

Data File : BE101072.D
Acq On : 16 Jan 2020 12:03
Operator : JU
Sample : PB126102BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Quant Time: Jan 17 07:44:13 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	2889	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	12177	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7102	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	14878	0.40	ng	0.00
27) Chrysene-d12	21.27	240	14899	0.40	ng	-0.01
34) Perylene-d12	23.69	264	20513	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	2780	0.43	ng	-0.01
5) Phenol-d6	6.91	99	3252	0.40	ng	-0.01
8) Nitrobenzene-d5	8.87	82	3179	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	9357	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	676	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	10864	0.40	ng	-0.01
25) Fluoranthene-d10	19.12	212	82680	0.40	ng	-0.01
29) Terphenyl-d14	19.73	244	13215	0.36	ng	0.00

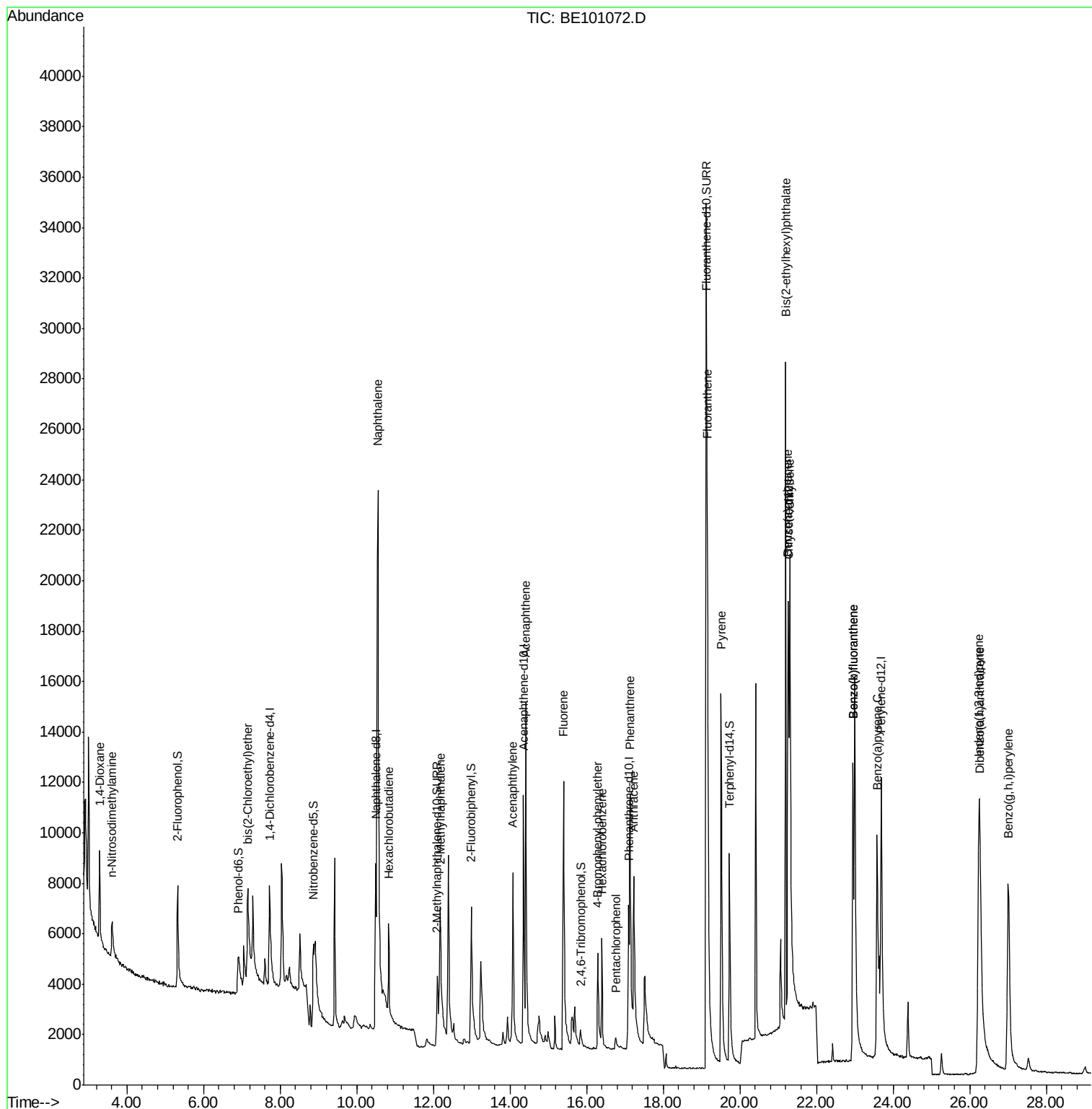
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	2802	0.403	ng	97
3) n-Nitrosodimethylamine	3.61	42	1409	0.351	ng	# 92
6) bis(2-Chloroethyl)ether	7.16	93	3060	0.312	ng	# 84
9) Naphthalene	10.55	128	56577	0.418	ng	100
10) Hexachlorobutadiene	10.84	225	2543	0.444	ng	97
12) 2-Methylnaphthalene	12.18	142	7865	0.385	ng	95
16) Acenaphthylene	14.07	152	11703	0.405	ng	99
17) Acenaphthene	14.41	154	8313	0.402	ng	99
18) Fluorene	15.40	166	10044	0.384	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	3146	0.434	ng	# 90
21) Hexachlorobenzene	16.40	284	3463	0.435	ng	98
22) Pentachlorophenol	16.76	266	538	0.443	ng	93
23) Phenanthrene	17.14	178	15436	0.380	ng	99
24) Anthracene	17.23	178	16154	0.421	ng	100
26) Fluoranthene	19.15	202	20134	0.396	ng	100
28) Pyrene	19.51	202	20996	0.379	ng	99
30) Benzo(a)anthracene	21.26	228	15685	0.369	ng	99
31) Chrysene	21.31	228	27352	0.433	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	28602	0.404	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	24618	0.493	ng	# 91
35) Benzo(b)fluoranthene	22.95	252	18795	0.327	ng	99
36) Benzo(k)fluoranthene	22.95	252	18795	0.225	ng	98
37) Benzo(a)pyrene	23.58	252	22119	0.397	ng	98
38) Dibenzo(a,h)anthracene	26.27	278	19913	0.389	ng	94
39) Benzo(g,h,i)perylene	27.00	276	22853	0.363	ng	100

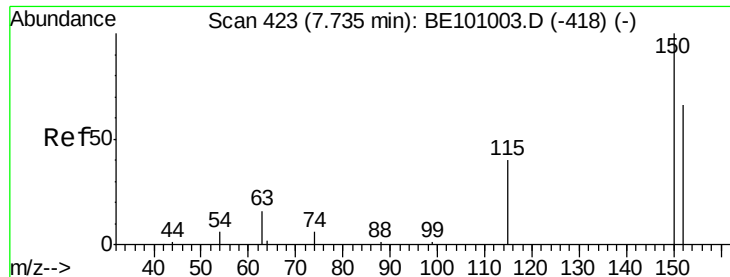
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BE101072.D
Acq On : 16 Jan 2020 12:03
Operator : JU
Sample : PB126102BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Quant Time: Jan 17 07:44:13 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

