

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010820\
 Data File : BE101008.D
 Acq On : 8 Jan 2020 18:41
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE010820

Quant Time: Jan 09 00:40:00 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	7.72	152	3342	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	14784	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8913	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	20885	0.40	ng	0.00
27) Chrysene-d12	21.28	240	17041	0.40	ng	0.00
34) Perylene-d12	23.70	264	17962	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2956	0.39	ng	0.00
5) Phenol-d6	6.91	99	3716	0.39	ng	-0.01
8) Nitrobenzene-d5	8.87	82	3957	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	11525	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	929	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	13926	0.41	ng	-0.01
25) Fluoranthene-d10	19.13	212	108797	0.38	ng	0.00
29) Terphenyl-d14	19.74	244	17622	0.42	ng	0.00

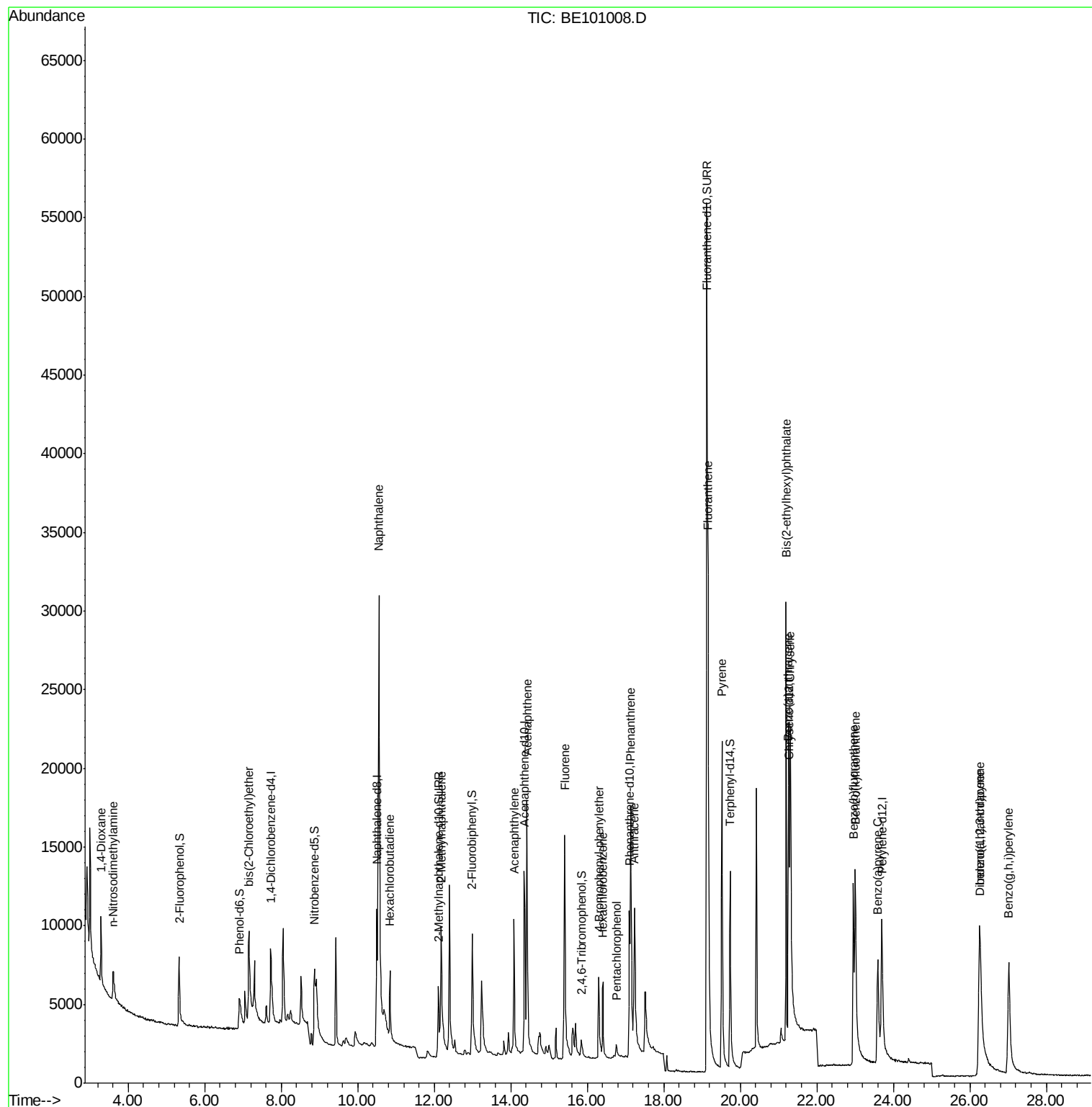
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	3061	0.371	ng	98
3) n-Nitrosodimethylamine	3.60	42	1960	0.422	ng	85
6) bis(2-Chloroethyl)ether	7.16	93	4148	0.366	ng	93
9) Naphthalene	10.55	128	67459	0.411	ng	100
10) Hexachlorobutadiene	10.85	225	2909	0.418	ng	99
12) 2-Methylnaphthalene	12.18	142	10037	0.404	ng	97
16) Acenaphthylene	14.08	152	13425	0.370	ng	100
17) Acenaphthene	14.43	154	10552	0.406	ng	99
18) Fluorene	15.41	166	13403	0.408	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	3958	0.389	ng	96
21) Hexachlorobenzene	16.41	284	4422	0.396	ng	99
22) Pentachlorophenol	16.76	266	927	0.487	ng	95
23) Phenanthrene	17.13	178	22807	0.400	ng	99
24) Anthracene	17.23	178	20705	0.385	ng	100
26) Fluoranthene	19.16	202	26974	0.378	ng	99
28) Pyrene	19.52	202	26880	0.424	ng	100
30) Benzo(a)anthracene	21.26	228	16889	0.347	ng	98
31) Chrysene	21.31	228	31526	0.436	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	28997	0.358	ng	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	22288	0.390	ng	# 85
35) Benzo(b)fluoranthene	22.96	252	18744	0.372	ng	99
36) Benzo(k)fluoranthene	23.01	252	26819	0.367	ng	99
37) Benzo(a)pyrene	23.59	252	18244	0.374	ng	99
38) Dibenzo(a,h)anthracene	26.28	278	16936	0.378	ng	98
39) Benzo(g,h,i)perylene	27.02	276	20934	0.380	ng	99

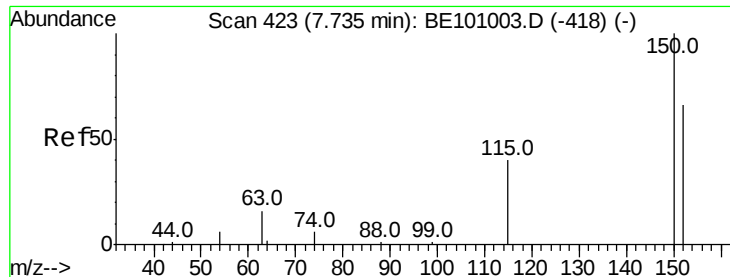
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 08 18:36:25 2020
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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: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

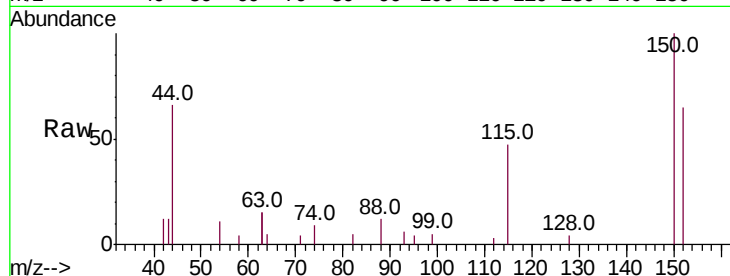
Tot Ion:152 Resp: 3342

Ion Ratio Lower Upper

152 100

150 154.0 120.3 180.5

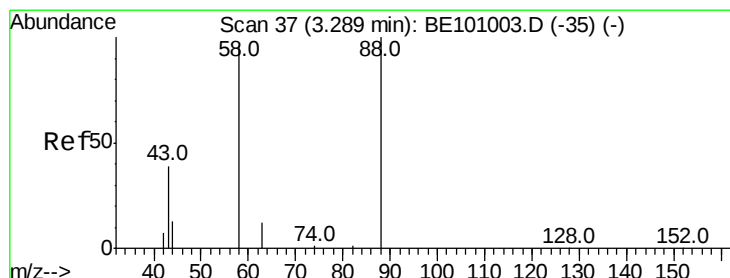
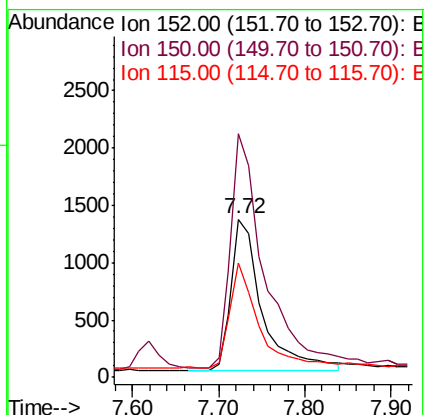
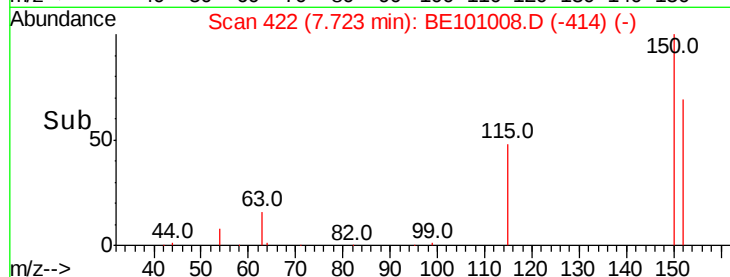
115 72.5 51.7 77.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.371 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

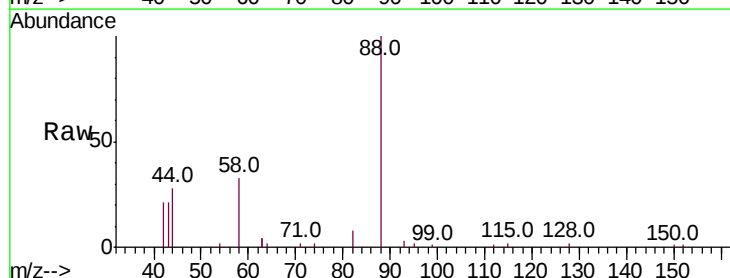
Tgt Ion: 88 Resp: 3061

Ion Ratio Lower Upper

88 100

58 64.5 53.0 79.4

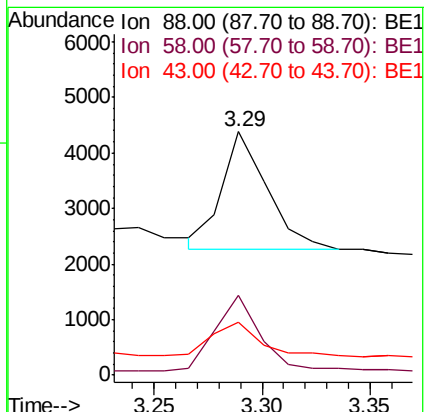
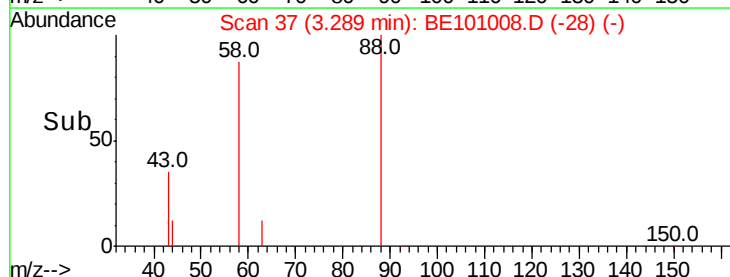
43 29.5 23.4 35.2

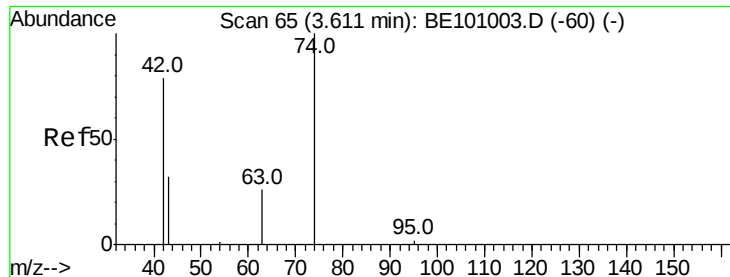


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.422 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

