

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
 Data File : BE101038.D
 Acq On : 13 Jan 2020 14:46
 Operator : JU
 Sample : K3591-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 13 16:37:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 13 16:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3131	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13953	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8744	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19052	0.40	ng	0.00
27) Chrysene-d12	21.28	240	13499	0.40	ng	0.00
34) Perylene-d12	23.70	264	13783	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2146	0.30	ng	0.00
5) Phenol-d6	6.92	99	2198	0.25	ng	0.00
8) Nitrobenzene-d5	8.89	82	2270	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	12.12	152	8442	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	459	0.19	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	12635	0.38	ng	0.00
25) Fluoranthene-d10	19.13	212	72127	0.27	ng	0.00
29) Terphenyl-d14	19.74	244	14688	0.44	ng	0.00

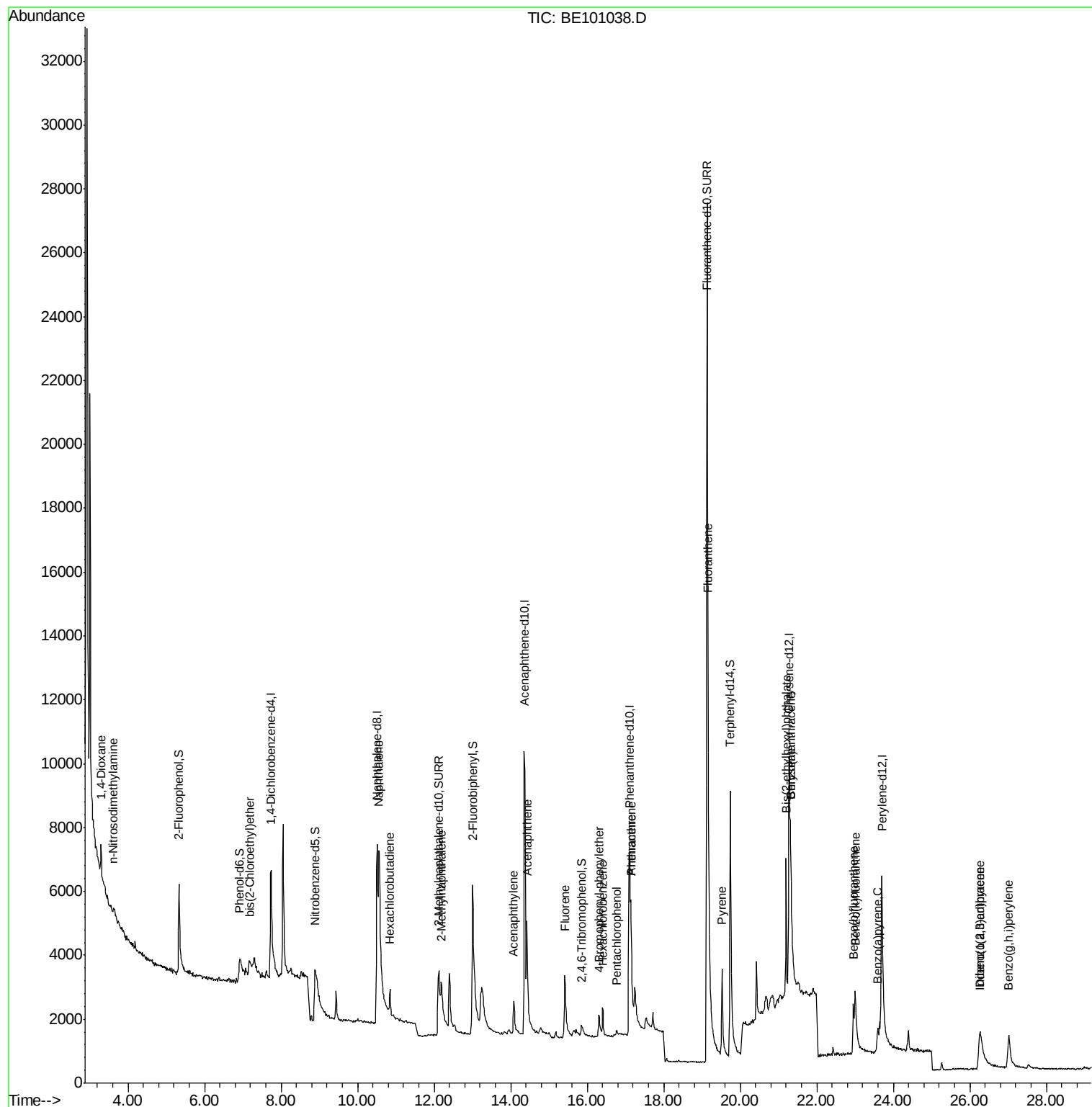
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1121	0.140	ng	# 70
3) n-Nitrosodimethylamine	3.61	42	271	0.062	ng	# 1
6) bis(2-Chloroethyl)ether	7.17	93	643	0.061	ng	84
9) Naphthalene	10.56	128	13640	0.088	ng	# 97
10) Hexachlorobutadiene	10.85	225	556	0.085	ng	98
12) 2-Methylnaphthalene	12.19	142	1944	0.083	ng	97
16) Acenaphthylene	14.08	152	2057	0.058	ng	97
17) Acenaphthene	14.43	154	2006	0.079	ng	99
18) Fluorene	15.41	166	2409	0.075	ng	95
20) 4-Bromophenyl-phenylether	16.32	248	659	0.071	ng	89
21) Hexachlorobenzene	16.41	284	819	0.080	ng	98
22) Pentachlorophenol	16.76	266	251	0.100	ng	91
23) Phenanthrene	17.15	178	3929	0.076	ng	97
24) Anthracene	17.15	178	3929	0.080	ng	96
26) Fluoranthene	19.16	202	4686	0.072	ng	100
28) Pyrene	19.52	202	4534	0.090	ng	99
30) Benzo(a)anthracene	21.32	228	4054	0.105	ng	92
31) Chrysene	21.32	228	5447	0.095	ng	95
32) Bis(2-ethylhexyl)phthalate	21.20	149	5339	0.083	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.25	276	3108	0.069	ng	# 76
35) Benzo(b)fluoranthene	22.96	252	2582	0.067	ng	# 84
36) Benzo(k)fluoranthene	23.01	252	3706	0.066	ng	# 81
37) Benzo(a)pyrene	23.60	252	2697	0.072	ng	# 73
38) Dibenzo(a,h)anthracene	26.27	278	799	0.023	ng	# 64
39) Benzo(g,h,i)perylene	27.02	276	3312	0.078	ng	# 89

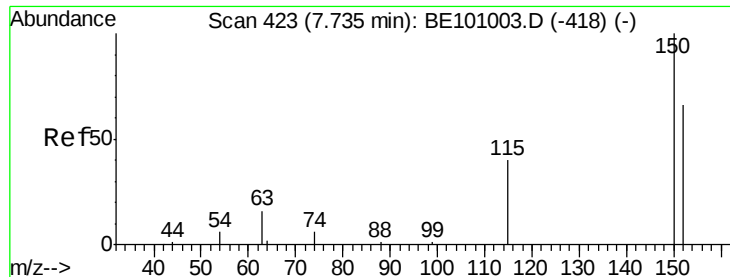
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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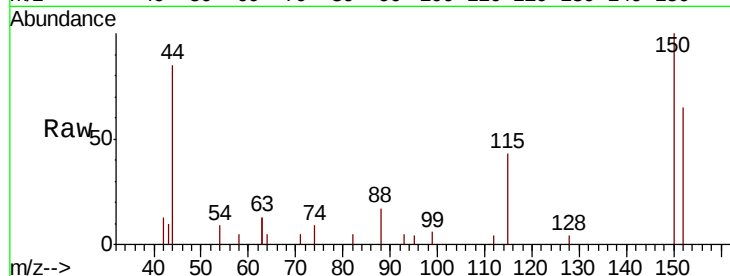


#1

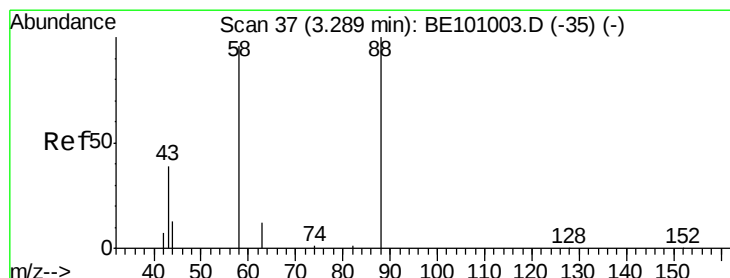
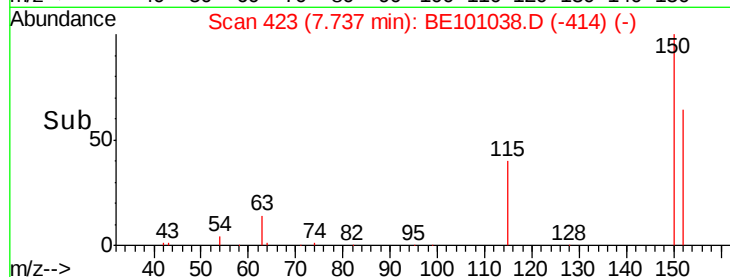
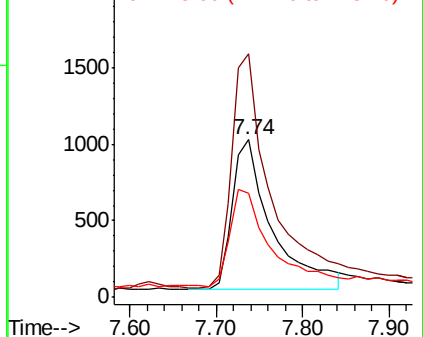
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3131
Ion Ratio Lower Upper
152 100
150 154.8 120.3 180.5
115 66.0 51.7 77.5



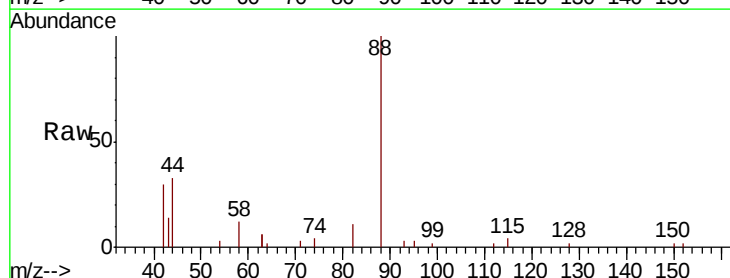
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



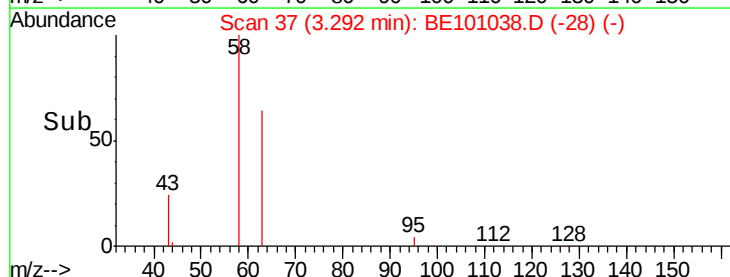
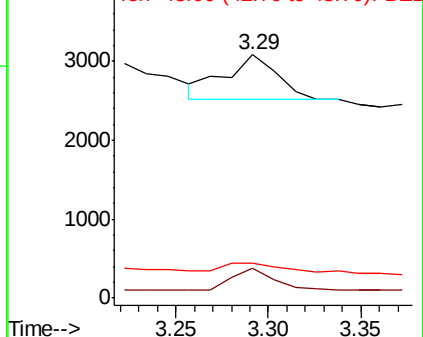
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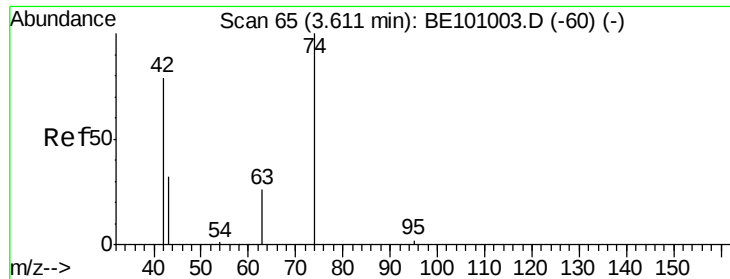
1,4-Dioxane
Concen: 0.140 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion: 88 Resp: 1121
Ion Ratio Lower Upper
88 100
58 38.9 53.0 79.4#
43 18.5 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



