

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
 Data File : BE101039.D
 Acq On : 13 Jan 2020 15:22
 Operator : JU
 Sample : K3591-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 13 16:37:10 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	2860	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13292	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8344	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	17901	0.40	ng	0.01
27) Chrysene-d12	21.28	240	13963	0.40	ng	0.00
34) Perylene-d12	23.70	264	14386	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1892	0.29	ng	0.00
5) Phenol-d6	6.93	99	1862	0.23	ng	0.01
8) Nitrobenzene-d5	8.90	82	1963	0.21	ng	0.02
11) 2-Methylnaphthalene-d10	12.12	152	7988	0.31	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	435	0.18	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	12019	0.38	ng	0.01
25) Fluoranthene-d10	19.13	212	69165	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	13933	0.41	ng	0.00

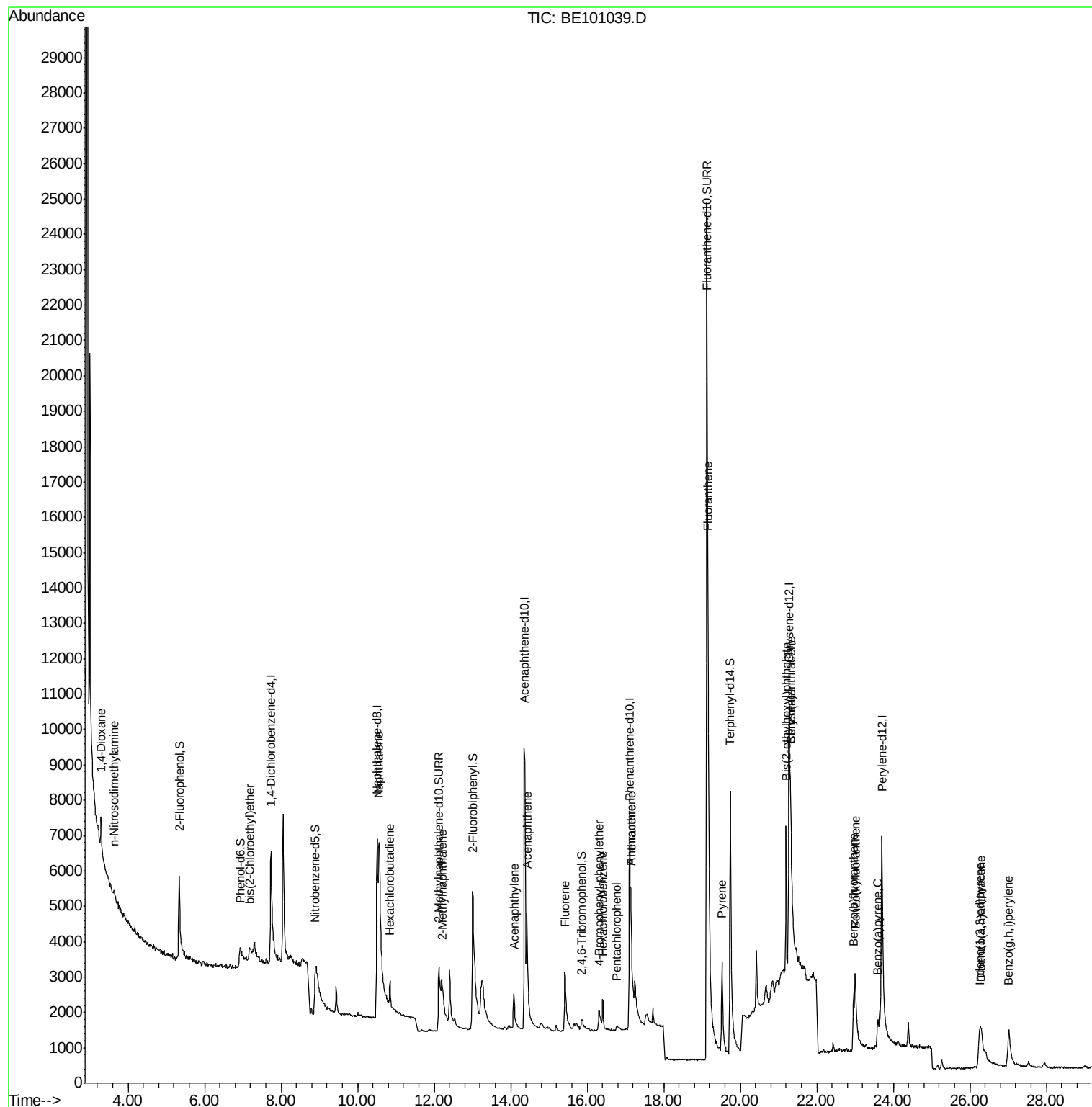
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1389	0.190	ng	# 65
3) n-Nitrosodimethylamine	3.62	42	81	0.020	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	449	0.046	ng	# 77
9) Naphthalene	10.56	128	12602	0.085	ng	# 97
10) Hexachlorobutadiene	10.85	225	570	0.091	ng	98
12) 2-Methylnaphthalene	12.21	142	1797	0.080	ng	89
16) Acenaphthylene	14.08	152	2003	0.059	ng	96
17) Acenaphthene	14.43	154	1884	0.077	ng	98
18) Fluorene	15.41	166	2385	0.078	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	600	0.069	ng	93
21) Hexachlorobenzene	16.41	284	812	0.085	ng	99
22) Pentachlorophenol	16.77	266	225	0.095	ng	# 87
23) Phenanthrene	17.15	178	3645	0.075	ng	99
24) Anthracene	17.15	178	3645	0.079	ng	98
26) Fluoranthene	19.16	202	4586	0.075	ng	98
28) Pyrene	19.52	202	4292	0.083	ng	99
30) Benzo(a)anthracene	21.32	228	4137	0.104	ng	96
31) Chrysene	21.32	228	5733	0.097	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	4815	0.073	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.25	276	3122	0.067	ng	# 80
35) Benzo(b)fluoranthene	22.96	252	2715	0.067	ng	# 83
36) Benzo(k)fluoranthene	23.01	252	5125	0.088	ng	# 78
37) Benzo(a)pyrene	23.59	252	2012	0.052	ng	# 75
38) Dibenzo(a,h)anthracene	26.29	278	1472	0.041	ng	# 60
39) Benzo(g,h,i)perylene	27.02	276	3538	0.080	ng	# 88

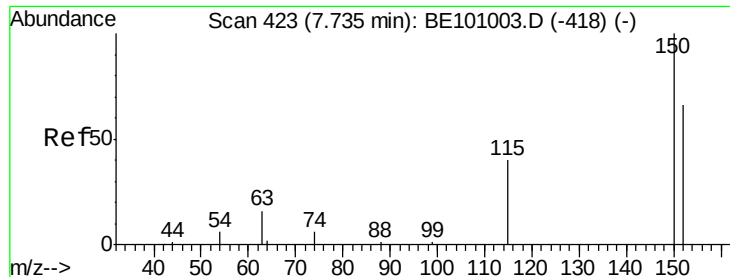
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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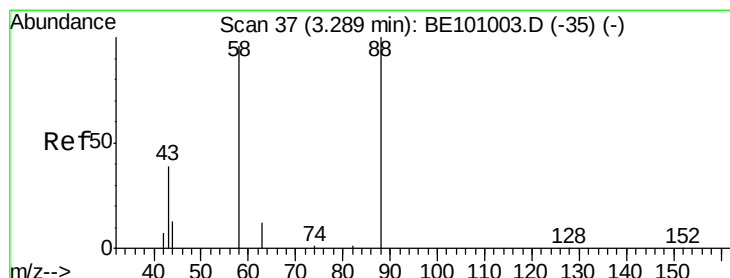
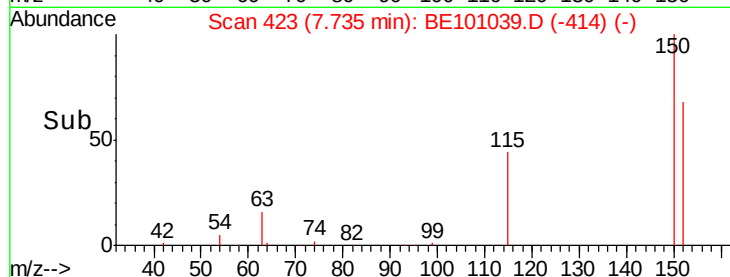
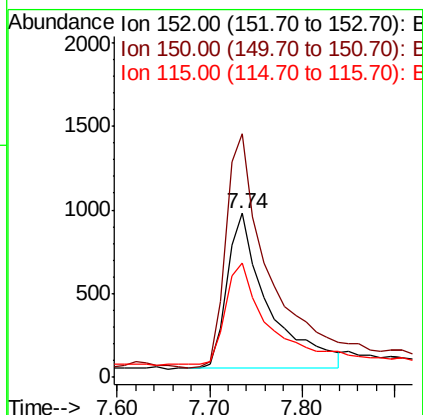
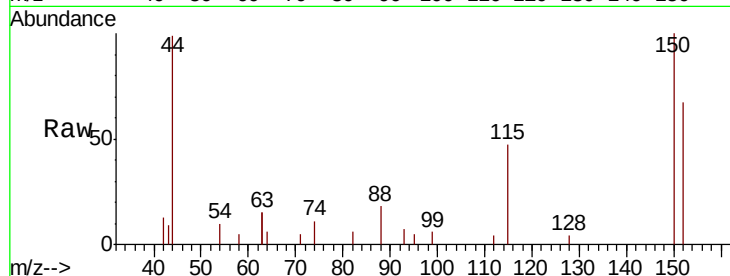


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

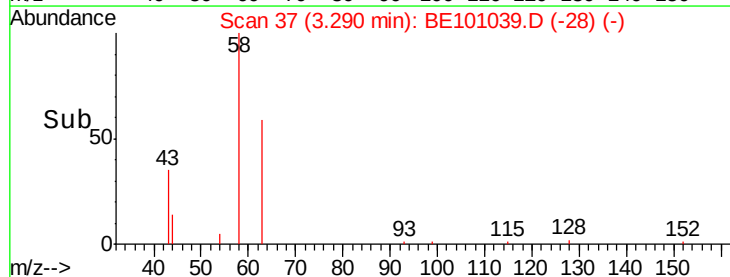
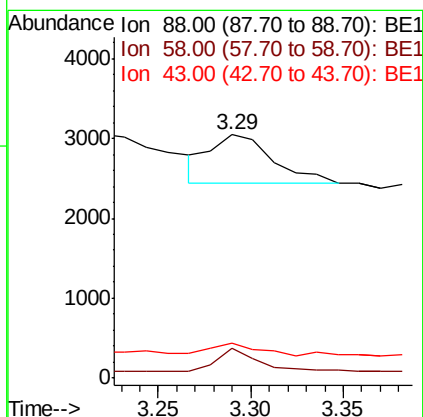
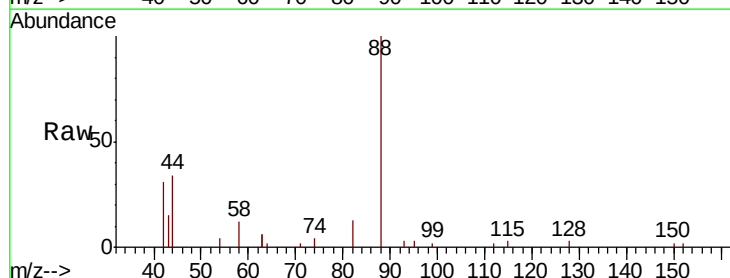
Tot Ion:152 Resp: 2860
Ion Ratio Lower Upper
152 100
150 148.5 120.3 180.5
115 69.5 51.7 77.5

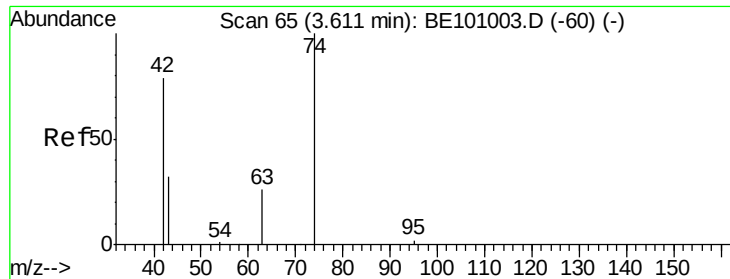


#2

1,4-Dioxane
Concen: 0.190 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Tgt Ion: 88 Resp: 1389
Ion Ratio Lower Upper
88 100
58 32.6 53.0 79.4#
43 19.0 23.4 35.2#





#3

n-Nitrosodimethylamine

Concen: 0.020 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.01 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

Instrument :

BNA_E

ClientSampled :

