

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
 Data File : BE101006.D
 Acq On : 8 Jan 2020 16:29
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 08 18:20:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:14:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3892	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	16553	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	9965	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	21230	0.40	ng	0.00
27) Chrysene-d12	21.27	240	20877	0.40	ng	-0.01
34) Perylene-d12	23.70	264	19707	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	25831	3.93	ng	0.00
5) Phenol-d6	6.91	99	41230	4.46	ng	-0.01
8) Nitrobenzene-d5	8.86	82	44260	5.58	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	103758	4.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	11067	5.06	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	124915	3.53	ng	-0.02
25) Fluoranthene-d10	19.13	212	1042575	4.05	ng	0.00
29) Terphenyl-d14	19.73	244	173143	3.61	ng	0.00

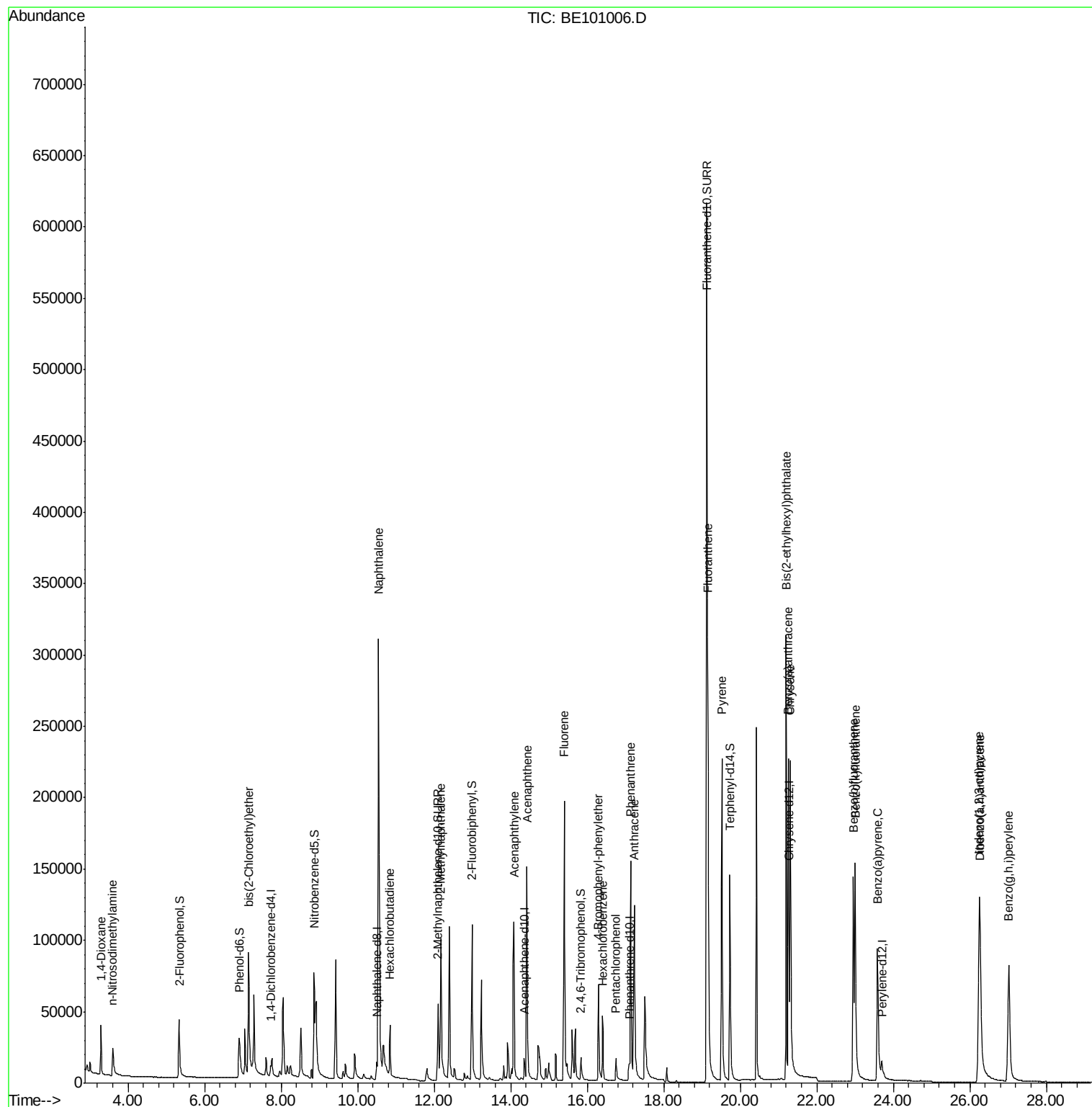
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	21550	1.568	ng	91
3) n-Nitrosodimethylamine	3.59	42	17656	5.497	ng	# 89
6) bis(2-Chloroethyl)ether	7.15	93	43081	3.062	ng	95
9) Naphthalene	10.55	128	618629	3.515	ng	100
10) Hexachlorobutadiene	10.85	225	24577	3.160	ng	98
12) 2-Methylnaphthalene	12.17	142	97500	3.656	ng	99
16) Acenaphthylene	14.08	152	153269	4.115	ng	100
17) Acenaphthene	14.43	154	100904	3.729	ng	96
18) Fluorene	15.39	166	129125	3.829	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	37921	4.068	ng	94
21) Hexachlorobenzene	16.41	284	38795	3.524	ng	99
22) Pentachlorophenol	16.75	266	11600	7.055	ng	86
23) Phenanthrene	17.13	178	201934	3.690	ng	99
24) Anthracene	17.23	178	201405	3.640	ng	100
26) Fluoranthene	19.16	202	262186	3.513	ng	100
28) Pyrene	19.52	202	256880	3.517	ng	100
30) Benzo(a)anthracene	21.26	228	213991	4.188	ng	98
31) Chrysene	21.31	228	284811	2.994	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	371832	3.308	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	240461	3.357	ng	# 93
35) Benzo(b)fluoranthene	22.95	252	207249	4.995	ng	97
36) Benzo(k)fluoranthene	23.00	252	269126	3.422	ng	96
37) Benzo(a)pyrene	23.59	252	197220	4.072	ng	# 94
38) Dibenzo(a,h)anthracene	26.27	278	193464	4.408	ng	92
39) Benzo(g,h,i)perylene	27.02	276	217600	4.209	ng	99

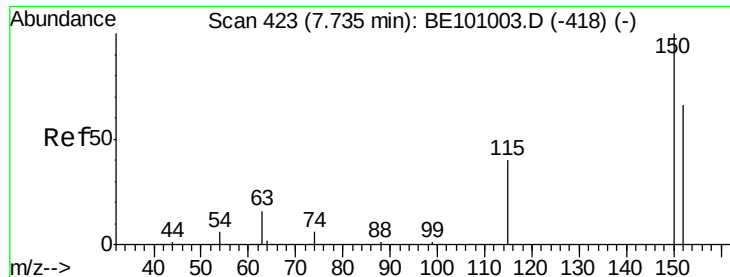
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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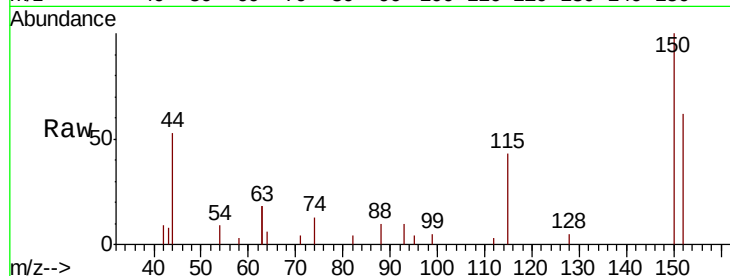


#1

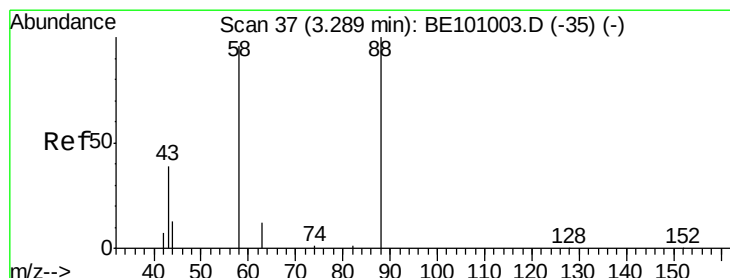
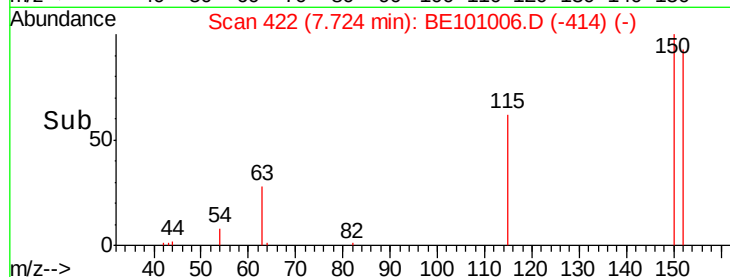
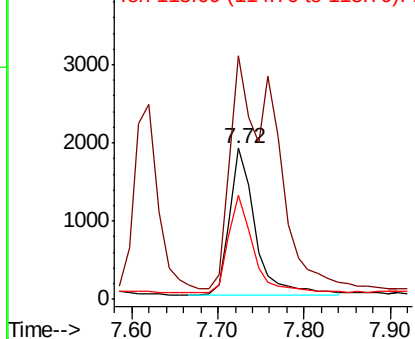
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3892
Ion Ratio Lower Upper
152 100
150 161.3 120.3 180.5
115 68.7 51.7 77.5



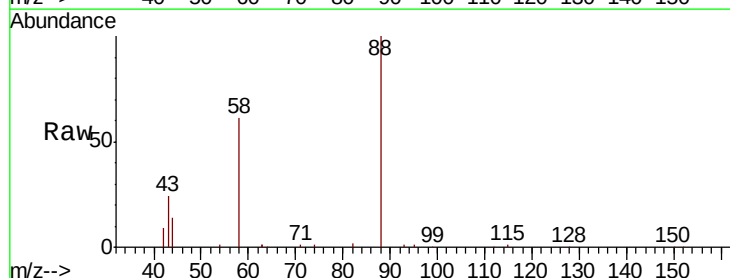
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



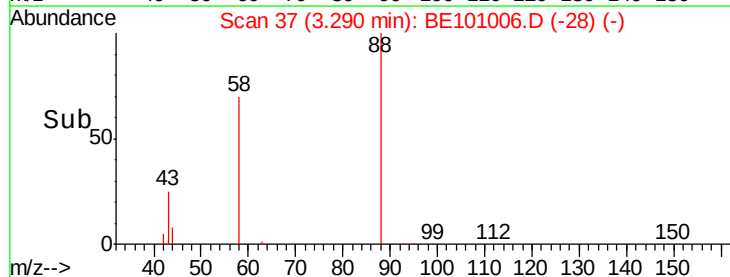
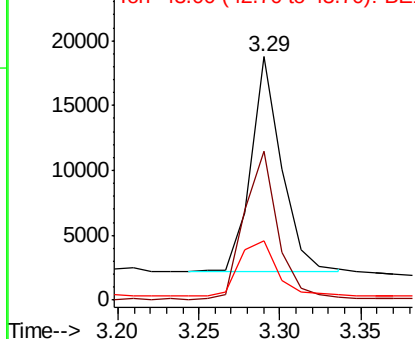
#2

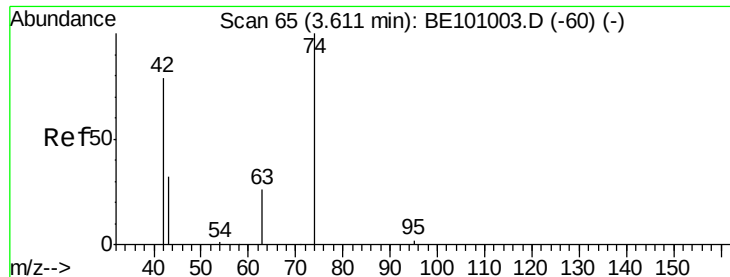
1,4-Dioxane
Concen: 1.568 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion: 88 Resp: 21550
Ion Ratio Lower Upper
88 100
58 75.4 53.0 79.4
43 31.5 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



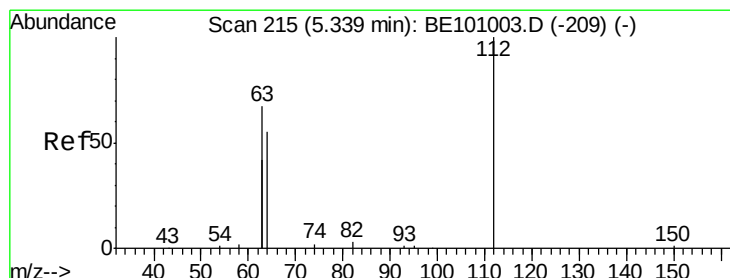
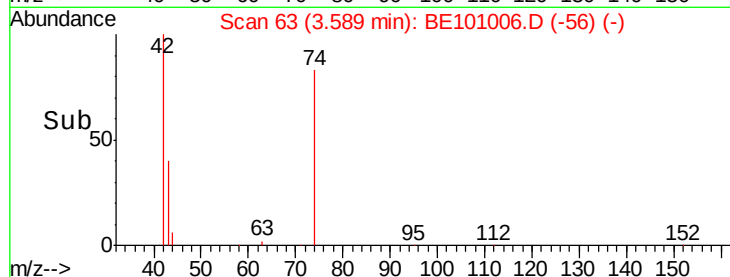
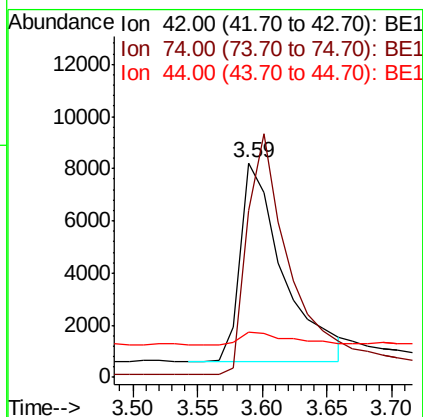
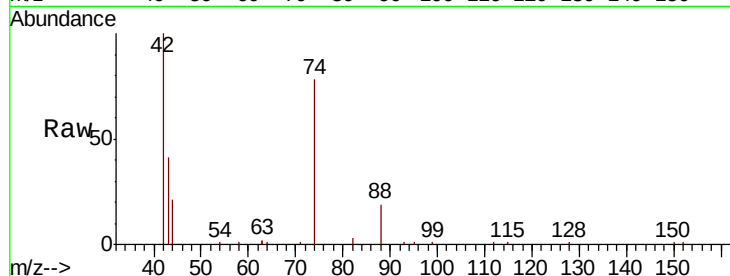