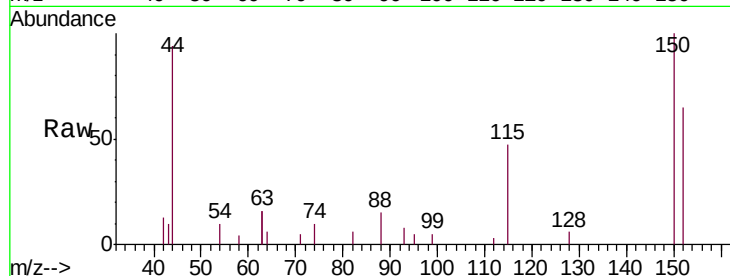
Tgt Ion:152 Resp: 2889

Ion Ratio Lower Upper

152 100

150 153.8 120.3 180.5

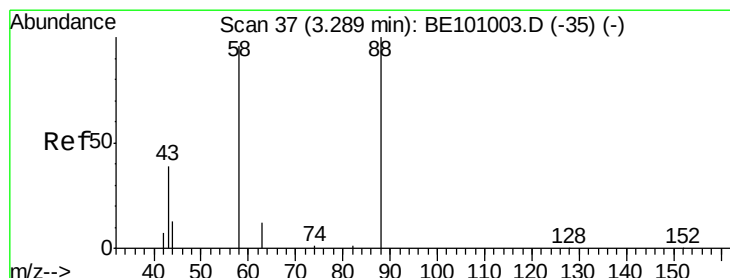
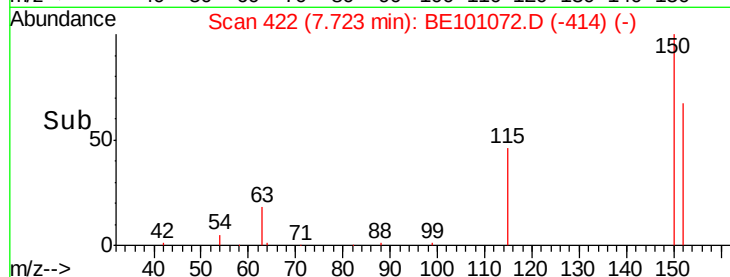
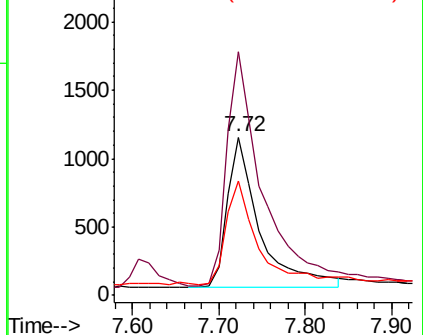
115 71.8 51.7 77.5



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: 0.403 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

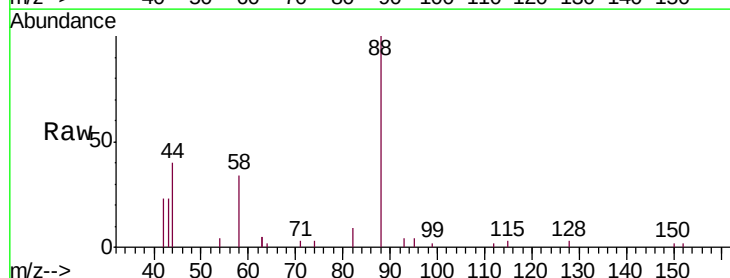
Tgt Ion: 88 Resp: 2802

Ion Ratio Lower Upper

88 100

58 69.7 53.0 79.4

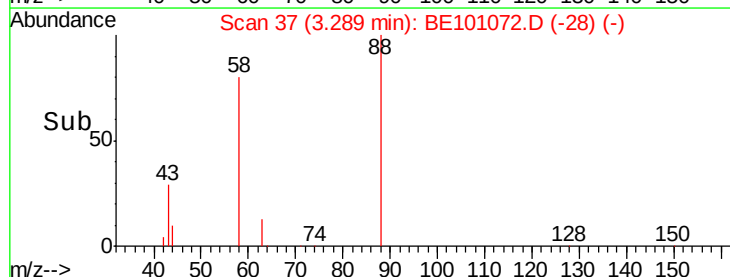
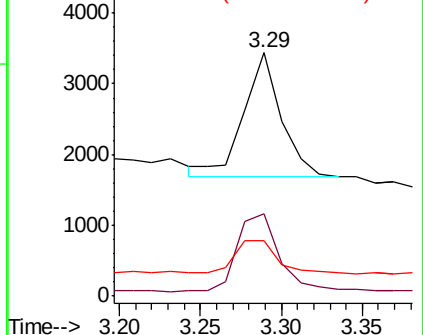
43 29.3 23.4 35.2

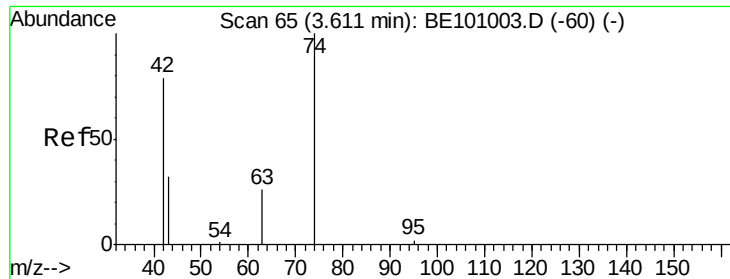


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.351 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

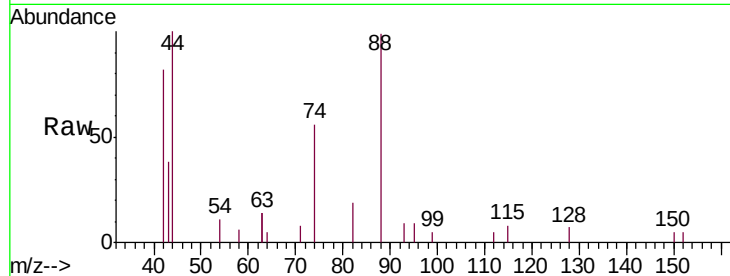
Tgt Ion: 42 Resp: 1409

Ion Ratio Lower Upper

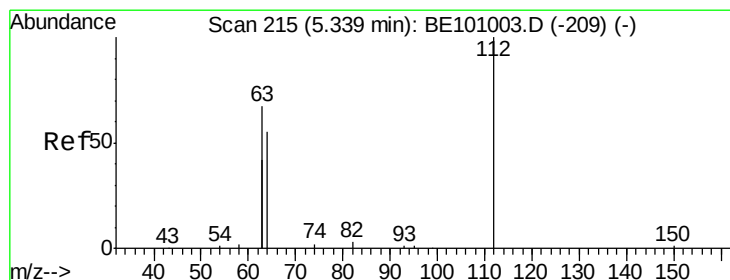
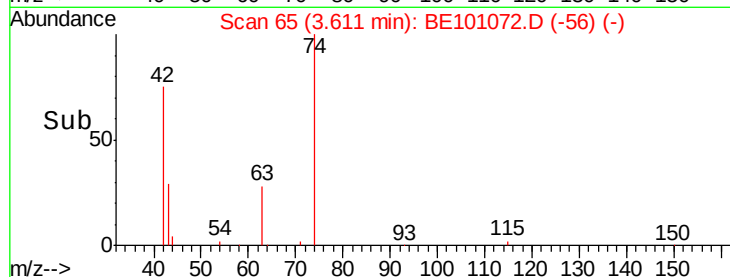
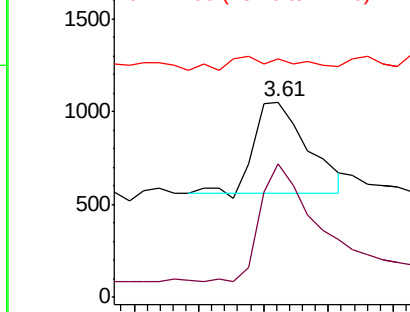
42 100

74 125.9 105.7 158.5

44 0.0 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: 0.428 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