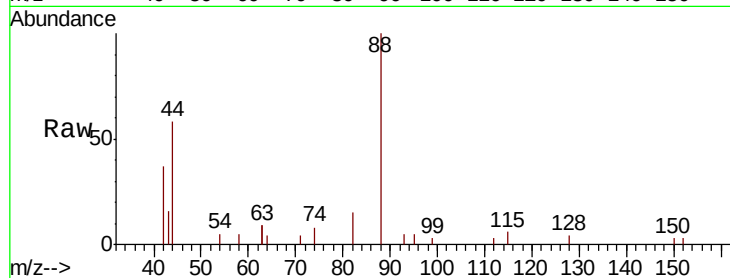
Tot Ion: 42 Resp: 81

Ion Ratio Lower Upper

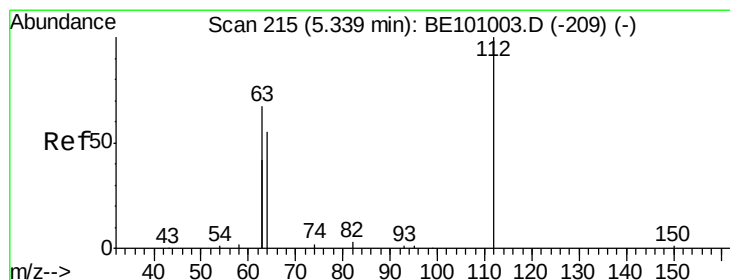
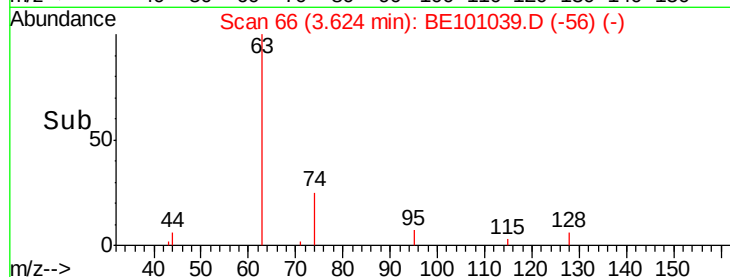
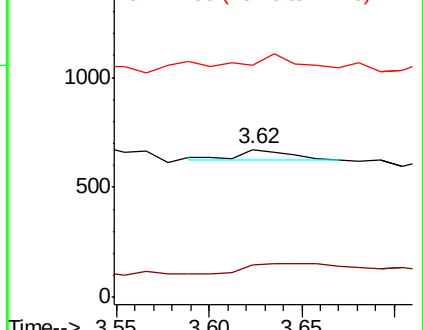
42 100

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: 0.294 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

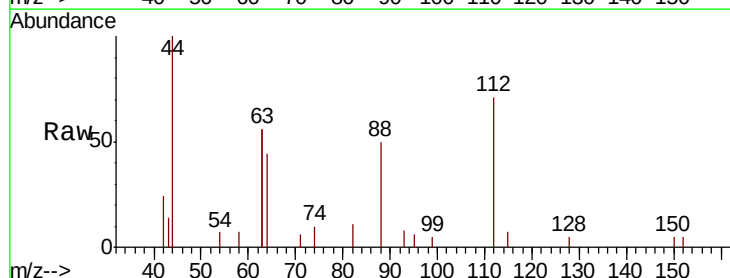
Tgt Ion: 112 Resp: 1892

Ion Ratio Lower Upper

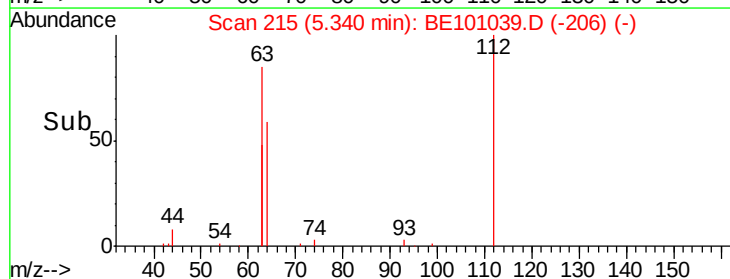
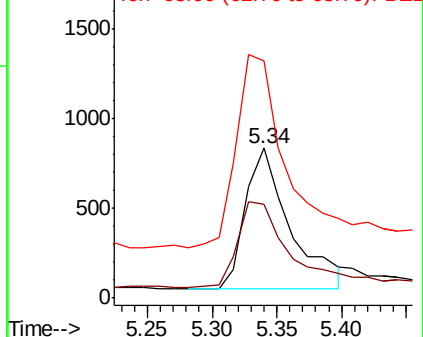
112 100

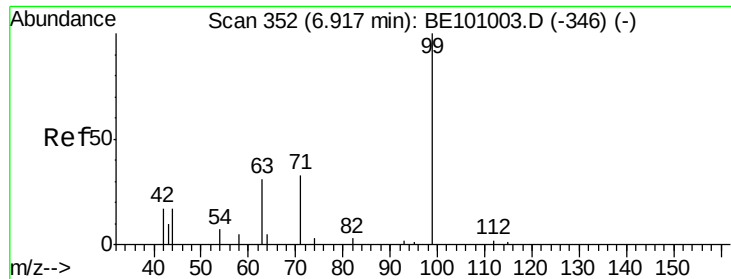
64 67.1 53.6 80.4

63 148.8 114.6 172.0



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





#5

Phenol-d6

Concen: 0.229 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.01 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

Instrument :

BNA_E

ClientSampled :

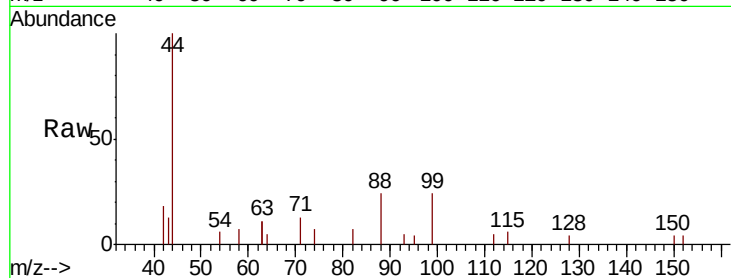
Tot Ion: 99 Resp: 1862

Ion Ratio Lower Upper

99 100

42 19.8 18.3 27.5

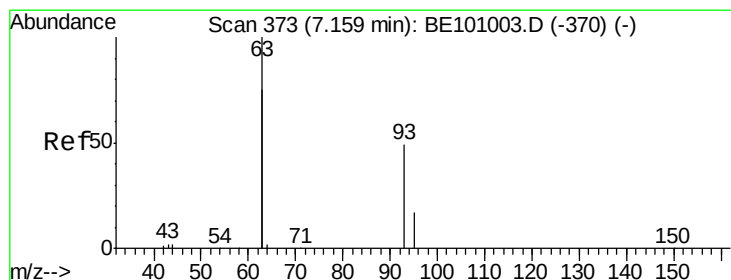
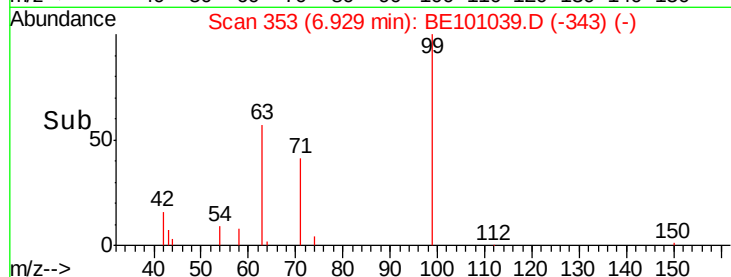
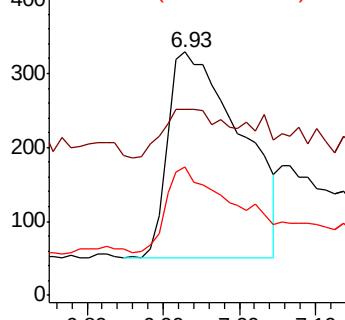
71 38.2 28.0 42.0



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: 0.046 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.02 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

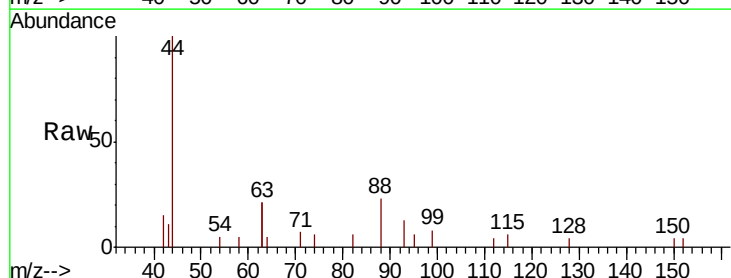
Tgt Ion: 93 Resp: 449

Ion Ratio Lower Upper

93 100

63 334.5 233.9 350.9

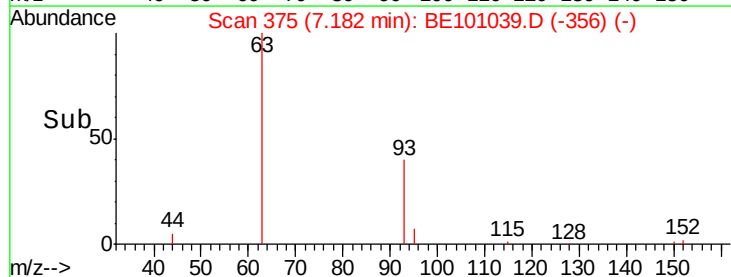
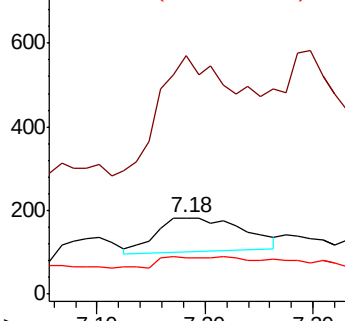
95 13.4 23.5 35.3#

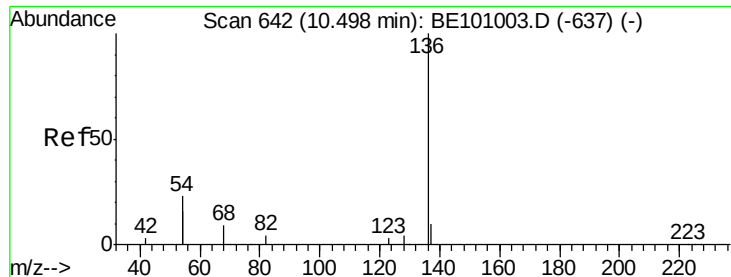


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE101039.D

Acq: 13 Jan 2020 15:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13292

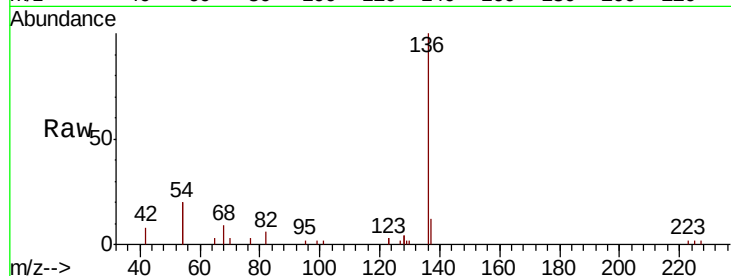
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 39.9 36.8 55.2

68 8.7 8.4 12.6

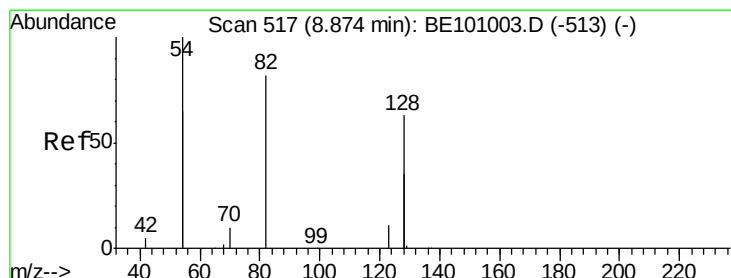
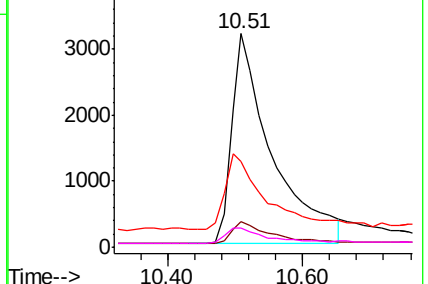
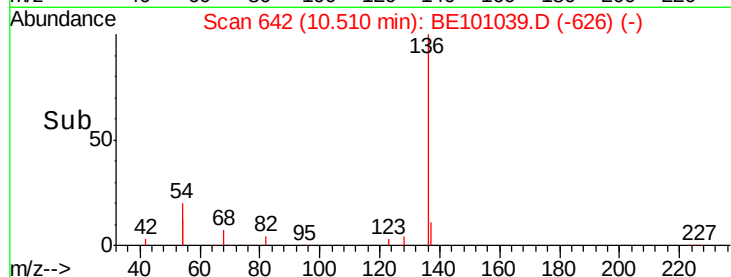


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.206 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.02 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

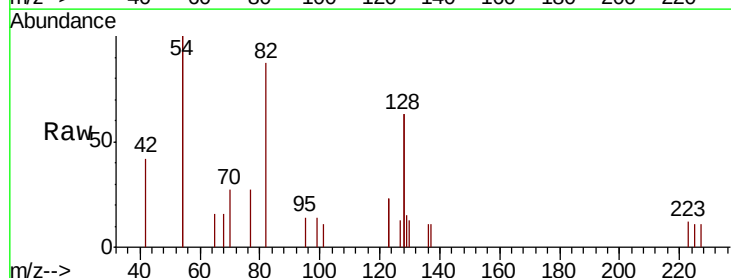
Tgt Ion: 82 Resp: 1963

Ion Ratio Lower Upper

82 100

128 145.5 109.8 164.6

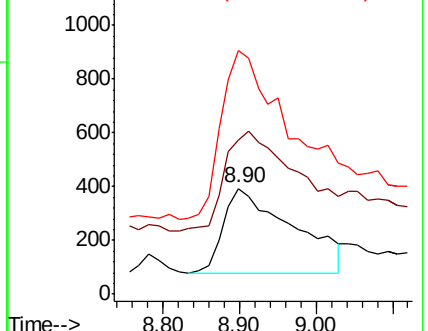
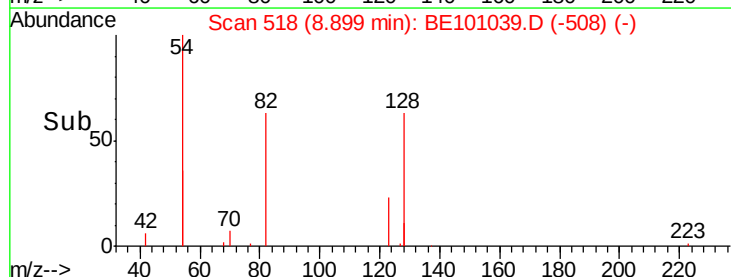
54 230.5 174.5 261.7

