

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101015.D
 Acq On : 9 Jan 2020 17:28
 Operator : JU
 Sample : K5111-08
 Misc : LOO-W-0.1NG
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 09 18:15:08 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 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3023	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13308	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8285	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	18312	0.40	ng	0.00
27) Chrysene-d12	21.28	240	14128	0.40	ng	0.00
34) Perylene-d12	23.69	264	16381	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2362	0.35	ng	0.00
5) Phenol-d6	6.92	99	2506	0.29	ng	0.00
8) Nitrobenzene-d5	8.89	82	2653	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	12.12	152	8174	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	547	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	12115	0.38	ng	0.00
25) Fluoranthene-d10	19.13	212	71926	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	14312	0.41	ng	0.00

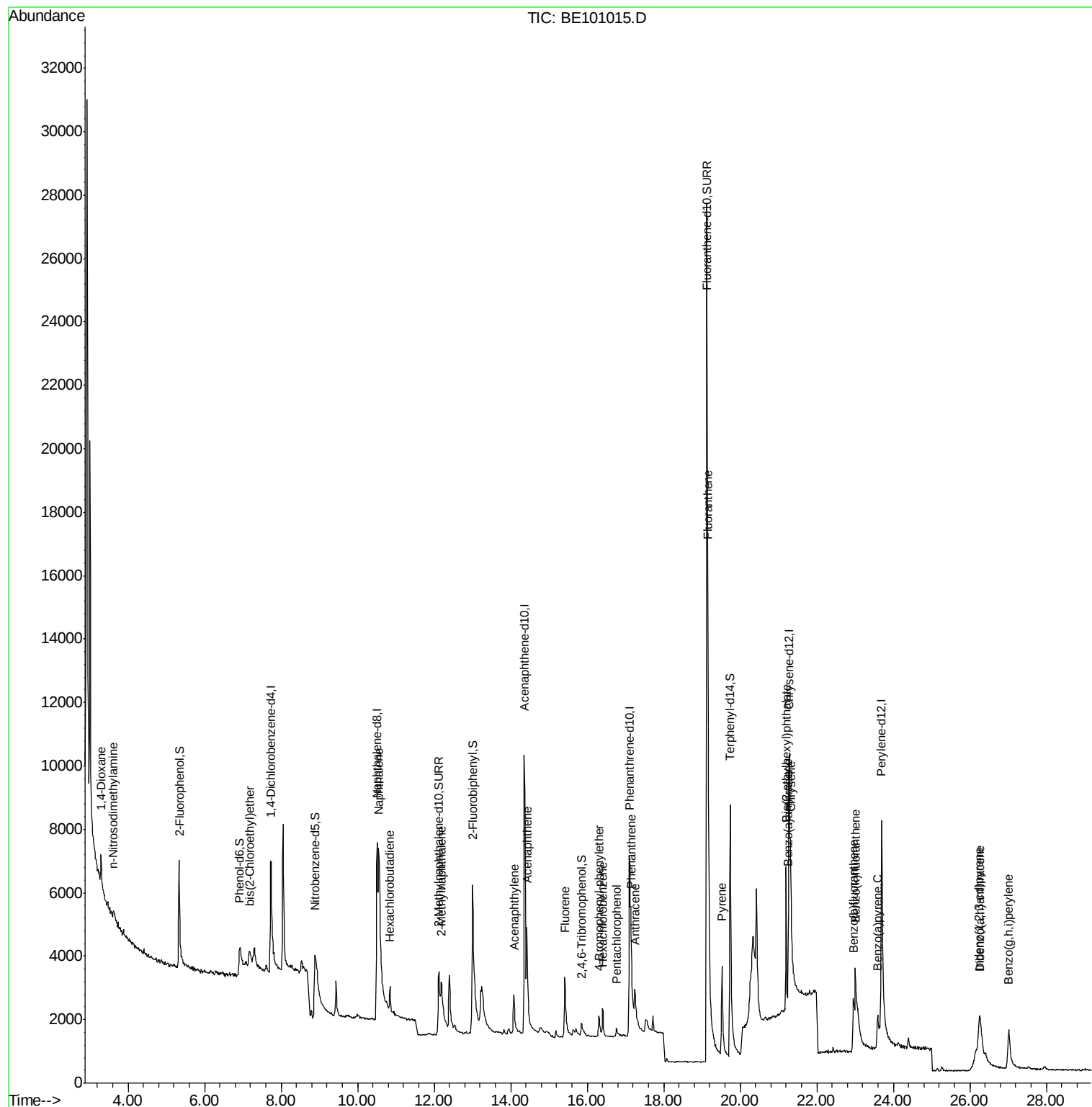
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1163	0.151	ng	# 73
3) n-Nitrosodimethylamine	3.60	42	107	0.025	ng	# 1
6) bis(2-Chloroethyl)ether	7.17	93	665	0.065	ng	# 1
9) Naphthalene	10.56	128	13242	0.090	ng	# 96
10) Hexachlorobutadiene	10.85	225	561	0.090	ng	# 97
12) 2-Methylnaphthalene	12.18	142	1951	0.087	ng	# 91
16) Acenaphthylene	14.08	152	2459	0.073	ng	# 96
17) Acenaphthene	14.43	154	1913	0.079	ng	# 99
18) Fluorene	15.41	166	2256	0.074	ng	# 99
20) 4-Bromophenyl-phenylether	16.30	248	648	0.073	ng	# 89
21) Hexachlorobenzene	16.41	284	815	0.083	ng	# 94
22) Pentachlorophenol	16.76	266	354	0.146	ng	# 92
23) Phenanthrene	17.15	178	3836	0.077	ng	# 98
24) Anthracene	17.24	178	3958	0.084	ng	# 95
26) Fluoranthene	19.16	202	4622	0.074	ng	# 99
28) Pyrene	19.52	202	4633	0.088	ng	# 98
30) Benzo(a)anthracene	21.26	228	2471	0.061	ng	# 94
31) Chrysene	21.32	228	6035	0.101	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.20	149	5249	0.078	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.25	276	3766	0.080	ng	# 73
35) Benzo(b)fluoranthene	22.96	252	3028	0.066	ng	# 82
36) Benzo(k)fluoranthene	23.01	252	5534	0.083	ng	# 80
37) Benzo(a)pyrene	23.59	252	2978	0.067	ng	# 79
38) Dibenzo(a,h)anthracene	26.27	278	2643	0.065	ng	# 45
39) Benzo(g,h,i)perylene	27.02	276	3644	0.072	ng	# 94

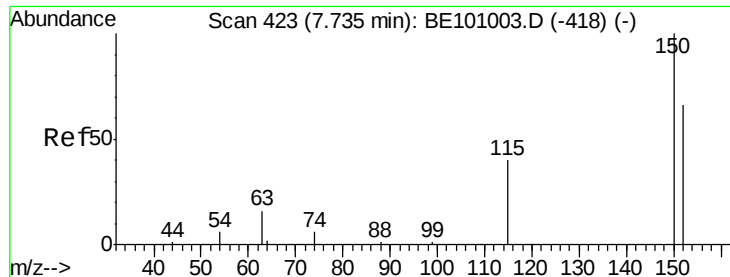
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
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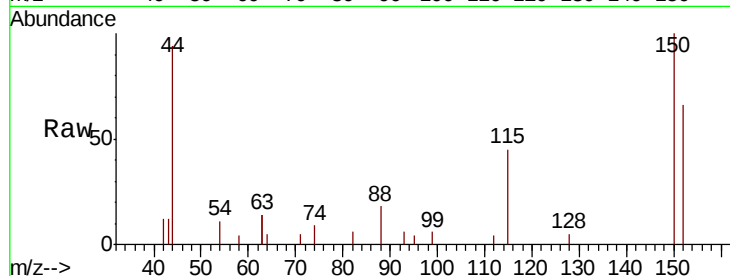


#1

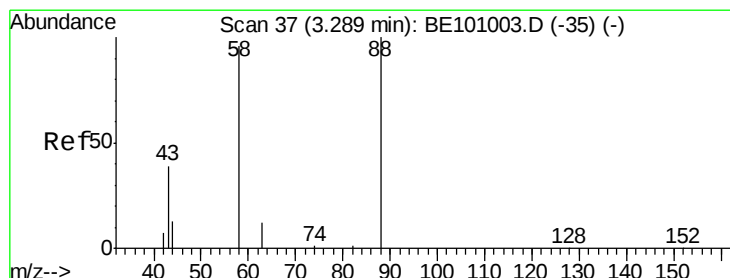
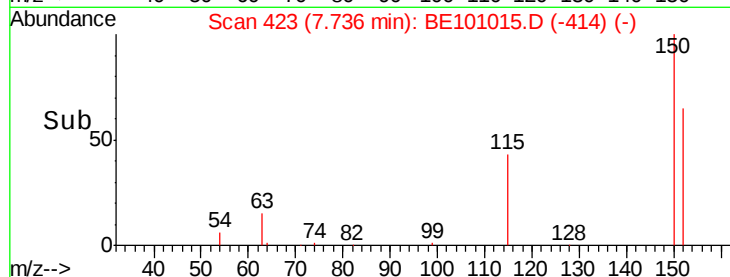
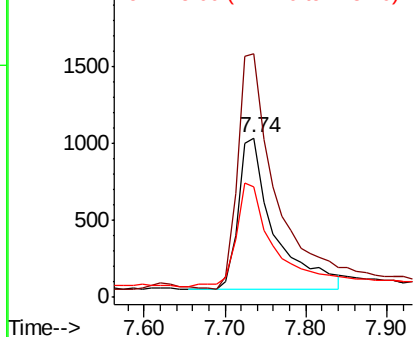
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3023
Ion Ratio Lower Upper
152 100
150 152.5 120.3 180.5
115 69.1 51.7 77.5



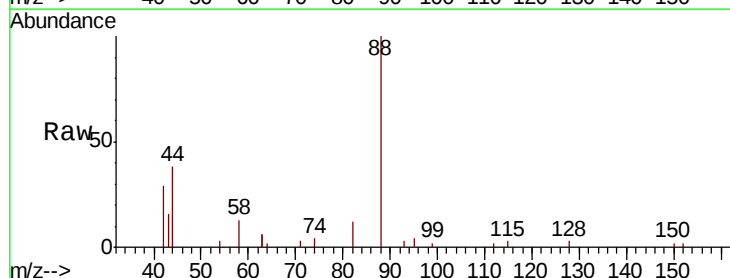
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



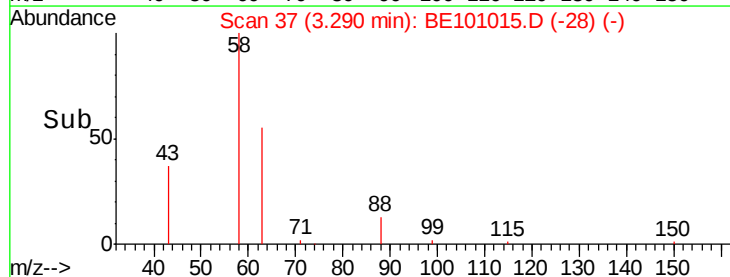
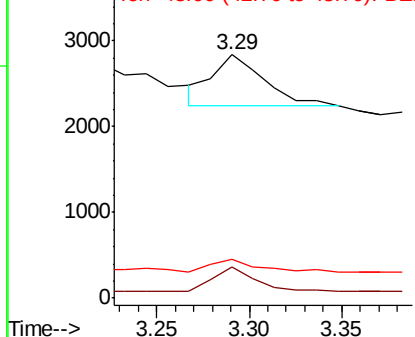
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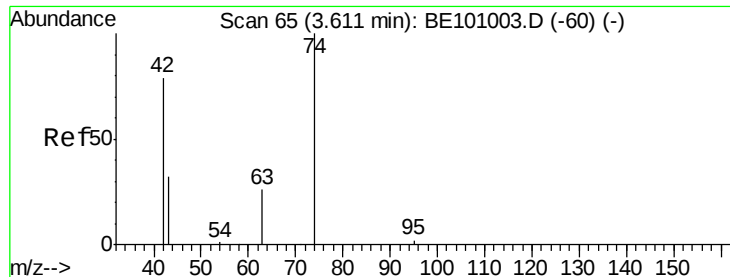
1,4-Dioxane
Concen: 0.151 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Tgt Ion: 88 Resp: 1163
Ion Ratio Lower Upper
88 100
58 39.0 53.0 79.4#
43 23.5 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



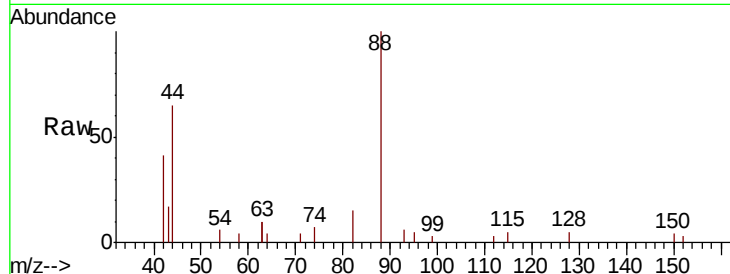


#3

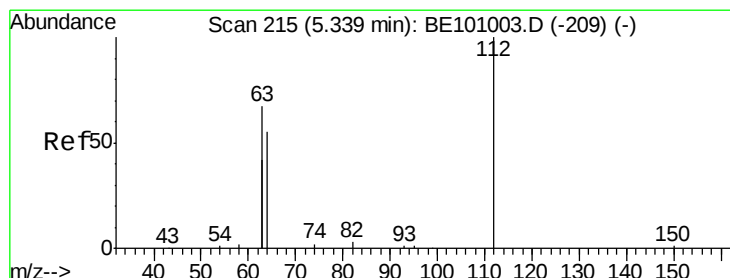
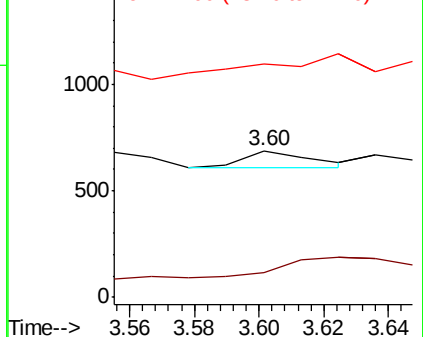
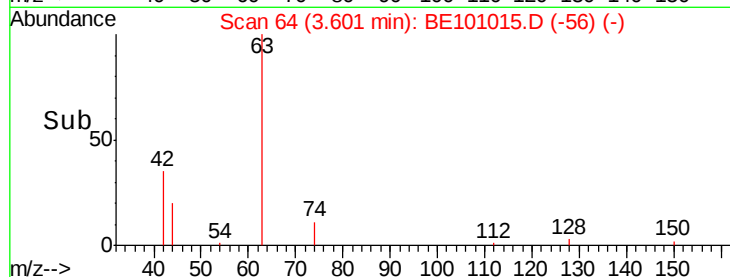
n-Nitrosodimethylamine
 Concen: 0.025 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BE101015.D
 Acq: 9 Jan 2020 17:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 107
 Ion Ratio Lower Upper
 42 100
 74 0.0 105.7 158.5#
 44 0.0 10.0 15.0#



