

Data File : BE101071.D
Acq On : 16 Jan 2020 11:25
Operator : JU
Sample : PB126102BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Quant Time: Jan 17 07:43:51 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	2921	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	12517	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7221	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	15305	0.40	ng	0.00
27) Chrysene-d12	21.27	240	15101	0.40	ng	-0.01
34) Perylene-d12	23.69	264	20029	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	2910	0.44	ng	-0.01
5) Phenol-d6	6.91	99	3521	0.42	ng	-0.01
8) Nitrobenzene-d5	8.87	82	3569	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	9322	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.85	330	699	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	10971	0.40	ng	-0.02
25) Fluoranthene-d10	19.12	212	84747	0.40	ng	-0.01
29) Terphenyl-d14	19.73	244	13770	0.37	ng	0.00

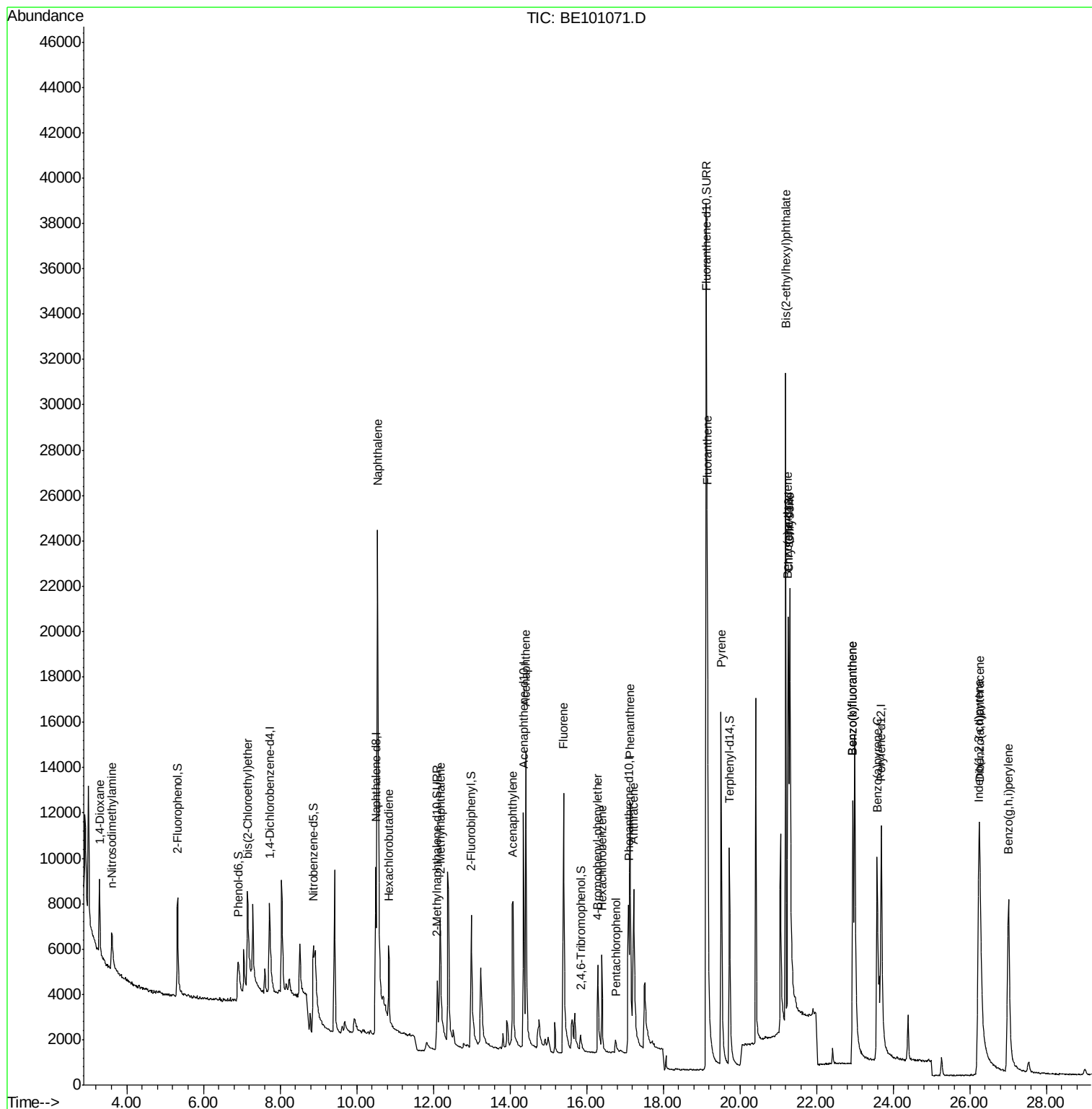
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	2986	0.434	ng	96
3) n-Nitrosodimethylamine	3.60	42	1835	0.452	ng	# 91
6) bis(2-Chloroethyl)ether	7.16	93	3438	0.347	ng	# 95
9) Naphthalene	10.55	128	56260	0.405	ng	99
10) Hexachlorobutadiene	10.83	225	2519	0.428	ng	98
12) 2-Methylnaphthalene	12.18	142	7929	0.377	ng	98
16) Acenaphthylene	14.08	152	11972	0.407	ng	98
17) Acenaphthene	14.41	154	8184	0.389	ng	99
18) Fluorene	15.39	166	10252	0.385	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	3224	0.432	ng	92
21) Hexachlorobenzene	16.40	284	3363	0.411	ng	99
22) Pentachlorophenol	16.76	266	652	0.477	ng	90
23) Phenanthrene	17.13	178	16139	0.386	ng	99
24) Anthracene	17.23	178	16356	0.415	ng	97
26) Fluoranthene	19.15	202	20692	0.395	ng	99
28) Pyrene	19.51	202	21351	0.380	ng	99
30) Benzo(a)anthracene	21.26	228	16563	0.384	ng	99
31) Chrysene	21.30	228	27594	0.431	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	30110	0.419	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	26184	0.517	ng	# 94
35) Benzo(b)fluoranthene	22.95	252	18695	0.333	ng	100
36) Benzo(k)fluoranthene	22.95	252	18695	0.230	ng	99
37) Benzo(a)pyrene	23.58	252	22119	0.407	ng	99
38) Dibenzo(a,h)anthracene	26.26	278	20491	0.410	ng	95
39) Benzo(g,h,i)perylene	27.02	276	23145	0.377	ng	98

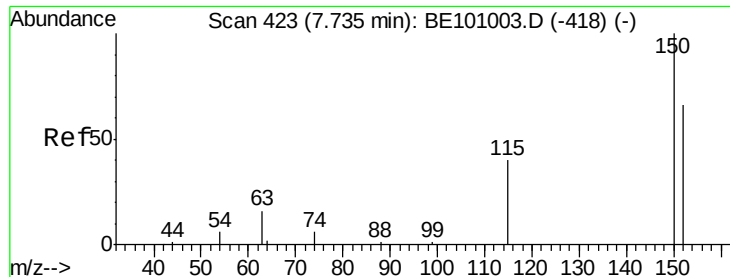
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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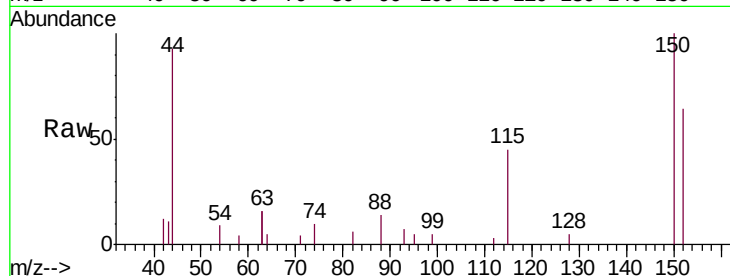


#1

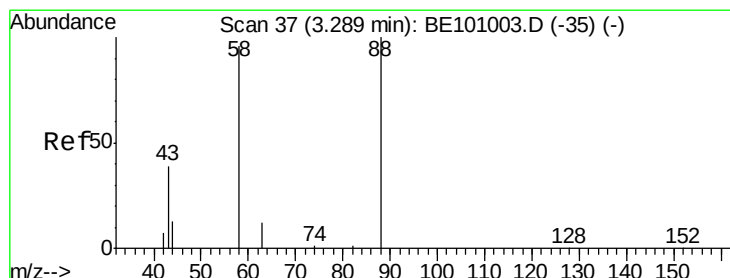
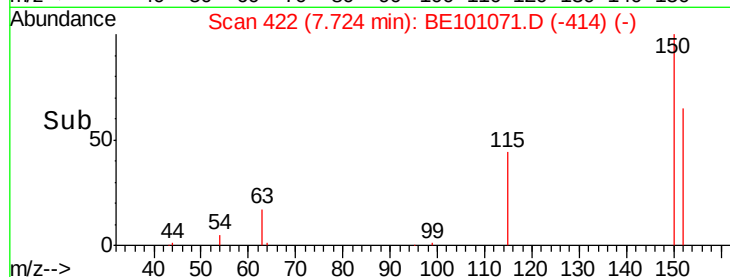
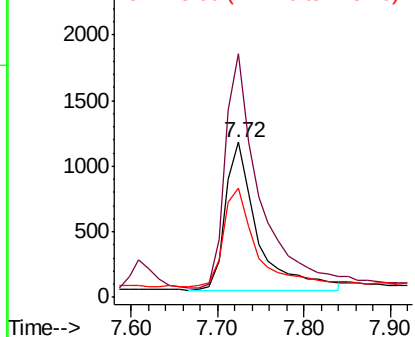
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101071.D
Acq: 16 Jan 2020 11:25

Instrument :
BNA_E
ClientSampleId :
PB126102BS

Tgt Ion:152 Resp: 2921
Ion Ratio Lower Upper
152 100
150 157.4 120.3 180.5
115 70.3 51.7 77.5



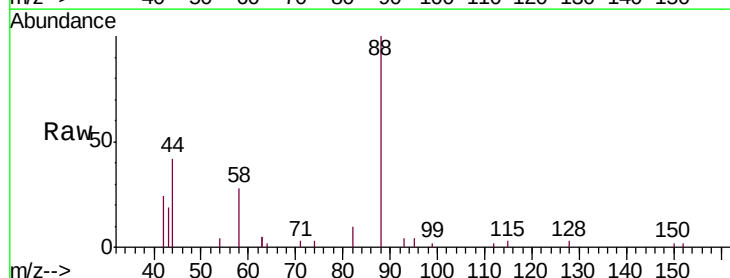
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



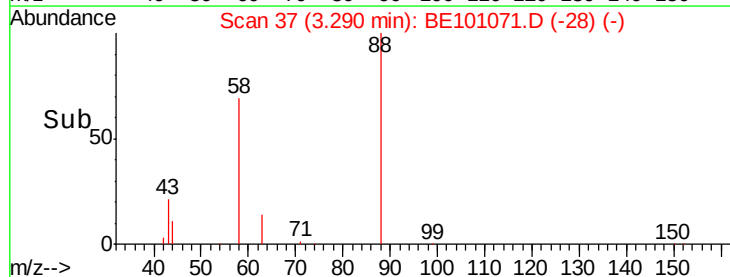
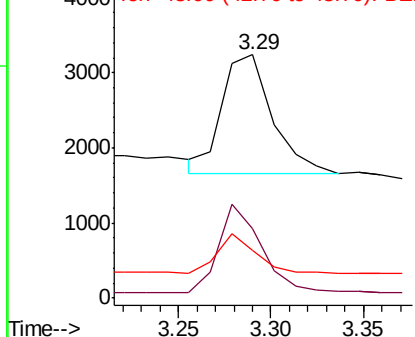
#2

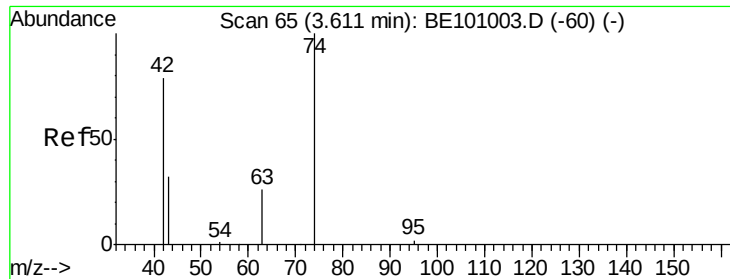
1,4-Dioxane
Concen: 0.434 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101071.D
Acq: 16 Jan 2020 11:25

Tgt Ion: 88 Resp: 2986
Ion Ratio Lower Upper
88 100
58 63.9 53.0 79.4
43 25.5 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: 0.452 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