#3

n-Nitrosodimethylamine
 Concen: 5.497 ng
 RT: 3.59 min Scan# 63
 Delta R.T. -0.02 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Instrument :
 BNA_E
 ClientSampleId :

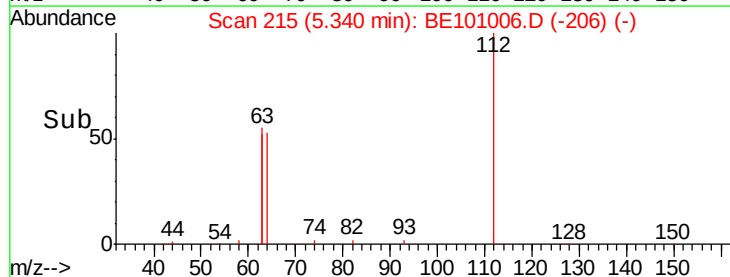
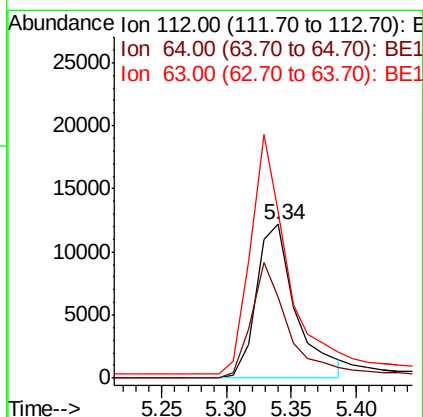
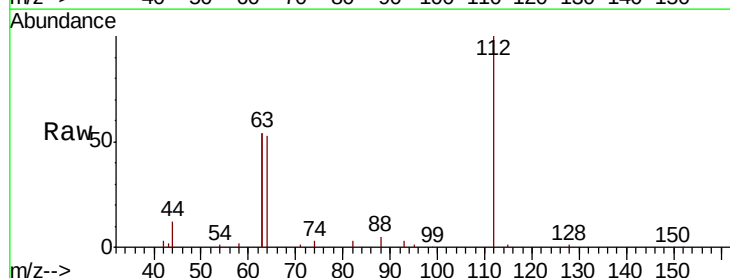
Tot Ion: 42 Resp: 17656
 Ion Ratio Lower Upper
 42 100
 74 119.5 105.7 158.5
 44 8.1 10.0 15.0#

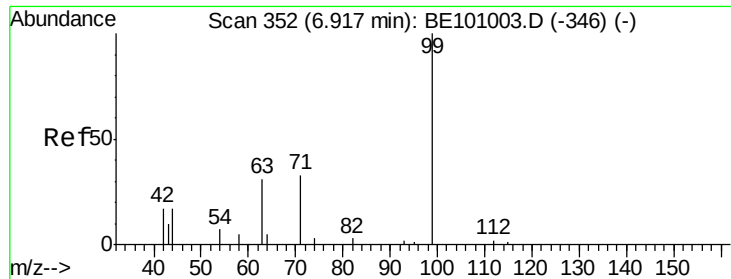


#4

2-Fluorophenol
 Concen: 3.925 ng
 RT: 5.34 min Scan# 215
 Delta R.T. 0.00 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Tgt Ion: 112 Resp: 25831
 Ion Ratio Lower Upper
 112 100
 64 69.1 53.6 80.4
 63 146.8 114.6 172.0





#5

Phenol-d6

Concen: 4.463 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

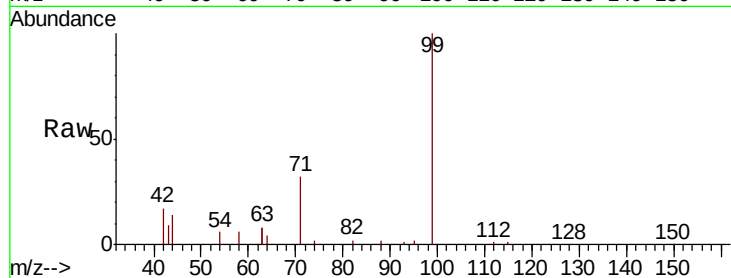
Tot Ion: 99 Resp: 41230

Ion Ratio Lower Upper

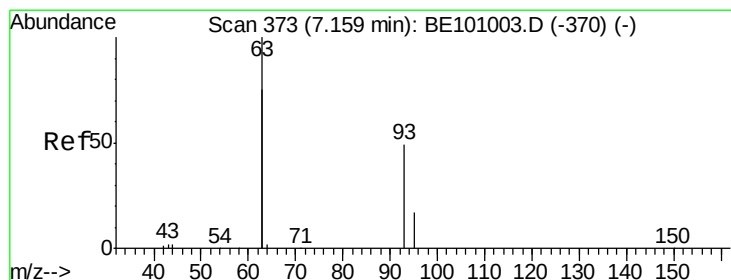
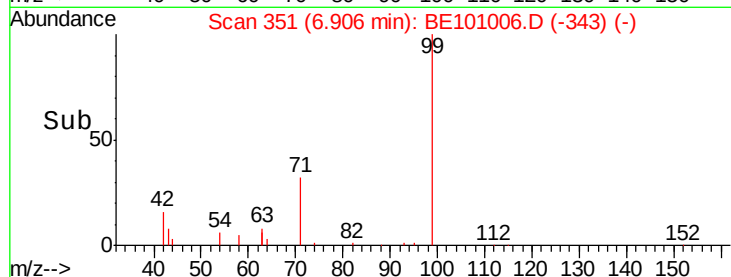
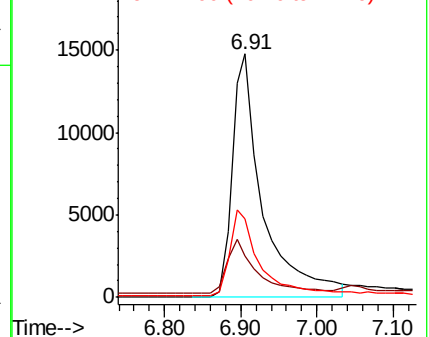
99 100

42 21.8 18.3 27.5

71 35.7 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: 3.062 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

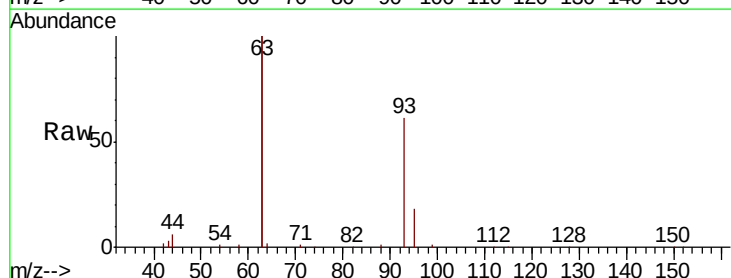
Tgt Ion: 93 Resp: 43081

Ion Ratio Lower Upper

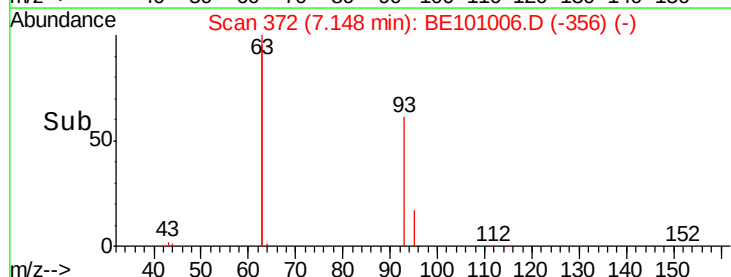
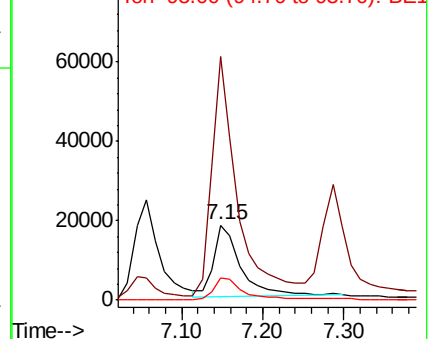
93 100

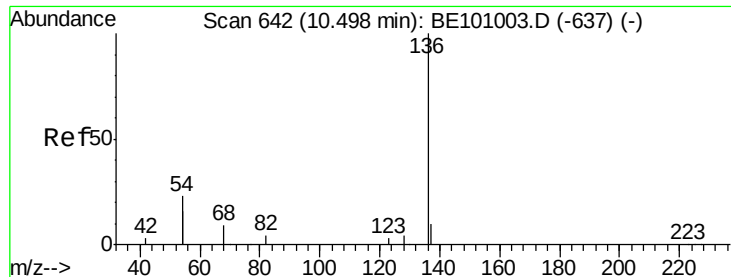
63 302.7 233.9 350.9

95 33.0 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: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16553

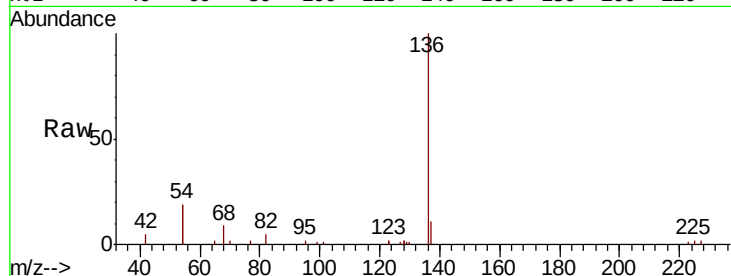
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 37.8 36.8 55.2

68 8.6 8.4 12.6

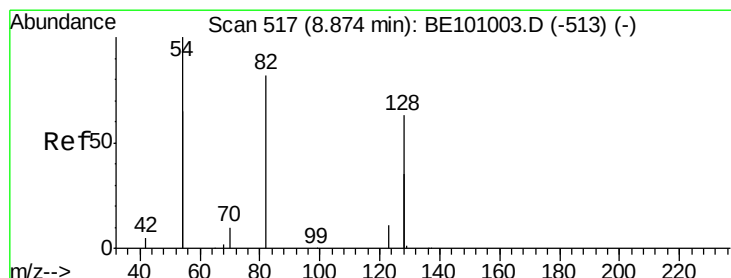
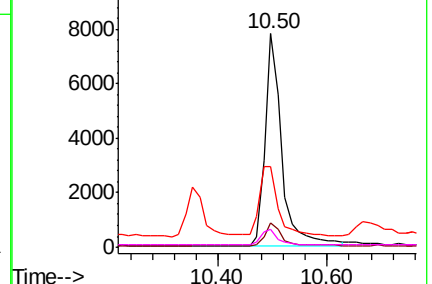
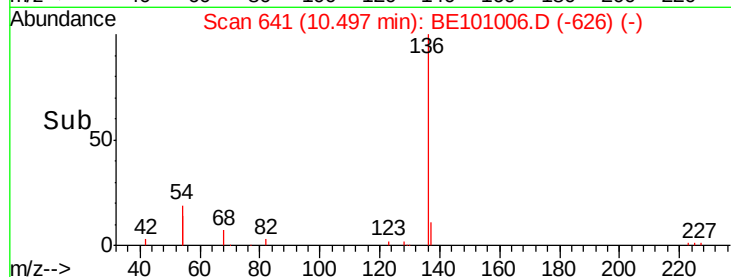


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.581 ng

RT: 8.86 min Scan# 515

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

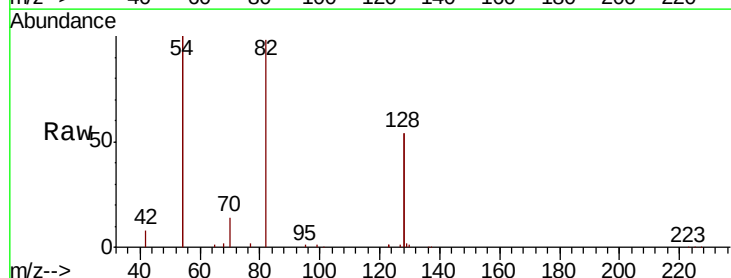
Tgt Ion: 82 Resp: 44260

Ion Ratio Lower Upper

82 100

128 111.1 109.8 164.6

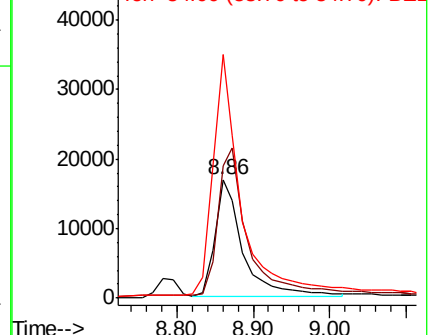
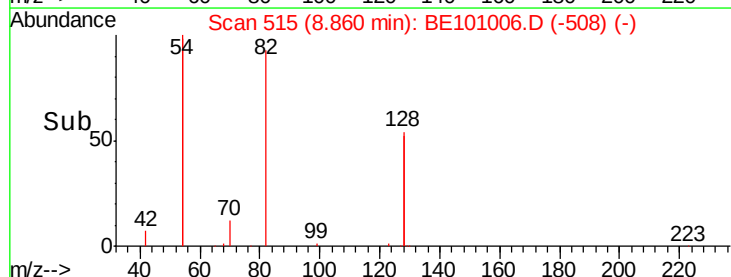
54 205.0 174.5 261.7