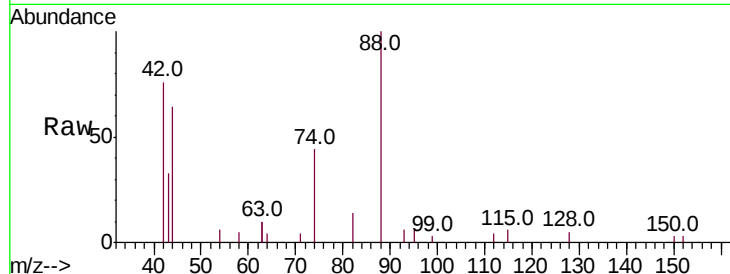
Tot Ion: 42 Resp: 1960

Ion Ratio Lower Upper

42 100

74 113.6 105.7 158.5

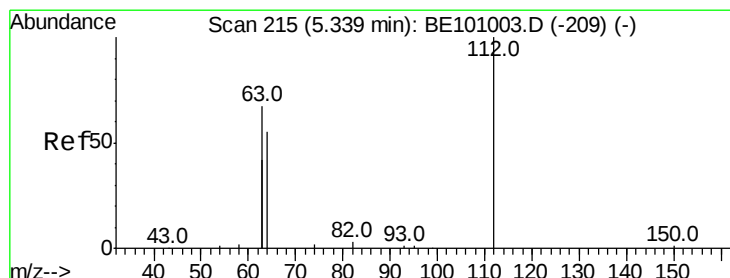
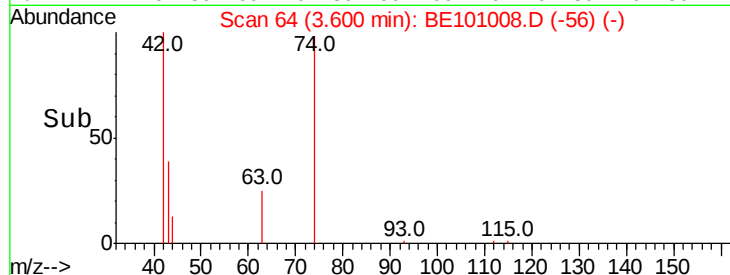
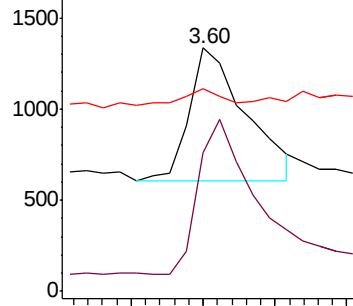
44 14.3 10.0 15.0



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: 0.393 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

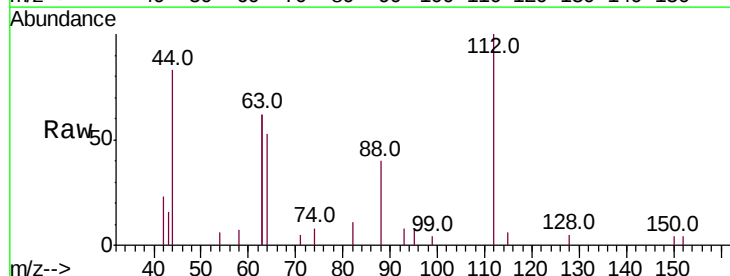
Tgt Ion: 112 Resp: 2956

Ion Ratio Lower Upper

112 100

64 67.8 53.6 80.4

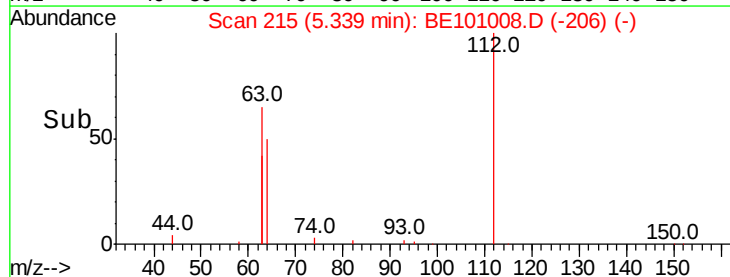
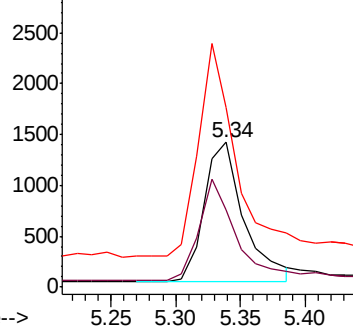
63 143.3 114.6 172.0

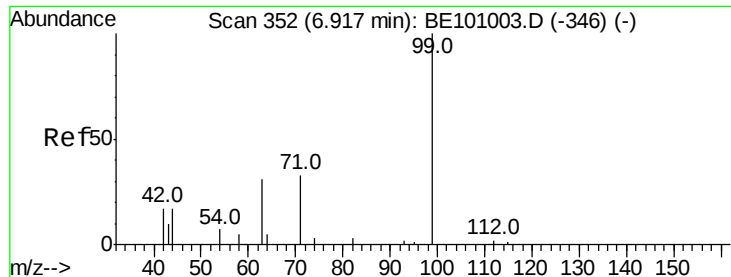


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

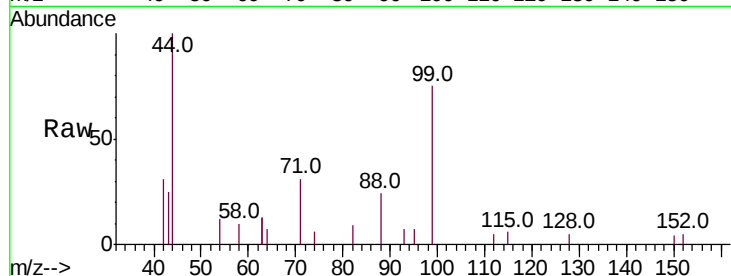
Tot Ion: 99 Resp: 3716

Ion Ratio Lower Upper

99 100

42 18.3 18.3 27.5#

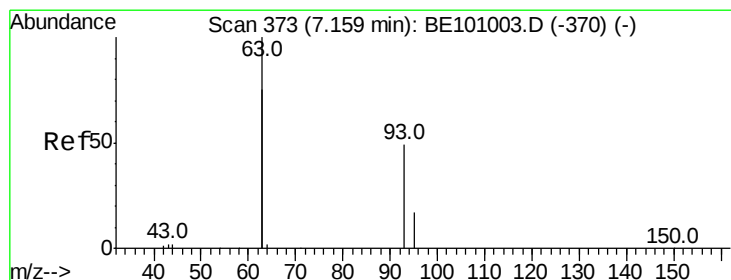
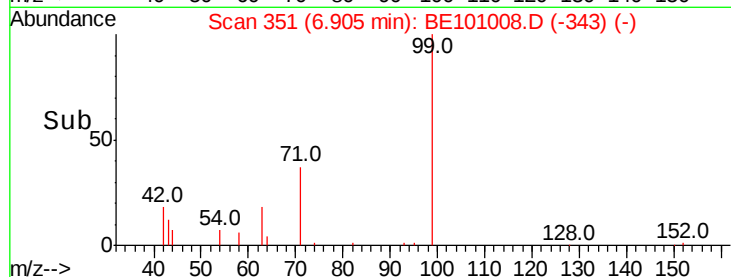
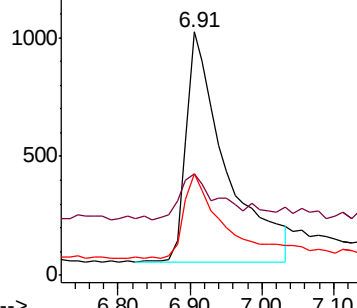
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

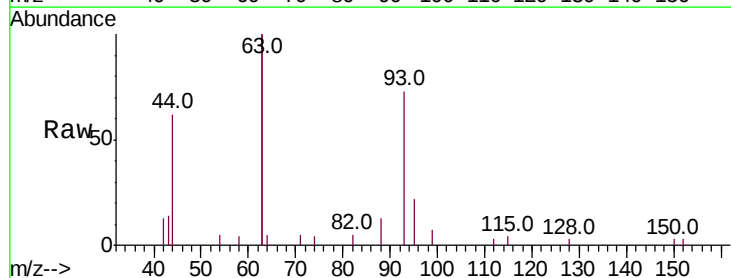
Tgt Ion: 93 Resp: 4148

Ion Ratio Lower Upper

93 100

63 306.2 233.9 350.9

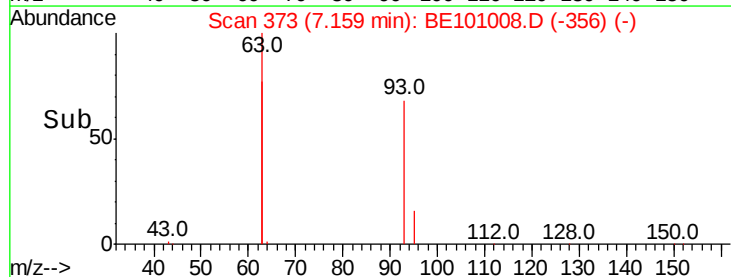
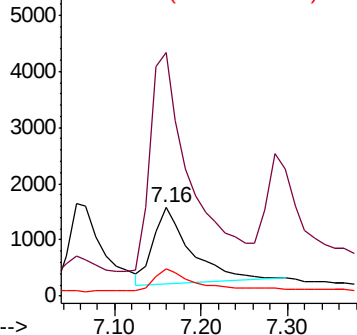
95 29.2 23.5 35.3

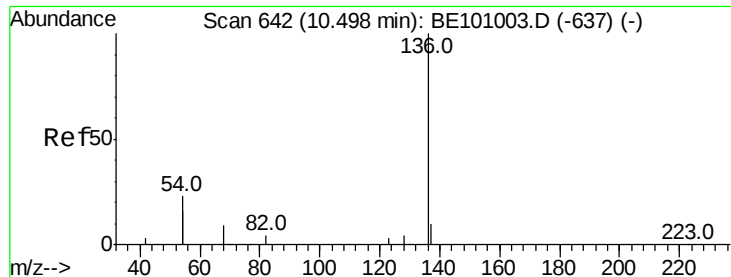


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

Tot Ion:136 Resp: 14784

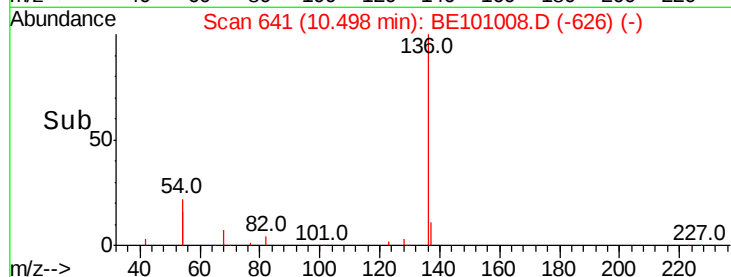
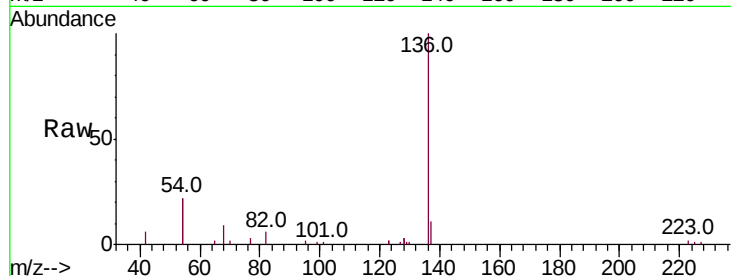
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 43.9 36.8 55.2

68 8.9 8.4 12.6

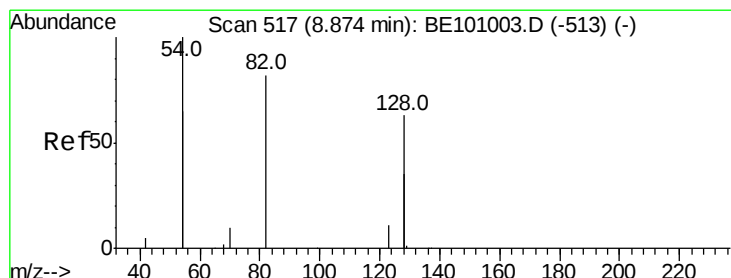
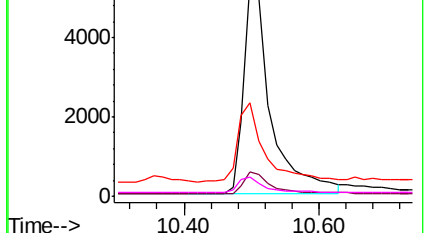


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

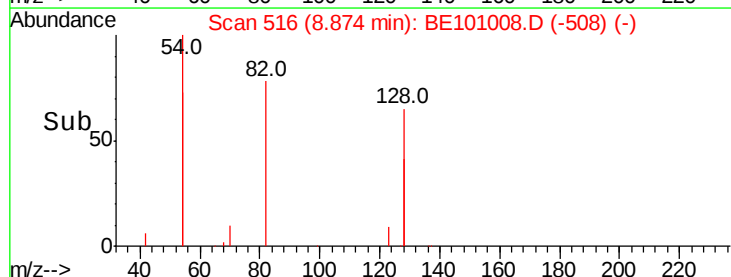
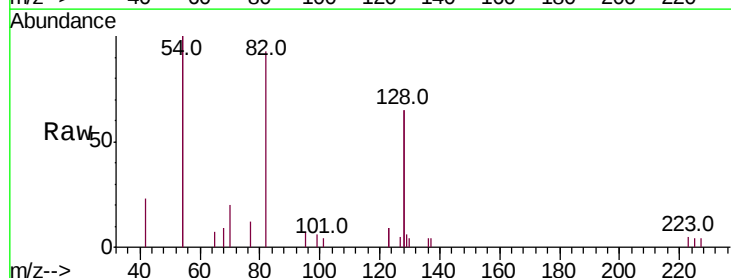
Tgt Ion: 82 Resp: 3957

Ion Ratio Lower Upper

82 100

128 138.8 109.8 164.6

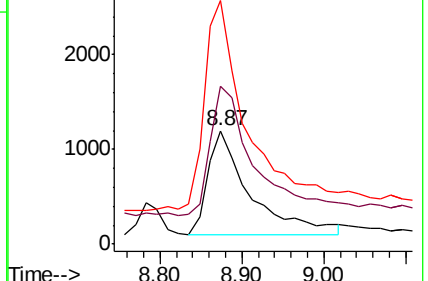
54 214.7 174.5 261.7

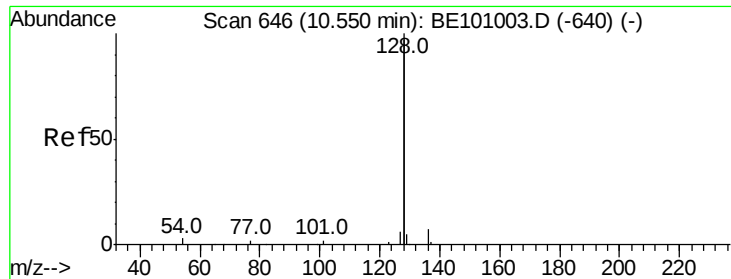


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.411 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

