

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
 Data File : BE101136.D
 Acq On : 7 Feb 2020 13:57
 Operator : CG/JU
 Sample : PB126655BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB126655BS

Quant Time: Feb 07 15:24:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	7.70	152	1431	0.40	ng	-0.03
7) Naphthalene-d8	10.48	136	5612	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	3516	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	7882	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	8683	0.40	ng	-0.01
34) Perylene-d12	23.68	264	12328	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1278	0.40	ng	-0.02
5) Phenol-d6	6.91	99	1564	0.38	ng	-0.01
8) Nitrobenzene-d5	8.87	82	2081	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	4146	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	218	0.22	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	6993	0.52	ng	-0.01
25) Fluoranthene-d10	19.11	212	40340	0.37	ng	-0.02
29) Terphenyl-d14	19.72	244	9822	0.46	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1146	0.301	ng	# 37
3) n-Nitrosodimethylamine	3.58	42	922	0.464	ng	# 90
6) bis(2-Chloroethyl)ether	7.15	93	1301	0.268	ng	# 90
9) Naphthalene	10.54	128	24428	0.392	ng	# 98
10) Hexachlorobutadiene	10.82	225	1038	0.393	ng	98
12) 2-Methylnaphthalene	12.17	142	3222	0.342	ng	99
16) Acenaphthylene	14.07	152	5712	0.399	ng	98
17) Acenaphthene	14.40	154	3692	0.360	ng	100
18) Fluorene	15.38	166	4623	0.357	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	1418	0.369	ng	97
21) Hexachlorobenzene	16.39	284	1528	0.362	ng	96
22) Pentachlorophenol	16.75	266	17	0.261	ng	# 73
23) Phenanthrene	17.12	178	7257	0.337	ng	100
24) Anthracene	17.22	178	8071	0.397	ng	98
26) Fluoranthene	19.14	202	10064	0.373	ng	100
28) Pyrene	19.51	202	10394	0.322	ng	99
30) Benzo(a)anthracene	21.24	228	9421	0.380	ng	99
31) Chrysene	21.31	228	13841	0.376	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	22146	0.536	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	15035	0.517	ng	# 86
35) Benzo(b)fluoranthene	22.95	252	10891	0.315	ng	97
36) Benzo(k)fluoranthene	23.00	252	16072	0.321	ng	100
37) Benzo(a)pyrene	23.58	252	13510	0.404	ng	99