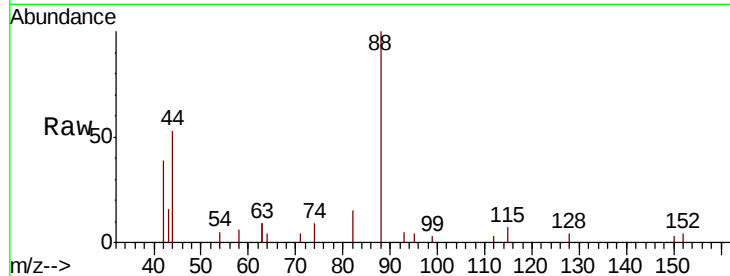


#3

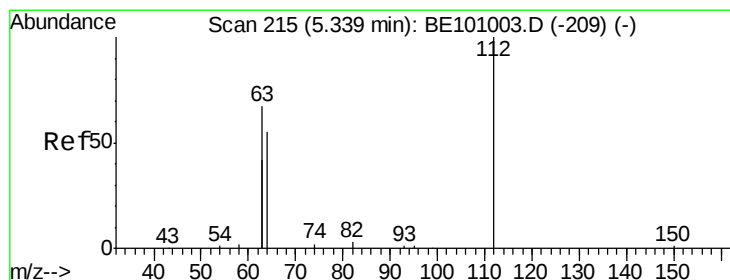
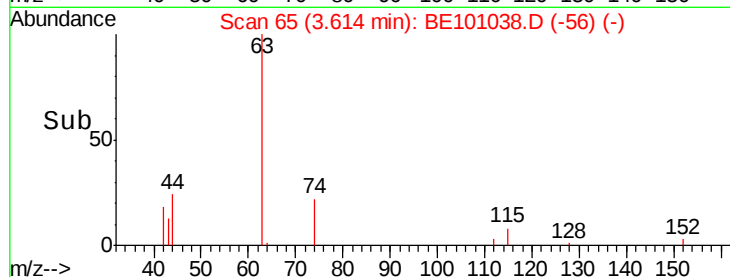
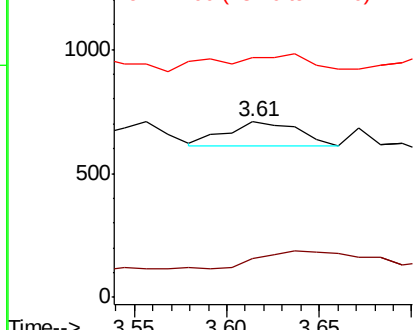
n-Nitrosodimethylamine
 Concen: 0.062 ng
 RT: 3.61 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 271
 Ion Ratio Lower Upper
 42 100
 74 0.0 105.7 158.5#
 44 0.0 10.0 15.0#



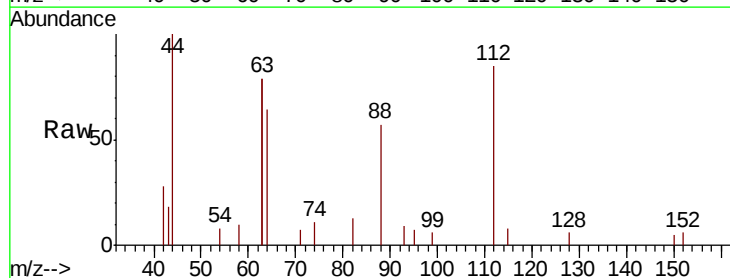
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



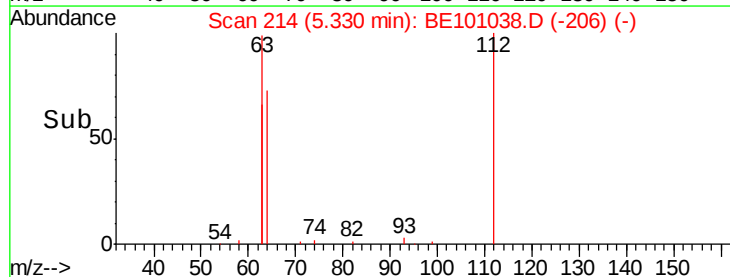
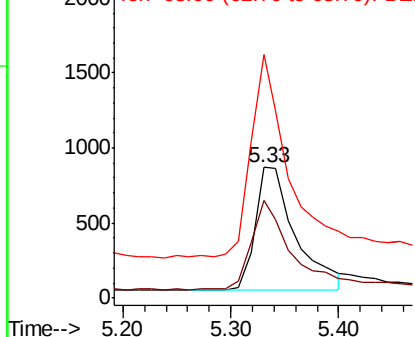
#4

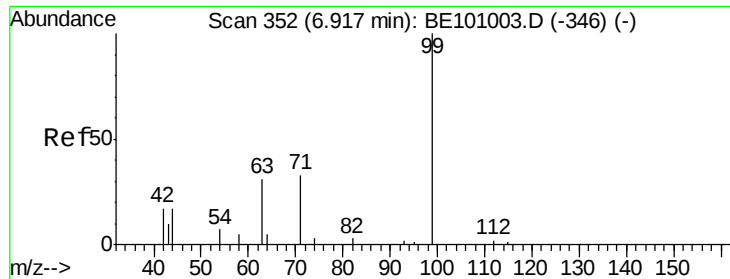
2-Fluorophenol
 Concen: 0.305 ng
 RT: 5.33 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Tgt Ion: 112 Resp: 2146
 Ion Ratio Lower Upper
 112 100
 64 69.6 53.6 80.4
 63 151.7 114.6 172.0



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: 0.247 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampled :

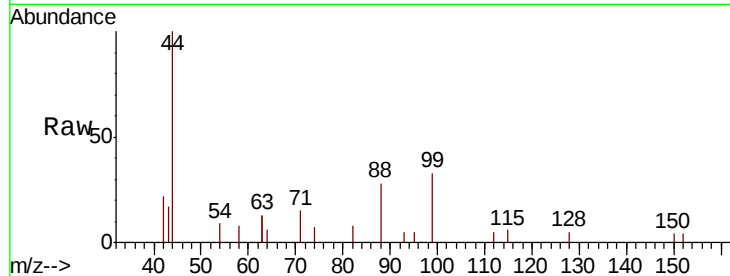
Tot Ion: 99 Resp: 2198

Ion Ratio Lower Upper

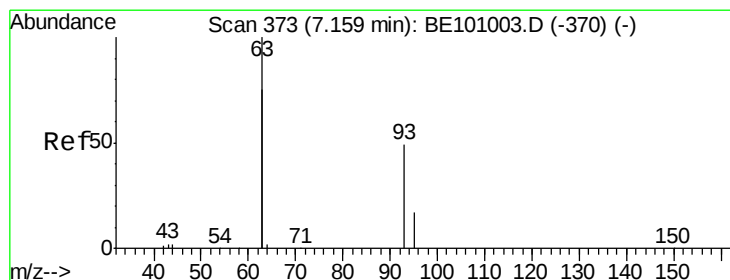
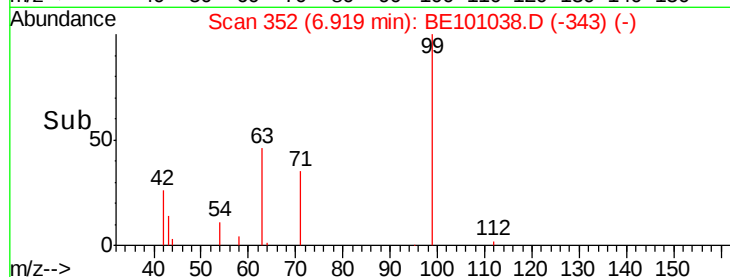
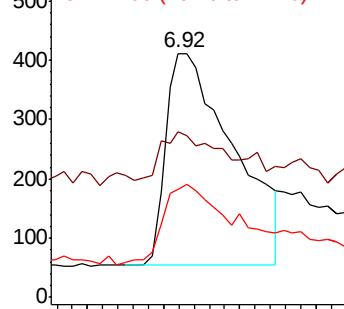
99 100

42 18.6 18.3 27.5

71 38.0 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: 0.061 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

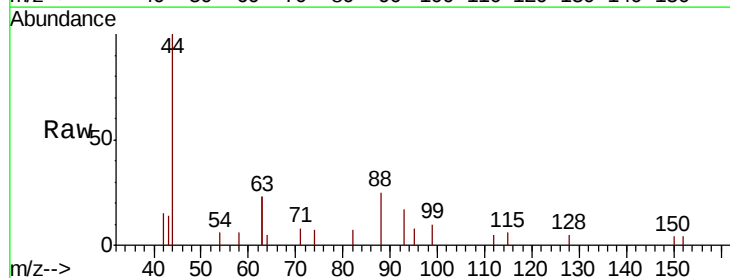
Tgt Ion: 93 Resp: 643

Ion Ratio Lower Upper

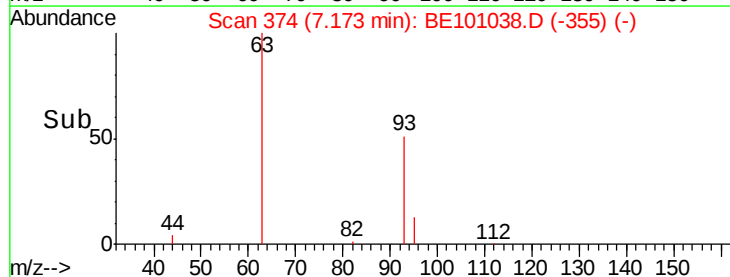
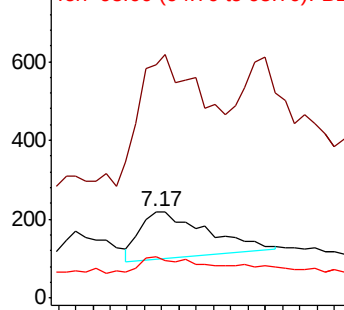
93 100

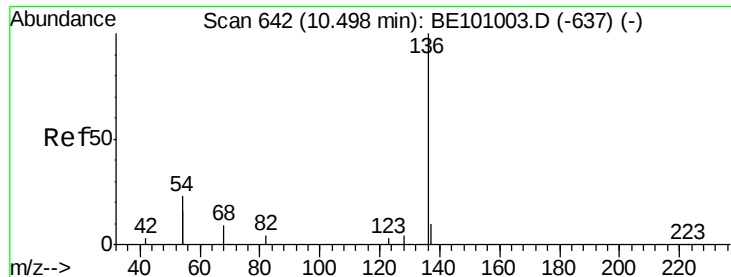
63 261.0 233.9 350.9

95 24.4 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: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 13953

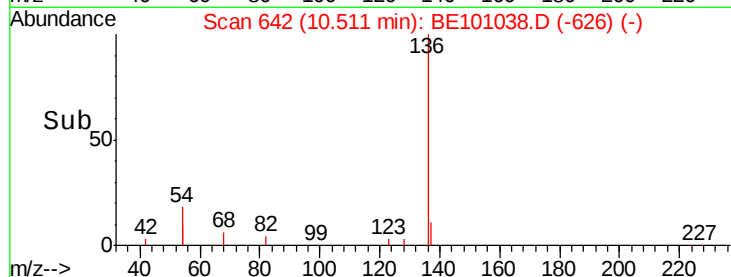
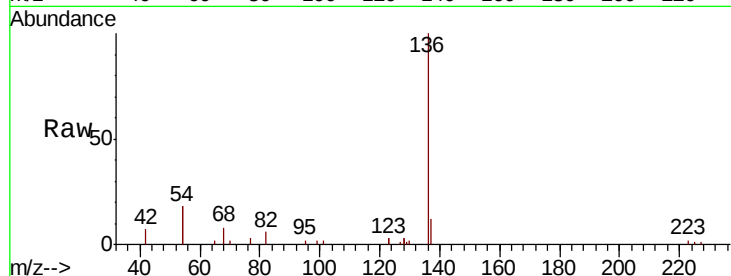
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 36.1 36.8 55.2#

68 7.9 8.4 12.6#

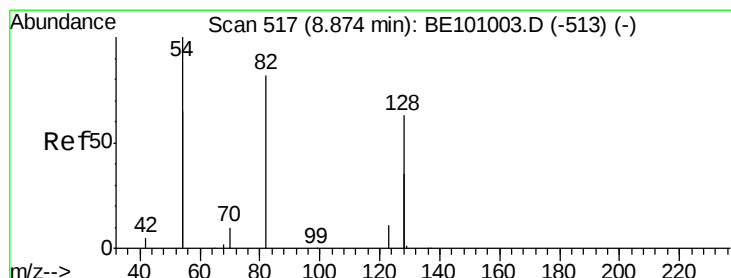
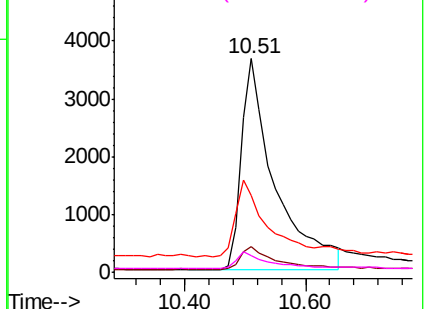


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.227 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

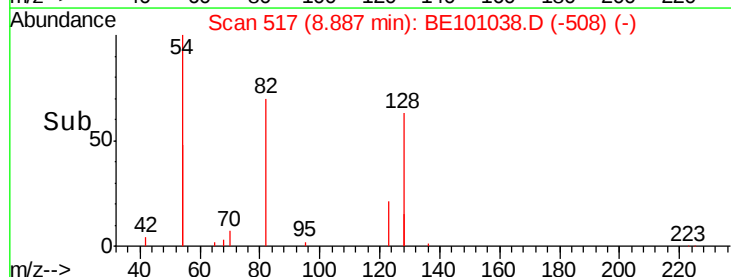
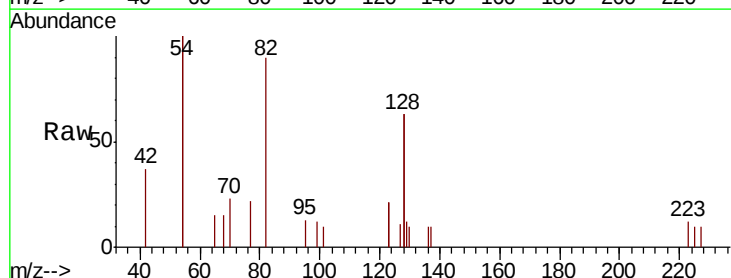
Tgt Ion: 82 Resp: 2270