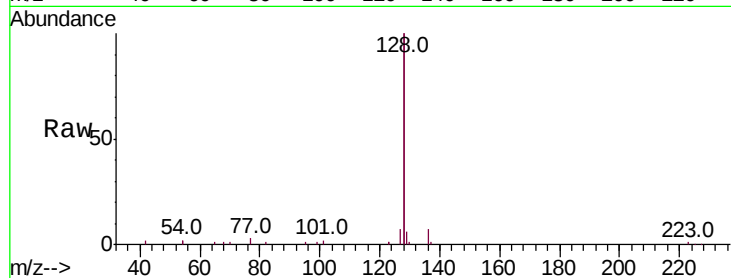
Tot Ion:128 Resp: 67459

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

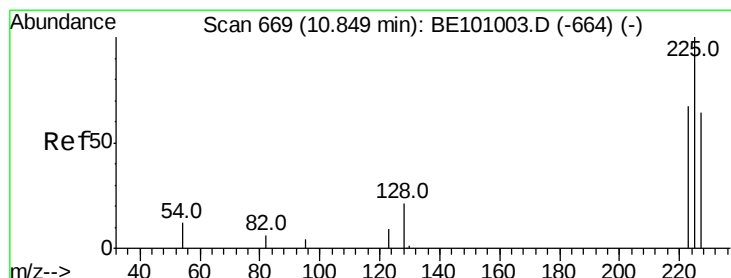
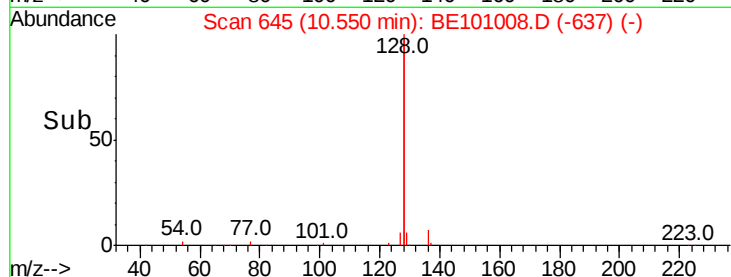
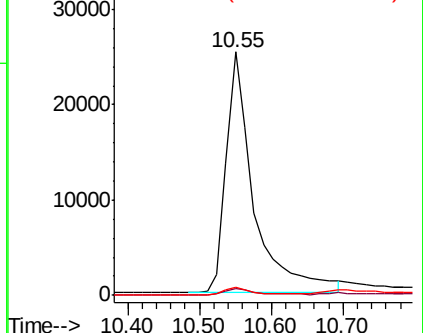
127 3.5 2.7 4.1



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: 0.418 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

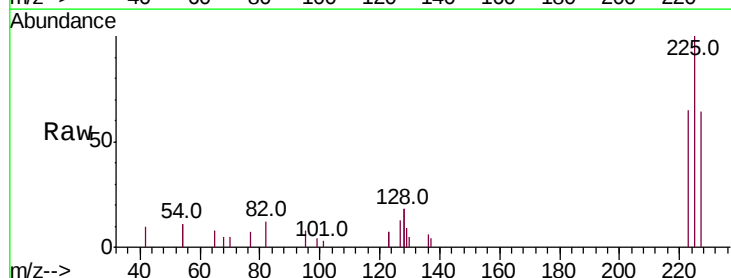
Tgt Ion:225 Resp: 2909

Ion Ratio Lower Upper

225 100

223 64.2 52.2 78.4

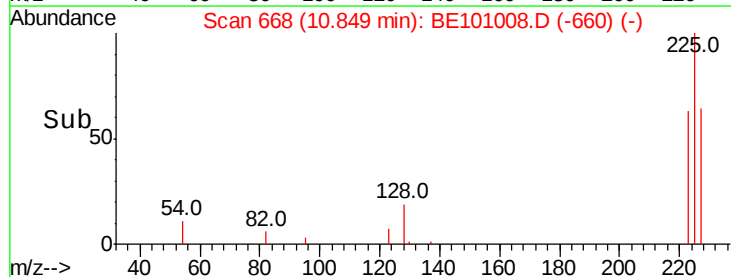
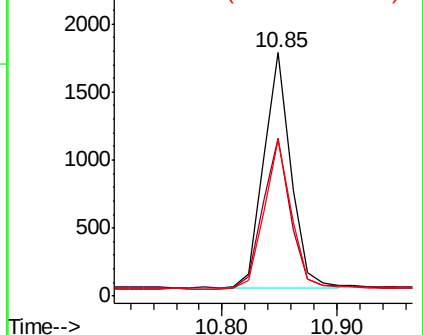
227 63.0 49.9 74.9

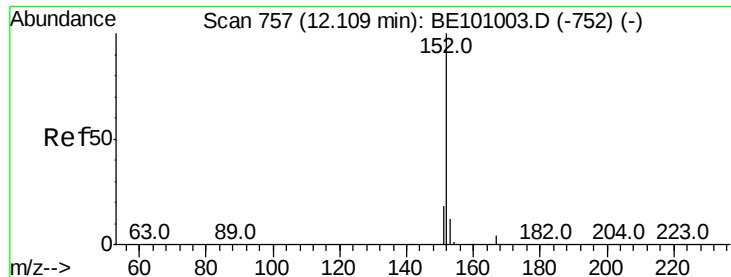


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

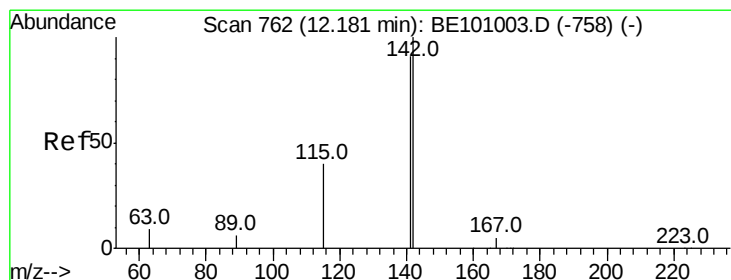
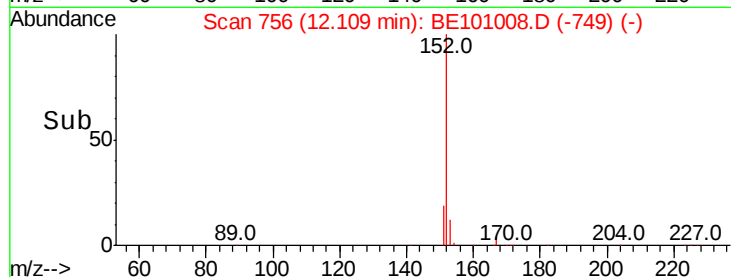
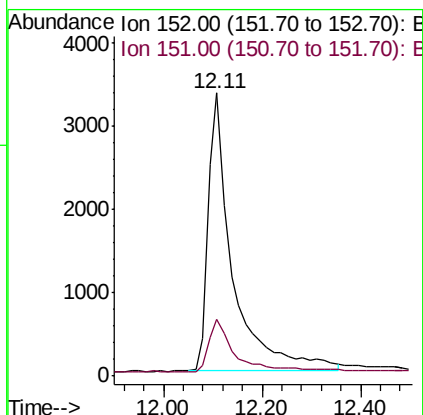
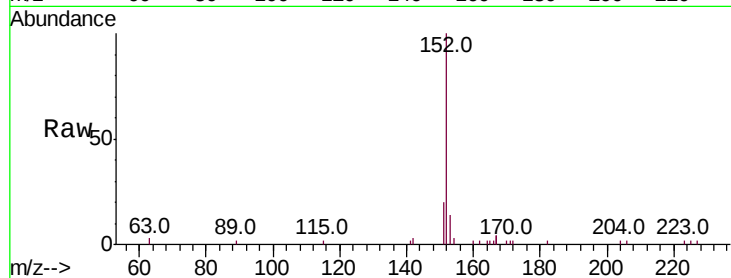




#11
 2-Methylnaphthalene-d10
 Concen: 0.408 ng
 RT: 12.11 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BE101008.D
 Acq: 8 Jan 2020 18:41

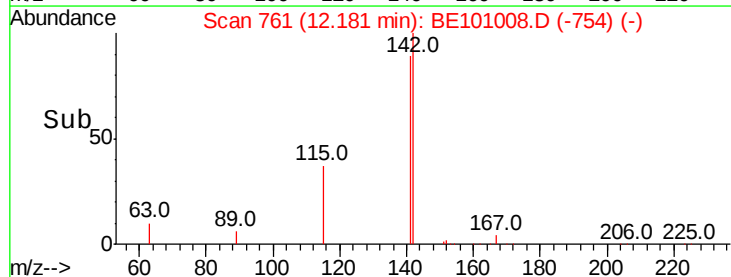
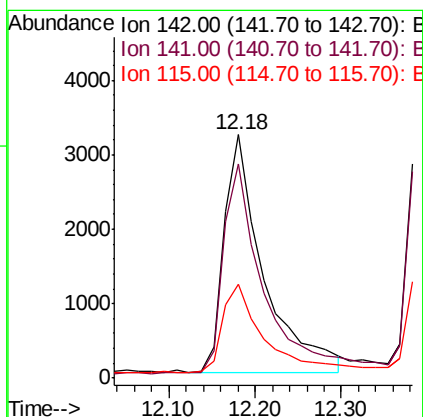
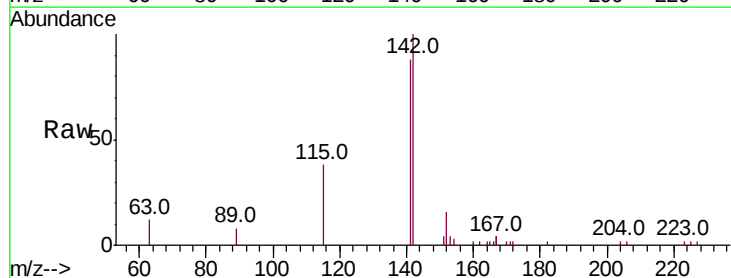
Instrument :
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 ICVBE010820

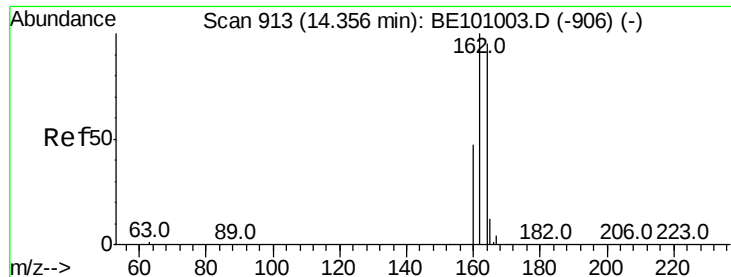
Tot Ion:152 Resp: 11525
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.404 ng
 RT: 12.18 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE101008.D
 Acq: 8 Jan 2020 18:41

Tgt Ion:142 Resp: 10037
 Ion Ratio Lower Upper
 142 100
 141 88.2 72.5 108.7
 115 38.3 33.0 49.6

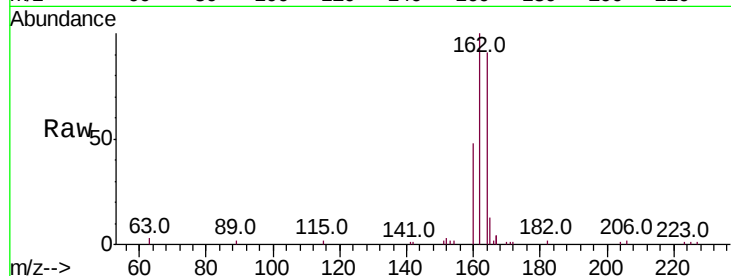




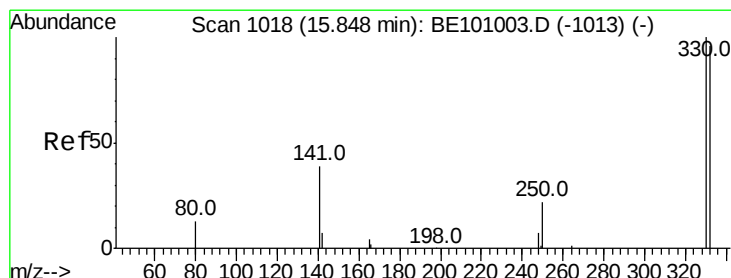
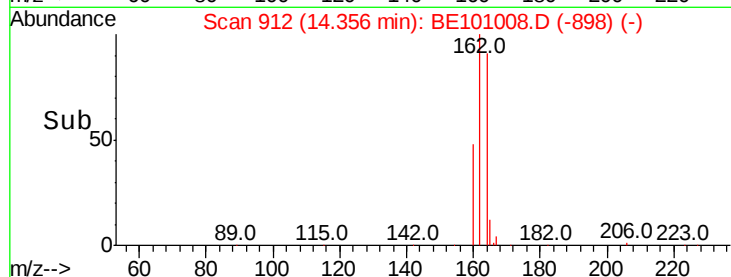
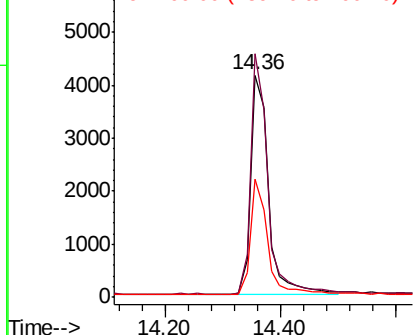
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101008.D
Acq: 8 Jan 2020 18:41

