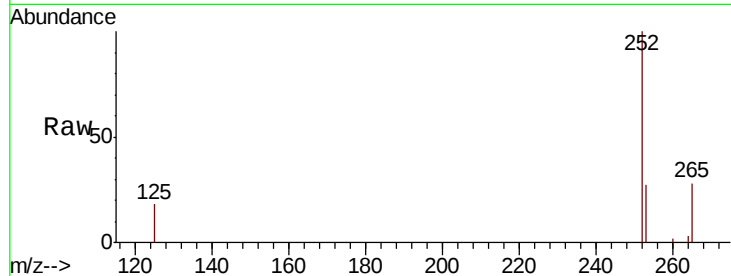




#35
Benzo(b)fluoranthene
Concen: 0.110 ng
RT: 22.96 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE101001.D
Acq: 8 Jan 2020 13:24

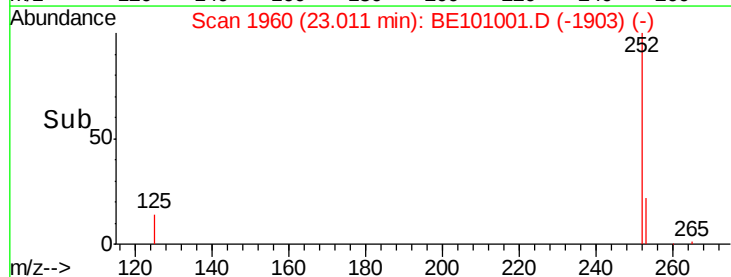
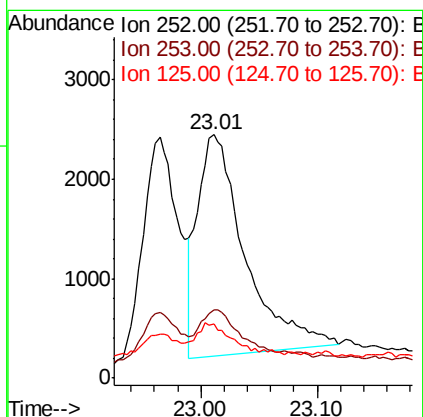
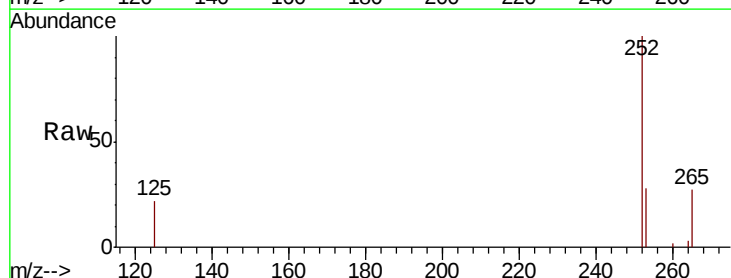
Instrument :
BNA_E
ClientSampleId :

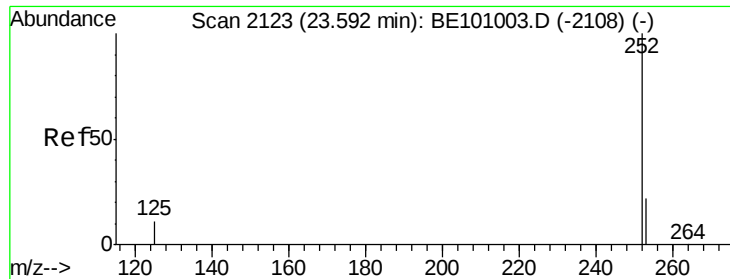
Tot Ion:252 Resp: 4695
Ion Ratio Lower Upper
252 100
253 27.3 18.5 27.7
125 18.4 9.5 14.3#



#36
Benzo(k)fluoranthene
Concen: 0.077 ng
RT: 23.01 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BE101001.D
Acq: 8 Jan 2020 13:24

Tgt Ion:252 Resp: 6279
Ion Ratio Lower Upper
252 100
253 28.0 18.9 28.3
125 22.3 10.1 15.1#





#37

Benzo(a)pyrene

Concen: 0.099 ng

RT: 23.60 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :