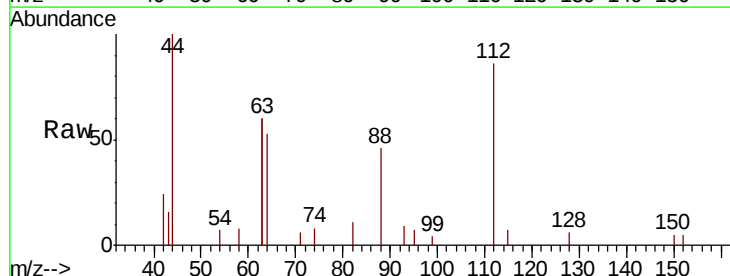
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



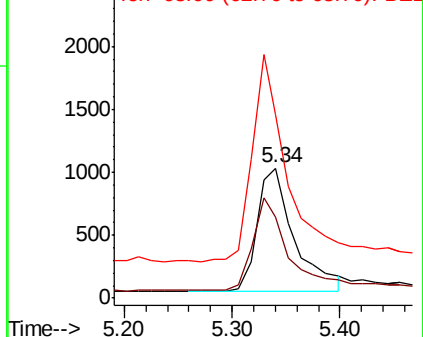
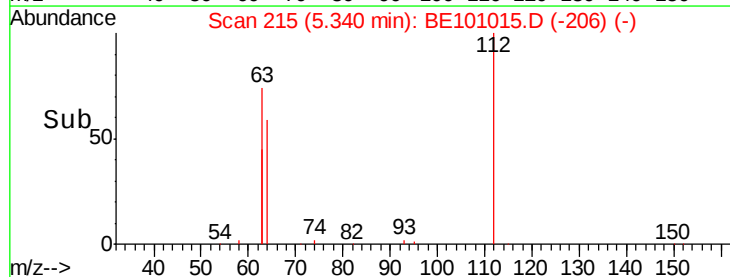
#4

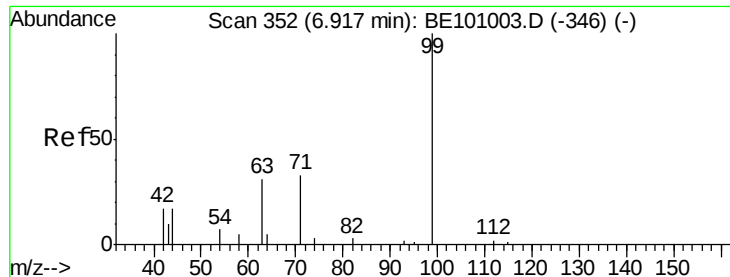
2-Fluorophenol
 Concen: 0.347 ng
 RT: 5.34 min Scan# 215
 Delta R.T. 0.00 min
 Lab File: BE101015.D
 Acq: 9 Jan 2020 17:28

Tgt Ion: 112 Resp: 2362
 Ion Ratio Lower Upper
 112 100
 64 70.9 53.6 80.4
 63 156.8 114.6 172.0



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: 0.291 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

ClientSampleId :

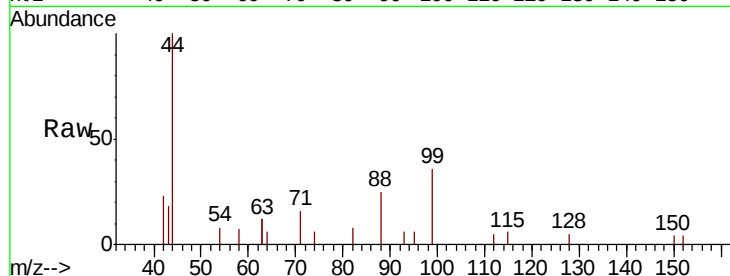
Tot Ion: 99 Resp: 2506

Ion Ratio Lower Upper

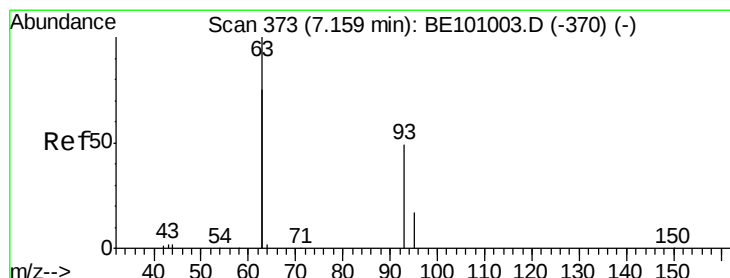
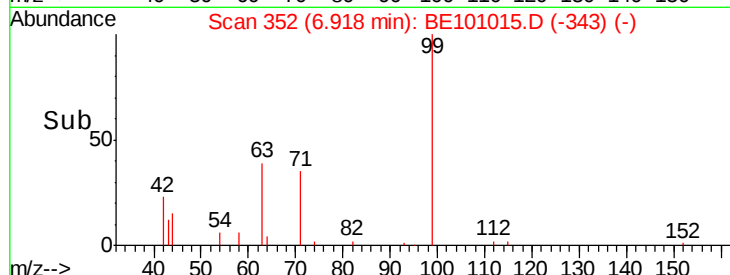
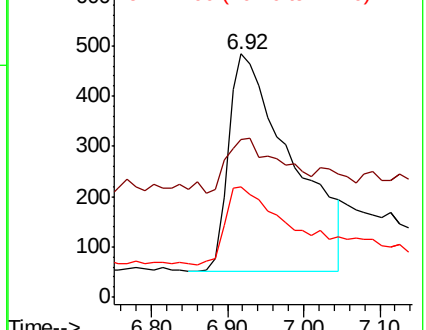
99 100

42 21.7 18.3 27.5

71 35.5 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: 0.065 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

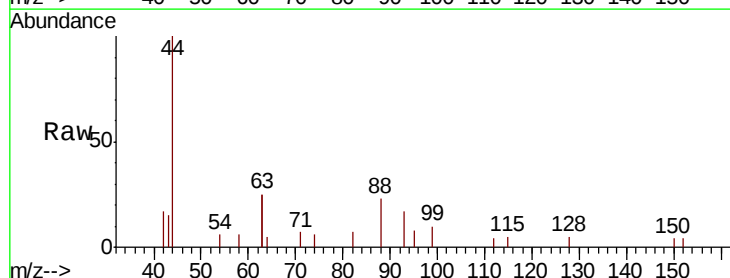
Tgt Ion: 93 Resp: 665

Ion Ratio Lower Upper

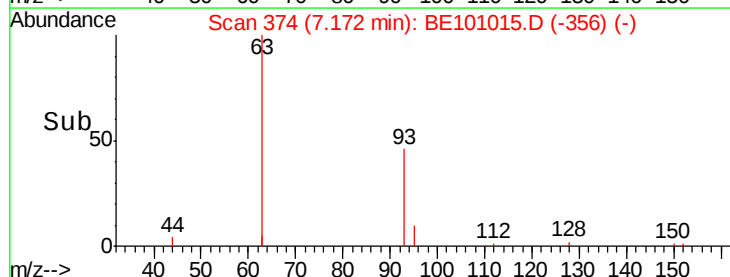
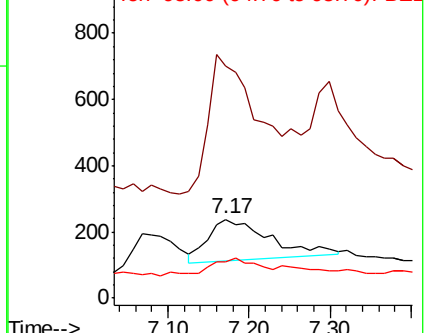
93 100

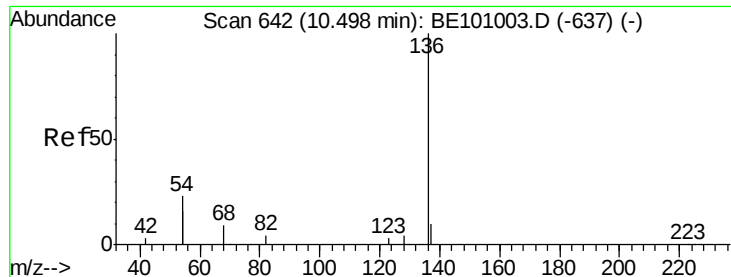
63 0.0 233.9 350.9#

95 25.0 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# 642

Delta R.T. 0.01 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13308

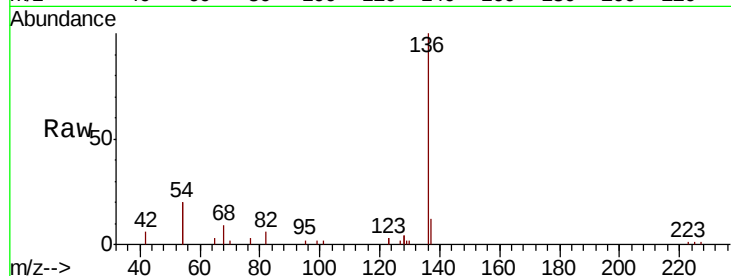
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 39.8 36.8 55.2

68 8.8 8.4 12.6

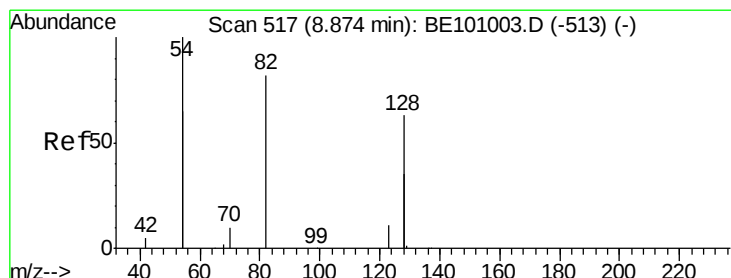
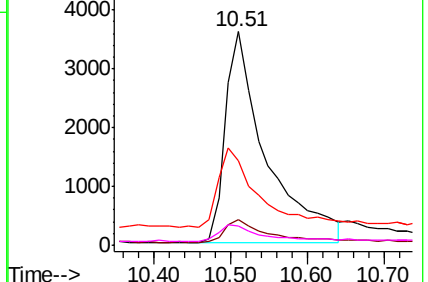
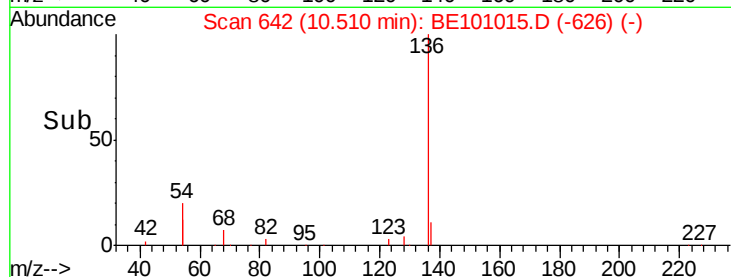


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.279 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

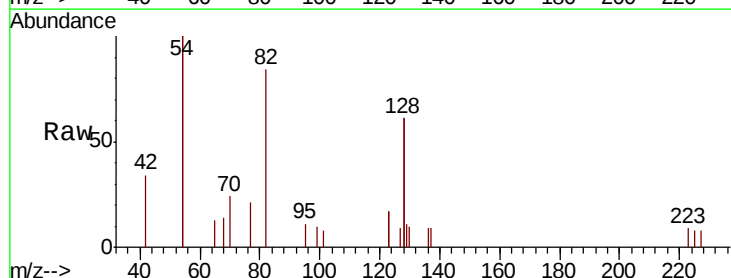
Tgt Ion: 82 Resp: 2653

Ion Ratio Lower Upper

82 100

128 145.6 109.8 164.6

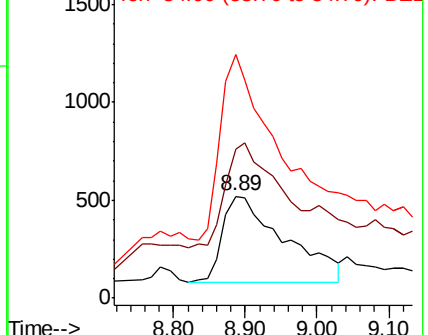
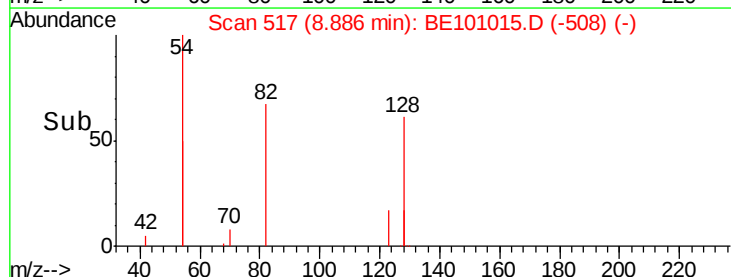
54 238.3 174.5 261.7