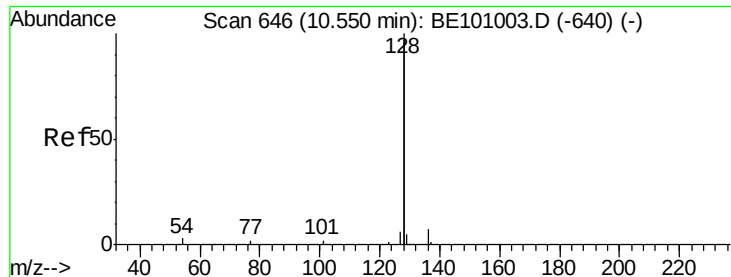


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

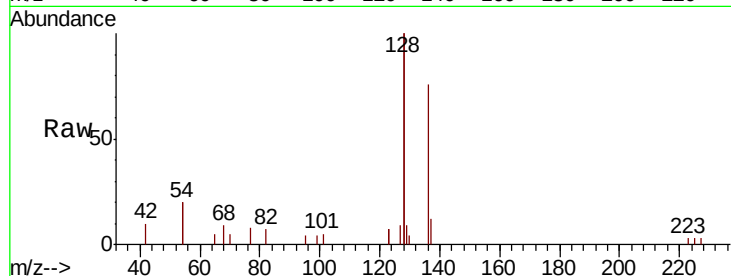




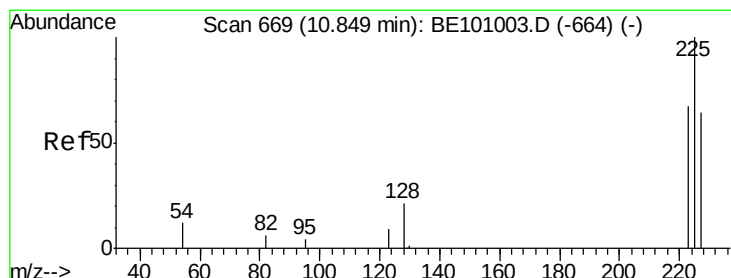
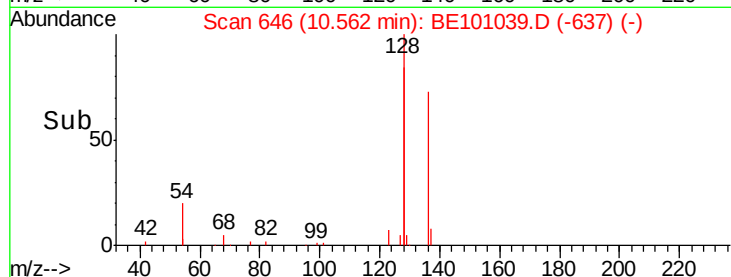
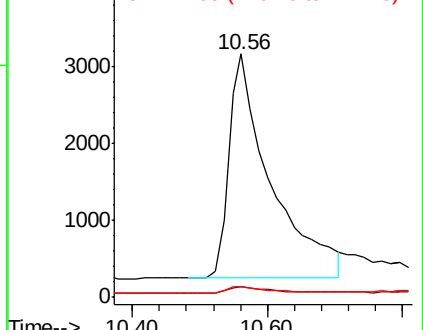
#9
Naphthalene
Concen: 0.085 ng
RT: 10.56 min Scan# 646
Delta R.T. 0.01 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 12602
Ion Ratio Lower Upper
128 100
129 4.3 2.3 3.5#
127 4.3 2.7 4.1#

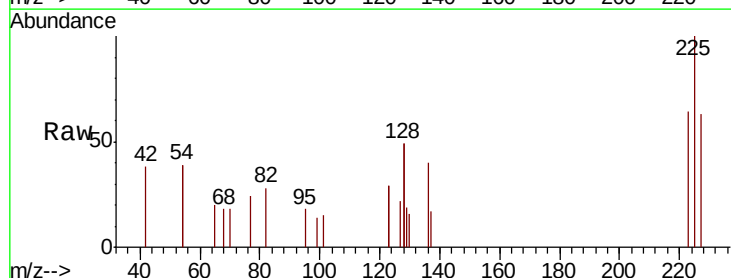


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

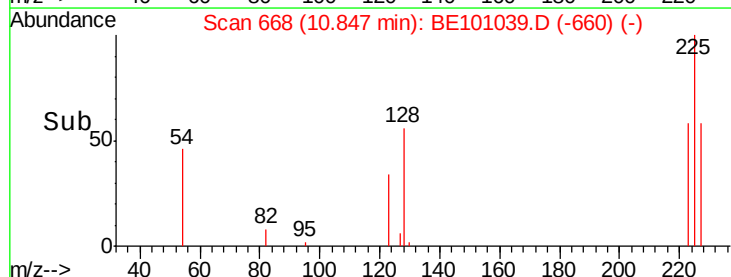
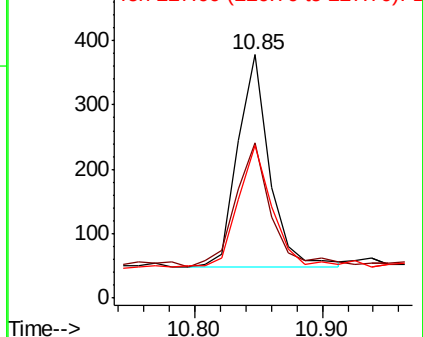


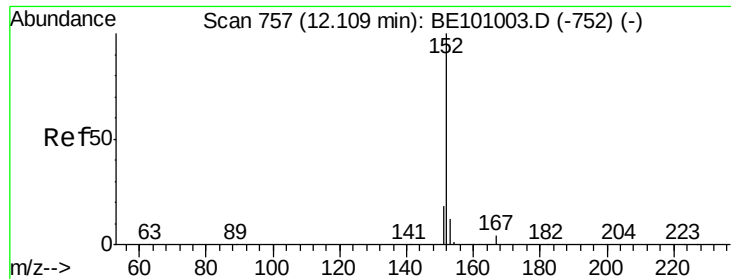
#10
Hexachlorobutadiene
Concen: 0.091 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Tgt Ion:225 Resp: 570
Ion Ratio Lower Upper
225 100
223 66.7 52.2 78.4
227 60.5 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

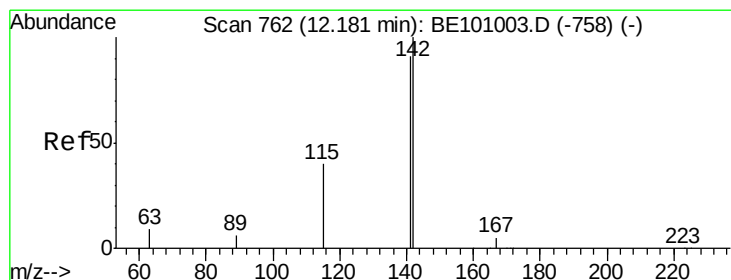
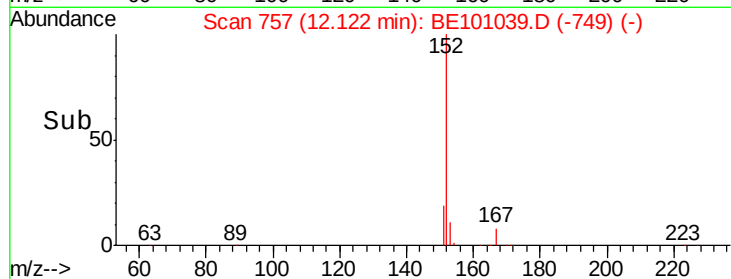
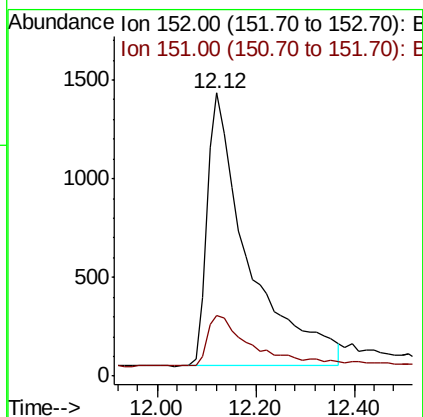
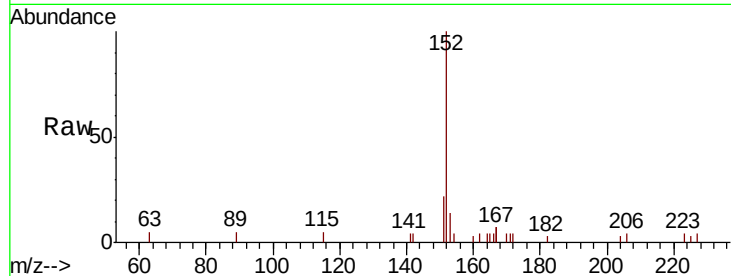




#11
 2-Methylnaphthalene-d10
 Concen: 0.315 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

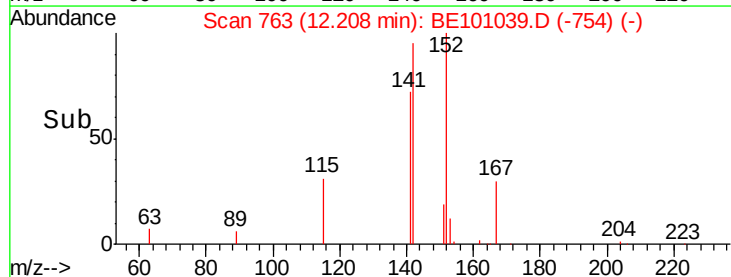
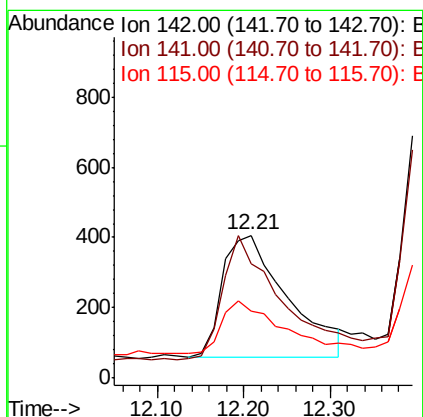
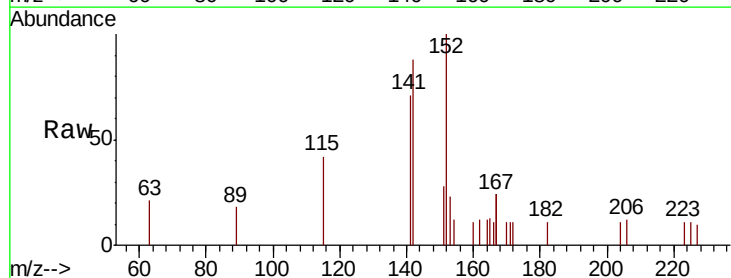
Instrument :
 BNA_E
 ClientSampleId :

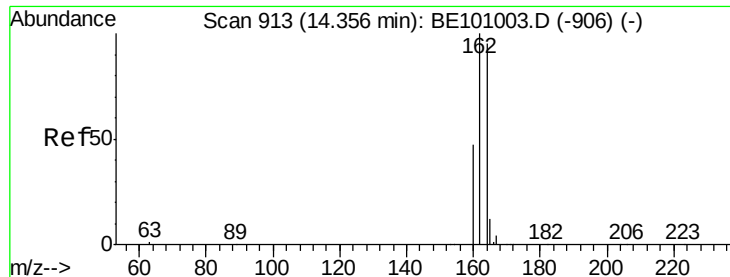
Tot Ion:152 Resp: 7988
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.080 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.03 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

Tgt Ion:142 Resp: 1797
 Ion Ratio Lower Upper
 142 100
 141 80.0 72.5 108.7
 115 47.3 33.0 49.6

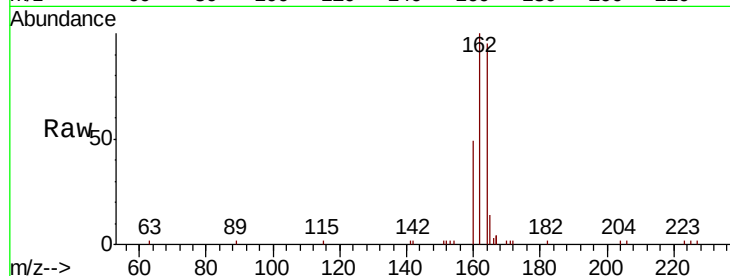




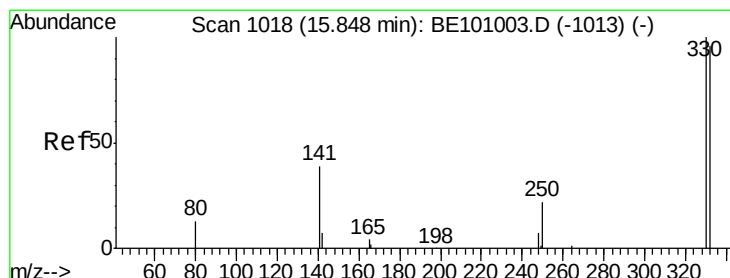
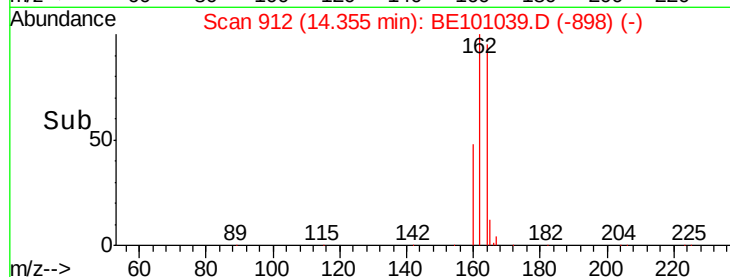
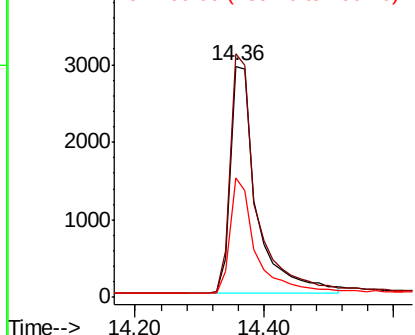
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 8344
 Ion Ratio Lower Upper
 164 100
 162 105.3 84.1 126.1
 160 51.8 40.4 60.6