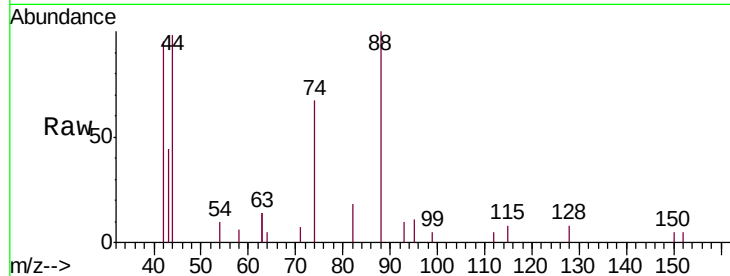
Tgt Ion: 42 Resp: 1835

Ion Ratio Lower Upper

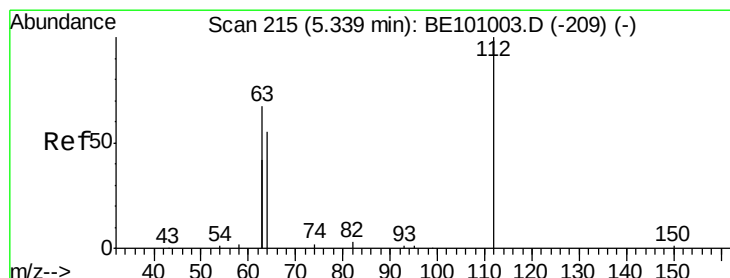
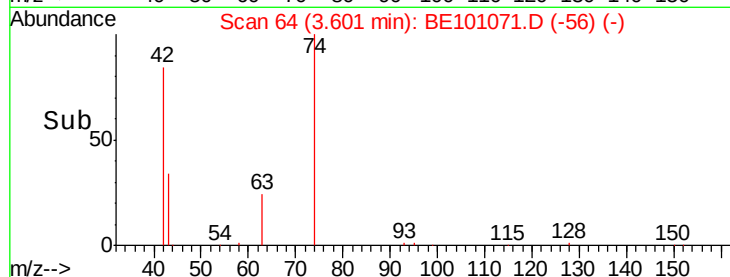
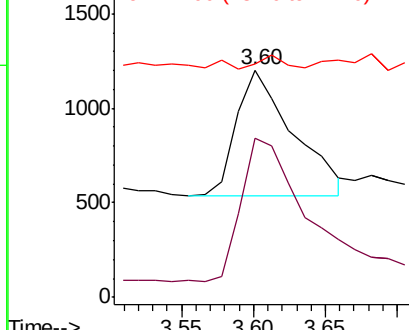
42 100

74 123.0 105.7 158.5

44 4.3 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: 0.443 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

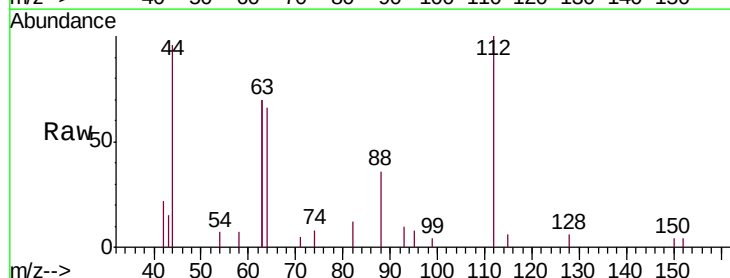
Tgt Ion: 112 Resp: 2910

Ion Ratio Lower Upper

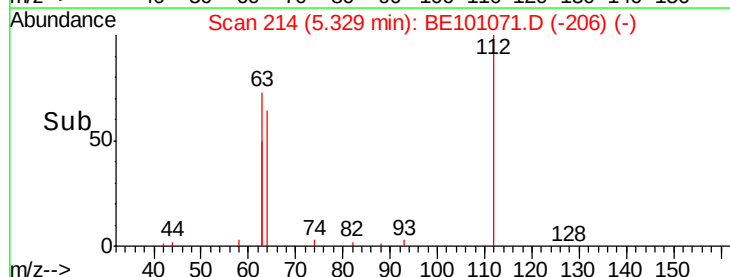
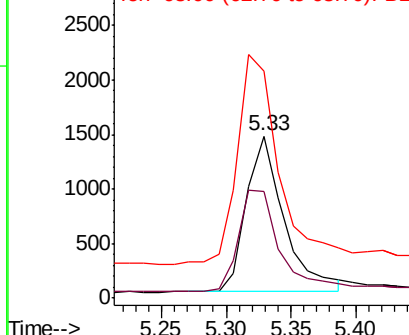
112 100

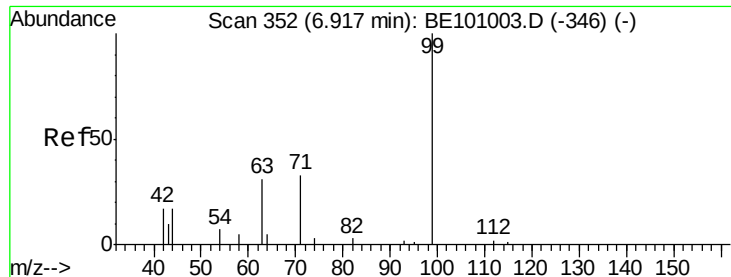
64 71.8 53.6 80.4

63 148.8 114.6 172.0



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: 0.423 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

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ClientSampleId :

PB126102BS

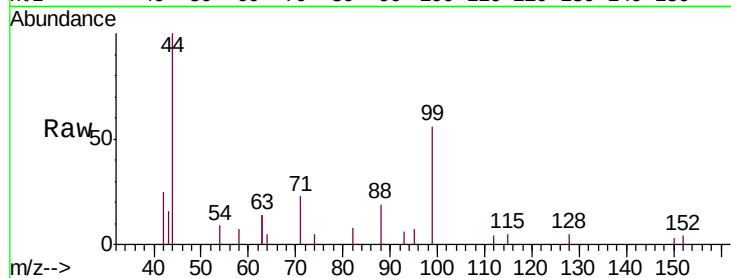
Tgt Ion: 99 Resp: 3521

Ion Ratio Lower Upper

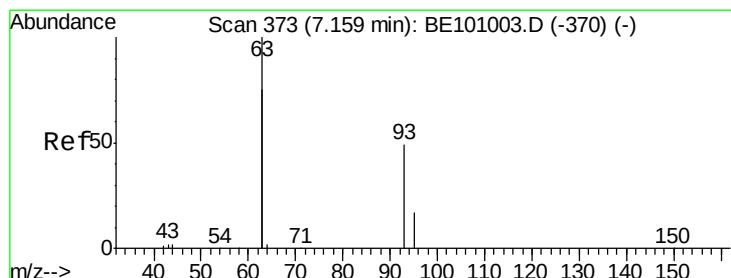
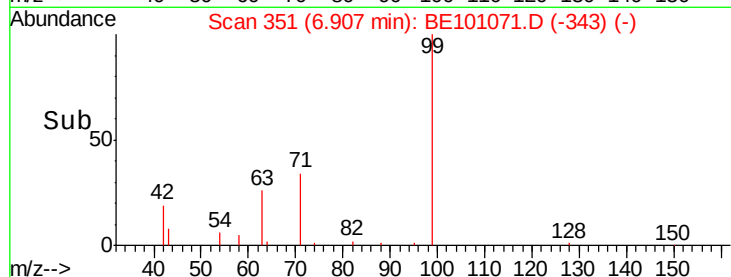
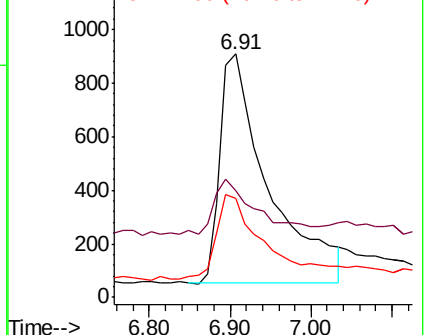
99 100

42 21.6 18.3 27.5

71 35.9 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: 0.347 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

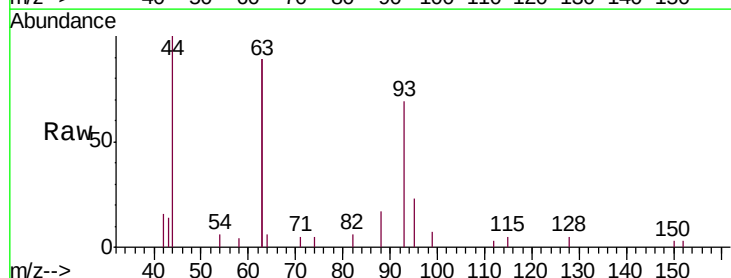
Tgt Ion: 93 Resp: 3438

Ion Ratio Lower Upper

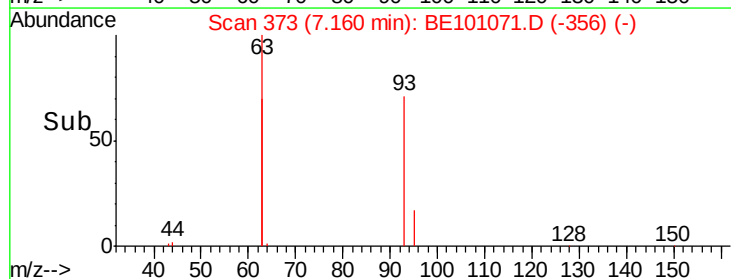
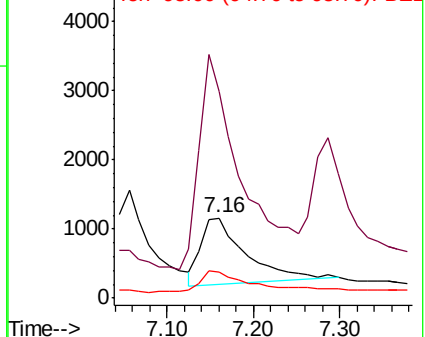
93 100

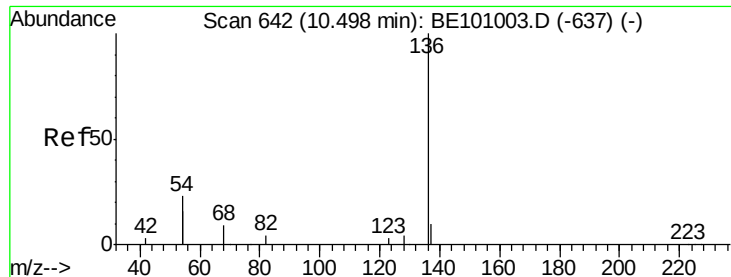
63 301.7 233.9 350.9

95 35.8 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: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

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Tgt Ion: 136 Resp: 12517

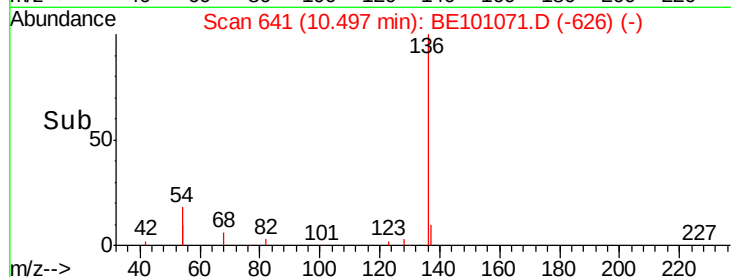
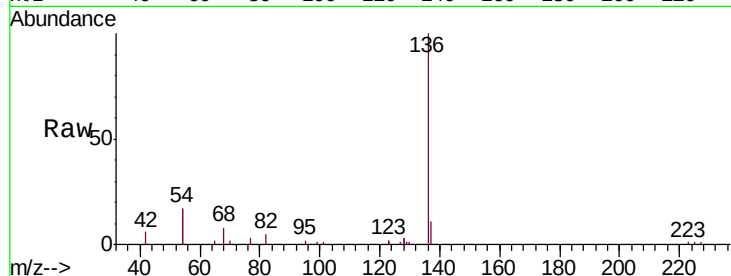
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 34.8 36.8 55.2#

68 8.0 8.4 12.6#

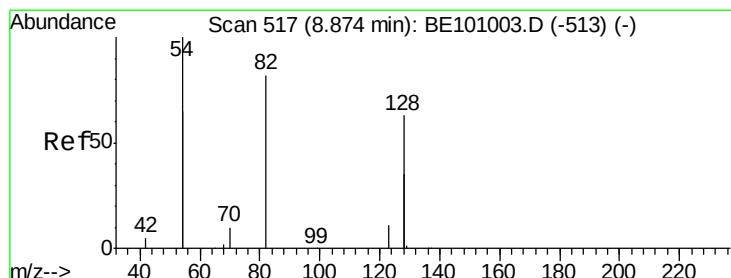
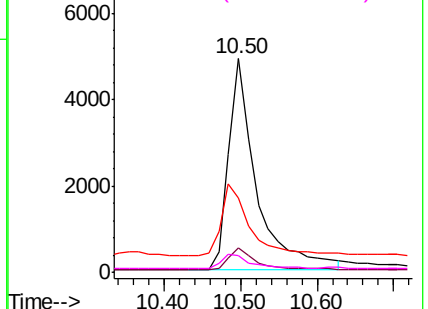


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.399 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

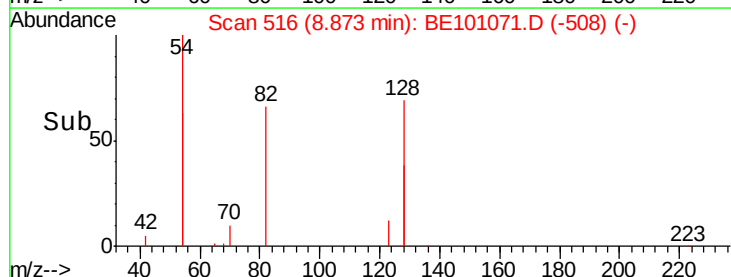
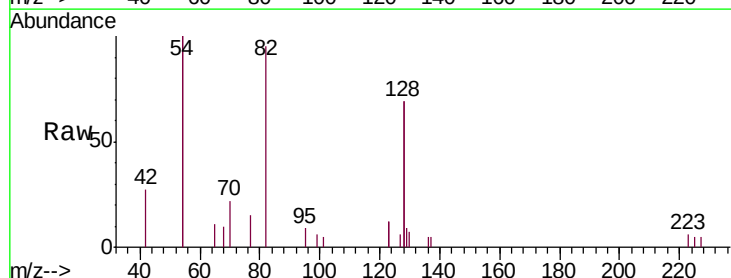
Tgt Ion: 82 Resp: 3569