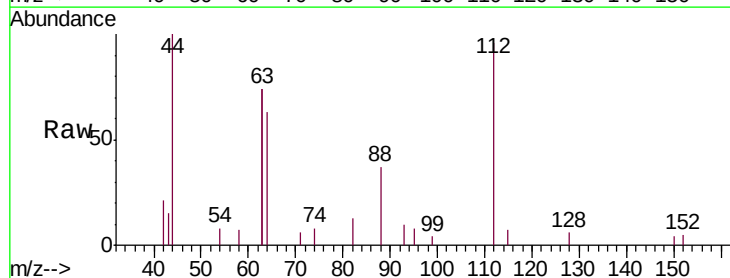
Tgt Ion: 112 Resp: 2780

Ion Ratio Lower Upper

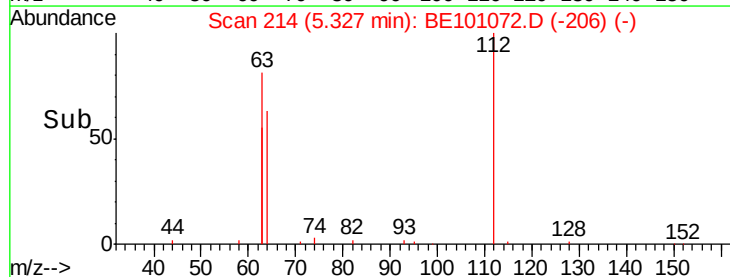
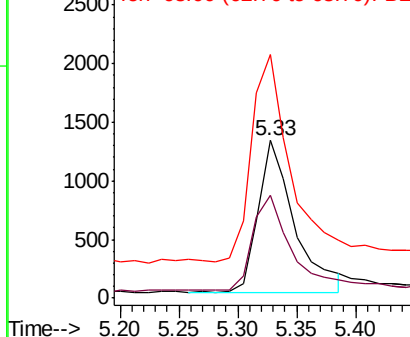
112 100

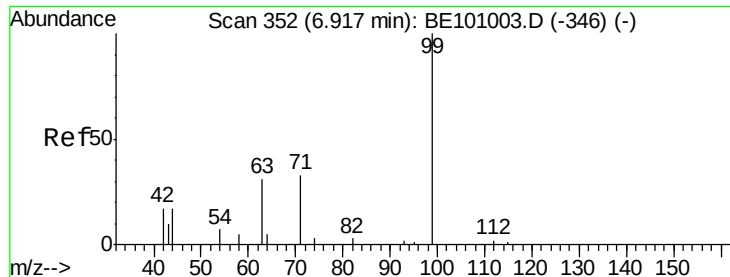
64 67.1 53.6 80.4

63 147.0 114.6 172.0



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: 0.395 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

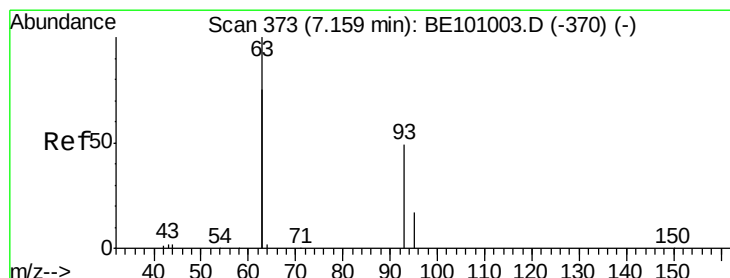
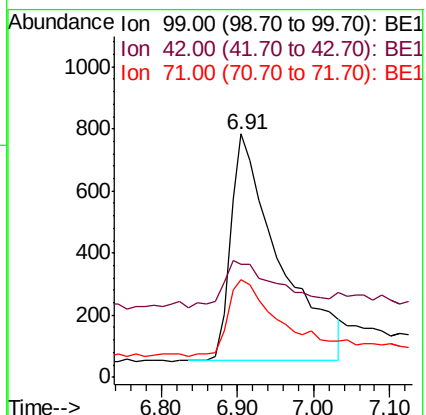
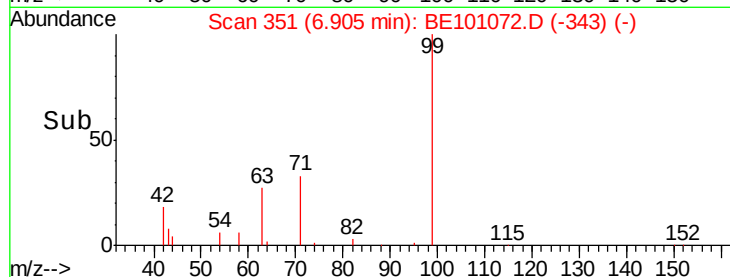
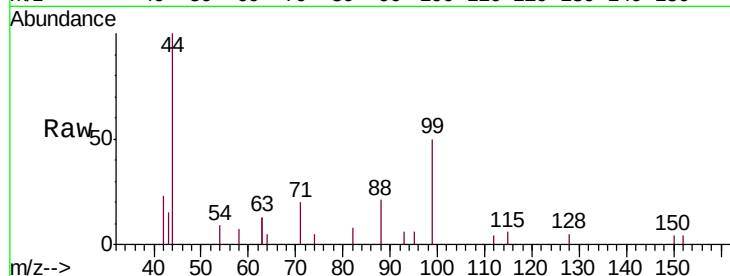
Tgt Ion: 99 Resp: 3252

Ion Ratio Lower Upper

99 100

42 22.9 18.3 27.5

71 36.3 28.0 42.0



#6

bis(2-Chloroethyl)ether

Concen: 0.312 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

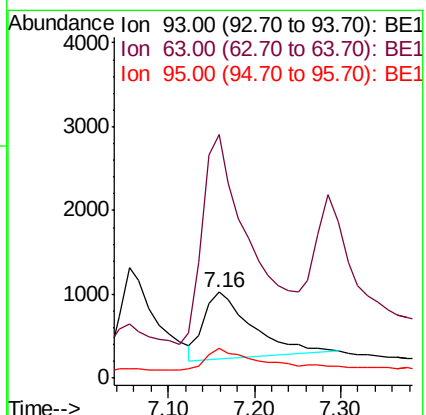
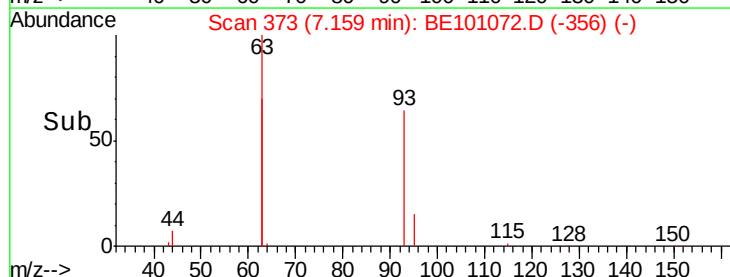
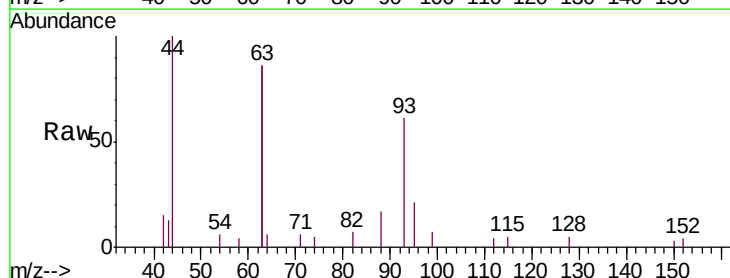
Tgt Ion: 93 Resp: 3060