Instrument :
BNA_E
ClientSampleId :
ICVBE010820

Tot Ion:164 Resp: 8913
Ion Ratio Lower Upper
164 100
162 109.7 84.1 126.1
160 53.0 40.4 60.6

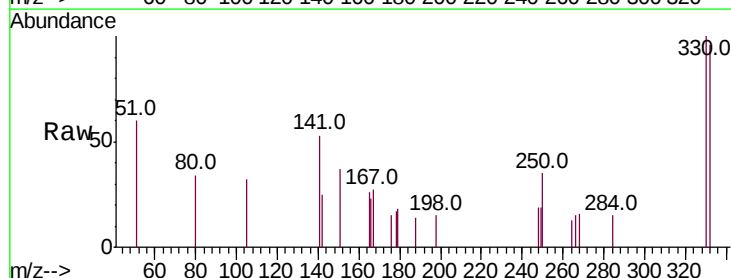


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

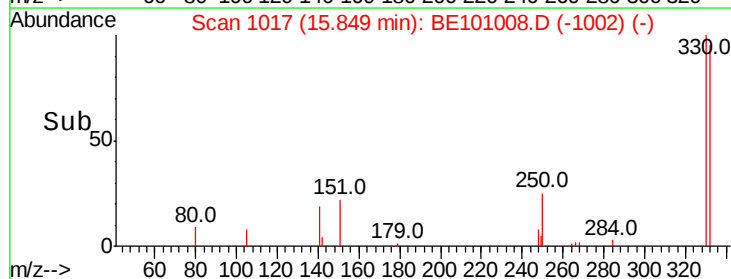
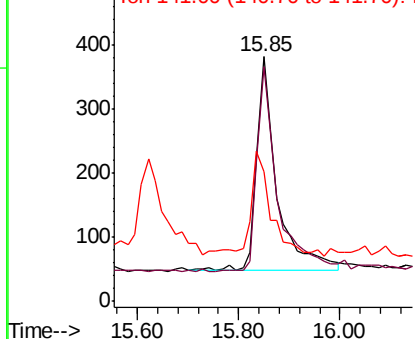


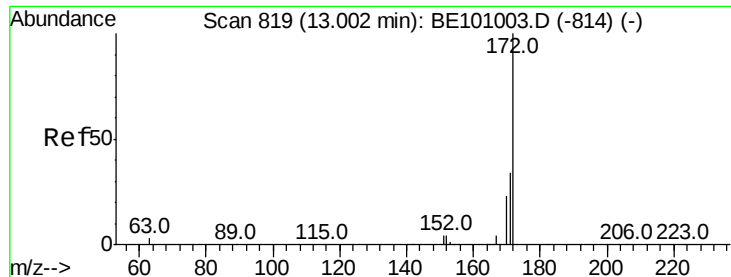
#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101008.D
Acq: 8 Jan 2020 18:41

Tgt Ion:330 Resp: 929
Ion Ratio Lower Upper
330 100
332 96.3 78.4 117.6
141 42.4 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

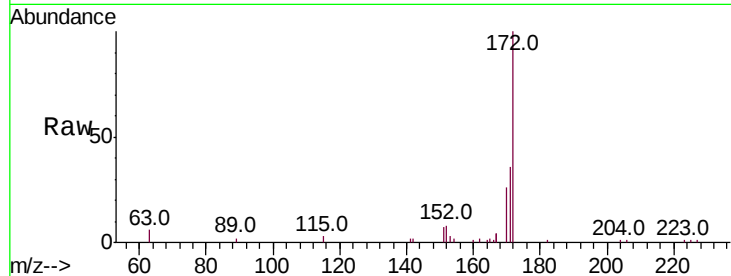




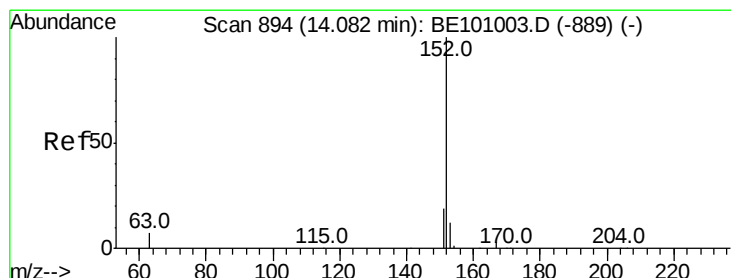
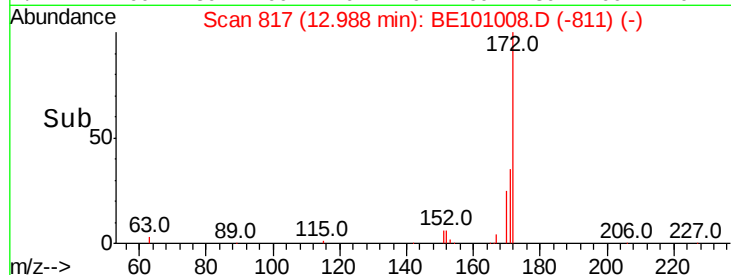
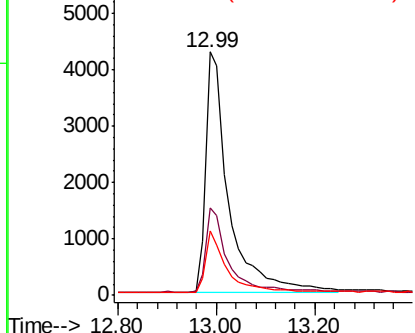
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101008.D
Acq: 8 Jan 2020 18:41

Instrument :
BNA_E
ClientSampleId :
ICVBE010820

Tot Ion:172 Resp: 13926
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 26.3 18.9 28.3

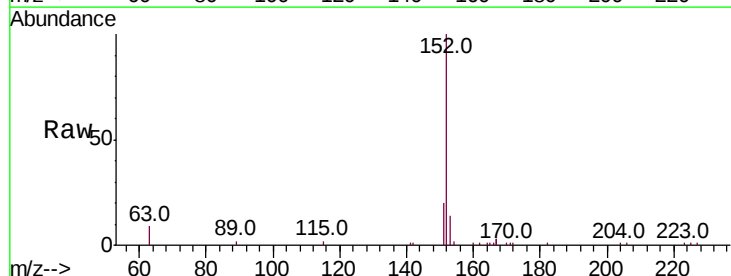


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

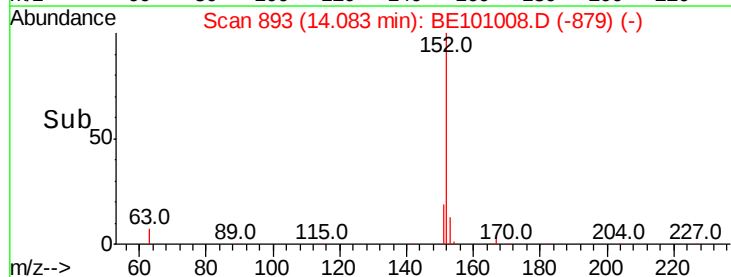
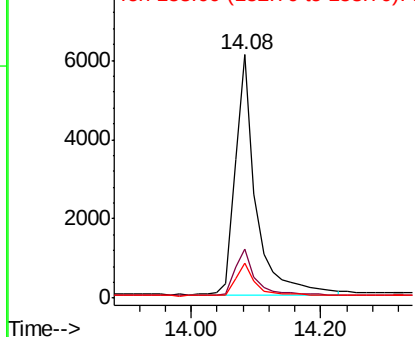


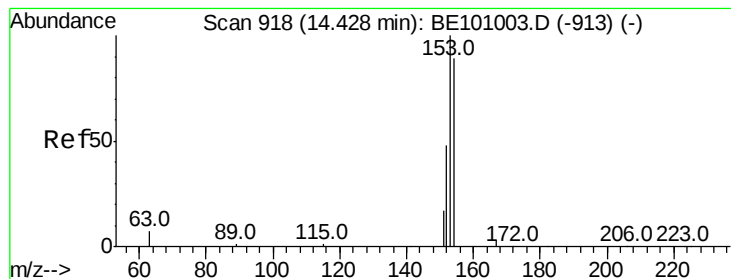
#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101008.D
Acq: 8 Jan 2020 18:41

Tgt Ion:152 Resp: 13425
Ion Ratio Lower Upper
152 100
151 19.5 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: 0.406 ng

RT: 14.43 min Scan# 917

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

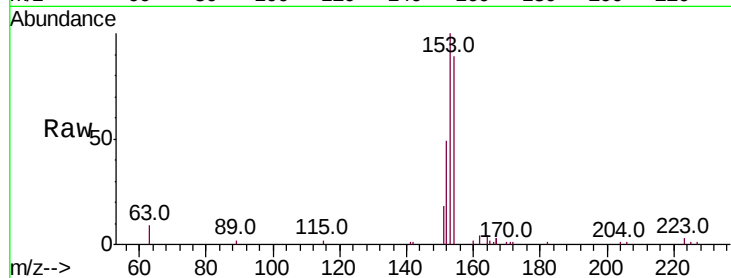
Tot Ion:154 Resp: 10552

Ion Ratio Lower Upper

154 100

153 115.9 93.6 140.4

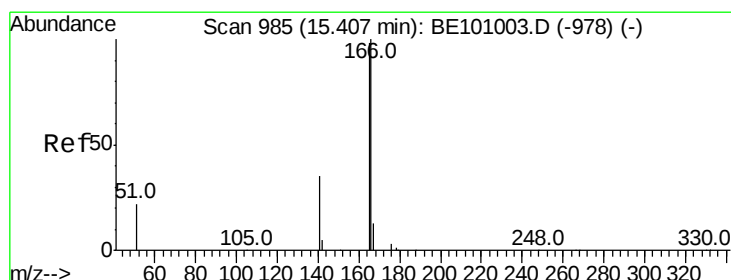
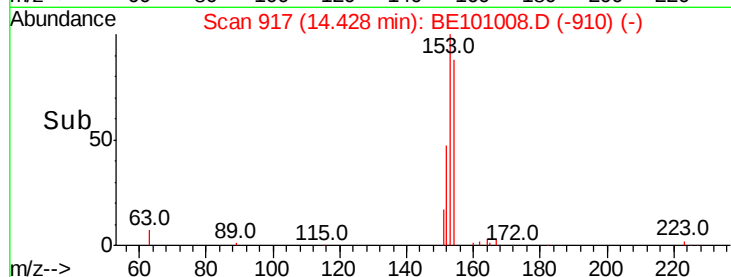
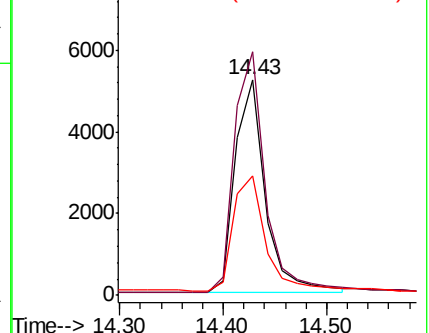
152 57.3 46.3 69.5



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: 0.408 ng

RT: 15.41 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

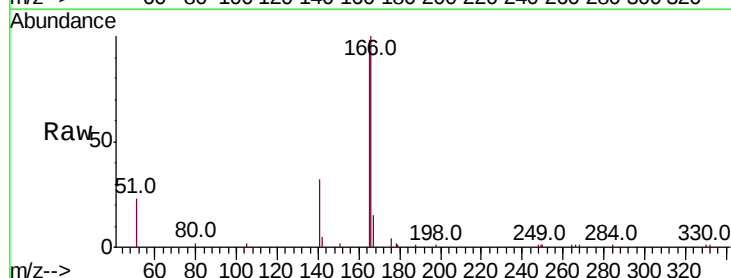
Tgt Ion:166 Resp: 13403

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

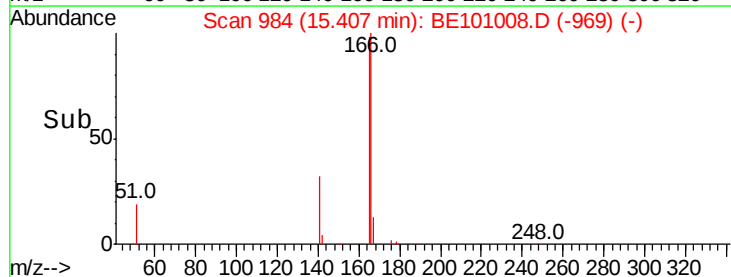
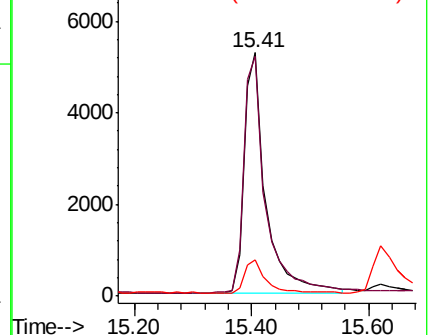
167 13.2 11.0 16.6