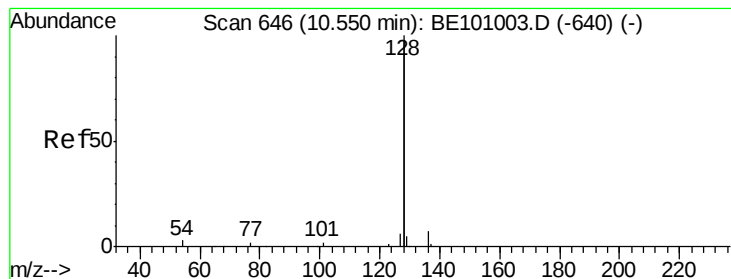


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.090 ng

RT: 10.56 min Scan# 646

Delta R.T. 0.01 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

ClientSampleId :

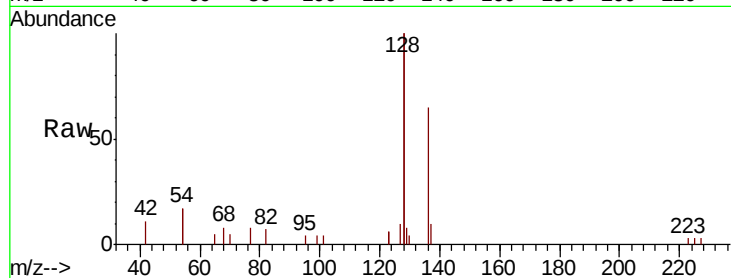
Tot Ion:128 Resp: 13242

Ion Ratio Lower Upper

128 100

129 4.1 2.3 3.5#

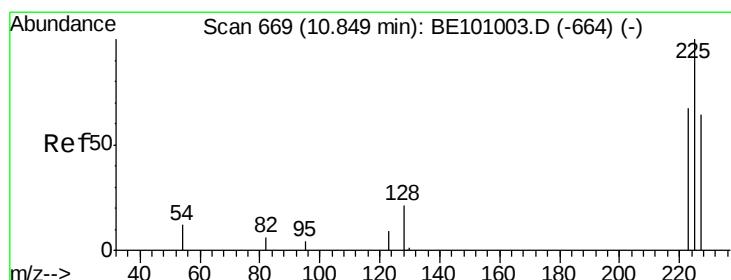
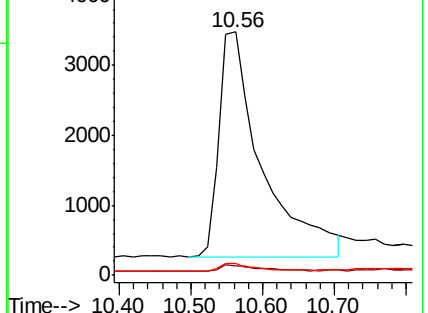
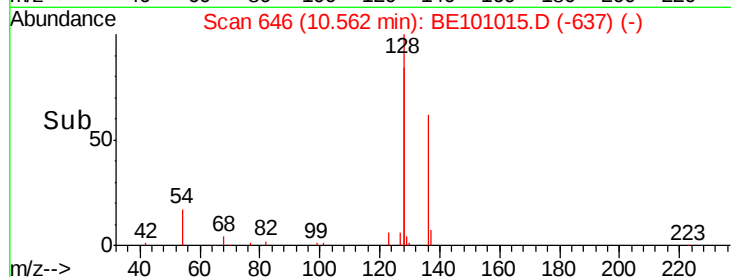
127 4.8 2.7 4.1#



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: 0.090 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

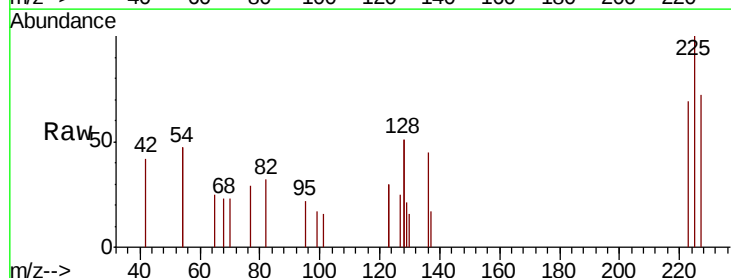
Tgt Ion:225 Resp: 561

Ion Ratio Lower Upper

225 100

223 62.6 52.2 78.4

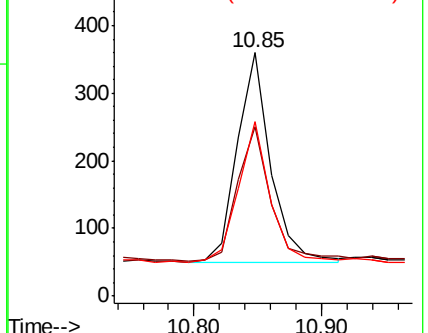
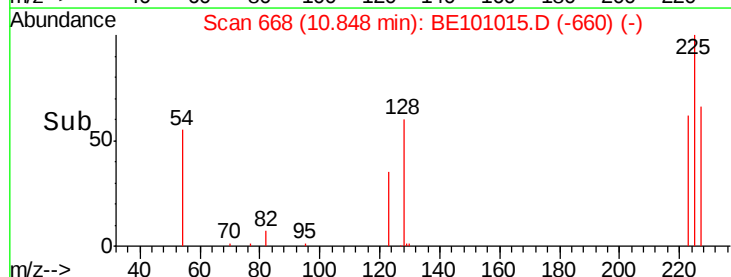
227 63.8 49.9 74.9

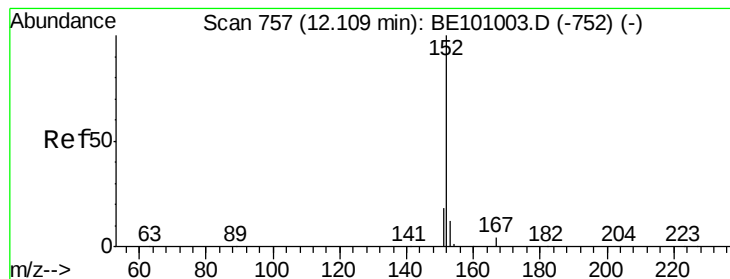


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.322 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.01 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

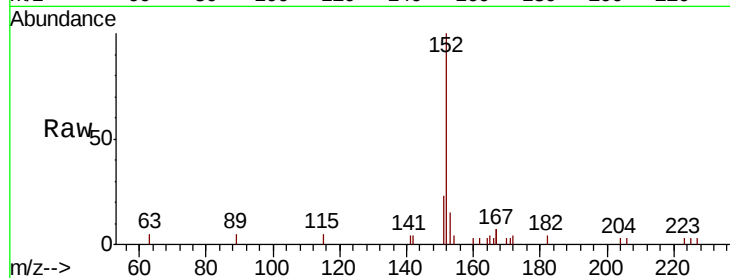
ClientSampleId :

Tot Ion:152 Resp: 8174

Ion Ratio Lower Upper

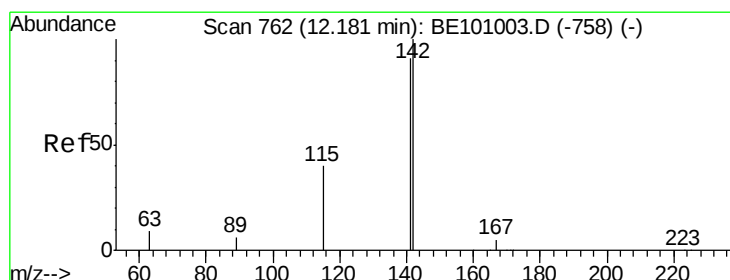
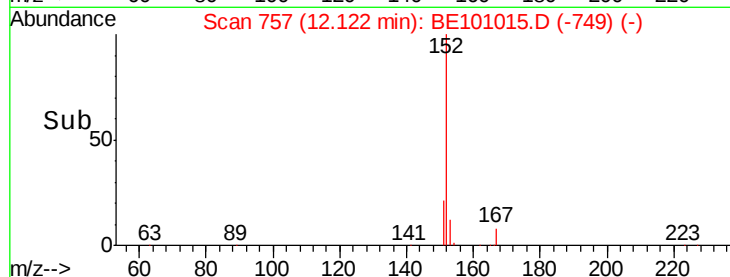
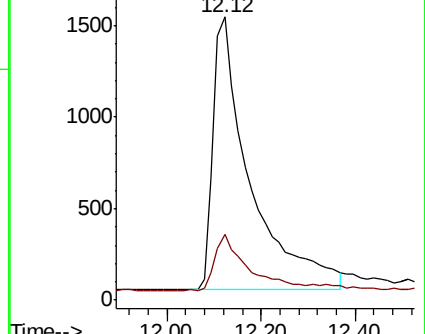
152 100

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: 0.087 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

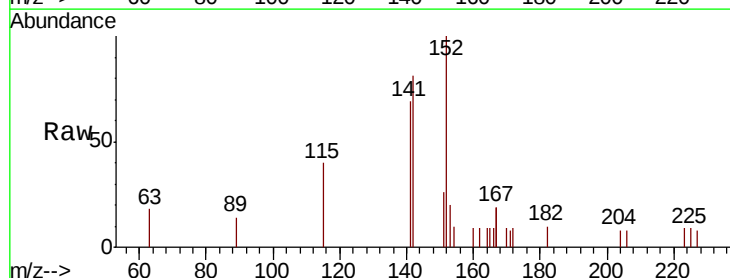
Tgt Ion:142 Resp: 1951

Ion Ratio Lower Upper

142 100

141 84.9 72.5 108.7

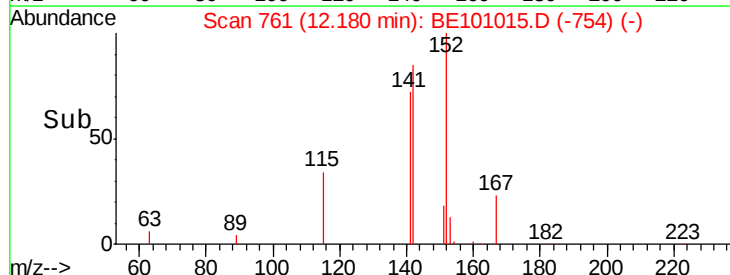
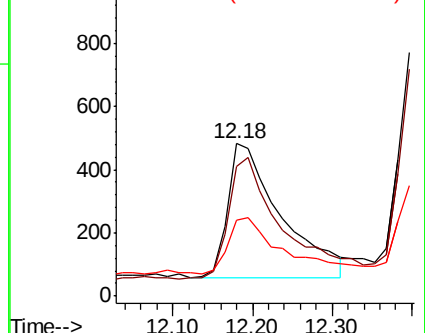
115 50.0 33.0 49.6#

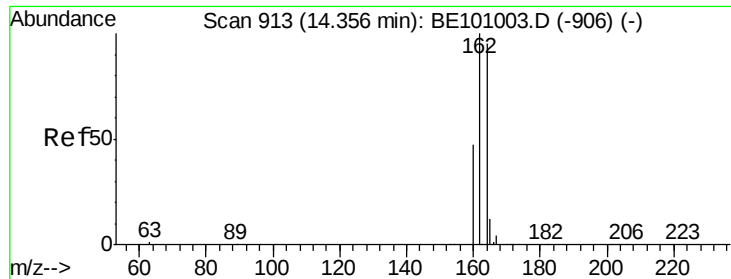


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

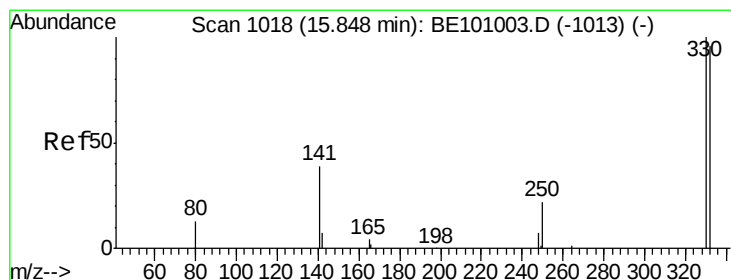
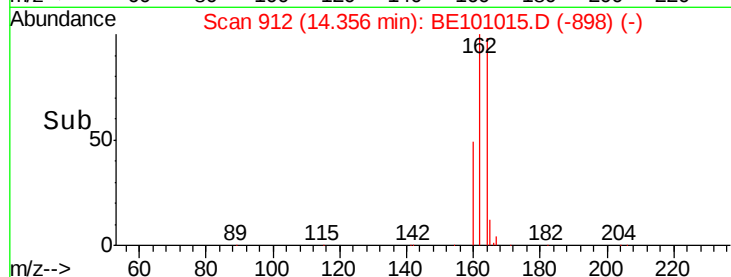
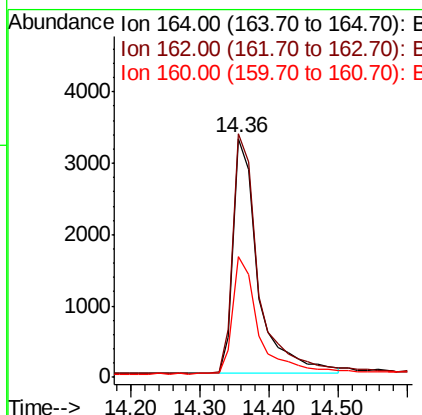
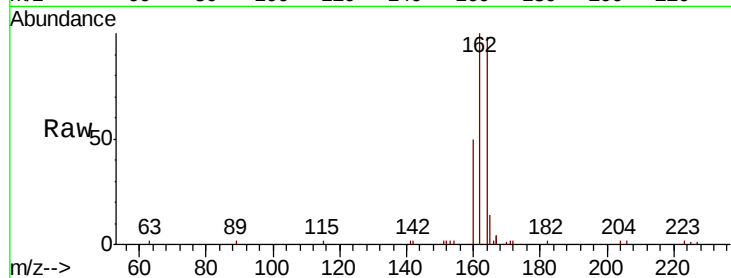




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101015.D
 Acq: 9 Jan 2020 17:28