Ion Ratio Lower Upper

82 100

128 140.1 109.8 164.6

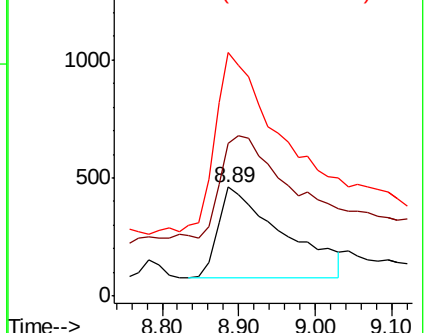
54 223.4 174.5 261.7

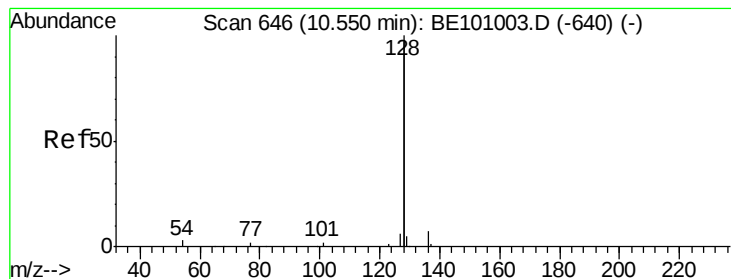


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.088 ng

RT: 10.56 min Scan# 646

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampleId :

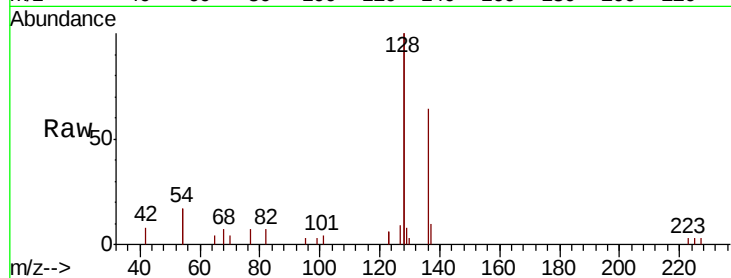
Tot Ion:128 Resp: 13640

Ion Ratio Lower Upper

128 100

129 4.1 2.3 3.5#

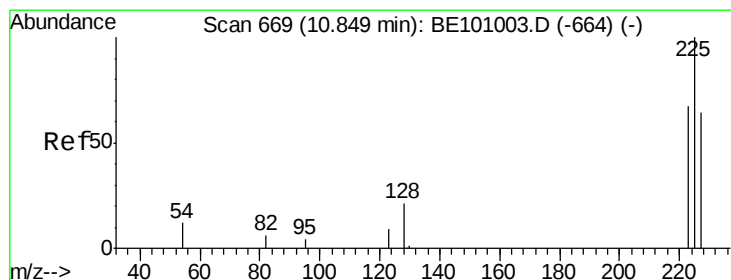
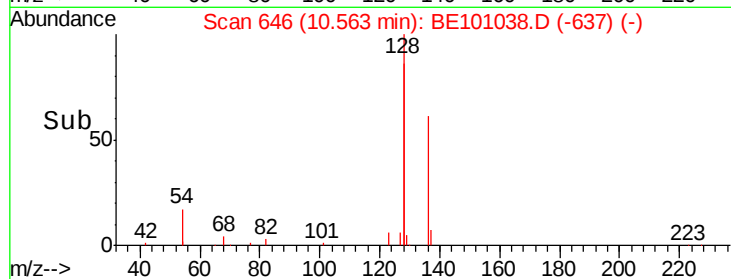
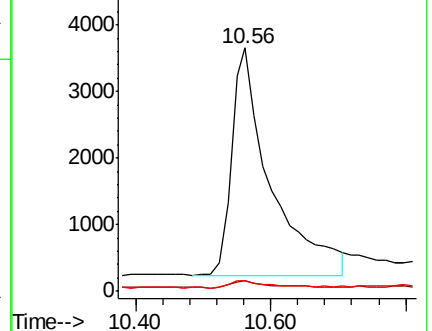
127 4.3 2.7 4.1#



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: 0.085 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

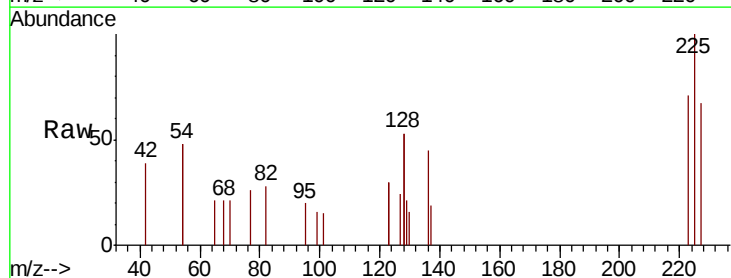
Tgt Ion:225 Resp: 556

Ion Ratio Lower Upper

225 100

223 63.3 52.2 78.4

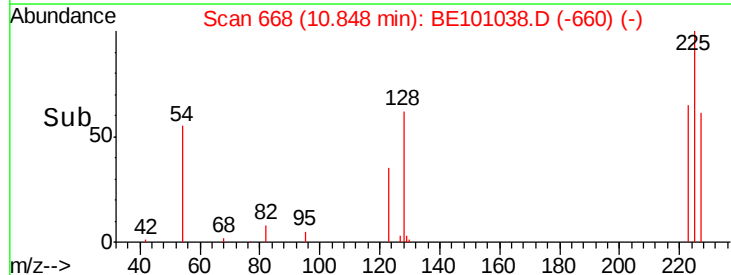
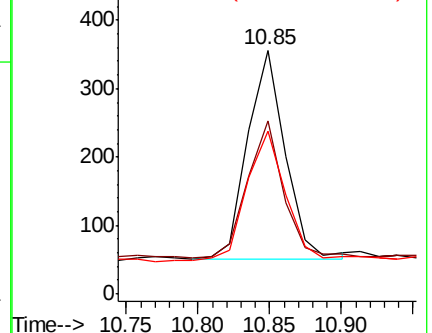
227 63.8 49.9 74.9

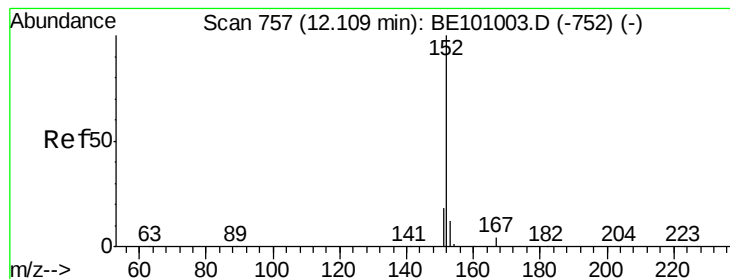


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

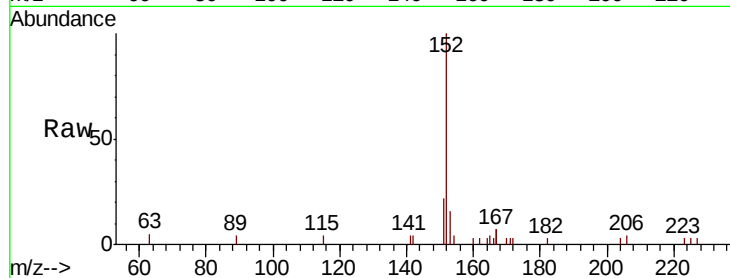
ClientSampleId :

Tot Ion:152 Resp: 8442

Ion Ratio Lower Upper

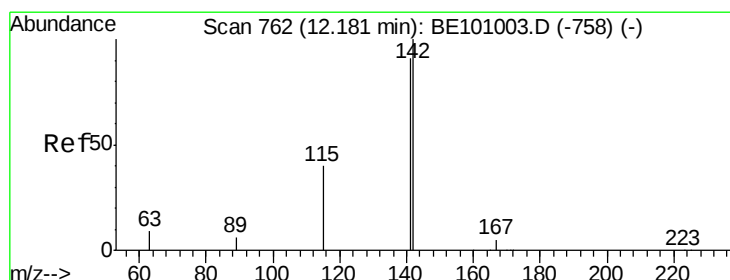
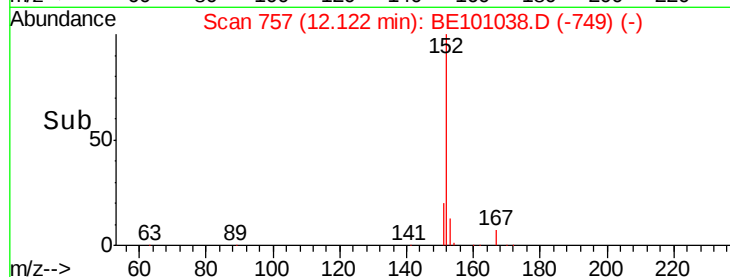
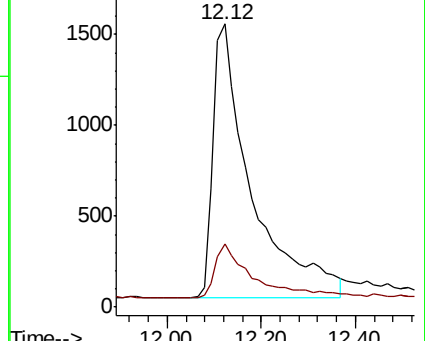
152 100

151 19.2 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: 0.083 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

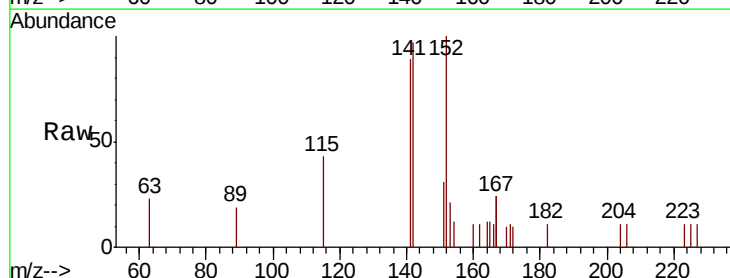
Tgt Ion:142 Resp: 1944

Ion Ratio Lower Upper

142 100

141 92.0 72.5 108.7

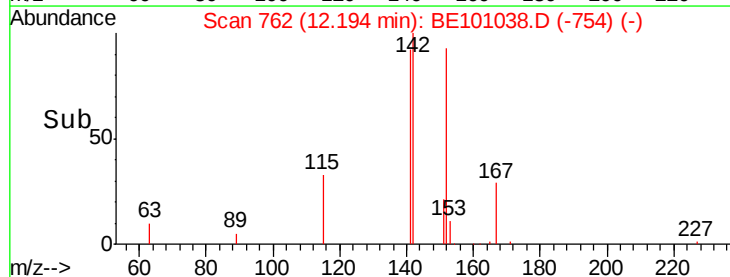
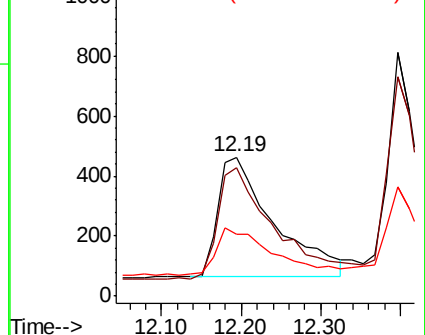
115 44.5 33.0 49.6

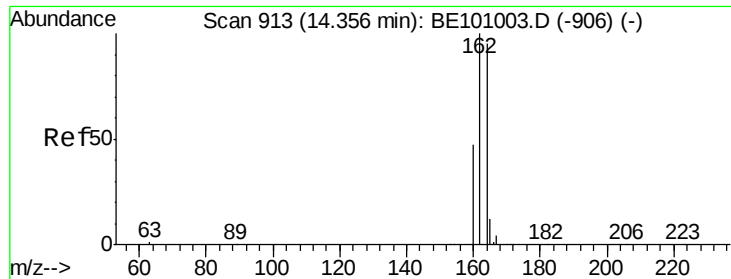


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

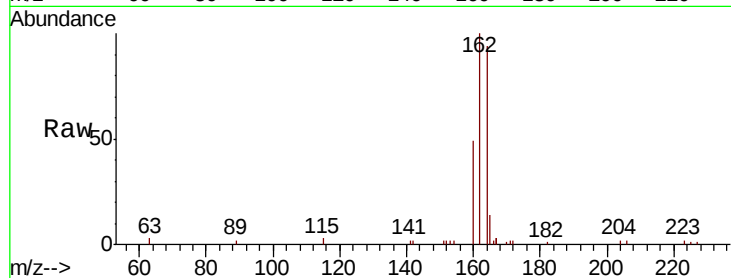




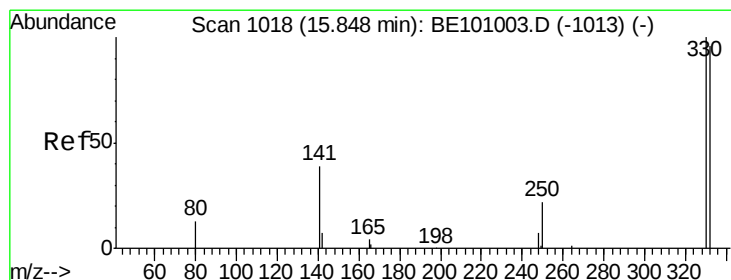
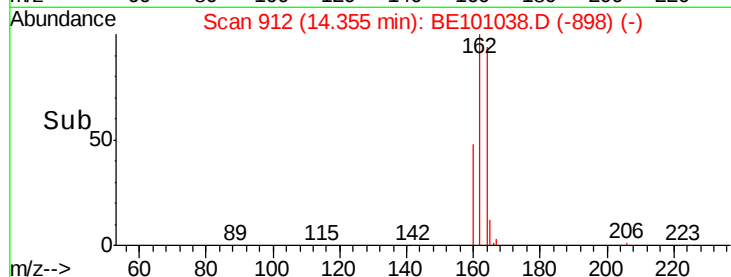
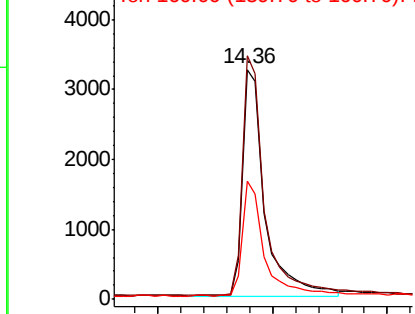
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8744
Ion Ratio Lower Upper
164 100
162 106.1 84.1 126.1
160 51.6 40.4 60.6