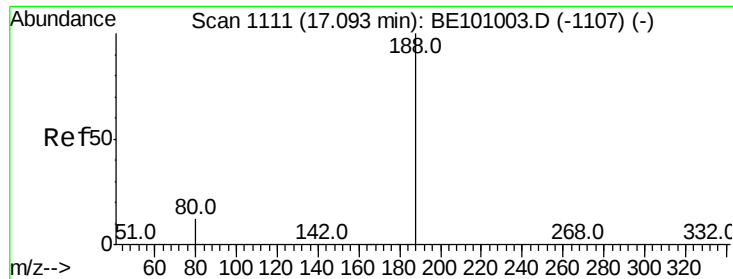


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

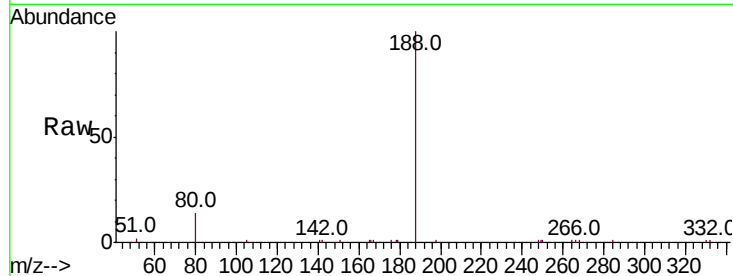
Tot Ion:188 Resp: 20885

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

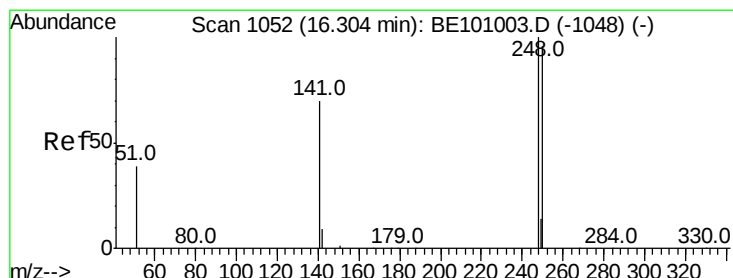
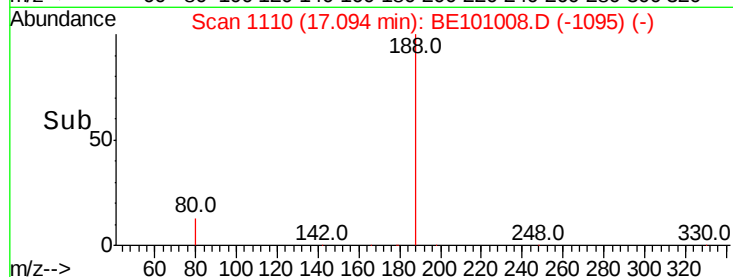
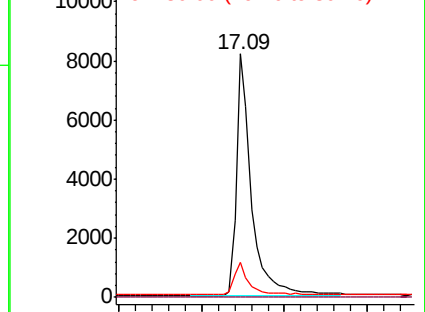
80 14.2 10.8 16.2



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: 0.389 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

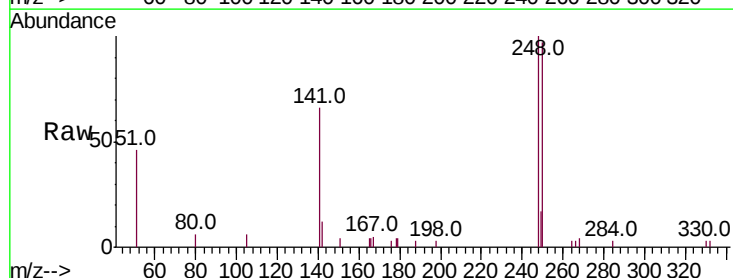
Tgt Ion:248 Resp: 3958

Ion Ratio Lower Upper

248 100

250 96.7 76.6 115.0

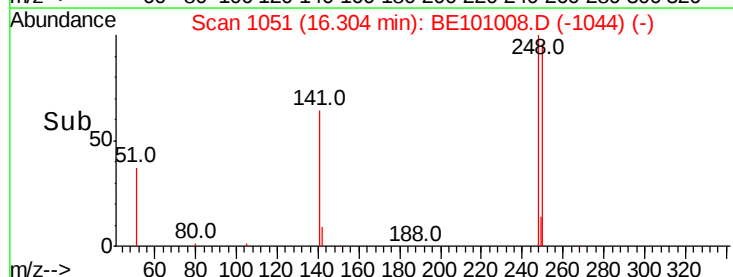
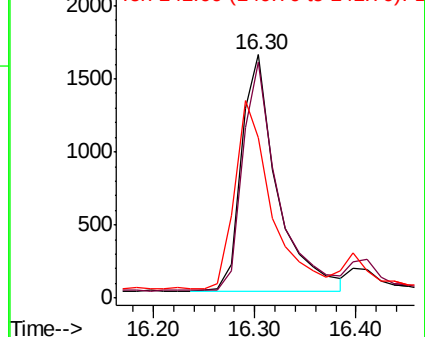
141 66.1 57.7 86.5

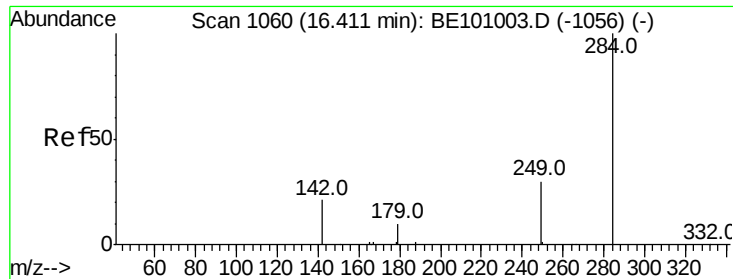


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

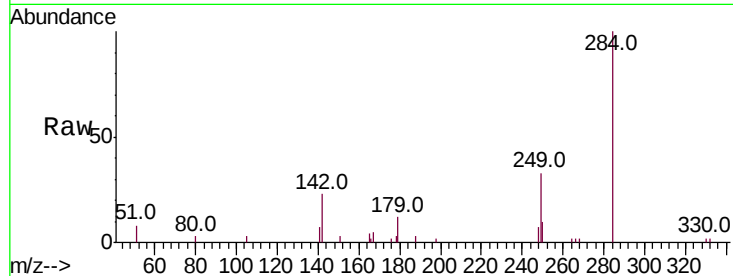
Tot Ion:284 Resp: 4422

Ion Ratio Lower Upper

284 100

142 41.4 34.0 51.0

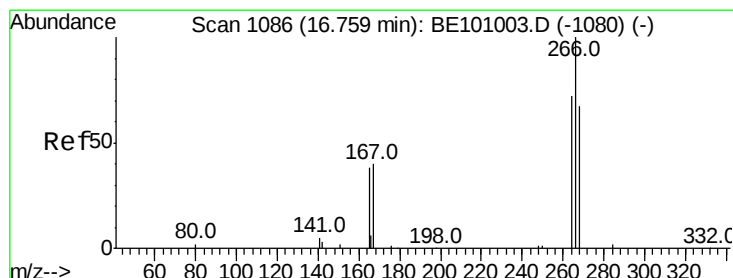
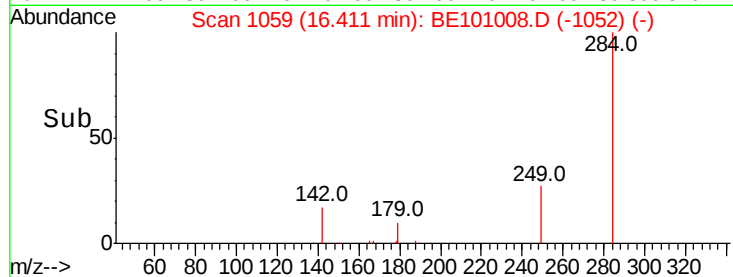
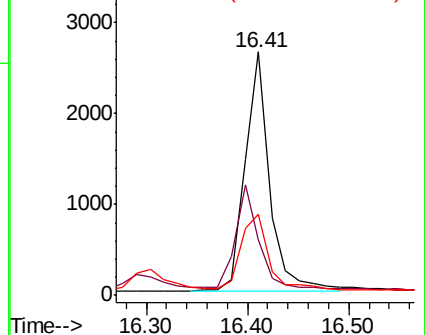
249 35.7 28.2 42.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.487 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

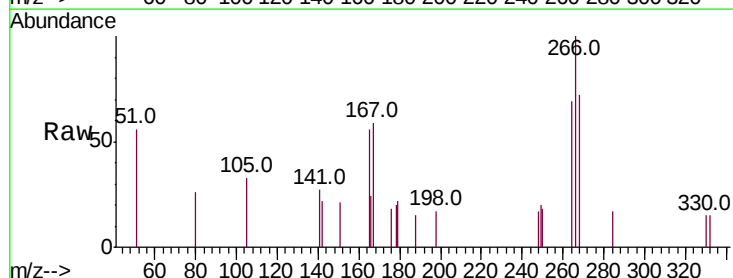
Tgt Ion:266 Resp: 927

Ion Ratio Lower Upper

266 100

264 69.3 61.0 91.4

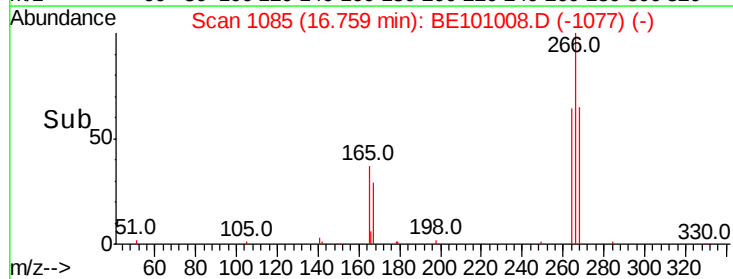
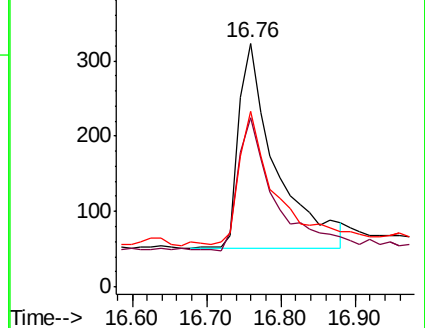
268 72.1 58.5 87.7

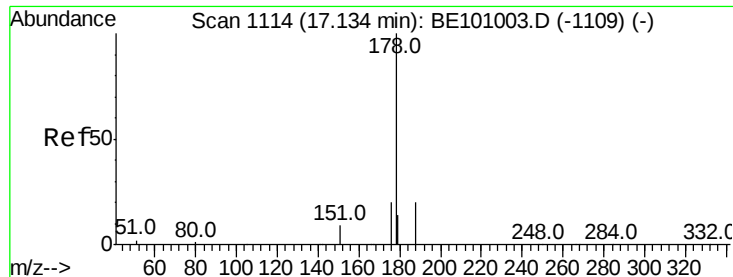


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.400 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

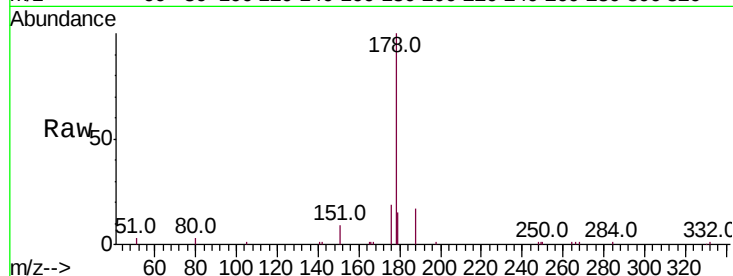
Tot Ion:178 Resp: 22807

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

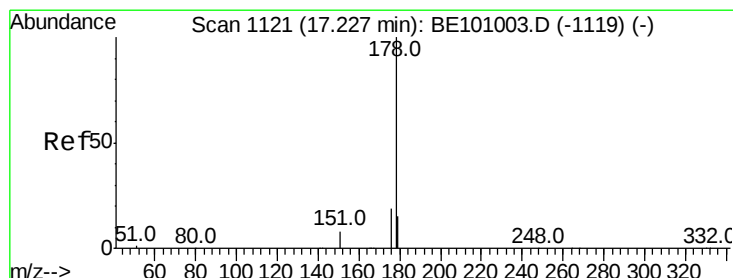
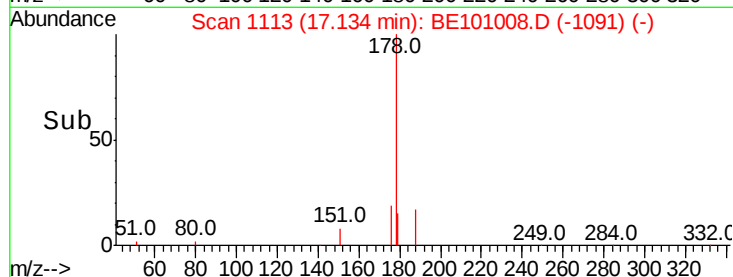
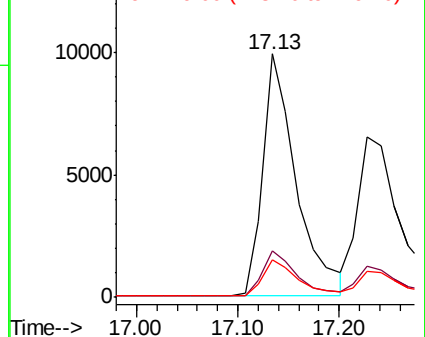
179 15.4 12.0 18.0



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: 0.385 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

