

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012120\
 Data File : BE101104.D
 Acq On : 21 Jan 2020 9:36
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 22 07:55:16 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	2234	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	9935	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7063	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	17492	0.40	ng	0.00
27) Chrysene-d12	21.27	240	19020	0.40	ng	-0.01
34) Perylene-d12	23.69	264	17449	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2068	0.41	ng	-0.01
5) Phenol-d6	6.91	99	2212	0.35	ng	-0.01
8) Nitrobenzene-d5	8.87	82	2474	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	7678	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	584	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	9426	0.35	ng	0.00
25) Fluoranthene-d10	19.13	212	105009	0.43	ng	0.00
29) Terphenyl-d14	19.73	244	17671	0.38	ng	0.00

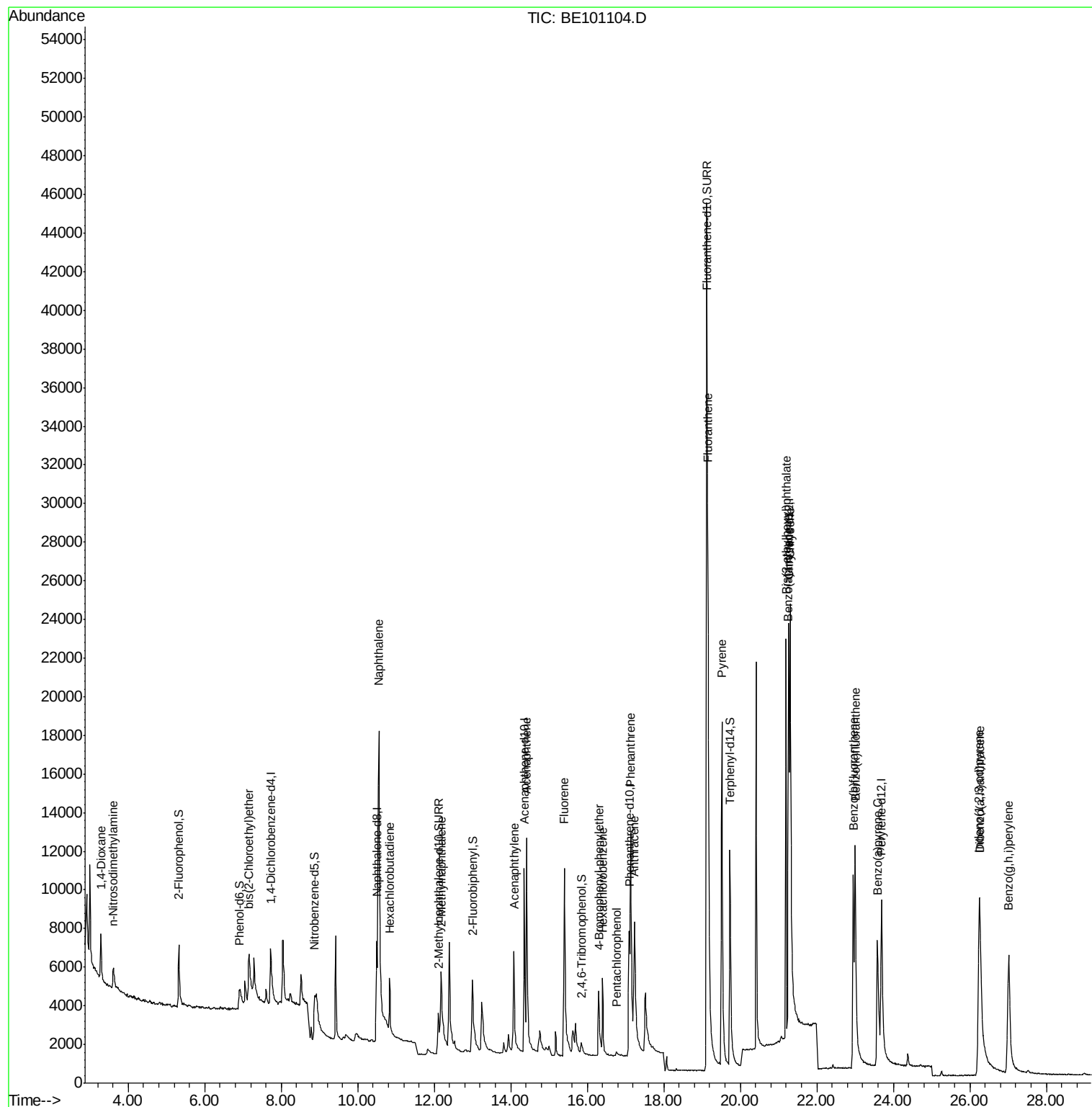
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	1958	0.347	ng	90
3) n-Nitrosodimethylamine	3.60	42	1041	0.335	ng	# 93
6) bis(2-Chloroethyl)ether	7.16	93	2356	0.311	ng	# 92
9) Naphthalene	10.55	128	43139	0.391	ng	99
10) Hexachlorobutadiene	10.84	225	1998	0.428	ng	97
12) 2-Methylnaphthalene	12.18	142	6133	0.368	ng	97
16) Acenaphthylene	14.08	152	10391	0.361	ng	99
17) Acenaphthene	14.41	154	7564	0.367	ng	99
18) Fluorene	15.39	166	10008	0.385	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	3235	0.379	ng	99
21) Hexachlorobenzene	16.40	284	3348	0.358	ng	98
22) Pentachlorophenol	16.76	266	292	0.339	ng	98
23) Phenanthrene	17.13	178	17334	0.363	ng	100
24) Anthracene	17.23	178	17125	0.380	ng	99
26) Fluoranthene	19.16	202	25452	0.425	ng	99
28) Pyrene	19.52	202	26361	0.372	ng	99
30) Benzo(a)anthracene	21.26	228	18689	0.344	ng	98
31) Chrysene	21.31	228	32358	0.401	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	26222	0.290	ng	100
33) Indeno(1,2,3-cd)pyrene	26.24	276	21808	0.342	ng	96
35) Benzo(b)fluoranthene	22.95	252	16130	0.330	ng	100
36) Benzo(k)fluoranthene	23.00	252	23755	0.335	ng	99
37) Benzo(a)pyrene	23.59	252	17850	0.377	ng	98
38) Dibenzo(a,h)anthracene	26.26	278	16530	0.380	ng	97
39) Benzo(g,h,i)perylene	27.01	276	19658	0.367	ng	97

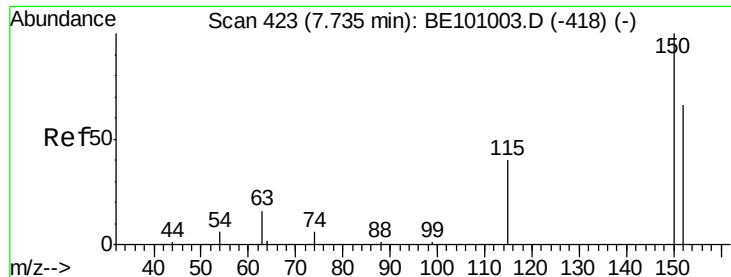
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

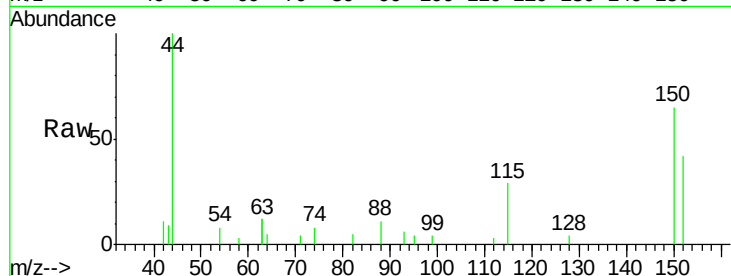
Tot Ion:152 Resp: 2234

Ion Ratio Lower Upper

152 100

150 152.6 120.3 180.5

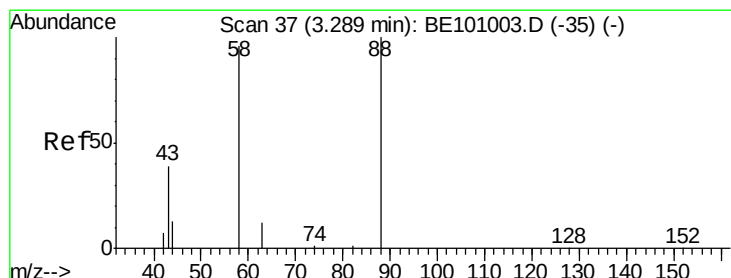
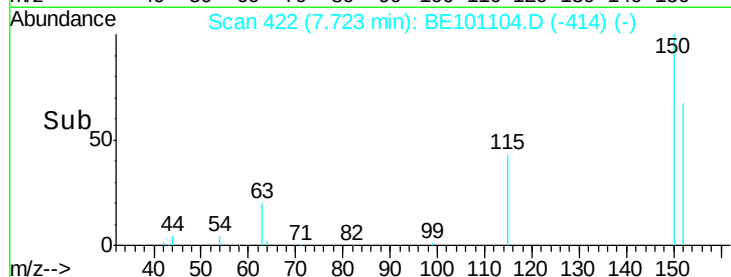
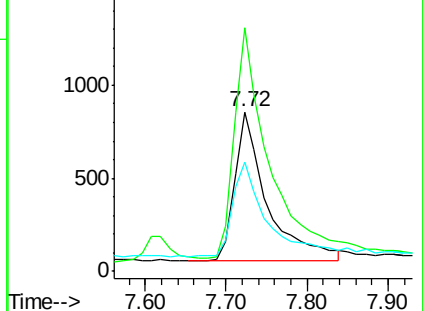
115 68.5 51.7 77.5



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: 0.347 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

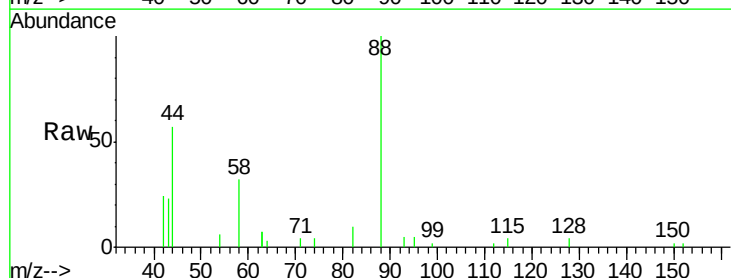
Tgt Ion: 88 Resp: 1958

Ion Ratio Lower Upper

88 100

58 76.5 53.0 79.4

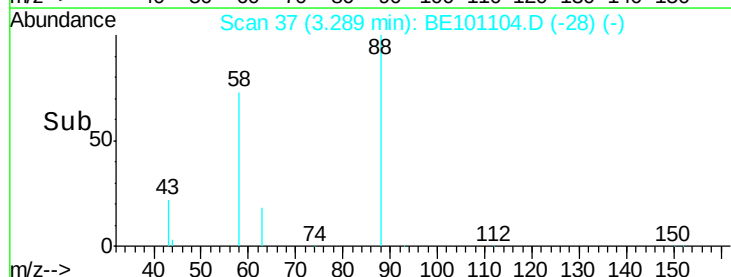
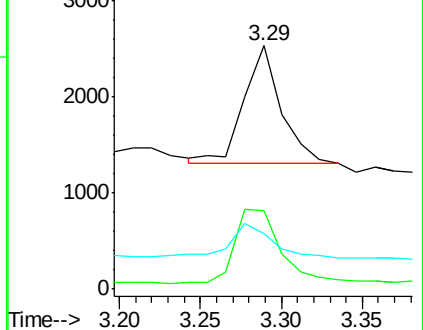
43 31.9 23.4 35.2

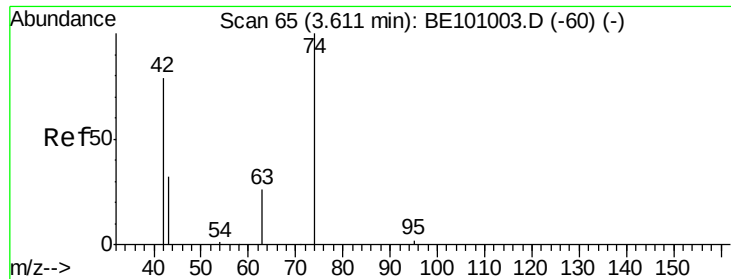


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.335 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

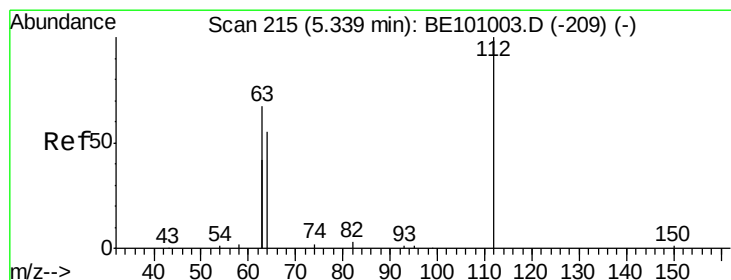
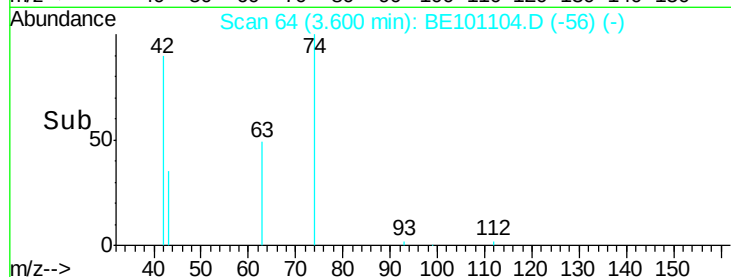
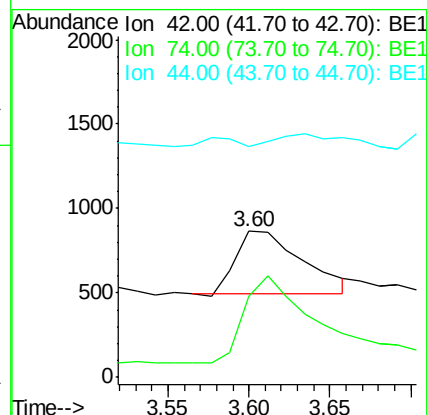
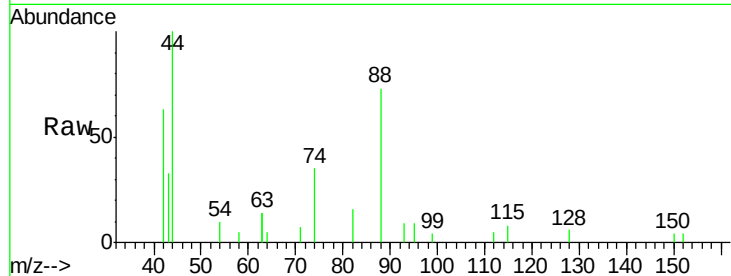
Tot Ion: 42 Resp: 1041