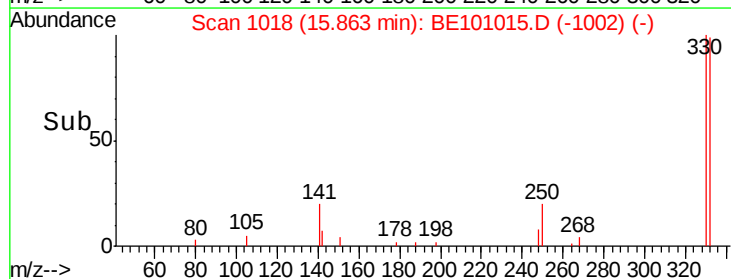
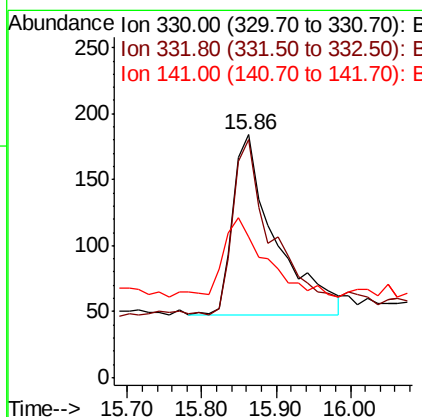
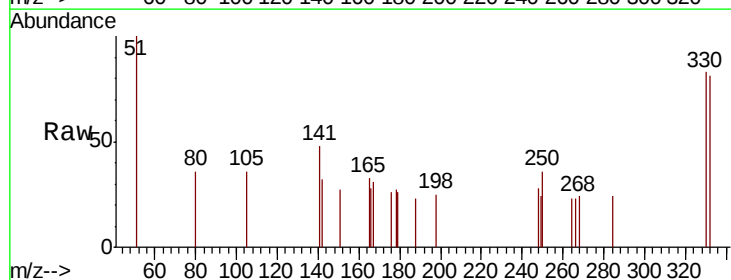
Instrument :
 BNA_E
 ClientSampleId :

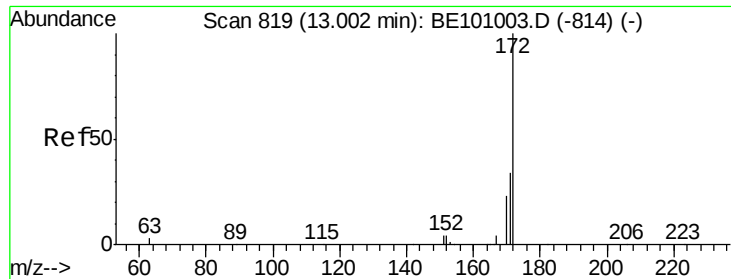
Tot Ion:164 Resp: 8285
 Ion Ratio Lower Upper
 164 100
 162 101.9 84.1 126.1
 160 50.5 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.234 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE101015.D
 Acq: 9 Jan 2020 17:28

Tgt Ion:330 Resp: 547
 Ion Ratio Lower Upper
 330 100
 332 94.5 78.4 117.6
 141 45.2 37.0 55.4

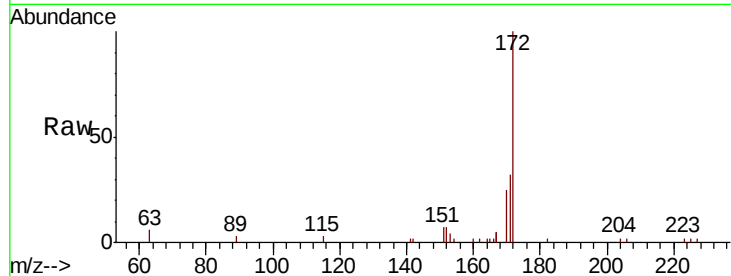




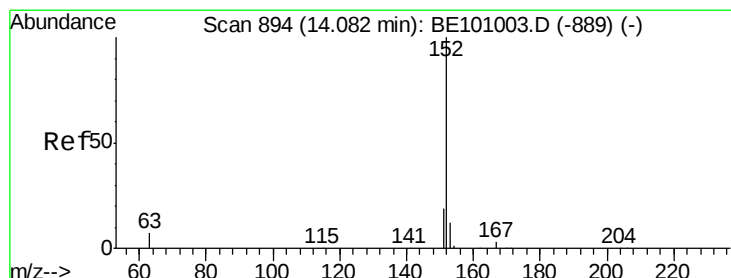
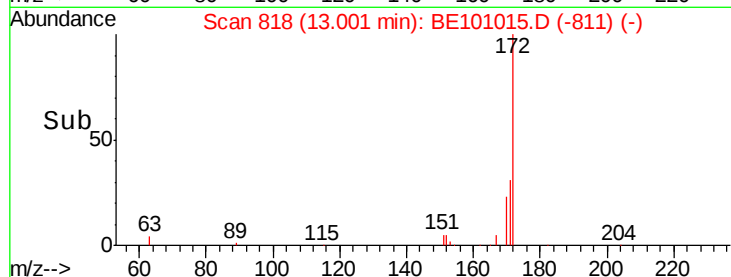
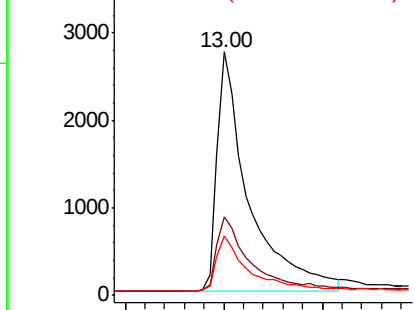
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12115
Ion Ratio Lower Upper
172 100
171 32.4 28.2 42.2
170 24.5 18.9 28.3

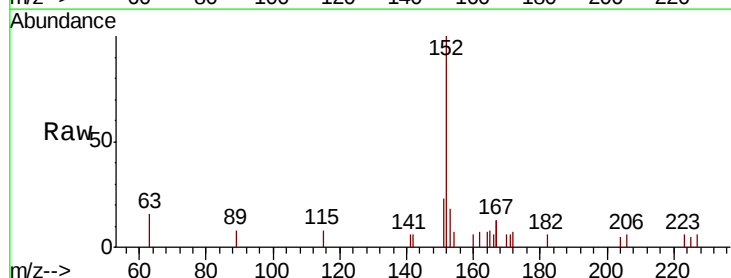


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

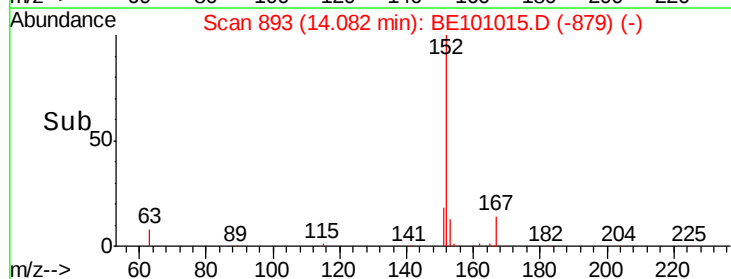
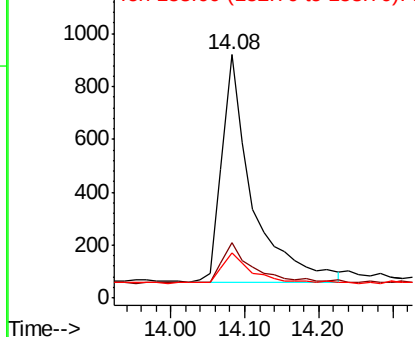


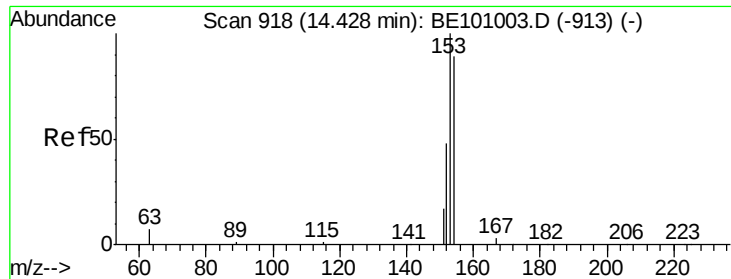
#16
Acenaphthylene
Concen: 0.073 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Tgt Ion:152 Resp: 2459
Ion Ratio Lower Upper
152 100
151 18.3 15.5 23.3
153 15.5 10.4 15.6



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

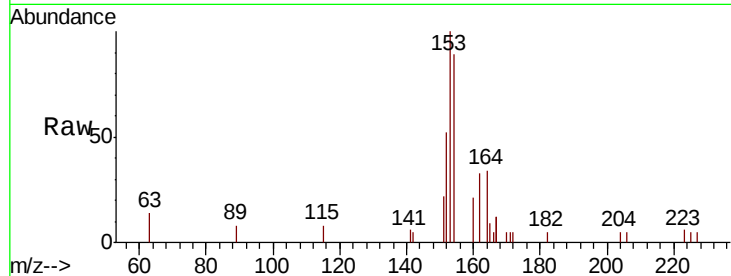




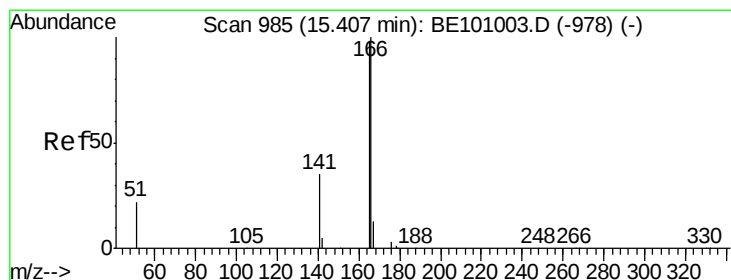
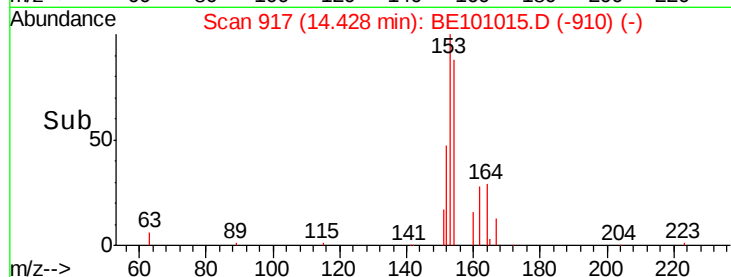
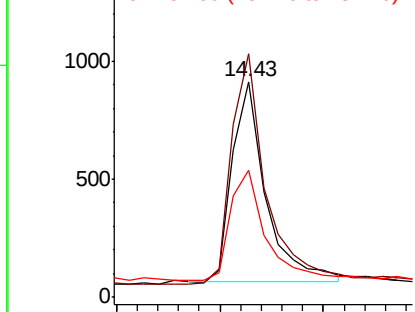
#17
Acenaphthene
Concen: 0.079 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 1913
Ion Ratio Lower Upper
154 100
153 118.9 93.6 140.4
152 58.3 46.3 69.5

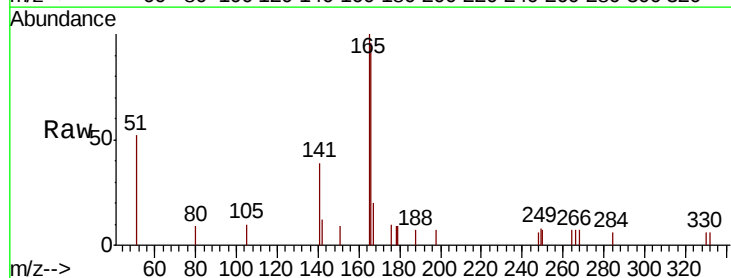


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

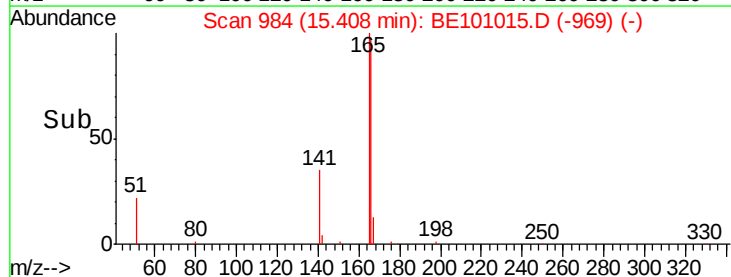
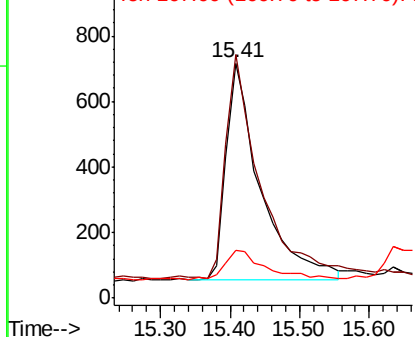


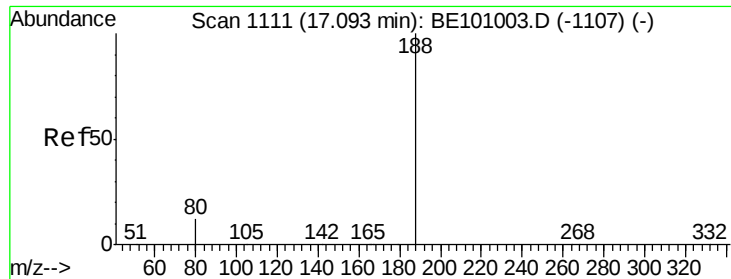
#18
Fluorene
Concen: 0.074 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Tgt Ion:166 Resp: 2256
Ion Ratio Lower Upper
166 100
165 100.8 79.8 119.8
167 15.6 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