38) Dibenzo(a,h)anthracene	26.26	278	12412	0.404	ng	95
39) Benzo(g,h,i)perylene	27.01	276	14479	0.383	ng	98

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

```
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Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 420

Delta R.T. -0.03 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

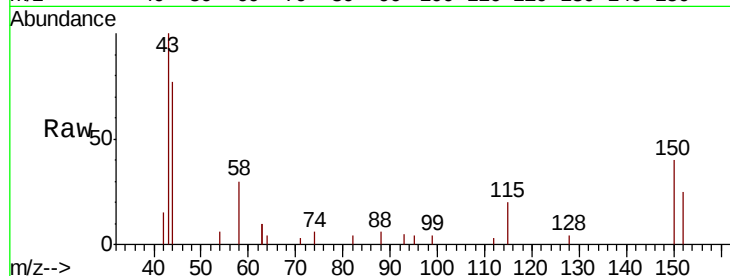
Tot Ion:152 Resp: 1431

Ion Ratio Lower Upper

152 100

150 160.0 120.3 180.5

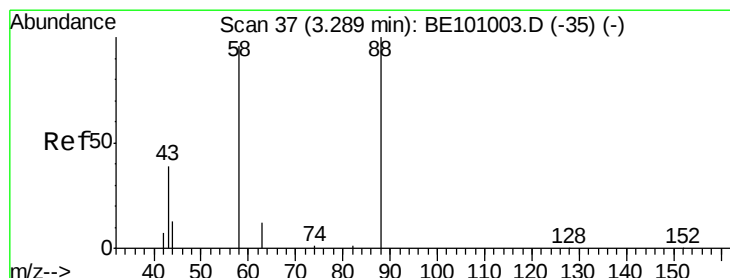
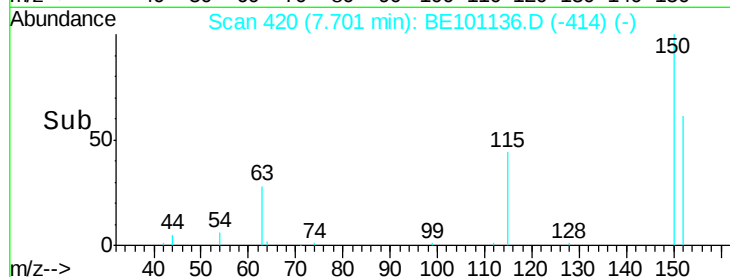
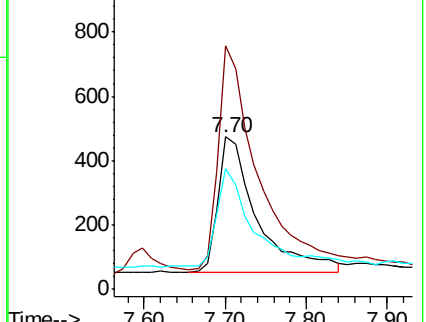
115 79.7 51.7 77.5#



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: 0.301 ng

RT: 3.26 min Scan# 34

Delta R.T. -0.03 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

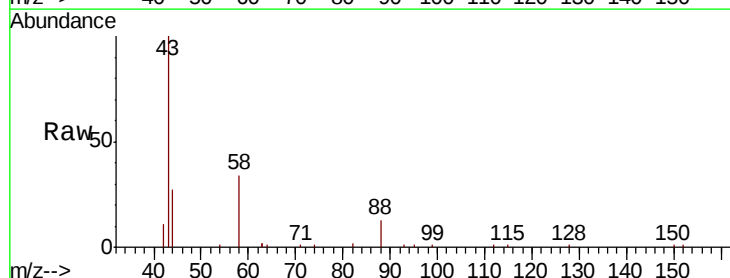
Tgt Ion: 88 Resp: 1146

Ion Ratio Lower Upper

88 100

58 119.1 53.0 79.4#

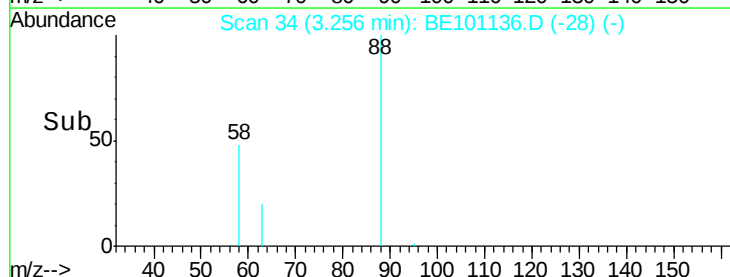
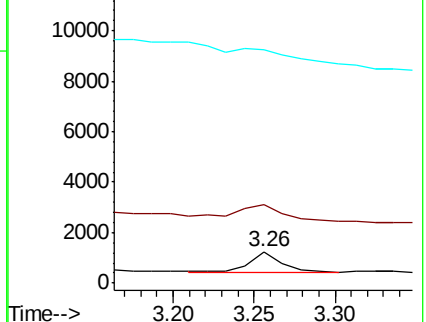
43 0.0 23.4 35.2#



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



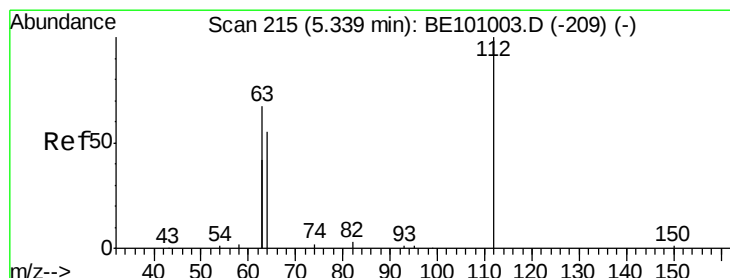
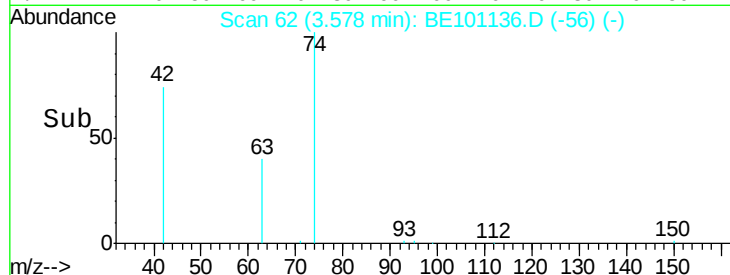
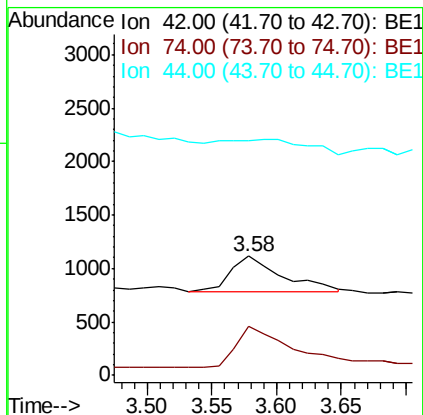
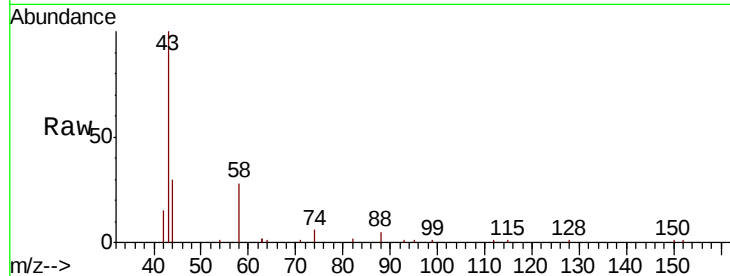


#3

n-Nitrosodimethylamine
 Concen: 0.464 ng
 RT: 3.58 min Scan# 62
 Delta R.T. -0.03 min
 Lab File: BE101136.D
 Acq: 7 Feb 2020 13:57

Instrument :
 BNA_E
 ClientSampleId :
 PB126655BS

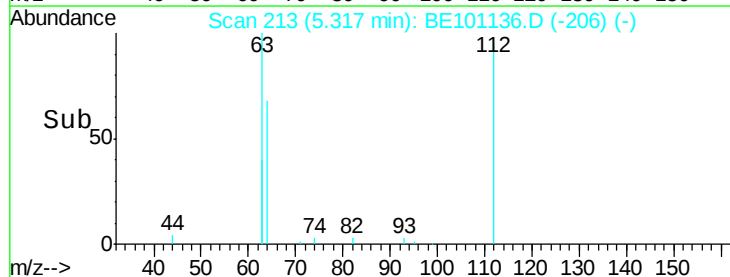
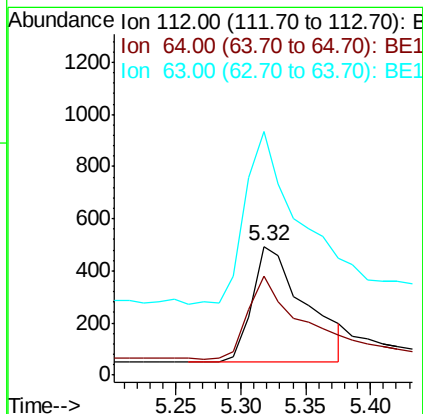
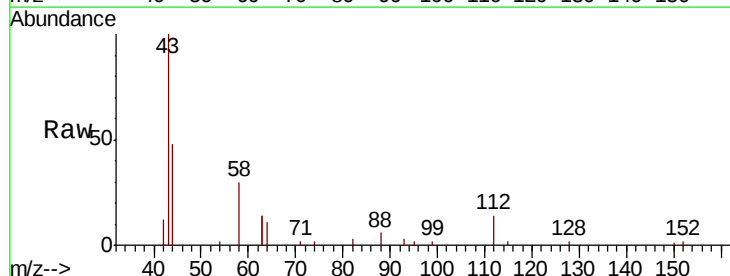
Tot Ion: 42 Resp: 922
 Ion Ratio Lower Upper
 42 100
 74 122.3 105.7 158.5
 44 0.0 10.0 15.0#

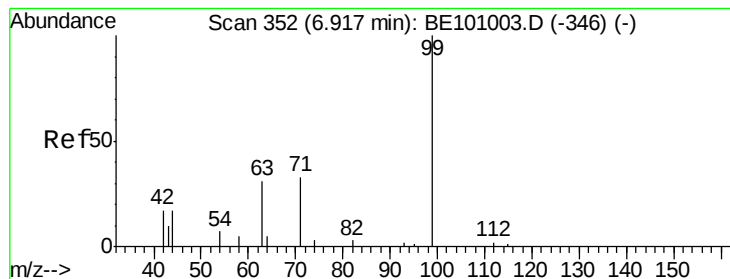


#4

2-Fluorophenol
 Concen: 0.397 ng
 RT: 5.32 min Scan# 213
 Delta R.T. -0.02 min
 Lab File: BE101136.D
 Acq: 7 Feb 2020 13:57

Tgt Ion: 112 Resp: 1278
 Ion Ratio Lower Upper
 112 100
 64 67.5 53.6 80.4
 63 150.9 114.6 172.0





#5

Phenol-d6

Concen: 0.384 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

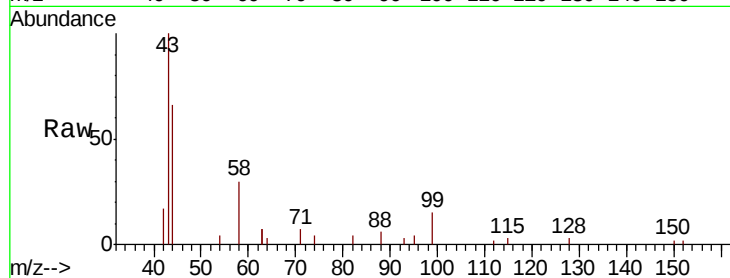
Tot Ion: 99 Resp: 1564

Ion Ratio Lower Upper

99 100

42 24.7 18.3 27.5

71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