Ion Ratio Lower Upper

42 100

74 138.1 105.7 158.5

44 0.0 10.0 15.0#



#4

2-Fluorophenol

Concen: 0.411 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

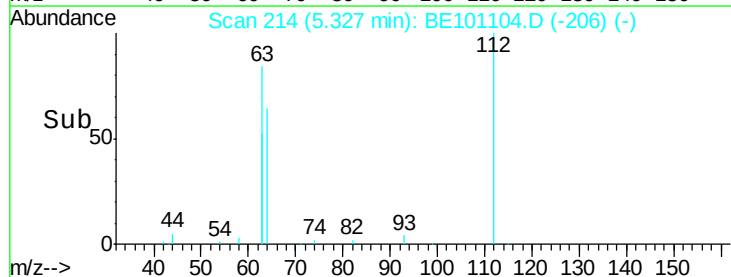
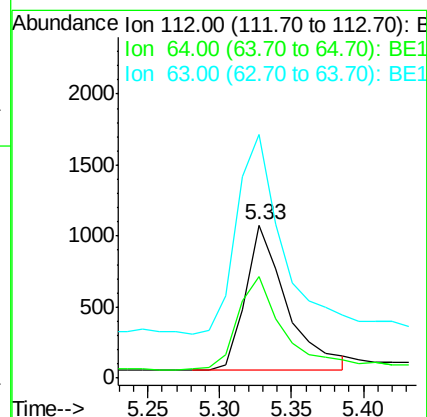
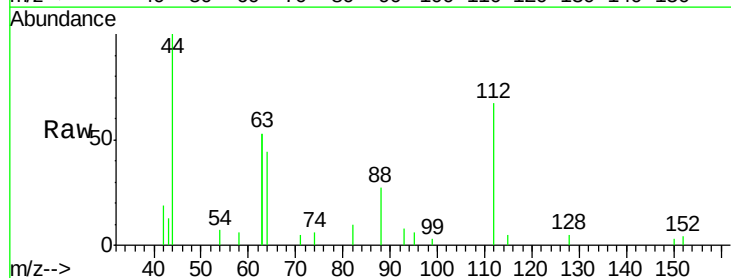
Tgt Ion: 112 Resp: 2068

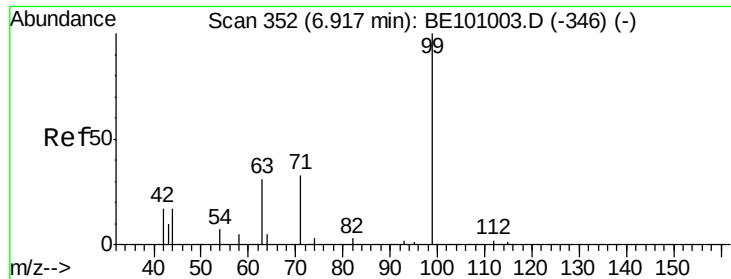
Ion Ratio Lower Upper

112 100

64 70.2 53.6 80.4

63 150.0 114.6 172.0





#5

Phenol-d6

Concen: 0.348 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

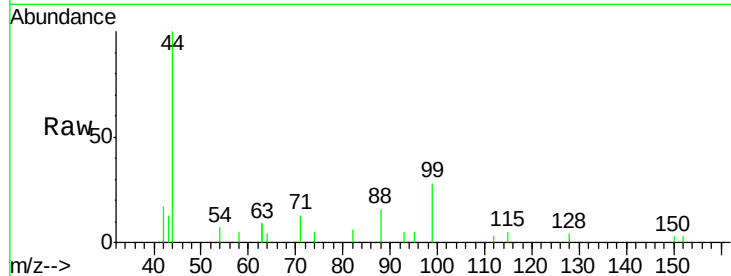
Tot Ion: 99 Resp: 2212

Ion Ratio Lower Upper

99 100

42 23.1 18.3 27.5

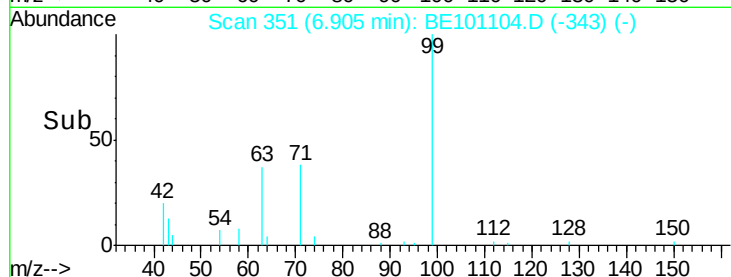
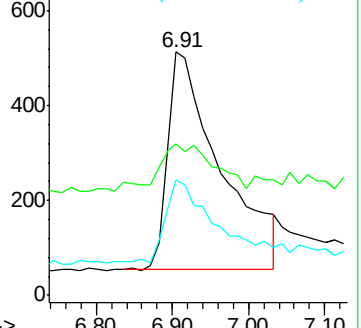
71 36.2 28.0 42.0



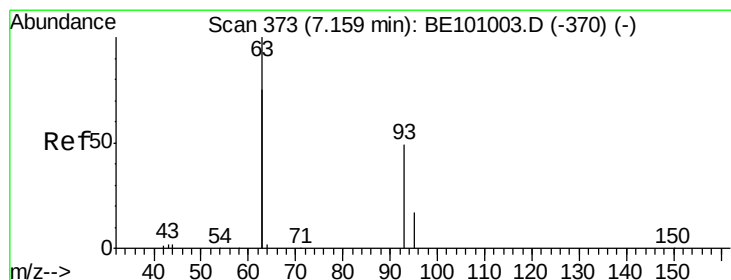
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.311 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

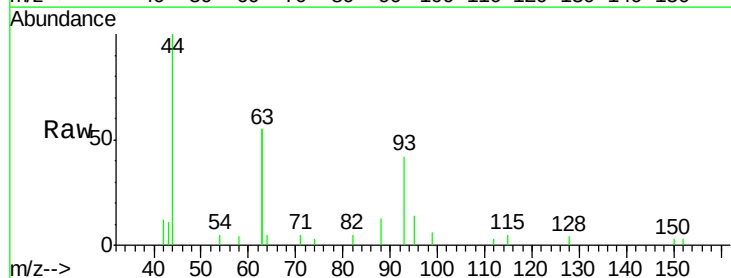
Tgt Ion: 93 Resp: 2356

Ion Ratio Lower Upper

93 100

63 306.2 233.9 350.9

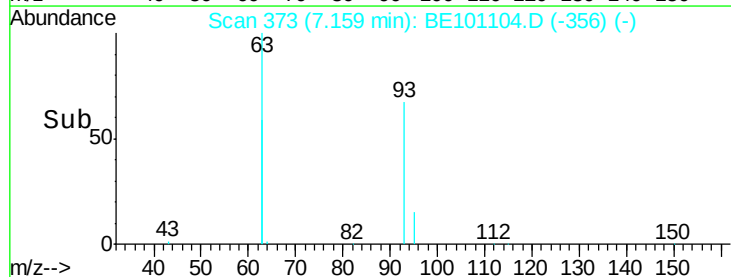
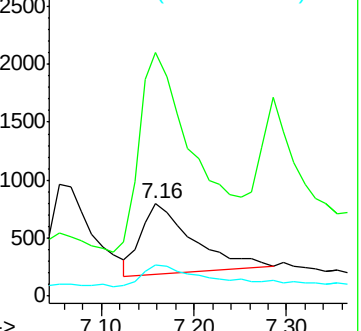
95 37.6 23.5 35.3#

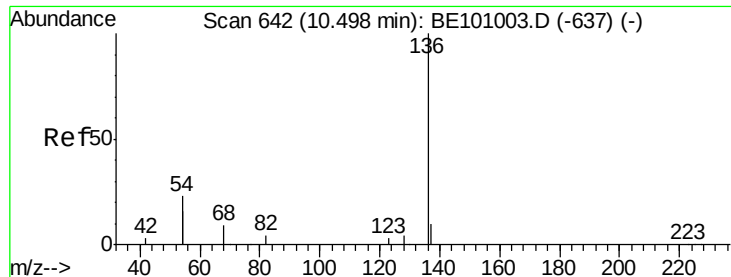


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 9935

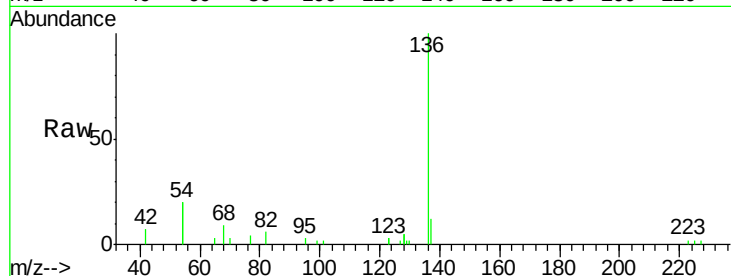
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 40.2 36.8 55.2

68 9.3 8.4 12.6

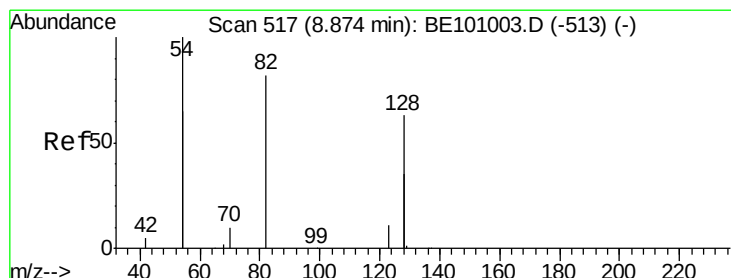
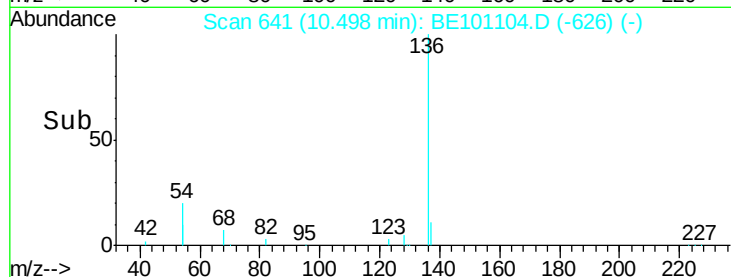
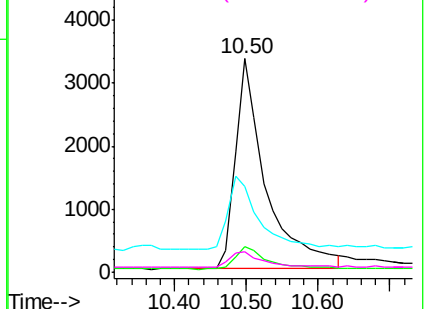


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.348 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

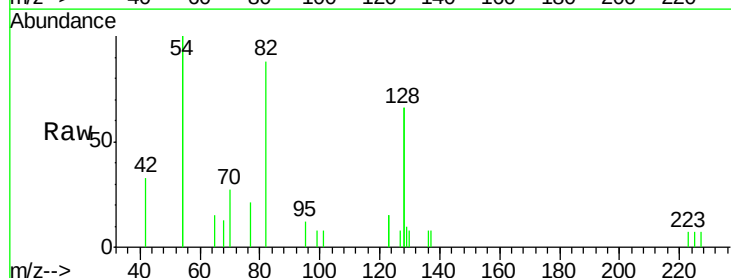
Tgt Ion: 82 Resp: 2474

Ion Ratio Lower Upper

82 100

128 150.7 109.8 164.6

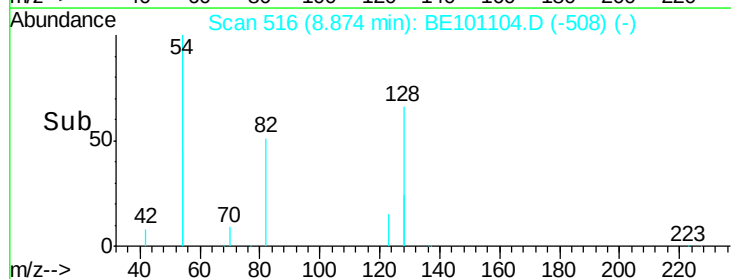
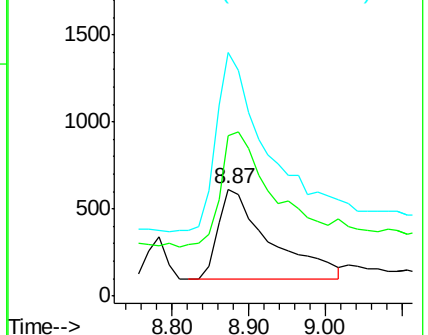
54 228.1 174.5 261.7