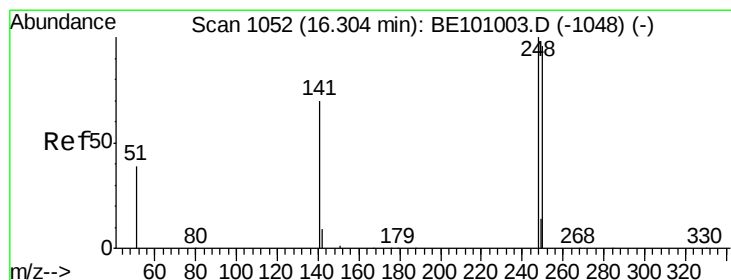
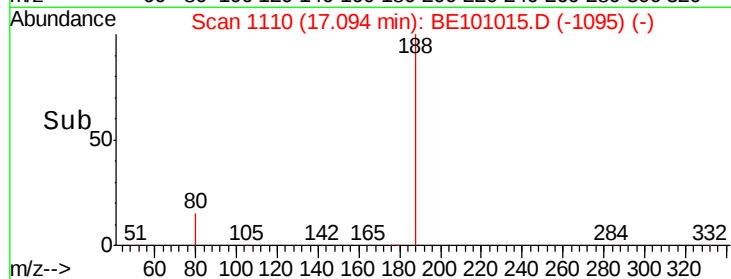
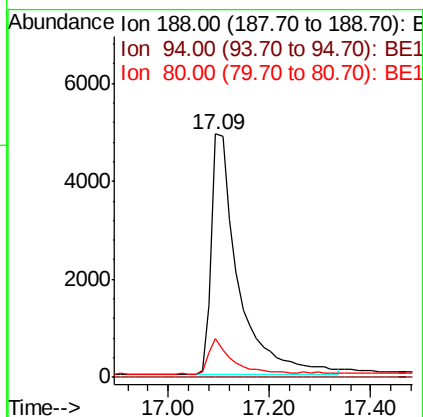
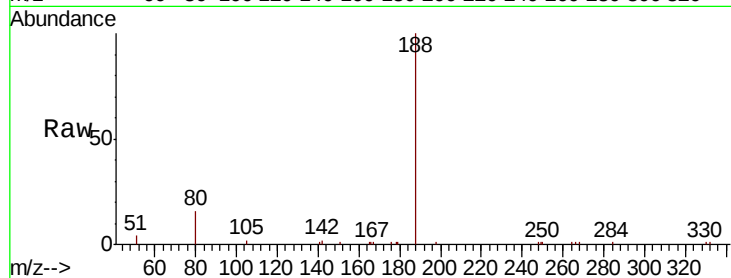




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

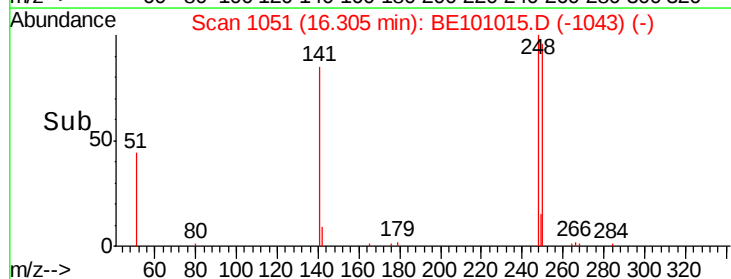
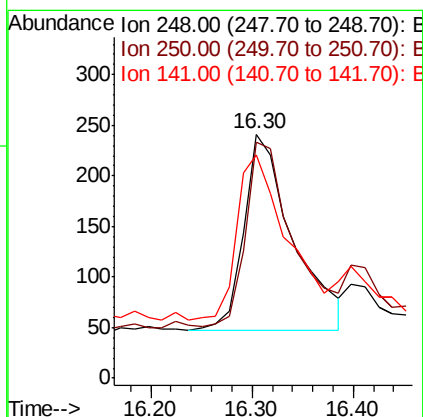
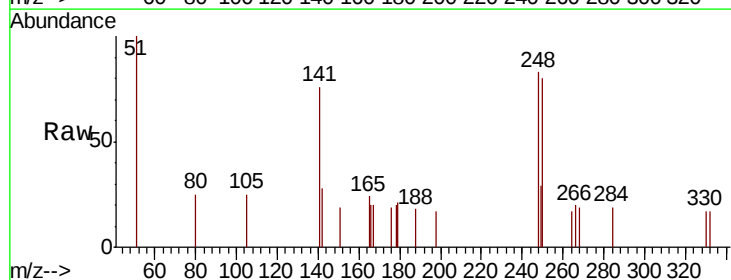
Instrument :
BNA_E
ClientSampleId :

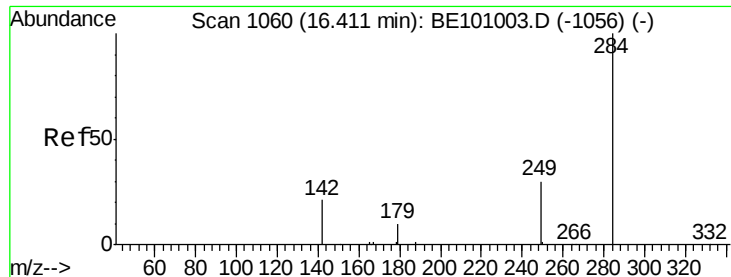
Tot Ion:188 Resp: 18312
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 10.8 16.2#



#20
4-Bromophenyl-phenylether
Concen: 0.073 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Tgt Ion:248 Resp: 648
Ion Ratio Lower Upper
248 100
250 96.7 76.6 115.0
141 91.7 57.7 86.5#





#21

Hexachlorobenzene

Concen: 0.083 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

ClientSampleId :

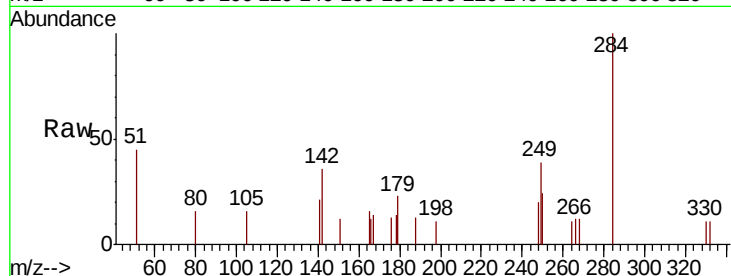
Tot Ion:284 Resp: 815

Ion Ratio Lower Upper

284 100

142 47.6 34.0 51.0

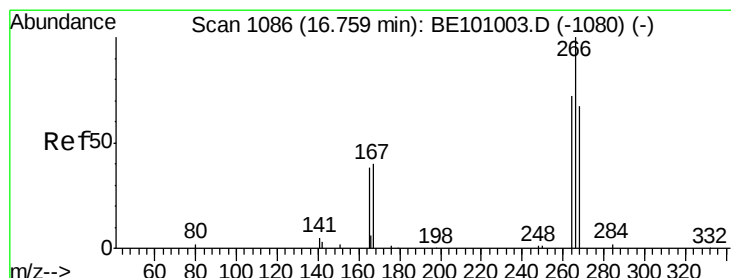
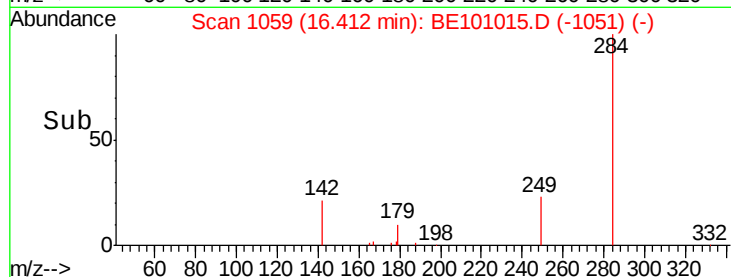
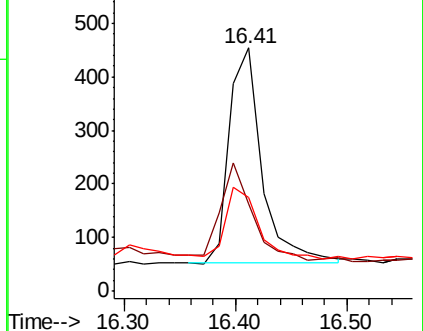
249 33.7 28.2 42.4



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: 0.146 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

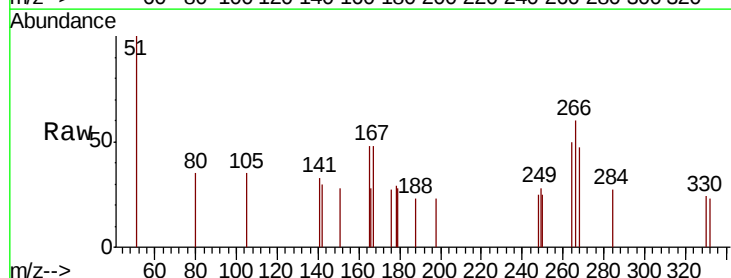
Tgt Ion:266 Resp: 354

Ion Ratio Lower Upper

266 100

264 84.1 61.0 91.4

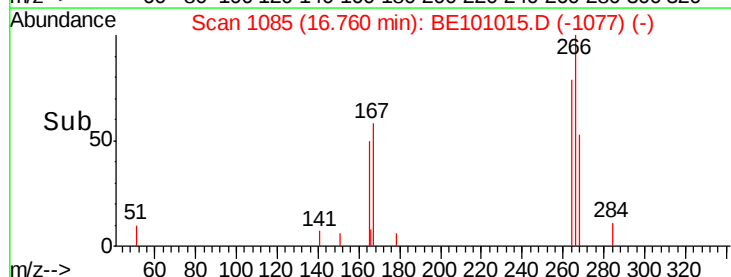
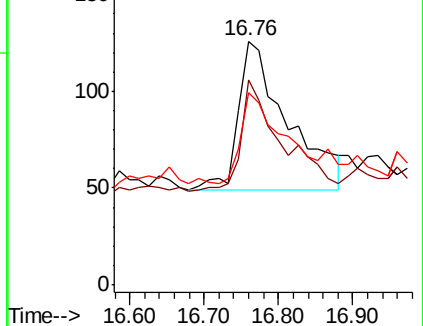
268 78.6 58.5 87.7

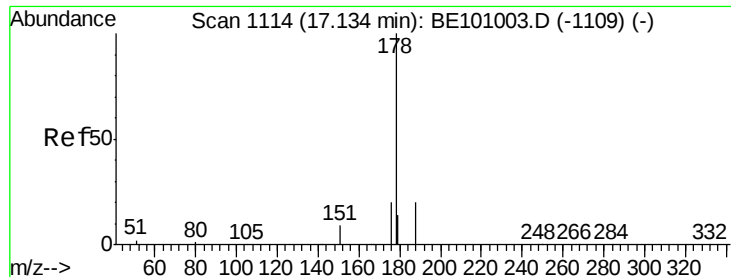


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

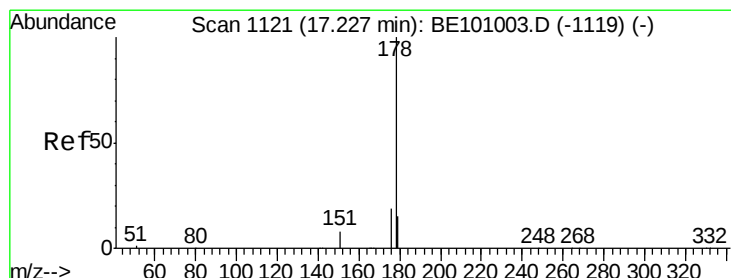
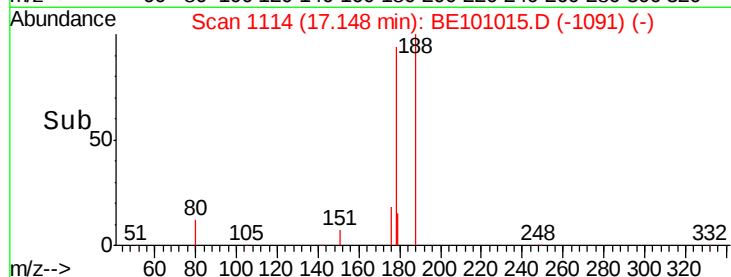
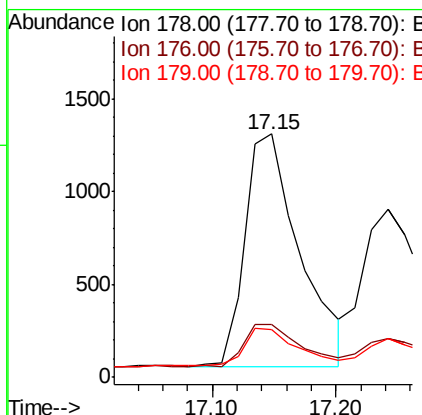
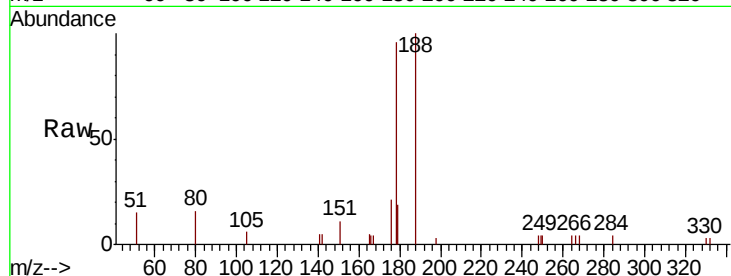




#23
Phenanthrene
Concen: 0.077 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