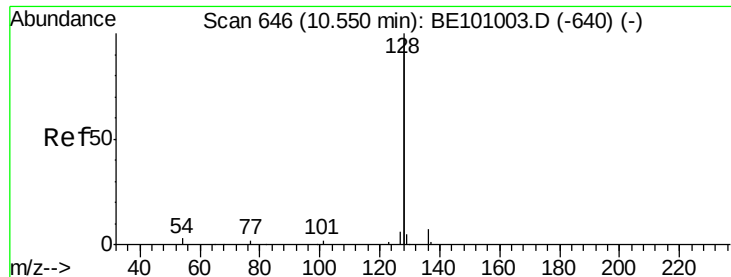


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.515 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

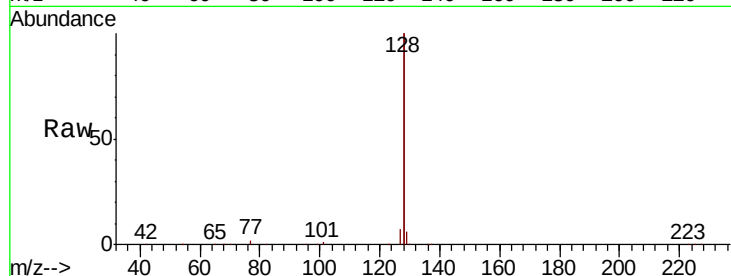
Tot Ion:128 Resp: 618629

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

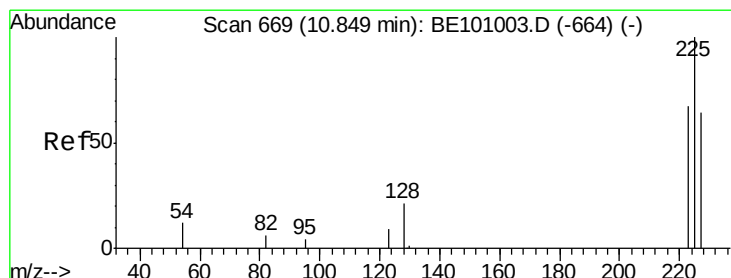
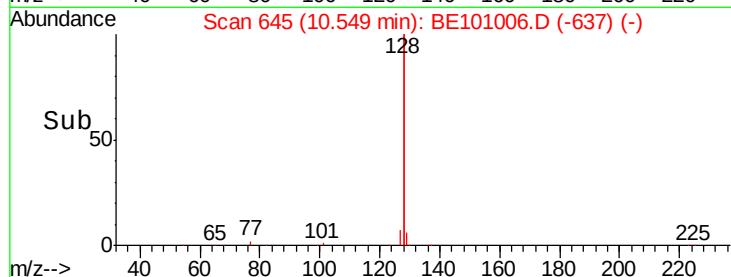
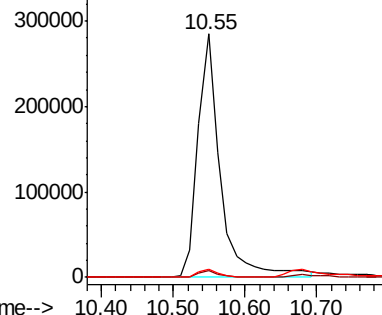
127 3.3 2.7 4.1



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: 3.160 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

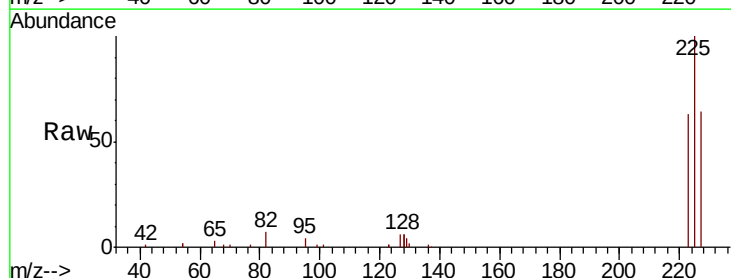
Tgt Ion:225 Resp: 24577

Ion Ratio Lower Upper

225 100

223 62.8 52.2 78.4

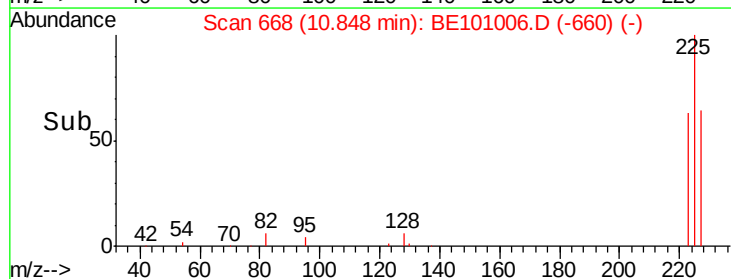
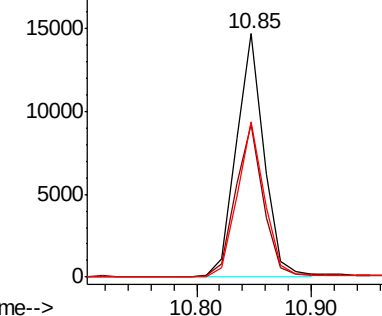
227 62.7 49.9 74.9

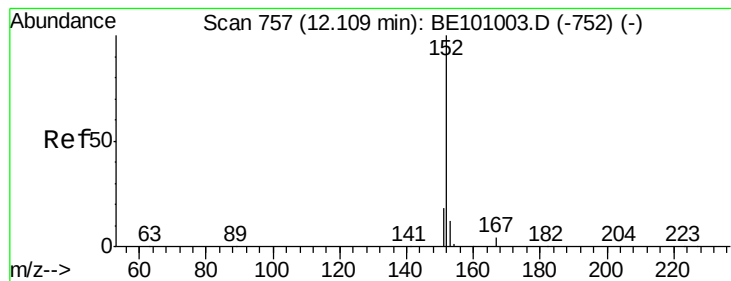


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 4.267 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

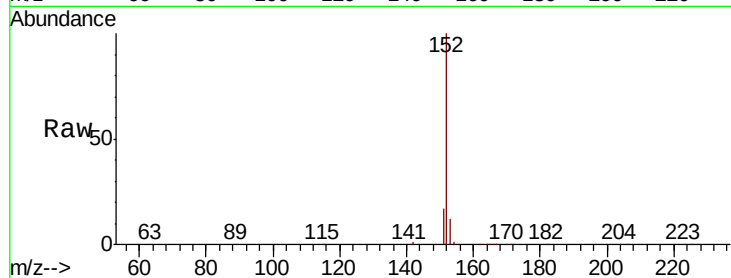
ClientSampleId :

Tot Ion:152 Resp: 103758

Ion Ratio Lower Upper

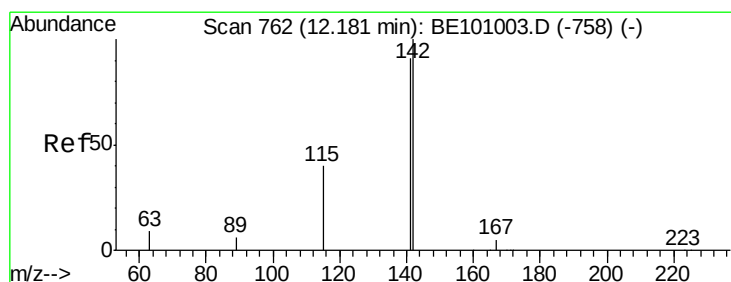
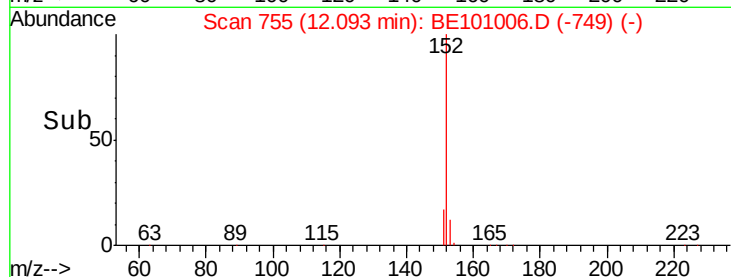
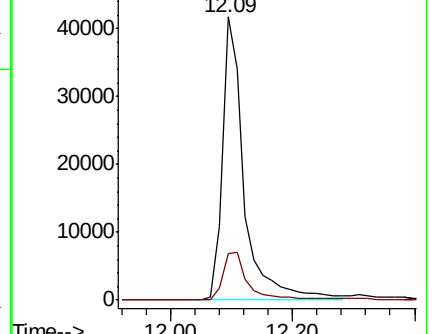
152 100

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: 3.656 ng

RT: 12.17 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

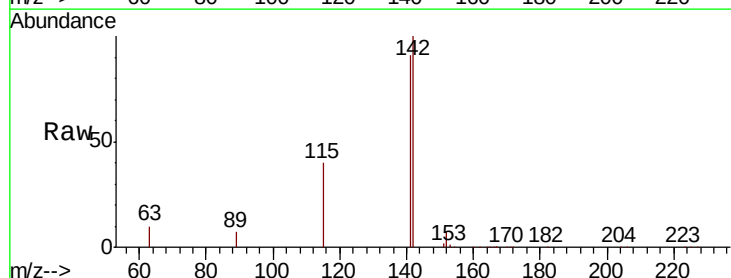
Tgt Ion:142 Resp: 97500

Ion Ratio Lower Upper

142 100

141 91.3 72.5 108.7

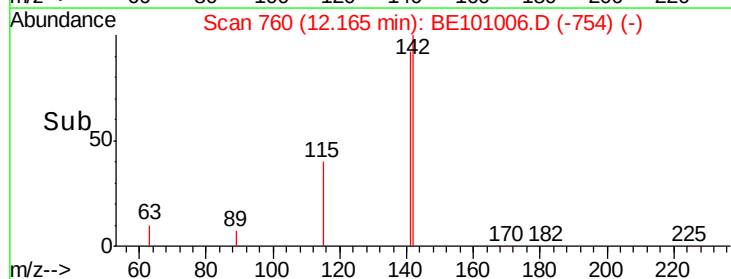
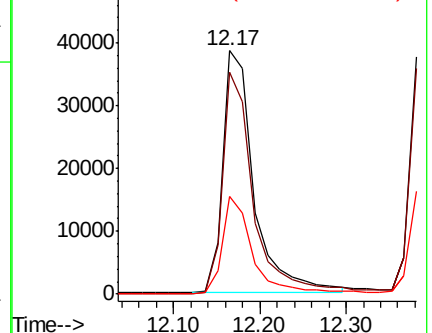
115 40.4 33.0 49.6

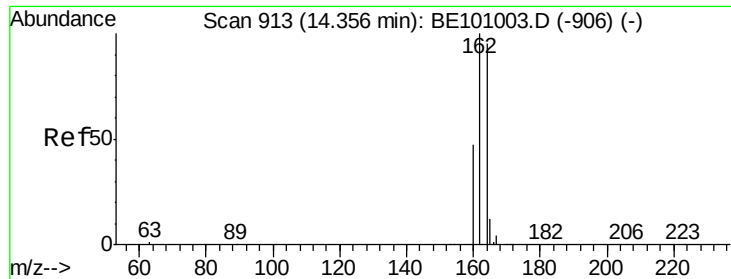


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

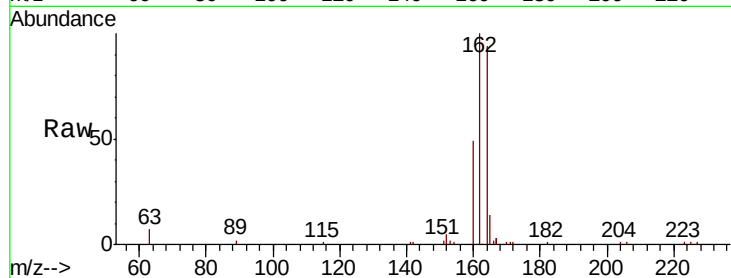




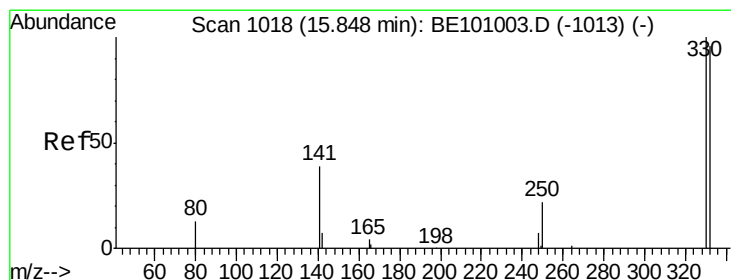
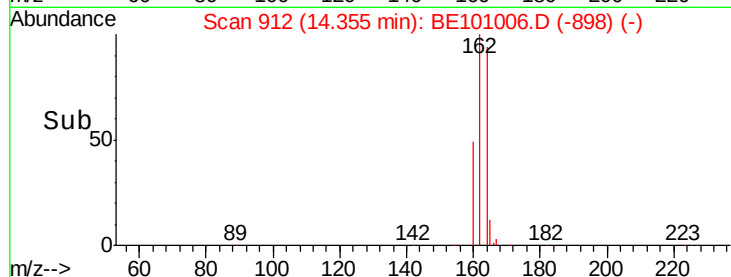
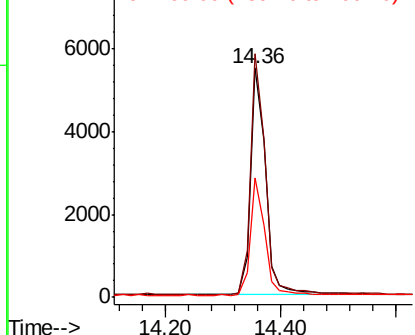
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 9965
 Ion Ratio Lower Upper
 164 100
 162 106.2 84.1 126.1
 160 52.3 40.4 60.6