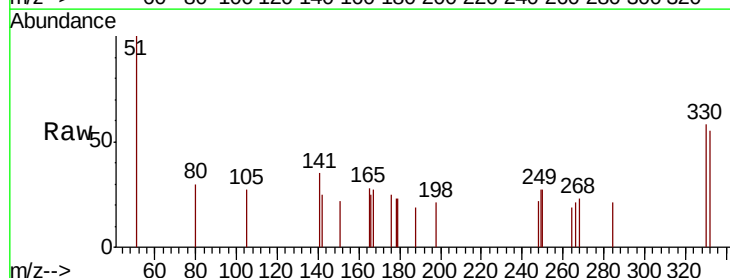


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

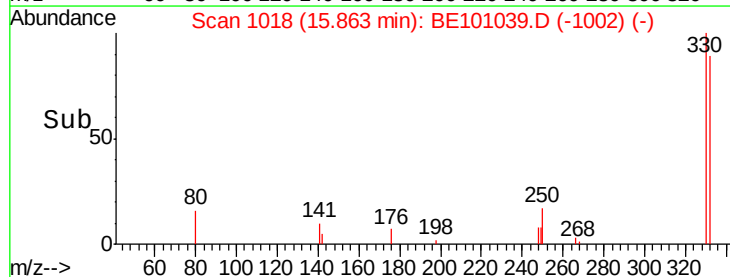
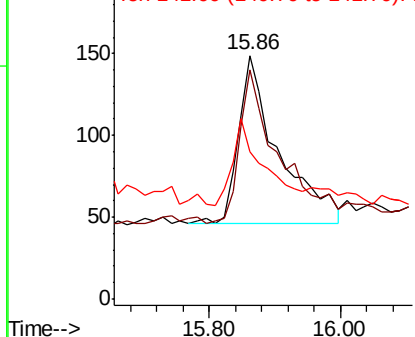


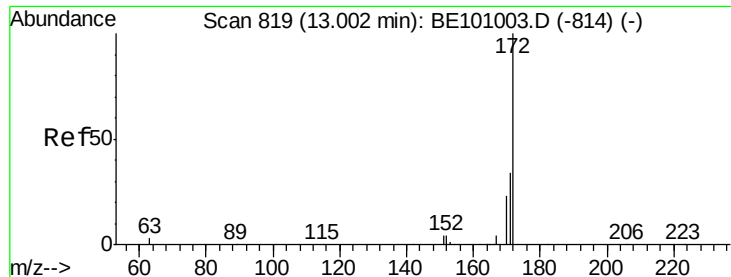
#14
 2,4,6-Tribromophenol
 Concen: 0.185 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

Tgt Ion:330 Resp: 435
 Ion Ratio Lower Upper
 330 100
 332 91.5 78.4 117.6
 141 40.9 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

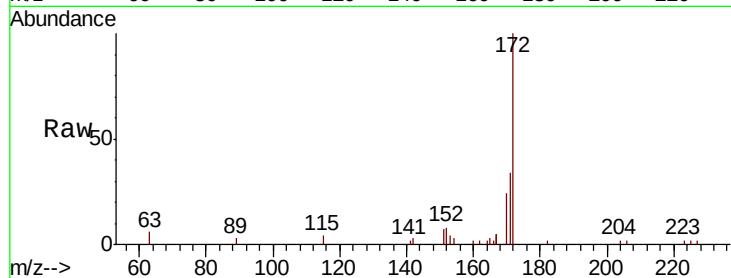




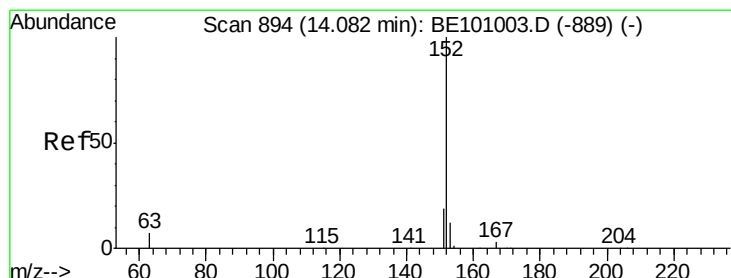
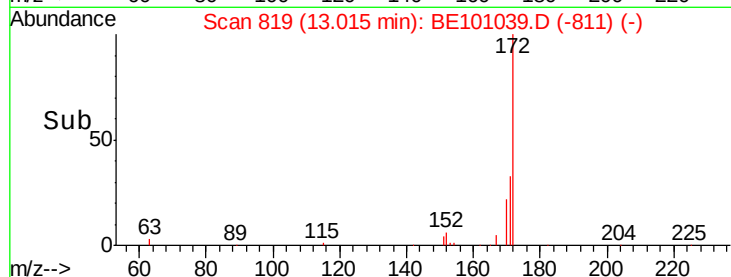
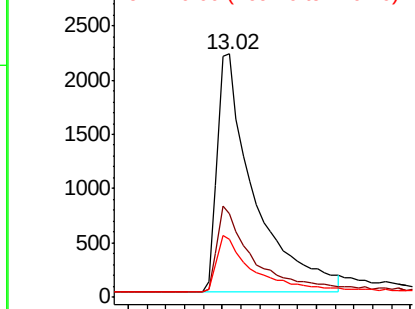
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.01 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12019
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 23.6 18.9 28.3

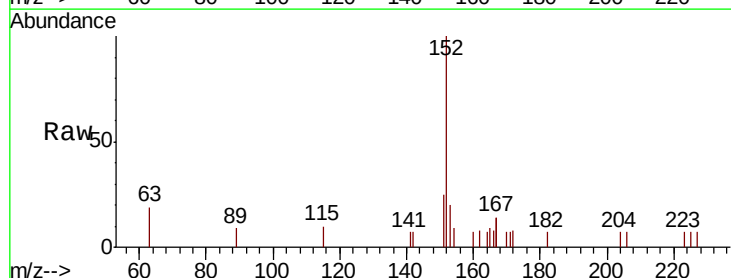


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

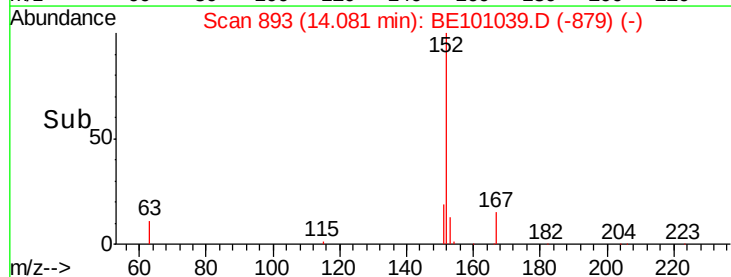
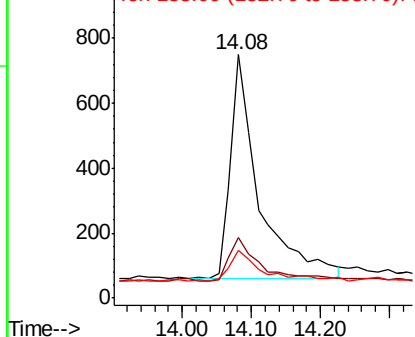


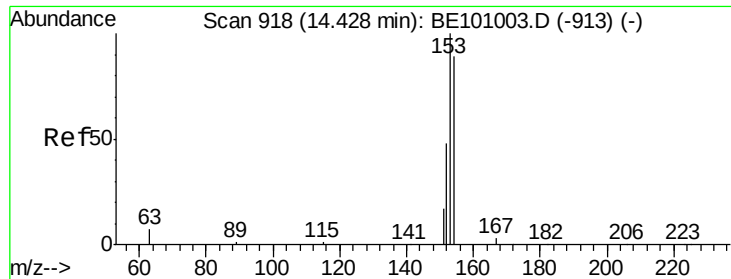
#16
Acenaphthylene
Concen: 0.059 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Tgt Ion:152 Resp: 2003
Ion Ratio Lower Upper
152 100
151 21.7 15.5 23.3
153 13.8 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

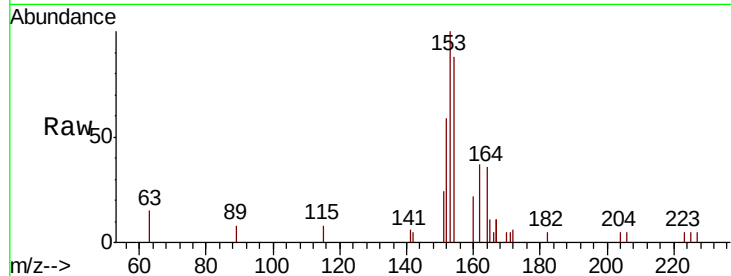




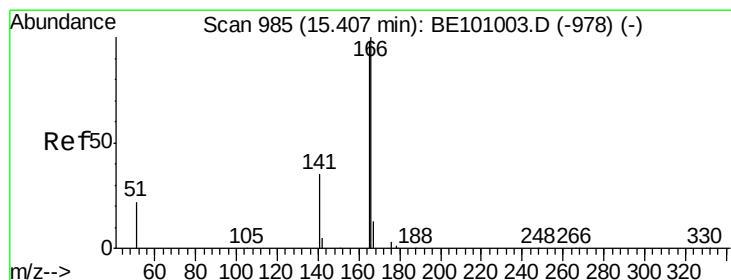
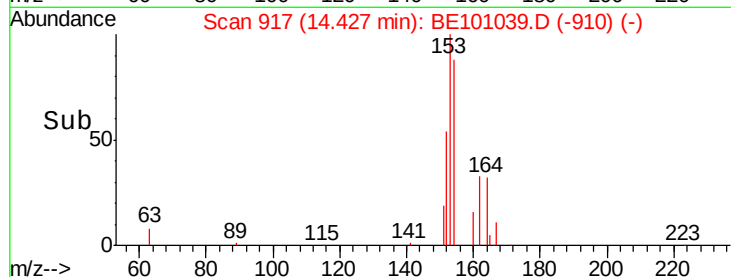
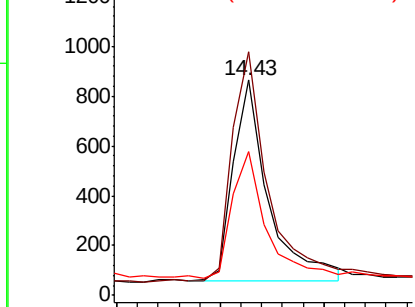
#17
Acenaphthene
Concen: 0.077 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 1884
Ion Ratio Lower Upper
154 100
153 118.0 93.6 140.4
152 60.4 46.3 69.5

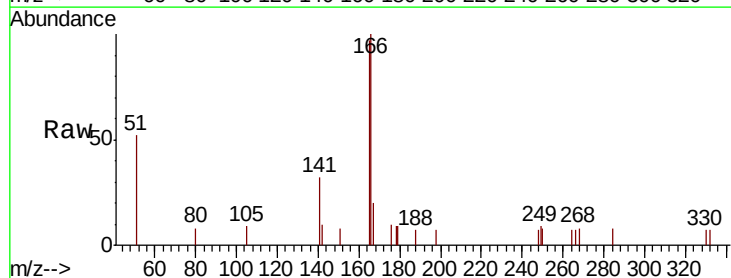


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

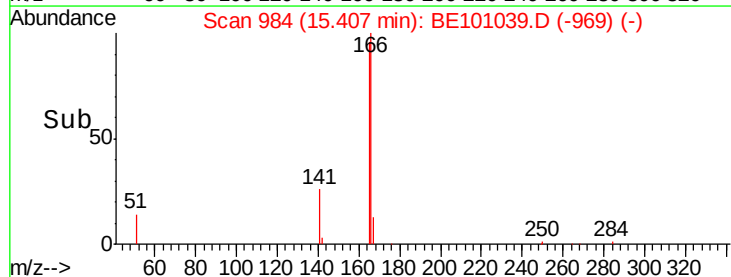
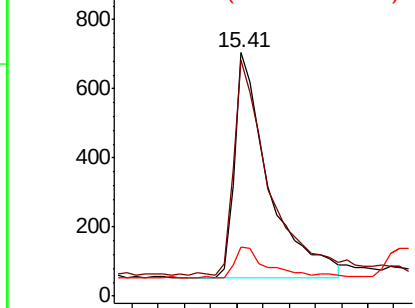


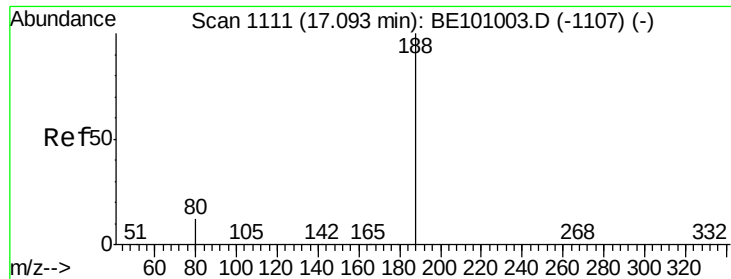
#18
Fluorene
Concen: 0.078 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Tgt Ion:166 Resp: 2385
Ion Ratio Lower Upper
166 100
165 98.5 79.8 119.8
167 13.7 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