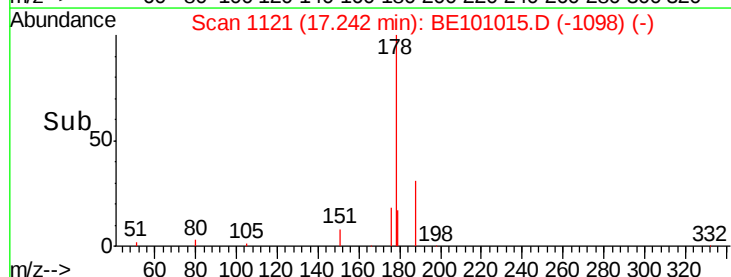
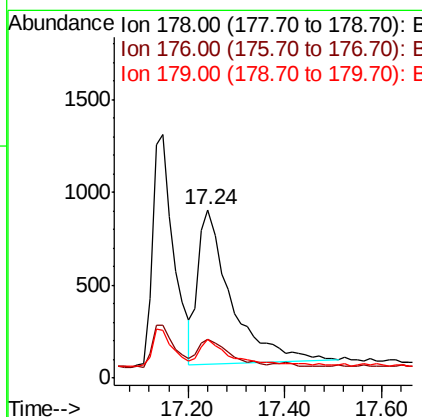
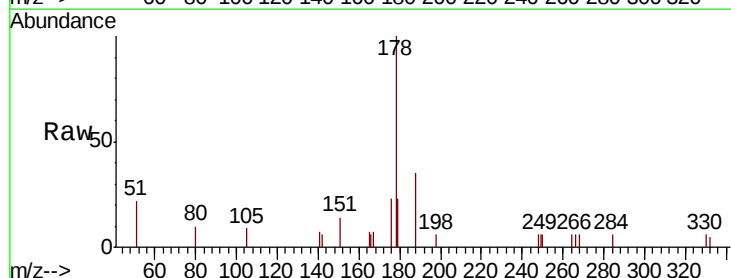
Instrument :
BNA_E
ClientSampleId :

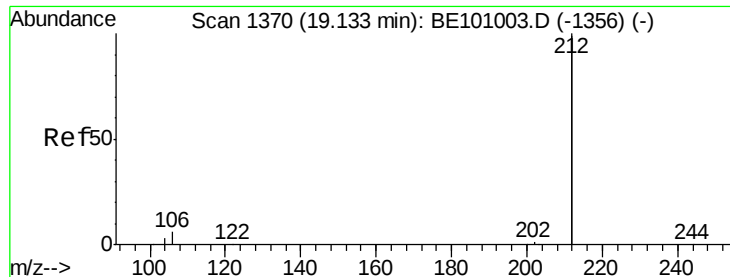
Tot Ion:178 Resp: 3836
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.6 12.0 18.0



#24
Anthracene
Concen: 0.084 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Tgt Ion:178 Resp: 3958
Ion Ratio Lower Upper
178 100
176 15.0 14.8 22.2
179 15.7 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.283 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

ClientSampleId :

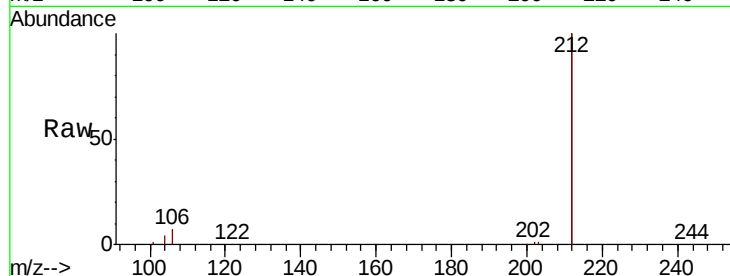
Tot Ion:212 Resp: 71926

Ion Ratio Lower Upper

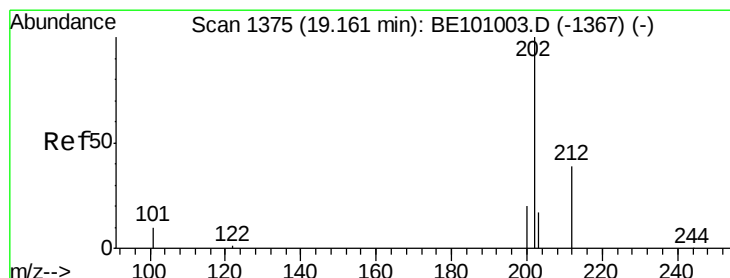
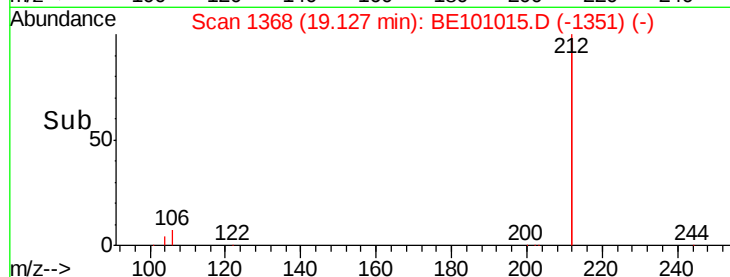
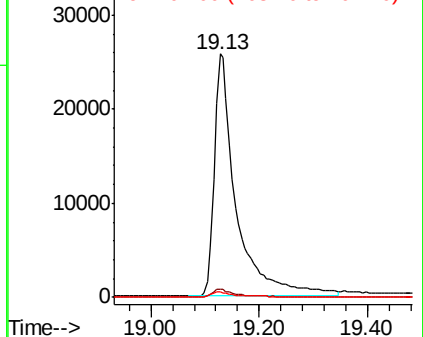
212 100

106 3.3 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: 0.074 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

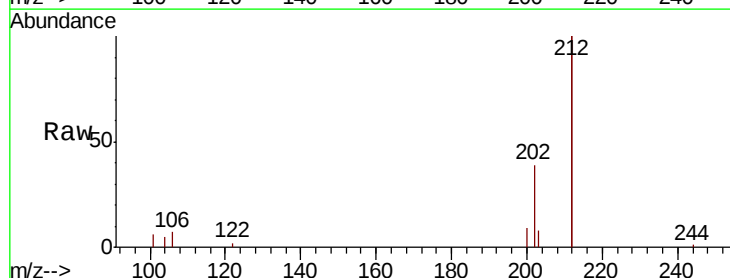
Tgt Ion:202 Resp: 4622

Ion Ratio Lower Upper

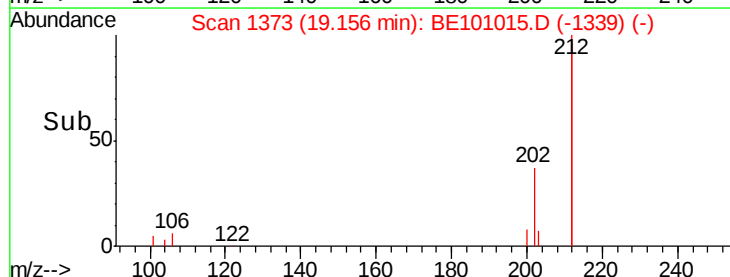
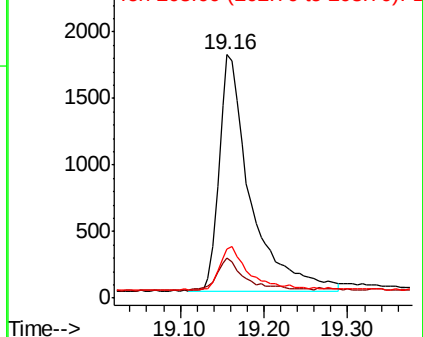
202 100

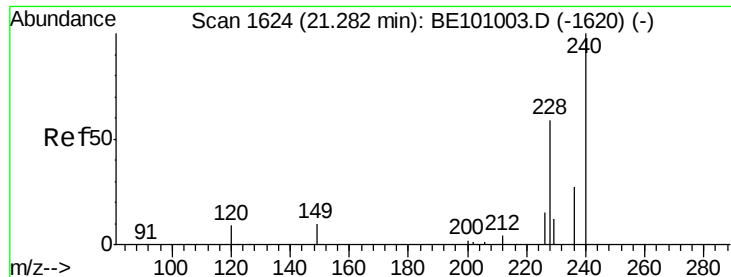
101 12.7 9.6 14.4

203 17.2 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

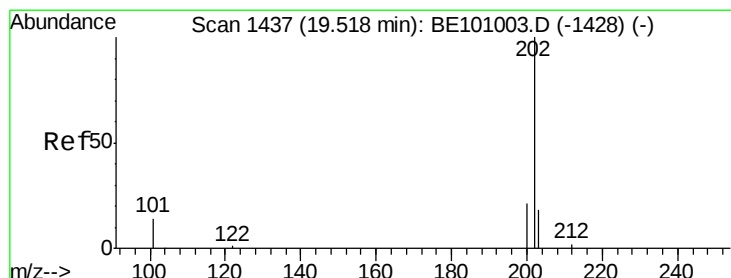
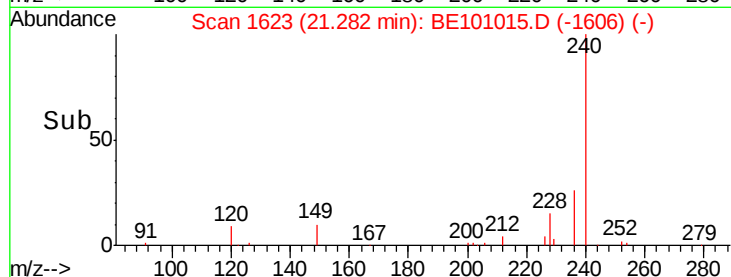
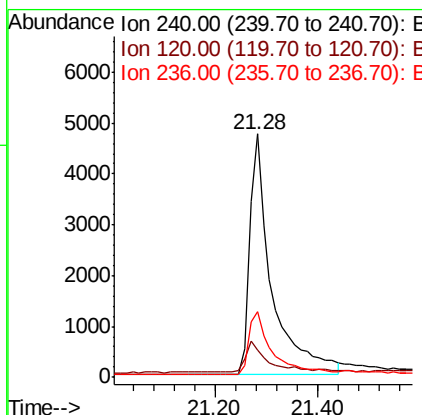
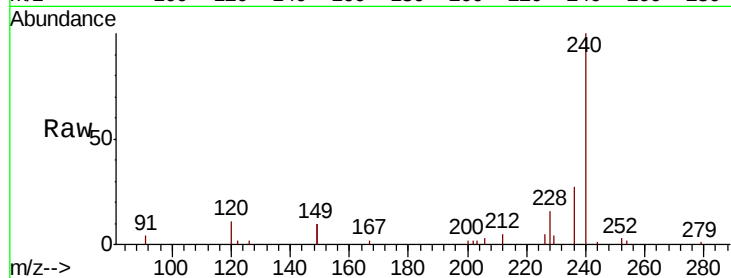




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE101015.D
 Acq: 9 Jan 2020 17:28

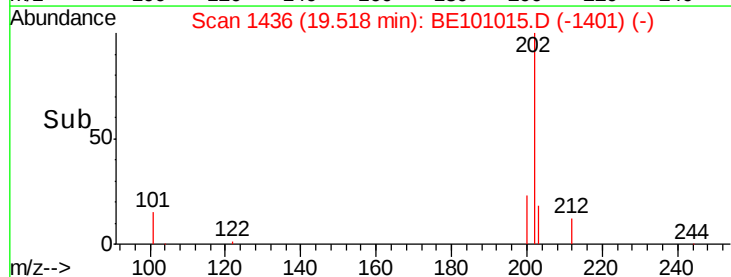
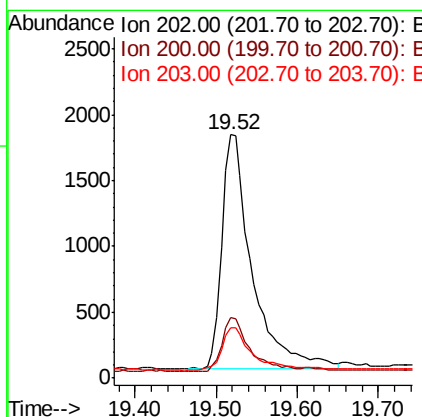
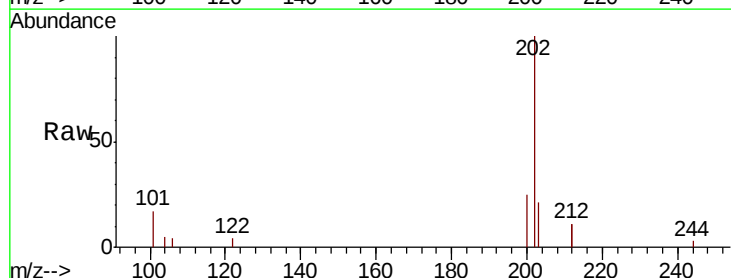
Instrument :
 BNA_E
 ClientSampleId :

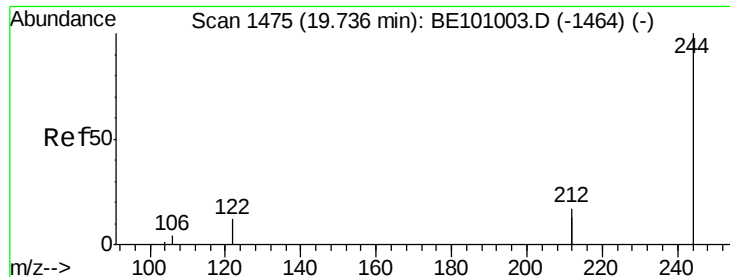
Tot Ion:240 Resp: 14128
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.6 13.0
 236 26.8 22.2 33.4



#28
 Pyrene
 Concen: 0.088 ng
 RT: 19.52 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE101015.D
 Acq: 9 Jan 2020 17:28

Tgt Ion:202 Resp: 4633
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.0 25.4
 203 18.5 13.8 20.6