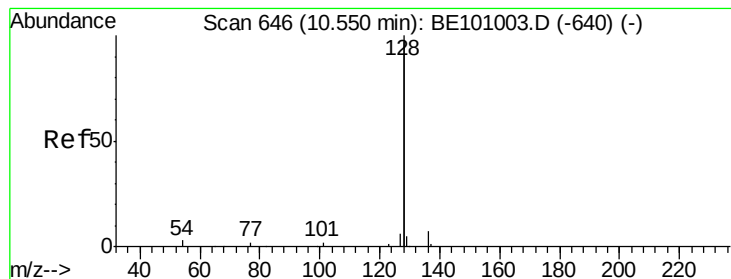


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.391 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

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ClientSampleId :

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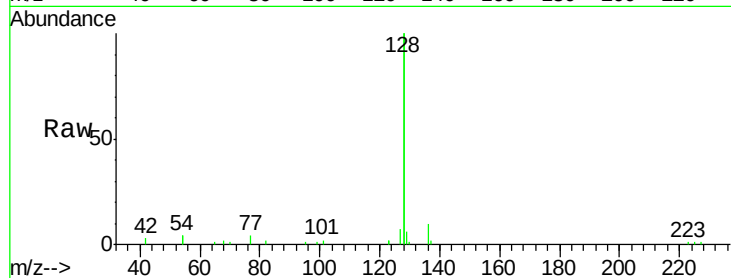
Tot Ion:128 Resp: 43139

Ion Ratio Lower Upper

128 100

129 3.2 2.3 3.5

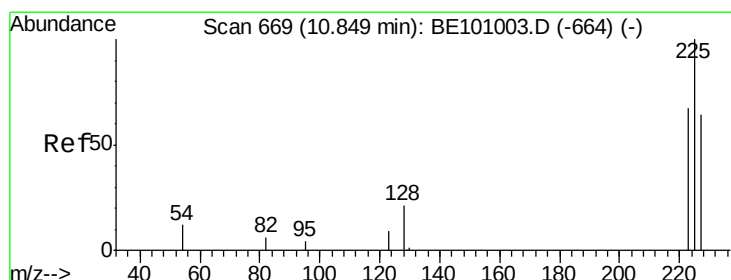
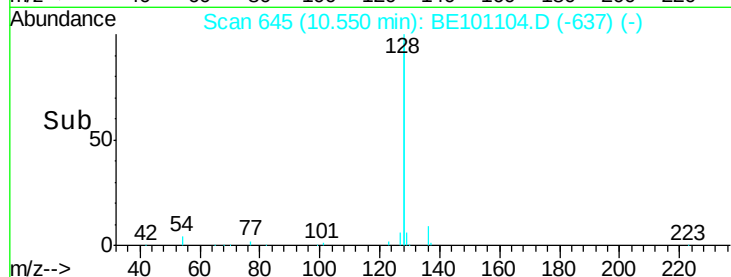
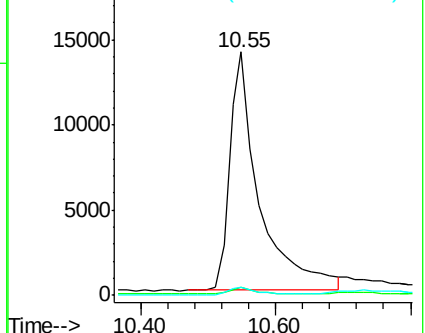
127 3.3 2.7 4.1



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: 0.428 ng

RT: 10.84 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

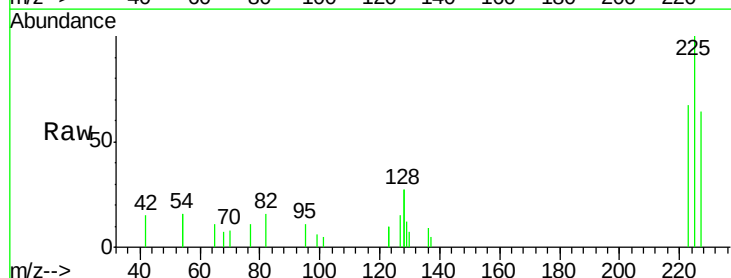
Tgt Ion:225 Resp: 1998

Ion Ratio Lower Upper

225 100

223 62.1 52.2 78.4

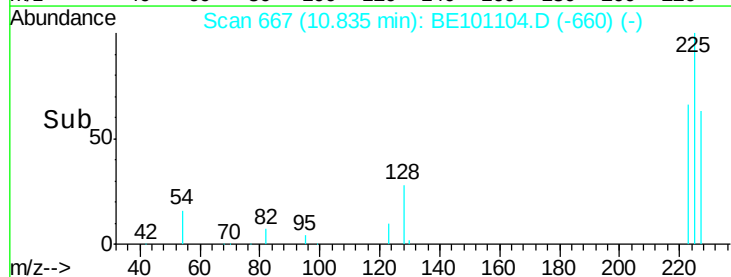
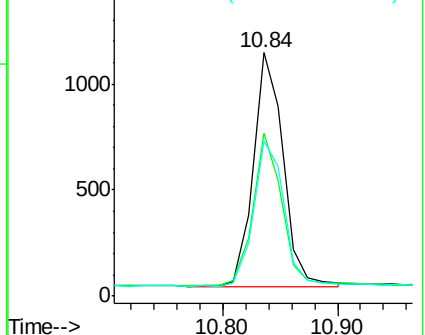
227 63.8 49.9 74.9

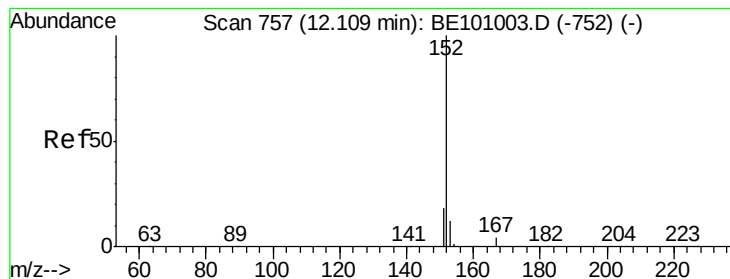


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.11 min Scan# 756

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

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ClientSampleId :

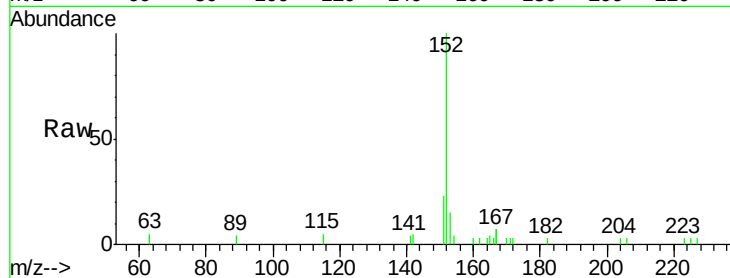
SSTDCCC0.4

Tot Ion:152 Resp: 7678

Ion Ratio Lower Upper

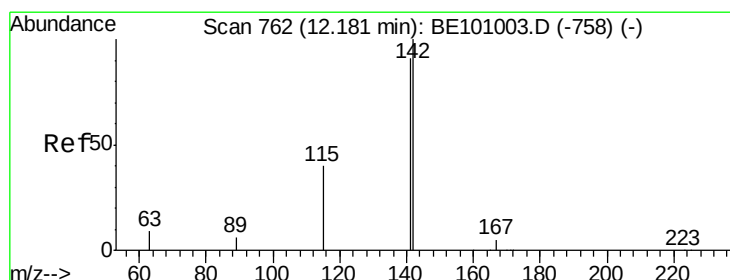
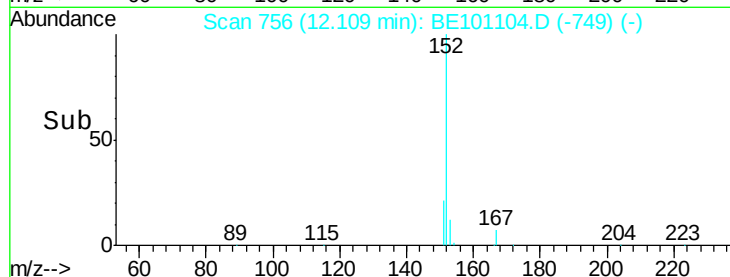
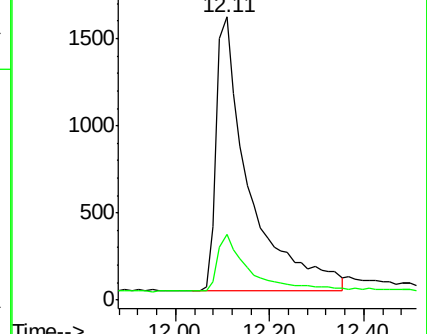
152 100

151 19.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 12.18 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

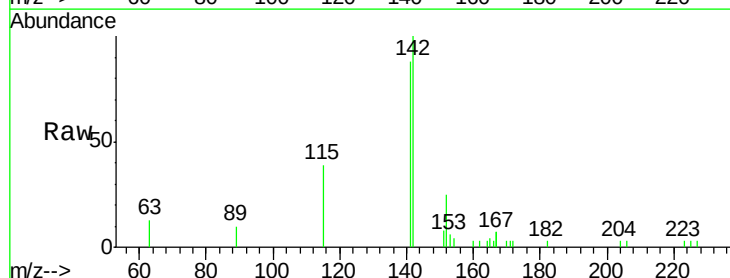
Tgt Ion:142 Resp: 6133

Ion Ratio Lower Upper

142 100

141 88.2 72.5 108.7

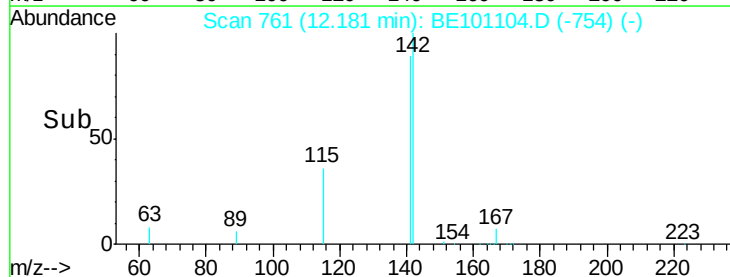
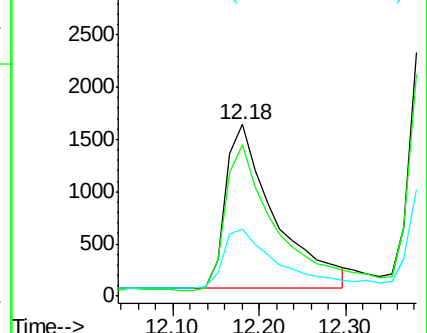
115 38.7 33.0 49.6

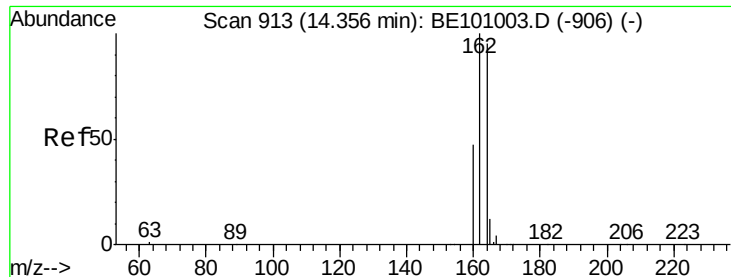


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

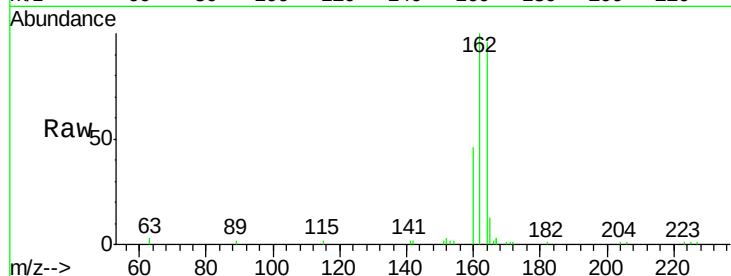
Tot Ion:164 Resp: 7063

Ion Ratio Lower Upper

164 100

162 104.6 84.1 126.1

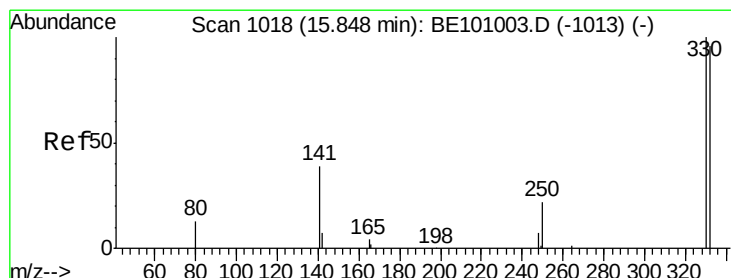
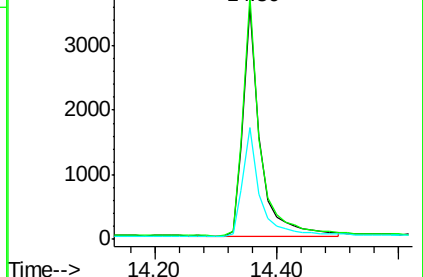
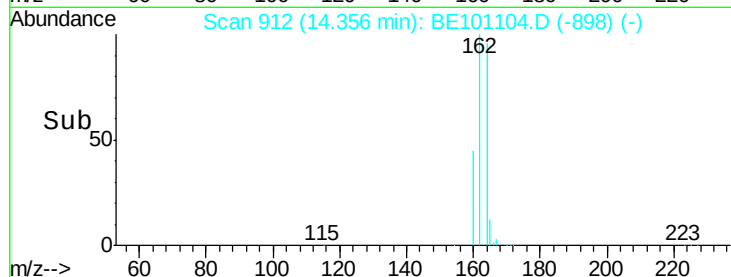
160 48.0 40.4 60.6