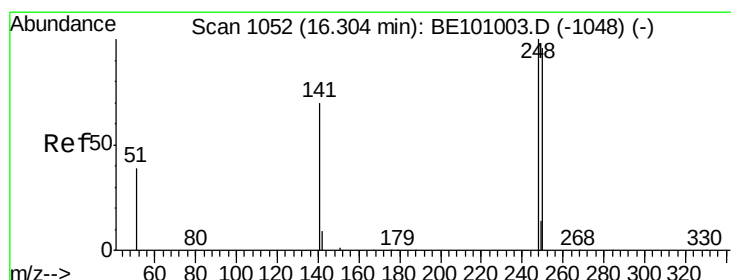
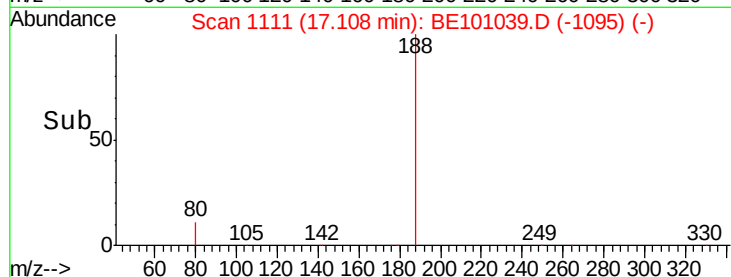
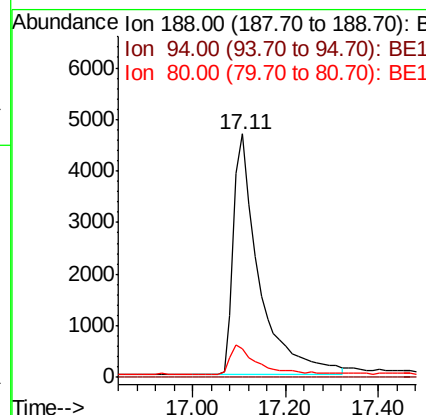
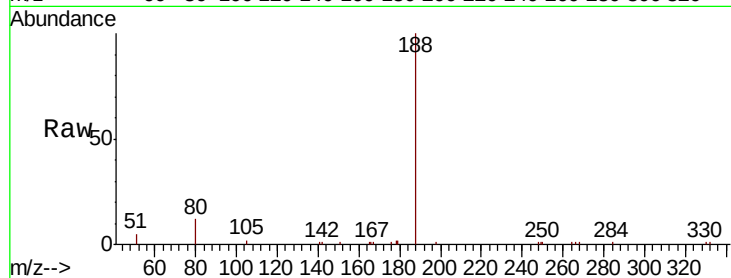




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

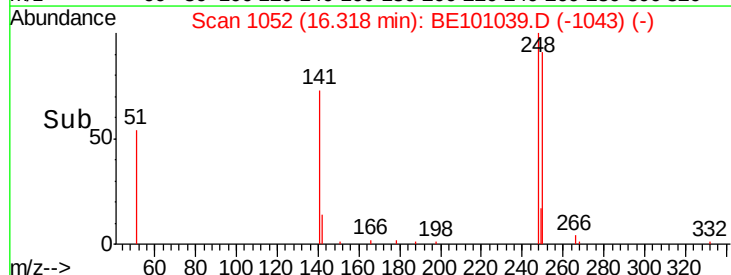
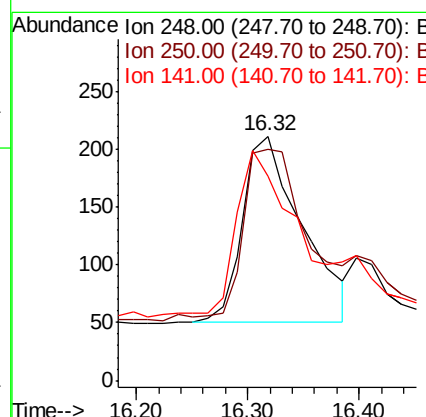
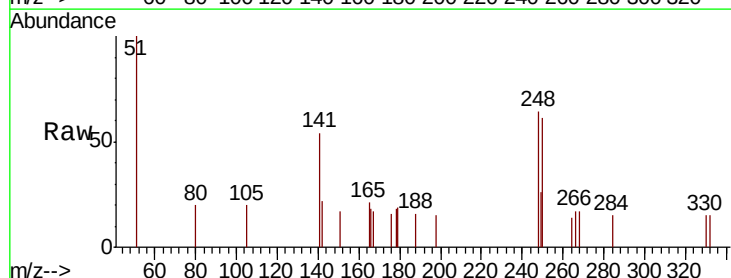
Instrument :
BNA_E
ClientSampleId :

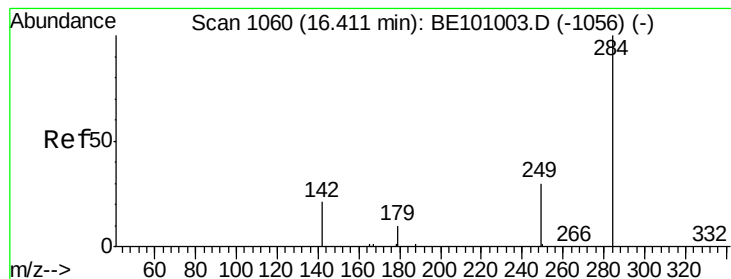
Tot Ion:188 Resp: 17901
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 10.8 16.2



#20
4-Bromophenyl-phenylether
Concen: 0.069 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Tgt Ion:248 Resp: 600
Ion Ratio Lower Upper
248 100
250 94.8 76.6 115.0
141 83.9 57.7 86.5





#21

Hexachlorobenzene

Concen: 0.085 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

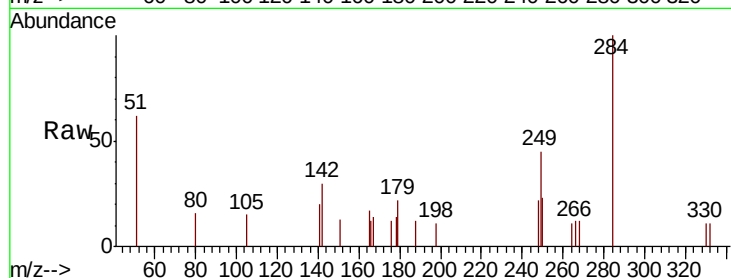
Instrument :

BNA_E

ClientSampleId :

Tot Ion:284 Resp: 812

Ion	Ratio	Lower	Upper
284	100		
142	41.3	34.0	51.0
249	35.8	28.2	42.4

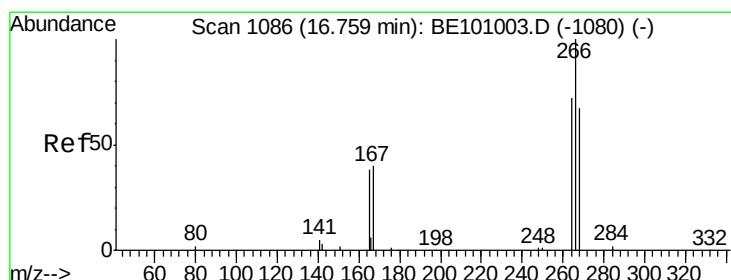
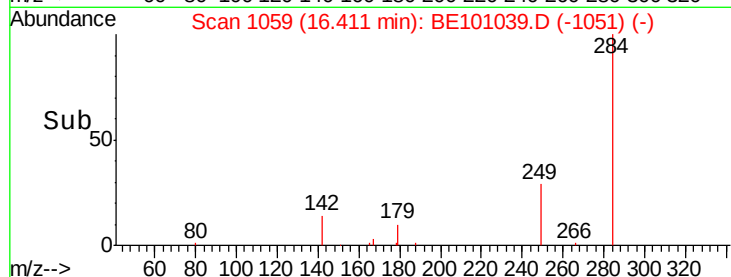
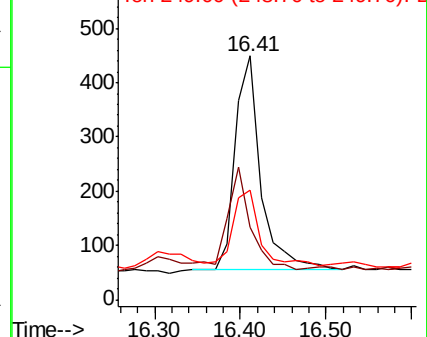


Abundance

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: 0.095 ng

RT: 16.77 min Scan# 1086

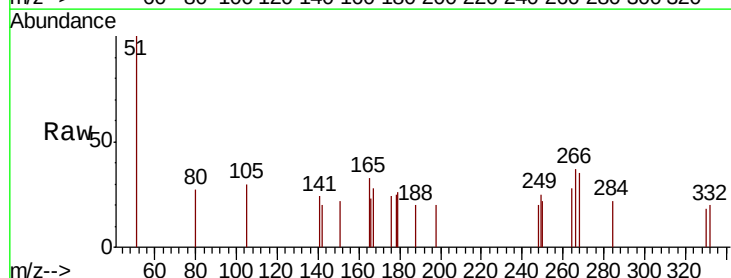
Delta R.T. 0.01 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

Tgt Ion:266 Resp: 225

Ion	Ratio	Lower	Upper
266	100		
264	76.1	61.0	91.4
268	95.7	58.5	87.7#

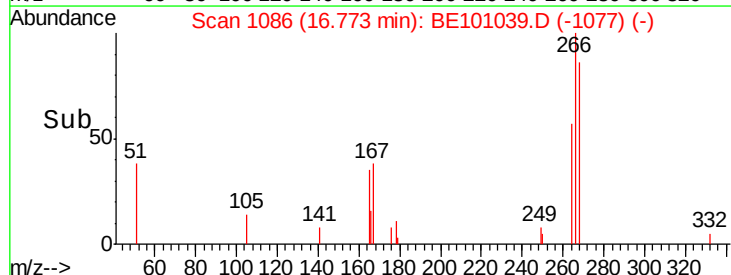
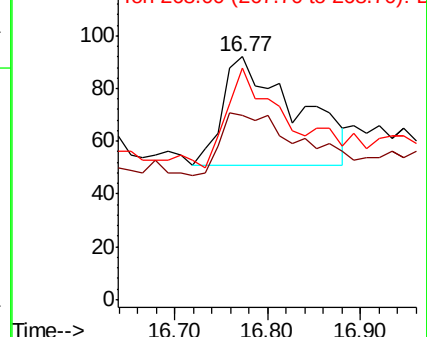


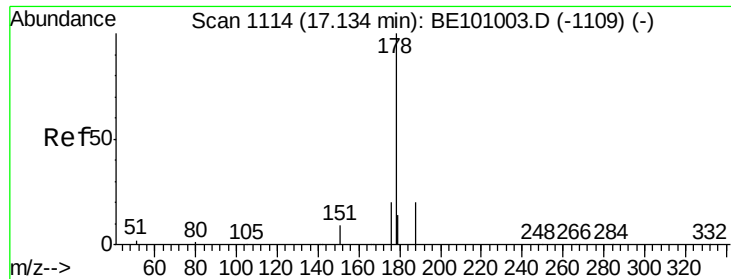
Abundance

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

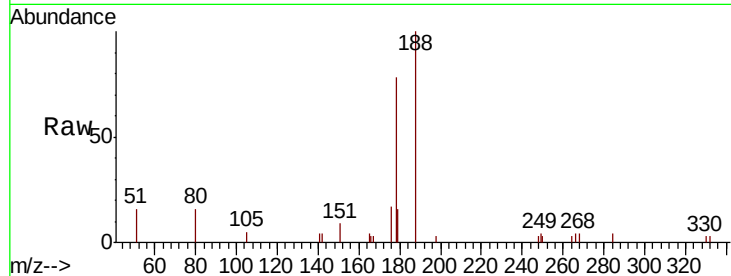




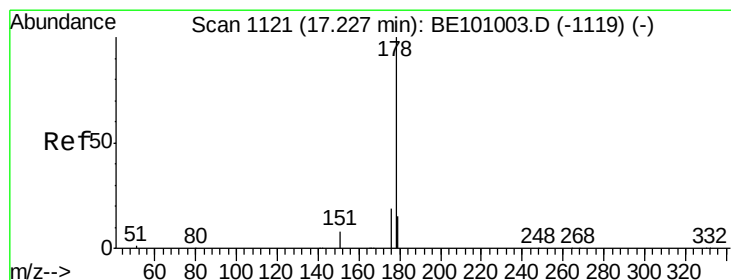
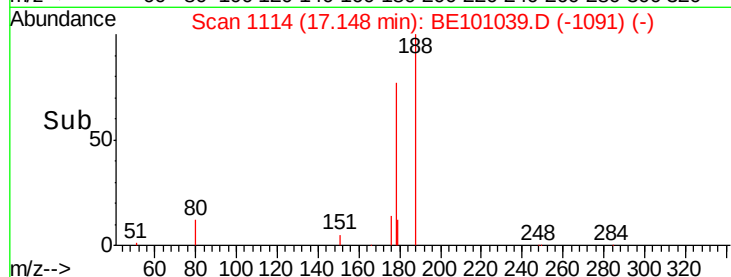
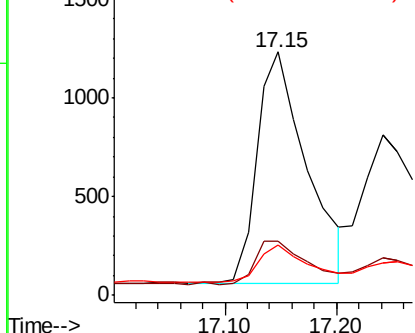
#23
Phenanthrene
Concen: 0.075 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:178 Resp: 3645
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.7 12.0 18.0