6.91

500

400

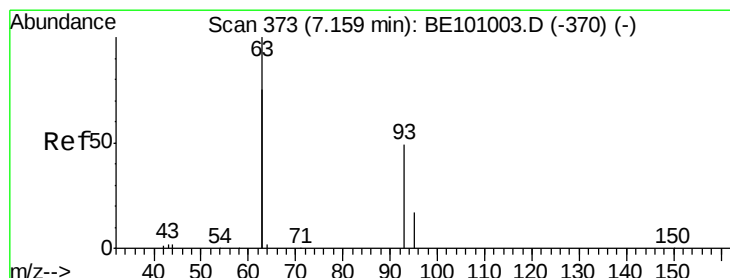
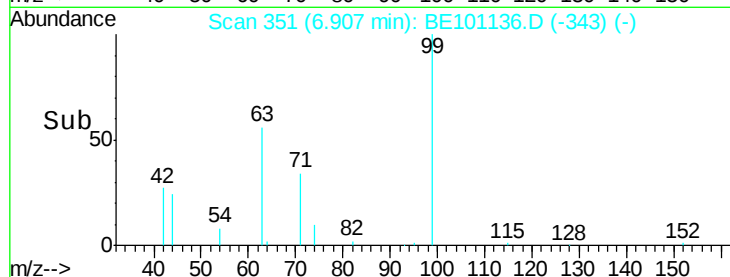
300

200

100

0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.268 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

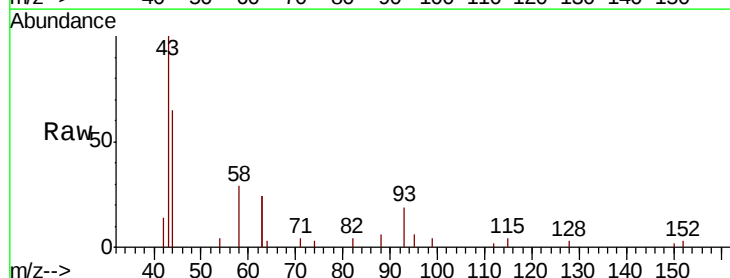
Tgt Ion: 93 Resp: 1301

Ion Ratio Lower Upper

93 100

63 282.7 233.9 350.9

95 0.0 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

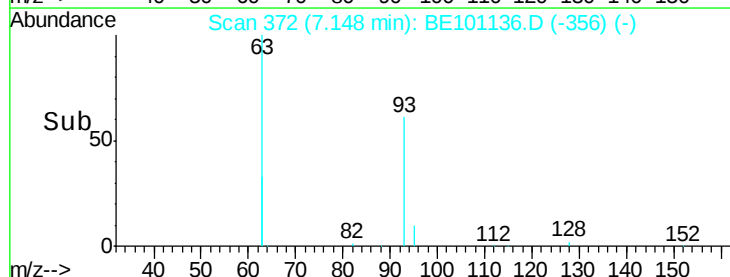
7.15

1000

500

0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

Tot Ion:136 Resp: 5612

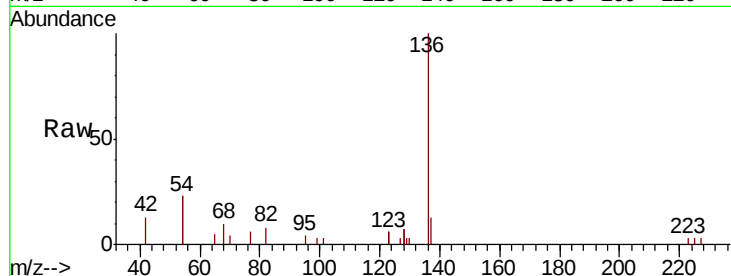
Ion Ratio Lower Upper

136 100

137 13.4 9.3 13.9

54 45.9 36.8 55.2

68 9.8 8.4 12.6

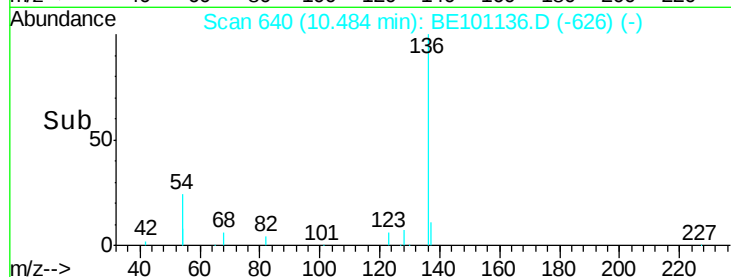
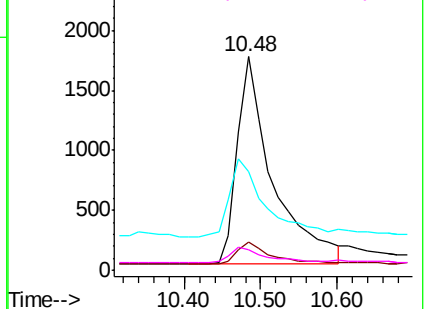


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.518 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

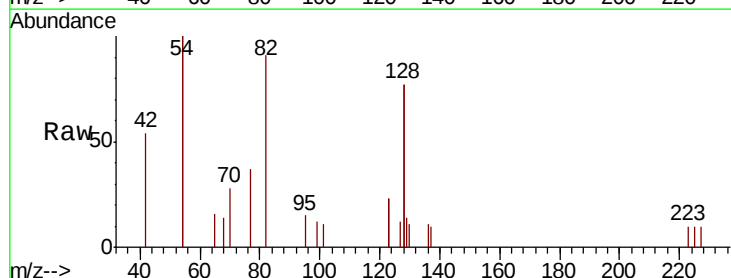
Tgt Ion: 82 Resp: 2081

Ion Ratio Lower Upper

82 100

128 170.4 109.8 164.6#

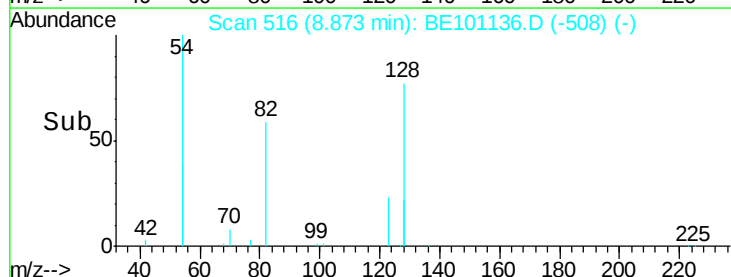
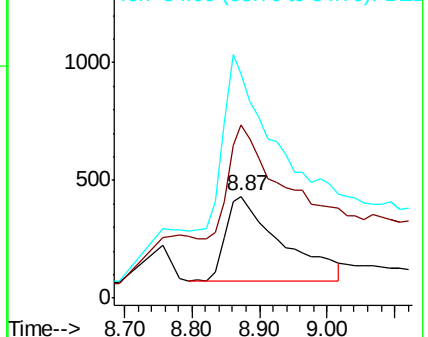
54 220.8 174.5 261.7

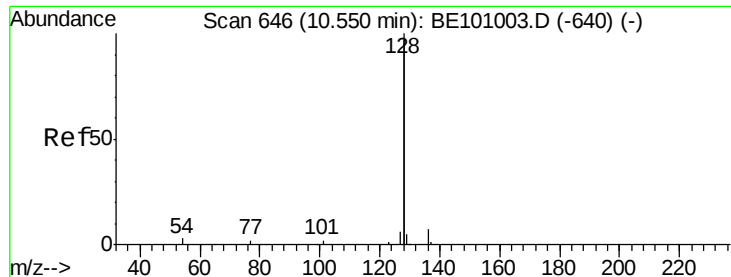


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.392 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

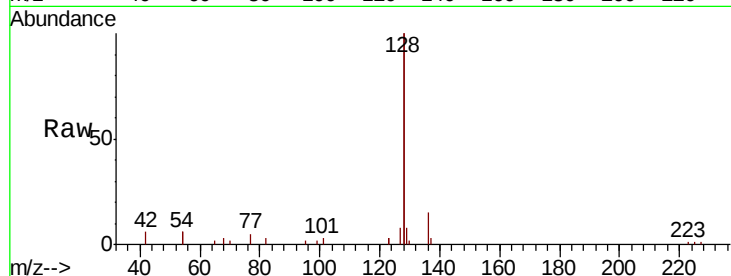
Tot Ion:128 Resp: 24428

Ion Ratio Lower Upper

128 100

129 3.8 2.3 3.5#

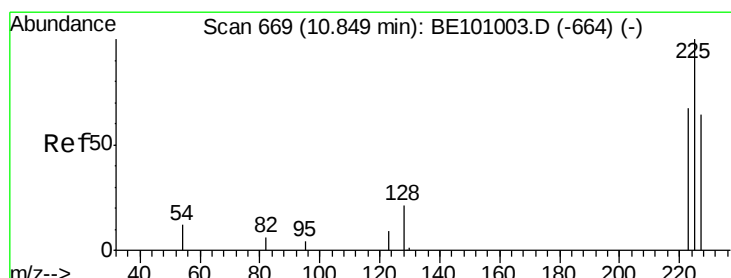
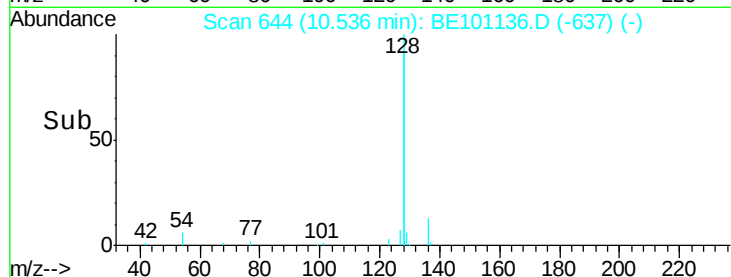
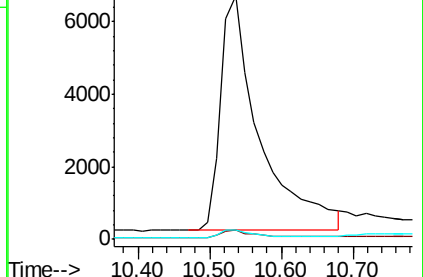
127 4.0 2.7 4.1



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: 0.393 ng

RT: 10.82 min Scan# 666

Delta R.T. -0.03 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

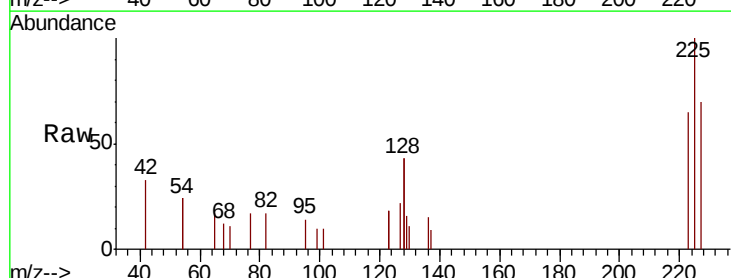
Tgt Ion:225 Resp: 1038

Ion Ratio Lower Upper

225 100

223 62.8 52.2 78.4

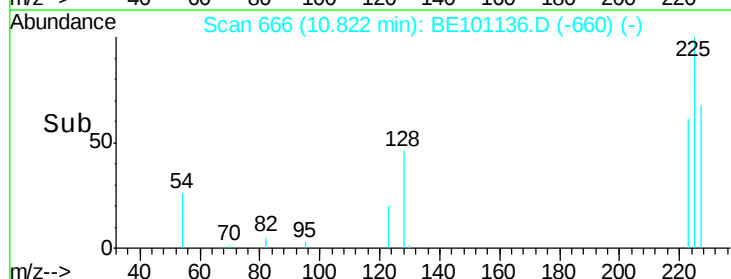
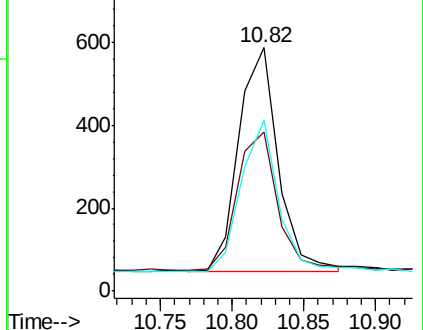
227 63.7 49.9 74.9

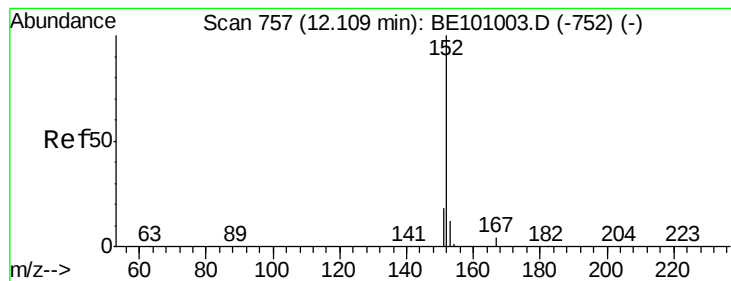


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

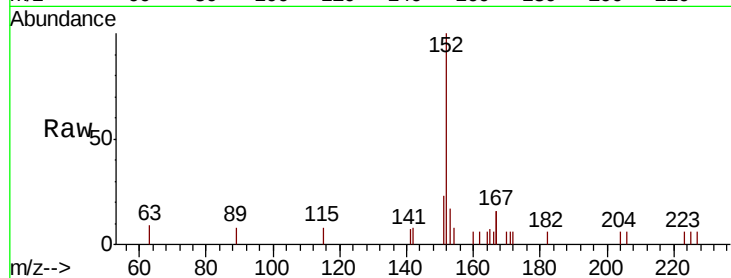
PB126655BS

Tot Ion:152 Resp: 4146

Ion Ratio Lower Upper

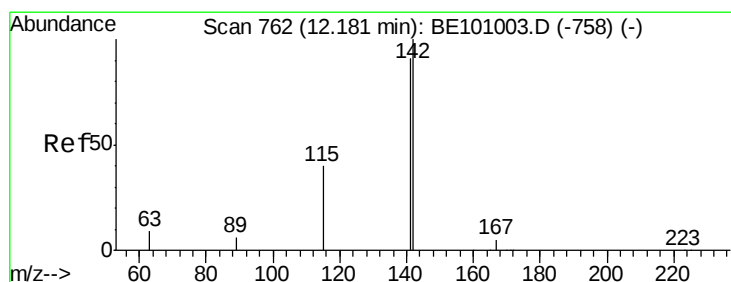