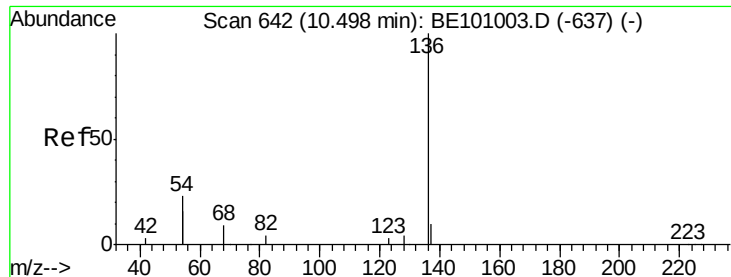
Ion Ratio Lower Upper

93 100

63 323.5 233.9 350.9

95 37.1 23.5 35.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

Tgt Ion: 136 Resp: 12177

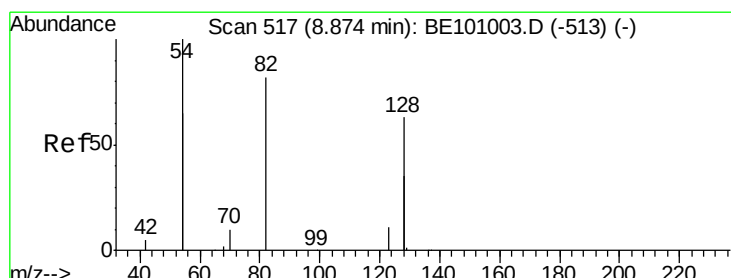
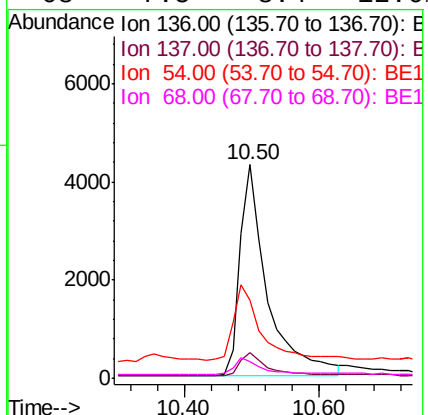
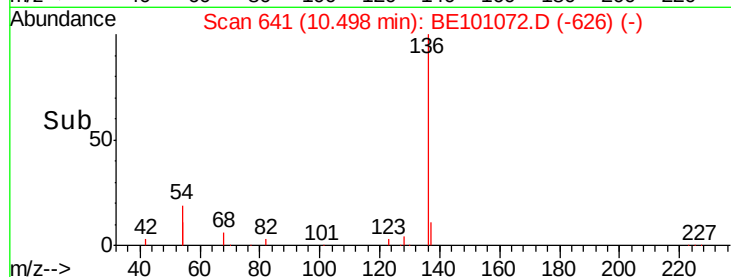
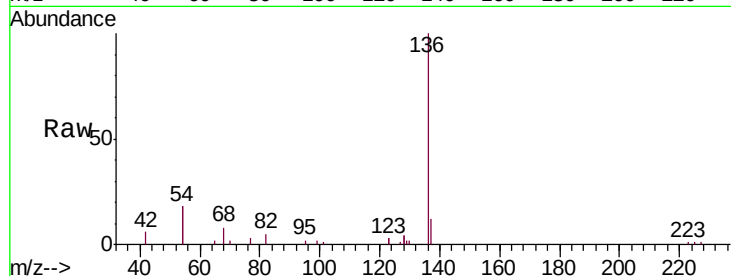
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 36.8 36.8 55.2#

68 7.5 8.4 12.6#



#8

Nitrobenzene-d5

Concen: 0.365 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

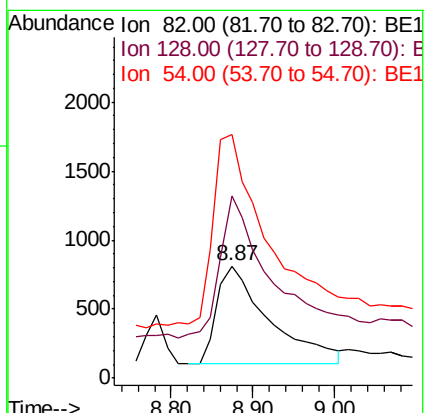
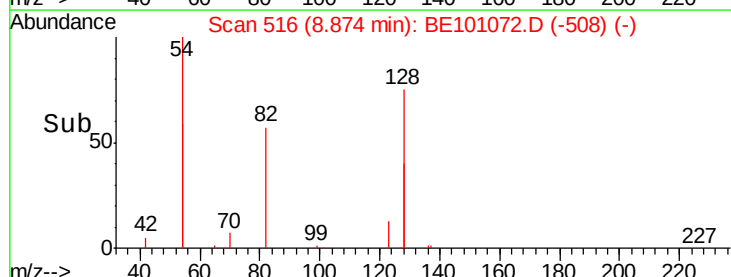
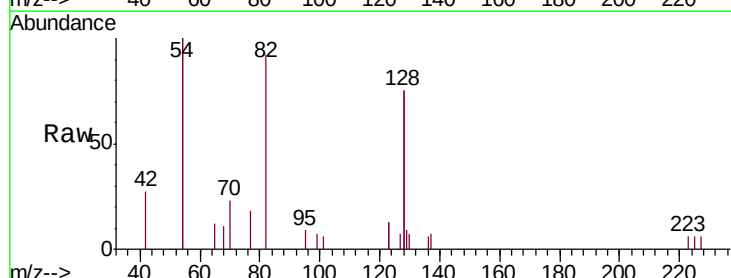
Tgt Ion: 82 Resp: 3179

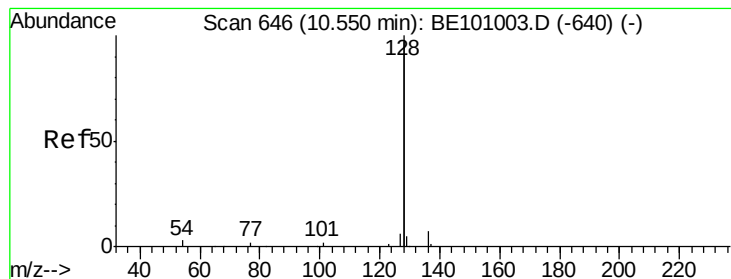
Ion Ratio Lower Upper

82 100

128 162.1 109.8 164.6

54 217.2 174.5 261.7





#9

Naphthalene

Concen: 0.418 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

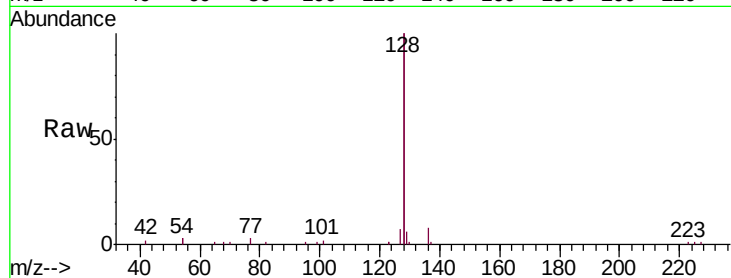
Tgt Ion:128 Resp: 56577

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

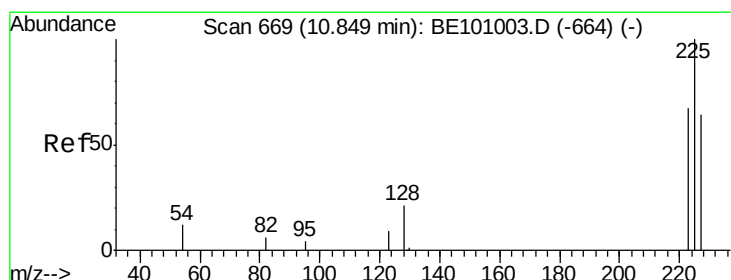
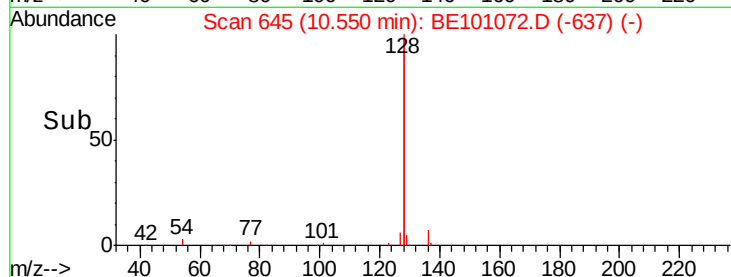
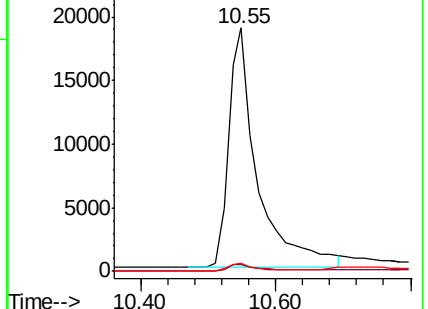
127 3.4 2.7 4.1