Ion Ratio Lower Upper

82 100

128 144.4 109.8 164.6

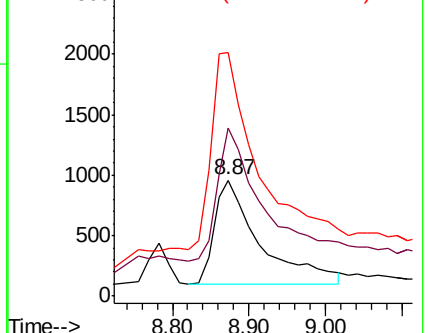
54 209.6 174.5 261.7

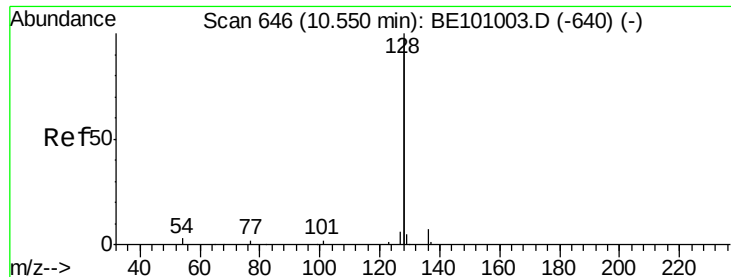


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.405 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

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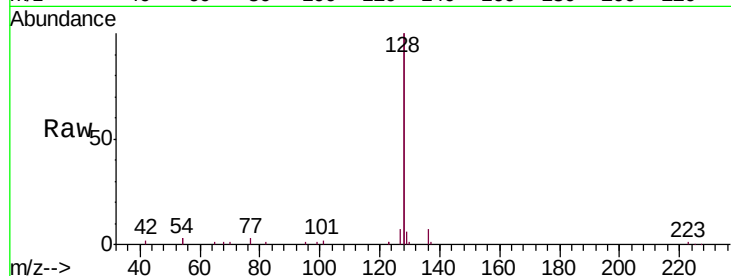
Tgt Ion:128 Resp: 56260

Ion Ratio Lower Upper

128 100

129 3.2 2.3 3.5

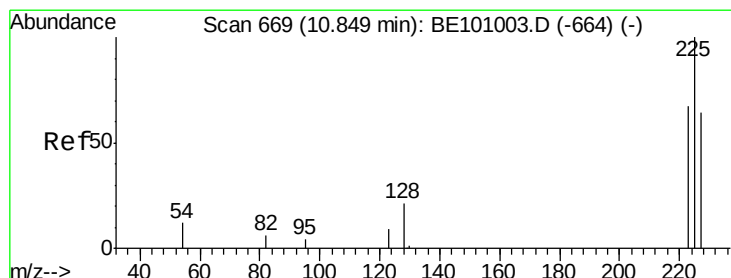
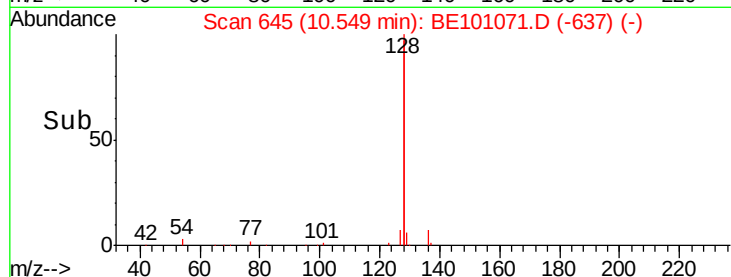
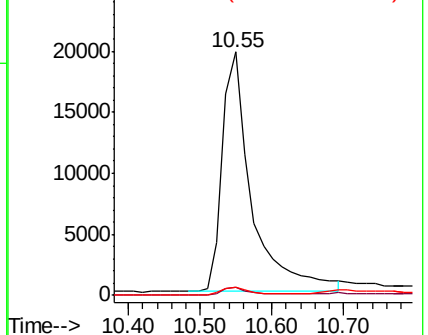
127 3.5 2.7 4.1



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: 0.428 ng

RT: 10.83 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

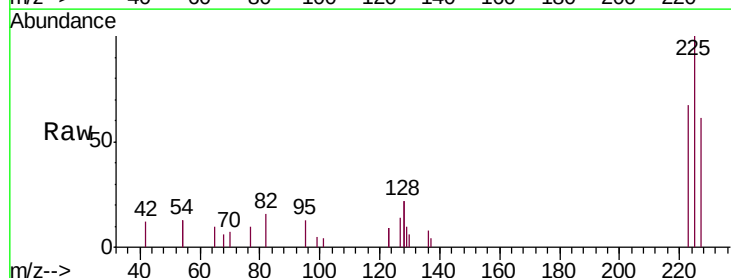
Tgt Ion:225 Resp: 2519

Ion Ratio Lower Upper

225 100

223 62.2 52.2 78.4

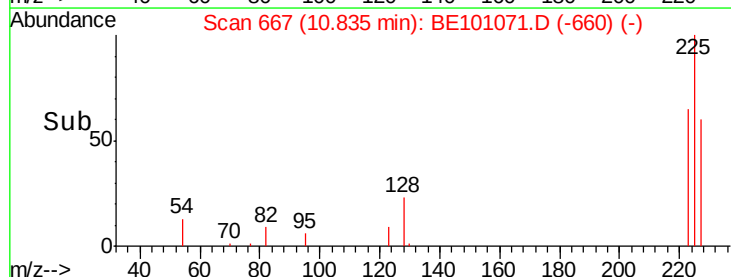
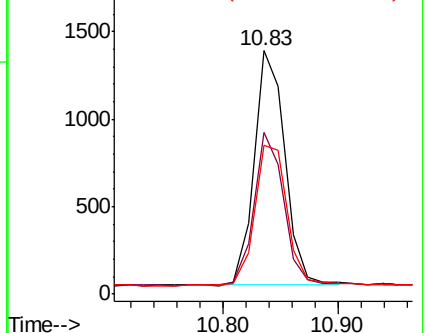
227 63.1 49.9 74.9

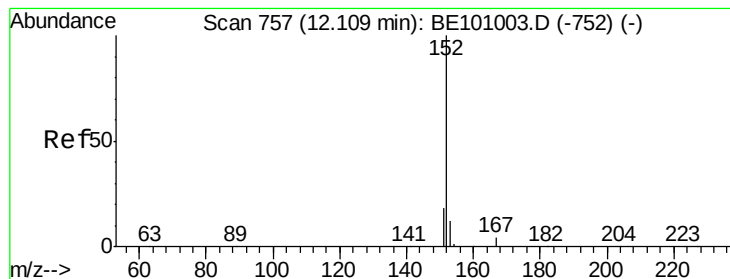


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.02 min

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ClientSampleId :

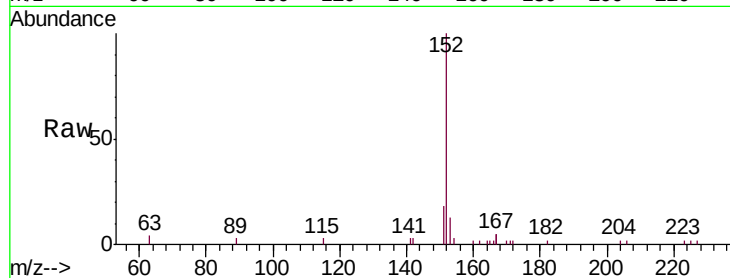
PB126102BS

Tgt Ion:152 Resp: 9322

Ion Ratio Lower Upper

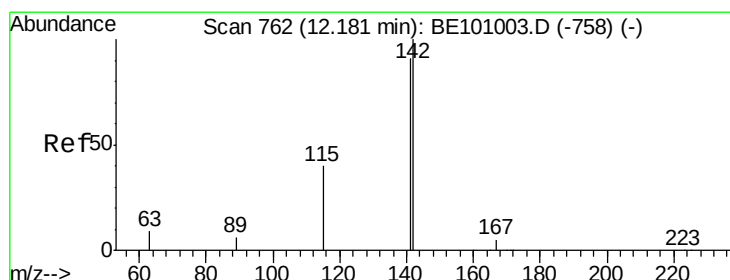
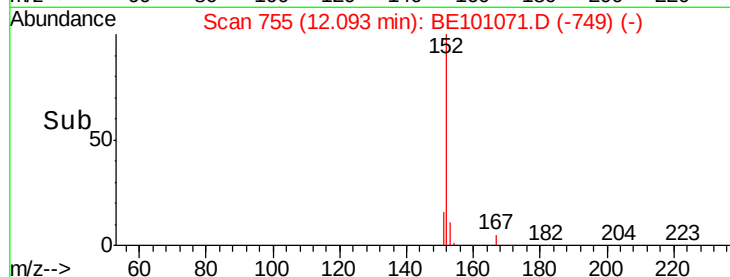
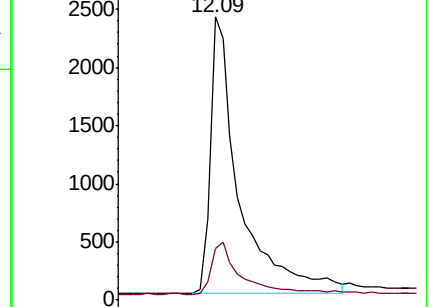
152 100

151 19.4 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: 0.377 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

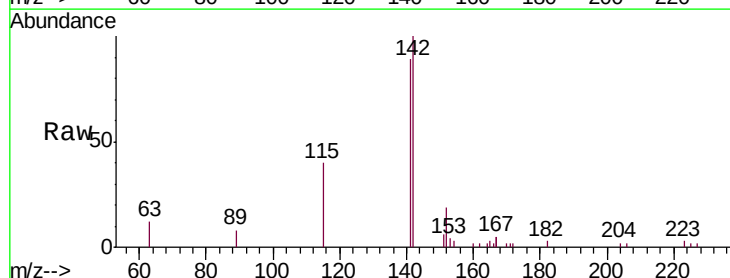
Tgt Ion:142 Resp: 7929

Ion Ratio Lower Upper

142 100

141 88.9 72.5 108.7

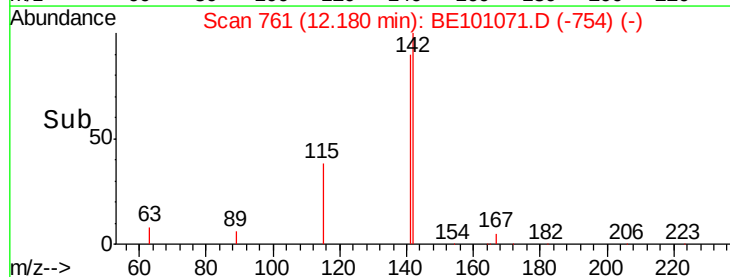
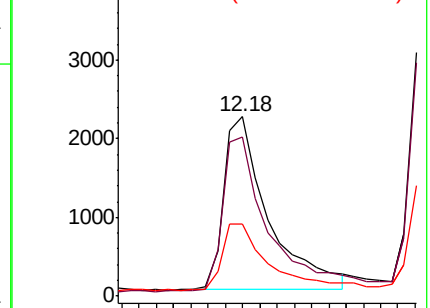
115 39.9 33.0 49.6

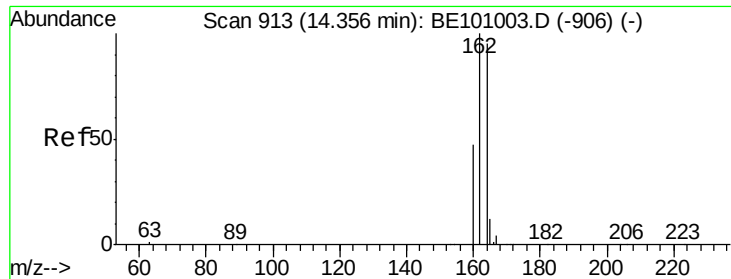


Abundance Ion 142.00 (141.70 to 142.70): E

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

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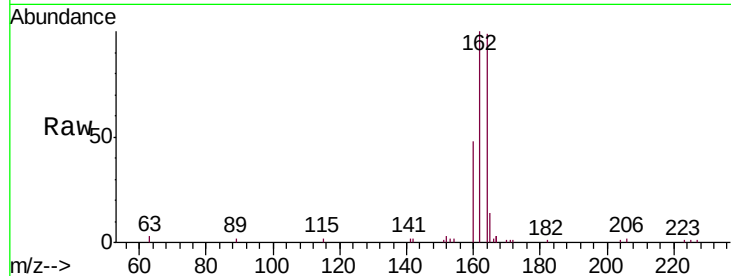
Tgt Ion:164 Resp: 7221

Ion Ratio Lower Upper

164 100

162 101.1 84.1 126.1

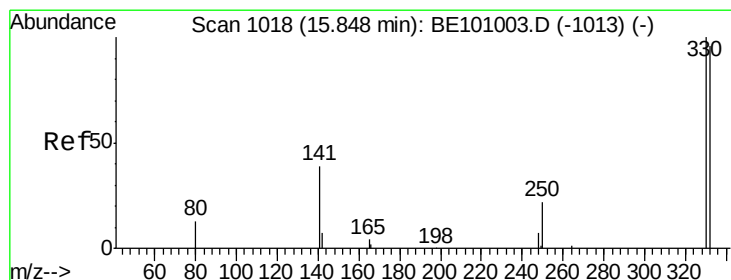
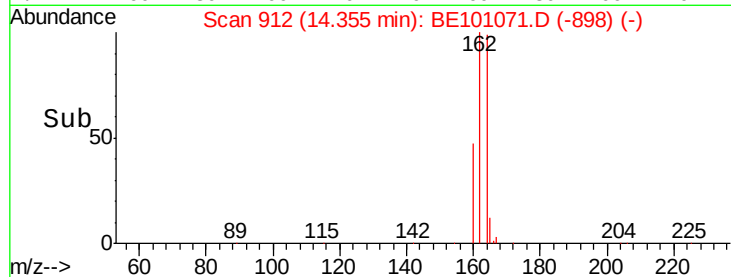
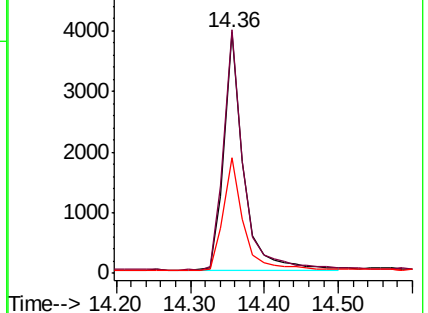
160 48.1 40.4 60.6