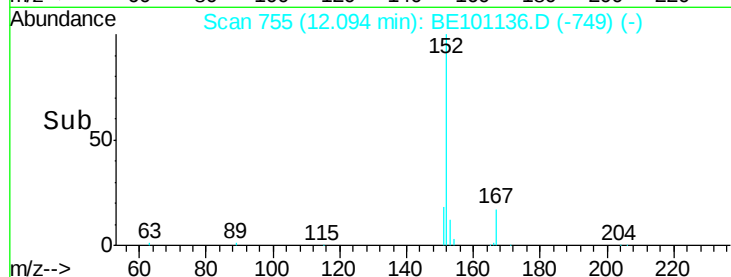
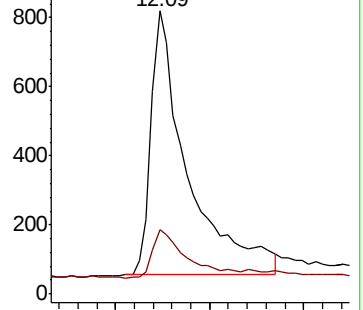
152 100

151 17.3 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: 0.342 ng

RT: 12.17 min Scan# 760

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

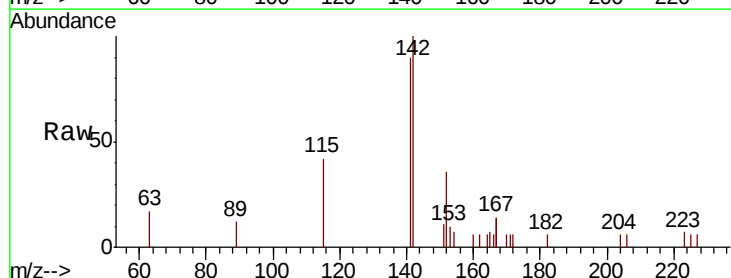
Tgt Ion:142 Resp: 3222

Ion Ratio Lower Upper

142 100

141 89.9 72.5 108.7

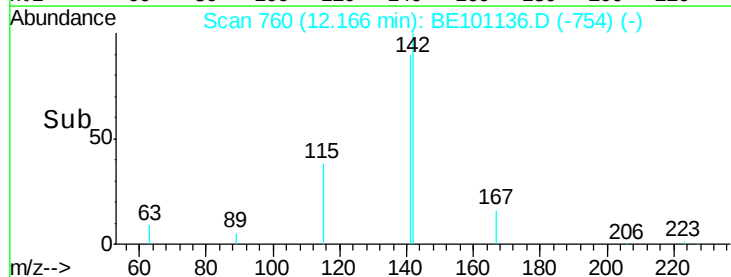
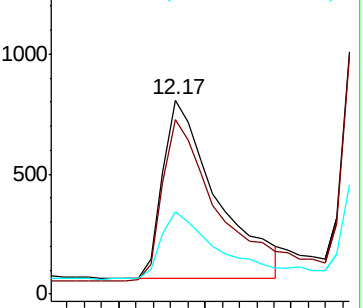
115 42.5 33.0 49.6



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: 14.34 min Scan# 911

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

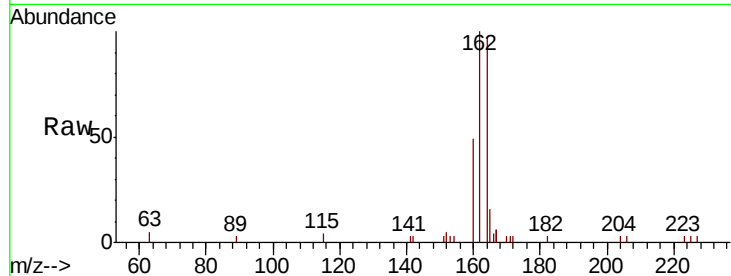
Tot Ion:164 Resp: 3516

Ion Ratio Lower Upper

164 100

162 103.5 84.1 126.1

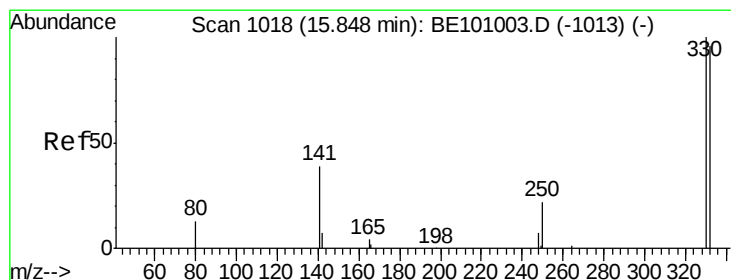
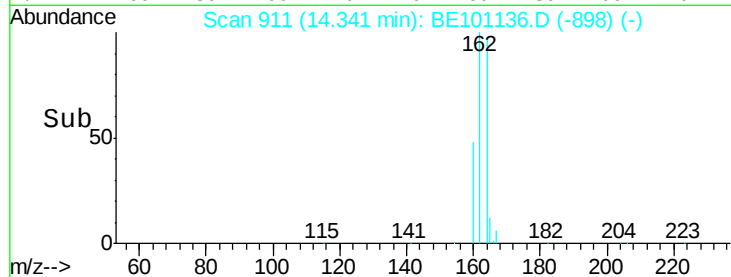
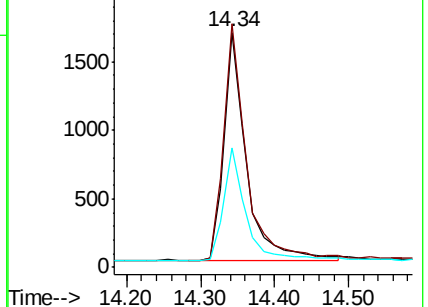
160 50.9 40.4 60.6



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: 0.220 ng

RT: 15.84 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

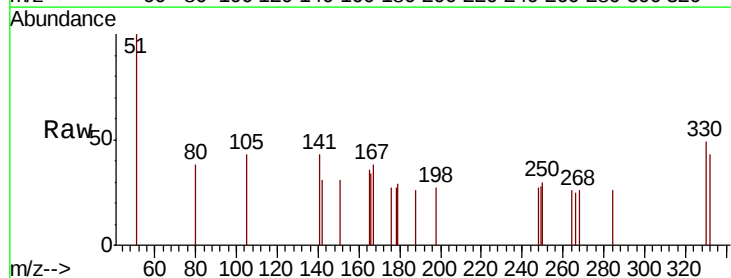
Tgt Ion:330 Resp: 218

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

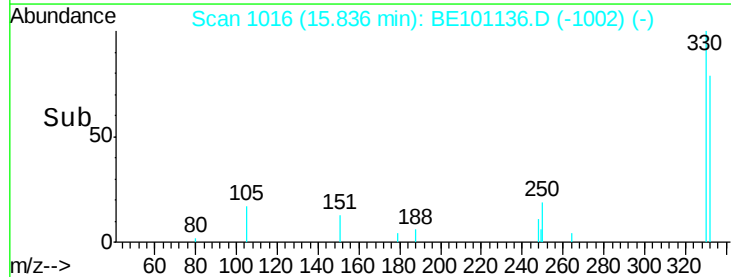
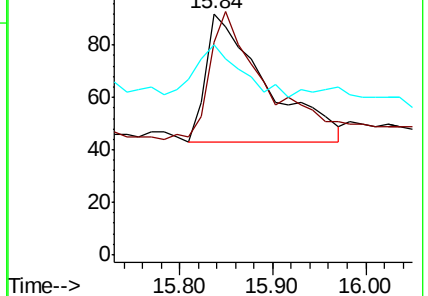
141 31.7 37.0 55.4#

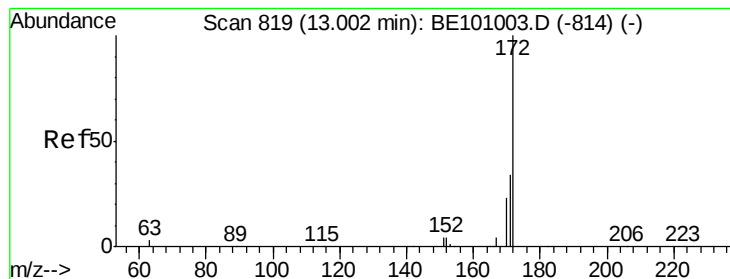


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.524 ng

RT: 12.99 min Scan# 817

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

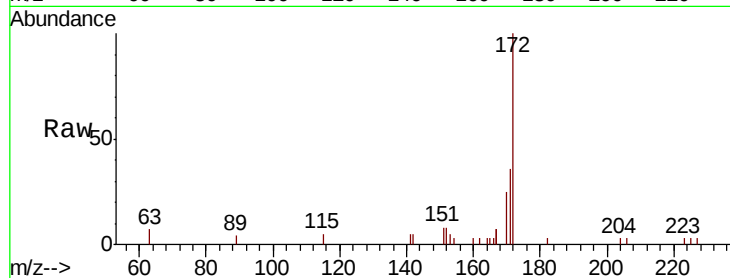
Tot Ion:172 Resp: 6993

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

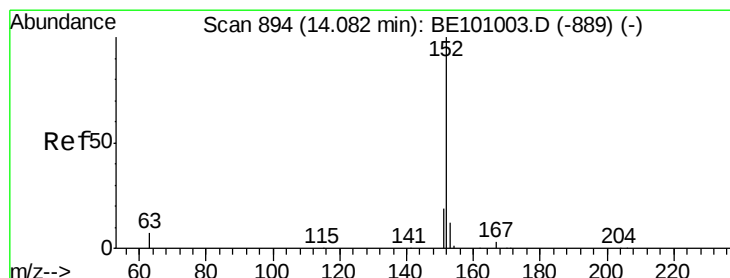
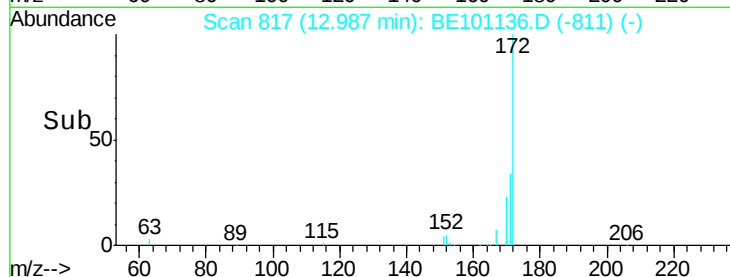
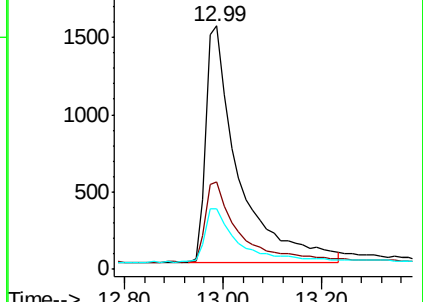
170 25.1 18.9 28.3



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: 0.399 ng

RT: 14.07 min Scan# 892

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

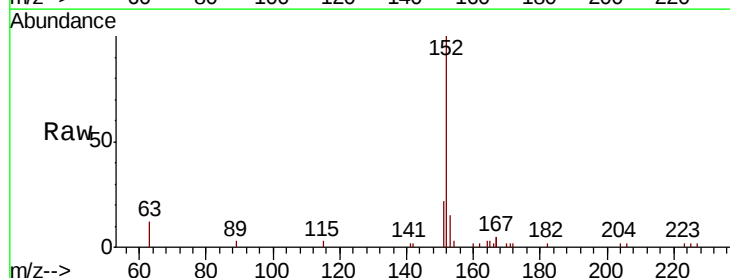
Tgt Ion:152 Resp: 5712

Ion Ratio Lower Upper

152 100

151 20.4 15.5 23.3

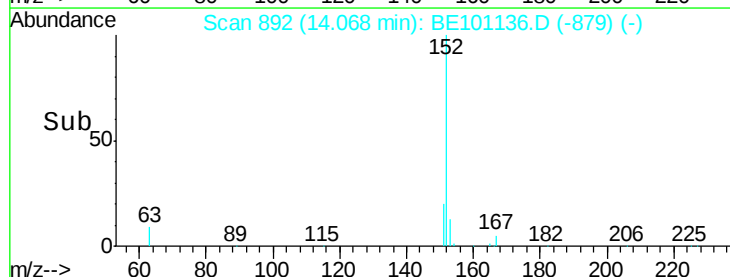
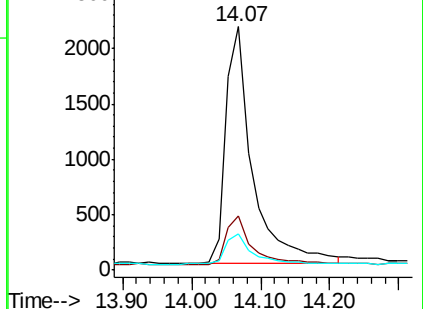
153 13.2 10.4 15.6



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

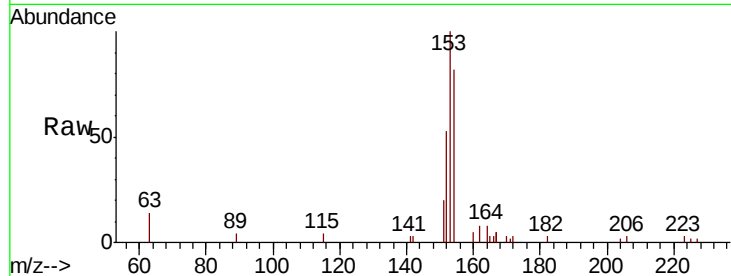




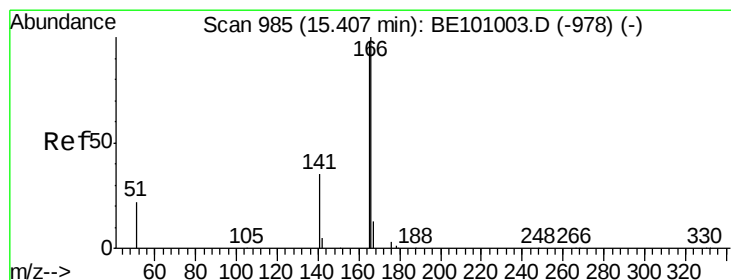