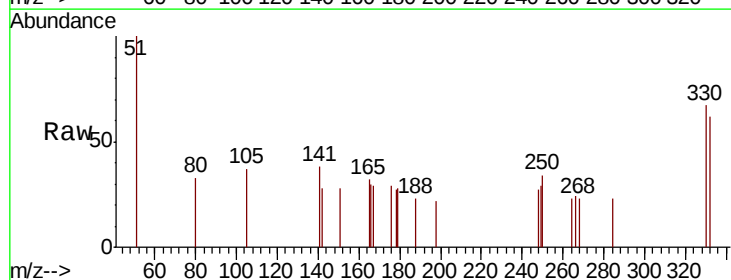


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

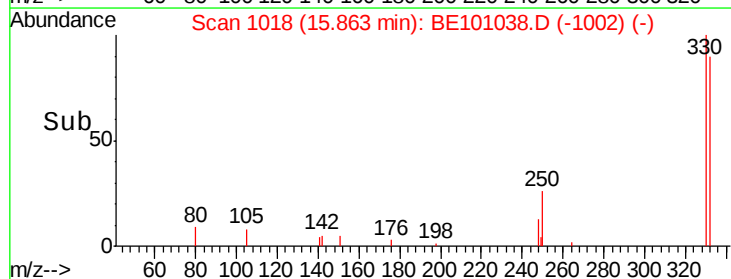
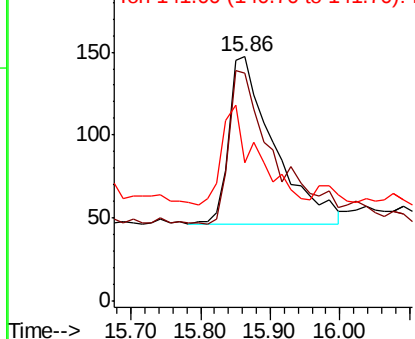


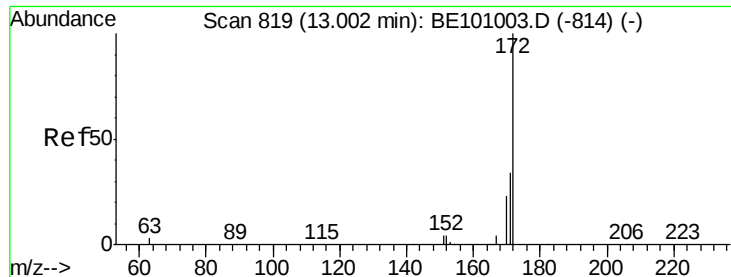
#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:330 Resp: 459
Ion Ratio Lower Upper
330 100
332 93.7 78.4 117.6
141 46.2 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

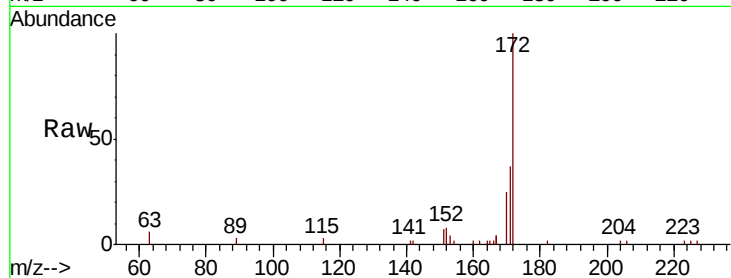




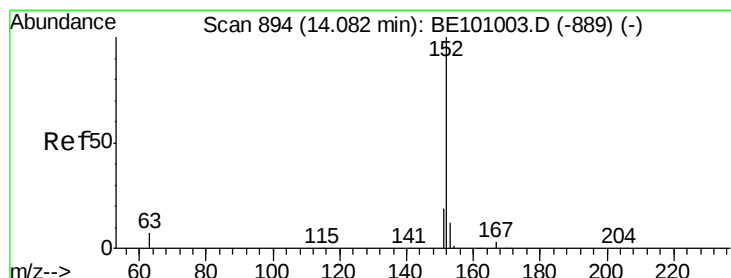
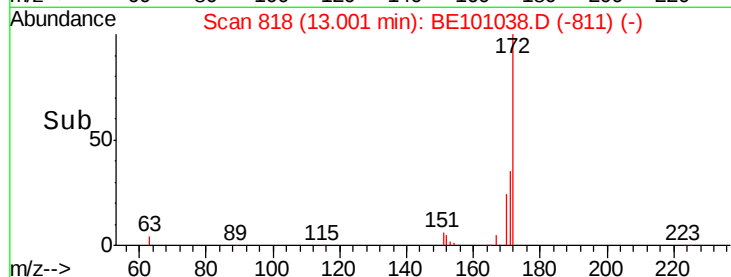
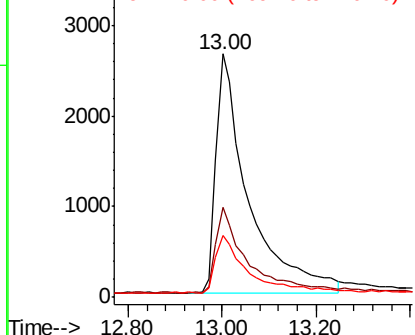
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12635
Ion Ratio Lower Upper
172 100
171 36.7 28.2 42.2
170 25.4 18.9 28.3

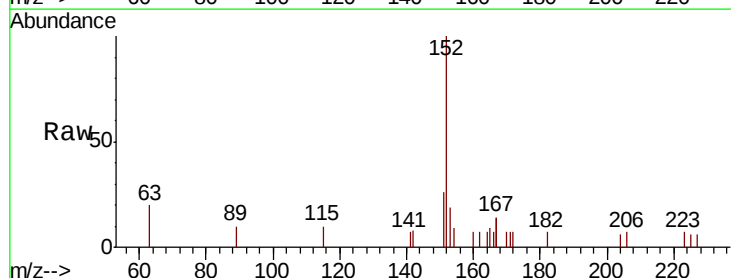


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

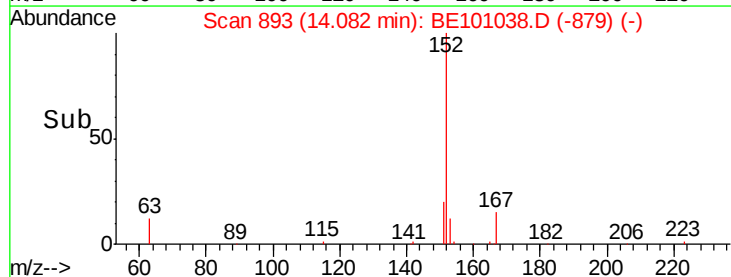
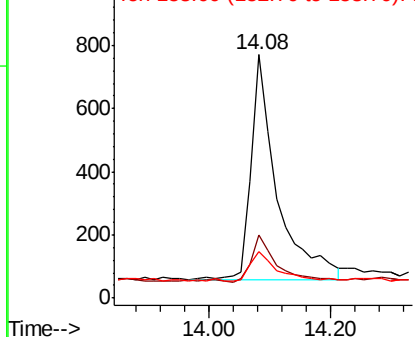


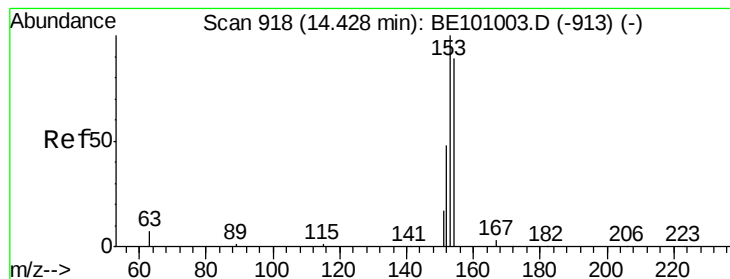
#16
Acenaphthylene
Concen: 0.058 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:152 Resp: 2057
Ion Ratio Lower Upper
152 100
151 20.7 15.5 23.3
153 14.7 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: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampled :

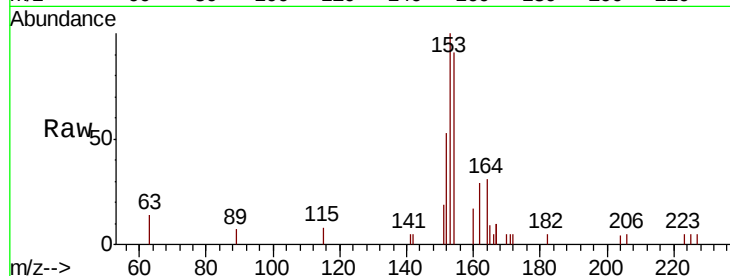
Tot Ion:154 Resp: 2006

Ion Ratio Lower Upper

154 100

153 119.0 93.6 140.4

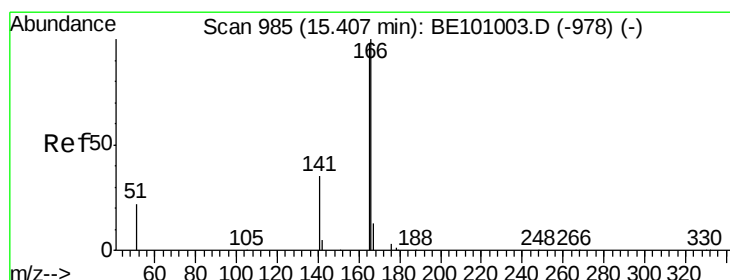
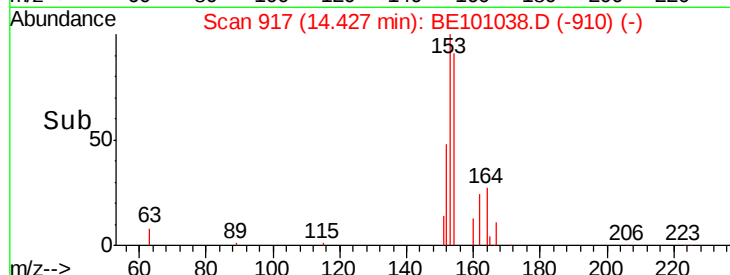
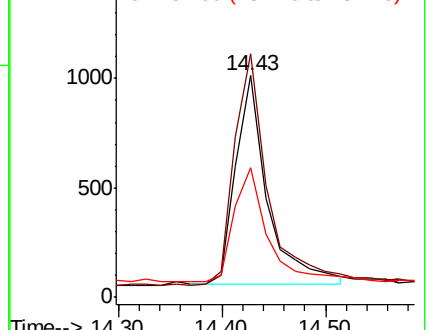
152 57.3 46.3 69.5



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: 0.075 ng

RT: 15.41 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

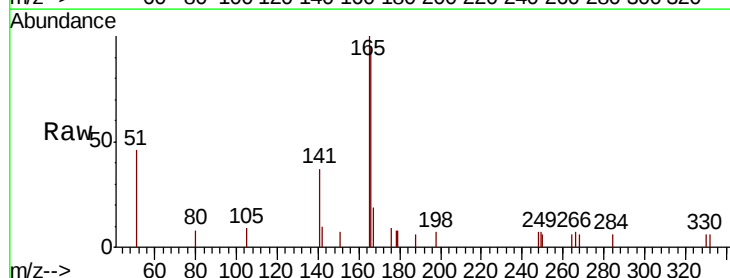
Tgt Ion:166 Resp: 2409

Ion Ratio Lower Upper

166 100

165 105.4 79.8 119.8

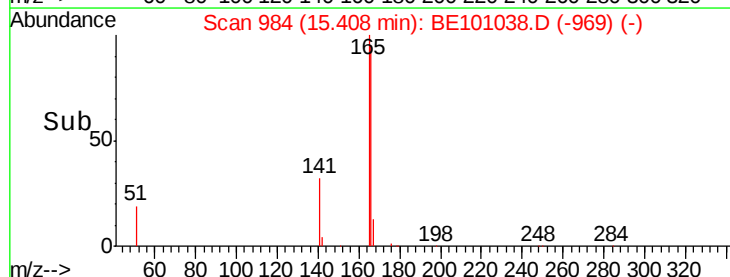
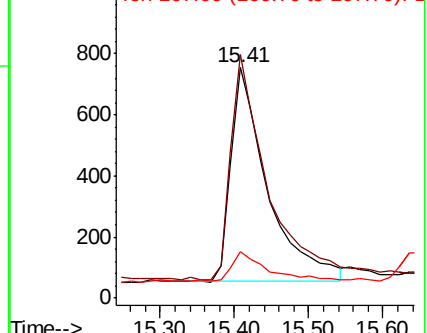
167 13.9 11.0 16.6

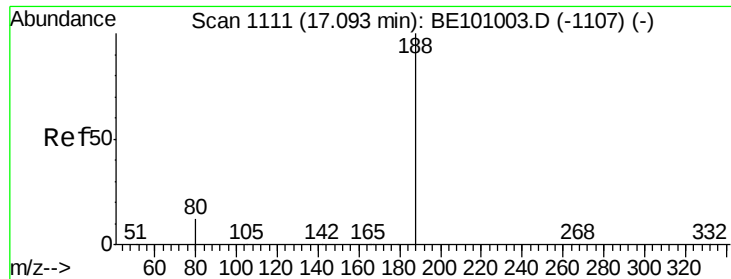


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampleId :