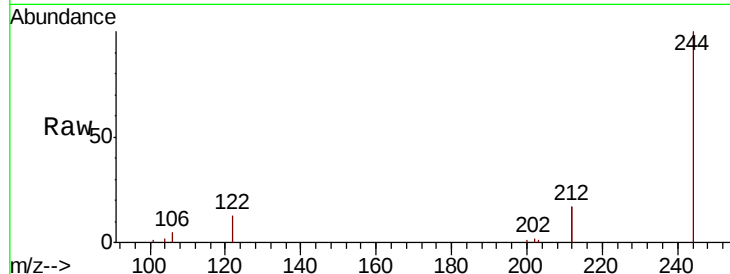




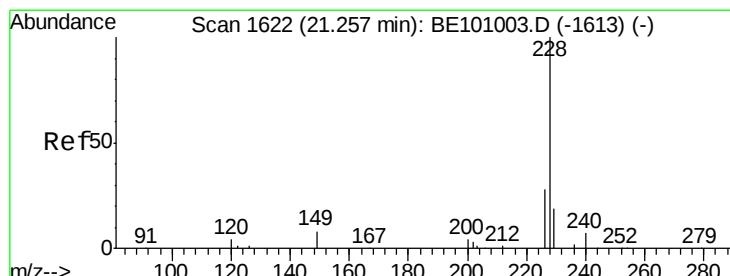
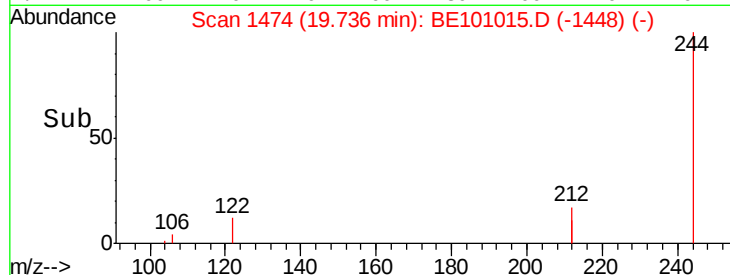
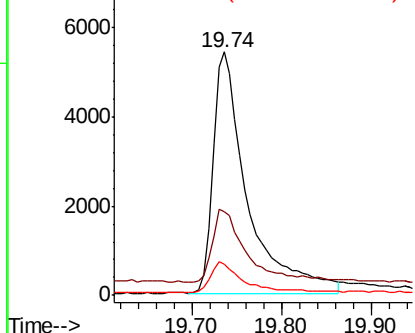
#29
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BE101015.D
 Acq: 9 Jan 2020 17:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 14312
 Ion Ratio Lower Upper
 244 100
 212 34.2 27.2 40.8
 122 12.8 9.8 14.8

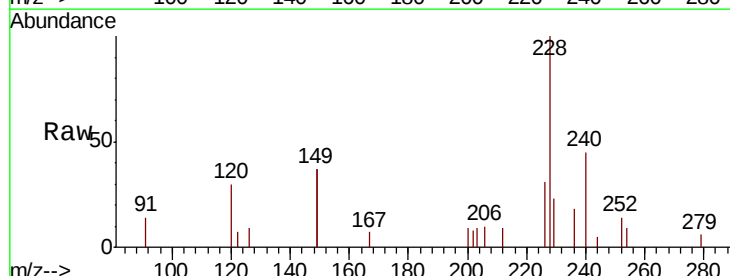


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

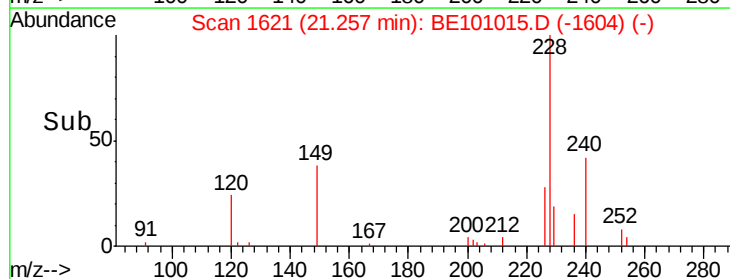
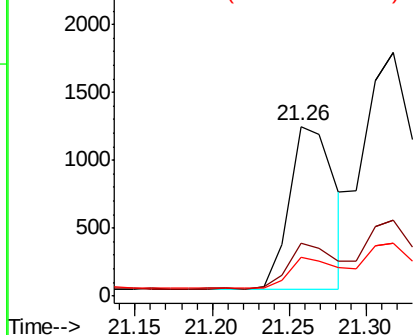


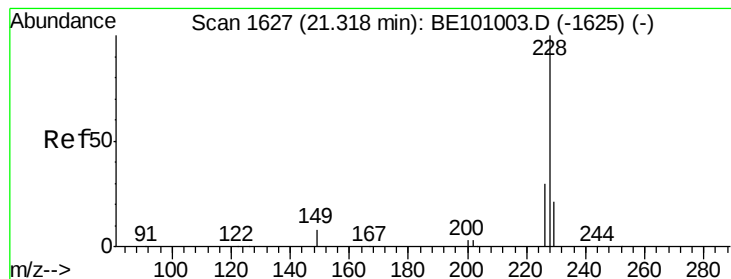
#30
 Benzo(a)anthracene
 Concen: 0.061 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BE101015.D
 Acq: 9 Jan 2020 17:28

Tgt Ion:228 Resp: 2471
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.7 34.1
 229 23.1 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: 0.101 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

ClientSampleId :

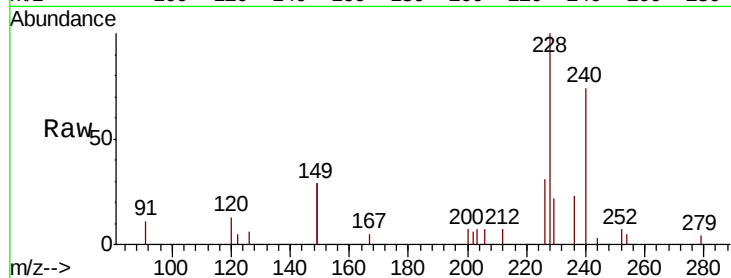
Tot Ion:228 Resp: 6035

Ion Ratio Lower Upper

228 100

226 31.0 23.5 35.3

229 21.9 16.7 25.1

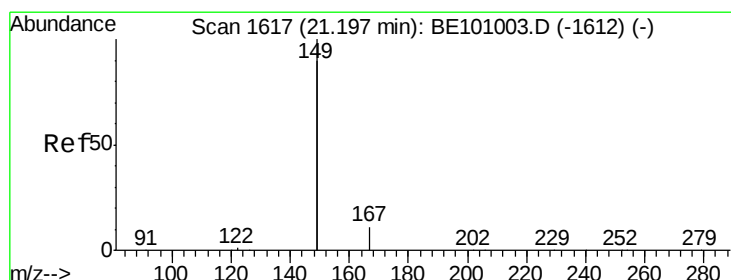
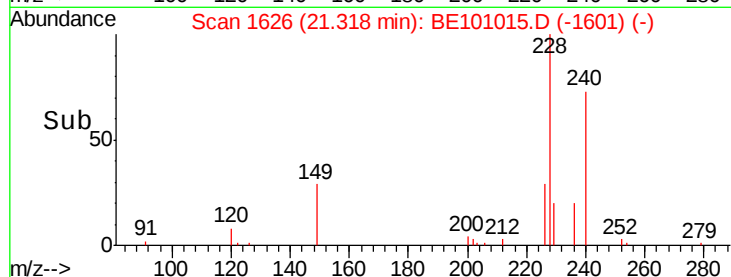
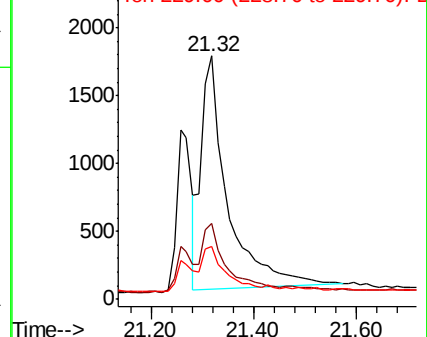


Abundance

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: 0.078 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

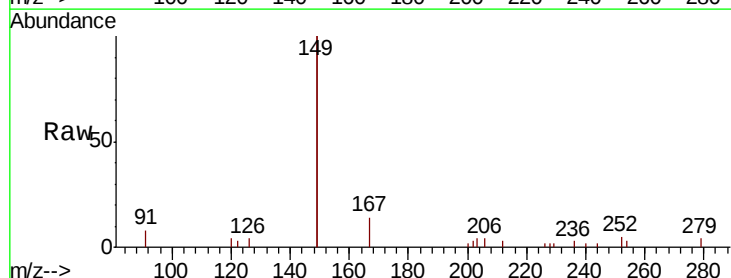
Tgt Ion:149 Resp: 5249

Ion Ratio Lower Upper

149 100

167 6.7 5.2 7.8

279 1.4 0.8 1.2#

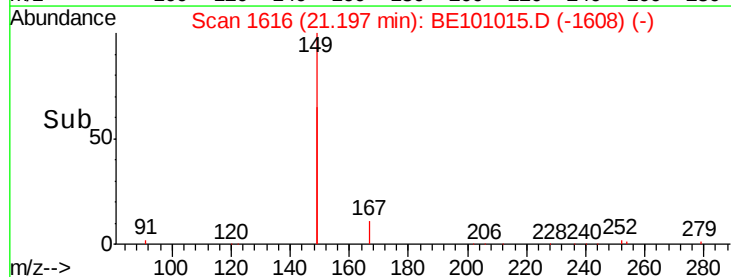
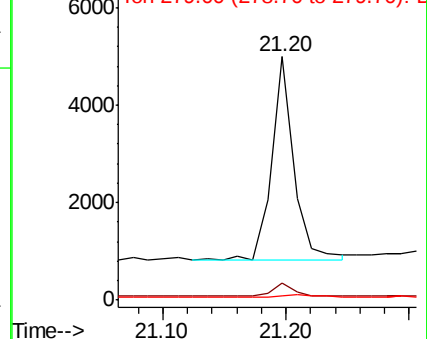


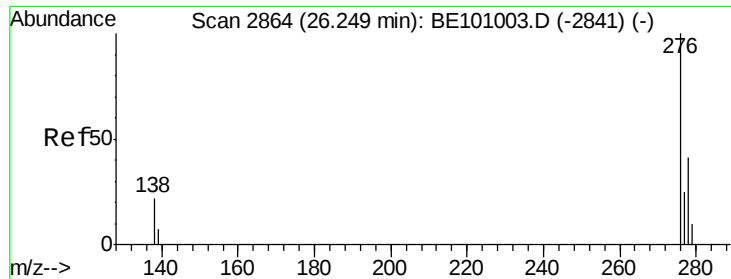
Abundance

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

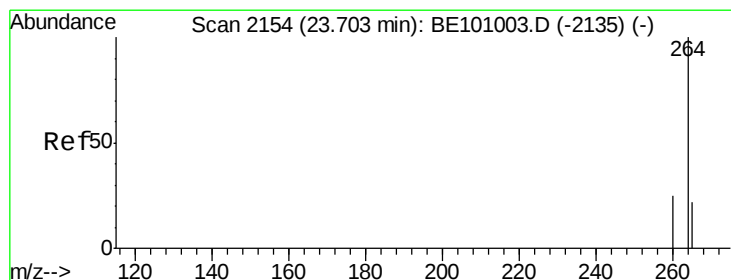
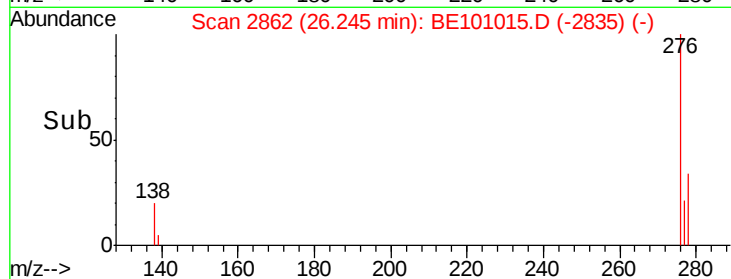
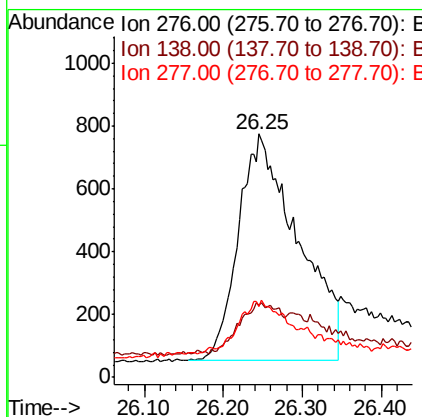
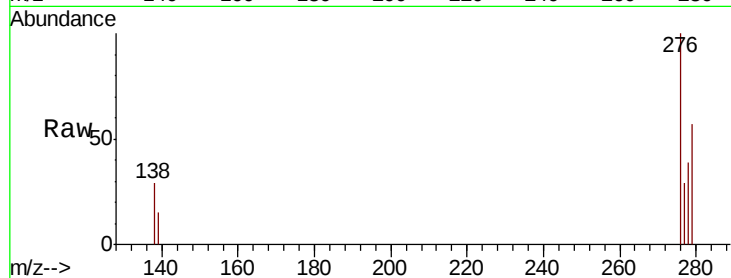




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng
RT: 26.25 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

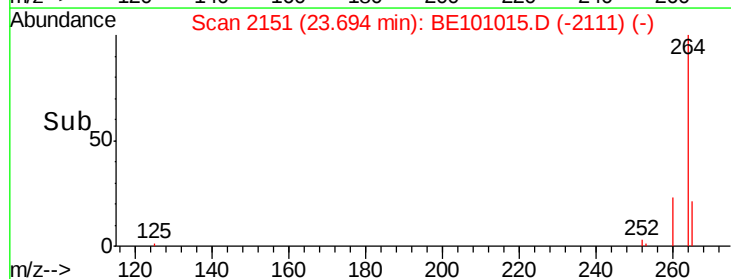
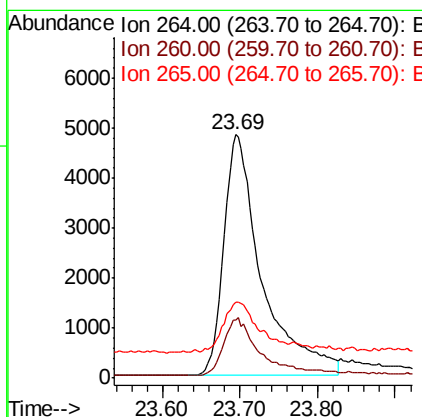
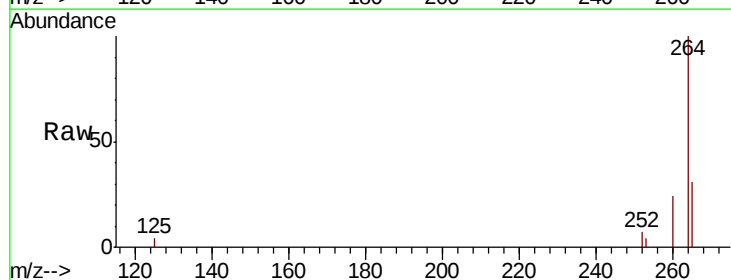
Instrument :
BNA_E
ClientSampleId :