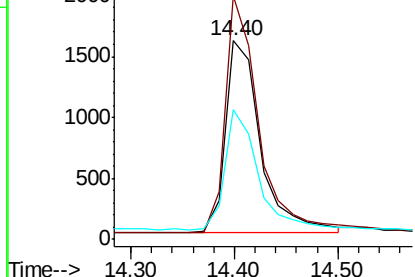
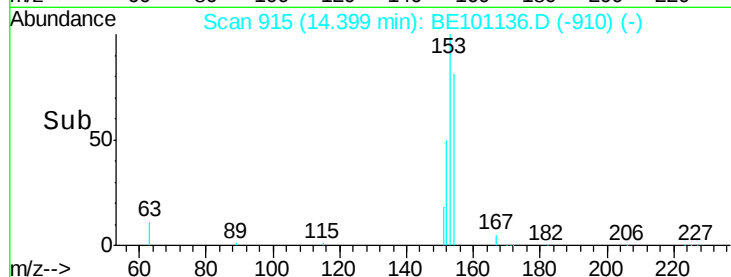
#17
Acenaphthene
Concen: 0.360 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Instrument :
BNA_E
ClientSampleId :
PB126655BS

Tot Ion:154 Resp: 3692
Ion Ratio Lower Upper
154 100
153 117.0 93.6 140.4
152 59.0 46.3 69.5

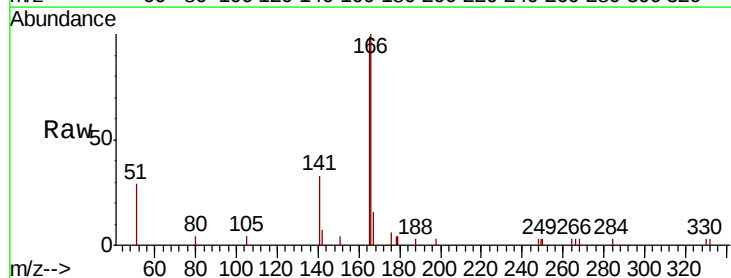


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

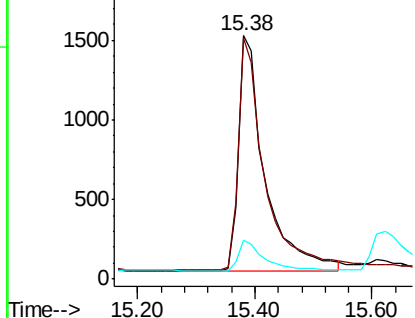
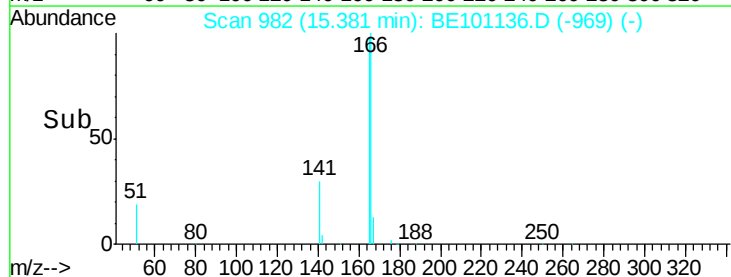


#18
Fluorene
Concen: 0.357 ng
RT: 15.38 min Scan# 982
Delta R.T. -0.03 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:166 Resp: 4623
Ion Ratio Lower Upper
166 100
165 98.0 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: 17.08 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

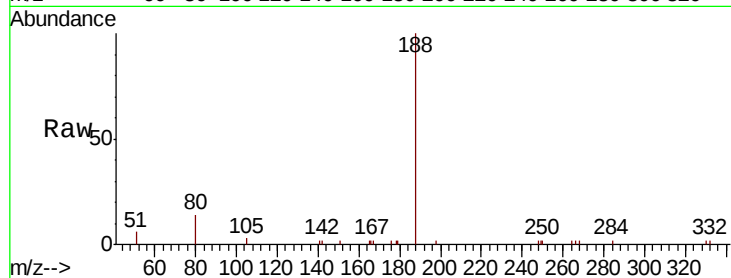
Tot Ion:188 Resp: 7882

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

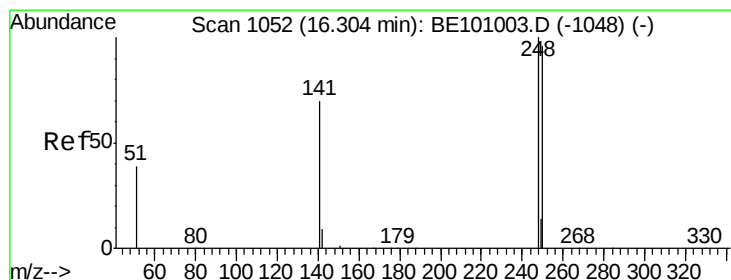
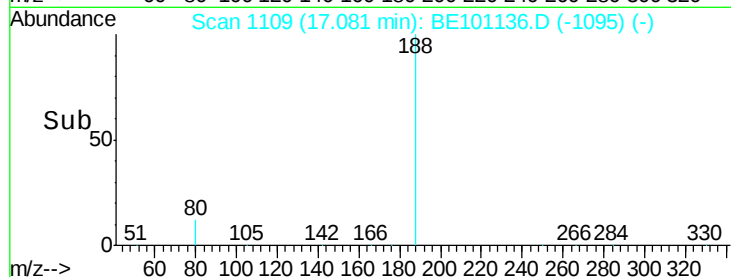
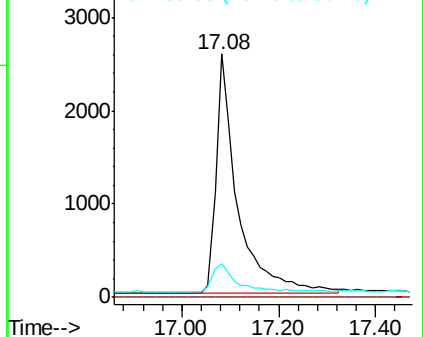
80 14.1 10.8 16.2



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: 0.369 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

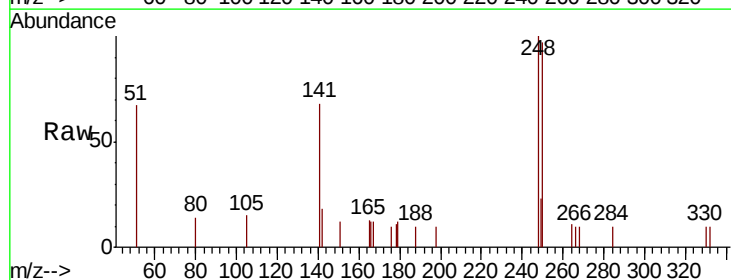
Tgt Ion:248 Resp: 1418

Ion Ratio Lower Upper

248 100

250 97.2 76.6 115.0

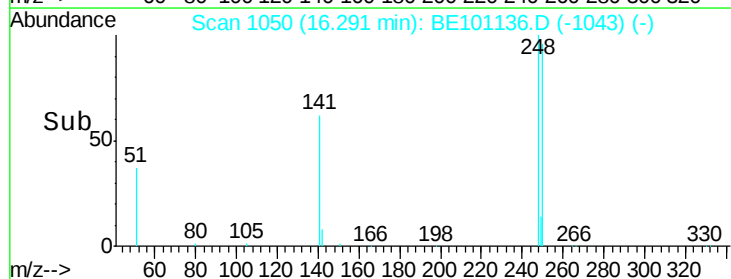
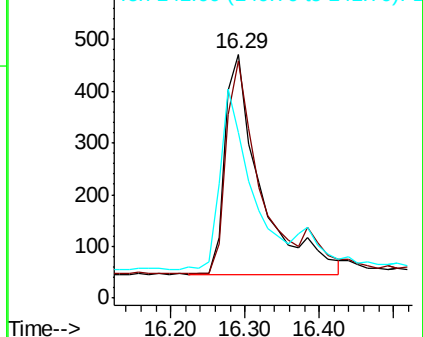
141 68.2 57.7 86.5



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: 0.362 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

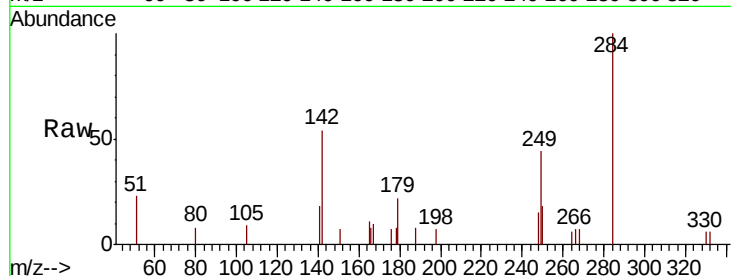
Tot Ion:284 Resp: 1528

Ion Ratio Lower Upper

284 100

142 38.5 34.0 51.0

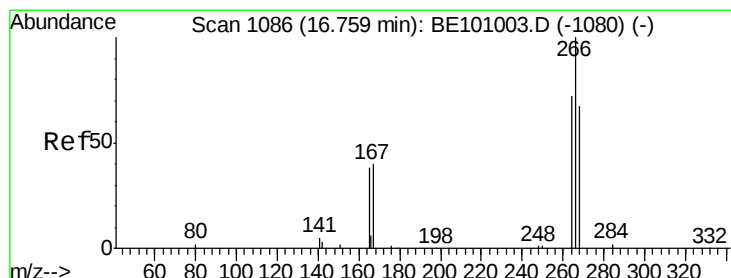
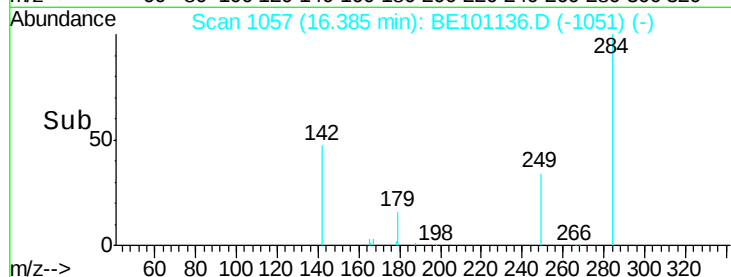
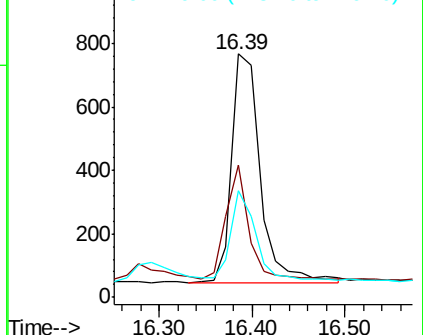
249 34.2 28.2 42.4



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: 0.261 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

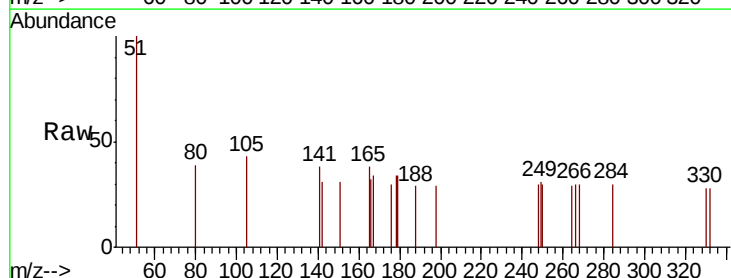
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 96.0 61.0 91.4#

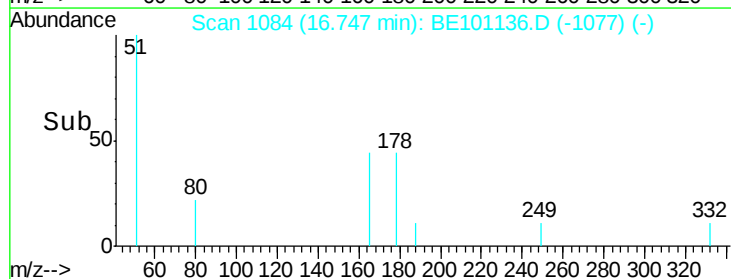
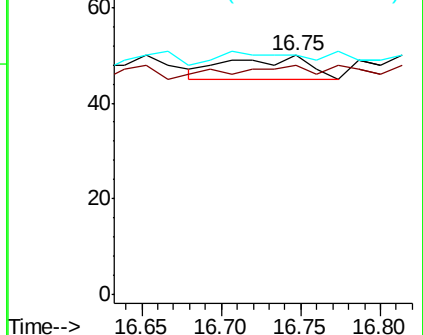
268 100.0 58.5 87.7#



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