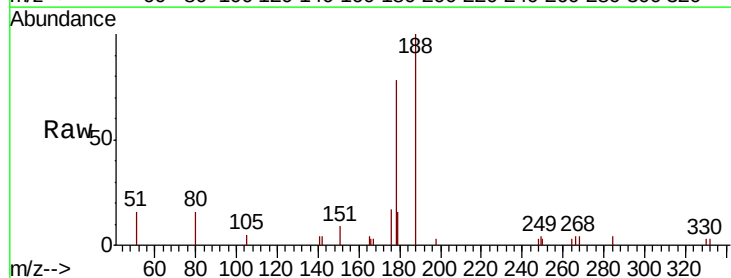


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

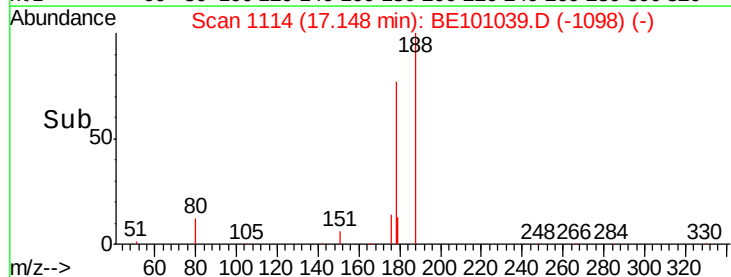
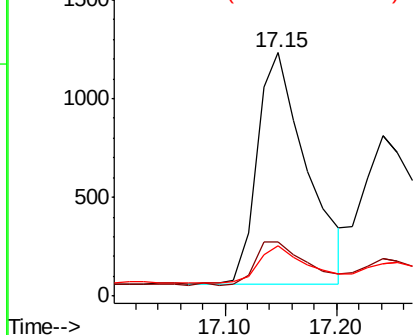


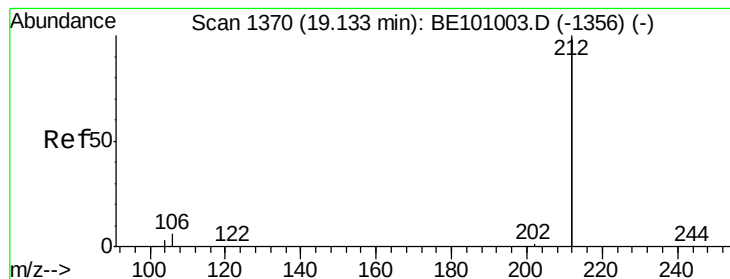
#24
Anthracene
Concen: 0.079 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.08 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Tgt Ion:178 Resp: 3645
Ion Ratio Lower Upper
178 100
176 19.6 14.8 22.2
179 15.7 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: 0.278 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

Instrument :

BNA_E

ClientSampleId :

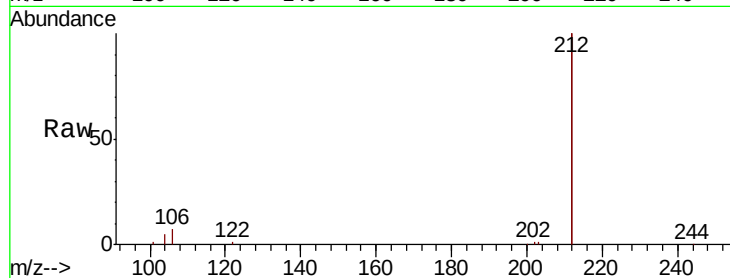
Tot Ion:212 Resp: 69165

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

104 1.9 1.4 2.0

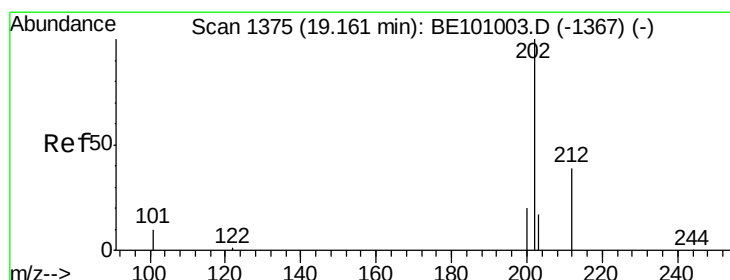
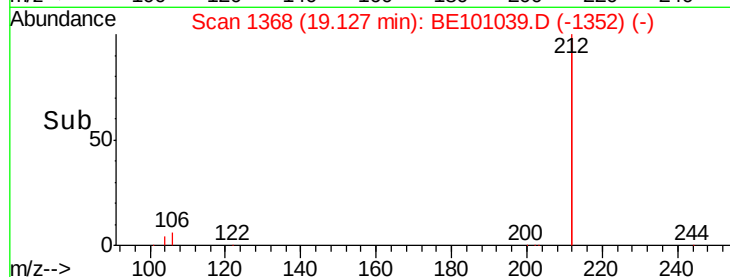
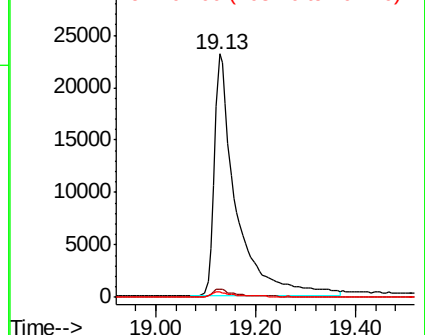


Abundance

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: 0.075 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

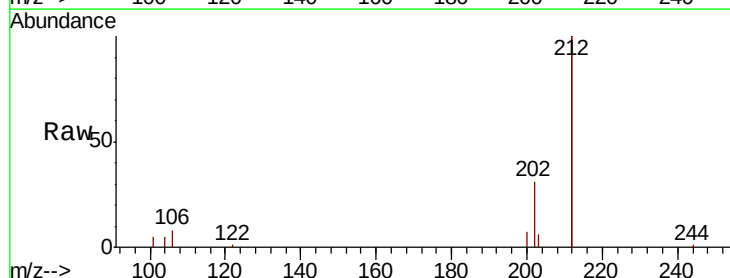
Tgt Ion:202 Resp: 4586

Ion Ratio Lower Upper

202 100

101 10.9 9.6 14.4

203 16.3 13.8 20.6

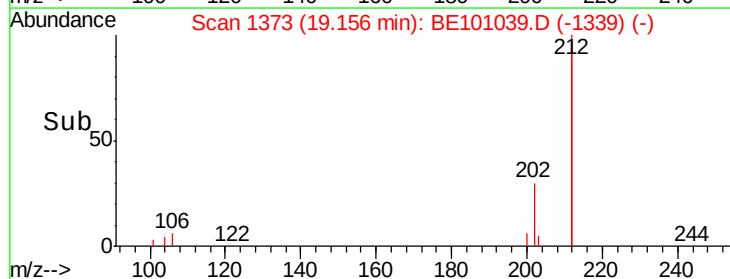
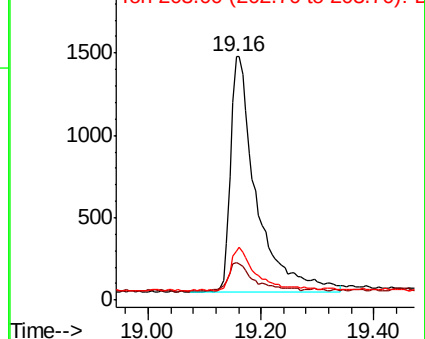


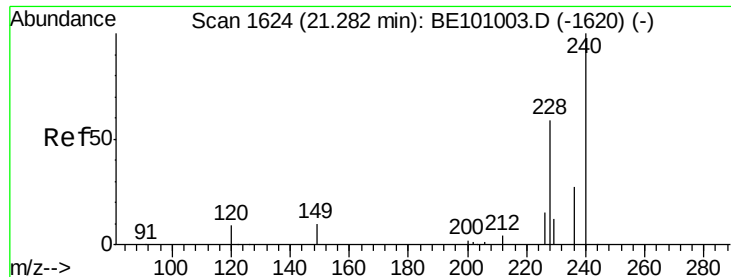
Abundance

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

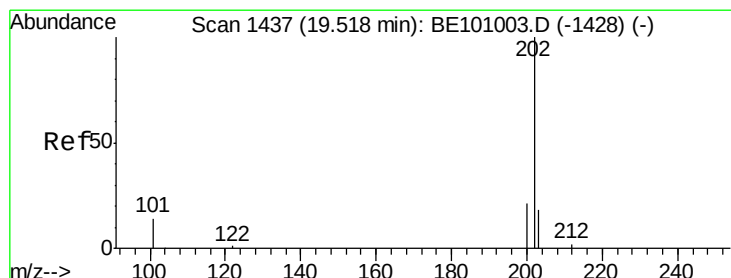
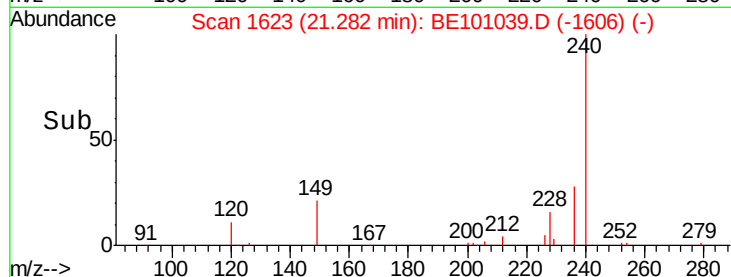
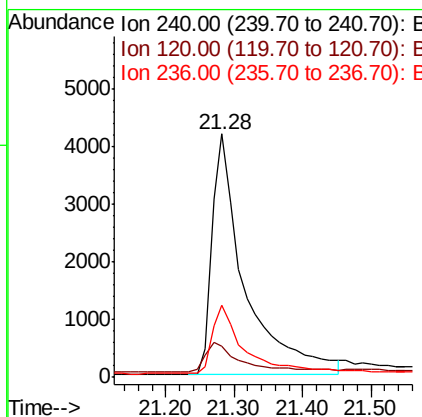
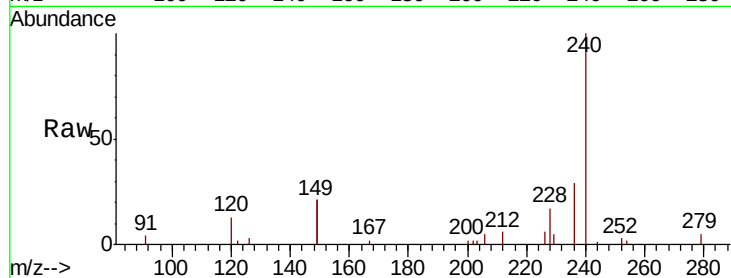




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

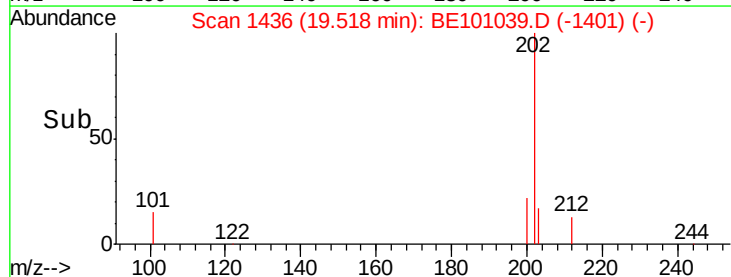
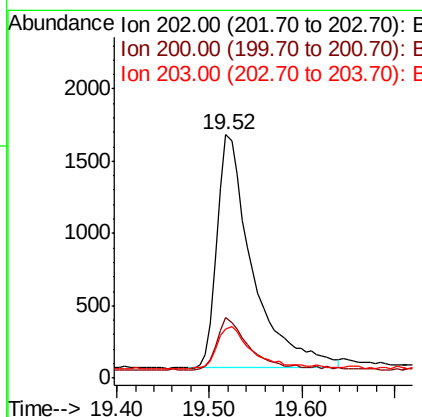
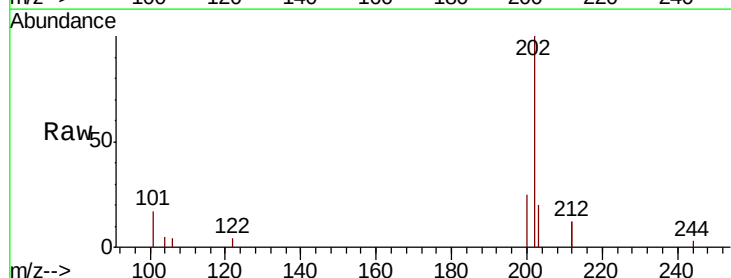
Instrument :
 BNA_E
 ClientSampled :

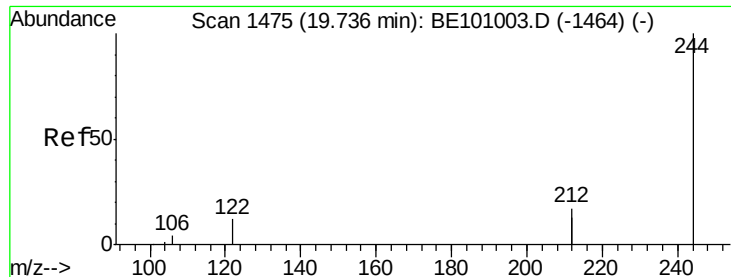
Tot Ion:240 Resp: 13963
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.6 13.0
 236 29.4 22.2 33.4



#28
 Pyrene
 Concen: 0.083 ng
 RT: 19.52 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

Tgt Ion:202 Resp: 4292
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.0 25.4
 203 18.2 13.8 20.6