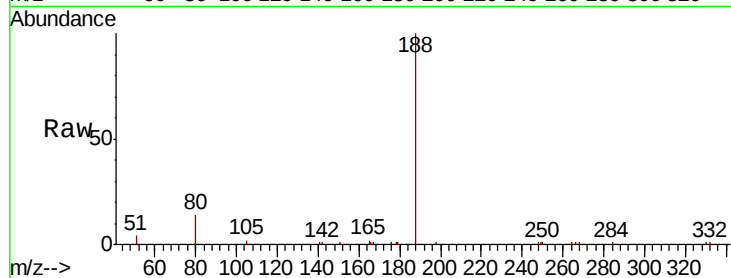
Tot Ion:188 Resp: 19052

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

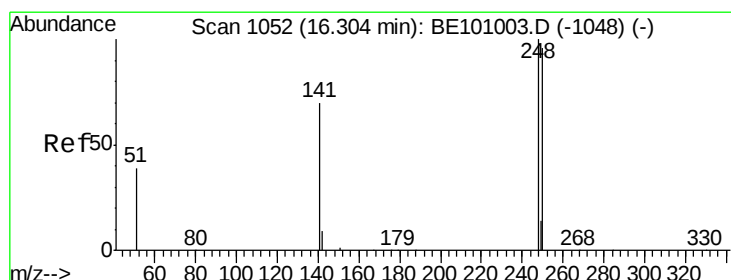
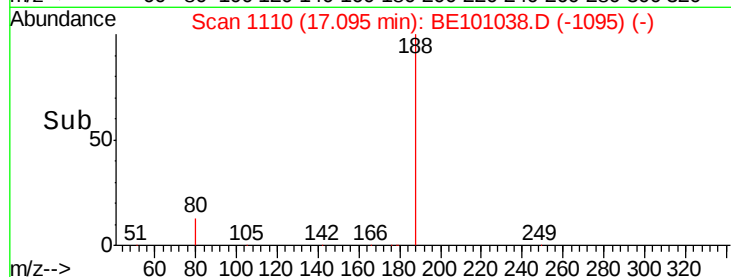
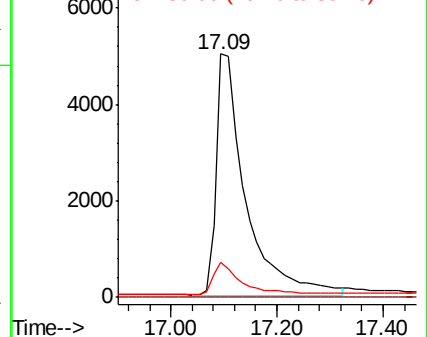
80 14.5 10.8 16.2



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: 0.071 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

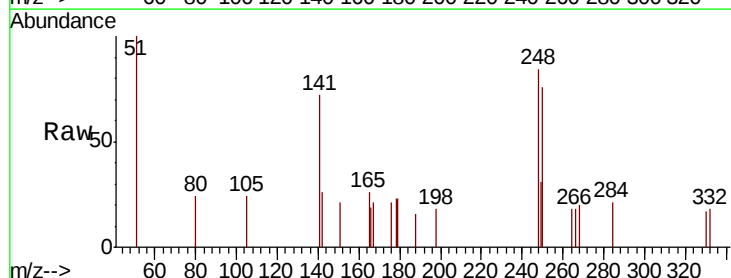
Tgt Ion:248 Resp: 659

Ion Ratio Lower Upper

248 100

250 89.9 76.6 115.0

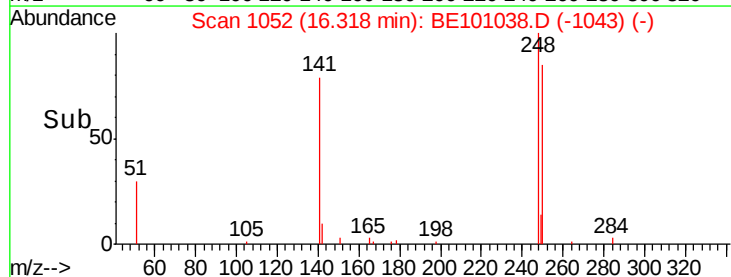
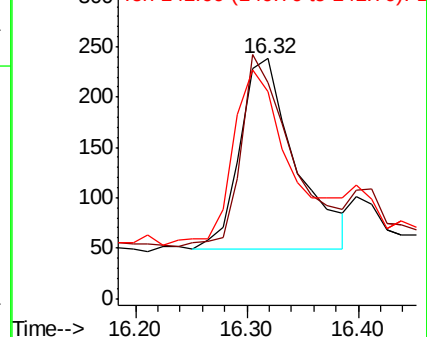
141 86.1 57.7 86.5

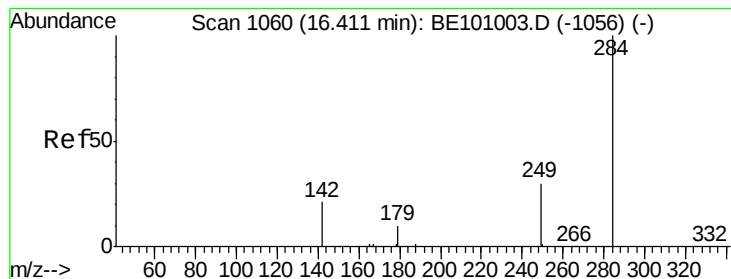


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.080 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampleId :

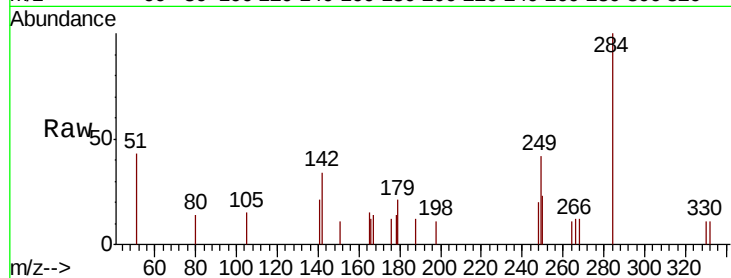
Tot Ion:284 Resp: 819

Ion Ratio Lower Upper

284 100

142 43.8 34.0 51.0

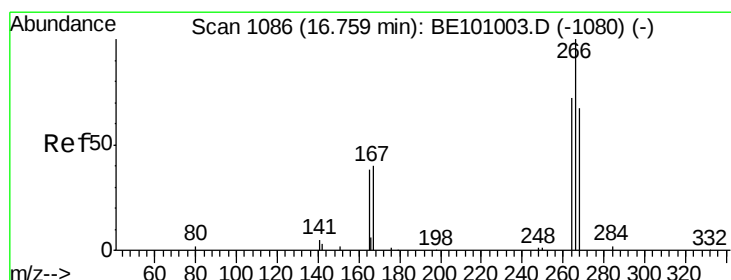
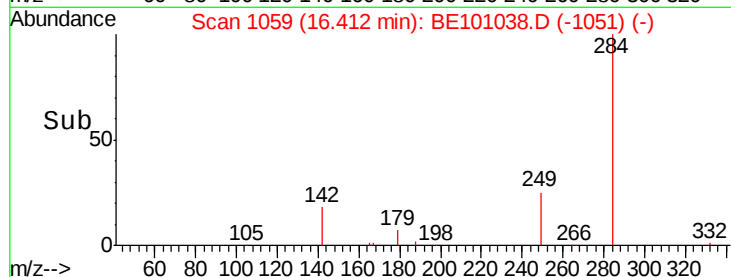
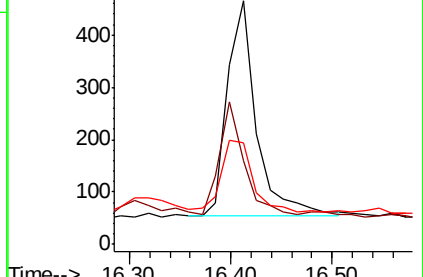
249 36.8 28.2 42.4



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: 0.100 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

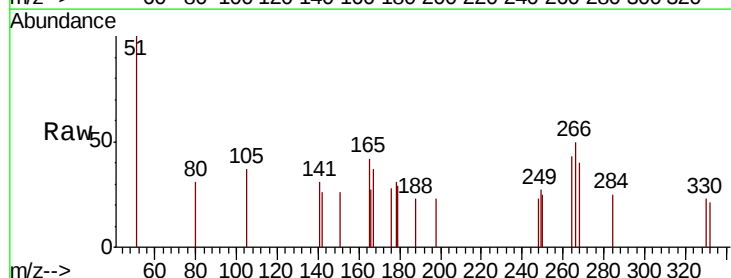
Tgt Ion:266 Resp: 251

Ion Ratio Lower Upper

266 100

264 85.3 61.0 91.4

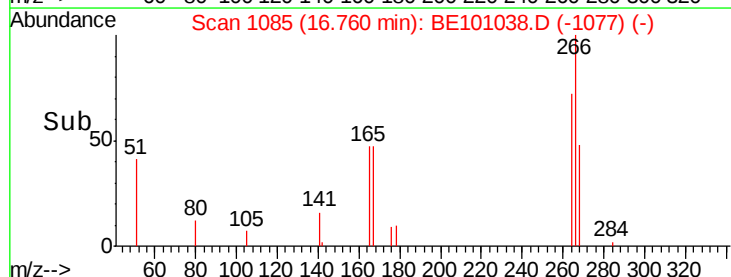
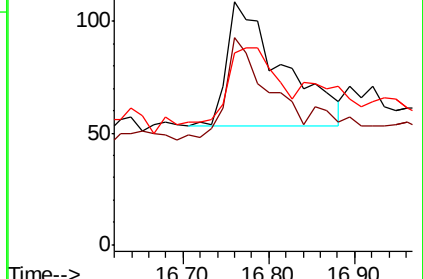
268 78.9 58.5 87.7

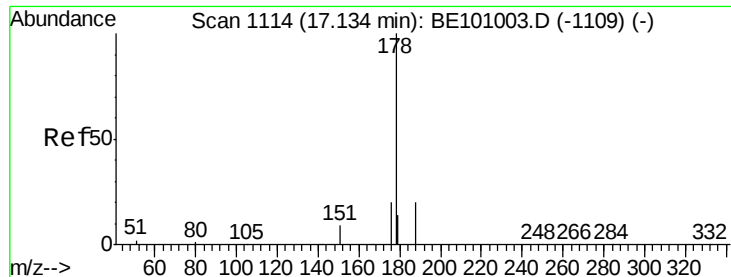


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

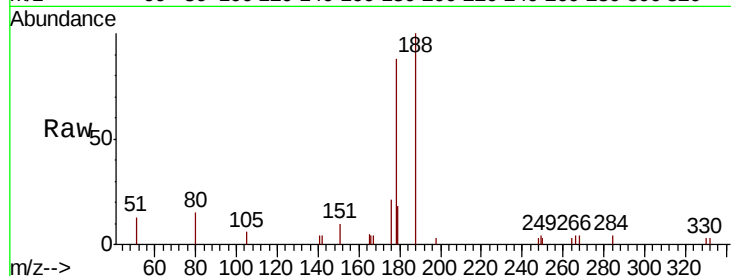




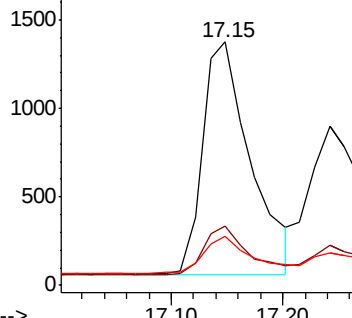
#23
Phenanthrene
Concen: 0.076 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :

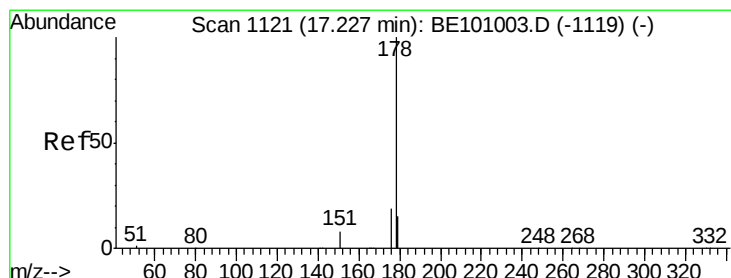
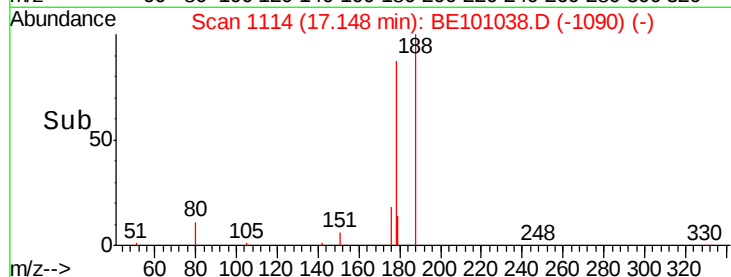
Tot Ion:178 Resp: 3929
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 17.0 12.0 18.0



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

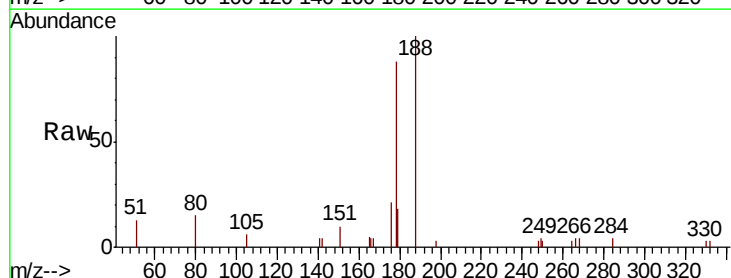


Time-->

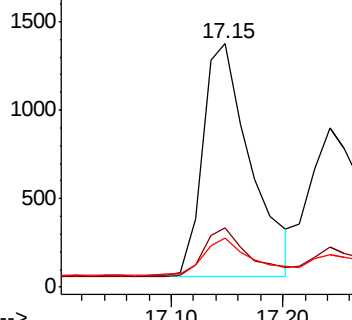


#24
Anthracene
Concen: 0.080 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.08 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