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: 0.293 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

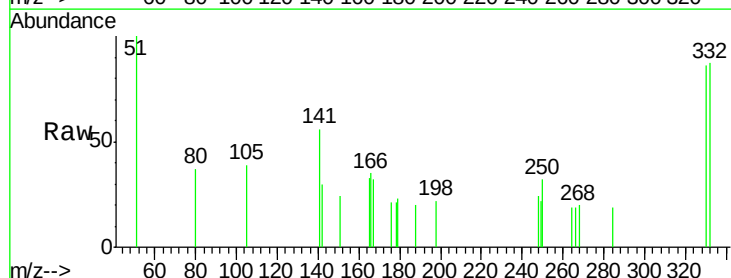
Tgt Ion:330 Resp: 584

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

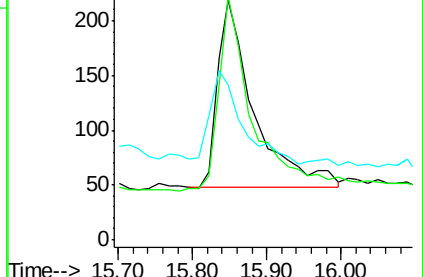
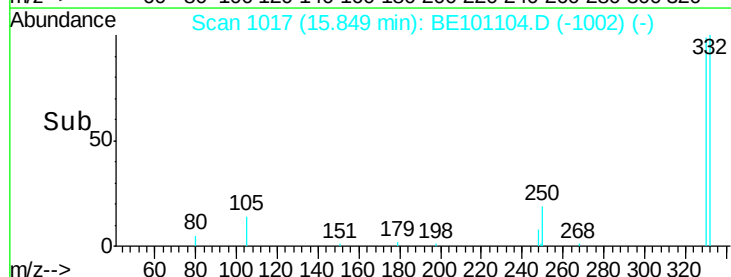
141 44.5 37.0 55.4

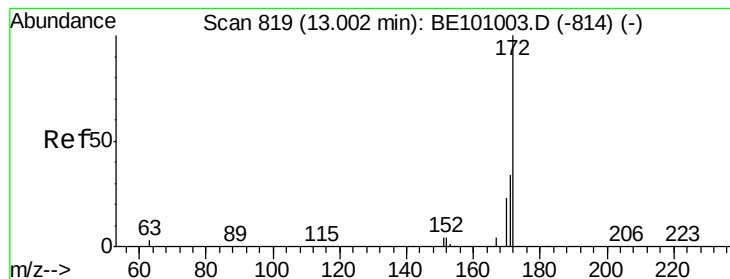


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.351 ng

RT: 13.00 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

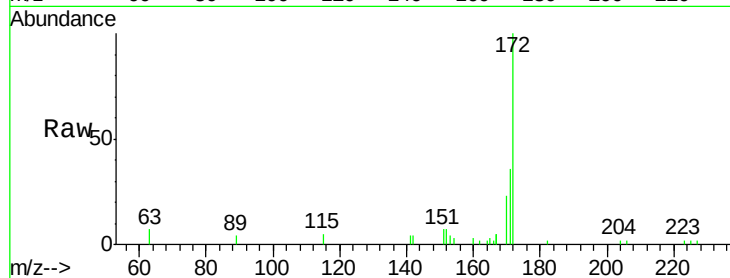
Tot Ion:172 Resp: 9426

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

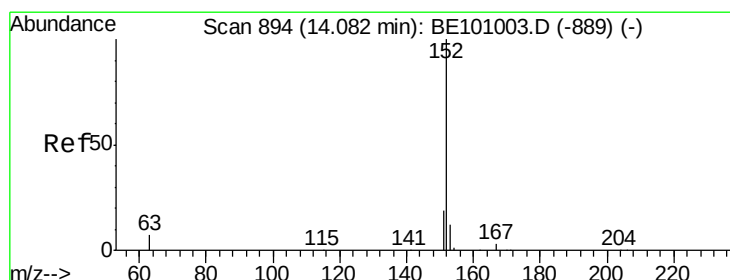
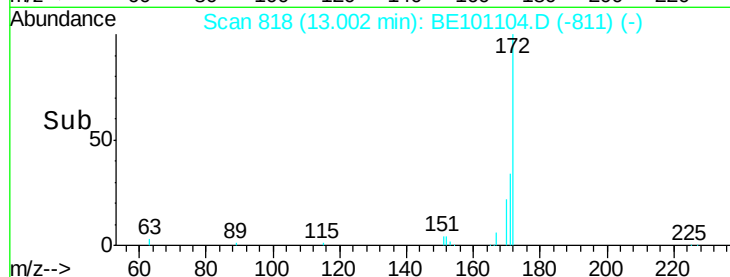
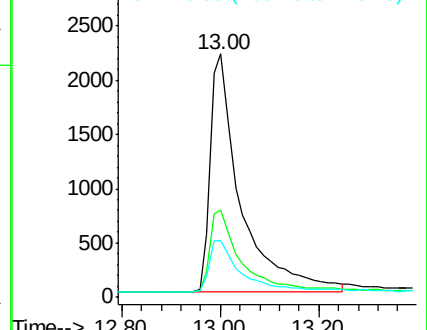
170 23.4 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.361 ng

RT: 14.08 min Scan# 893

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

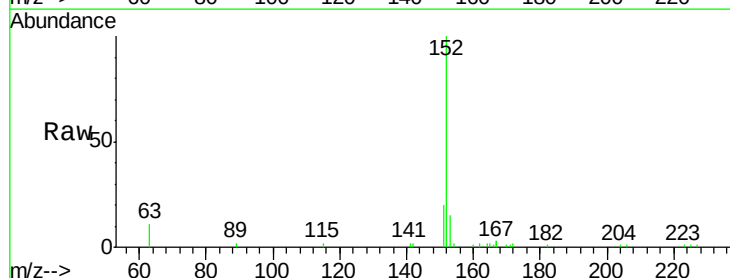
Tgt Ion:152 Resp: 10391

Ion Ratio Lower Upper

152 100

151 19.7 15.5 23.3

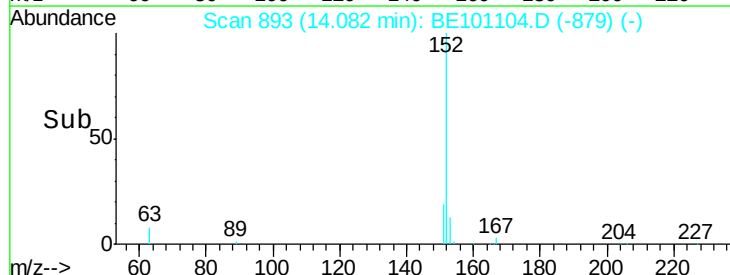
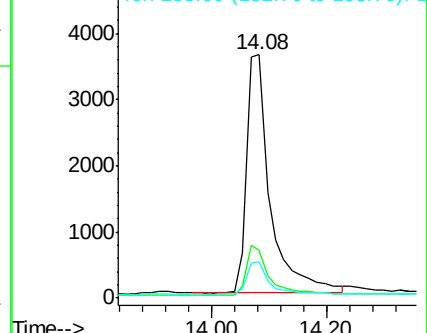
153 13.4 10.4 15.6

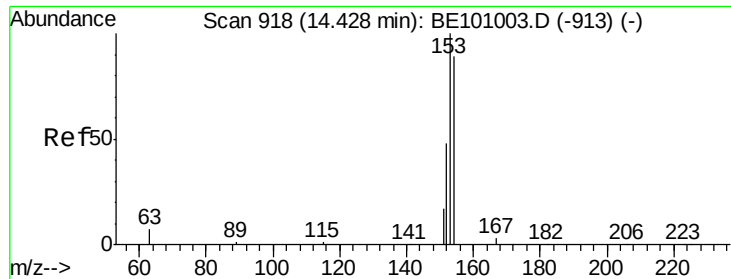


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

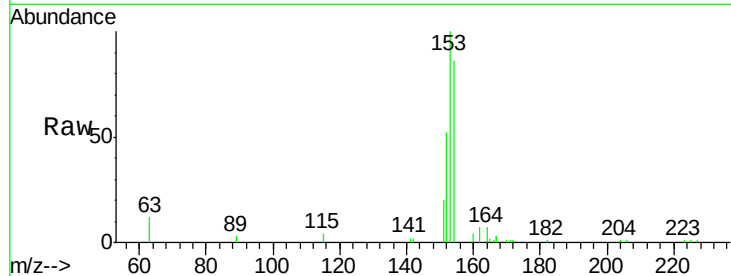




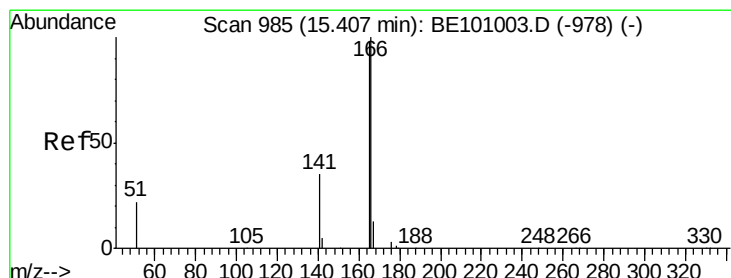
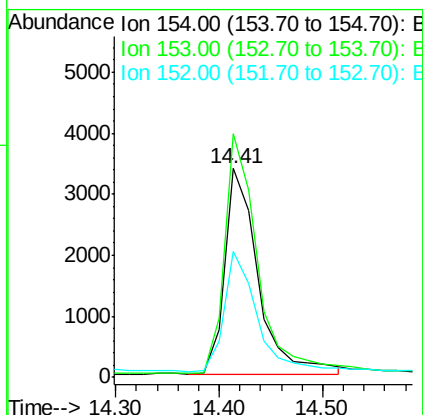
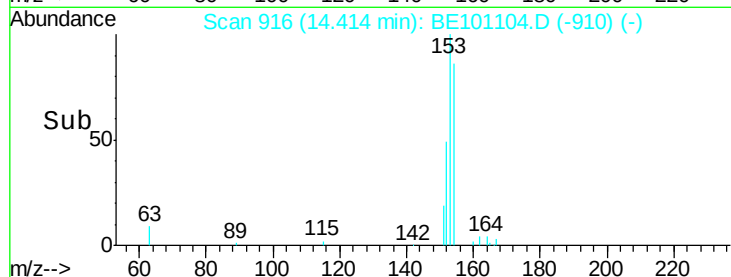
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101104.D
Acq: 21 Jan 2020 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 7564
Ion Ratio Lower Upper
154 100
153 115.7 93.6 140.4
152 56.8 46.3 69.5

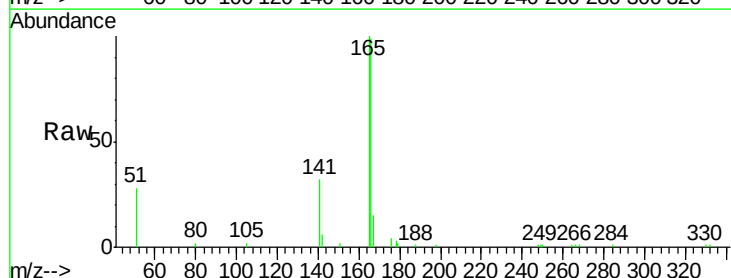


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

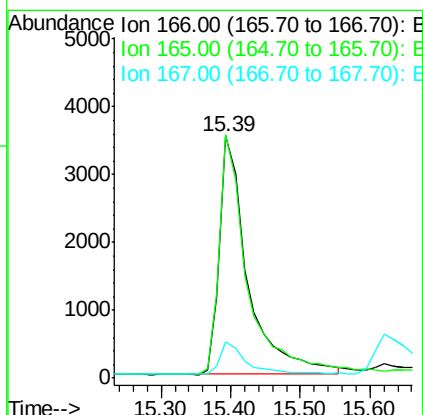
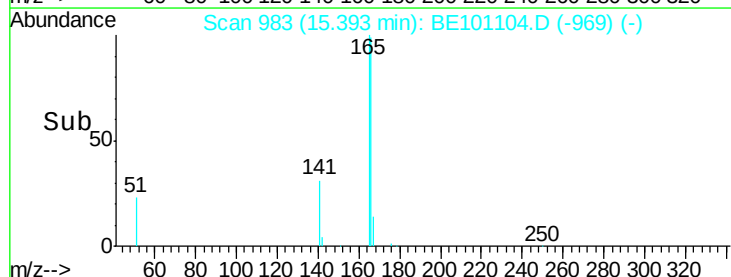


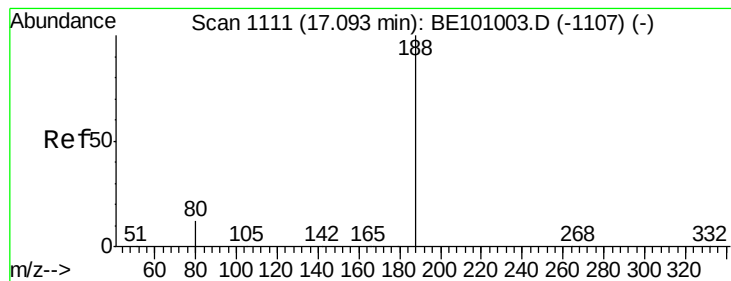
#18
Fluorene
Concen: 0.385 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101104.D
Acq: 21 Jan 2020 9:36

Tgt Ion:166 Resp: 10008
Ion Ratio Lower Upper
166 100
165 99.0 79.8 119.8
167 13.0 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: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