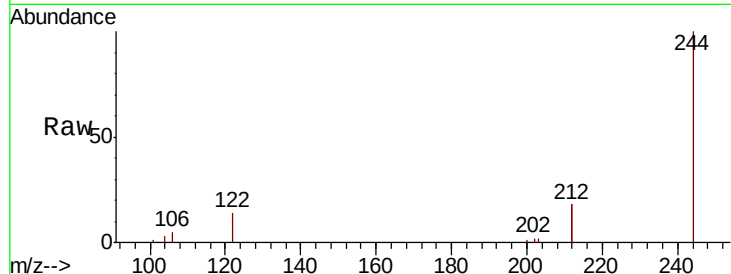




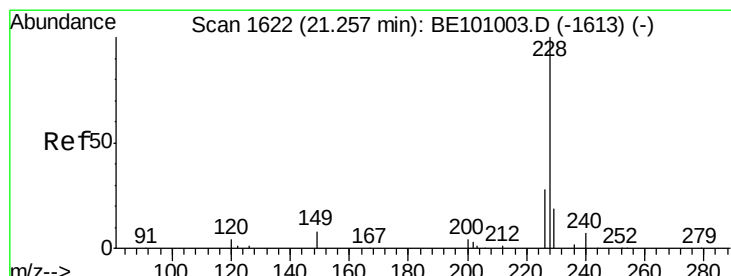
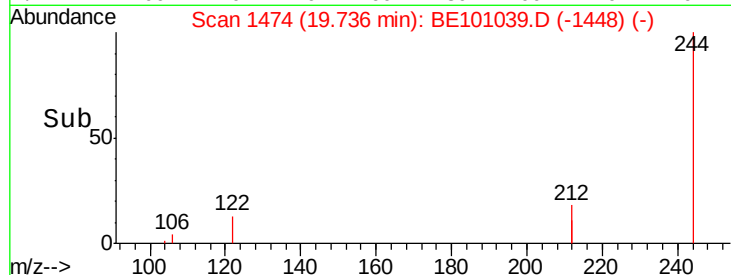
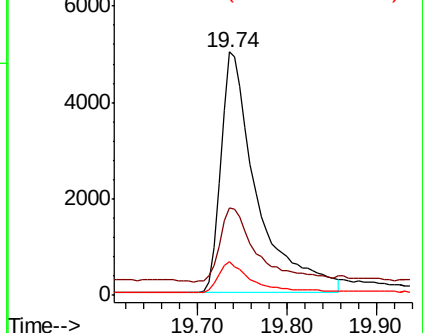
#29
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 13933
 Ion Ratio Lower Upper
 244 100
 212 36.0 27.2 40.8
 122 13.7 9.8 14.8

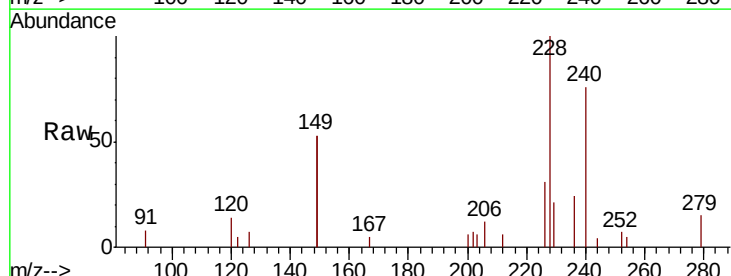


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

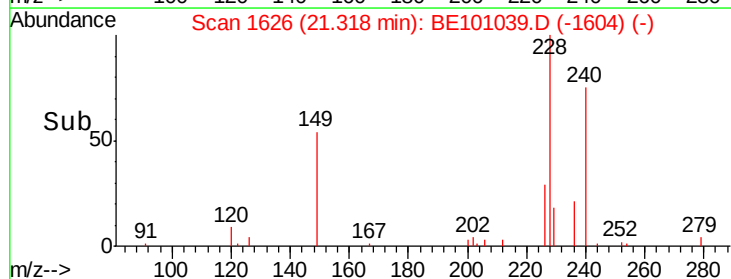
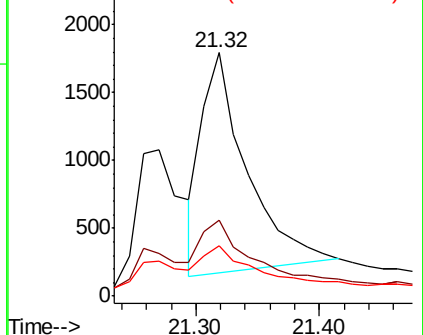


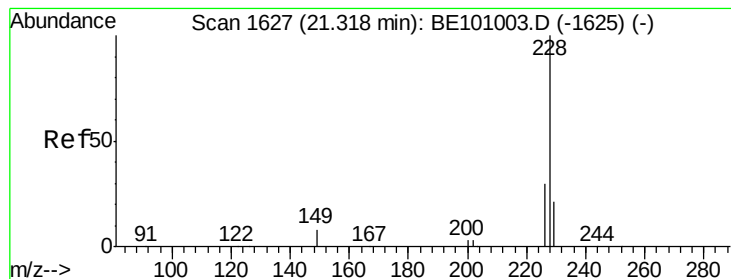
#30
 Benzo(a)anthracene
 Concen: 0.104 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.06 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

Tgt Ion:228 Resp: 4137
 Ion Ratio Lower Upper
 228 100
 226 31.0 22.7 34.1
 229 20.6 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: 0.097 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

Instrument :

BNA_E

ClientSampled :

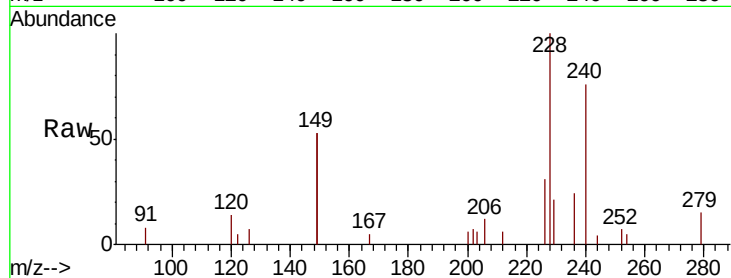
Tot Ion:228 Resp: 5733

Ion Ratio Lower Upper

228 100

226 31.0 23.5 35.3

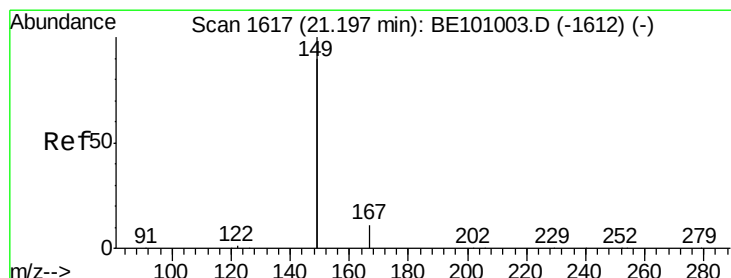
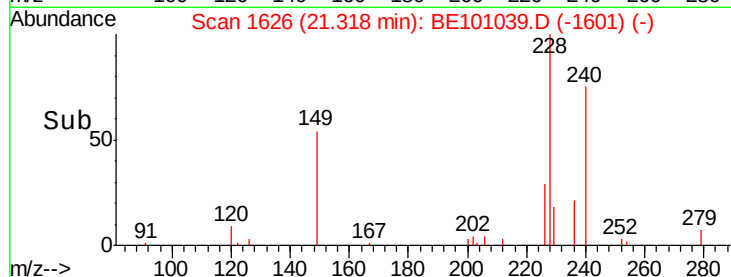
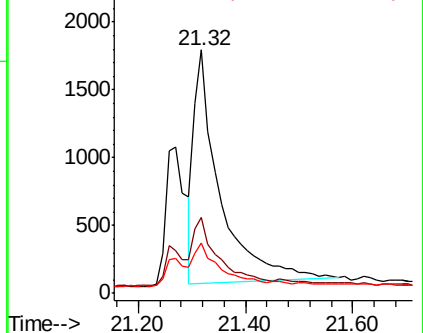
229 20.6 16.7 25.1



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: 0.073 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

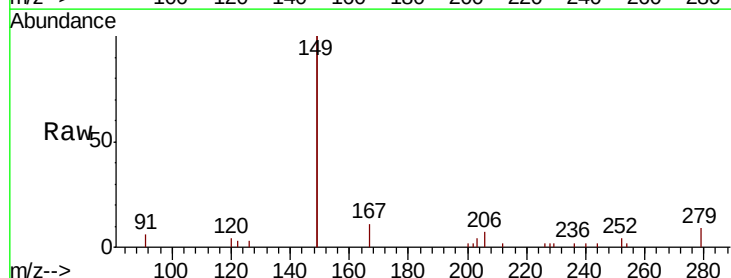
Tgt Ion:149 Resp: 4815

Ion Ratio Lower Upper

149 100

167 6.8 5.2 7.8

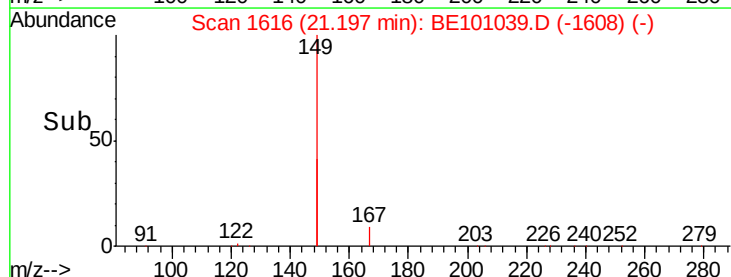
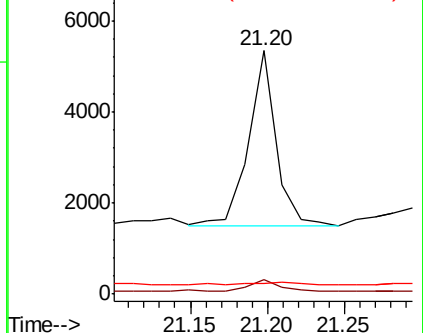
279 3.5 0.8 1.2#

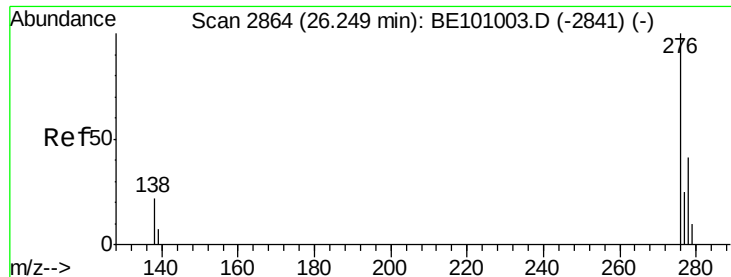


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

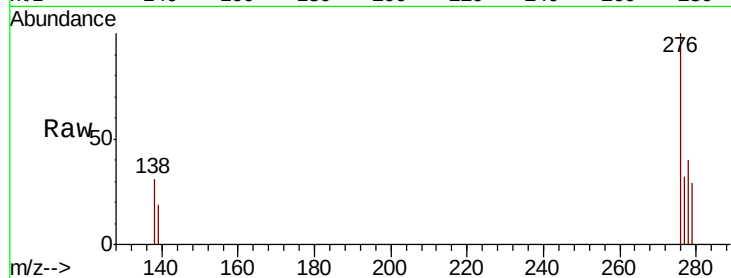




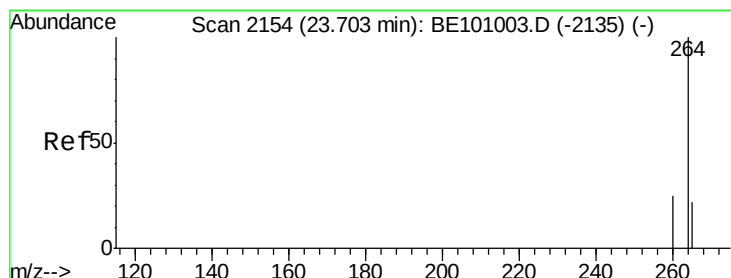
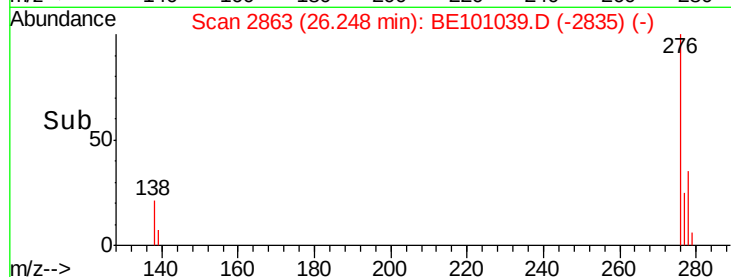
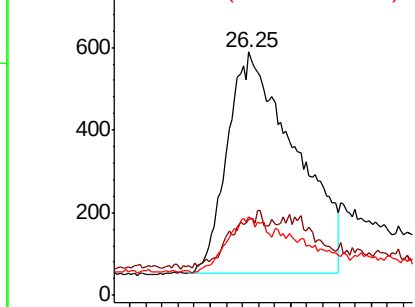
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.067 ng
 RT: 26.25 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 3122
 Ion Ratio Lower Upper
 276 100
 138 13.4 16.1 24.1#
 277 10.3 18.1 27.1#

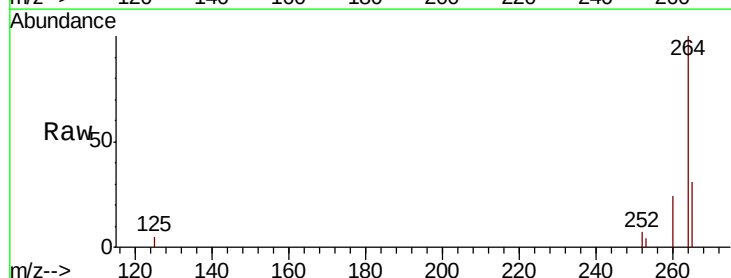


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

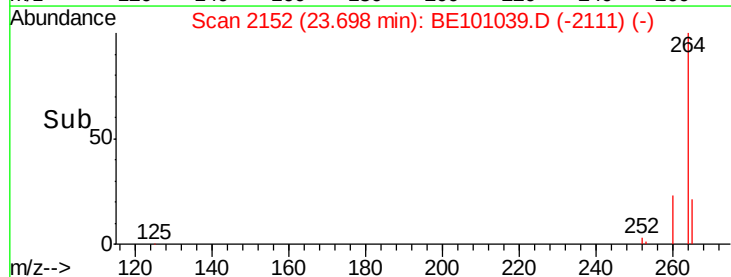
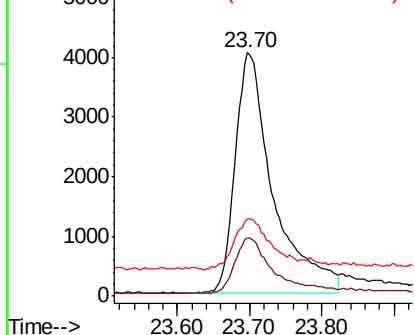