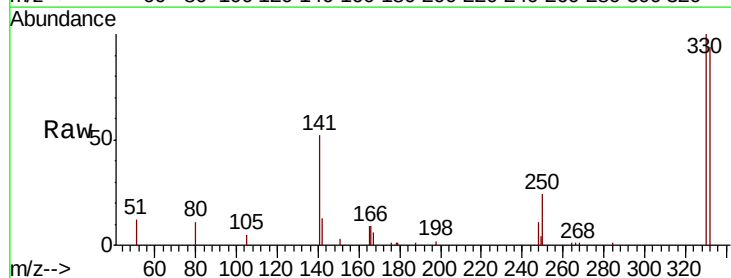


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

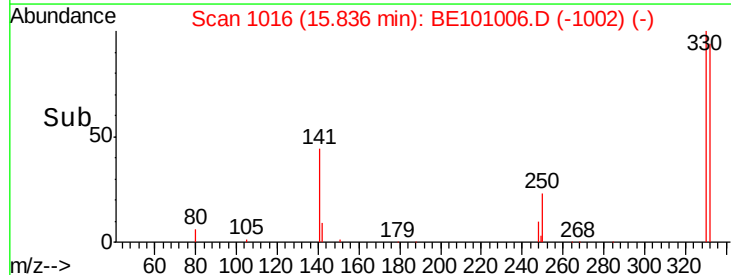
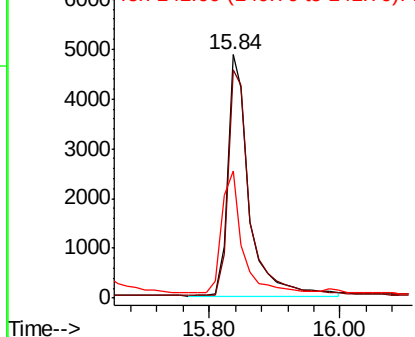


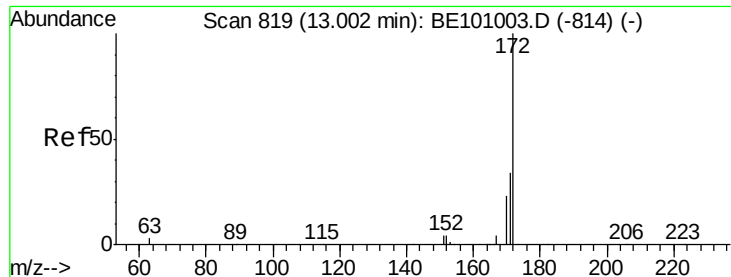
#14
 2,4,6-Tribromophenol
 Concen: 5.057 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Tgt Ion:330 Resp: 11067
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.4 117.6
 141 48.8 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

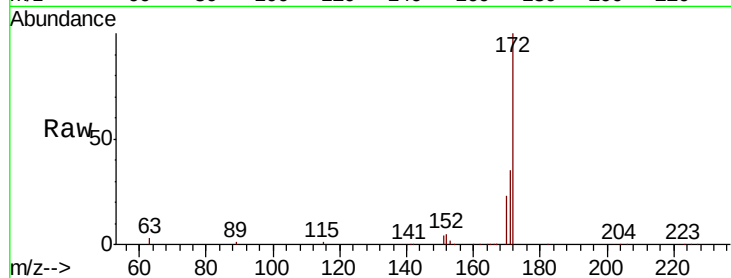




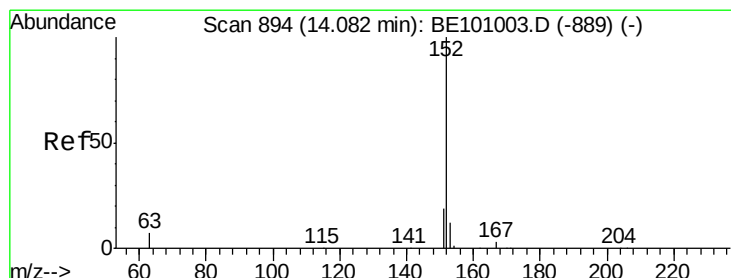
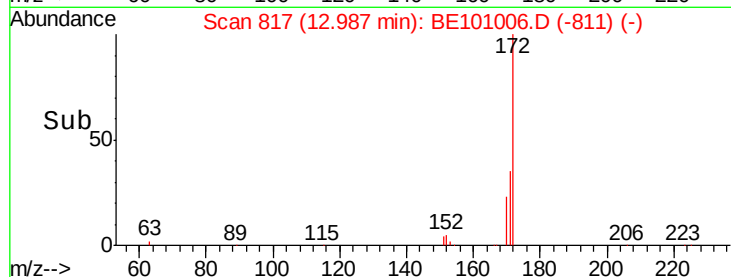
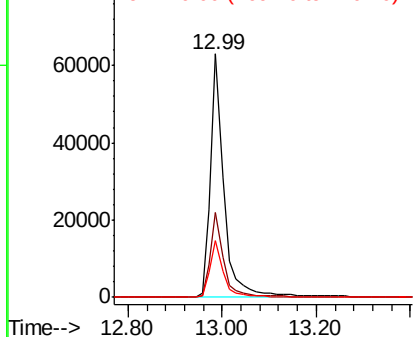
#15
2-Fluorobiphenyl
Concen: 3.527 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 124915
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.1 18.9 28.3

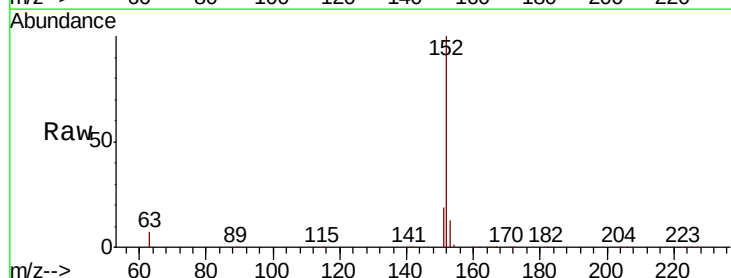


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

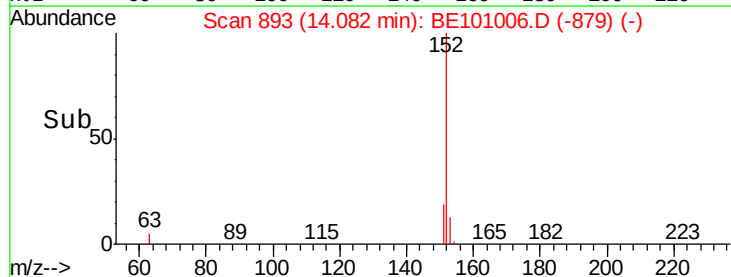
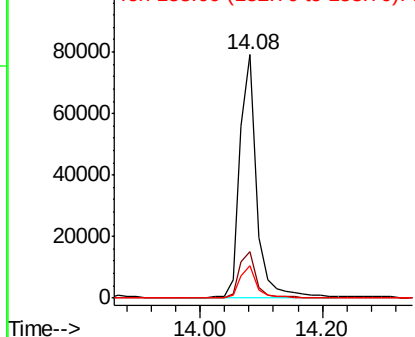


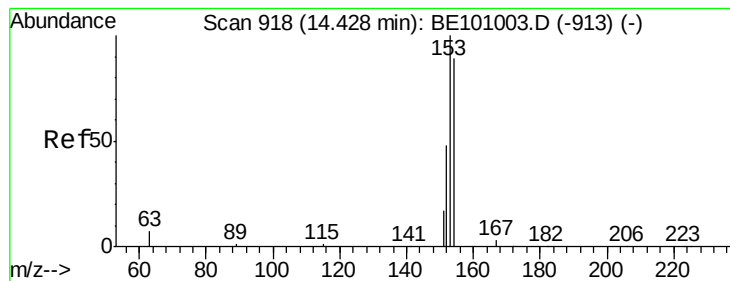
#16
Acenaphthylene
Concen: 4.115 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:152 Resp: 153269
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.2 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: 3.729 ng

RT: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

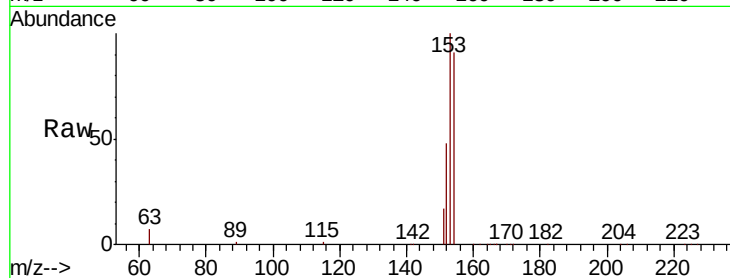
Tot Ion:154 Resp: 100904

Ion Ratio Lower Upper

154 100

153 112.0 93.6 140.4

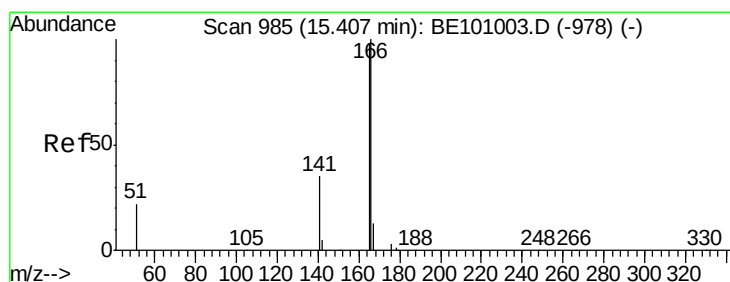
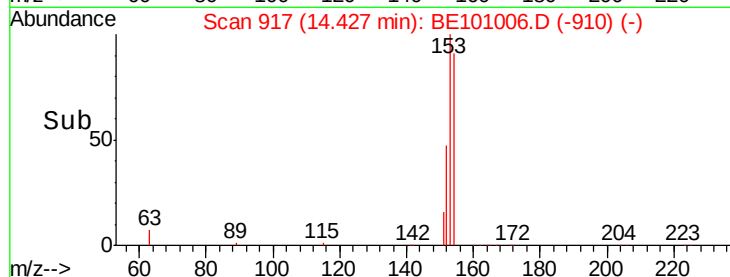
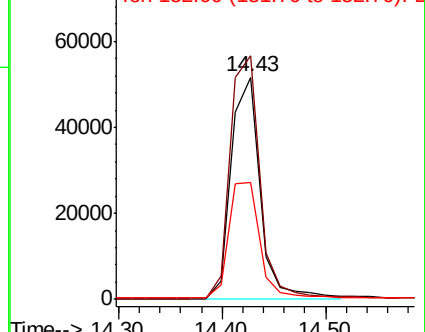
152 55.5 46.3 69.5



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: 3.829 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

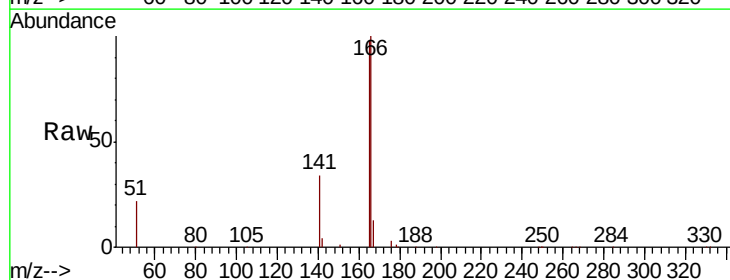
Tgt Ion:166 Resp: 129125

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

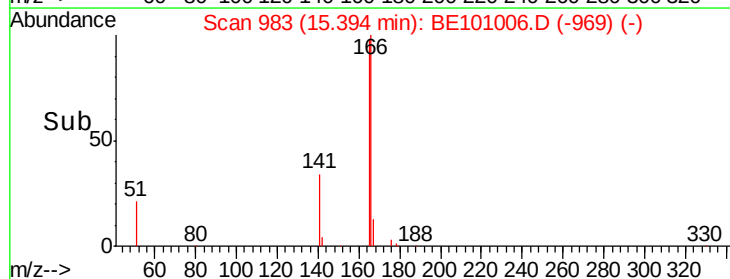
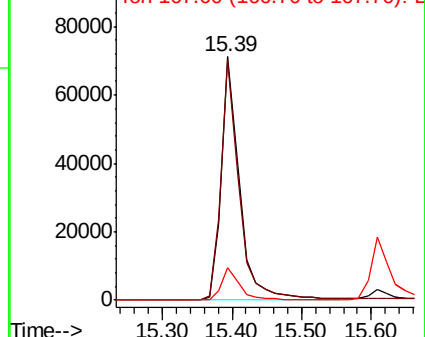
167 13.3 11.0 16.6