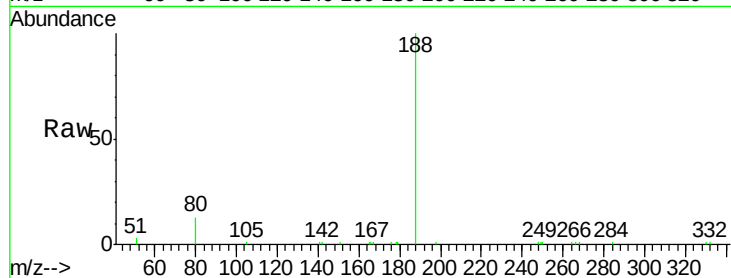
Tot Ion:188 Resp: 17492

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

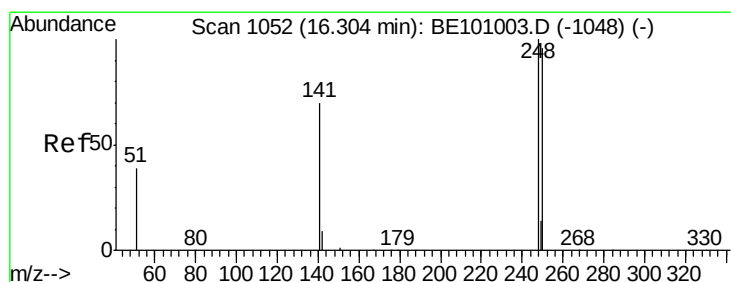
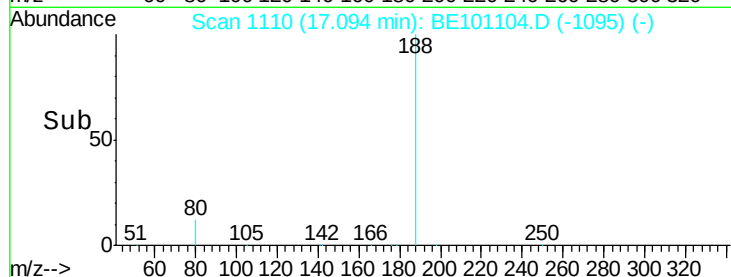
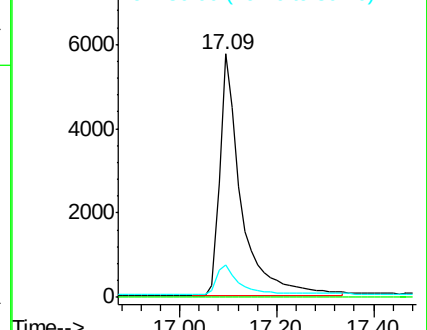
80 13.3 10.8 16.2



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: 0.379 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

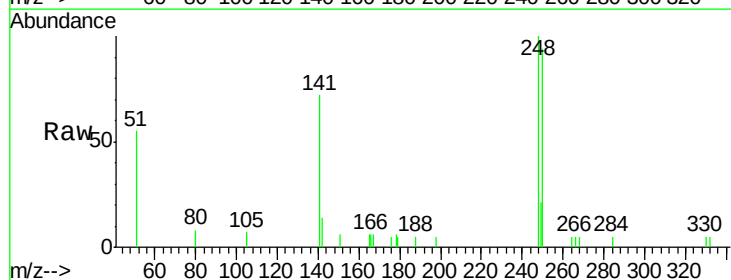
Tgt Ion:248 Resp: 3235

Ion Ratio Lower Upper

248 100

250 94.4 76.6 115.0

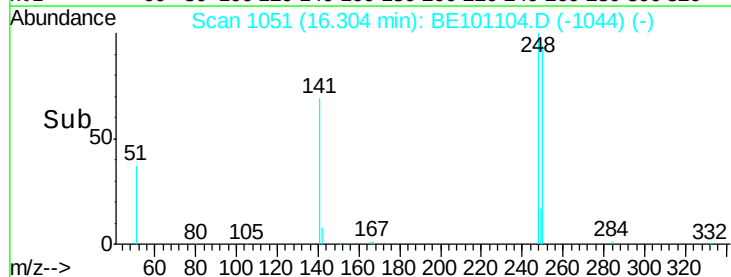
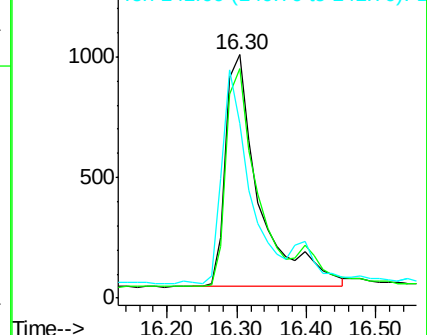
141 71.9 57.7 86.5

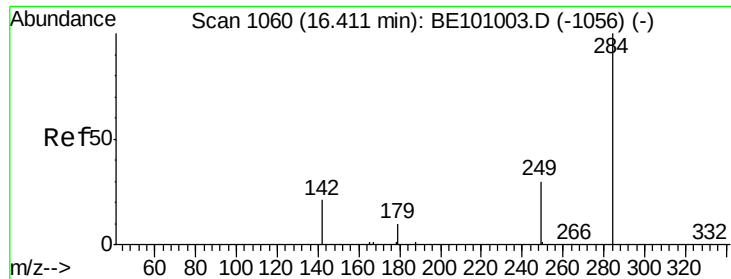


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

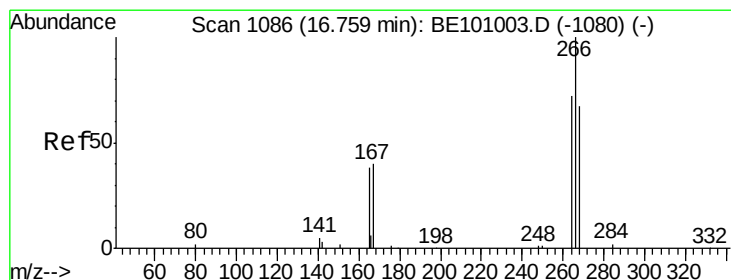
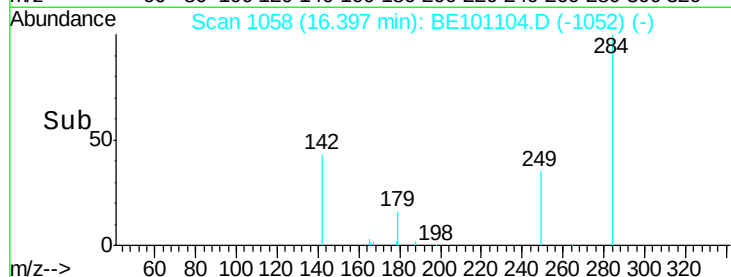
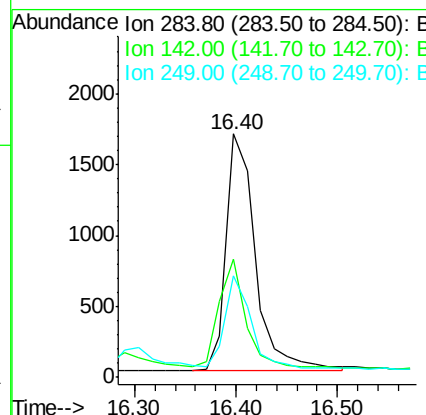
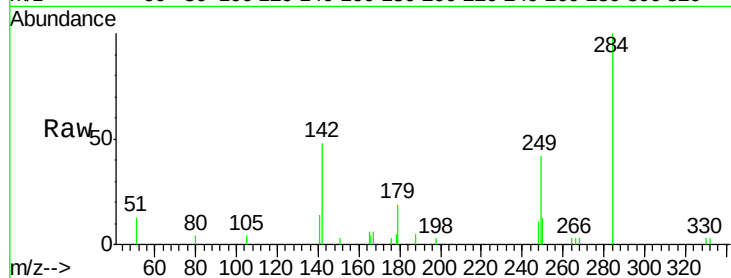




#21
Hexachlorobenzene
Concen: 0.358 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101104.D
Acq: 21 Jan 2020 9:36

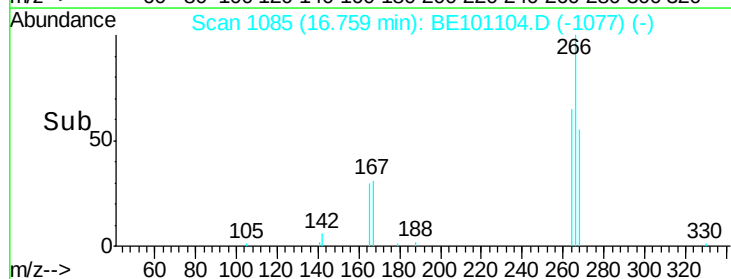
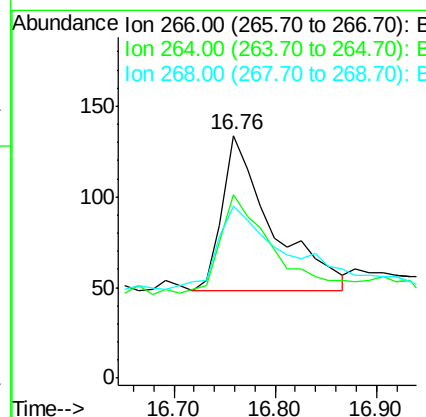
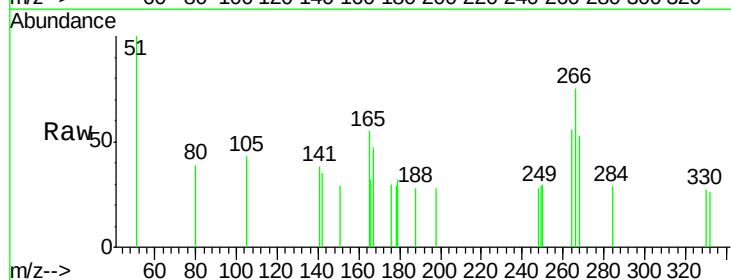
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

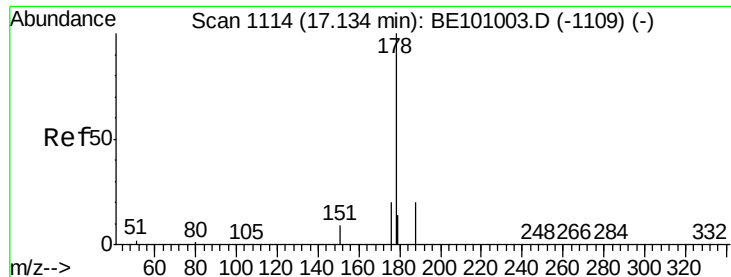
Tot Ion:284 Resp: 3348
Ion Ratio Lower Upper
284 100
142 40.8 34.0 51.0
249 35.0 28.2 42.4



#22
Pentachlorophenol
Concen: 0.339 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101104.D
Acq: 21 Jan 2020 9:36

Tgt Ion:266 Resp: 292
Ion Ratio Lower Upper
266 100
264 75.4 61.0 91.4
268 70.9 58.5 87.7





#23

Phenanthrene

Concen: 0.363 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

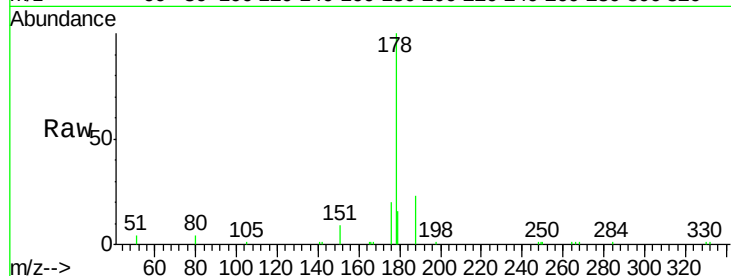
Tot Ion:178 Resp: 17334

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

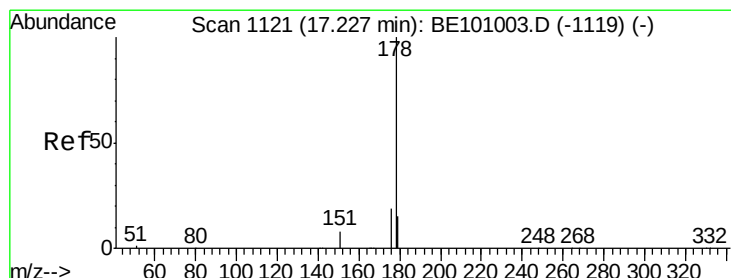
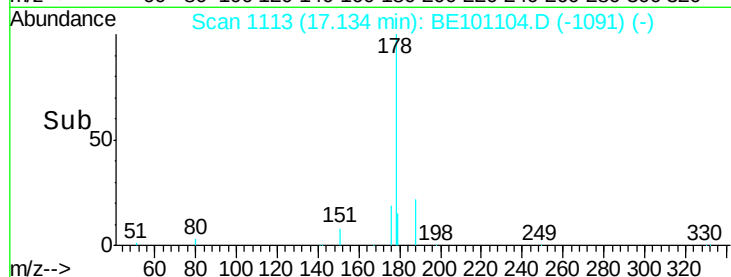
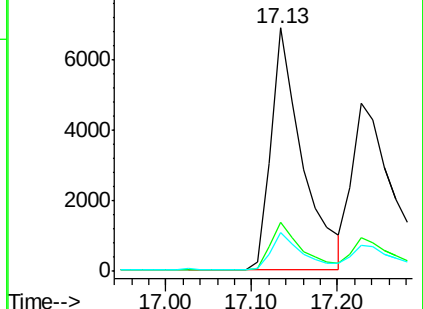
179 15.3 12.0 18.0



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: 0.380 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