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: 0.444 ng

RT: 10.84 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

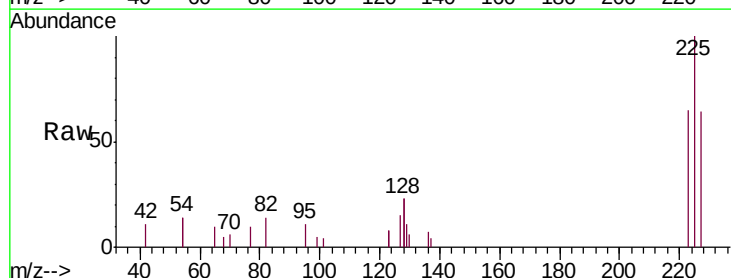
Tgt Ion:225 Resp: 2543

Ion Ratio Lower Upper

225 100

223 61.8 52.2 78.4

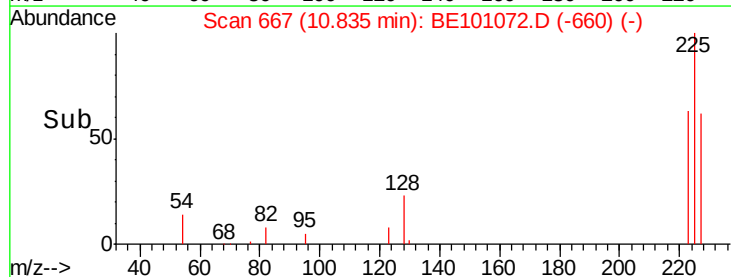
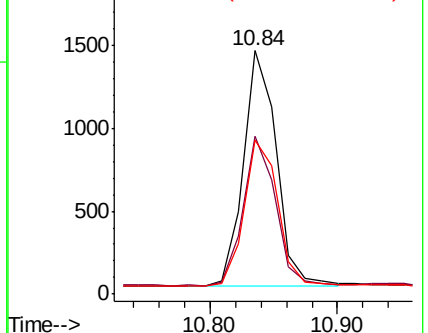
227 64.2 49.9 74.9

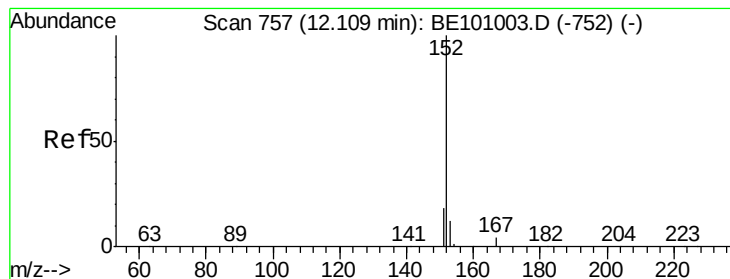


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

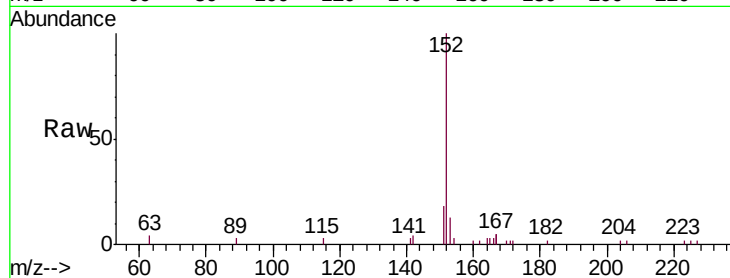
PB126102BSD

Tgt Ion:152 Resp: 9357

Ion Ratio Lower Upper

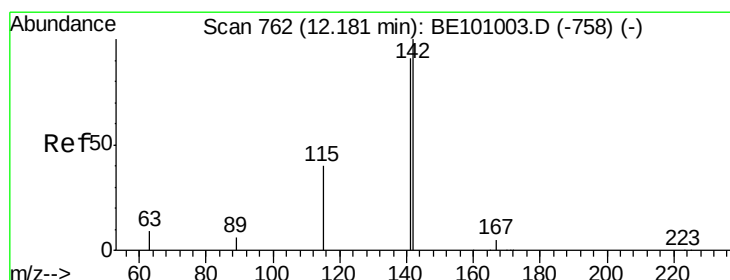
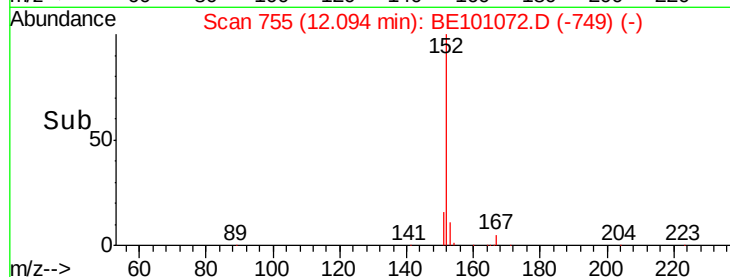
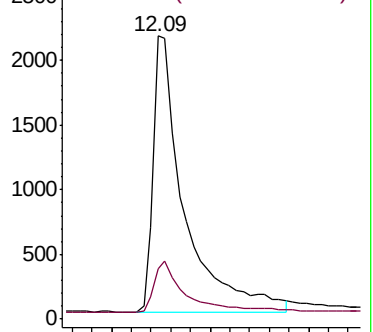
152 100

151 18.0 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: 0.385 ng

RT: 12.18 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

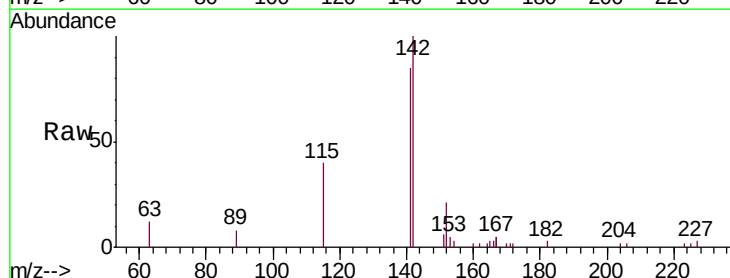
Tgt Ion:142 Resp: 7865

Ion Ratio Lower Upper

142 100

141 85.1 72.5 108.7

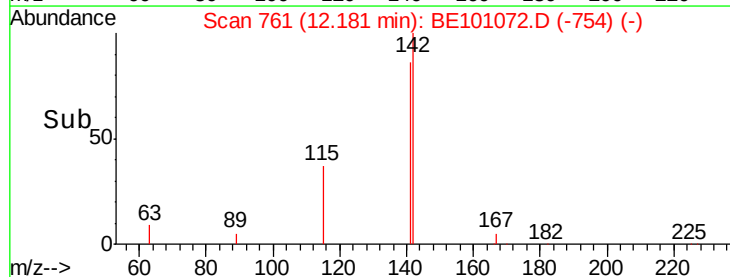
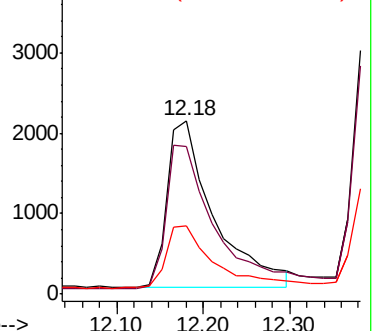
115 39.5 33.0 49.6