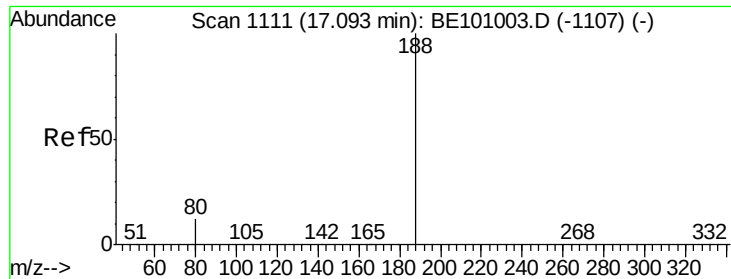


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

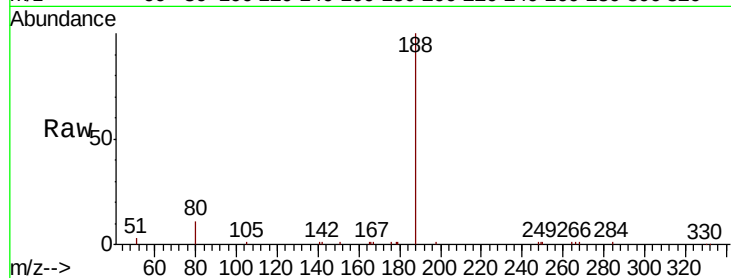
Tot Ion:188 Resp: 21230

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

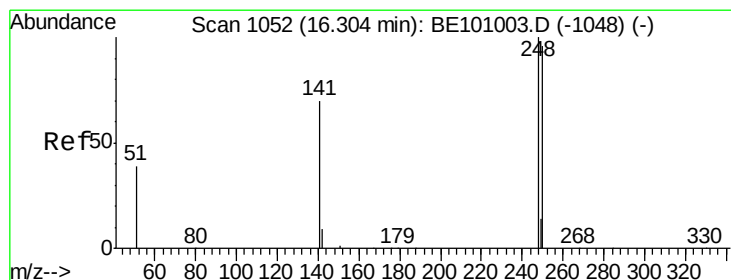
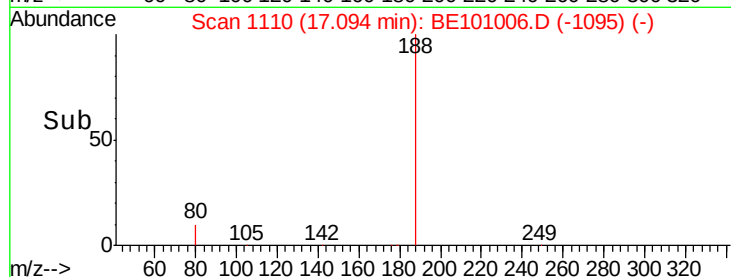
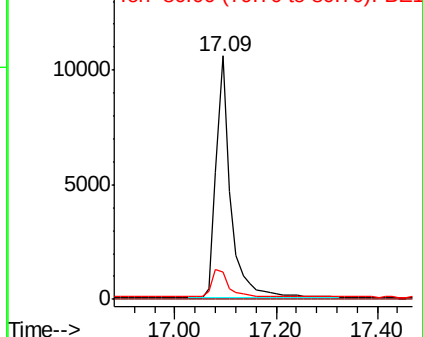
80 11.4 10.8 16.2



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: 4.068 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

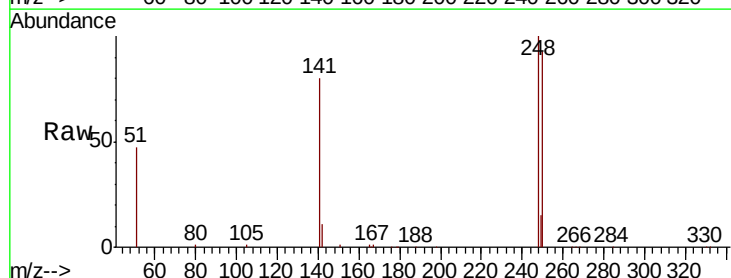
Tgt Ion:248 Resp: 37921

Ion Ratio Lower Upper

248 100

250 93.1 76.6 115.0

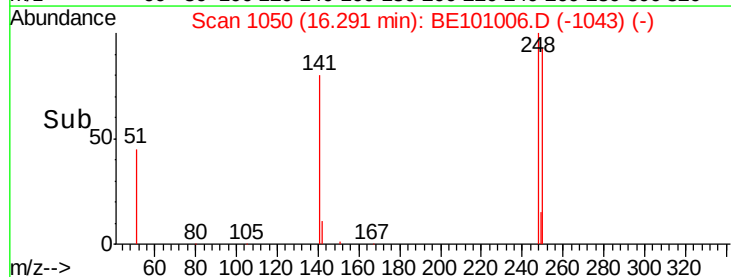
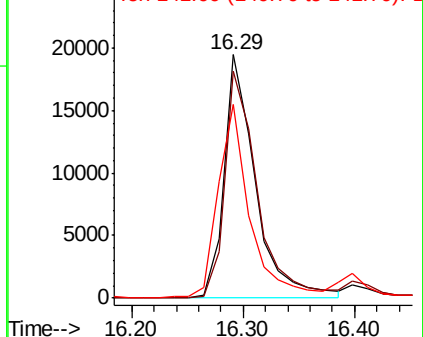
141 79.8 57.7 86.5

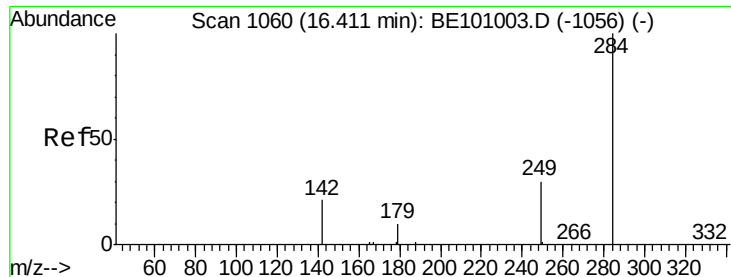


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

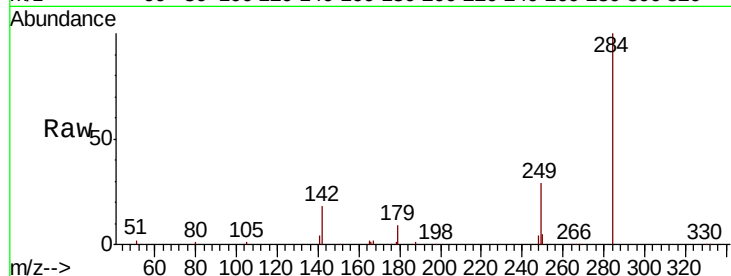




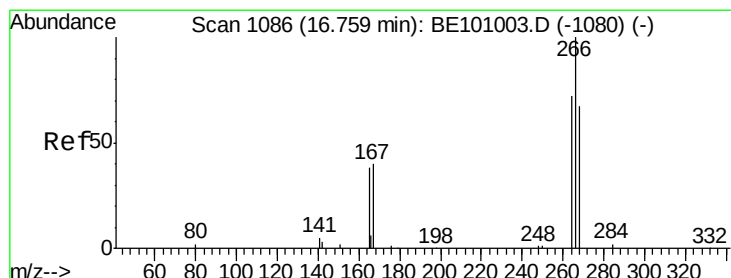
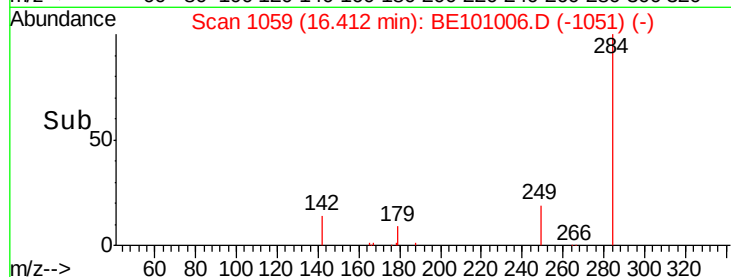
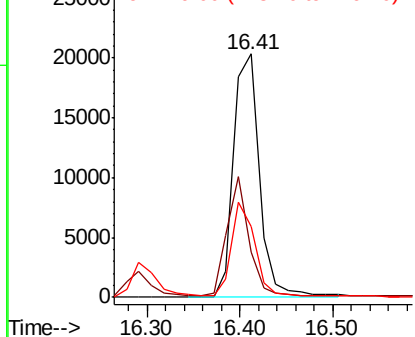
#21
Hexachlorobenzene
Concen: 3.524 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 38795
Ion Ratio Lower Upper
284 100
142 41.3 34.0 51.0
249 34.9 28.2 42.4

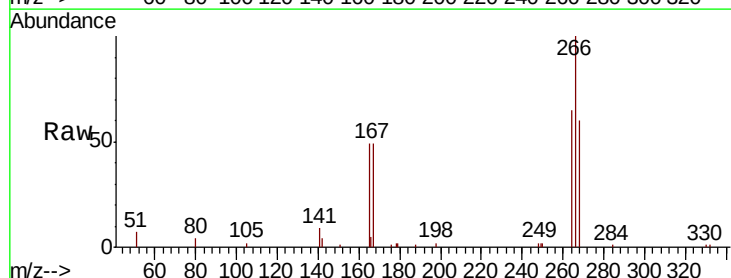


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

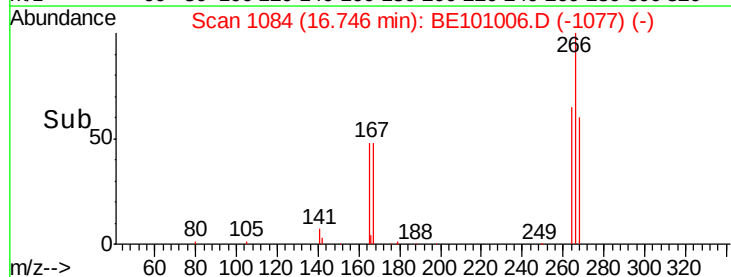
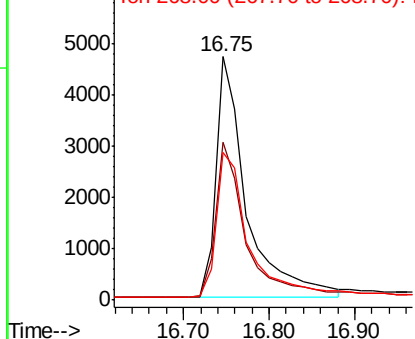


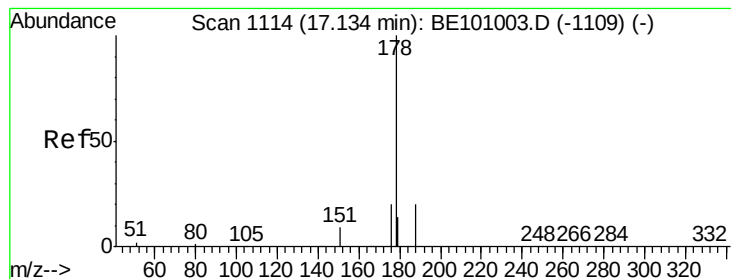
#22
Pentachlorophenol
Concen: 7.055 ng
RT: 16.75 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:266 Resp: 11600
Ion Ratio Lower Upper
266 100
264 65.0 61.0 91.4
268 60.4 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: 3.690 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampled :

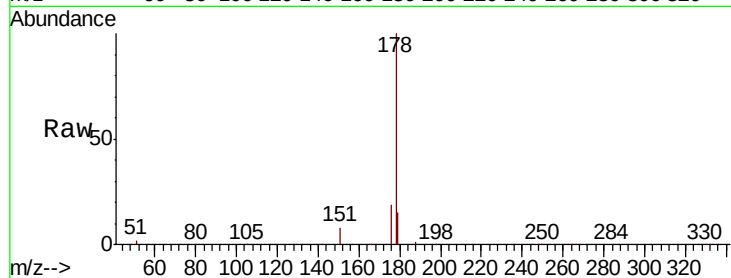
Tot Ion:178 Resp: 201934

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

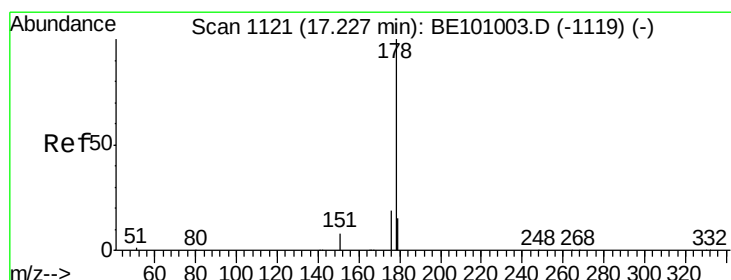
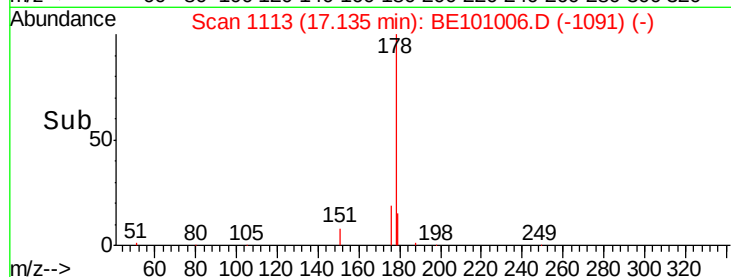
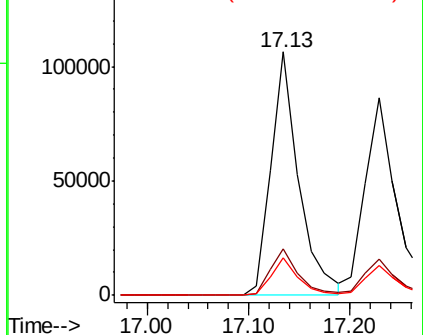
179 15.3 12.0 18.0



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: 3.640 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