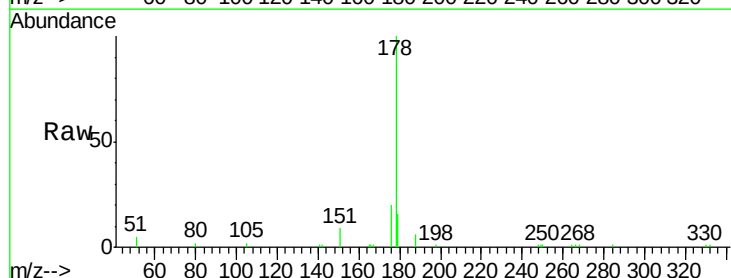
Tgt Ion:178 Resp: 17125

Ion Ratio Lower Upper

178 100

176 17.9 14.8 22.2

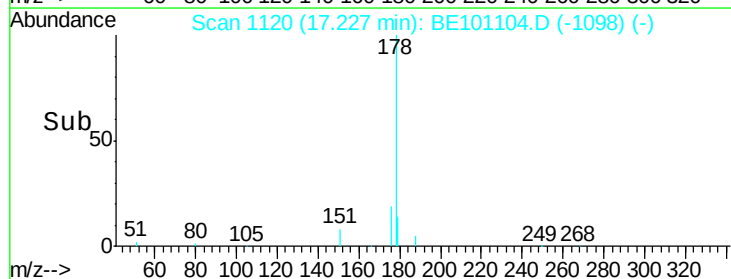
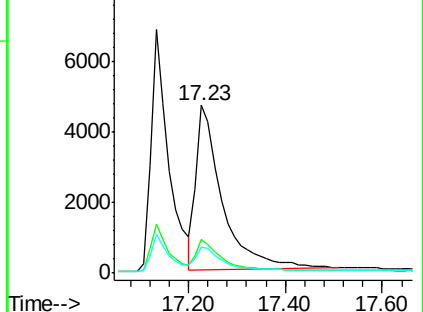
179 15.1 12.4 18.6

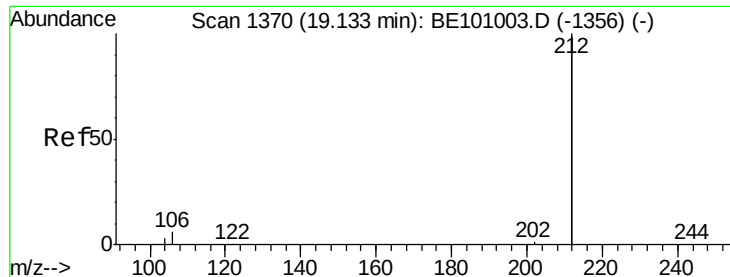


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

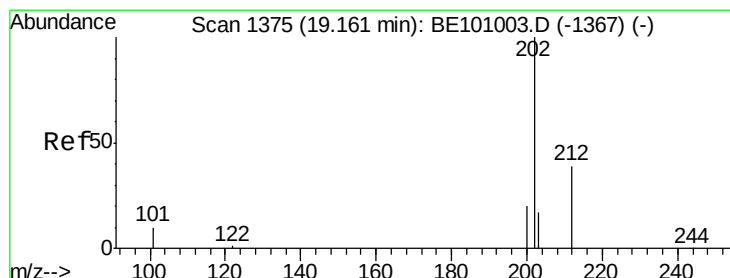
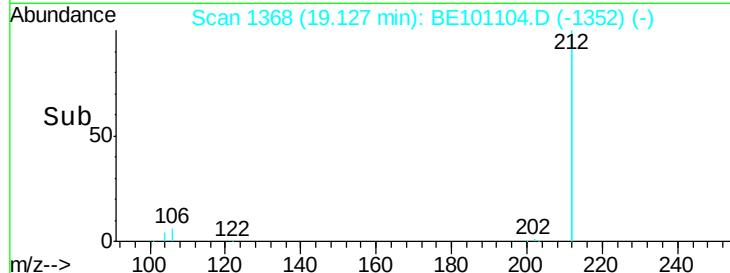
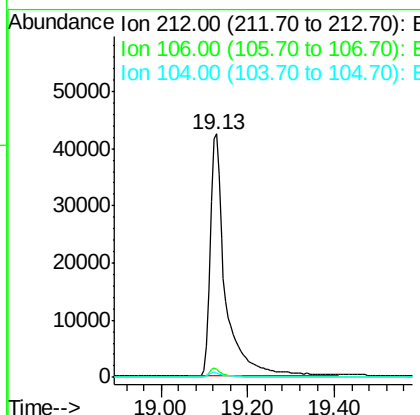
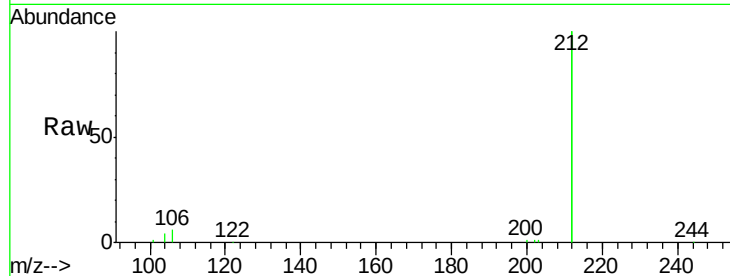




#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101104.D
Acq: 21 Jan 2020 9:36

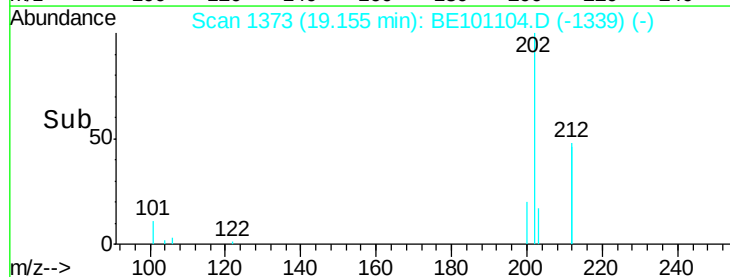
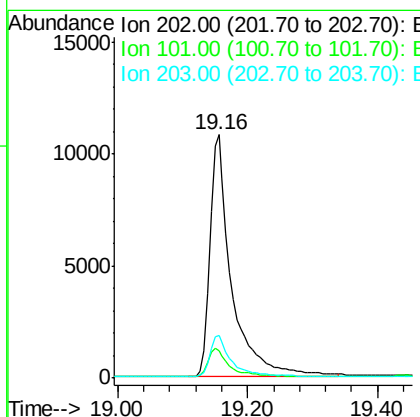
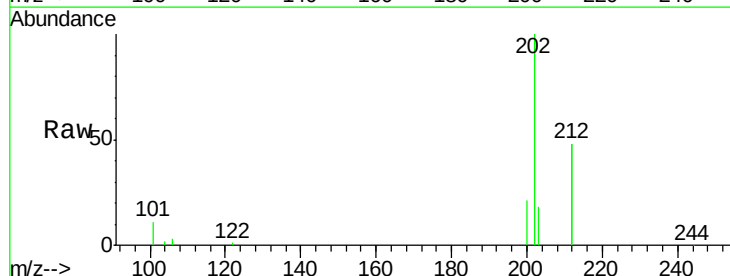
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

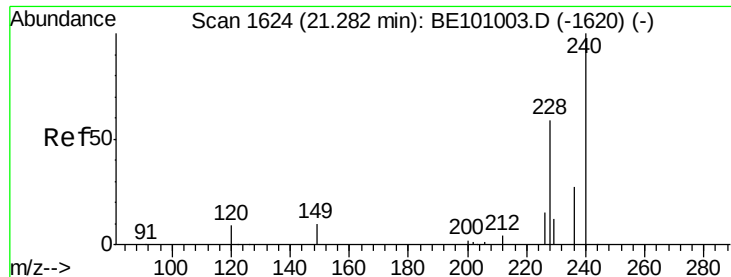
Tot Ion:212 Resp: 105009
Ion Ratio Lower Upper
212 100
106 3.3 2.6 3.8
104 1.8 1.4 2.0



#26
Fluoranthene
Concen: 0.425 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE101104.D
Acq: 21 Jan 2020 9:36

Tgt Ion:202 Resp: 25452
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
203 16.8 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

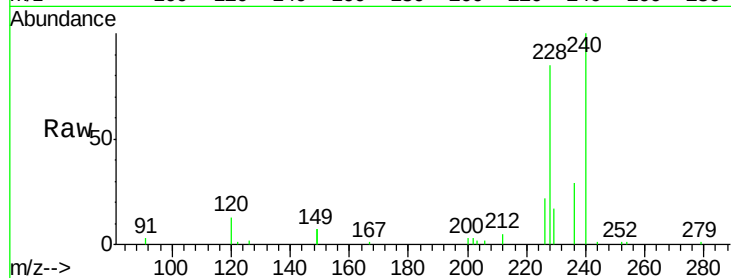
Tot Ion:240 Resp: 19020

Ion Ratio Lower Upper

240 100

120 12.6 8.6 13.0

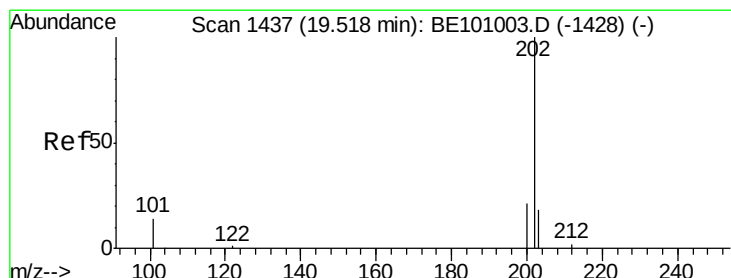
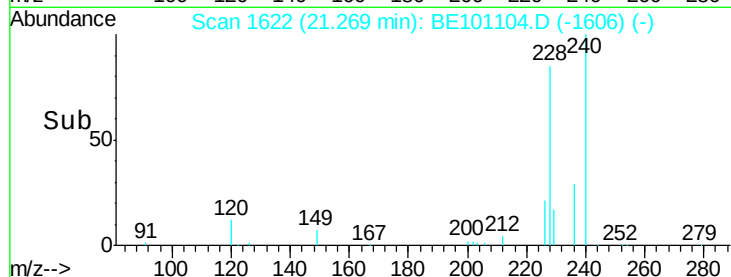
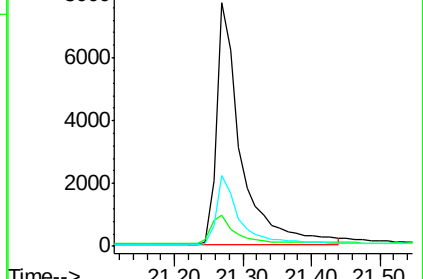
236 29.2 22.2 33.4



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: 0.372 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

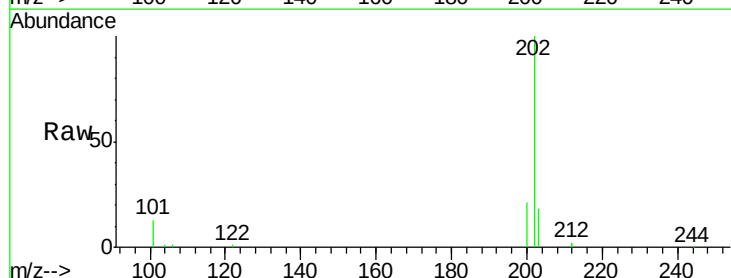
Tgt Ion:202 Resp: 26361

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

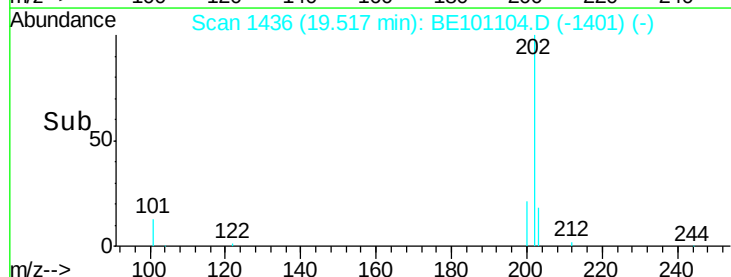
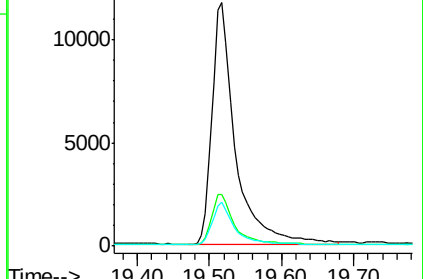
203 16.9 13.8 20.6