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: 0.343 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

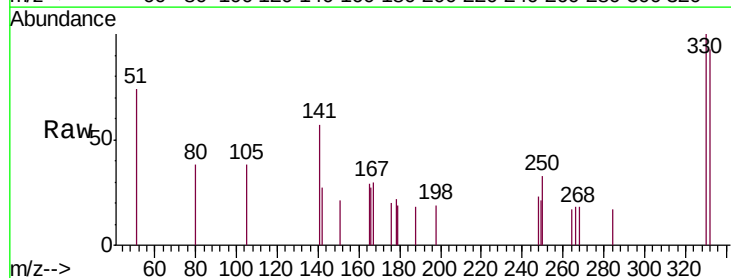
Tgt Ion:330 Resp: 699

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

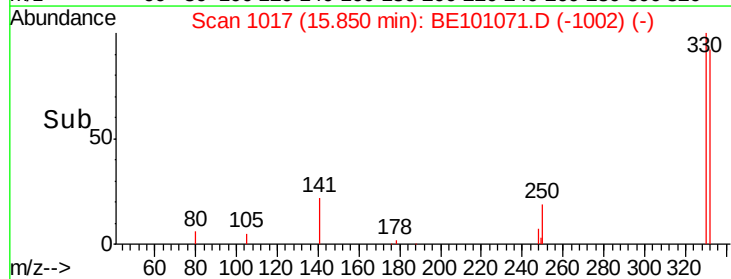
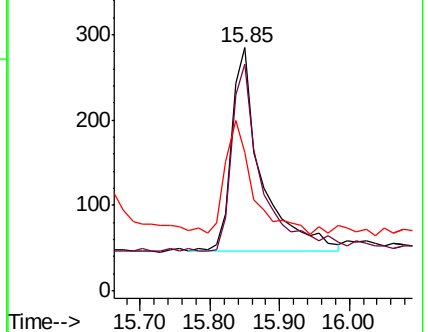
141 52.1 37.0 55.4

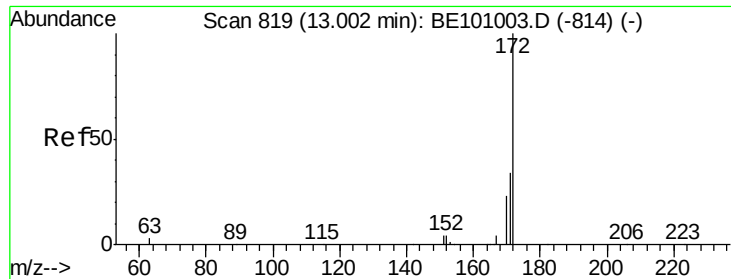


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

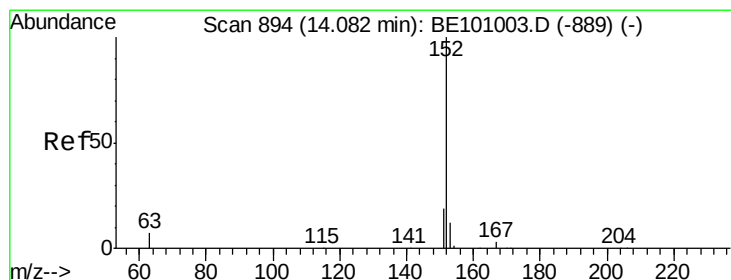
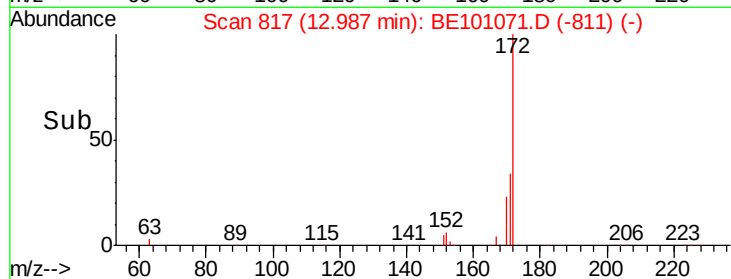
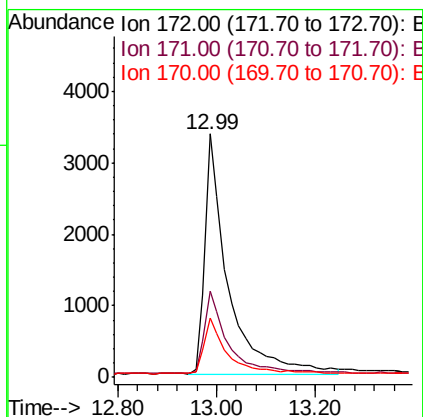
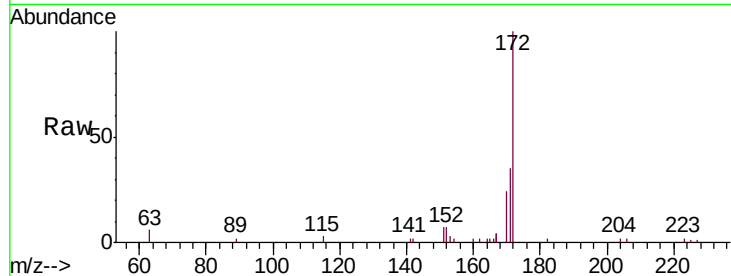




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101071.D
Acq: 16 Jan 2020 11:25

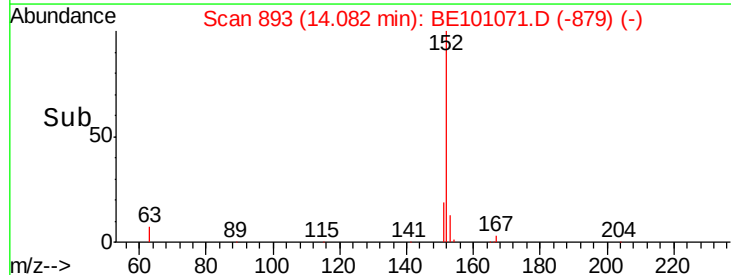
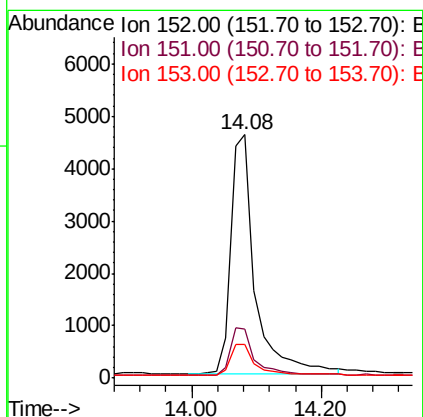
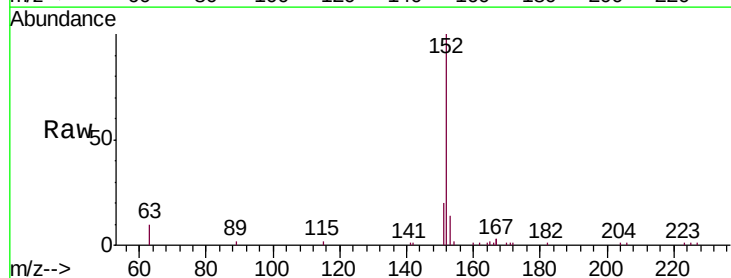
Instrument :
BNA_E
ClientSampleId :
PB126102BS

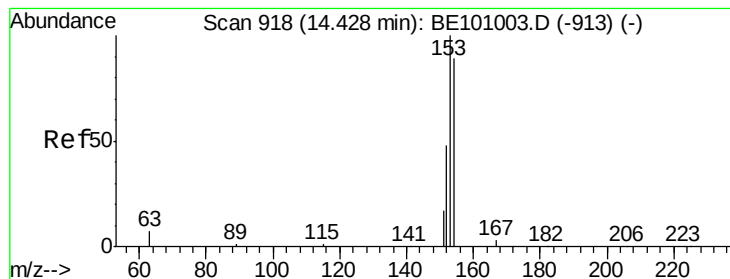
Tgt Ion:172 Resp: 10971
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.1 18.9 28.3



#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101071.D
Acq: 16 Jan 2020 11:25

Tgt Ion:152 Resp: 11972
Ion Ratio Lower Upper
152 100
151 20.3 15.5 23.3
153 13.6 10.4 15.6





#17

Acenaphthene

Concen: 0.389 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.02 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

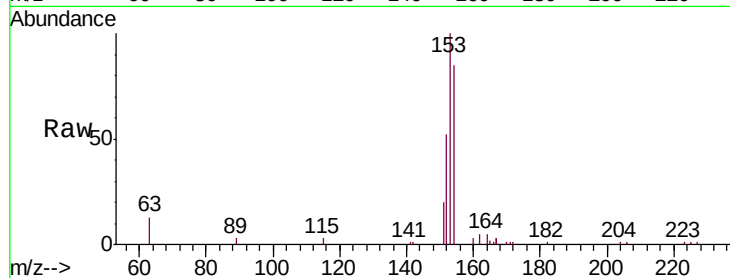
Tgt Ion:154 Resp: 8184

Ion Ratio Lower Upper

154 100

153 115.6 93.6 140.4

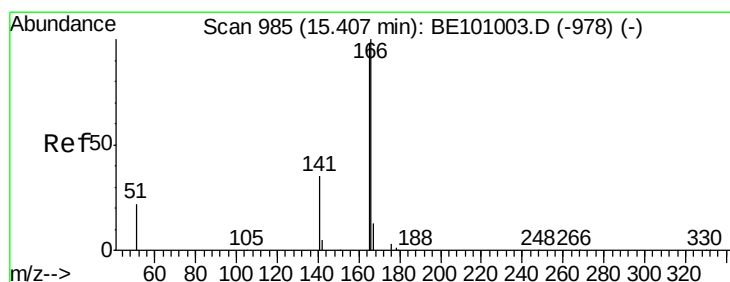
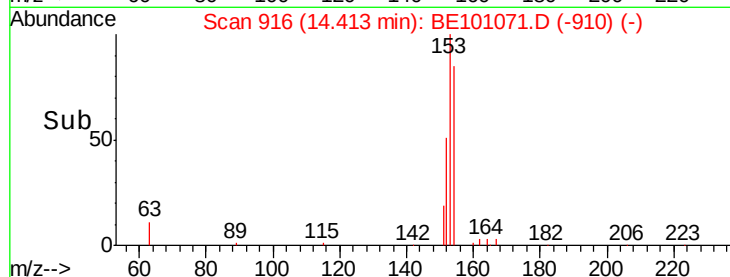
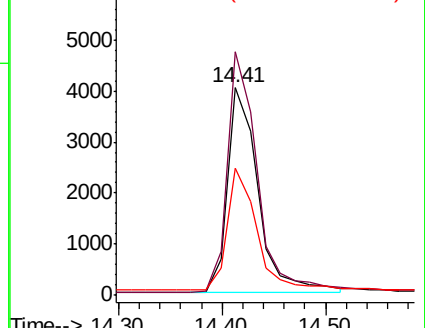
152 58.3 46.3 69.5



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: 0.385 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

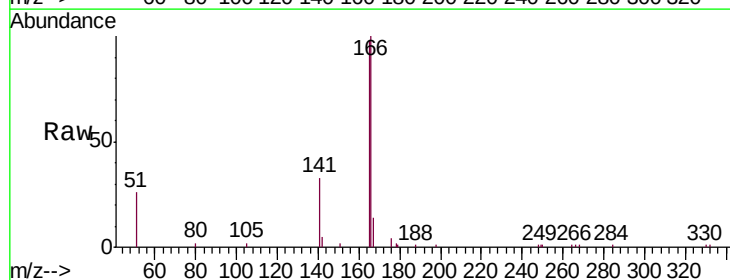
Tgt Ion:166 Resp: 10252

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.8

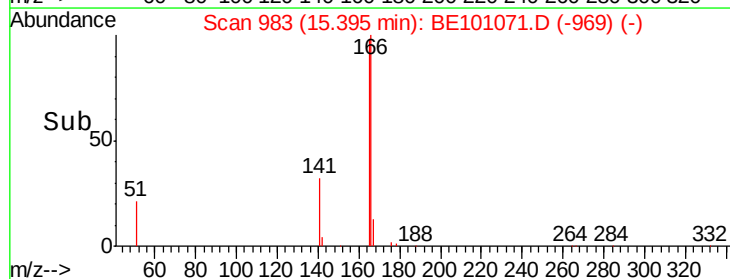
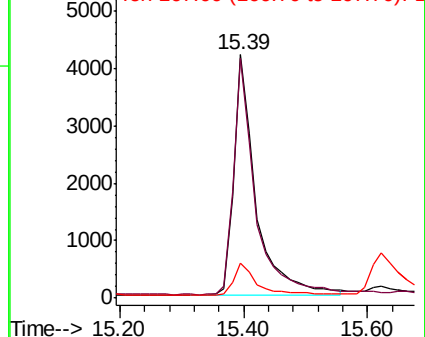
167 13.9 11.0 16.6