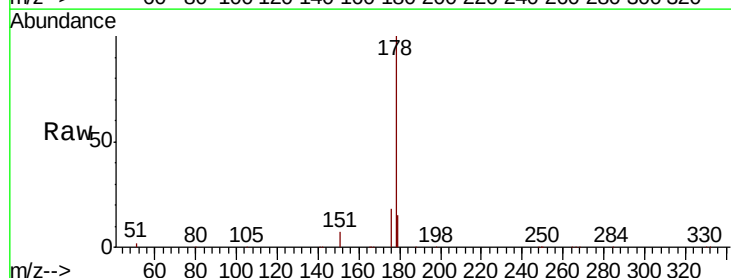
Tgt Ion:178 Resp: 201405

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

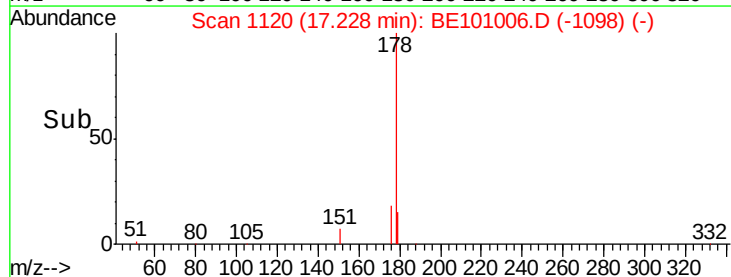
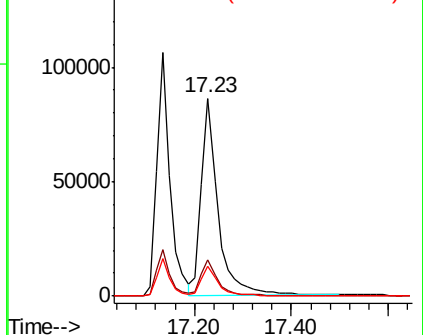
179 15.4 12.4 18.6

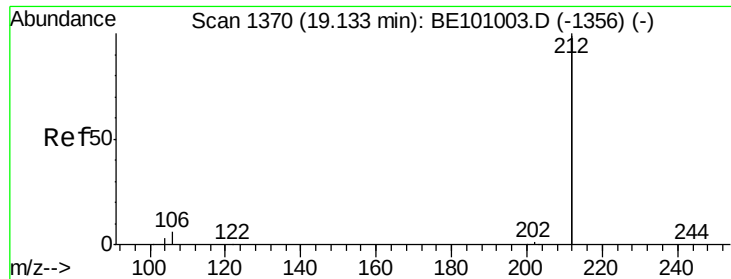


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 4.047 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

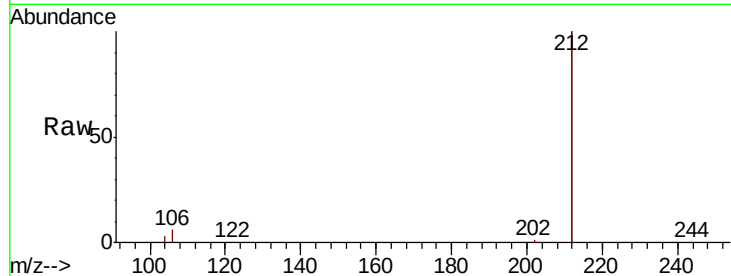
Tot Ion:212 Resp: 1042575

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

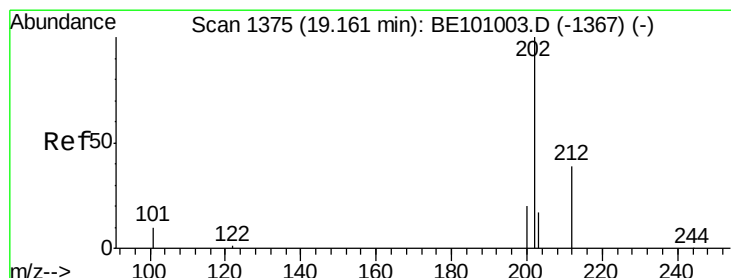
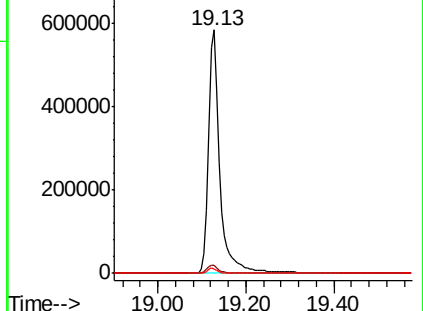
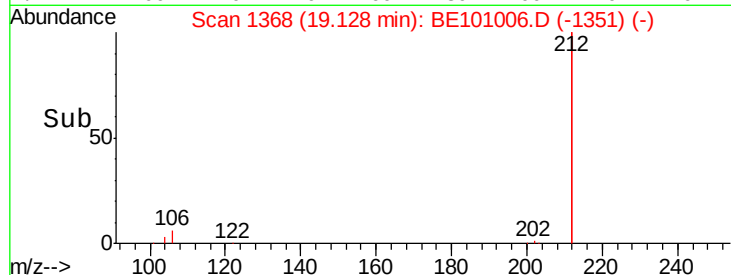
104 1.9 1.4 2.0



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: 3.513 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

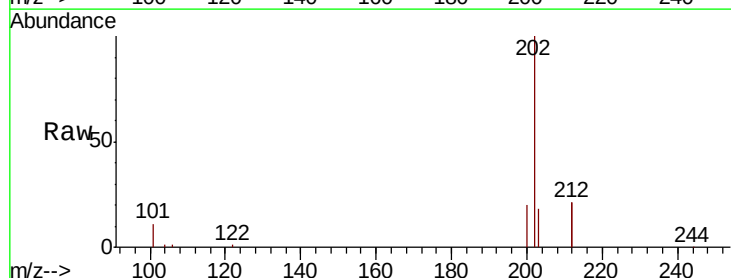
Tgt Ion:202 Resp: 262186

Ion Ratio Lower Upper

202 100

101 12.2 9.6 14.4

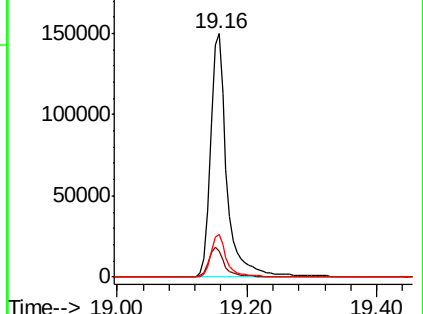
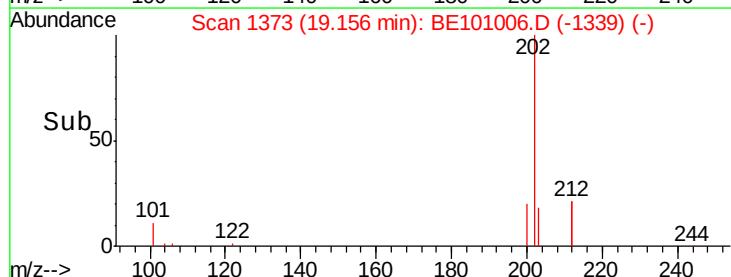
203 17.1 13.8 20.6

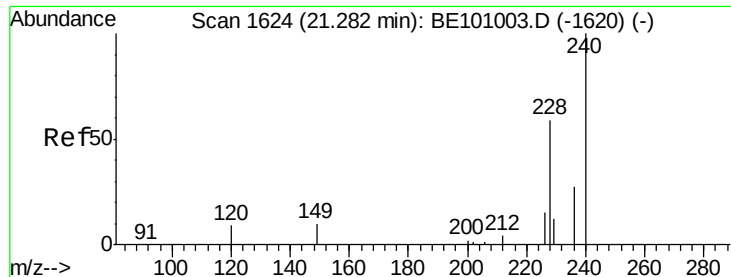


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

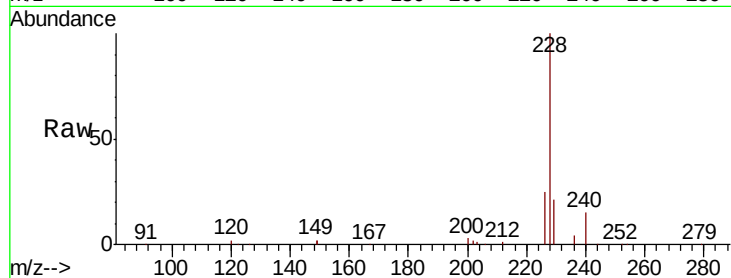
Tot Ion:240 Resp: 20877

Ion Ratio Lower Upper

240 100

120 14.0 8.6 13.0#

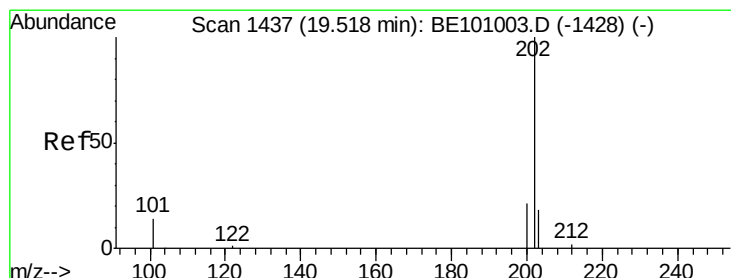
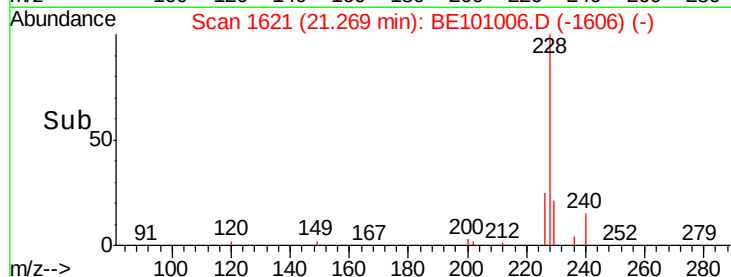
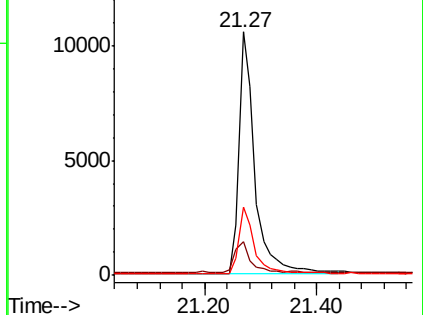
236 28.1 22.2 33.4



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: 3.517 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

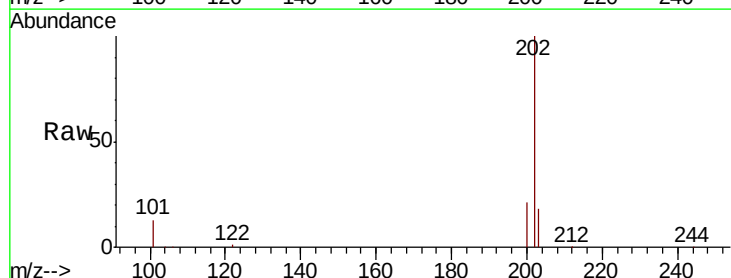
Tgt Ion:202 Resp: 256880

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

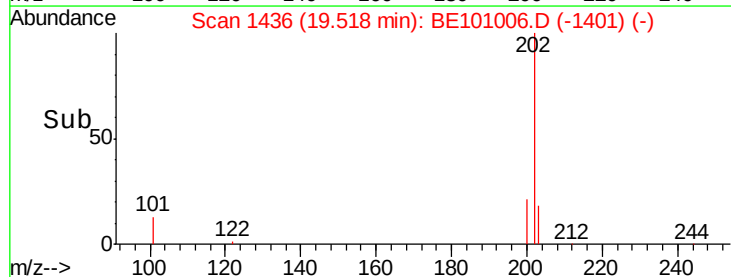
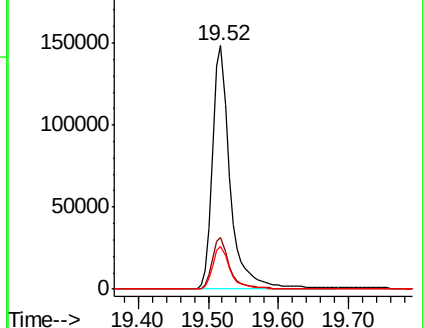
203 17.5 13.8 20.6

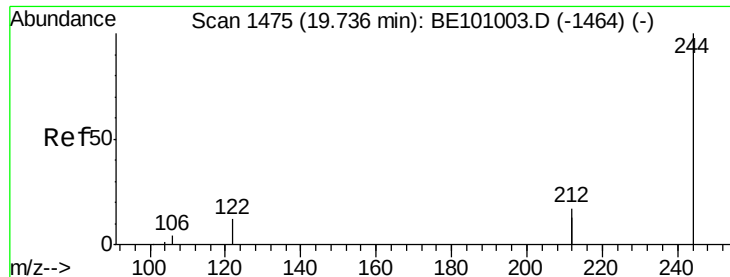


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.608 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