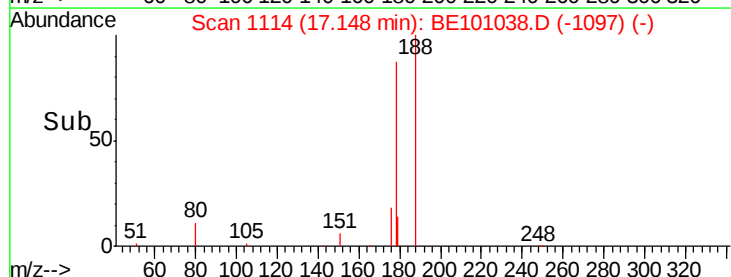
Tgt Ion:178 Resp: 3929
Ion Ratio Lower Upper
178 100
176 20.2 14.8 22.2
179 17.0 12.4 18.6

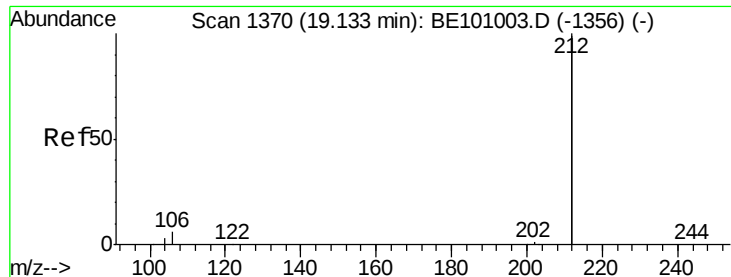


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.13 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampleId :

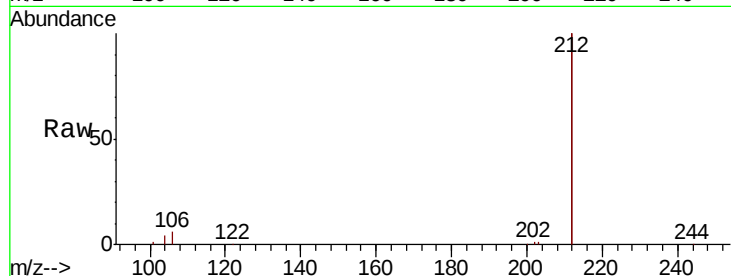
Tot Ion:212 Resp: 72127

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

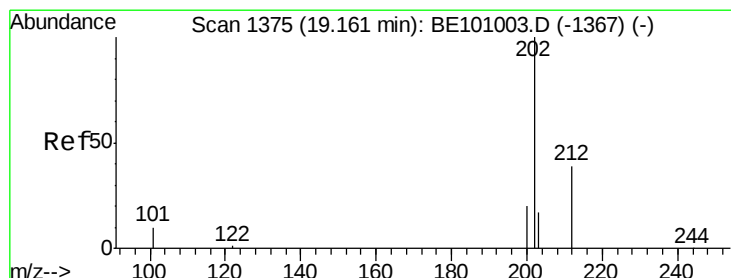
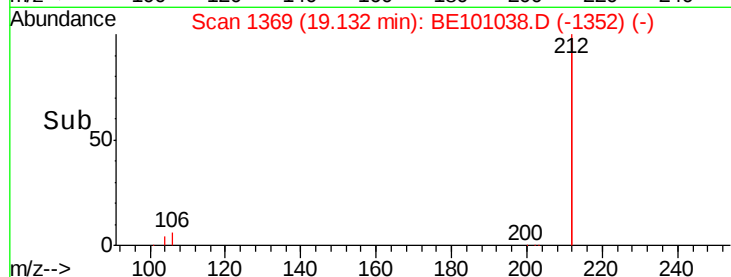
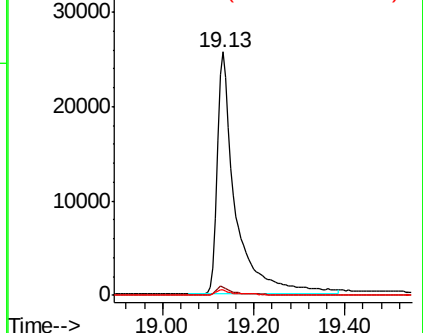
104 1.7 1.4 2.0



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: 0.072 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

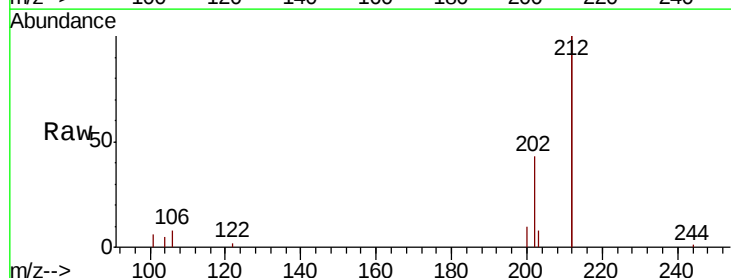
Tgt Ion:202 Resp: 4686

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

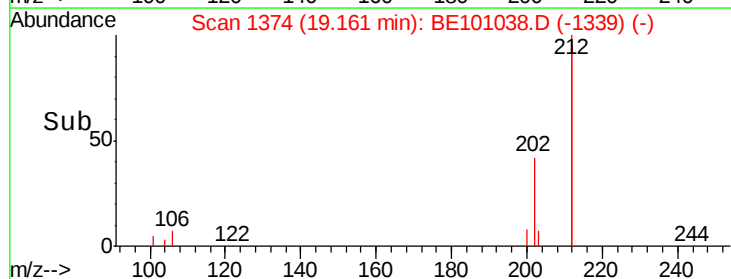
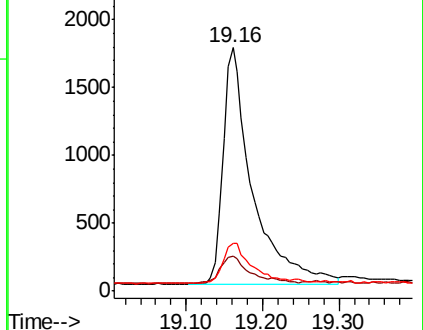
203 17.0 13.8 20.6

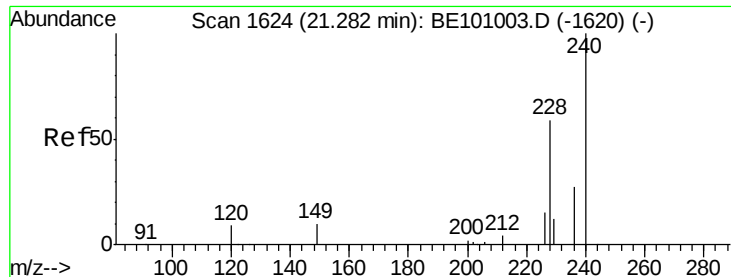


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

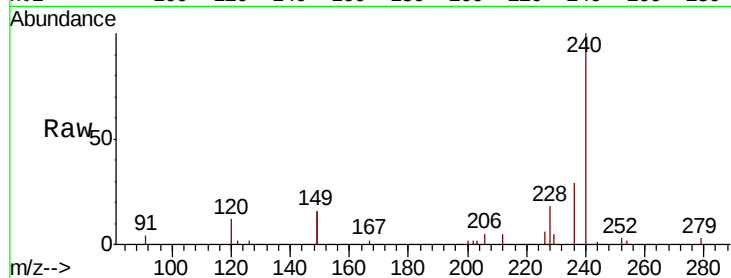




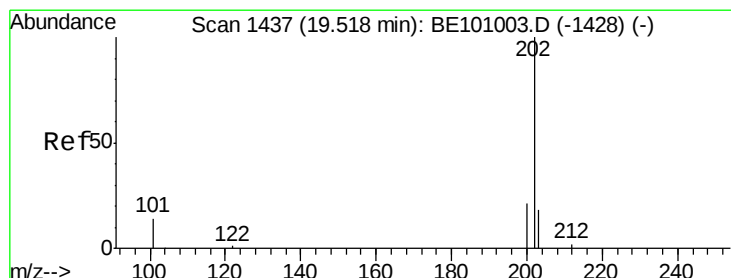
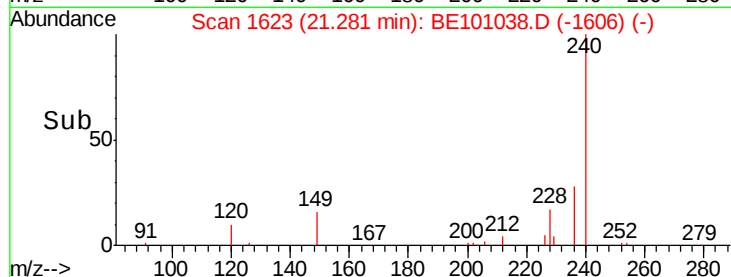
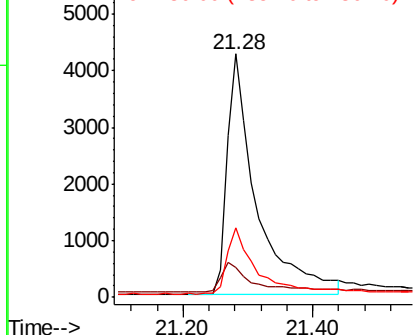
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 13499
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.6 13.0
 236 28.7 22.2 33.4

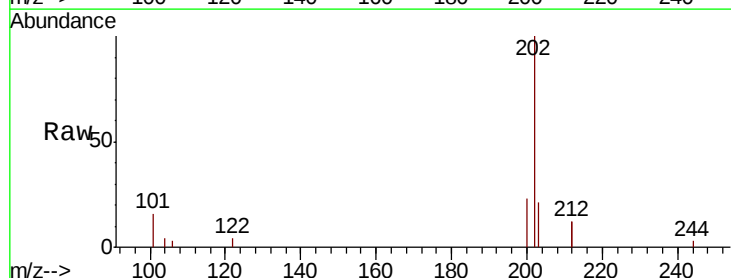


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

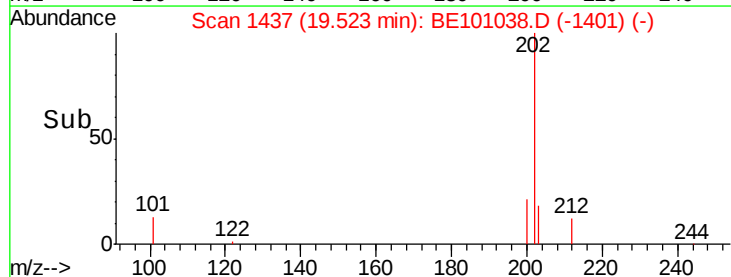
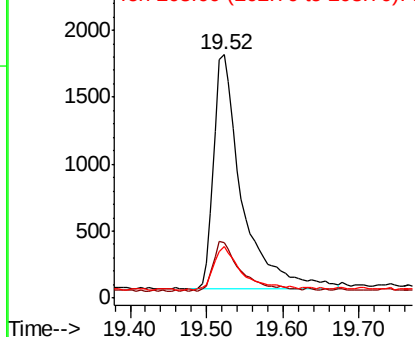


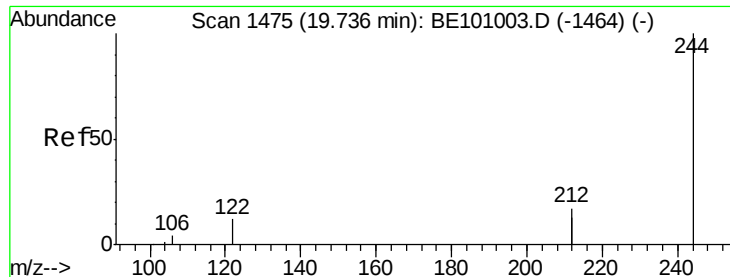
#28
 Pyrene
 Concen: 0.090 ng
 RT: 19.52 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Tgt Ion:202 Resp: 4534
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.0 25.4
 203 18.2 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: 0.443 ng

RT: 19.74 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampleId :

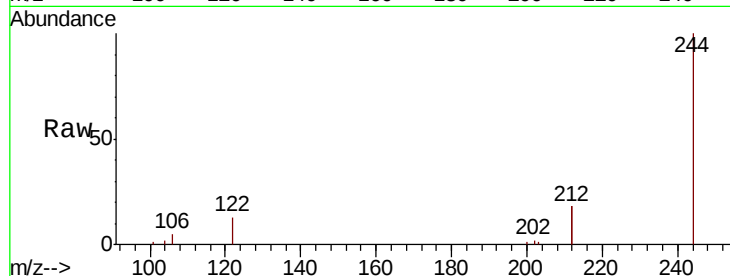
Tot Ion:244 Resp: 14688

Ion Ratio Lower Upper

244 100

212 36.4 27.2 40.8

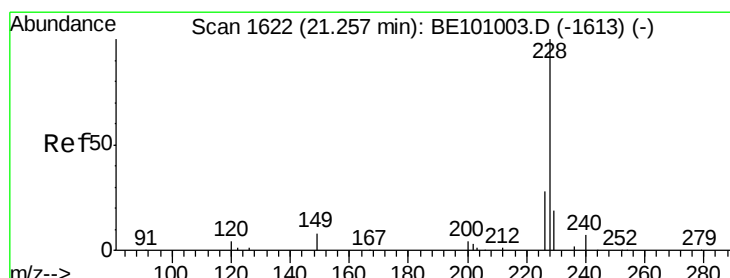
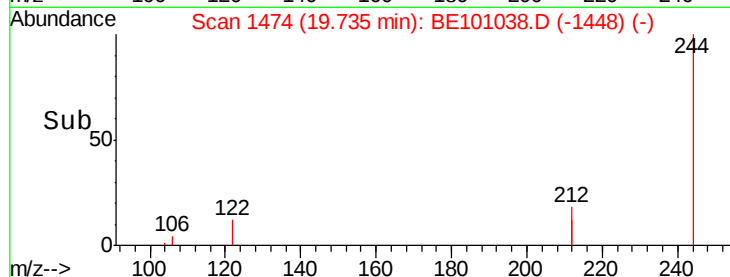
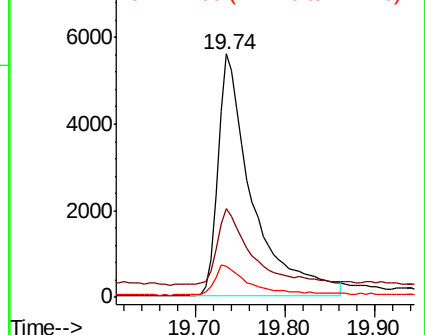
122 12.9 9.8 14.8