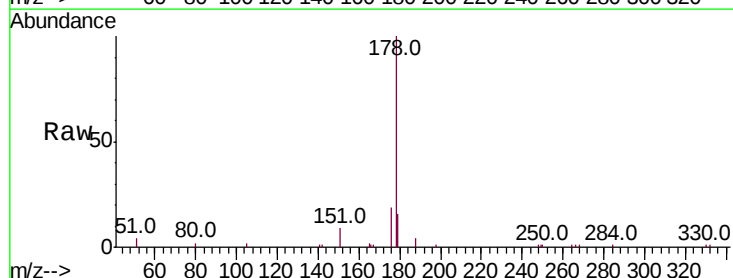
Tgt Ion:178 Resp: 20705

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

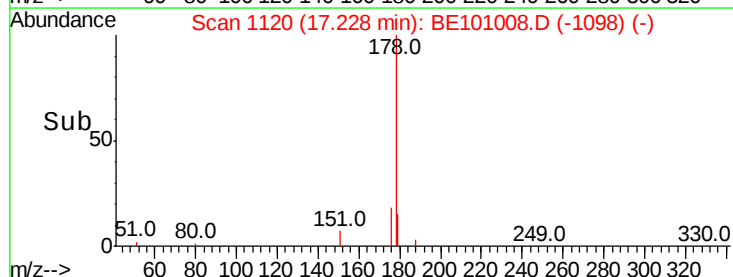
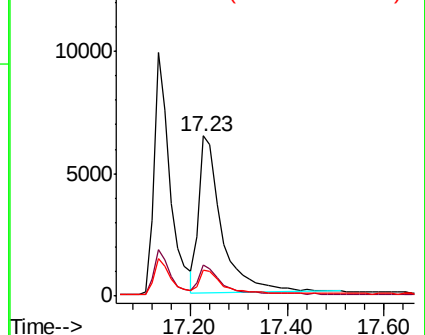
179 15.4 12.4 18.6

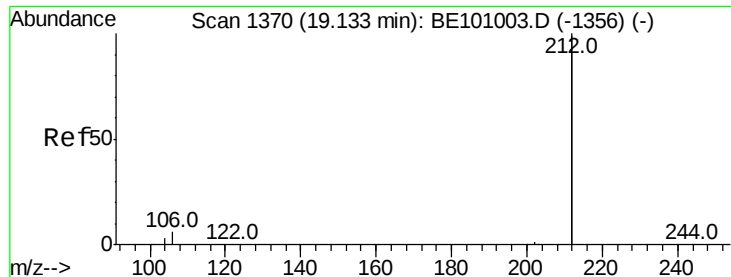


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

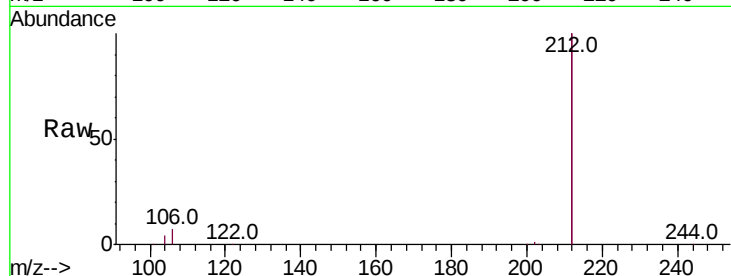
Tot Ion:212 Resp: 108797

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

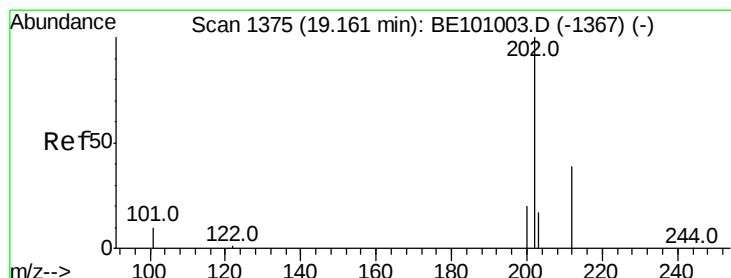
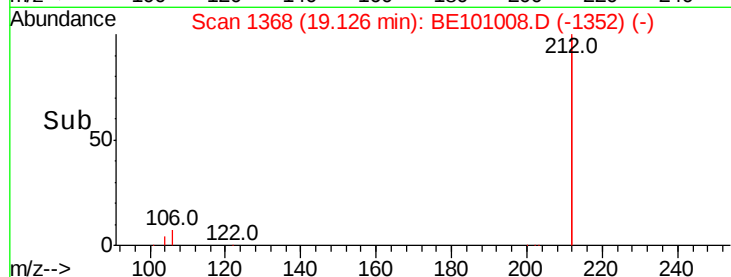
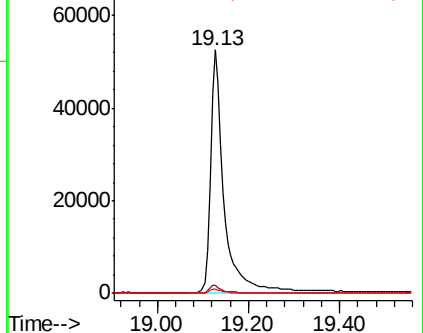
104 1.9 1.4 2.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.378 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

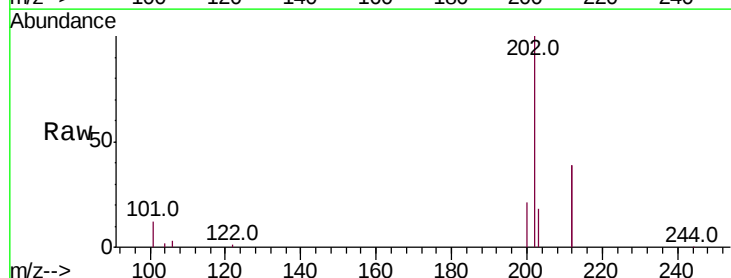
Tgt Ion:202 Resp: 26974

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

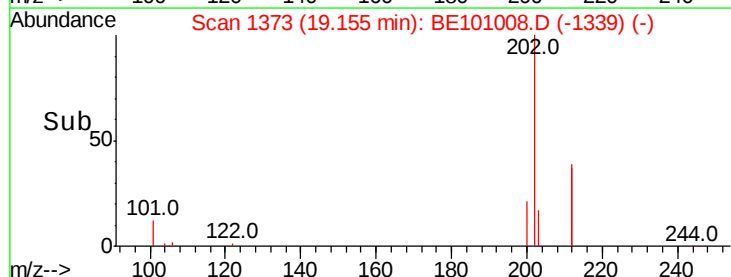
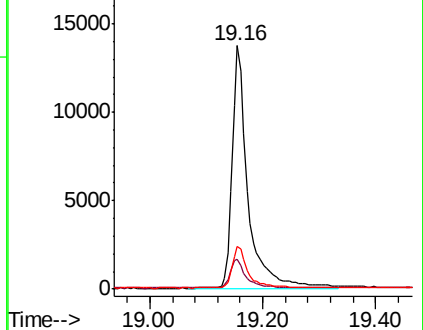
203 16.9 13.8 20.6

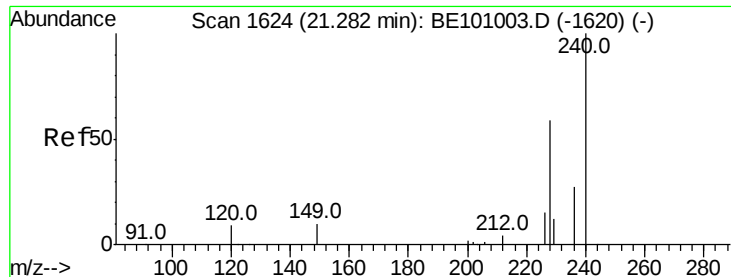


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

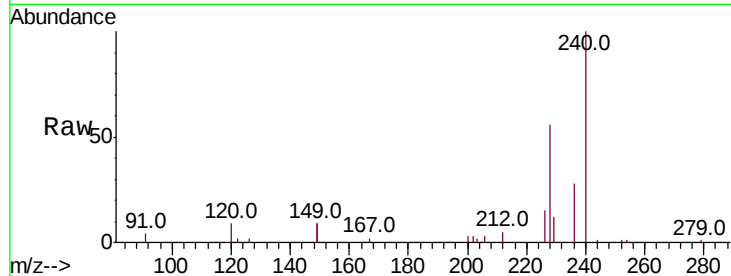




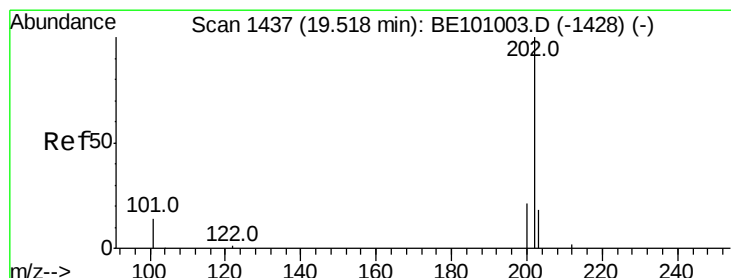
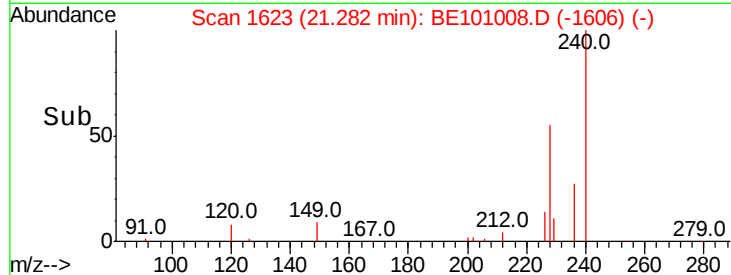
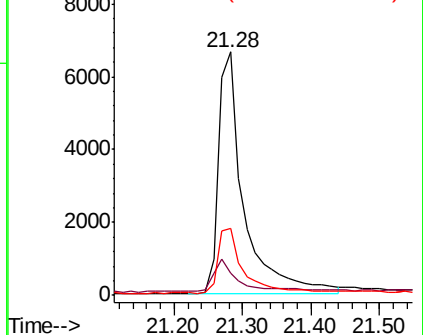
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE101008.D
Acq: 8 Jan 2020 18:41

Instrument :
BNA_E
ClientSampleId :
ICVBE010820

Tot Ion:240 Resp: 17041
Ion Ratio Lower Upper
240 100
120 9.1 8.6 13.0
236 27.6 22.2 33.4

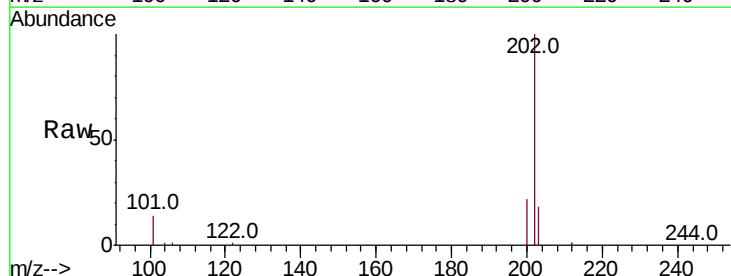


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

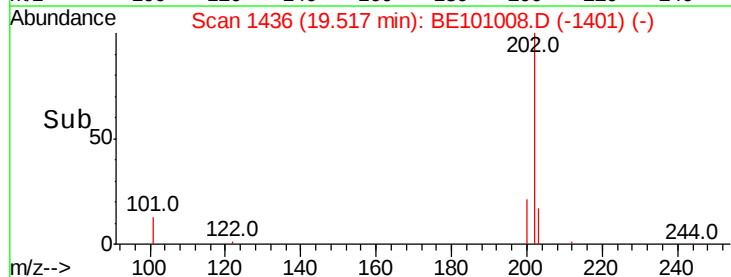
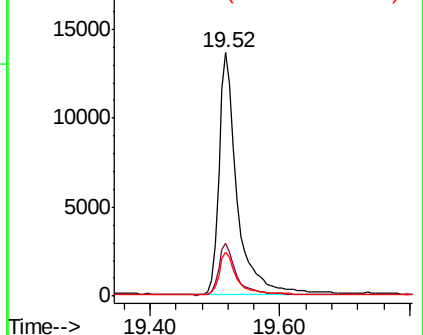


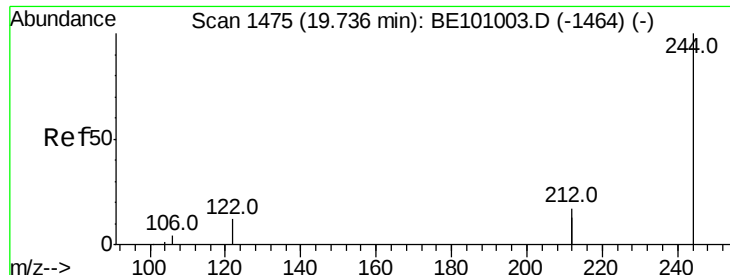
#28
Pyrene
Concen: 0.424 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE101008.D
Acq: 8 Jan 2020 18:41

Tgt Ion:202 Resp: 26880
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.1 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: 0.421 ng