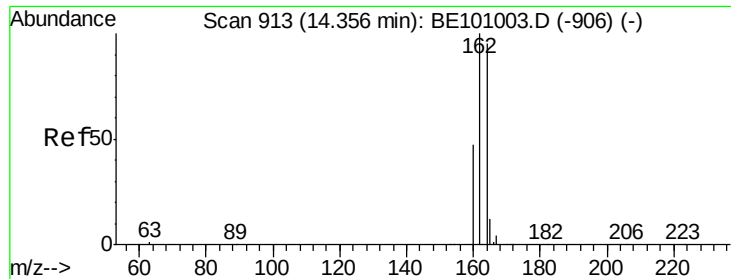


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.36 min Scan# 912

Delta R.T. 0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

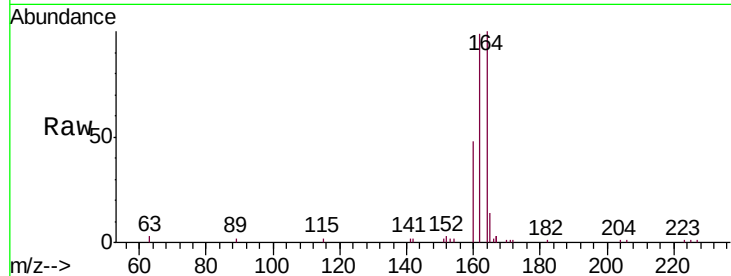
Tgt Ion:164 Resp: 7102

Ion Ratio Lower Upper

164 100

162 99.3 84.1 126.1

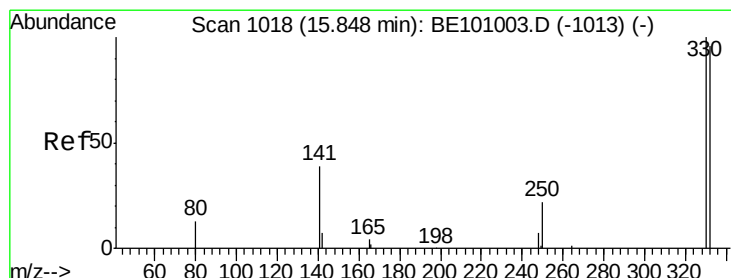
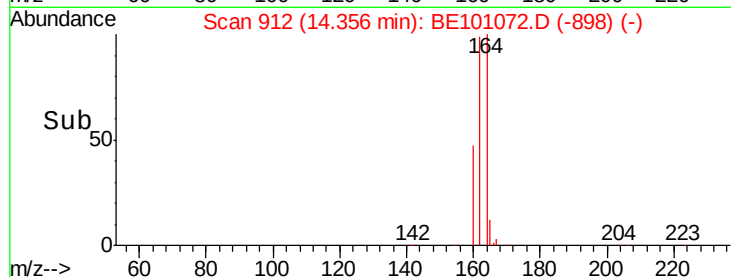
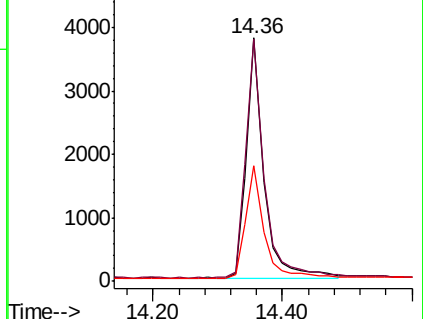
160 47.7 40.4 60.6



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: 0.337 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

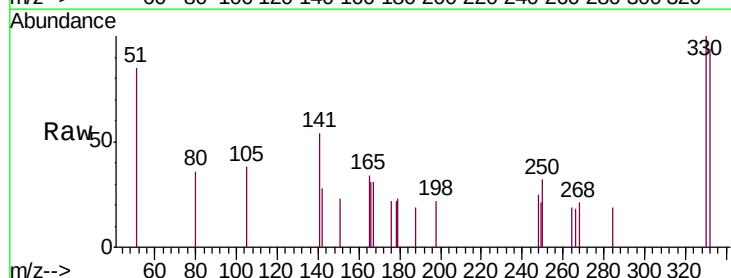
Tgt Ion:330 Resp: 676

Ion Ratio Lower Upper

330 100

332 98.2 78.4 117.6

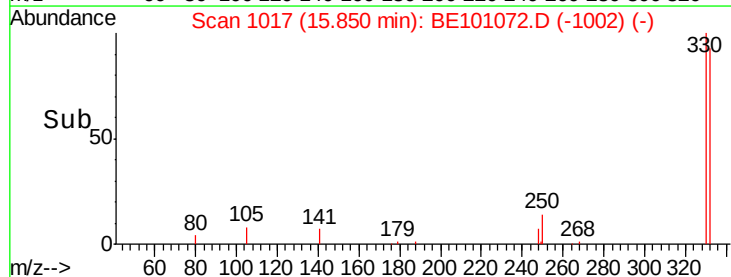
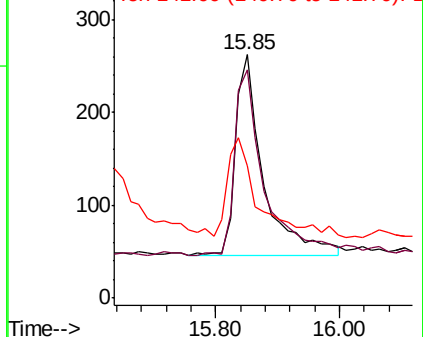
141 51.3 37.0 55.4

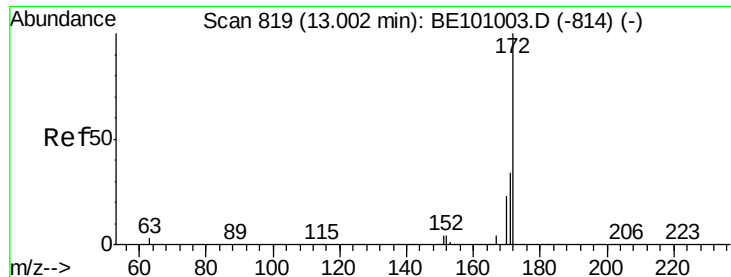


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

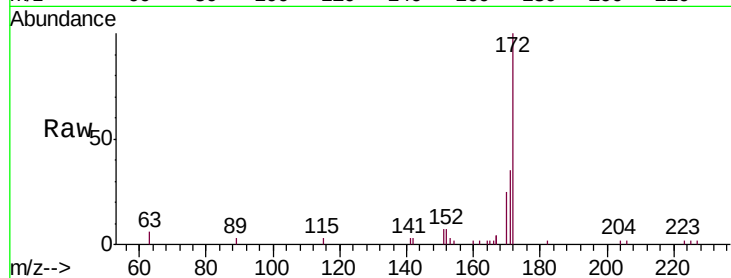




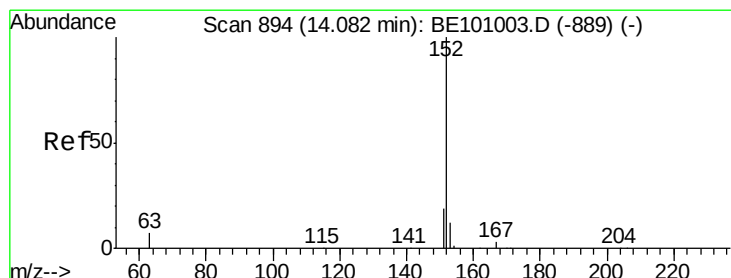
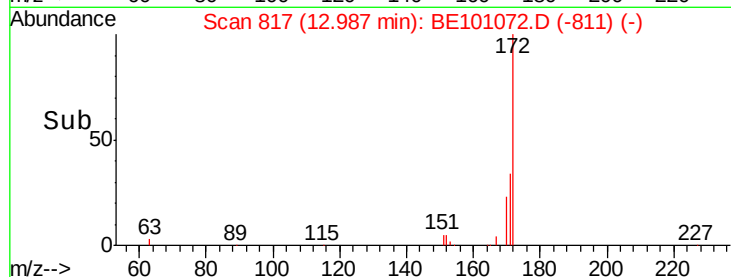
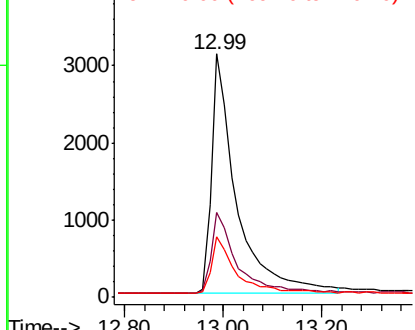
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101072.D
Acq: 16 Jan 2020 12:03

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Tgt Ion:172 Resp: 10864
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 24.9 18.9 28.3