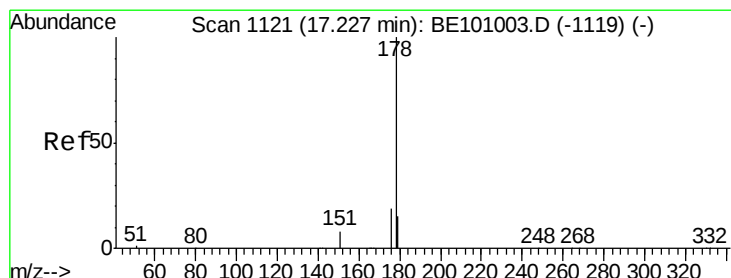
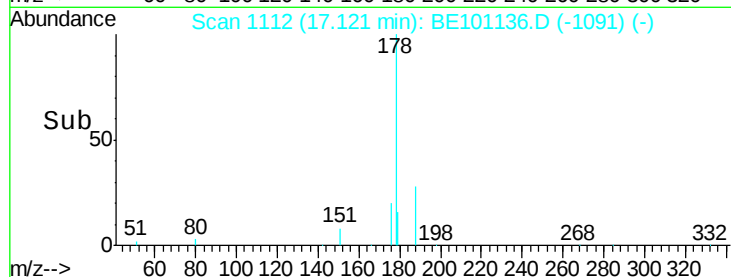
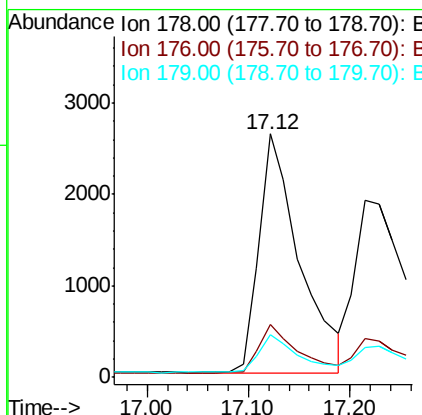
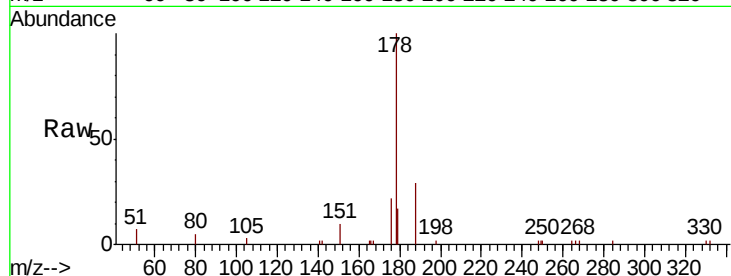




#23
Phenanthrene
Concen: 0.337 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

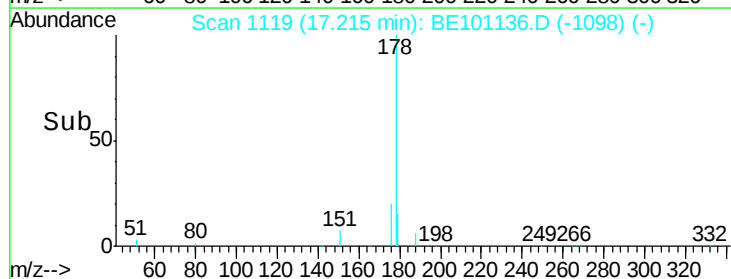
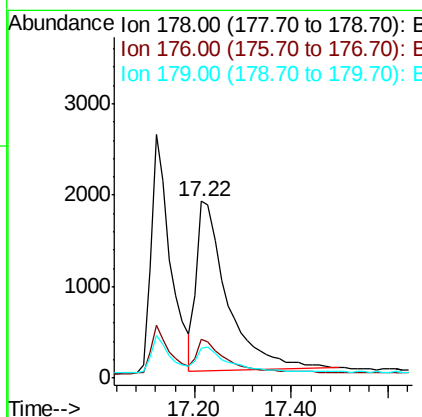
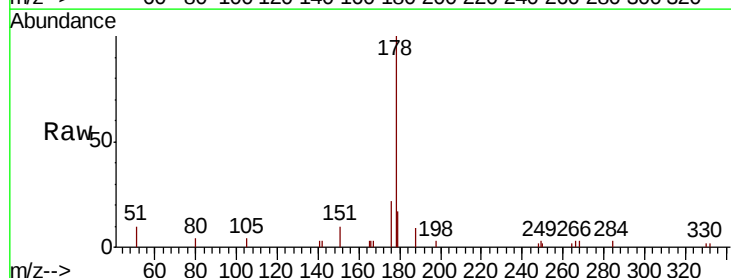
Instrument :
BNA_E
ClientSampleId :
PB126655BS

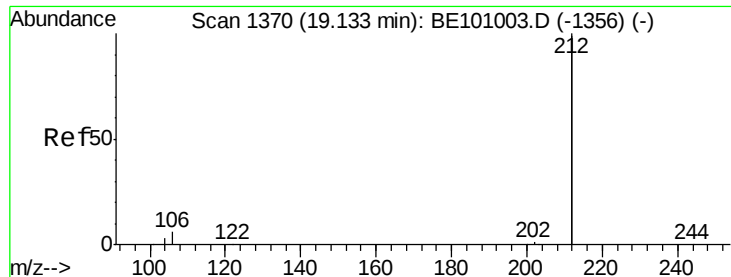
Tot Ion:178 Resp: 7257
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.3 12.0 18.0



#24
Anthracene
Concen: 0.397 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:178 Resp: 8071
Ion Ratio Lower Upper
178 100
176 19.3 14.8 22.2
179 14.9 12.4 18.6





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.11 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

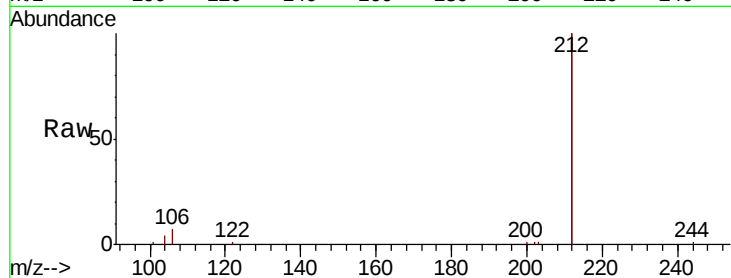
Tot Ion:212 Resp: 40340

Ion Ratio Lower Upper

212 100

106 3.1 2.6 3.8

104 1.8 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

19.11

20000

15000

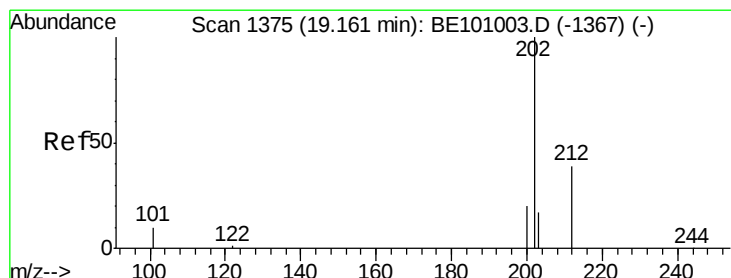
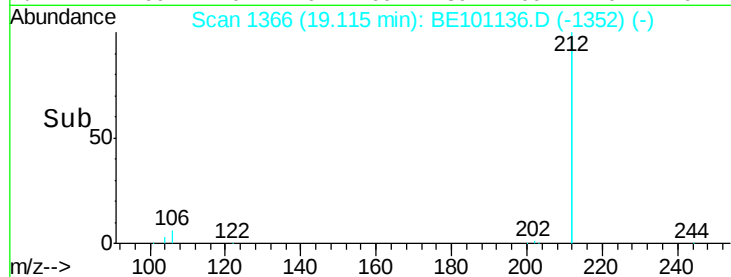
10000

5000

0

Time-->

19.00 19.20 19.40



#26

Fluoranthene

Concen: 0.373 ng

RT: 19.14 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

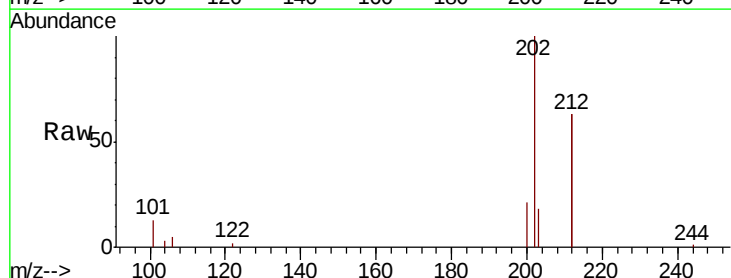
Tgt Ion:202 Resp: 10064

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

203 17.2 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.14

5000

4000

3000

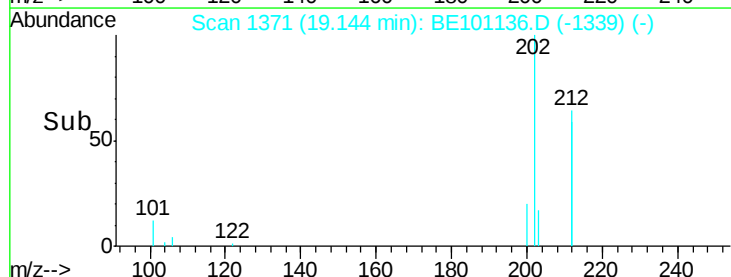
2000

1000

0

Time-->

19.00 19.20

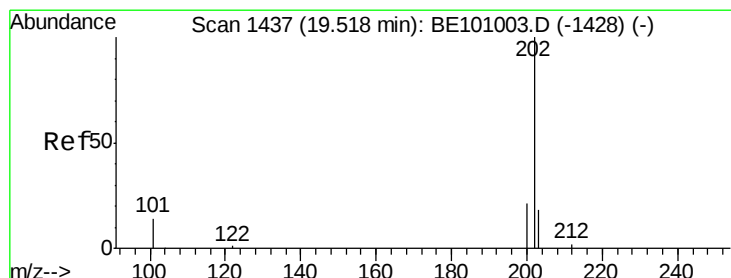
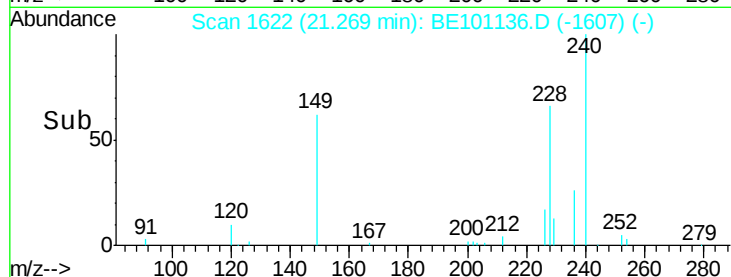
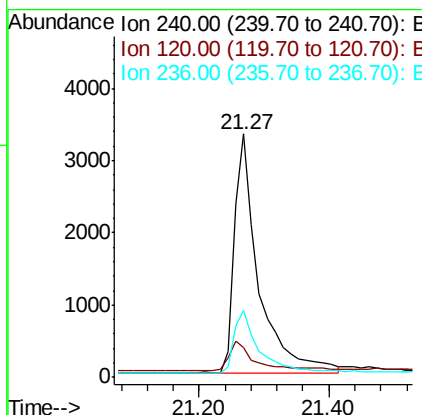
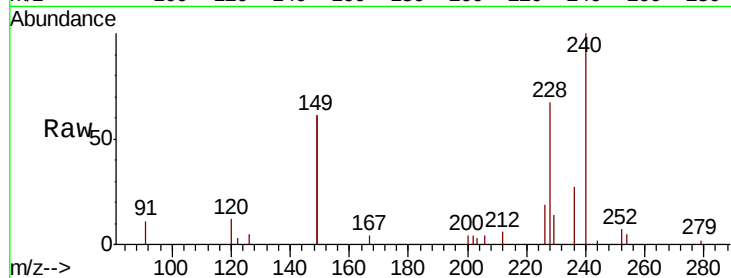




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

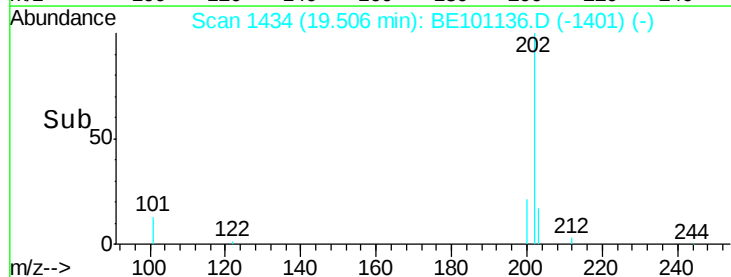
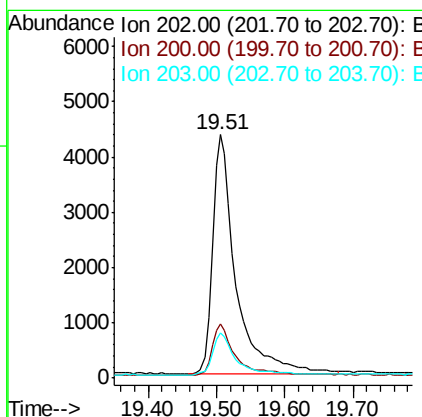
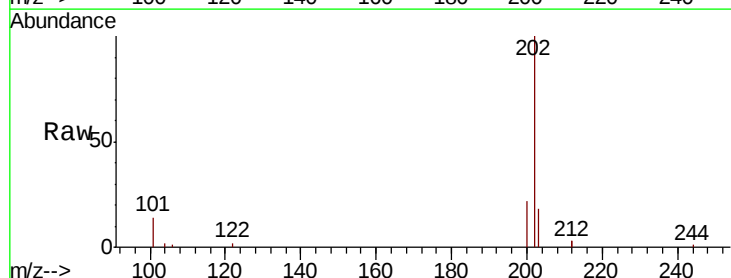
Instrument :
BNA_E
ClientSampleId :
PB126655BS

Tot Ion:240 Resp: 8683
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 27.5 22.2 33.4



#28
Pyrene
Concen: 0.322 ng
RT: 19.51 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:202 Resp: 10394