RT: 19.74 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

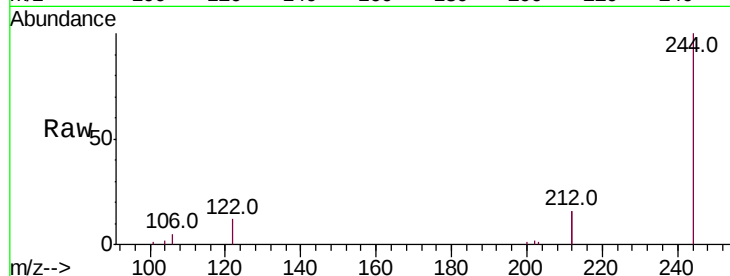
Tot Ion:244 Resp: 17622

Ion Ratio Lower Upper

244 100

212 32.2 27.2 40.8

122 11.6 9.8 14.8

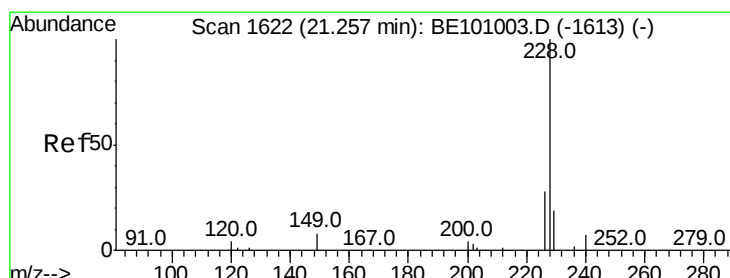
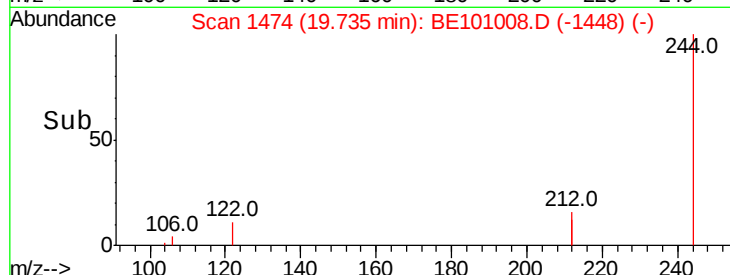
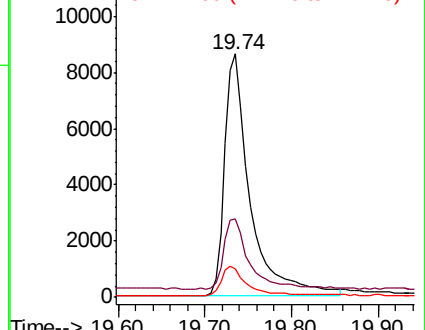


Abundance

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: 0.347 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

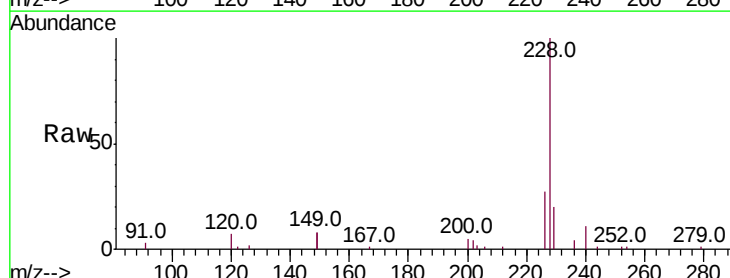
Tgt Ion:228 Resp: 16889

Ion Ratio Lower Upper

228 100

226 27.2 22.7 34.1

229 20.4 15.5 23.3

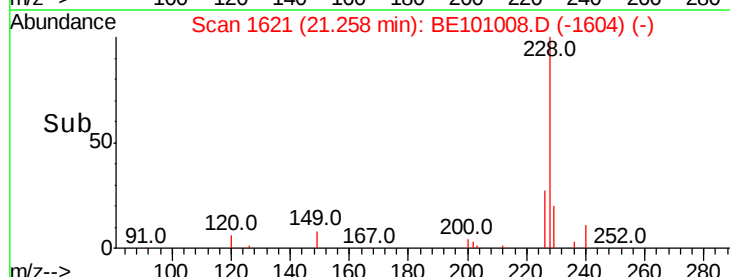
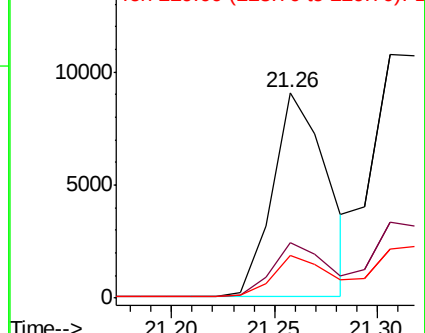


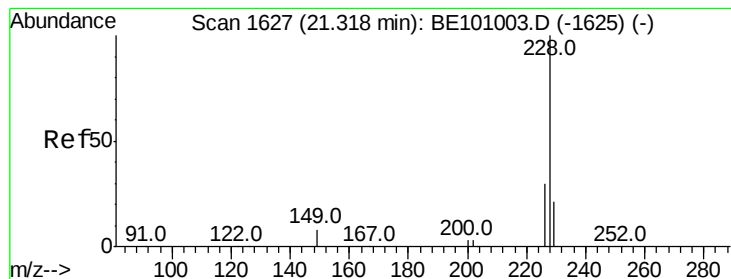
Abundance

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: 0.436 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

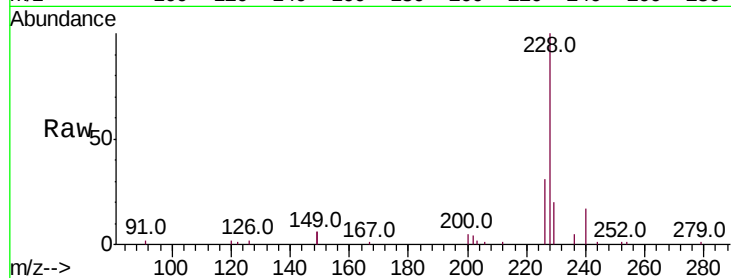
Tot Ion:228 Resp: 31526

Ion Ratio Lower Upper

228 100

226 31.1 23.5 35.3

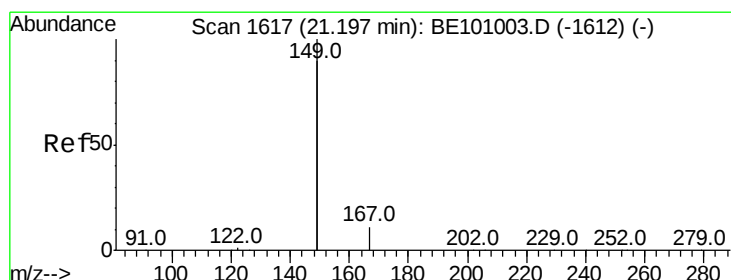
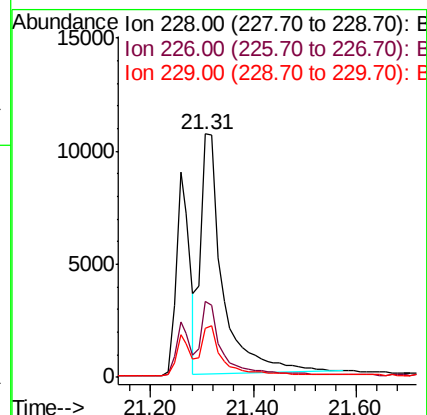
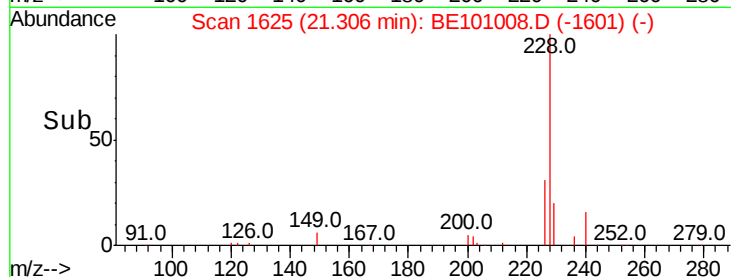
229 20.1 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.358 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

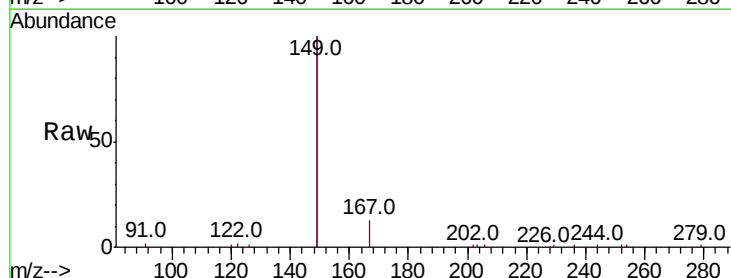
Tgt Ion:149 Resp: 28997

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

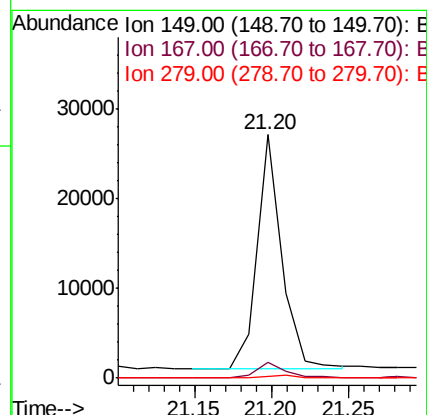
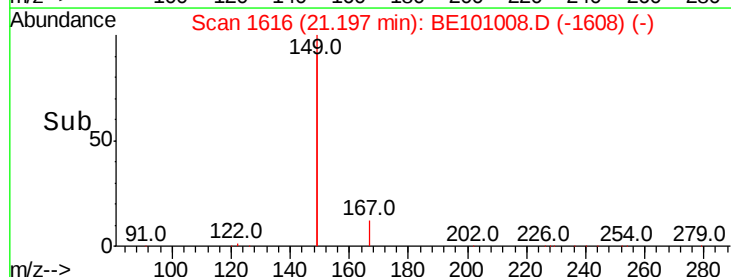
279 0.8 0.8 1.2

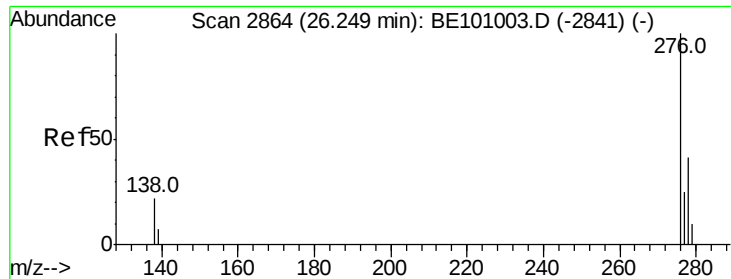


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.390 ng

RT: 26.25 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

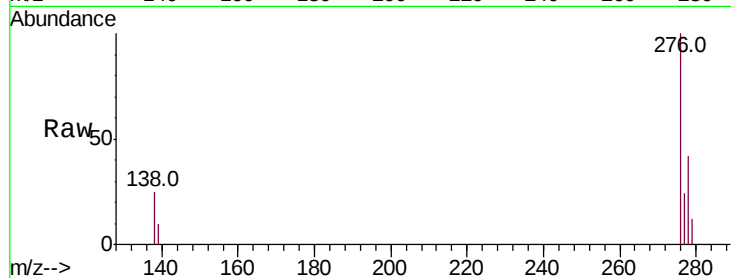
Tot Ion:276 Resp: 22288

Ion Ratio Lower Upper

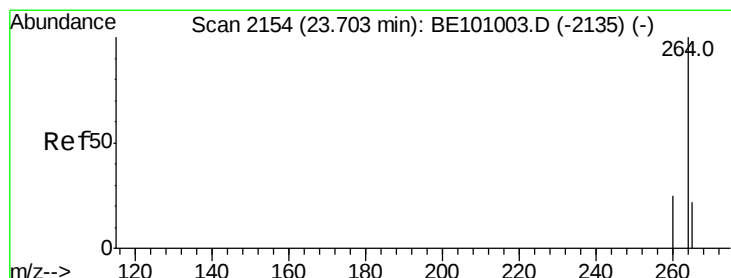
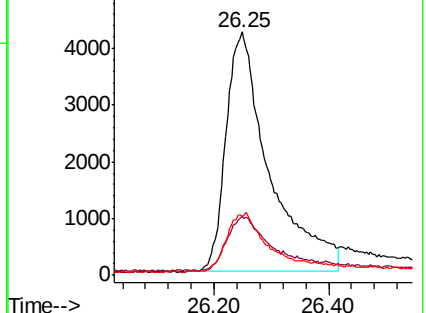
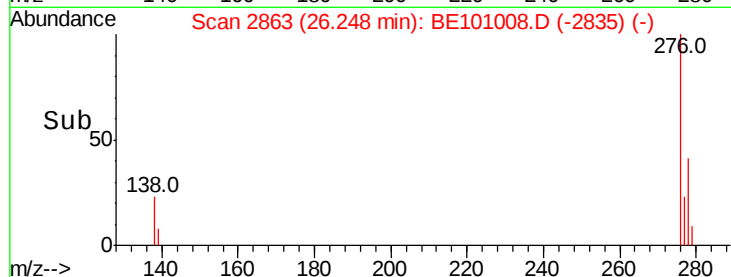
276 100