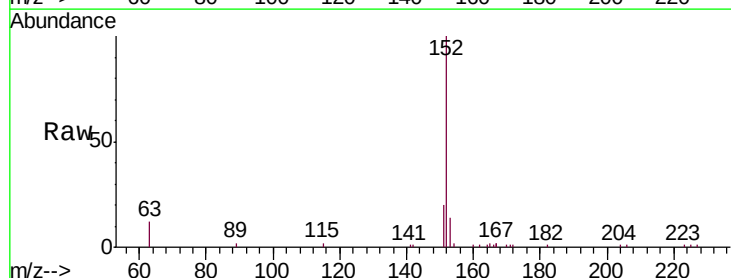


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

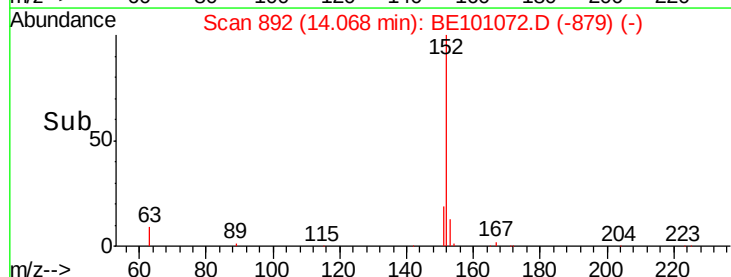
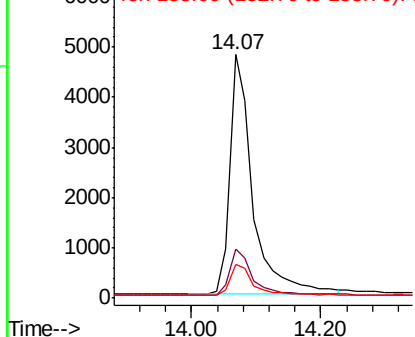


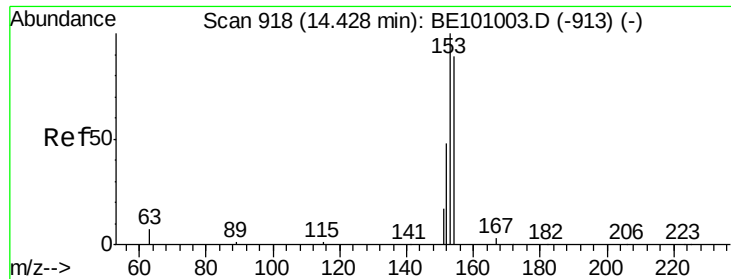
#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101072.D
Acq: 16 Jan 2020 12:03

Tgt Ion:152 Resp: 11703
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.3 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

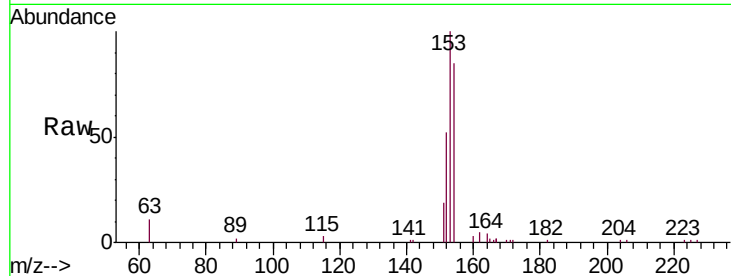




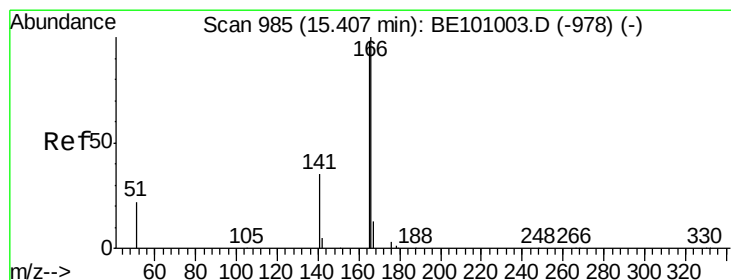
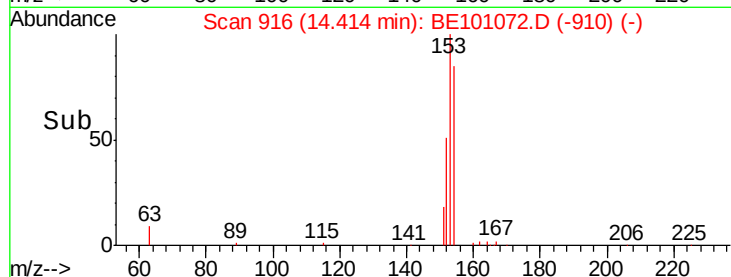
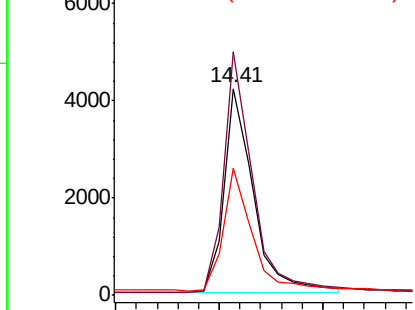
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101072.D
Acq: 16 Jan 2020 12:03

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Tgt Ion:154 Resp: 8313
Ion Ratio Lower Upper
154 100
153 116.0 93.6 140.4
152 58.5 46.3 69.5

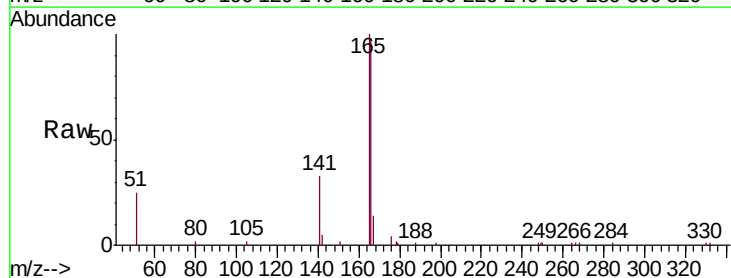


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

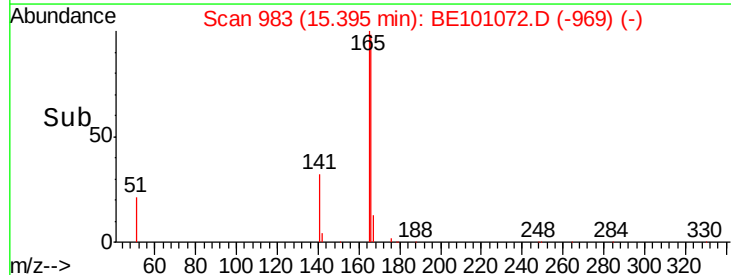
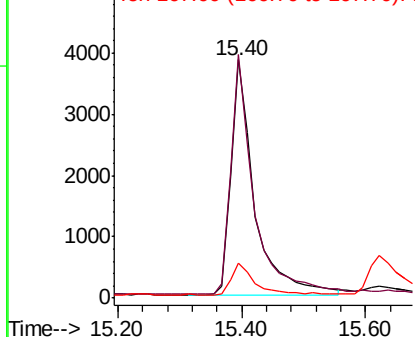


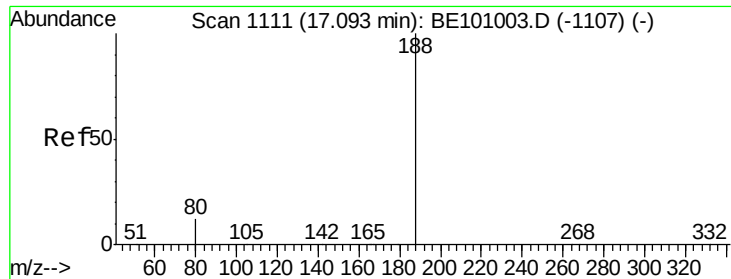
#18
Fluorene
Concen: 0.384 ng
RT: 15.40 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101072.D
Acq: 16 Jan 2020 12:03

Tgt Ion:166 Resp: 10044
Ion Ratio Lower Upper
166 100
165 99.2 79.8 119.8
167 13.3 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.10 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