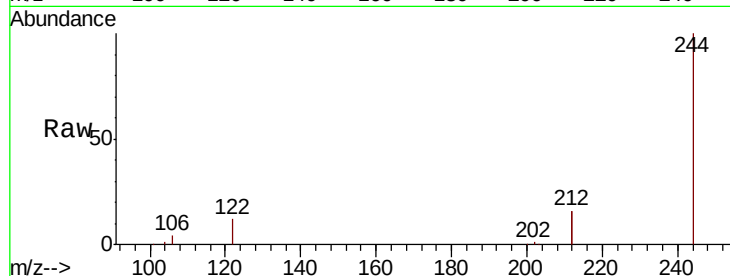
Tot Ion:244 Resp: 173143

Ion Ratio Lower Upper

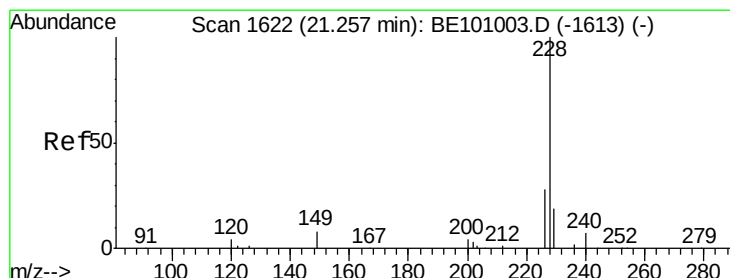
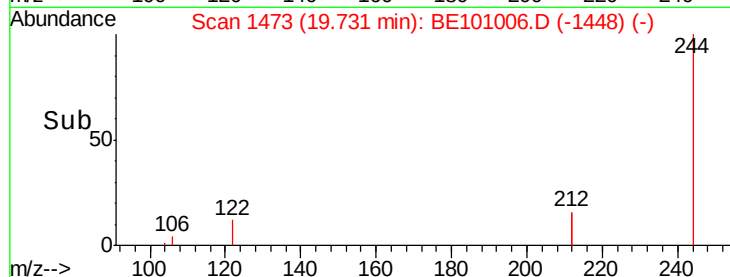
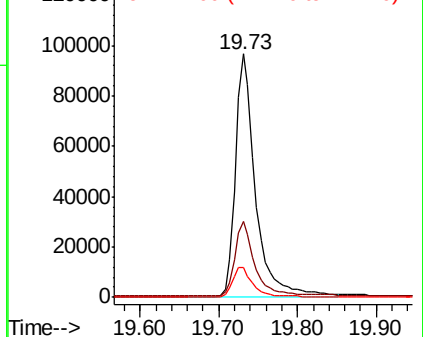
244 100

212 31.3 27.2 40.8

122 12.3 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: 4.188 ng

RT: 21.26 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

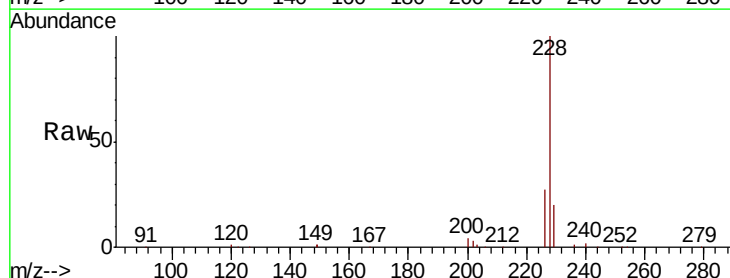
Tgt Ion:228 Resp: 213991

Ion Ratio Lower Upper

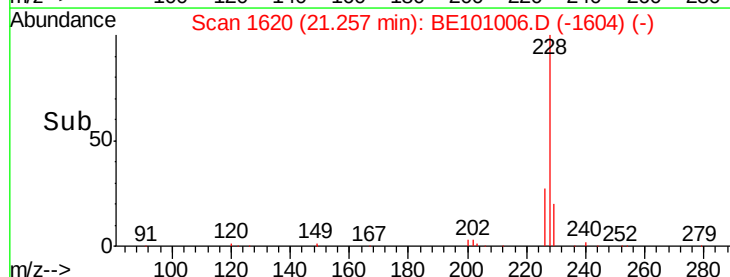
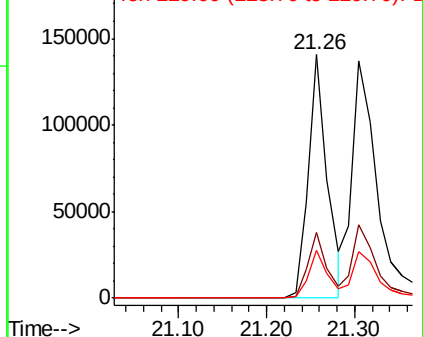
228 100

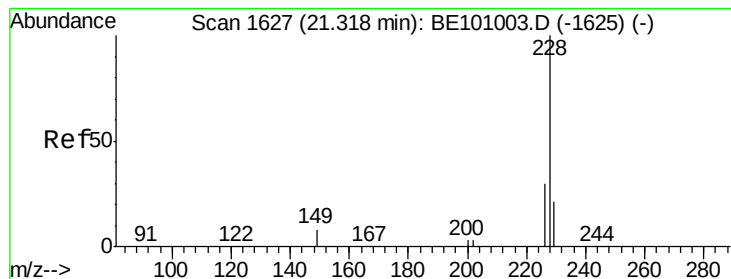
226 27.0 22.7 34.1

229 19.7 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: 2.994 ng

RT: 21.31 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

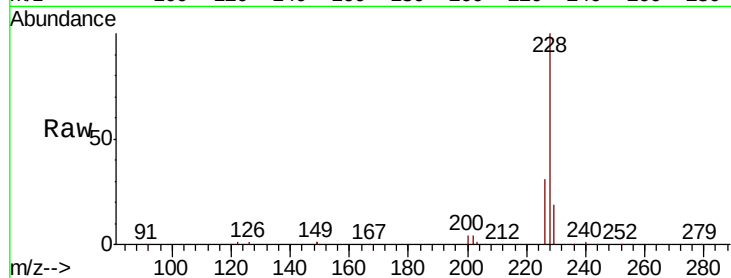
Tot Ion:228 Resp: 284811

Ion Ratio Lower Upper

228 100

226 30.8 23.5 35.3

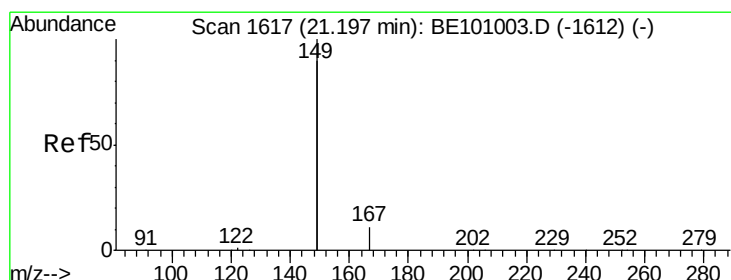
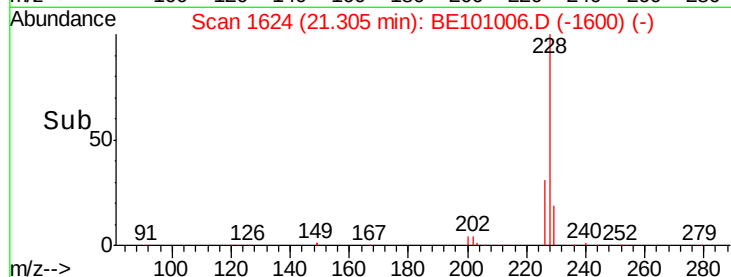
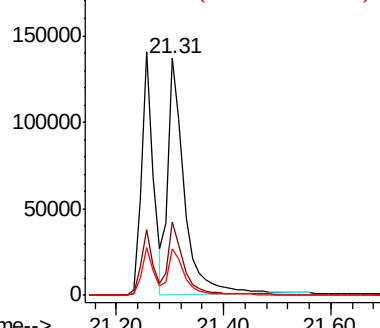
229 19.4 16.7 25.1



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: 3.308 ng

RT: 21.20 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

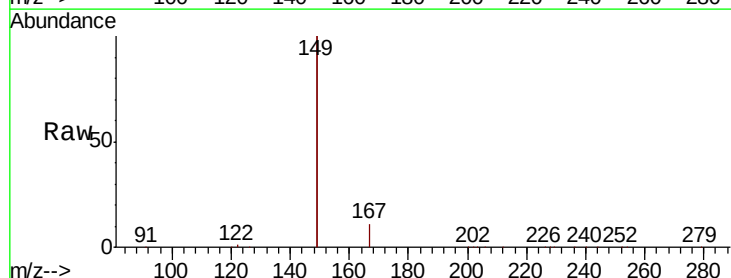
Tgt Ion:149 Resp: 371832

Ion Ratio Lower Upper

149 100

167 6.3 5.2 7.8

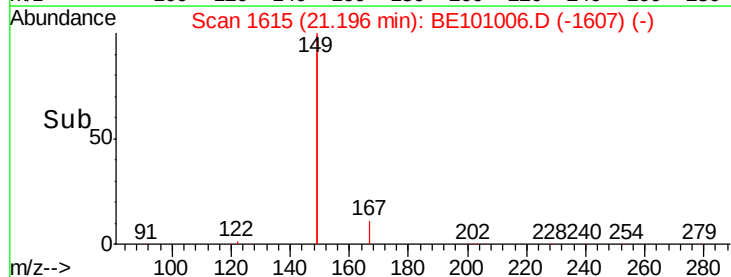
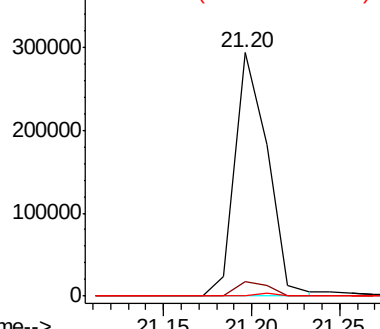
279 0.8 0.8 1.2

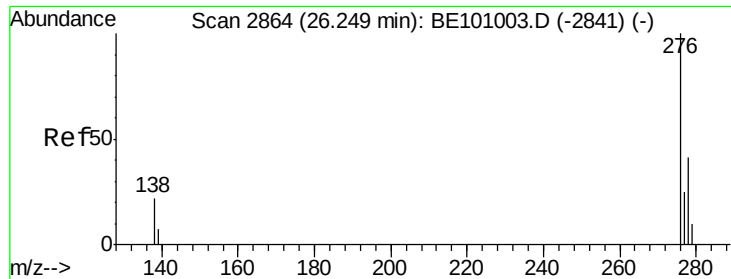


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

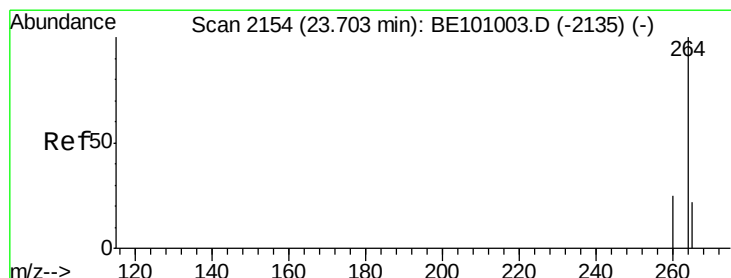
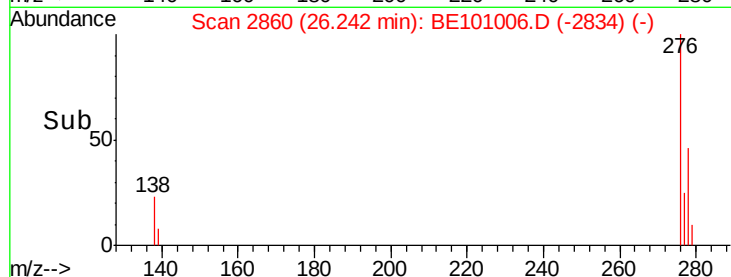
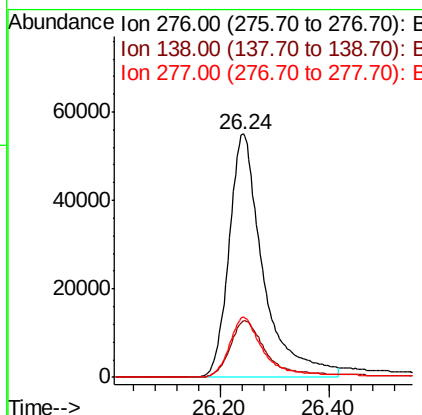
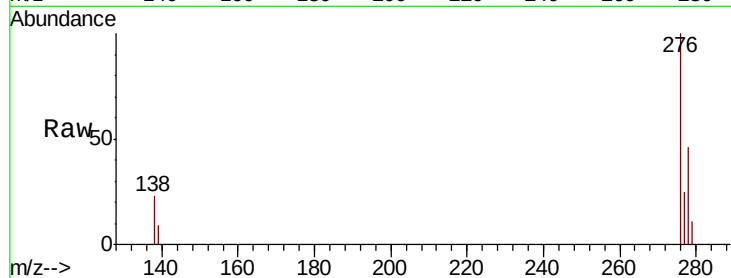




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.357 ng
 RT: 26.24 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

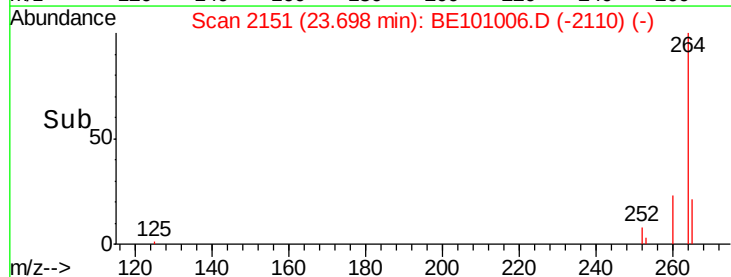
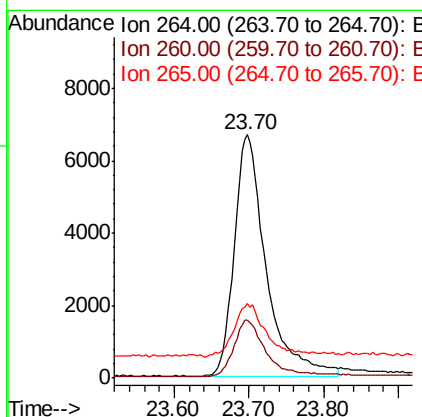
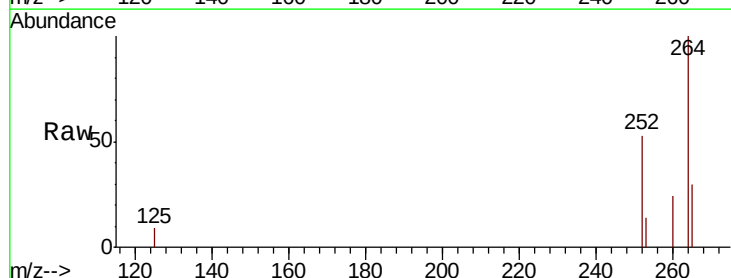
Instrument :
 BNA_E
 ClientSampleId :