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: 0.105 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.06 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

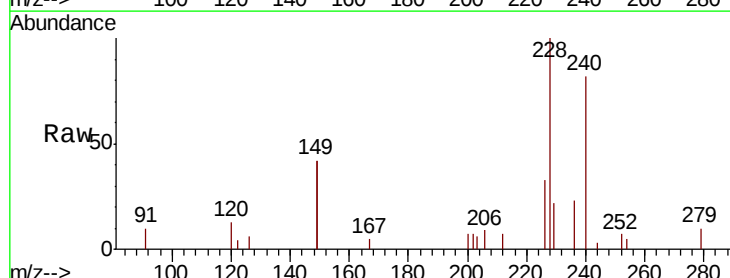
Tgt Ion:228 Resp: 4054

Ion Ratio Lower Upper

228 100

226 32.7 22.7 34.1

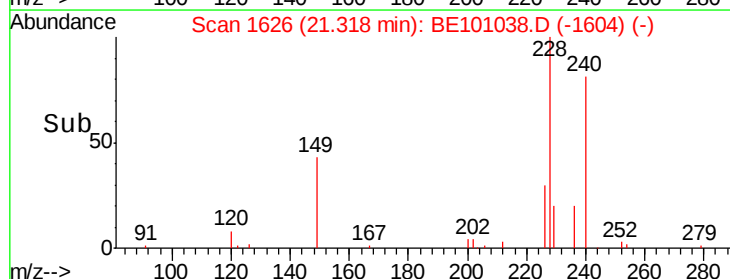
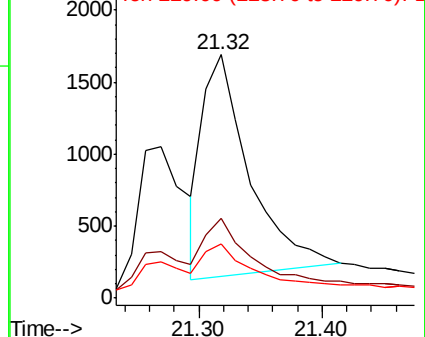
229 22.5 15.5 23.3

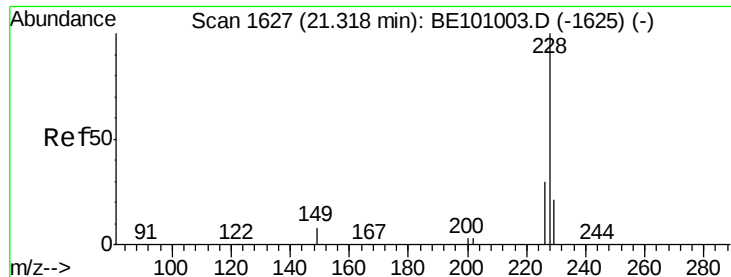


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.095 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampled :

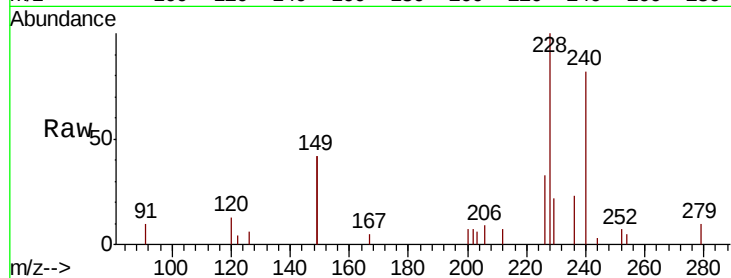
Tot Ion:228 Resp: 5447

Ion Ratio Lower Upper

228 100

226 32.7 23.5 35.3

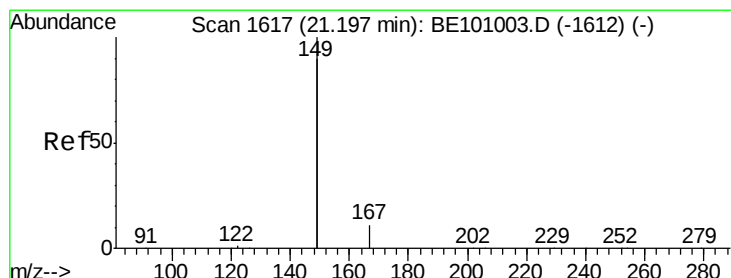
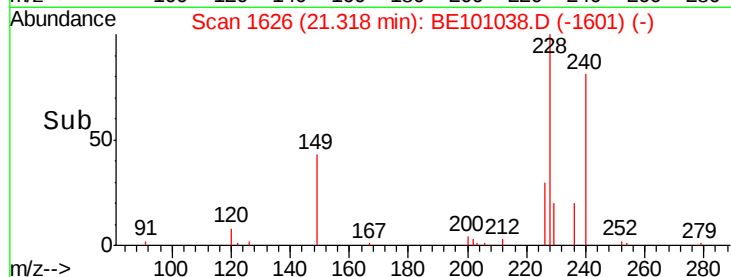
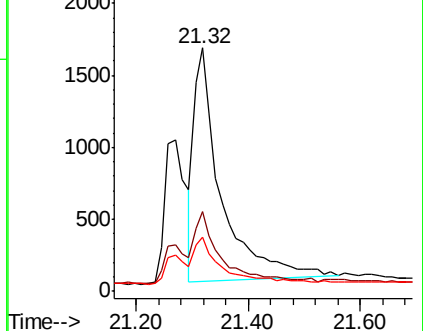
229 22.5 16.7 25.1



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: 0.083 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

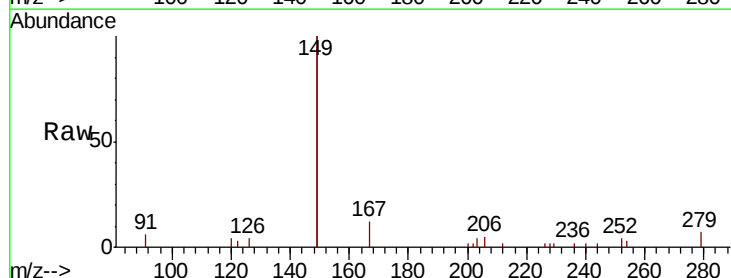
Tgt Ion:149 Resp: 5339

Ion Ratio Lower Upper

149 100

167 5.6 5.2 7.8

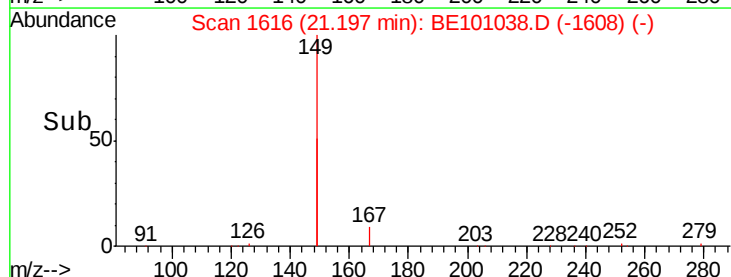
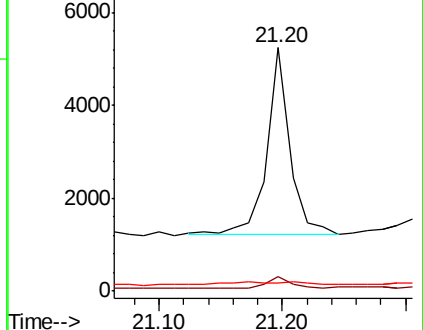
279 3.1 0.8 1.2#

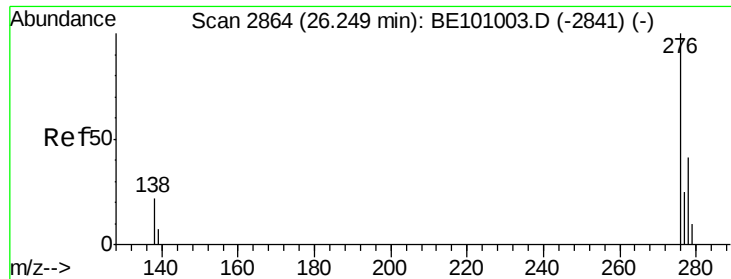


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

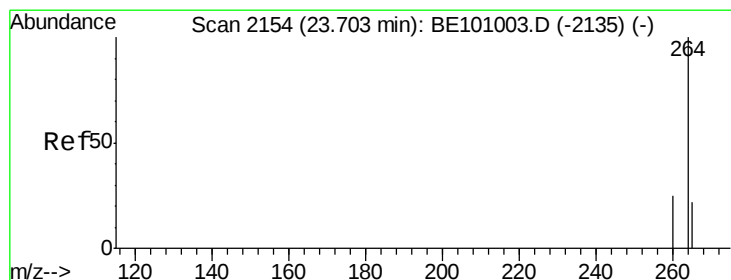
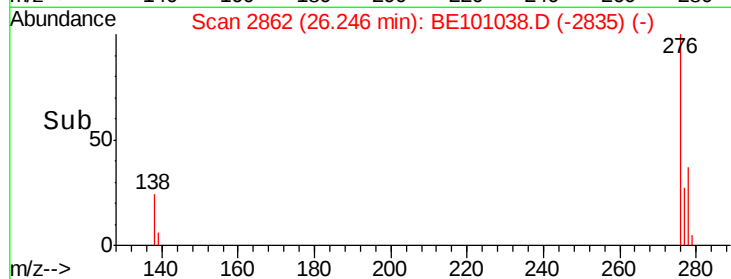
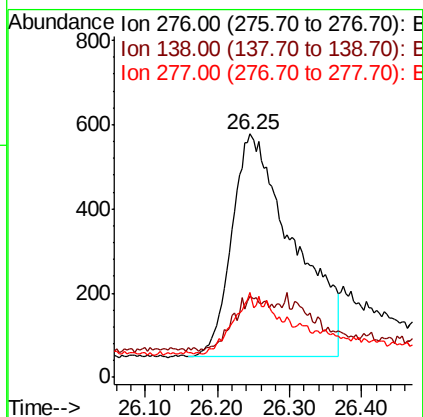
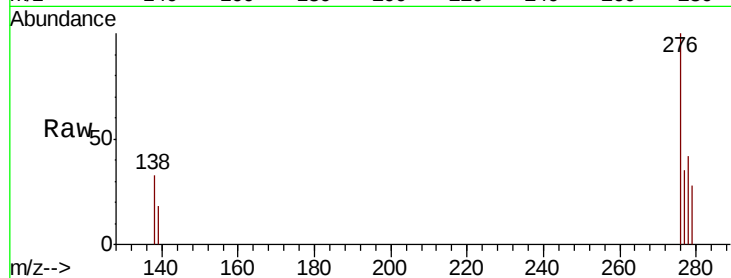




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng
RT: 26.25 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

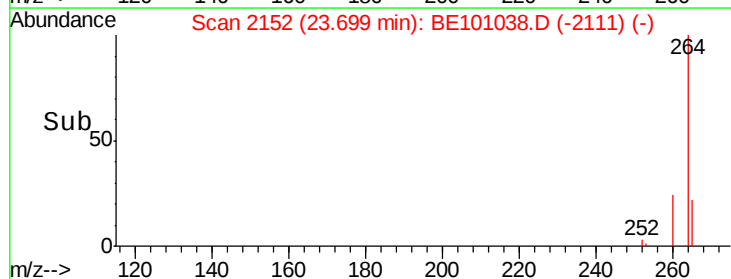
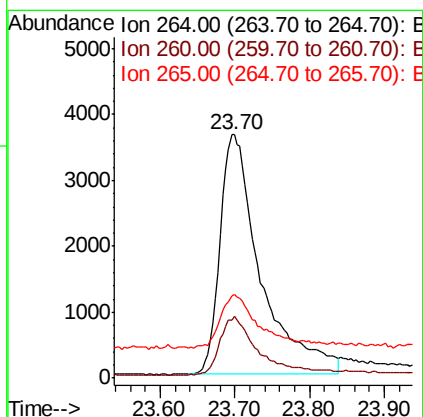
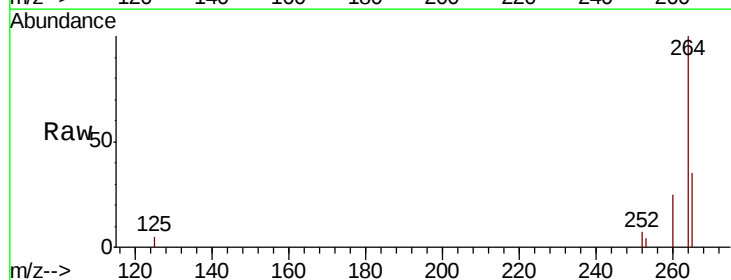
Instrument :
BNA_E
ClientSampleId :