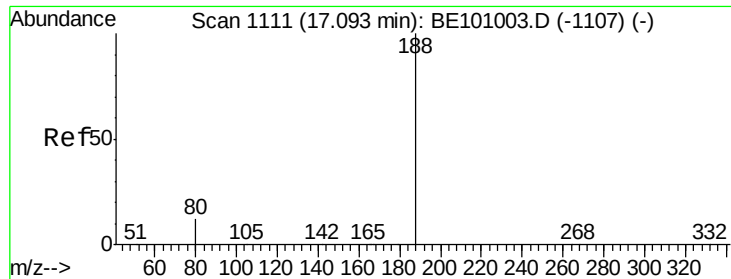


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

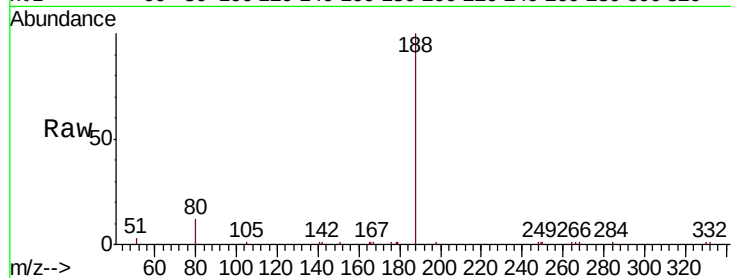
Tgt Ion:188 Resp: 15305

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

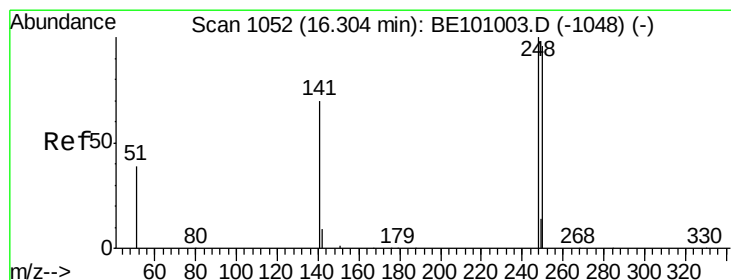
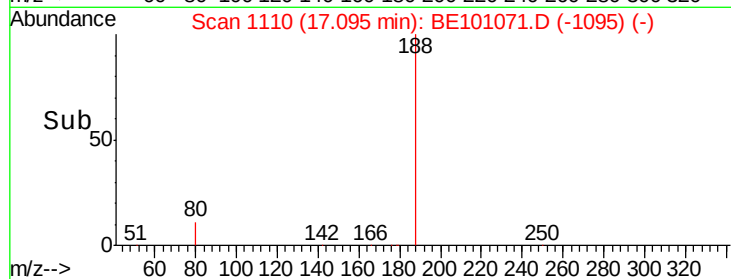
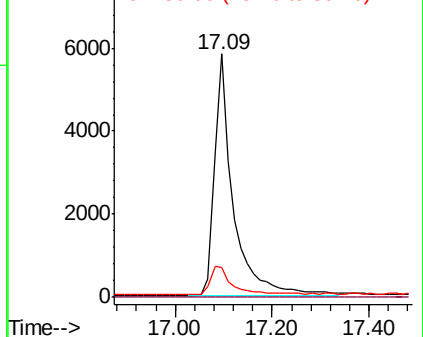
80 12.2 10.8 16.2



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: 0.432 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

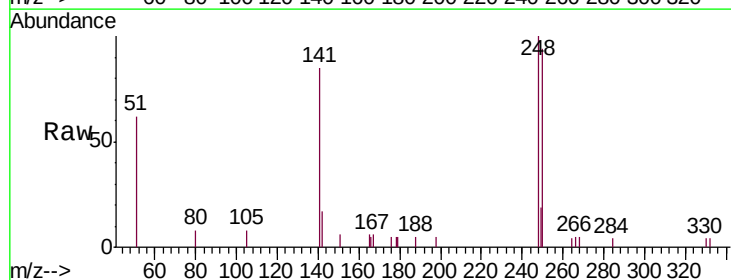
Tgt Ion:248 Resp: 3224

Ion Ratio Lower Upper

248 100

250 94.0 76.6 115.0

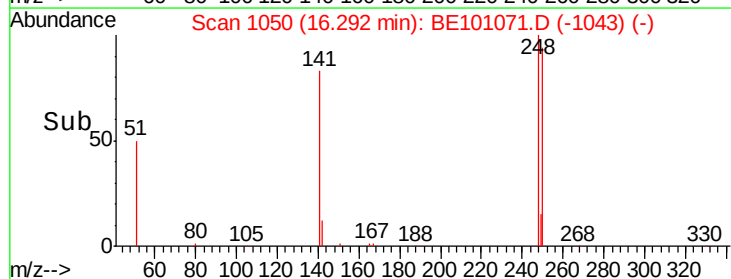
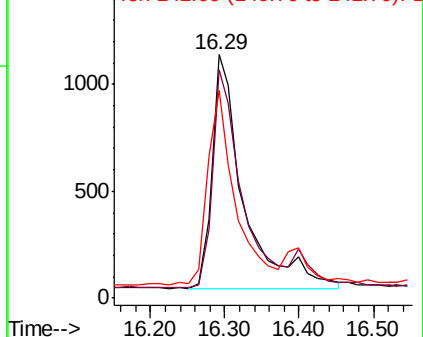
141 85.4 57.7 86.5

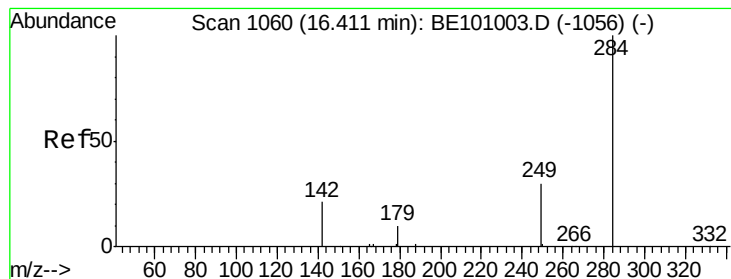


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

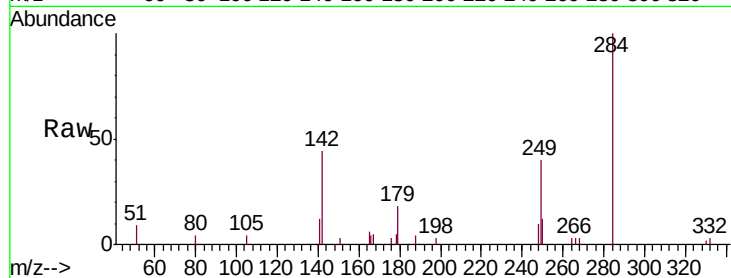
Tgt Ion:284 Resp: 3363

Ion Ratio Lower Upper

284 100

142 41.9 34.0 51.0

249 34.9 28.2 42.4

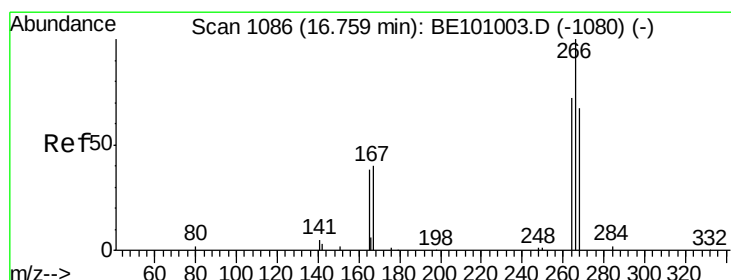
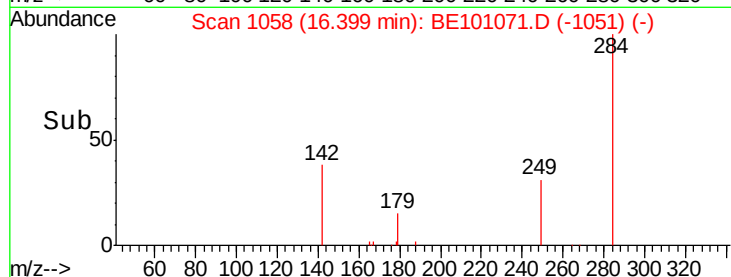
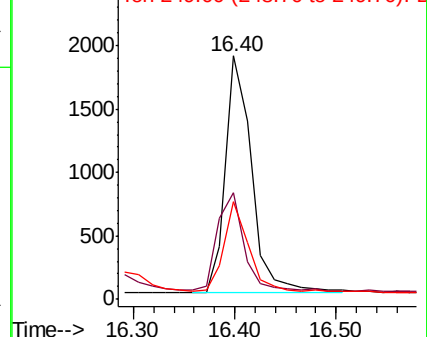


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.477 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

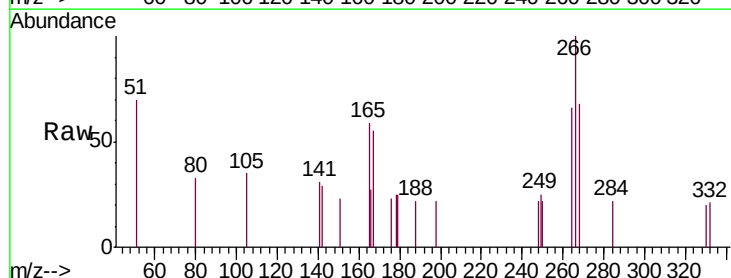
Tgt Ion:266 Resp: 652

Ion Ratio Lower Upper

266 100

264 65.5 61.0 91.4

268 67.7 58.5 87.7

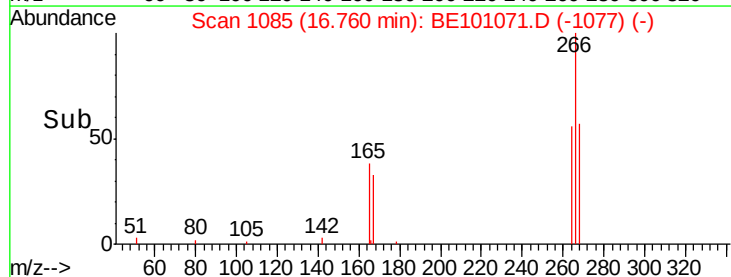
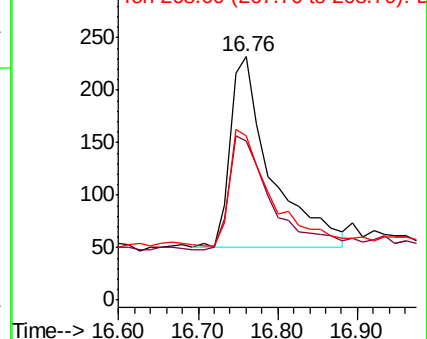


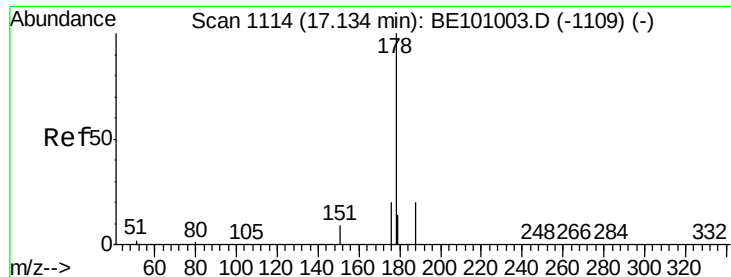
Abundance

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: 0.386 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

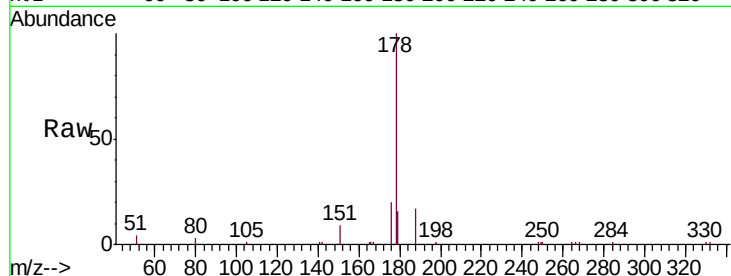
Tgt Ion:178 Resp: 16139

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

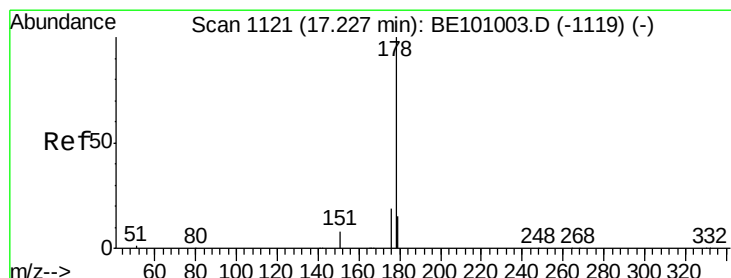
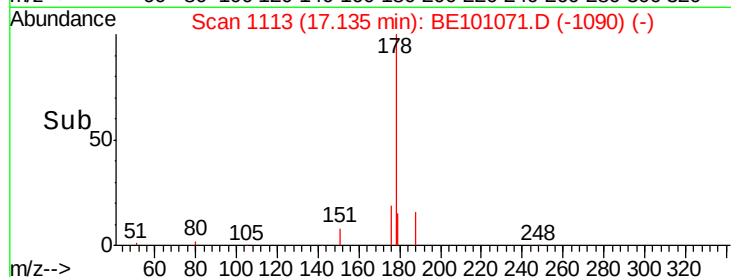
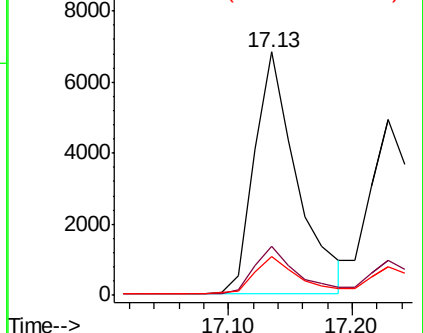
179 15.4 12.0 18.0



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: 0.415 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