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 18.0 13.8 20.6





#29

Terphenyl-d14

Concen: 0.461 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

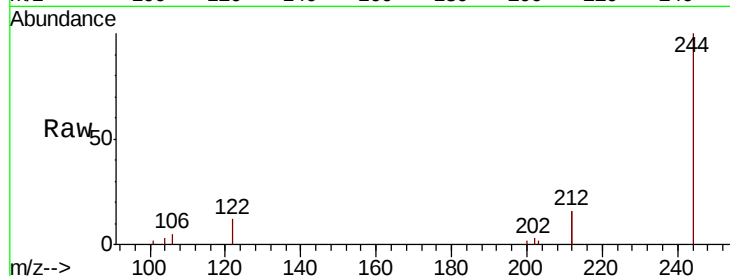
Tot Ion:244 Resp: 9822

Ion Ratio Lower Upper

244 100

212 32.9 27.2 40.8

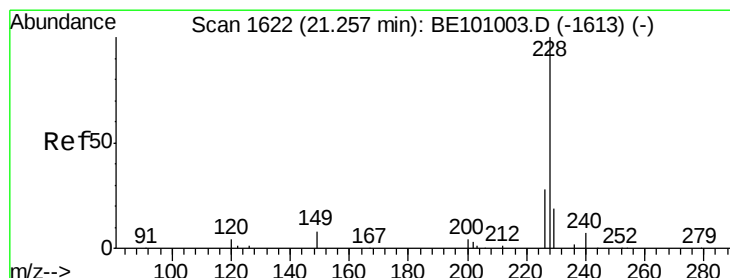
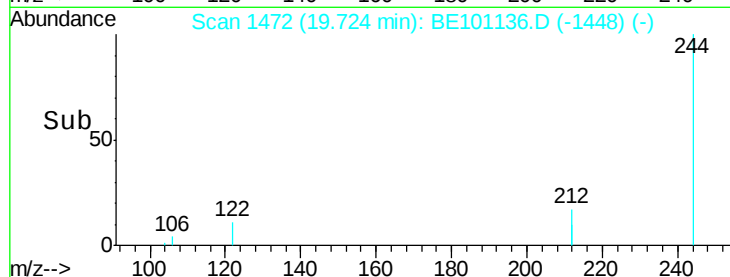
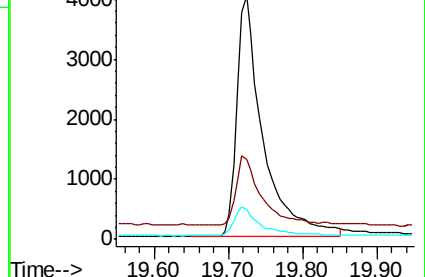
122 12.2 9.8 14.8



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: 0.380 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

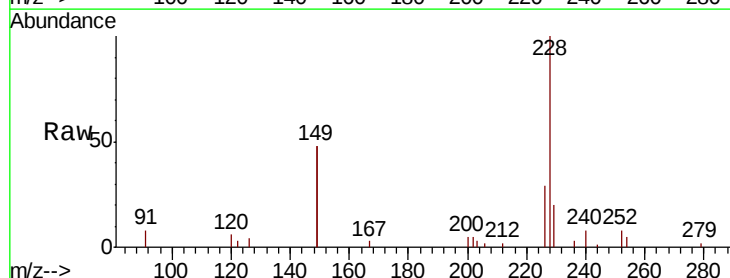
Tgt Ion:228 Resp: 9421

Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

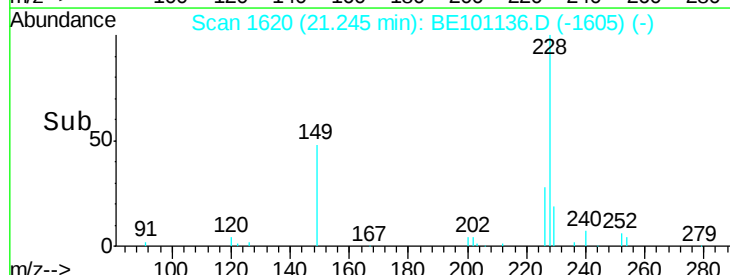
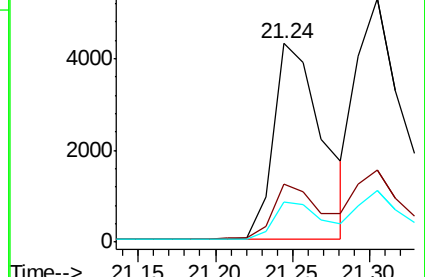
229 20.2 15.5 23.3



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: 0.376 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

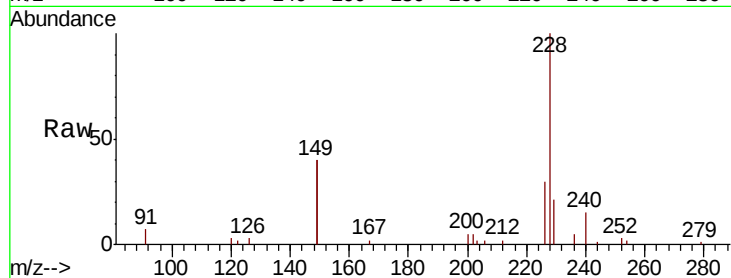
Tot Ion:228 Resp: 13841

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

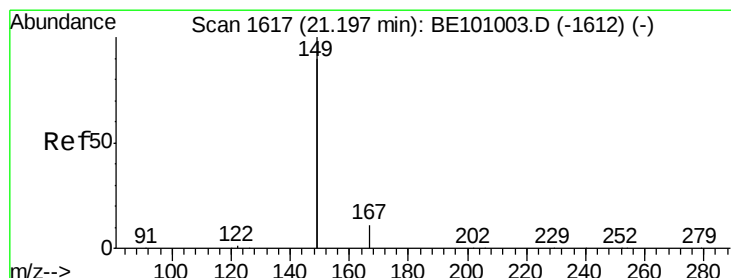
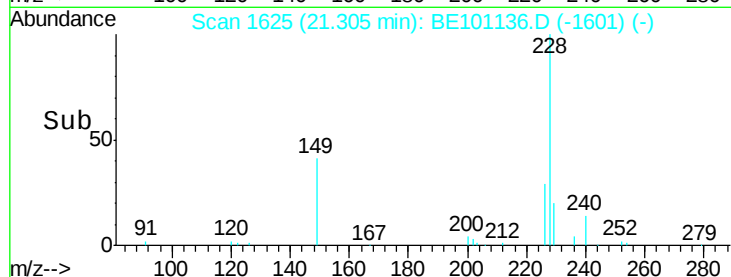
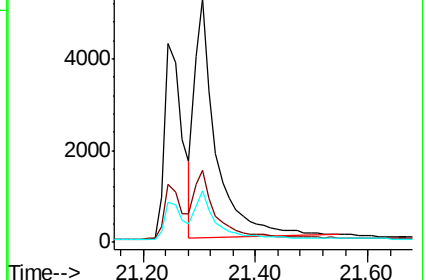
229 21.4 16.7 25.1



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: 0.536 ng

RT: 21.18 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

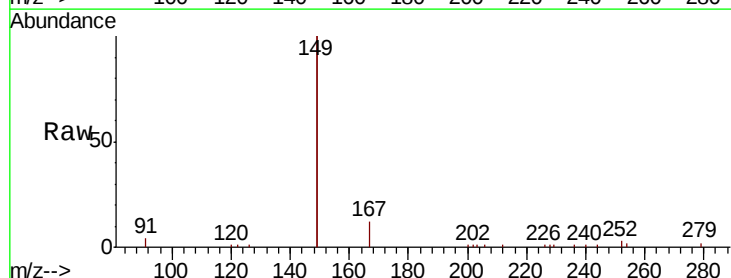
Tgt Ion:149 Resp: 22146

Ion Ratio Lower Upper

149 100

167 6.1 5.2 7.8

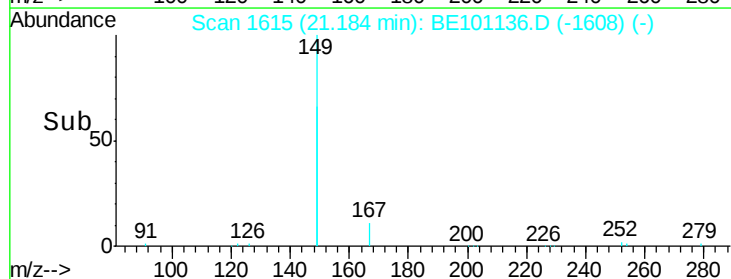
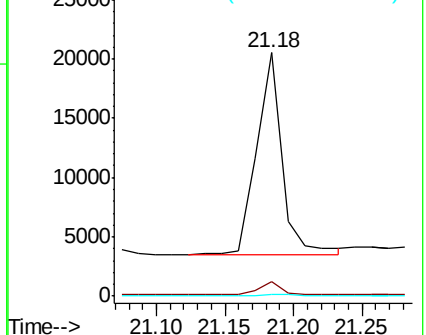
279 0.9 0.8 1.2



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

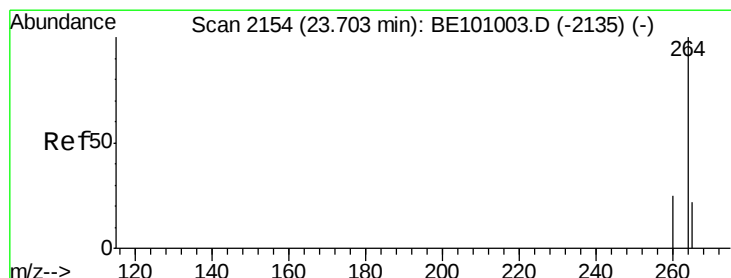
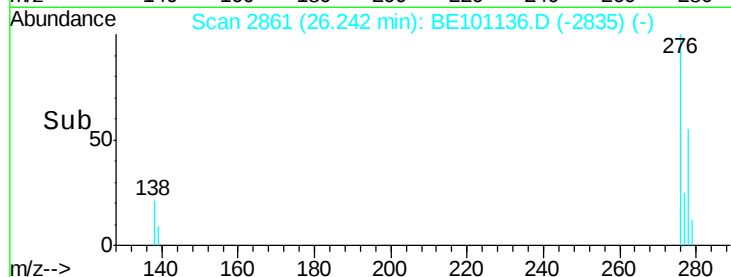
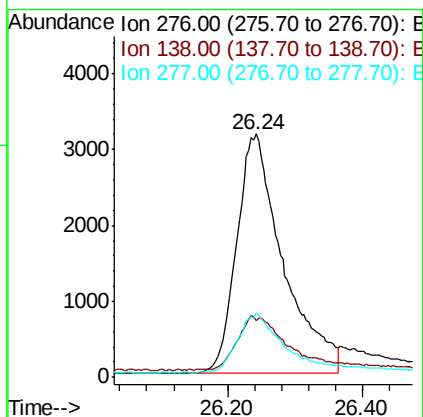
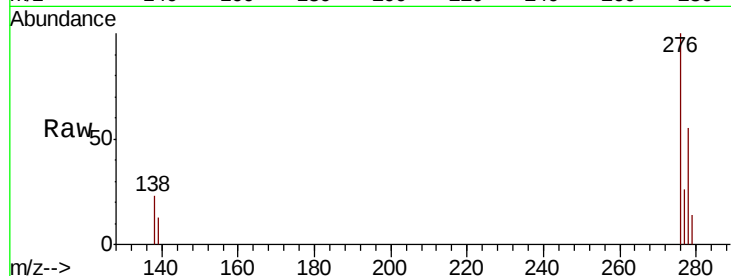




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.517 ng
 RT: 26.24 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE101136.D
 Acq: 7 Feb 2020 13:57

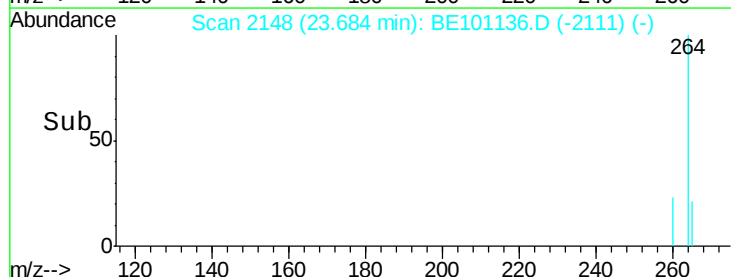
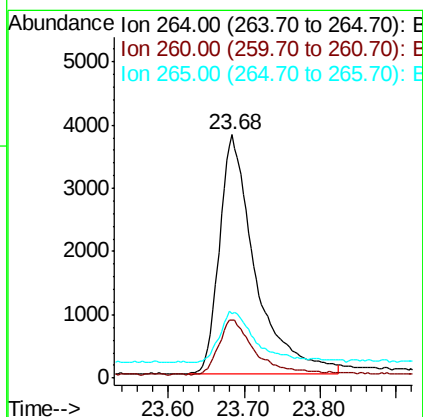
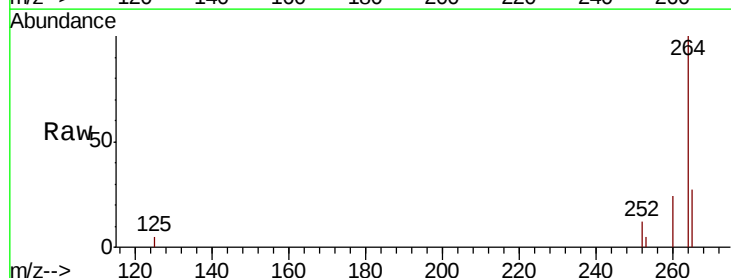
Instrument :
 BNA_E
 ClientSampleId :
 PB126655BS

Tot Ion:276 Resp: 15035
 Ion Ratio Lower Upper
 276 100
 138 9.3 16.1 24.1#