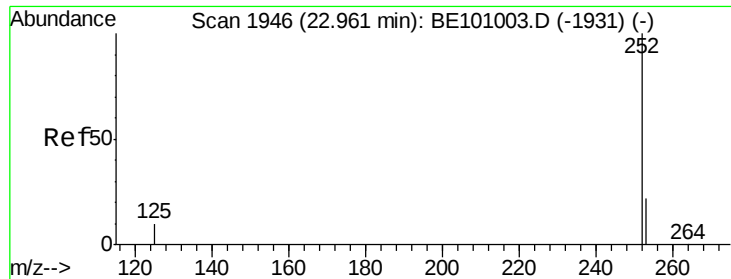
Tot Ion:276 Resp: 3108
Ion Ratio Lower Upper
276 100
138 11.0 16.1 24.1#
277 9.5 18.1 27.1#



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:264 Resp: 13783
Ion Ratio Lower Upper
264 100
260 25.2 20.3 30.5
265 34.6 27.0 40.4

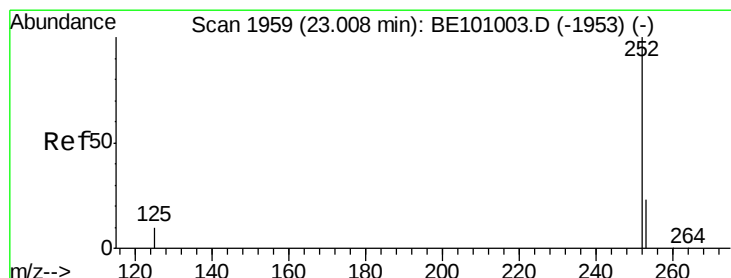
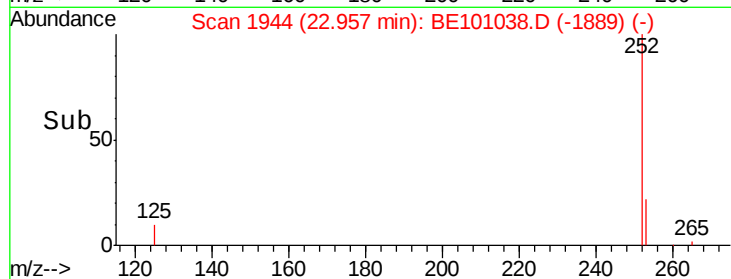
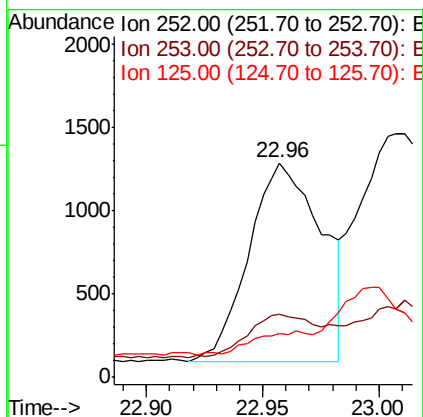
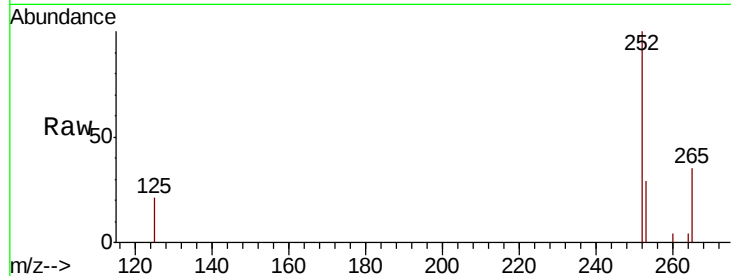




#35
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

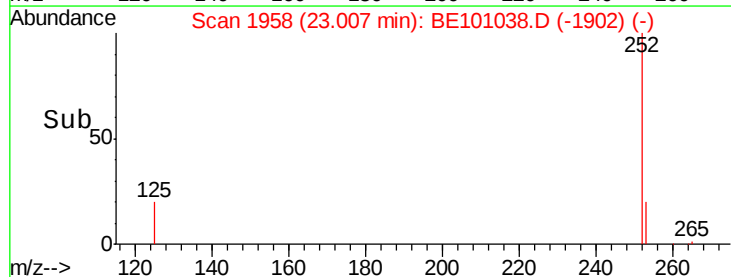
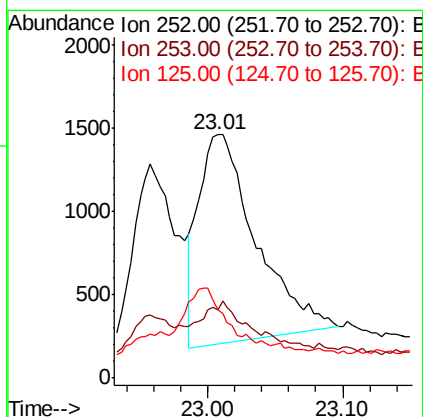
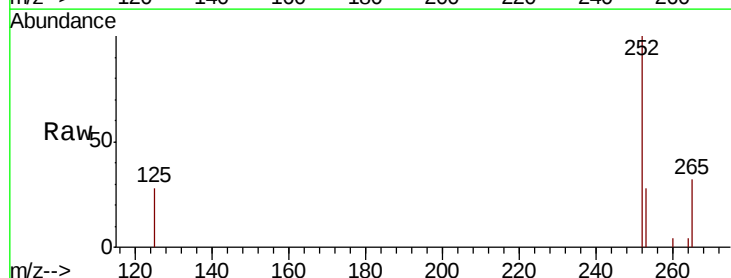
Instrument :
BNA_E
ClientSampleId :

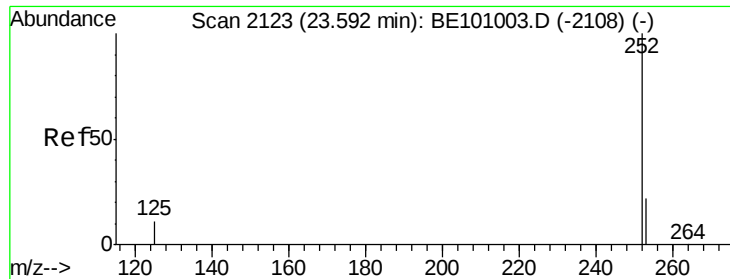
Tot Ion:252 Resp: 2582
Ion Ratio Lower Upper
252 100
253 29.3 18.5 27.7#
125 20.6 9.5 14.3#



#36
Benzo(k)fluoranthene
Concen: 0.066 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion:252 Resp: 3706
Ion Ratio Lower Upper
252 100
253 27.8 18.9 28.3
125 28.2 10.1 15.1#





#37

Benzo(a)pyrene

Concen: 0.072 ng

RT: 23.60 min Scan# 2123

Delta R.T. 0.00 min

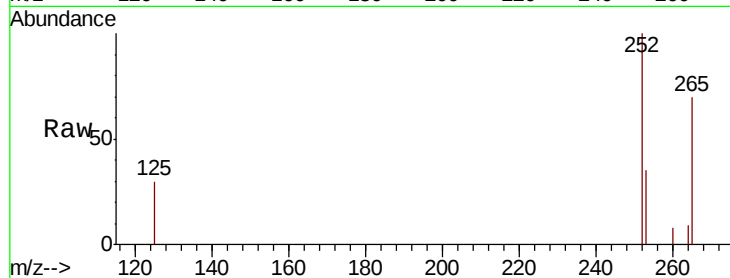
Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampleId :



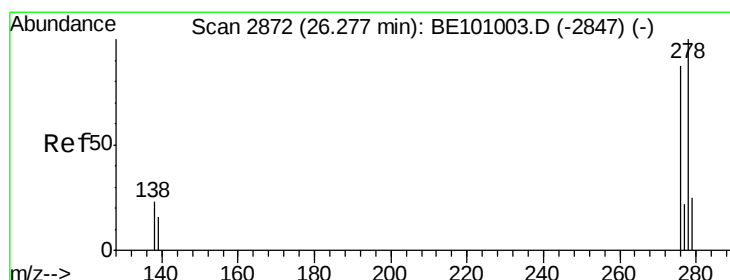
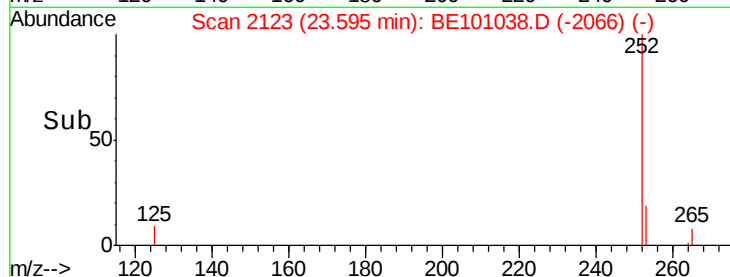
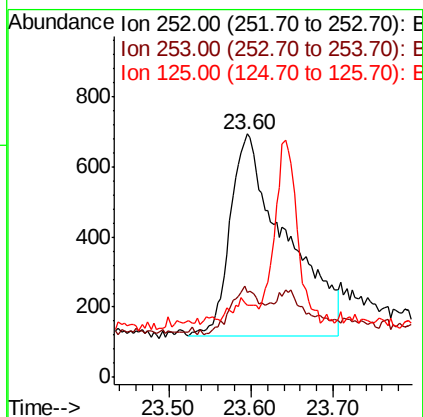
Tot Ion:252 Resp: 2697

Ion Ratio Lower Upper

252 100

253 34.9 19.4 29.2#

125 29.8 11.8 17.6#



#38

Dibenzo(a,h)anthracene

Concen: 0.023 ng

RT: 26.27 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

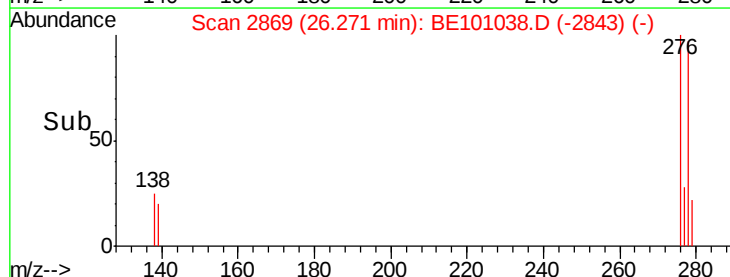
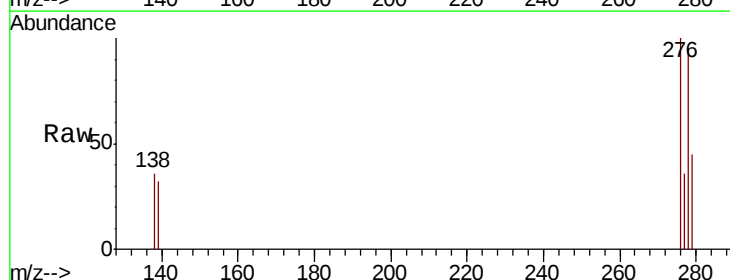
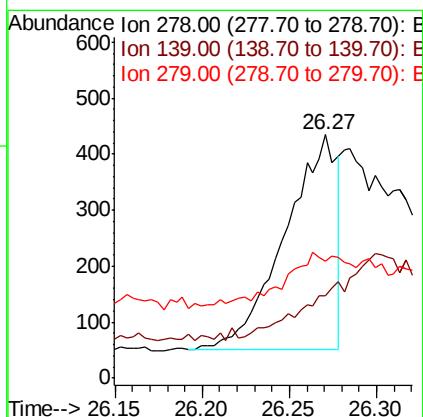
Tgt Ion:278 Resp: 799

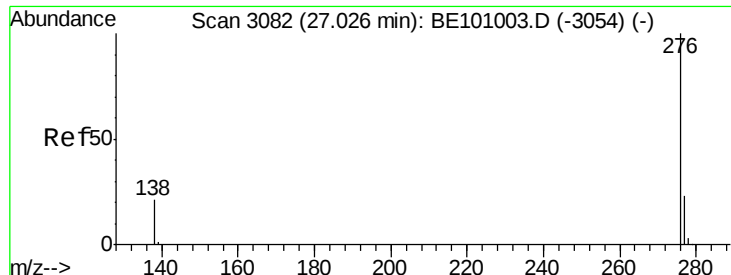
Ion Ratio Lower Upper

278 100

139 33.8 15.0 22.4#

279 48.0 22.6 33.8#





#39

Benzo(a,h,i)perylene

Concen: 0.078 ng

RT: 27.02 min Scan# 3079

Delta R.T. -0.01 min

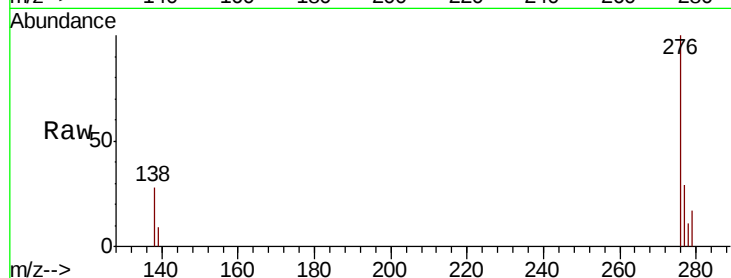
Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampleId :



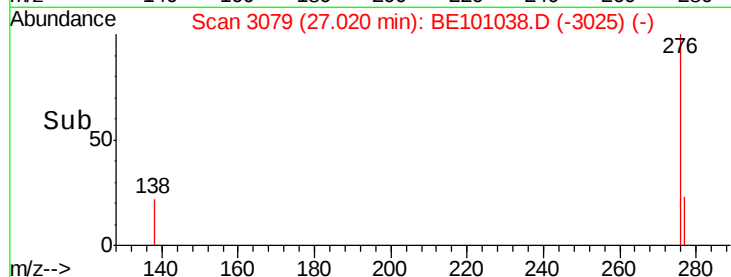
Tot Ion: 276 Resp: 3312

Ion Ratio Lower Upper

276 100

277 29.1 19.4 29.2

138 28.5 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