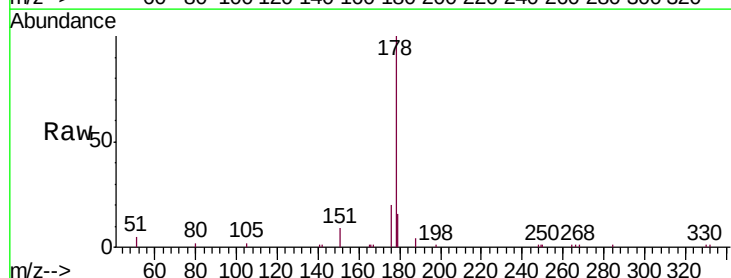
Tgt Ion:178 Resp: 16356

Ion Ratio Lower Upper

178 100

176 17.1 14.8 22.2

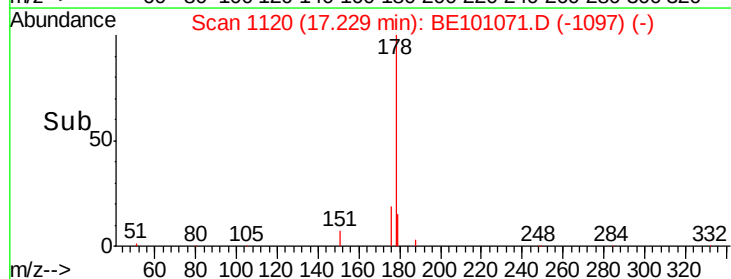
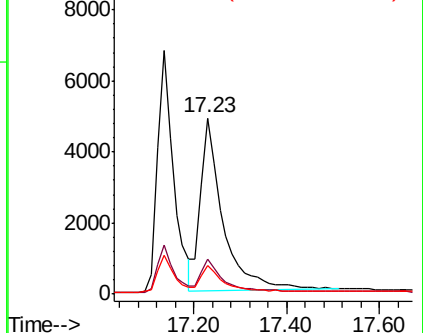
179 14.6 12.4 18.6

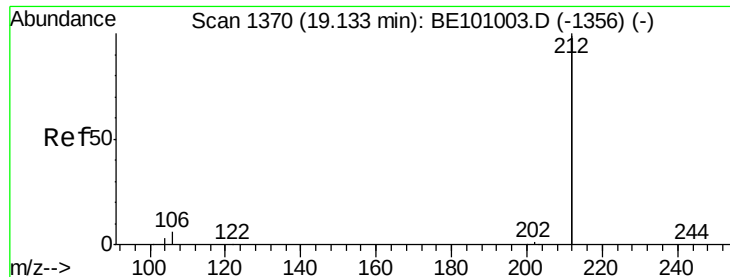


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

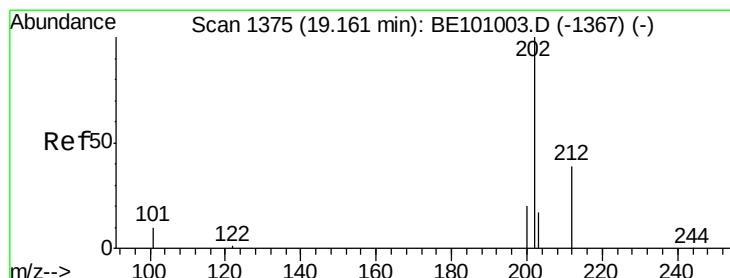
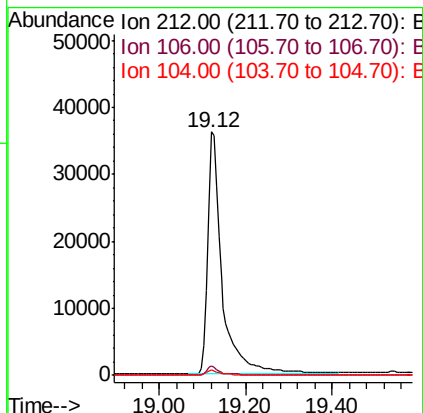
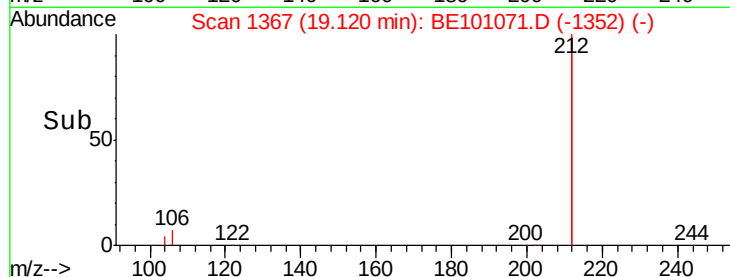
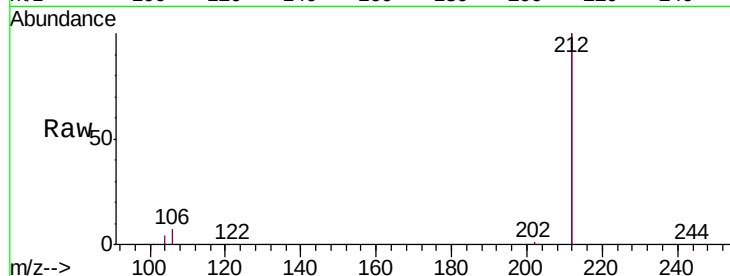
Tgt Ion:212 Resp: 84747

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

104 1.8 1.4 2.0



#26

Fluoranthene

Concen: 0.395 ng

RT: 19.15 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

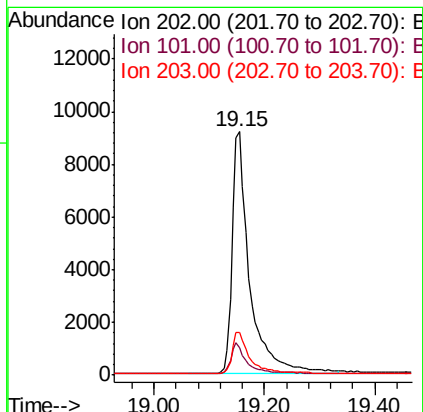
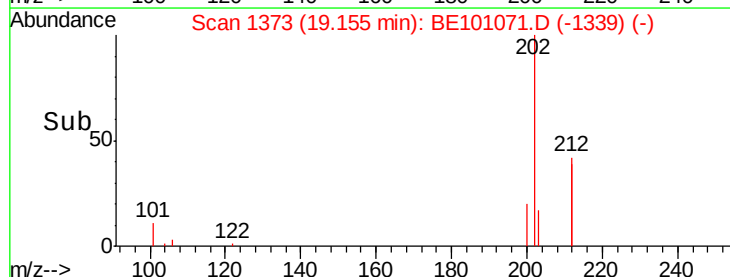
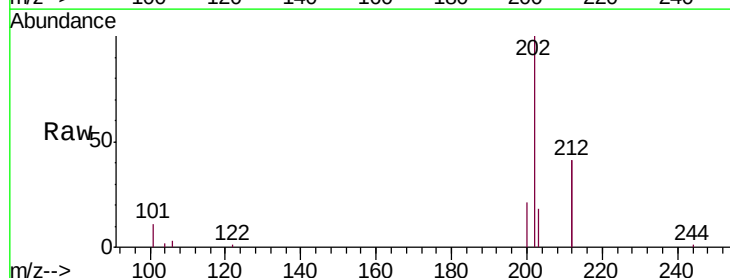
Tgt Ion:202 Resp: 20692

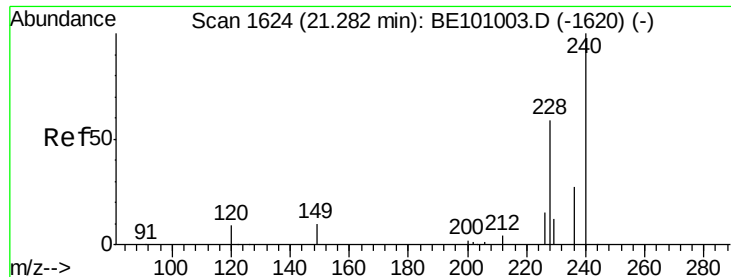
Ion Ratio Lower Upper

202 100

101 11.2 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: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

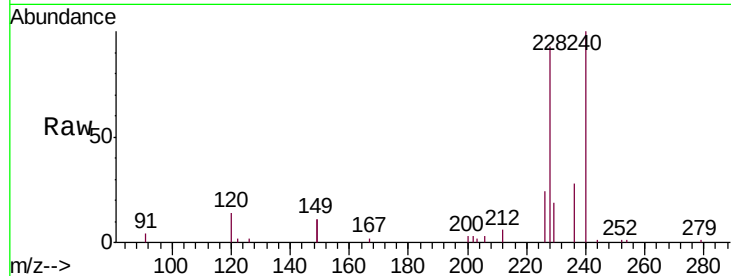
Tgt Ion:240 Resp: 15101

Ion Ratio Lower Upper

240 100

120 13.9 8.6 13.0#

236 28.2 22.2 33.4

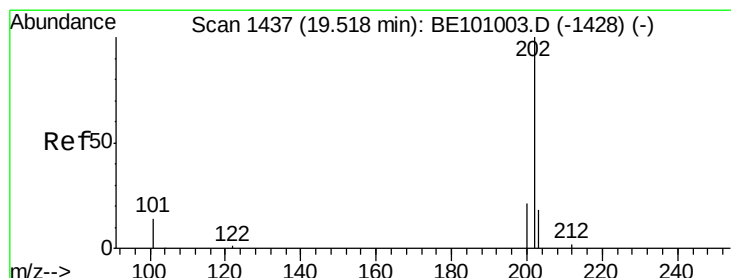
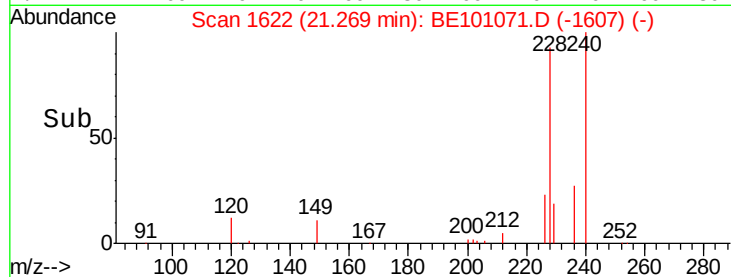
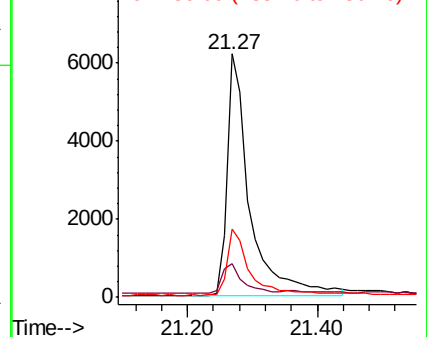


Abundance

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: 0.380 ng

RT: 19.51 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

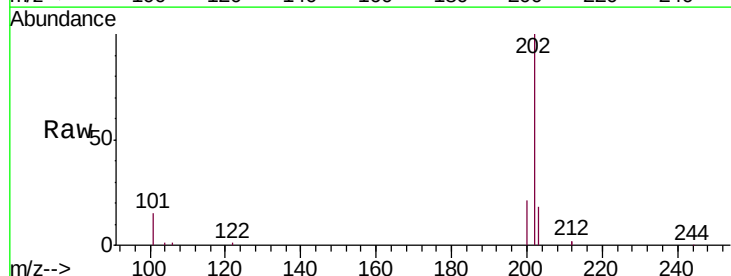
Tgt Ion:202 Resp: 21351

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.6 13.8 20.6

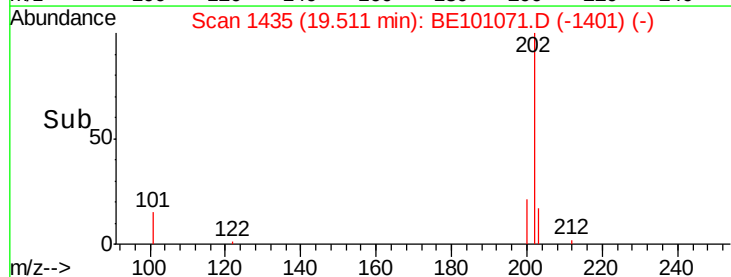
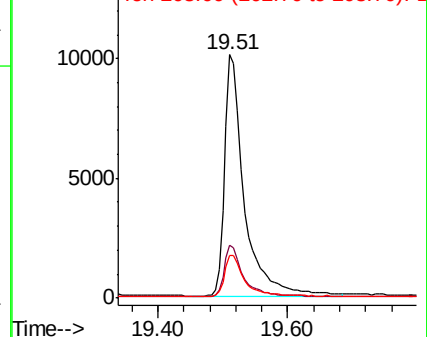


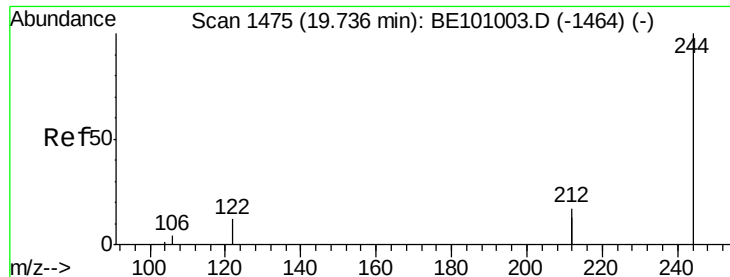
Abundance

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: 0.371 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