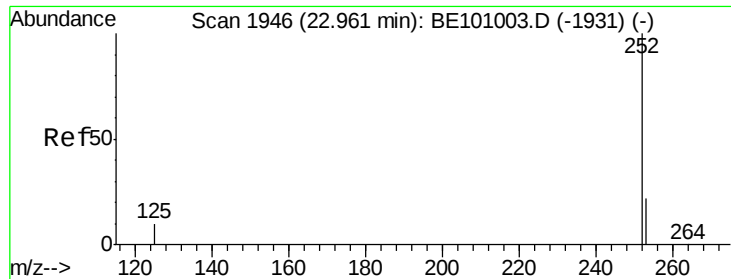
Tot Ion:276 Resp: 3766
Ion Ratio Lower Upper
276 100
138 10.4 16.1 24.1#
277 7.0 18.1 27.1#



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Tgt Ion:264 Resp: 16381
Ion Ratio Lower Upper
264 100
260 23.8 20.3 30.5
265 31.2 27.0 40.4

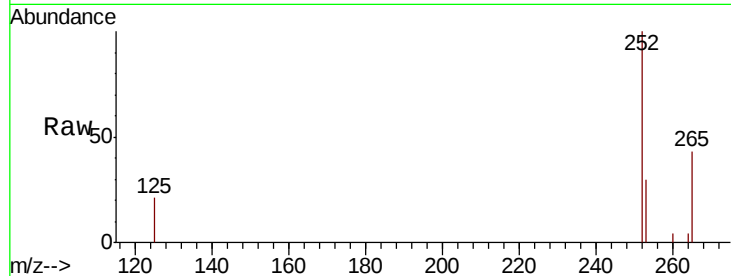




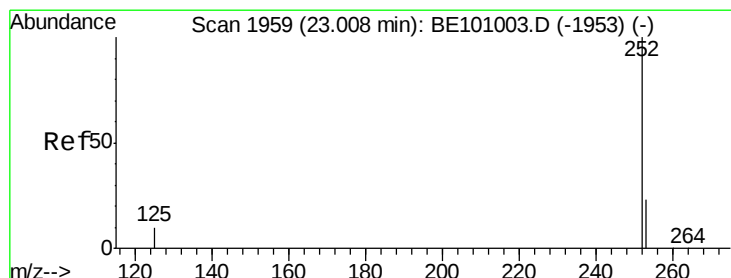
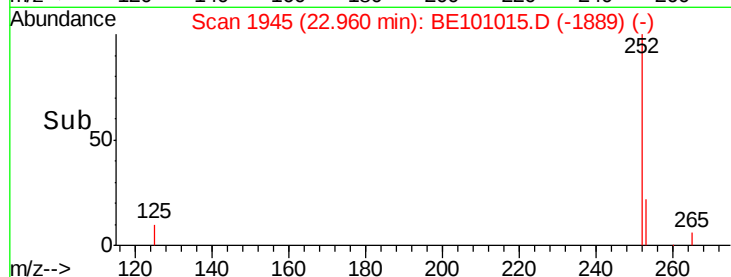
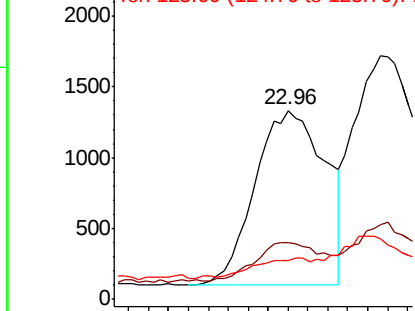
#35
Benzo(b)fluoranthene
Concen: 0.066 ng
RT: 22.96 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 3028
Ion Ratio Lower Upper
252 100
253 30.2 18.5 27.7#
125 20.9 9.5 14.3#

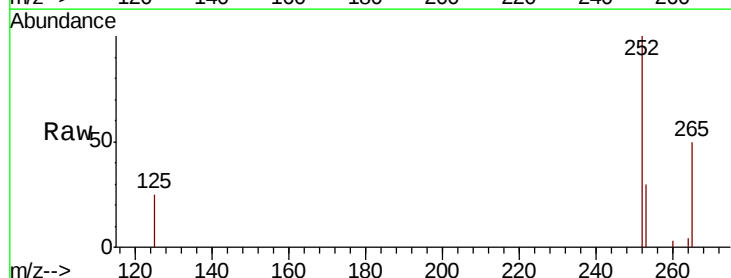


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

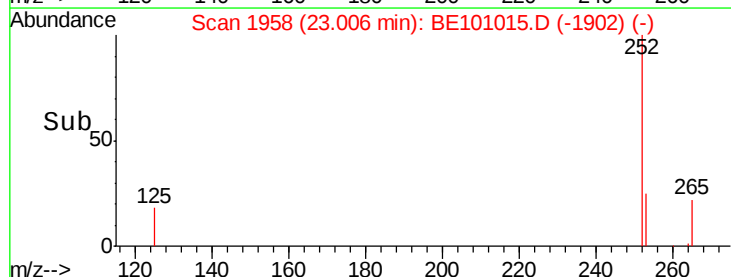
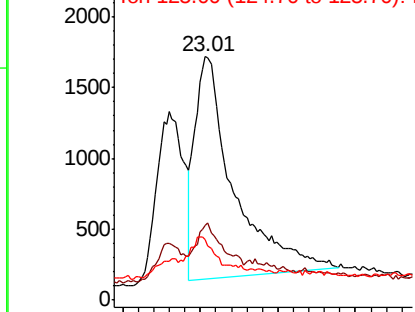


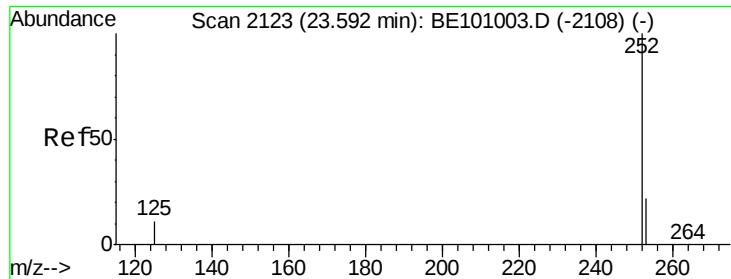
#36
Benzo(k)fluoranthene
Concen: 0.083 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE101015.D
Acq: 9 Jan 2020 17:28

Tgt Ion:252 Resp: 5534
Ion Ratio Lower Upper
252 100
253 30.5 18.9 28.3#
125 25.0 10.1 15.1#



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





#37

Benzo(a)pyrene

Concen: 0.067 ng

RT: 23.59 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

ClientSampleId :

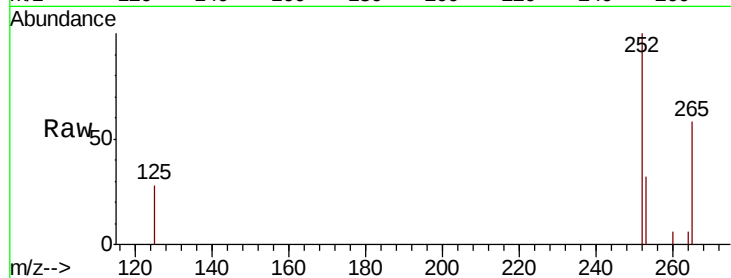
Tot Ion:252 Resp: 2978

Ion Ratio Lower Upper

252 100

253 31.9 19.4 29.2#

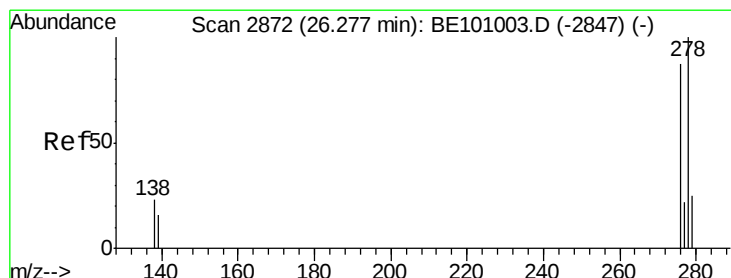
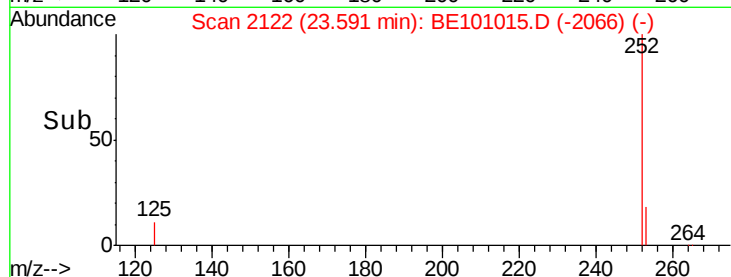
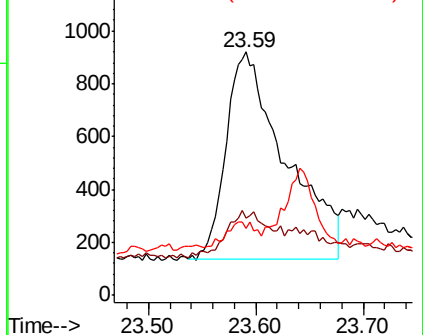
125 27.6 11.8 17.6#



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: 0.065 ng

RT: 26.27 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

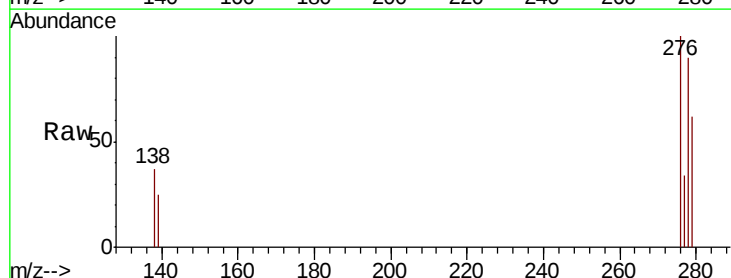
Tgt Ion:278 Resp: 2643

Ion Ratio Lower Upper

278 100

139 28.1 15.0 22.4#

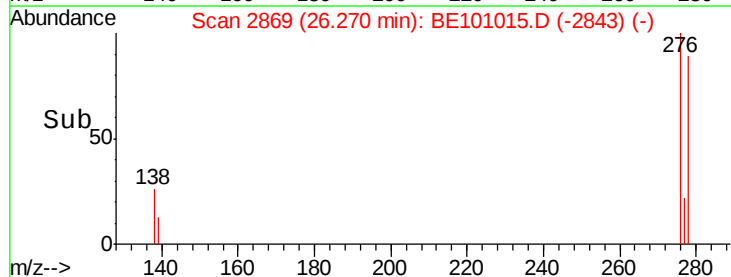
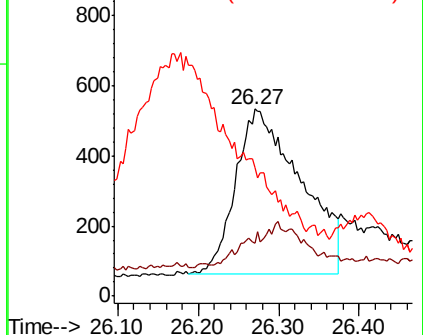
279 69.0 22.6 33.8#

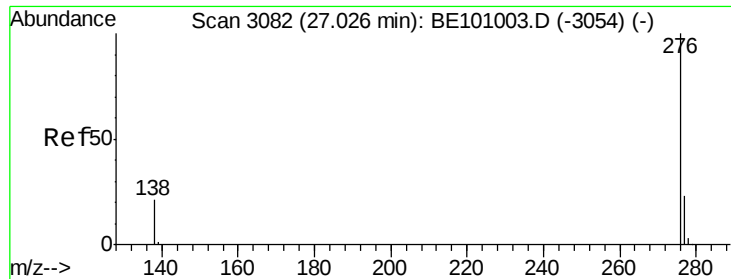


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.072 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

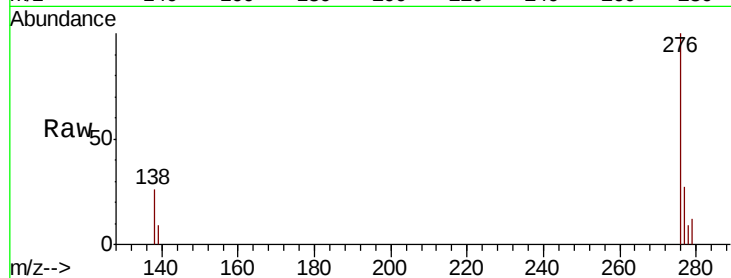
Lab File: BE101015.D

Acq: 9 Jan 2020 17:28

Instrument :

BNA_E

ClientSampleId :



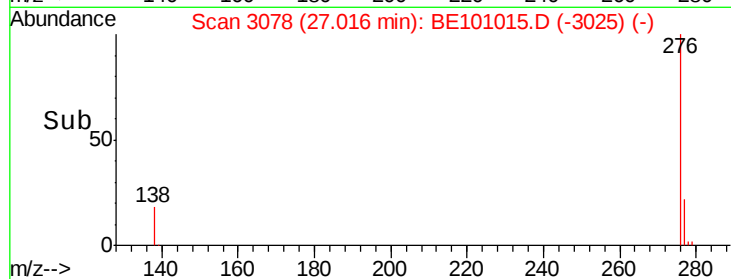
Tot Ion: 276 Resp: 3644

Ion Ratio Lower Upper

276 100

277 26.5 19.4 29.2

138 25.9 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