 277 25.3 18.1 27.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.68 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BE101136.D
 Acq: 7 Feb 2020 13:57

Tgt Ion:264 Resp: 12328
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.3 30.5
 265 26.7 27.0 40.4#

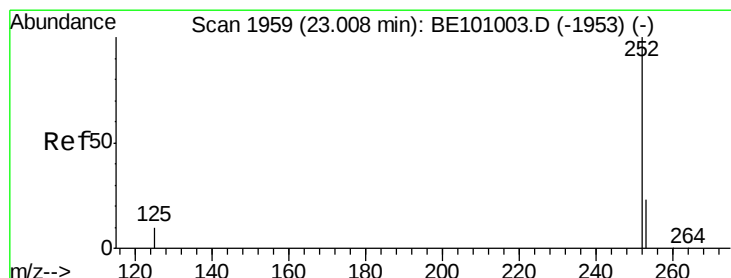
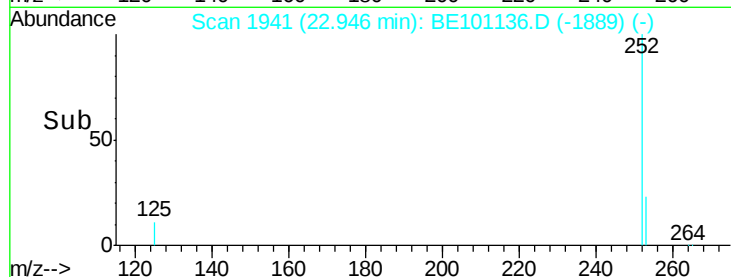
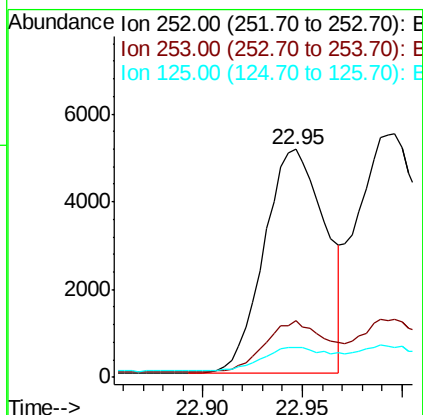
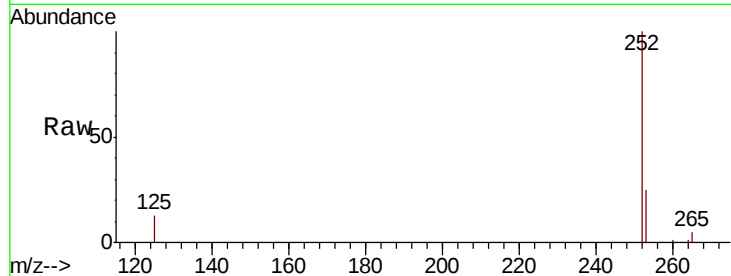




#35
Benzo(b)fluoranthene
Concen: 0.315 ng
RT: 22.95 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

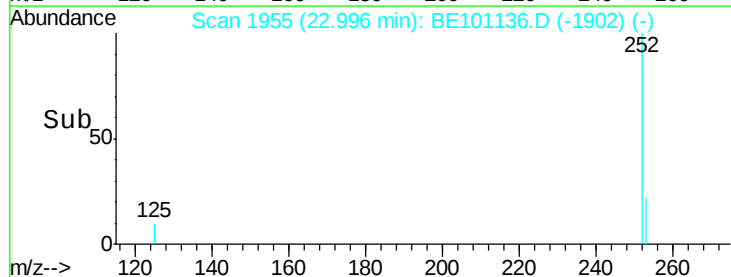
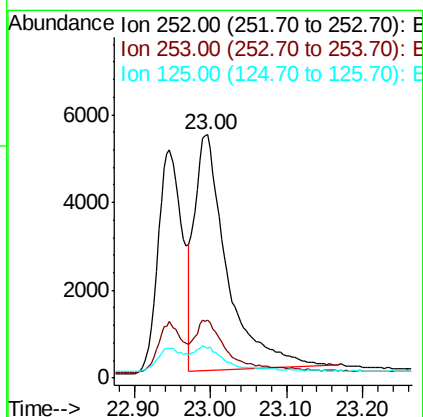
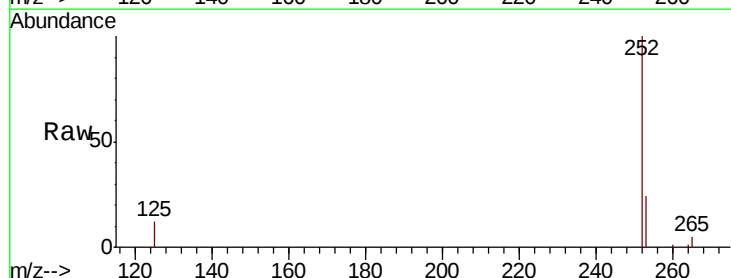
Instrument :
BNA_E
ClientSampleId :
PB126655BS

Tot Ion:252 Resp: 10891
Ion Ratio Lower Upper
252 100
253 24.8 18.5 27.7
125 13.1 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 0.321 ng
RT: 23.00 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE101136.D
Acq: 7 Feb 2020 13:57

Tgt Ion:252 Resp: 16072
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 12.4 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.58 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

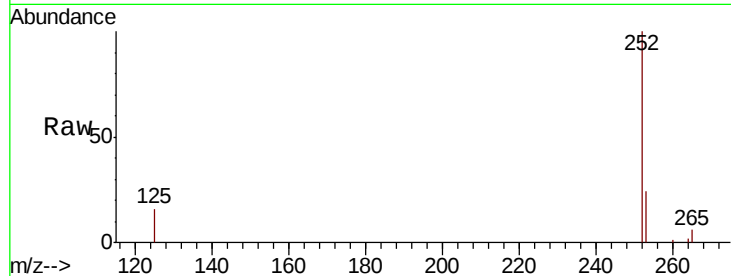
Tot Ion:252 Resp: 13510

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.2

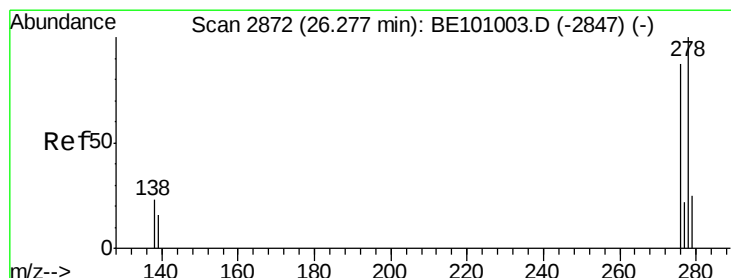
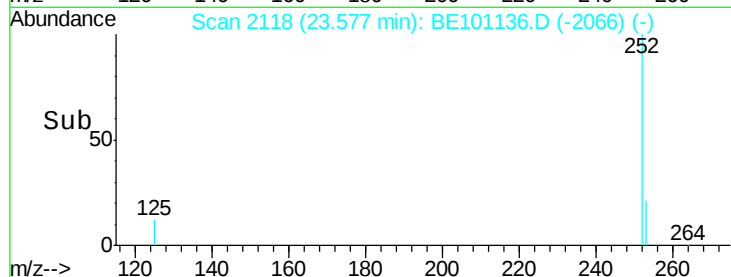
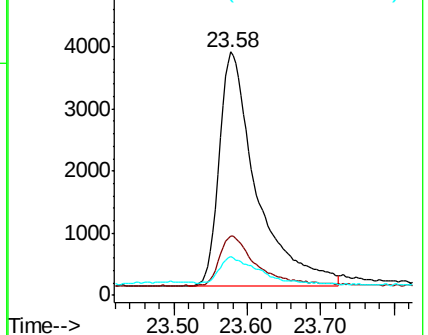
125 16.0 11.8 17.6



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: 0.404 ng

RT: 26.26 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

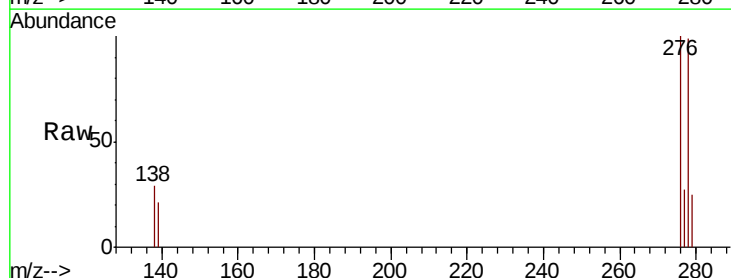
Tgt Ion:278 Resp: 12412

Ion Ratio Lower Upper

278 100

139 21.2 15.0 22.4

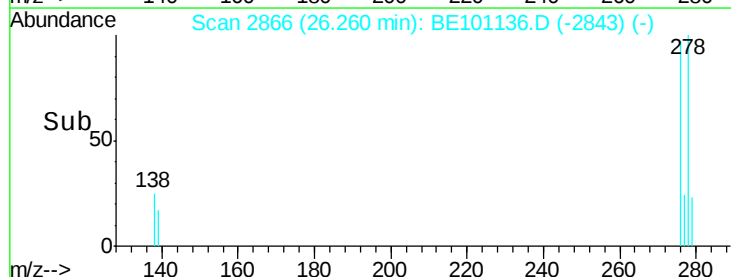
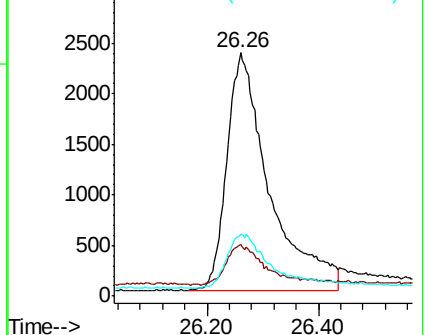
279 25.4 22.6 33.8

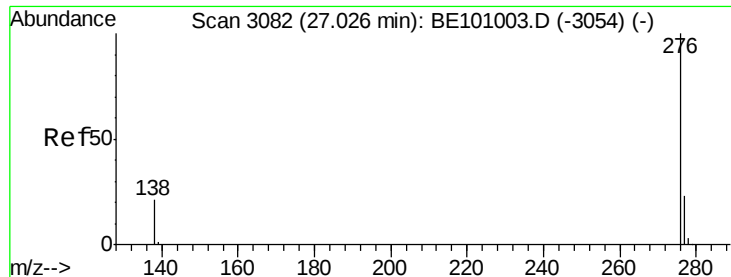


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 27.01 min Scan# 3076

Delta R.T. -0.02 min

Lab File: BE101136.D

Acq: 7 Feb 2020 13:57

Instrument :

BNA_E

ClientSampleId :

PB126655BS

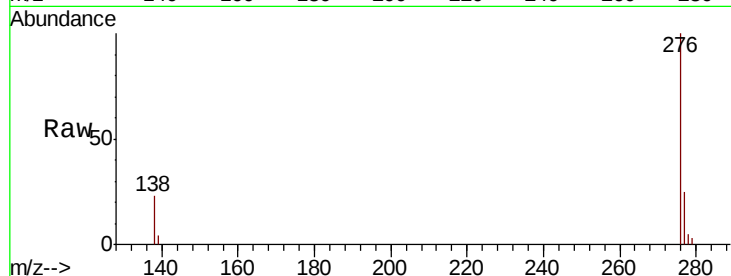
Tot Ion:276 Resp: 14479

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.2

138 23.3 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