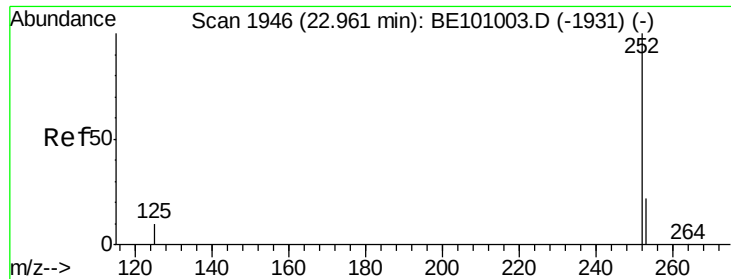
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BE101039.D
 Acq: 13 Jan 2020 15:22

Tgt Ion:264 Resp: 14386
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.3 30.5
 265 31.5 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

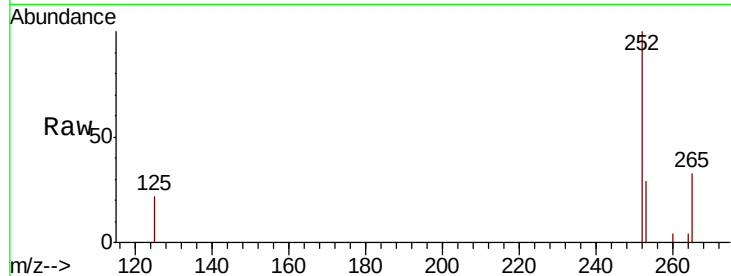




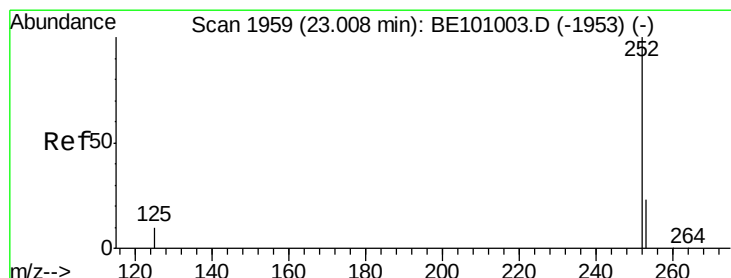
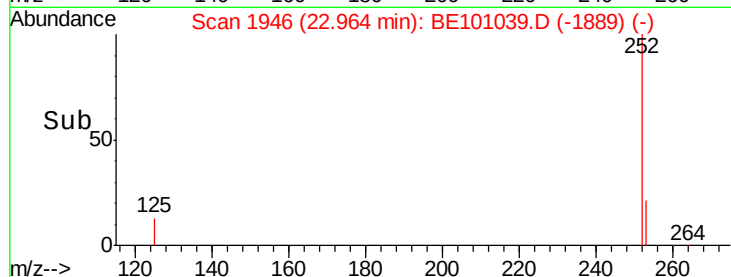
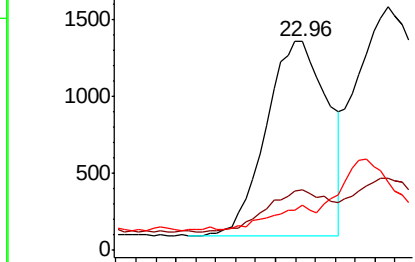
#35
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 22.96 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 2715
Ion Ratio Lower Upper
252 100
253 29.2 18.5 27.7#
125 21.6 9.5 14.3#

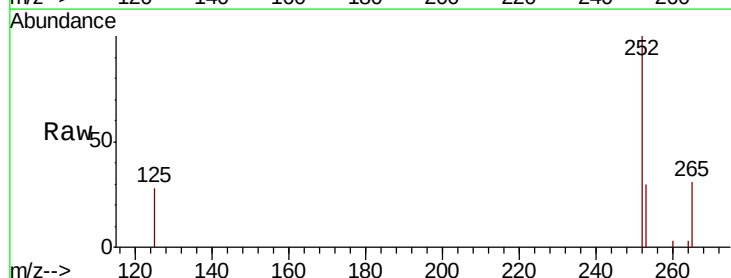


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

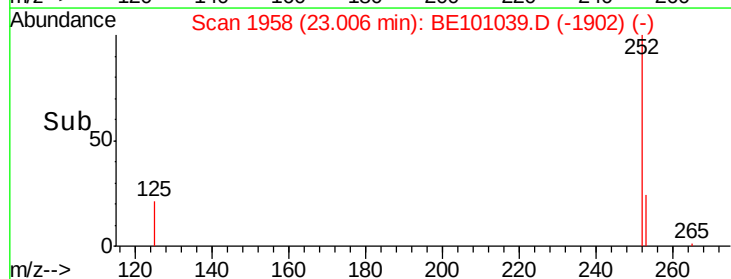
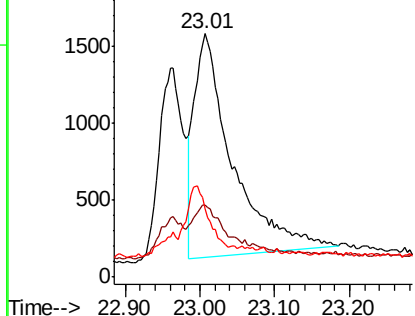


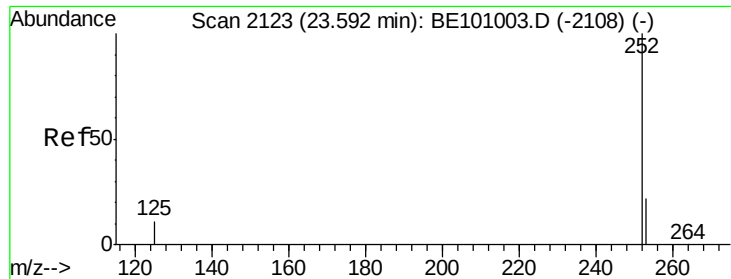
#36
Benzo(k)fluoranthene
Concen: 0.088 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE101039.D
Acq: 13 Jan 2020 15:22

Tgt Ion:252 Resp: 5125
Ion Ratio Lower Upper
252 100
253 29.5 18.9 28.3#
125 28.1 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: 0.052 ng

RT: 23.59 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

Instrument :

BNA_E

ClientSampleId :

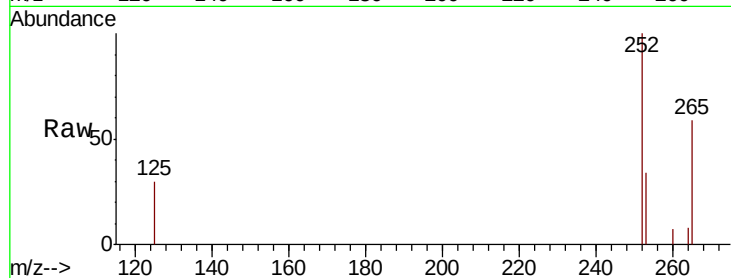
Tot Ion:252 Resp: 2012

Ion Ratio Lower Upper

252 100

253 33.6 19.4 29.2#

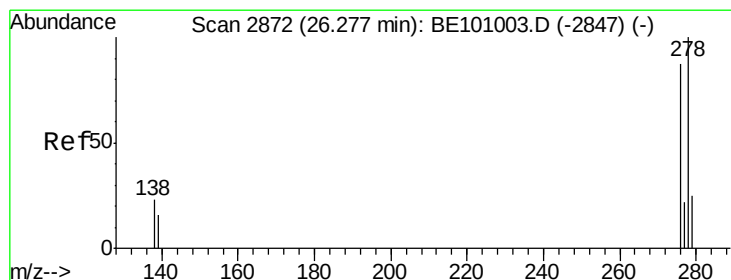
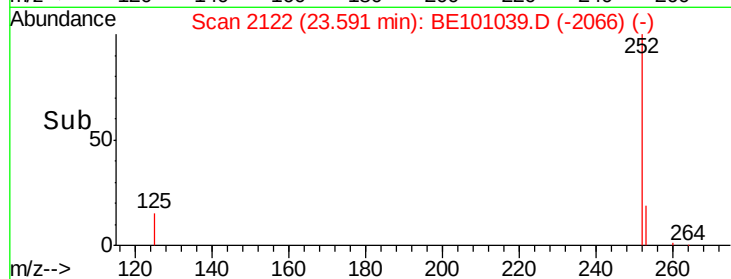
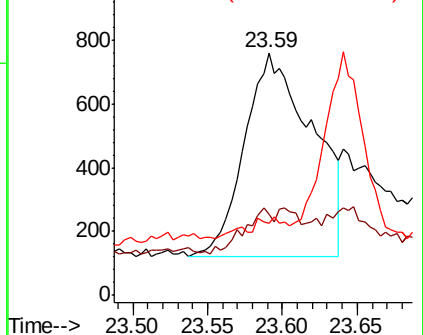
125 29.6 11.8 17.6#



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: 0.041 ng

RT: 26.29 min Scan# 2874

Delta R.T. 0.01 min

Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

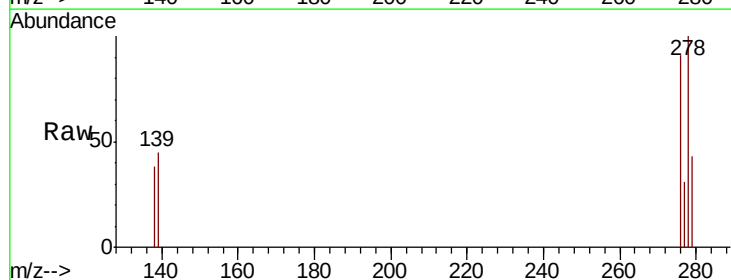
Tgt Ion:278 Resp: 1472

Ion Ratio Lower Upper

278 100

139 44.7 15.0 22.4#

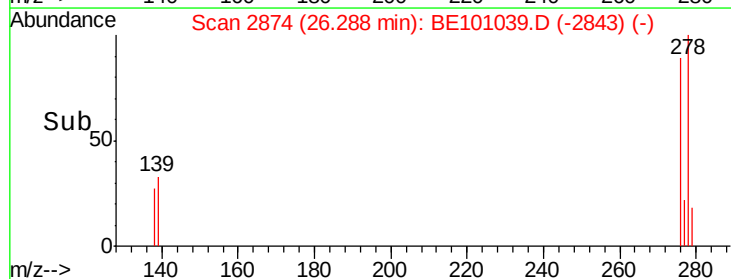
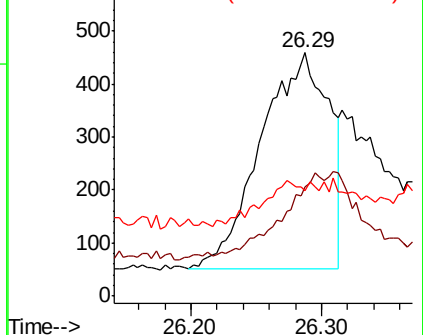
279 43.4 22.6 33.8#

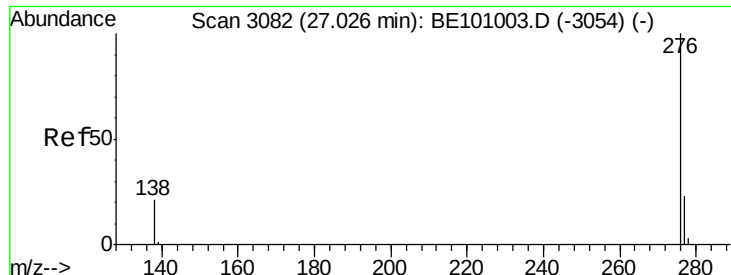


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.080 ng

RT: 27.02 min Scan# 3080

Delta R.T. -0.00 min

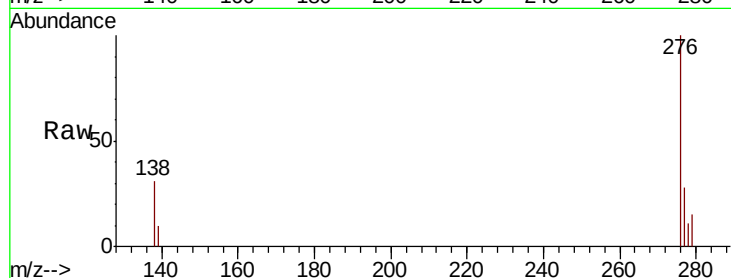
Lab File: BE101039.D

Acq: 13 Jan 2020 15:22

Instrument :

BNA_E

ClientSampleId :



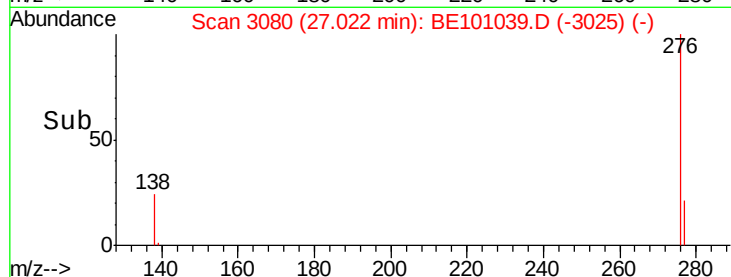
Tot Ion:276 Resp: 3538

Ion Ratio Lower Upper

276 100

277 27.6 19.4 29.2

138 30.8 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