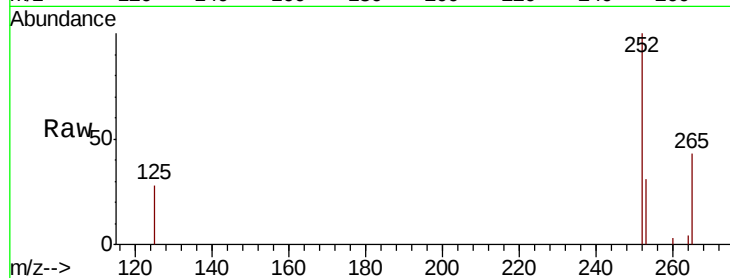
Tot Ion:252 Resp: 4957

Ion Ratio Lower Upper

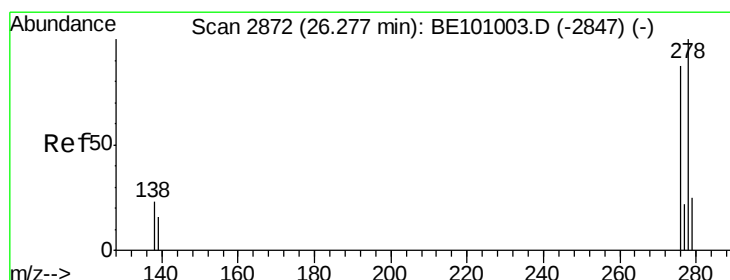
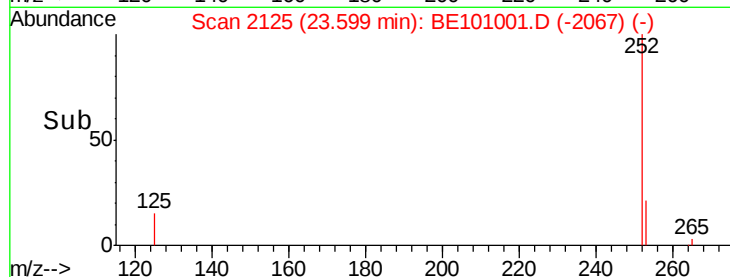
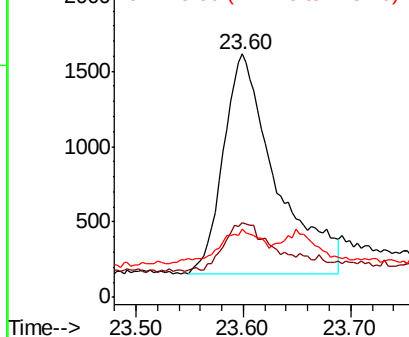
252 100

253 30.5 19.4 29.2#

125 27.9 11.8 17.6#



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: 0.086 ng

RT: 26.28 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

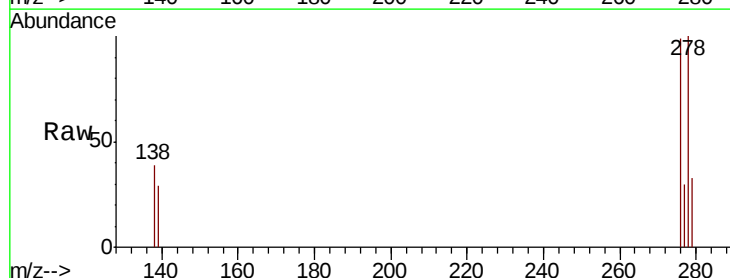
Tgt Ion:278 Resp: 3902

Ion Ratio Lower Upper

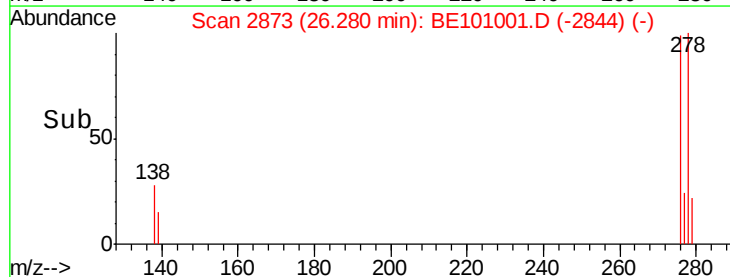
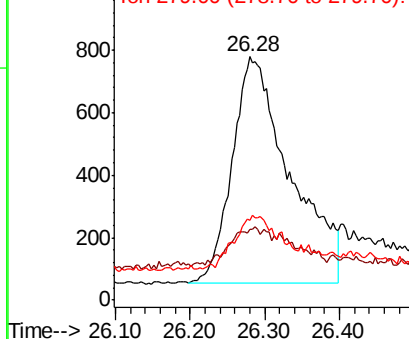
278 100

139 28.9 15.0 22.4#

279 32.6 22.6 33.8



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: 0.102 ng

RT: 27.03 min Scan# 3082

Delta R.T. -0.00 min

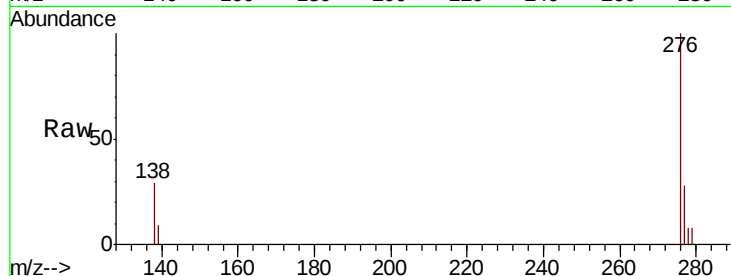
Lab File: BE101001.D

Acq: 8 Jan 2020 13:24

Instrument :

BNA_E

ClientSampleId :



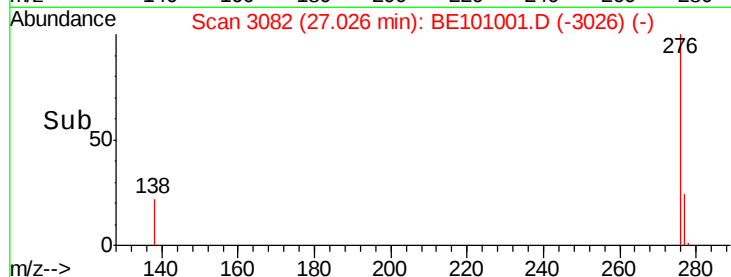
Tot Ion: 276 Resp: 5462

Ion Ratio Lower Upper

276 100

277 27.6 19.4 29.2

138 28.6 17.9 26.9#



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