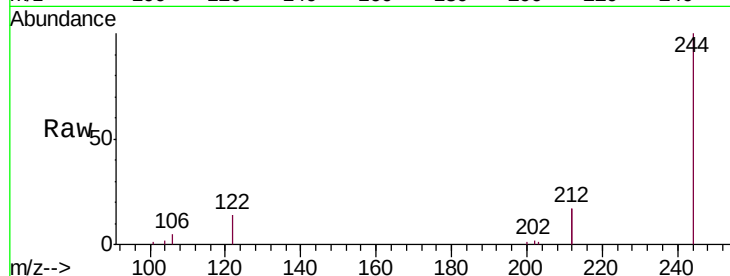
Tgt Ion:244 Resp: 13770

Ion Ratio Lower Upper

244 100

212 34.4 27.2 40.8

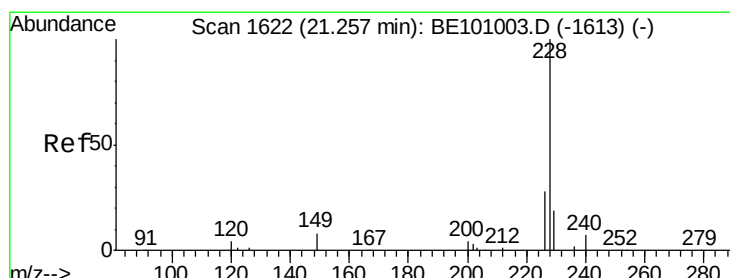
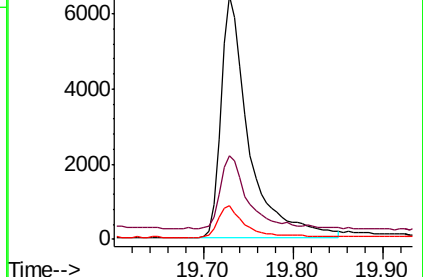
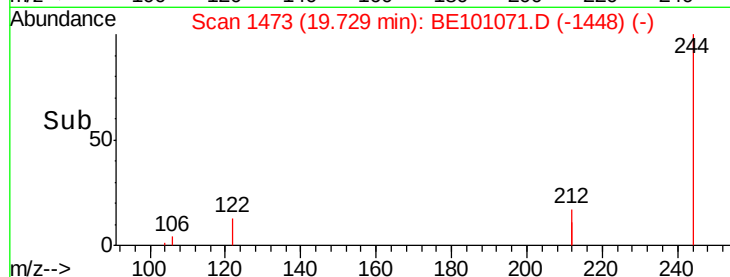
122 13.6 9.8 14.8



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: 0.384 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

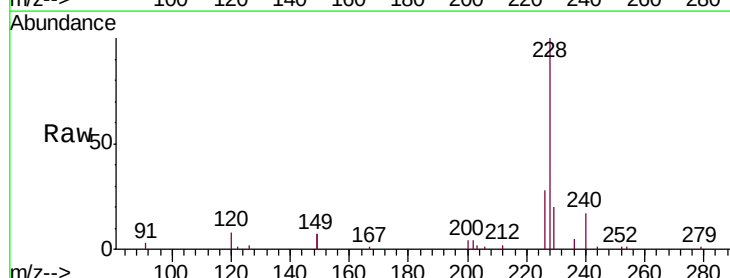
Tgt Ion:228 Resp: 16563

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

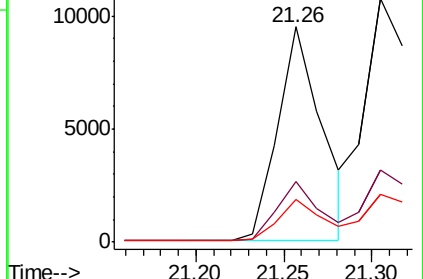
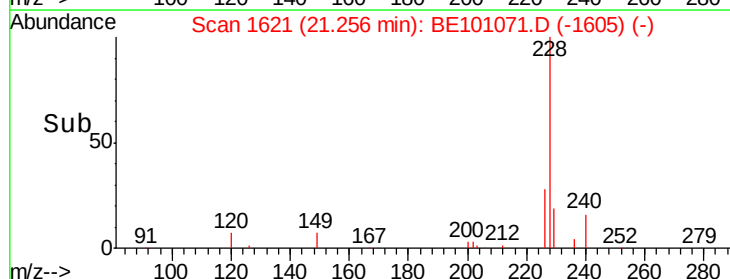
229 19.7 15.5 23.3

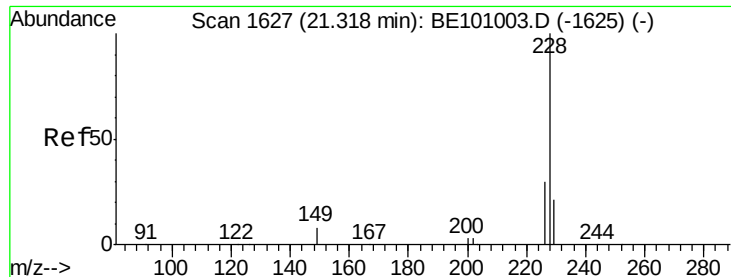


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.431 ng

RT: 21.30 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

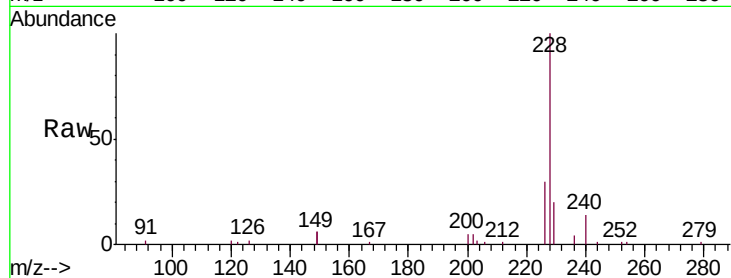
Tgt Ion:228 Resp: 27594

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

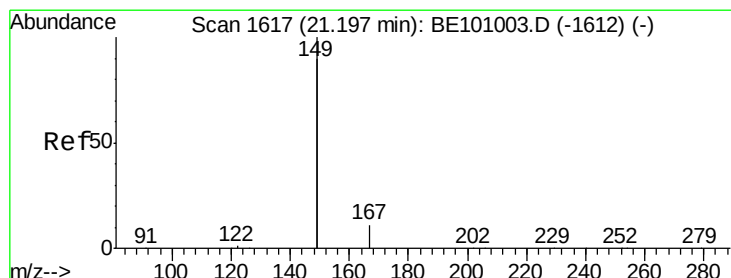
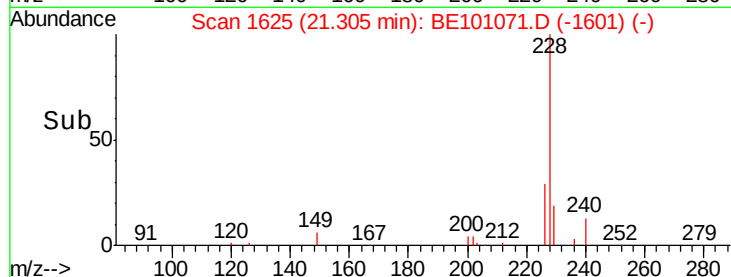
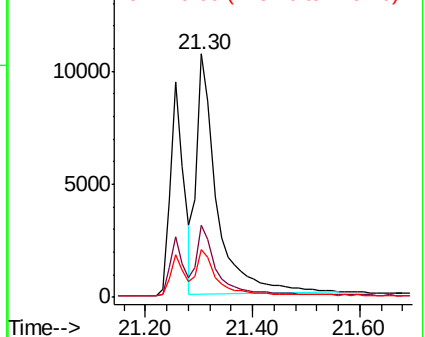
229 19.6 16.7 25.1



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: 0.419 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

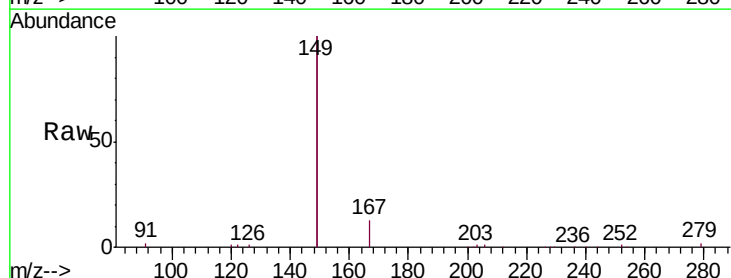
Tgt Ion:149 Resp: 30110

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

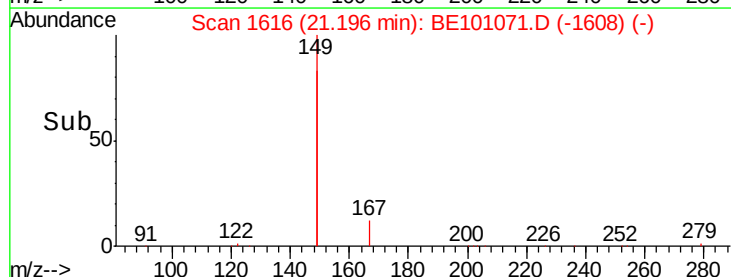
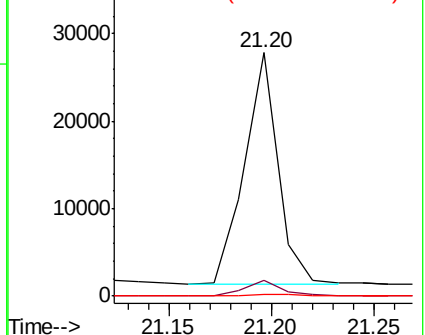
279 0.9 0.8 1.2

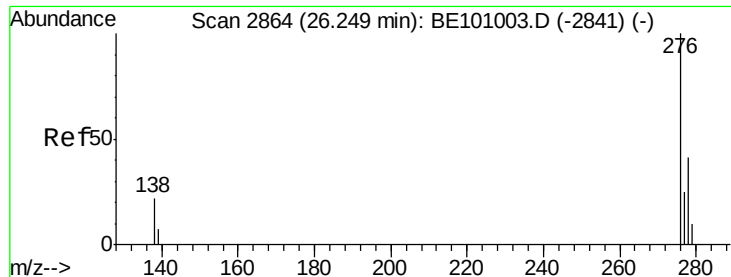


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.517 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

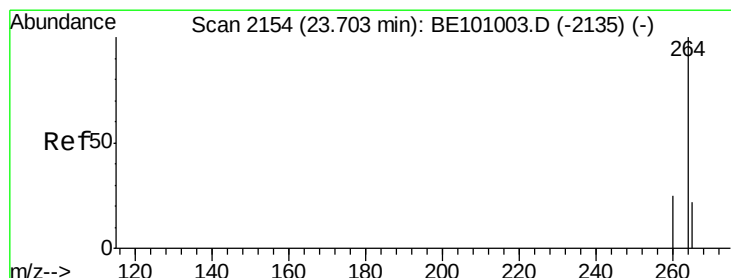
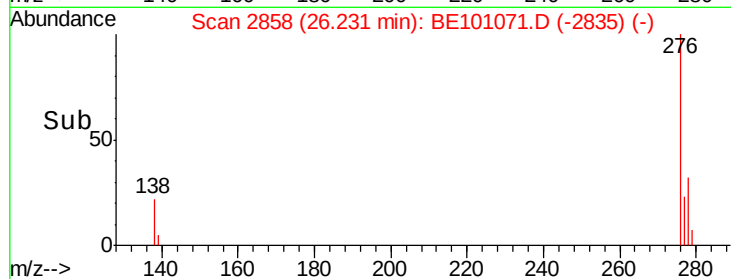
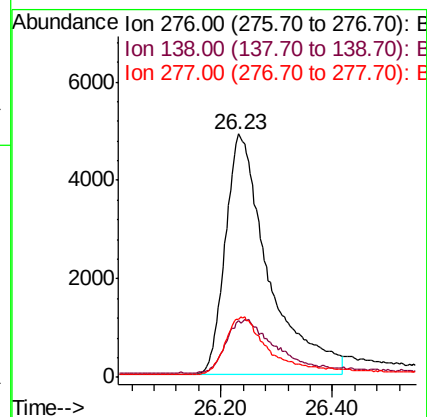
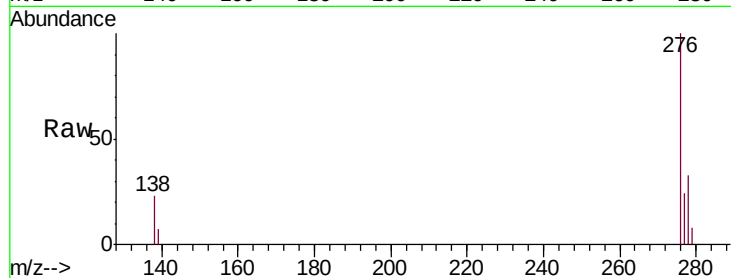
Tgt Ion:276 Resp: 26184

Ion Ratio Lower Upper

276 100

138 24.9 16.1 24.1#

277 23.4 18.1 27.1



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.69 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