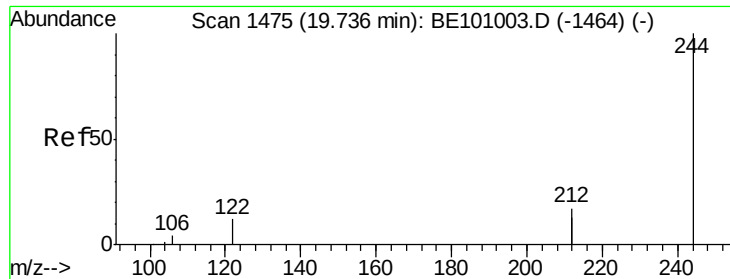


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

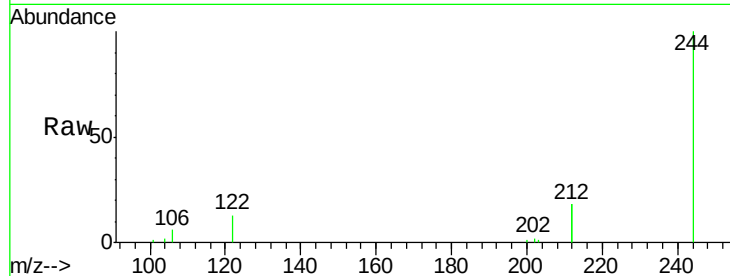
Tot Ion:244 Resp: 17671

Ion Ratio Lower Upper

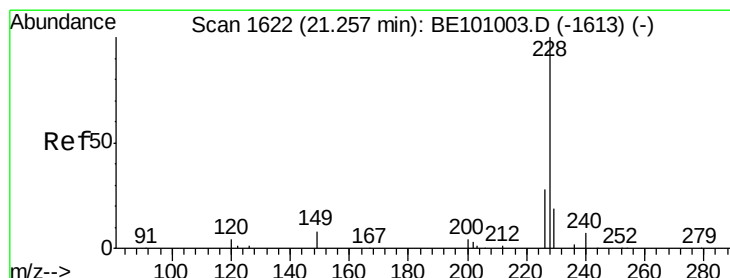
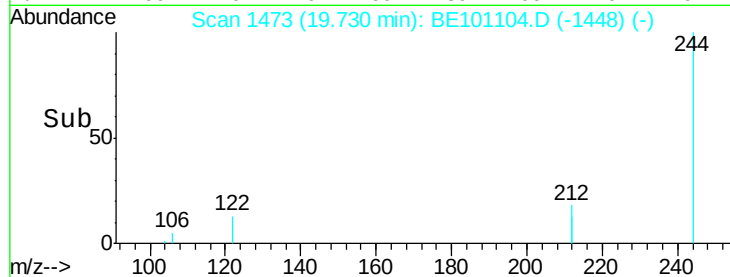
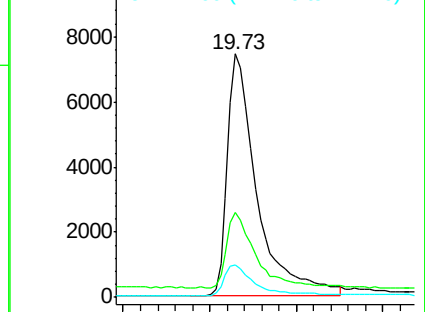
244 100

212 35.0 27.2 40.8

122 13.4 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: 0.344 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

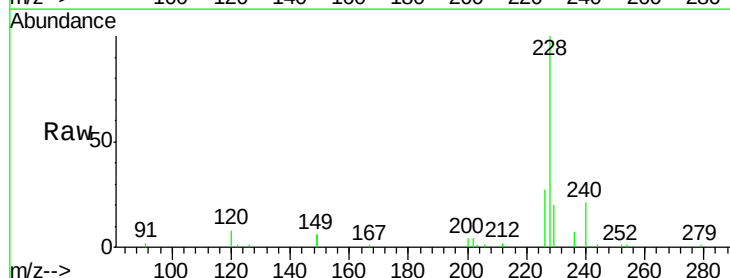
Tgt Ion:228 Resp: 18689

Ion Ratio Lower Upper

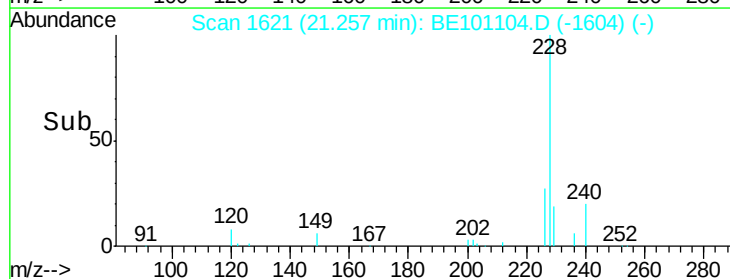
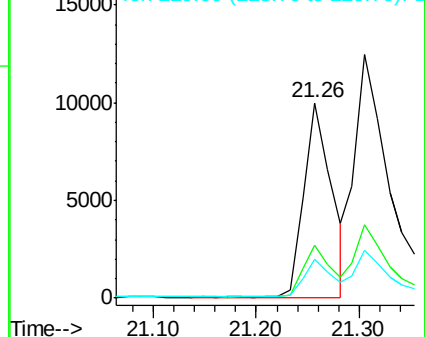
228 100

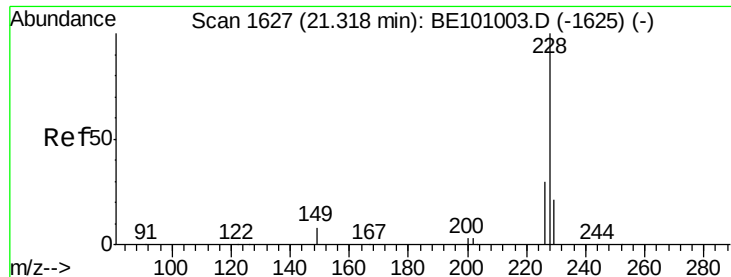
226 27.4 22.7 34.1

229 19.8 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: 0.401 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

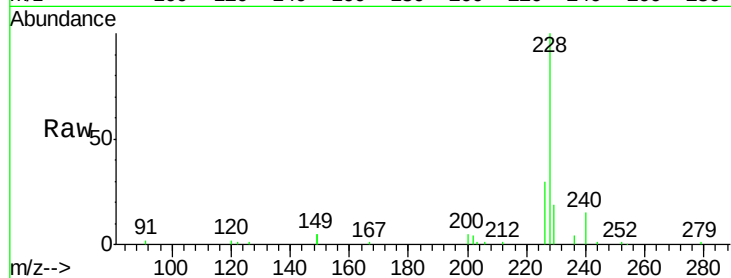
Tot Ion:228 Resp: 32358

Ion Ratio Lower Upper

228 100

226 30.1 23.5 35.3

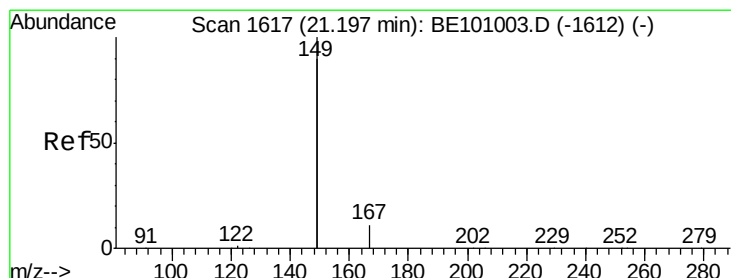
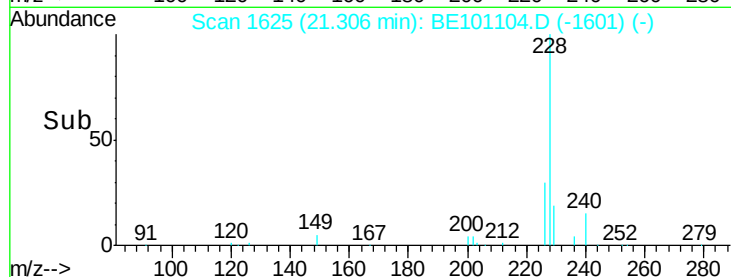
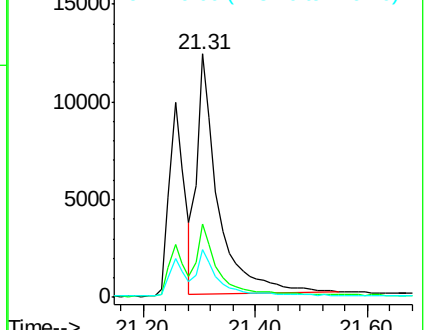
229 19.4 16.7 25.1



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: 0.290 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

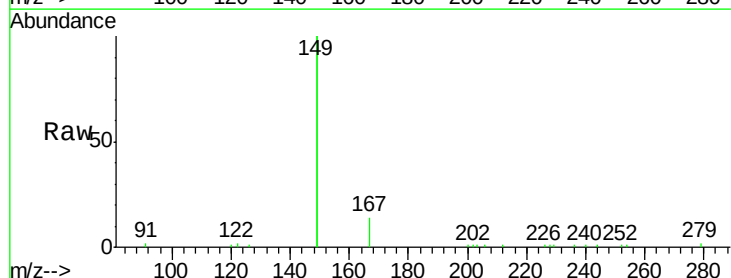
Tgt Ion:149 Resp: 26222

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

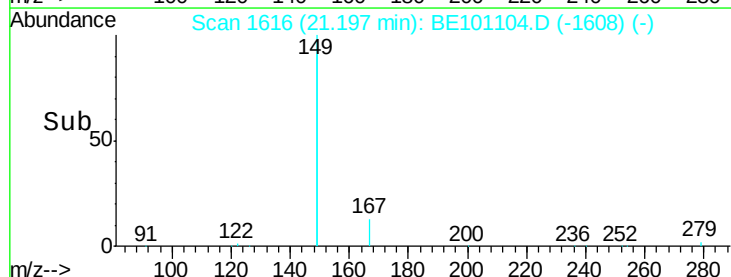
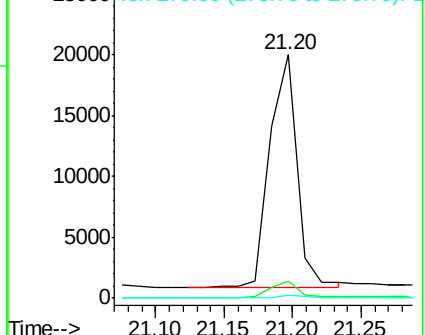
279 0.9 0.8 1.2

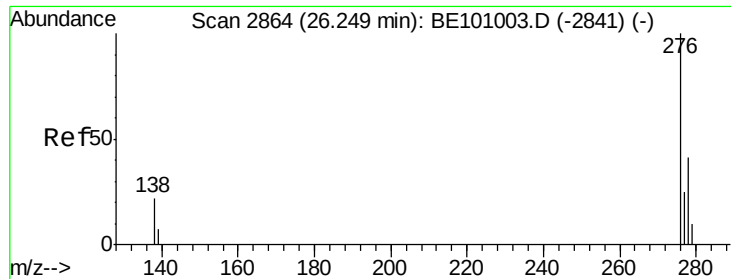


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

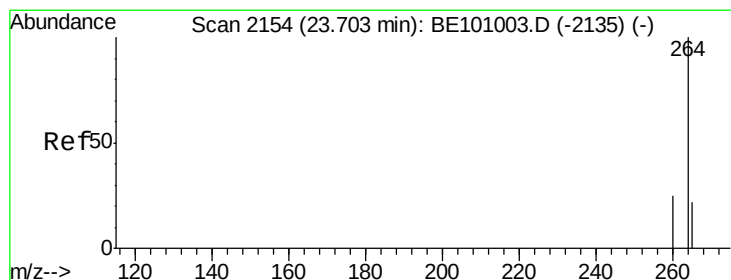
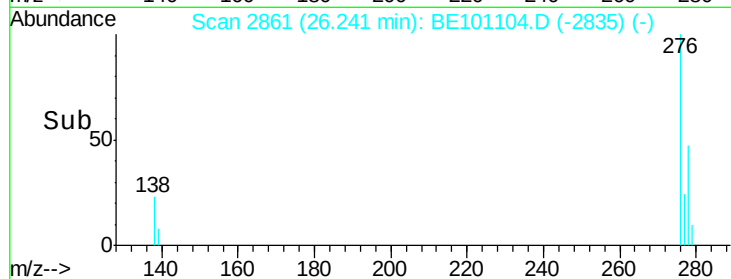
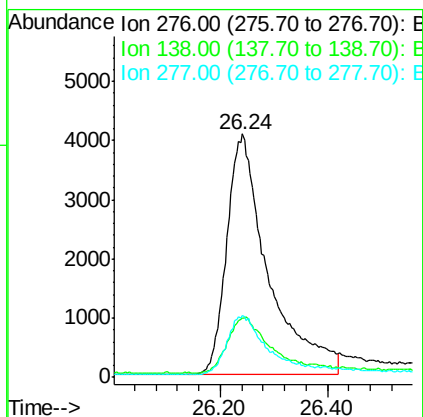
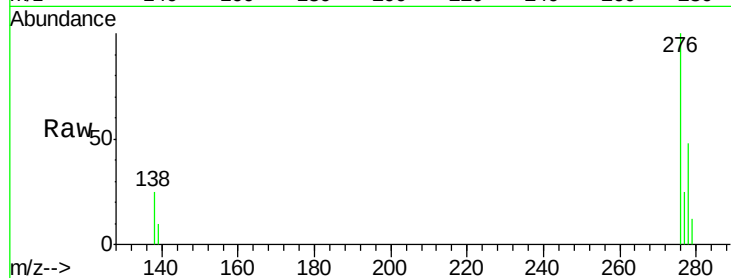




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.342 ng
 RT: 26.24 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE101104.D
 Acq: 21 Jan 2020 9:36

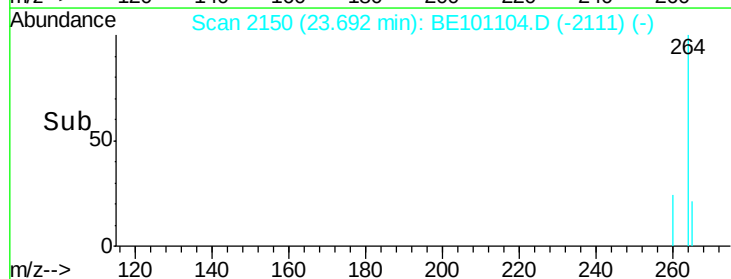
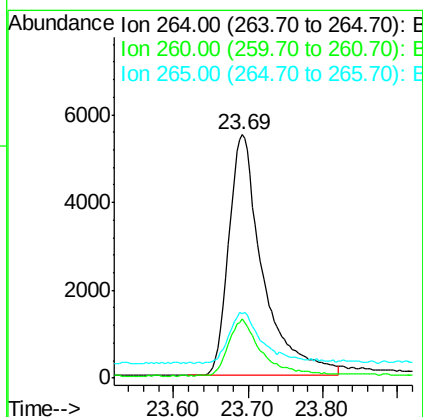
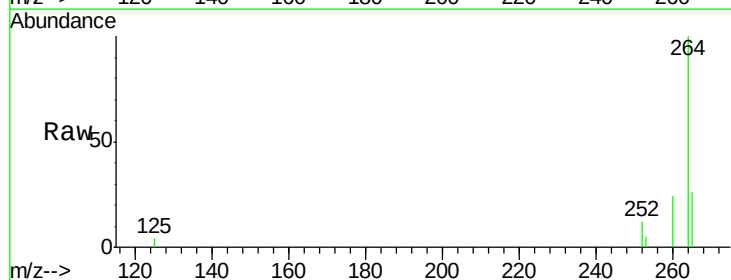
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