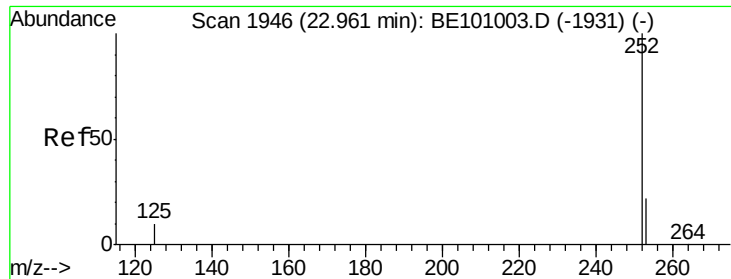
Tot Ion:276 Resp: 240461
 Ion Ratio Lower Upper
 276 100
 138 24.1 16.1 24.1#
 277 24.9 18.1 27.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BE101006.D
 Acq: 8 Jan 2020 16:29

Tgt Ion:264 Resp: 19707
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.3 30.5
 265 30.4 27.0 40.4

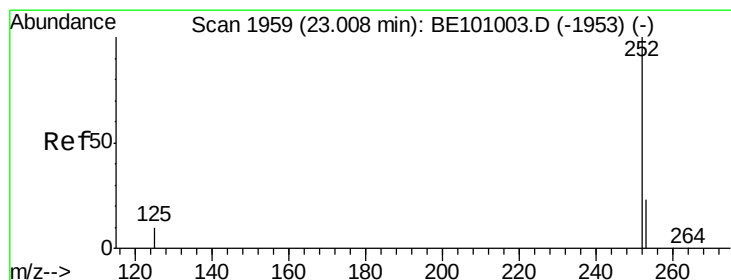
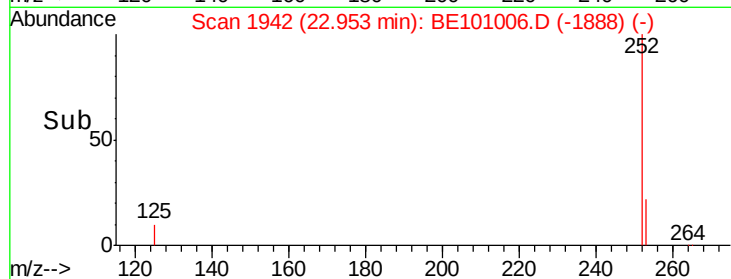
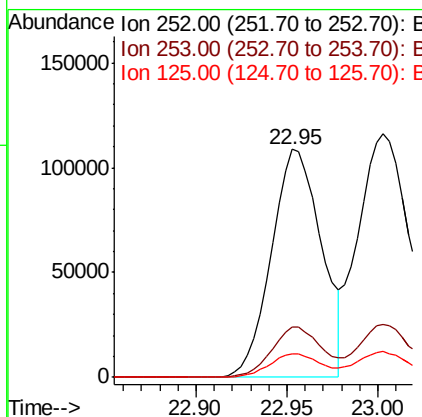
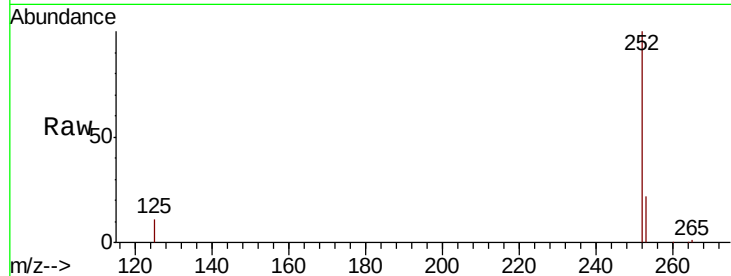




#35
Benzo(b)fluoranthene
Concen: 4.995 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

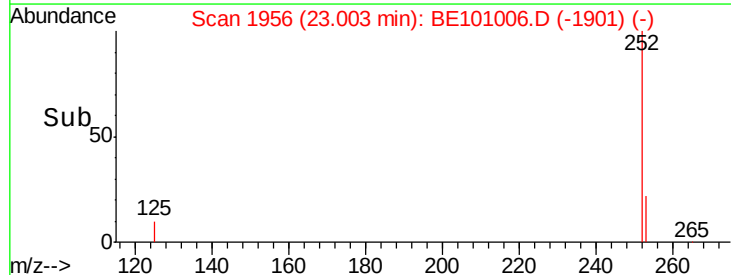
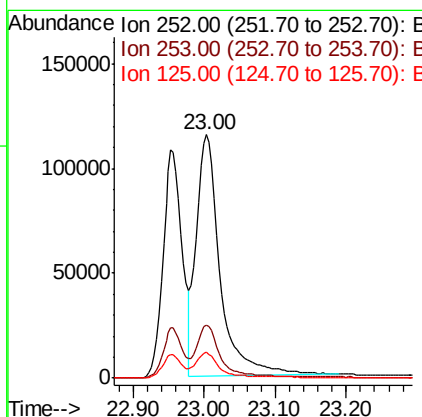
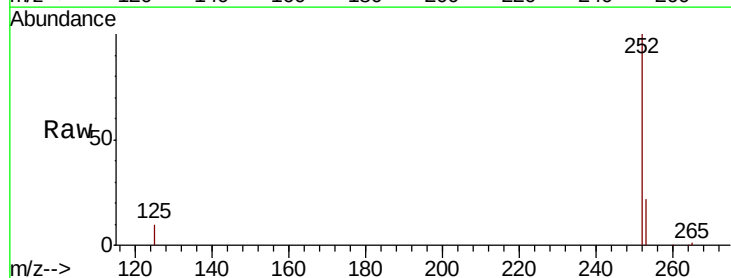
Instrument :
BNA_E
ClientSampleId :

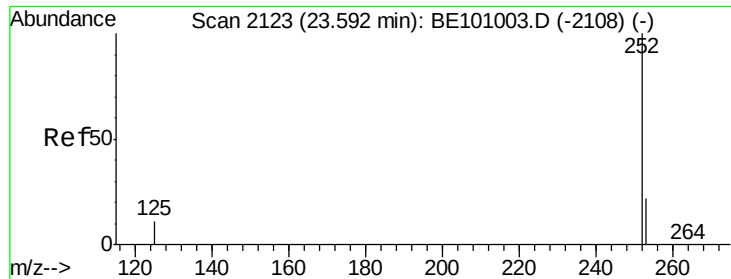
Tot Ion:252 Resp: 207249
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 10.5 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 3.422 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BE101006.D
Acq: 8 Jan 2020 16:29

Tgt Ion:252 Resp: 269126
Ion Ratio Lower Upper
252 100
253 21.8 18.9 28.3
125 10.5 10.1 15.1





#37

Benzo(a)pyrene

Concen: 4.072 ng

RT: 23.59 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :

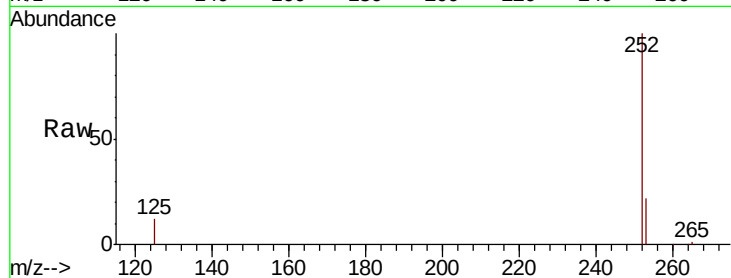
Tot Ion:252 Resp: 197220

Ion Ratio Lower Upper

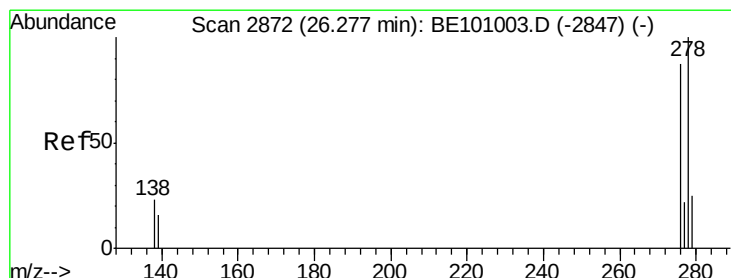
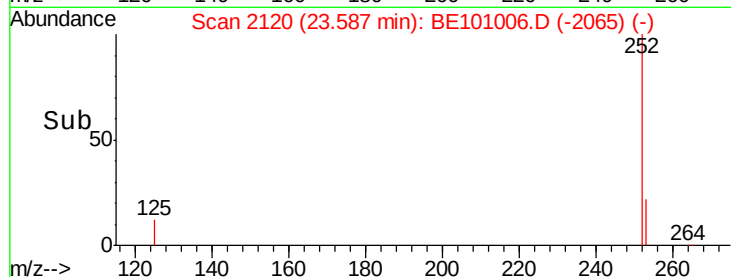
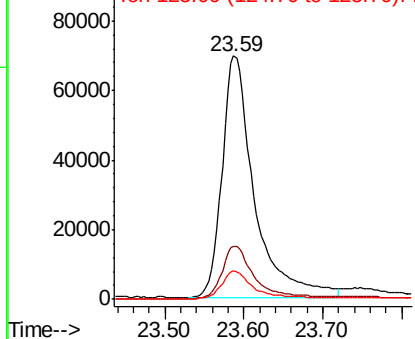
252 100

253 21.8 19.4 29.2

125 11.7 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: 4.408 ng

RT: 26.27 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

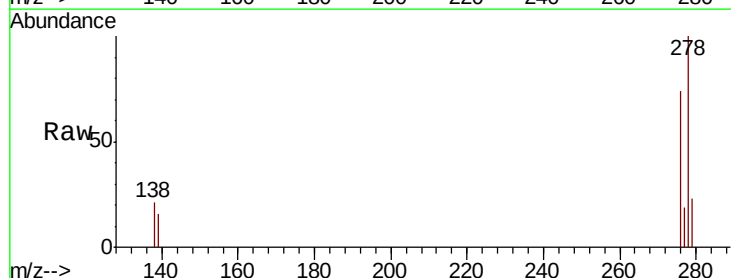
Tgt Ion:278 Resp: 193464

Ion Ratio Lower Upper

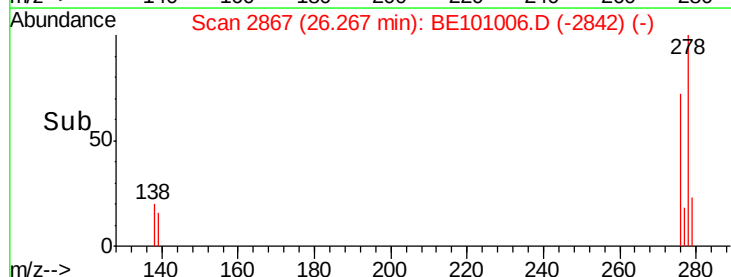
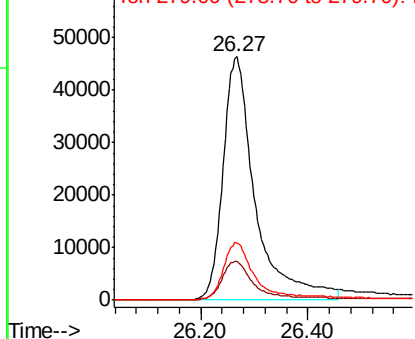
278 100

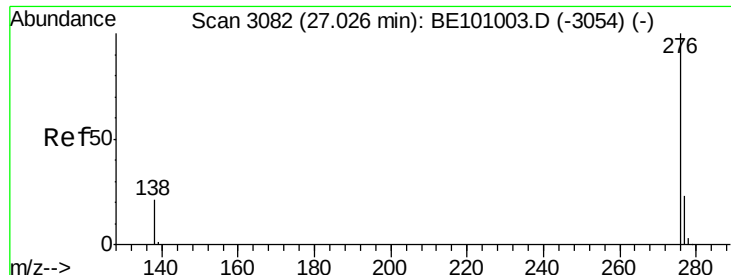
139 15.7 15.0 22.4

279 23.3 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: 4.209 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

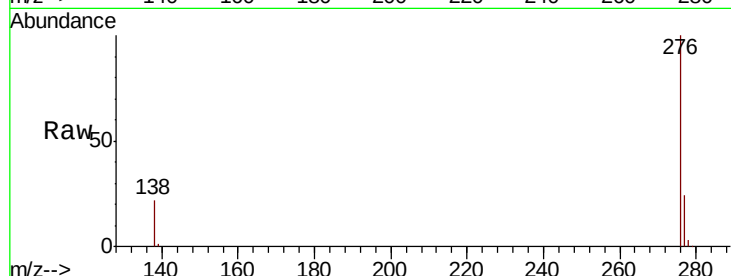
Lab File: BE101006.D

Acq: 8 Jan 2020 16:29

Instrument :

BNA_E

ClientSampleId :



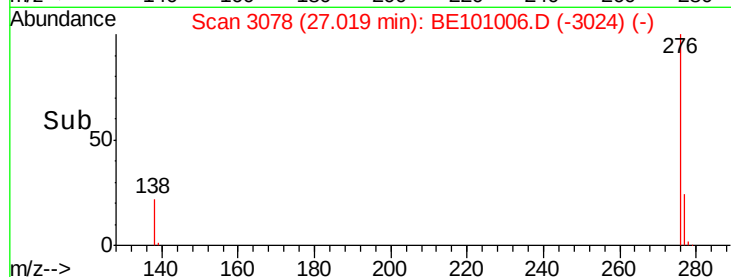
Tot Ion: 276 Resp: 217600

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 21.7 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