138 21.2 16.1 24.1

277 9.9 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: BE101008.D

Acq: 8 Jan 2020 18:41

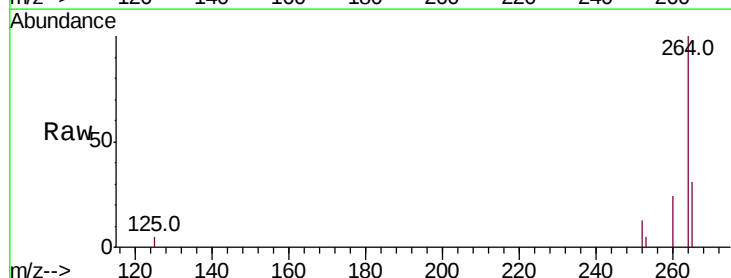
Tgt Ion:264 Resp: 17962

Ion Ratio Lower Upper

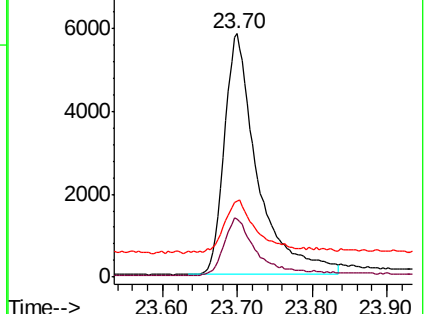
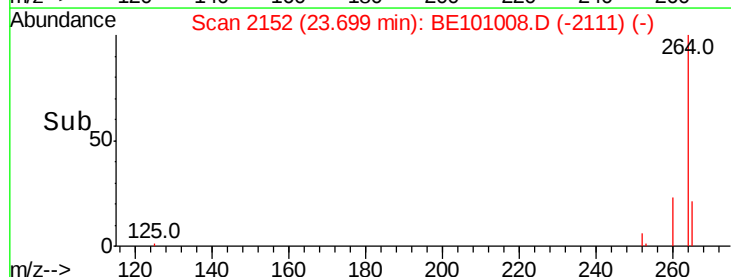
264 100

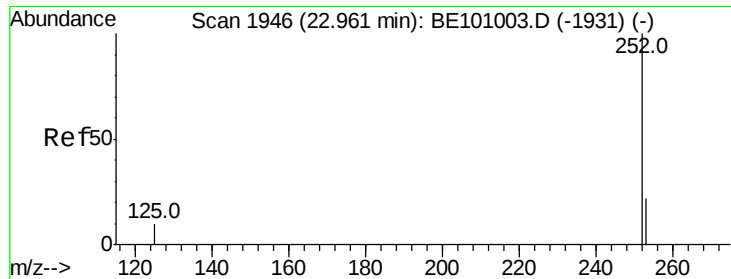
260 23.6 20.3 30.5

265 31.2 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

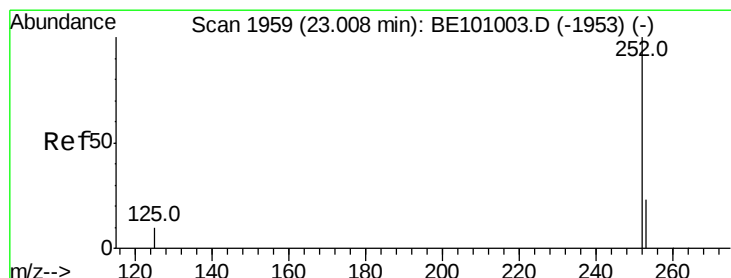
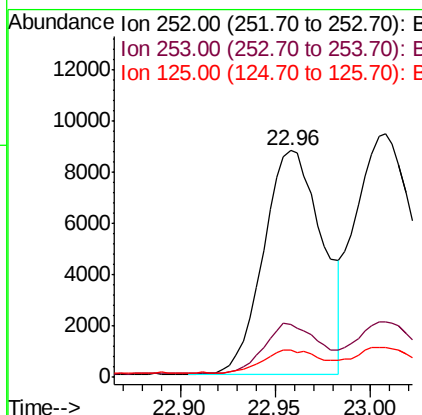
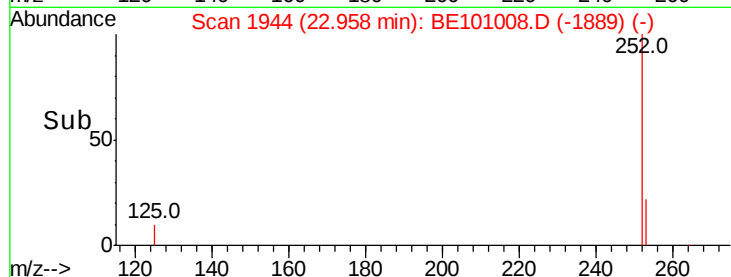
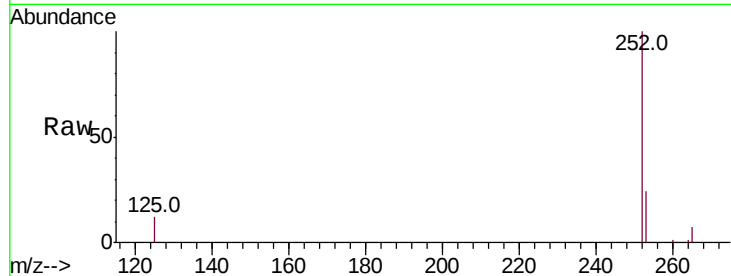




#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE101008.D
Acq: 8 Jan 2020 18:41

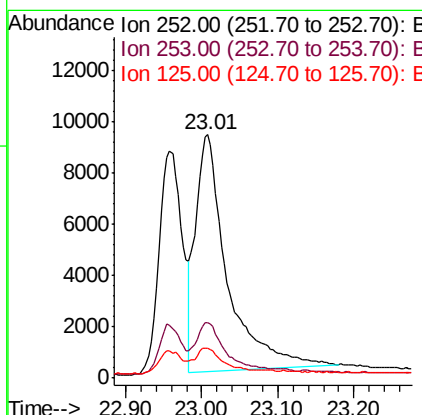
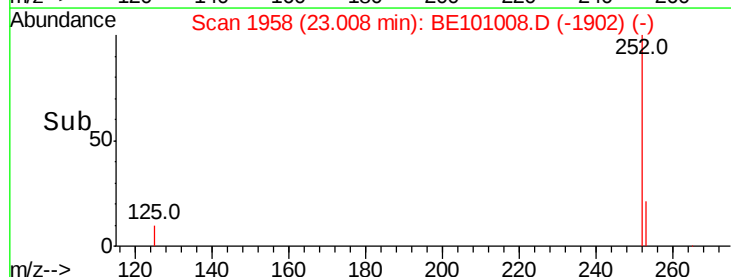
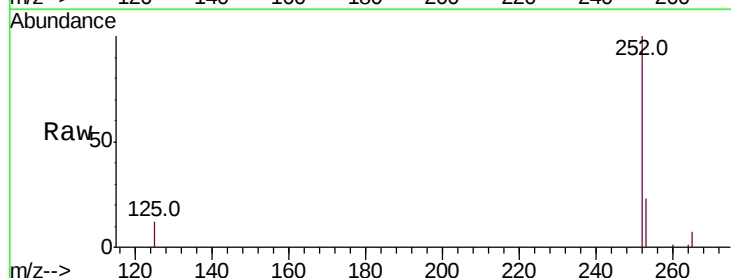
Instrument :
BNA_E
ClientSampleId :
ICVBE010820

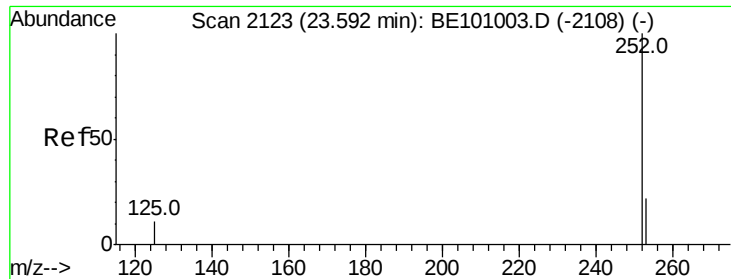
Tot Ion:252 Resp: 18744
Ion Ratio Lower Upper
252 100
253 23.5 18.5 27.7
125 12.3 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.01 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BE101008.D
Acq: 8 Jan 2020 18:41

Tgt Ion:252 Resp: 26819
Ion Ratio Lower Upper
252 100
253 22.9 18.9 28.3
125 12.4 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.59 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

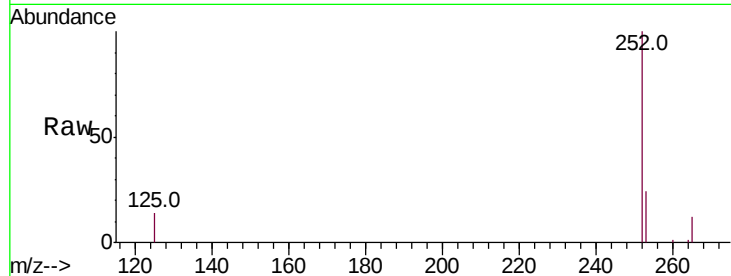
Tot Ion:252 Resp: 18244

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

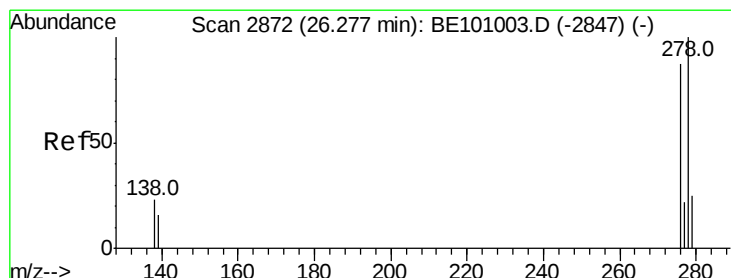
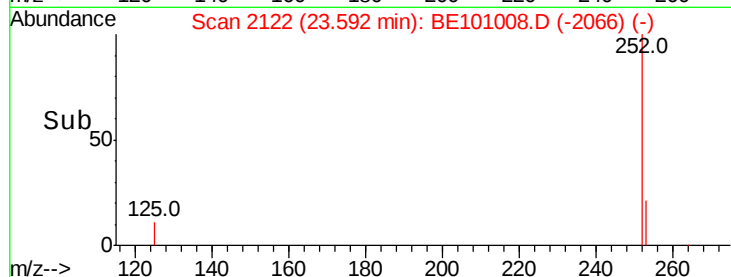
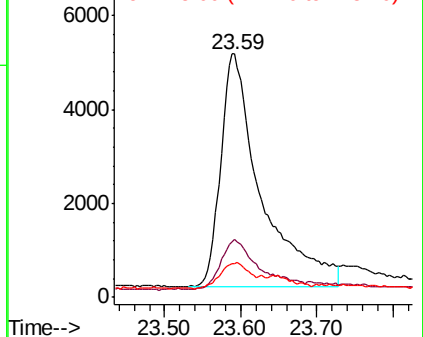
125 13.9 11.8 17.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.378 ng

RT: 26.28 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

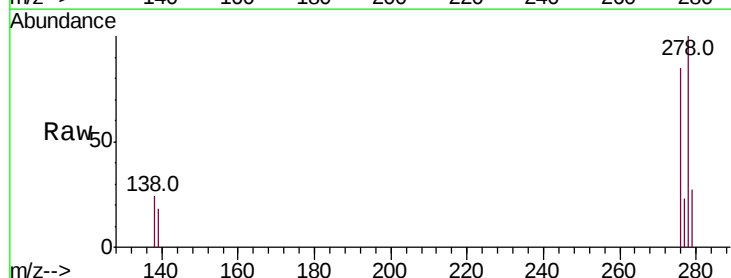
Tgt Ion:278 Resp: 16936

Ion Ratio Lower Upper

278 100

139 18.0 15.0 22.4

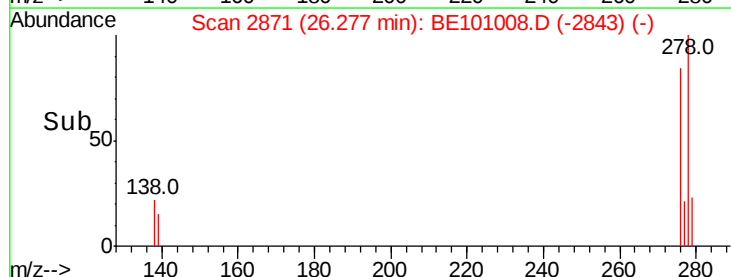
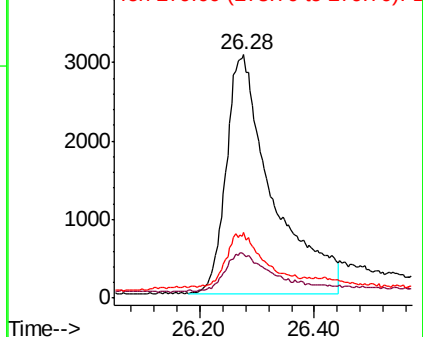
279 26.9 22.6 33.8

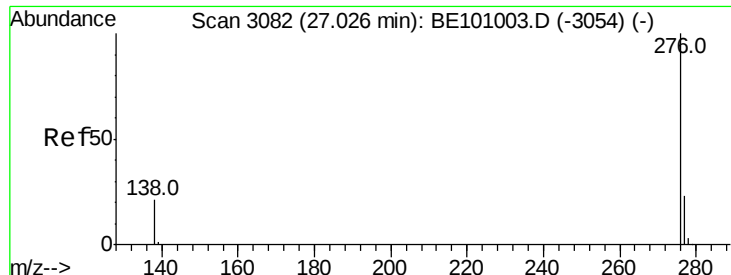


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.380 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BE101008.D

Acq: 8 Jan 2020 18:41

Instrument :

BNA_E

ClientSampleId :

ICVBE010820

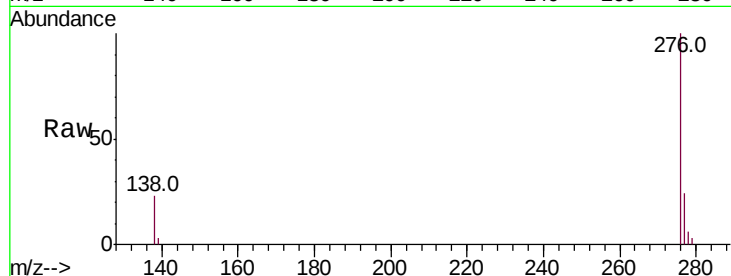
Tot Ion:276 Resp: 20934

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 22.9 17.9 26.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