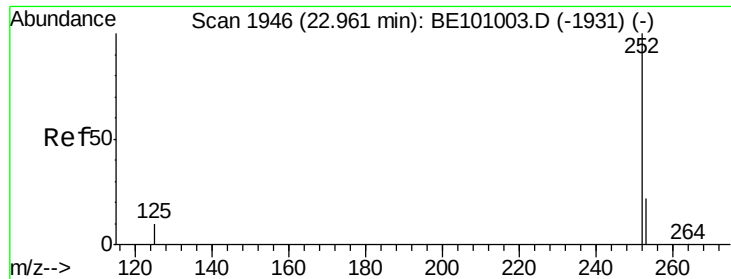
Tot Ion:276 Resp: 21808
 Ion Ratio Lower Upper
 276 100
 138 23.2 16.1 24.1
 277 23.0 18.1 27.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.69 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BE101104.D
 Acq: 21 Jan 2020 9:36

Tgt Ion:264 Resp: 17449
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.3 30.5
 265 26.5 27.0 40.4#





#35

Benzo(b)fluoranthene

Concen: 0.330 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

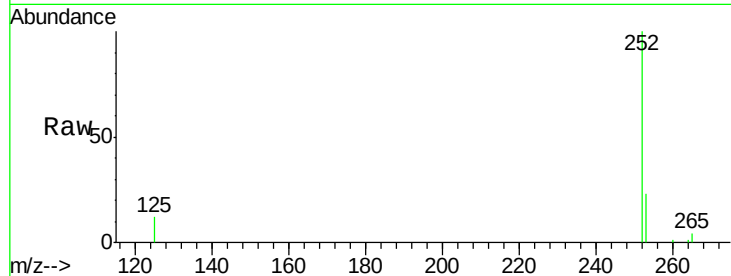
Tot Ion:252 Resp: 16130

Ion Ratio Lower Upper

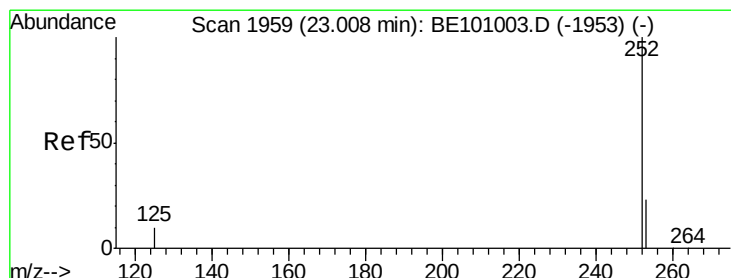
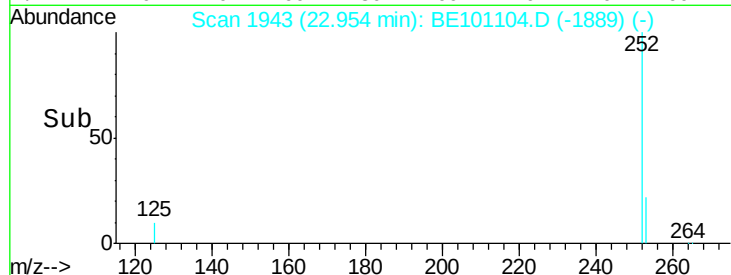
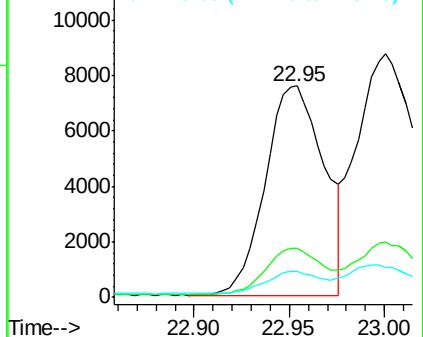
252 100

253 23.2 18.5 27.7

125 12.1 9.5 14.3



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



#36

Benzo(k)fluoranthene

Concen: 0.335 ng

RT: 23.00 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

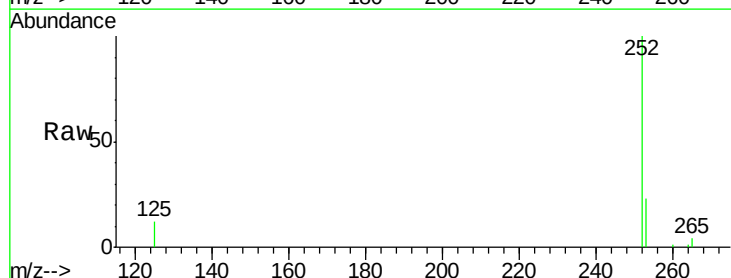
Tgt Ion:252 Resp: 23755

Ion Ratio Lower Upper

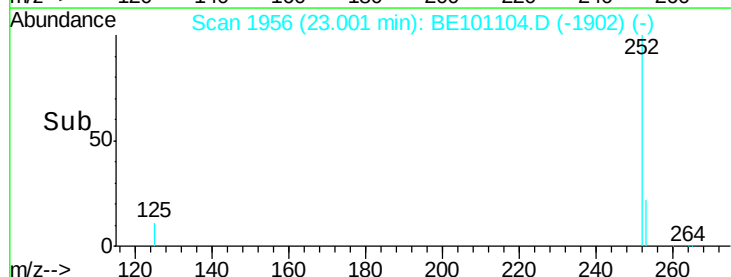
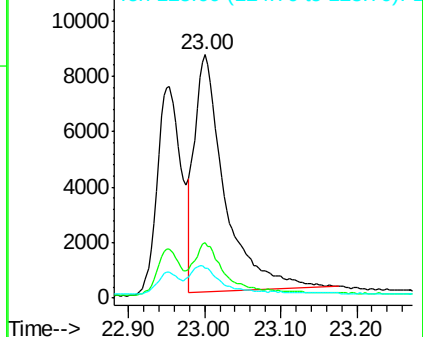
252 100

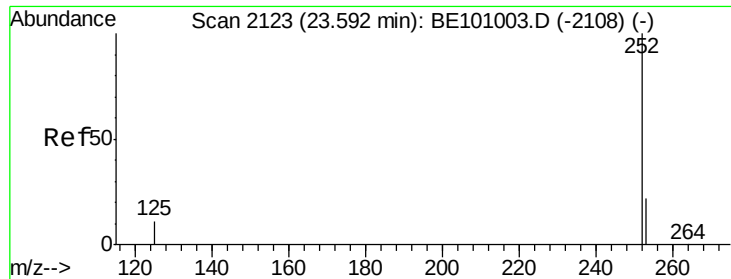
253 22.7 18.9 28.3

125 12.4 10.1 15.1



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





#37

Benzo(a)pyrene

Concen: 0.377 ng

RT: 23.59 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

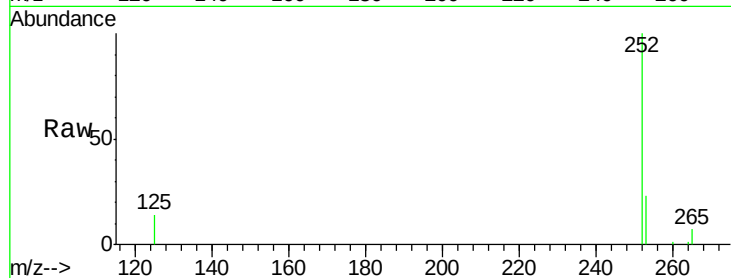
Tot Ion:252 Resp: 17850

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

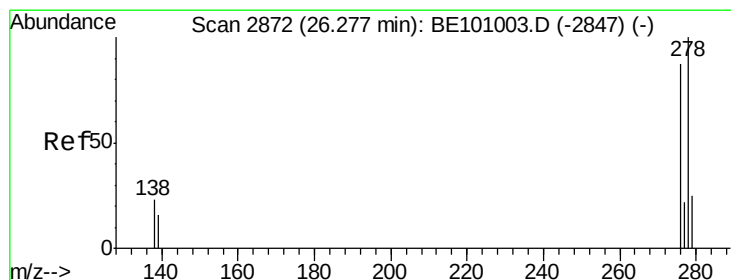
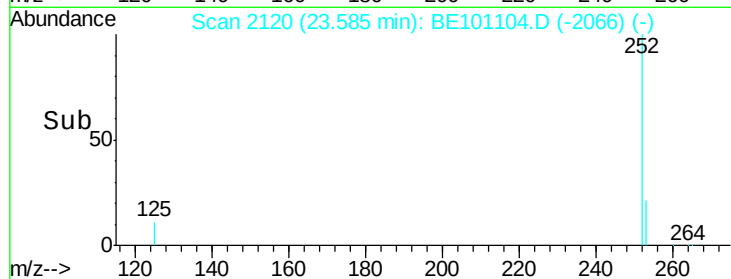
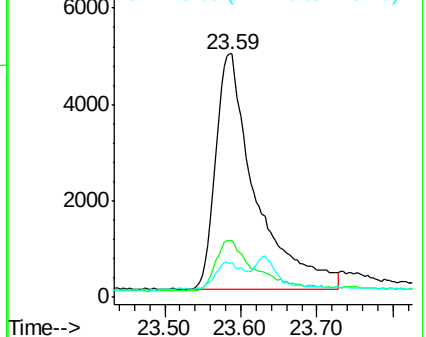
125 13.8 11.8 17.6



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: 0.380 ng

RT: 26.26 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

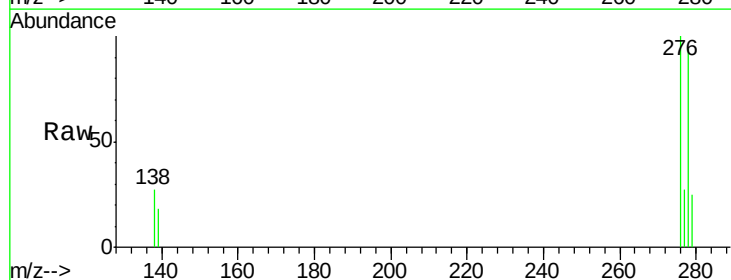
Tgt Ion:278 Resp: 16530

Ion Ratio Lower Upper

278 100

139 19.4 15.0 22.4

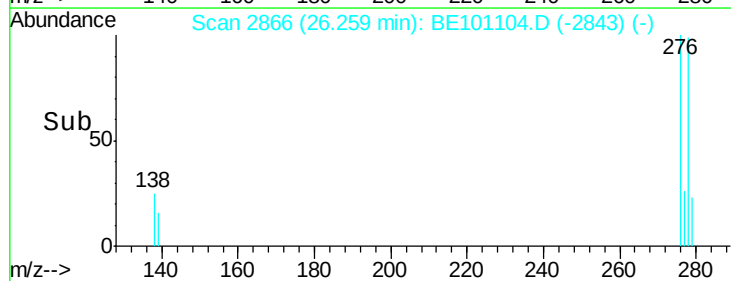
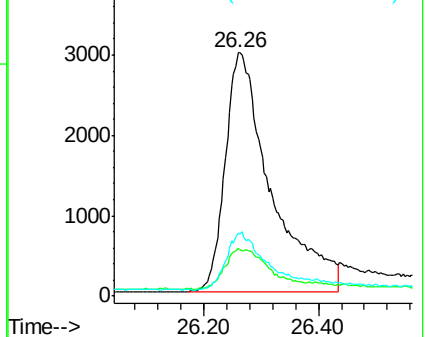
279 26.0 22.6 33.8

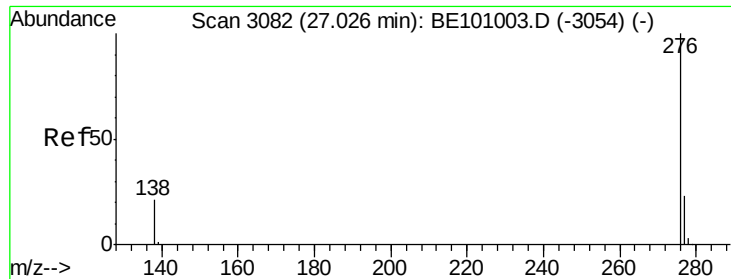


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.367 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101104.D

Acq: 21 Jan 2020 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

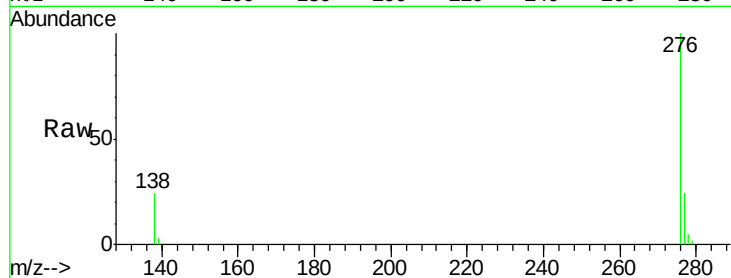
Tot Ion: 276 Resp: 19658

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 24.3 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