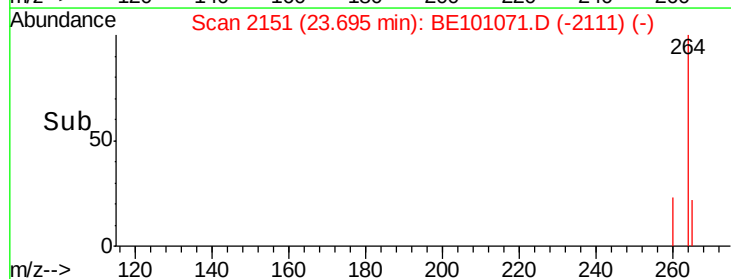
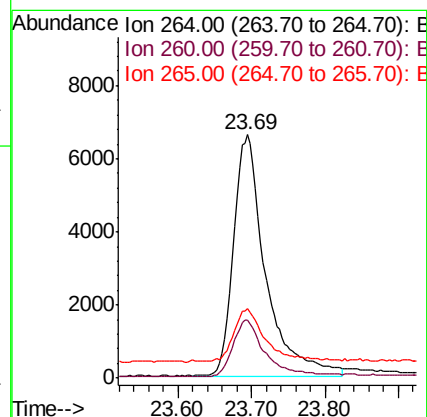
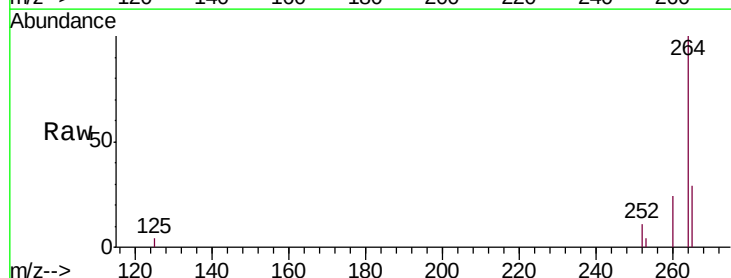
Tgt Ion:264 Resp: 20029

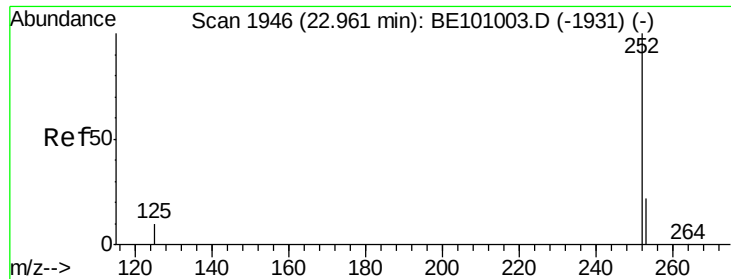
Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 28.8 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.333 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

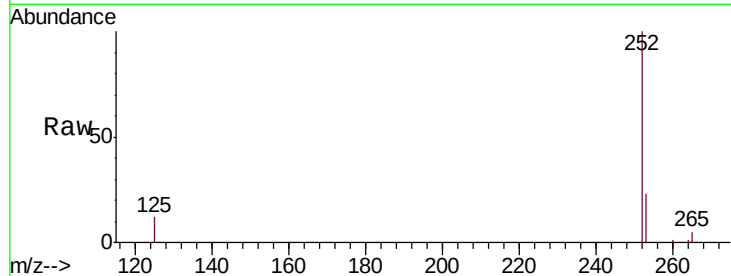
Tgt Ion:252 Resp: 18695

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

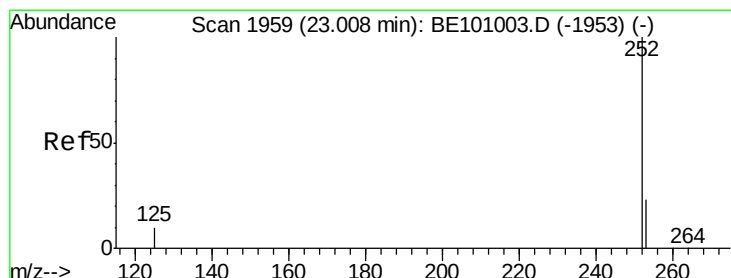
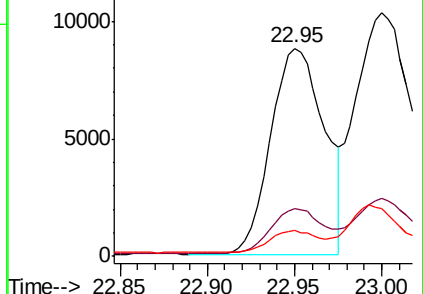
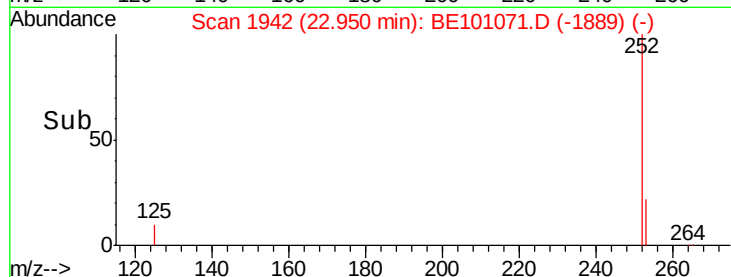
125 12.4 9.5 14.3



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: 0.230 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.06 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

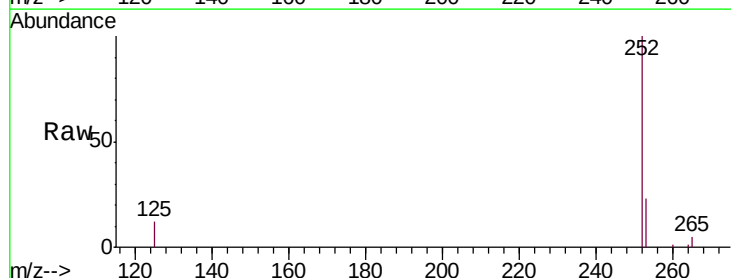
Tgt Ion:252 Resp: 18695

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

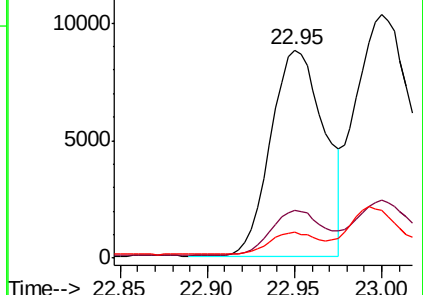
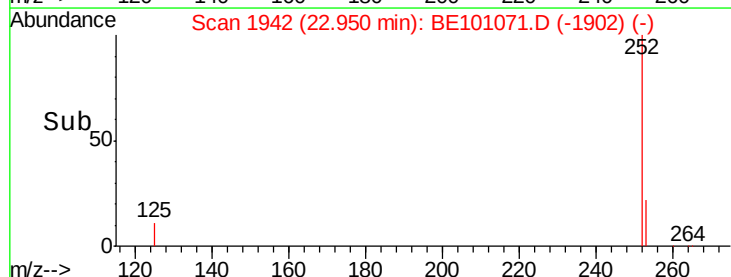
125 12.4 10.1 15.1

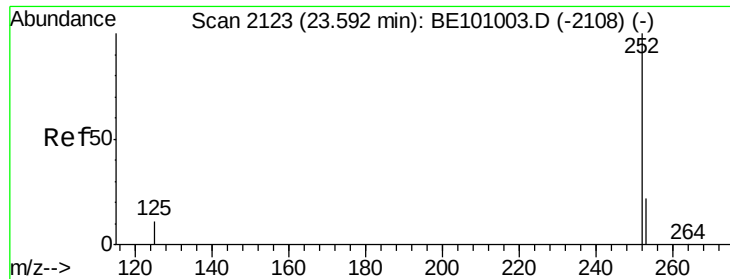


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.407 ng

RT: 23.58 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS

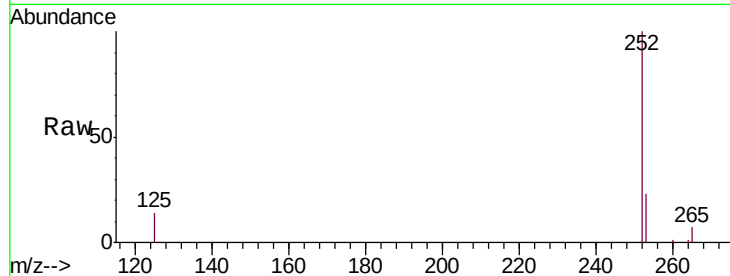
Tgt Ion:252 Resp: 22119

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

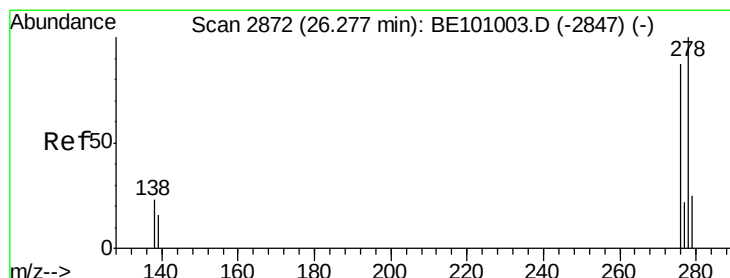
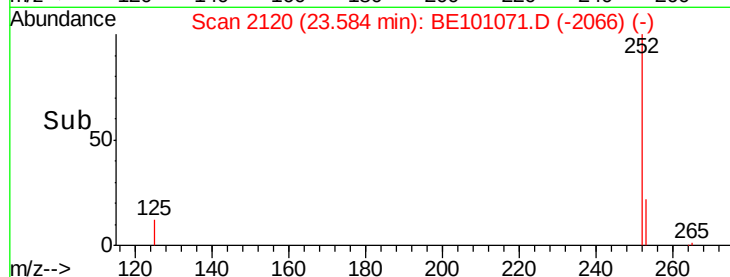
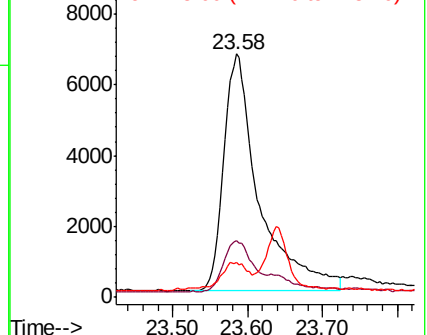
125 14.4 11.8 17.6



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: 0.410 ng

RT: 26.26 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE101071.D

Acq: 16 Jan 2020 11:25

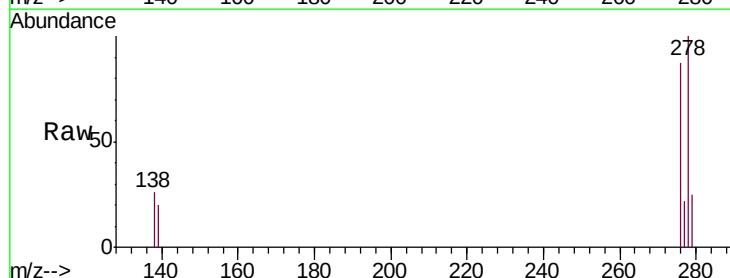
Tgt Ion:278 Resp: 20491

Ion Ratio Lower Upper

278 100

139 19.9 15.0 22.4

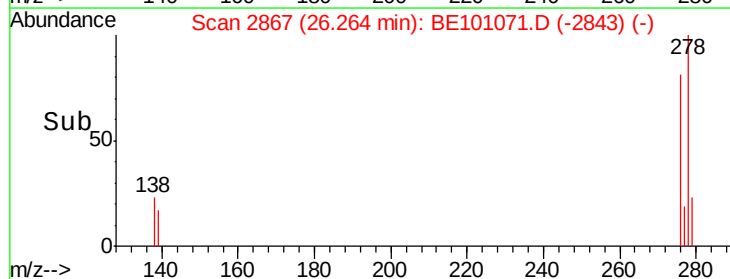
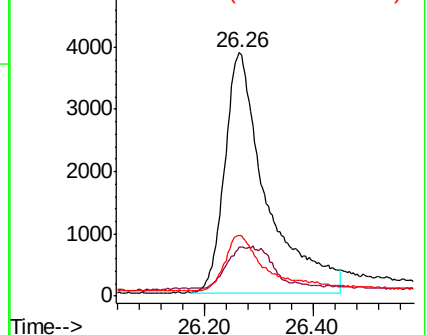
279 24.7 22.6 33.8

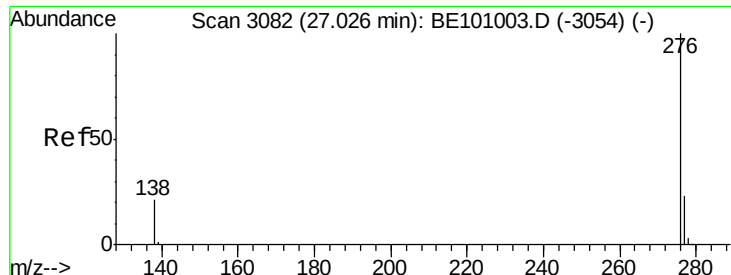


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.377 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BE101071.D

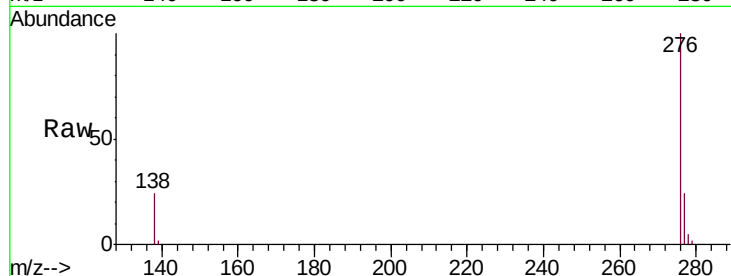
Acq: 16 Jan 2020 11:25

Instrument :

BNA_E

ClientSampleId :

PB126102BS



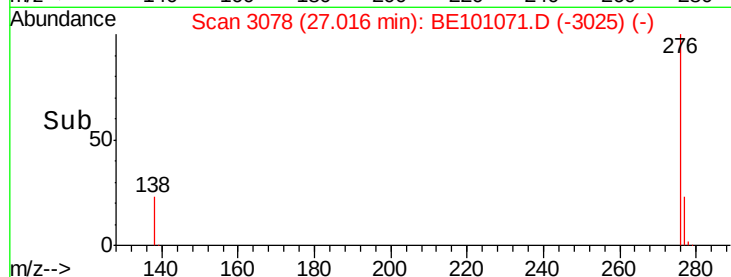
Tgt Ion: 276 Resp: 23145

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 24.1 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