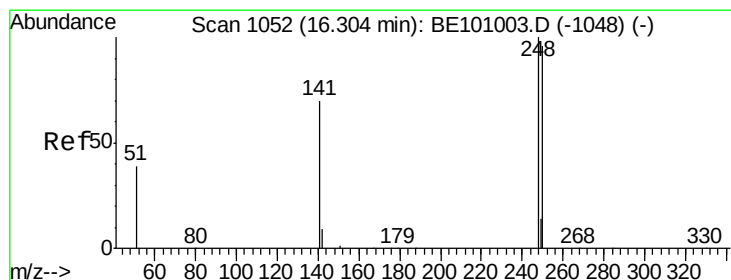
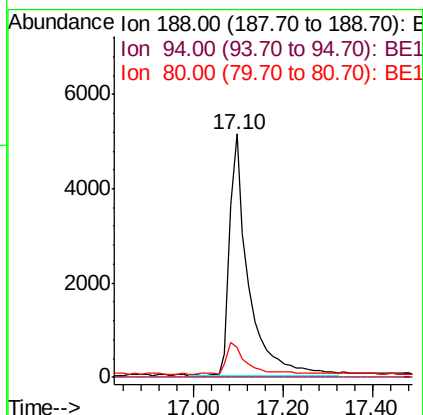
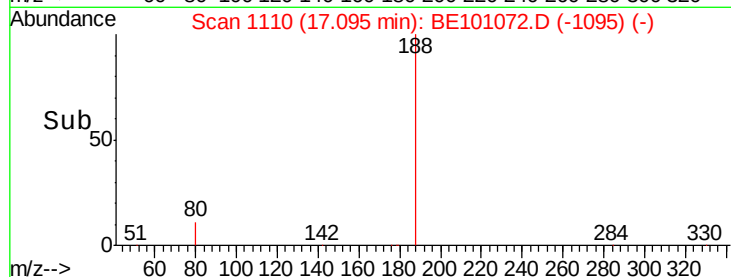
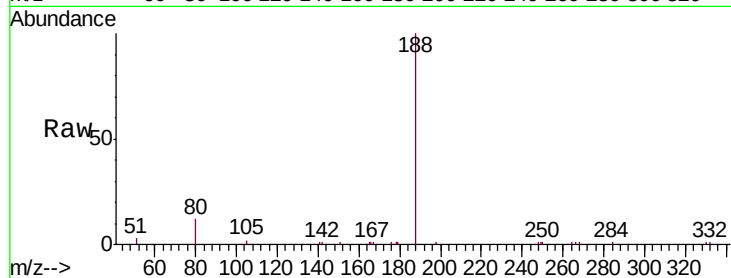
Tgt Ion:188 Resp: 14878

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.434 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

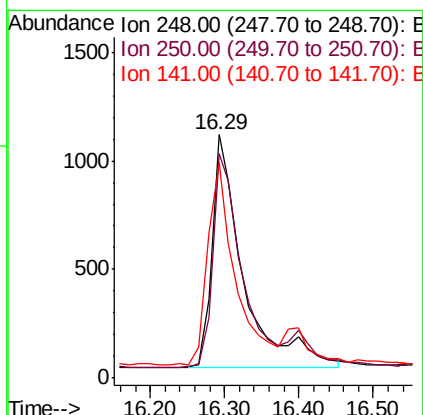
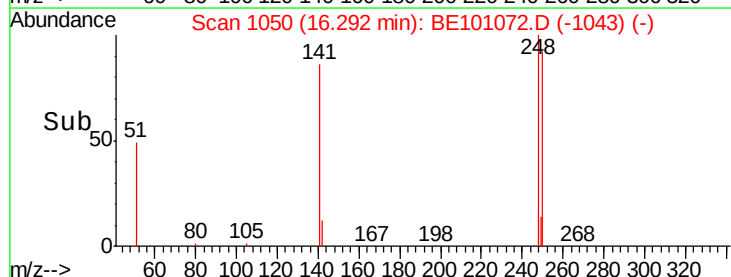
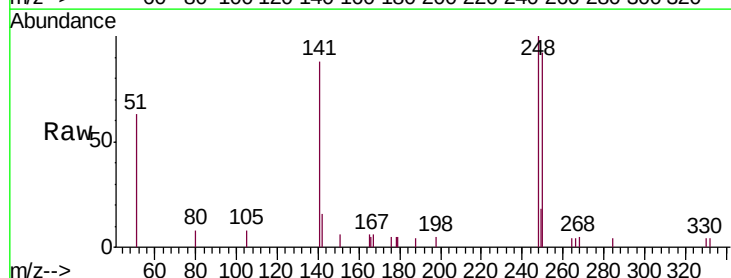
Tgt Ion:248 Resp: 3146

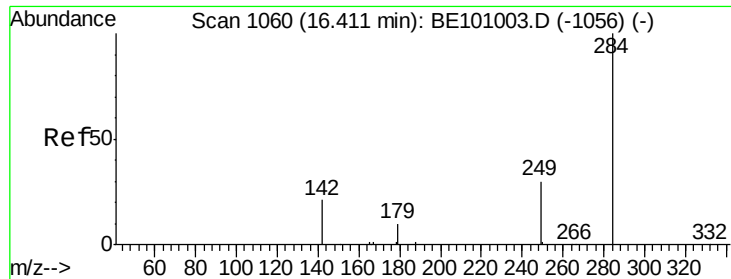
Ion Ratio Lower Upper

248 100

250 92.1 76.6 115.0

141 88.2 57.7 86.5#

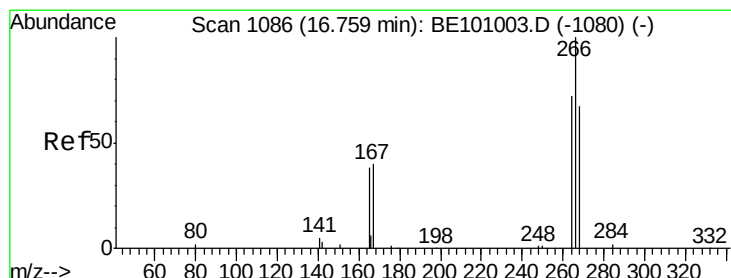
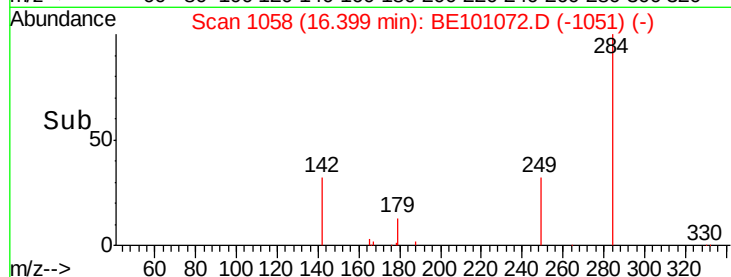
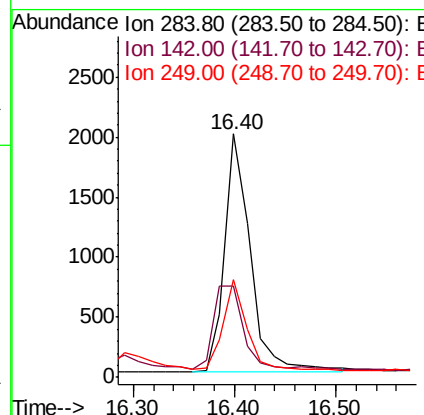
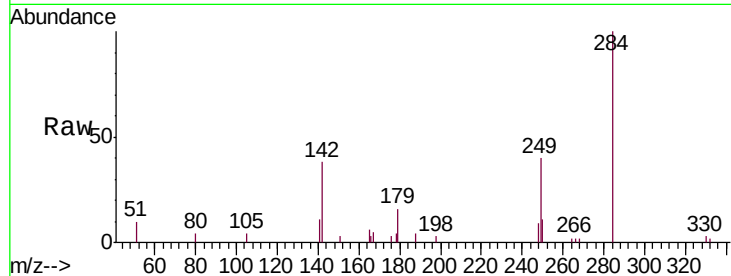




#21
Hexachlorobenzene
Concen: 0.435 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101072.D
Acq: 16 Jan 2020 12:03

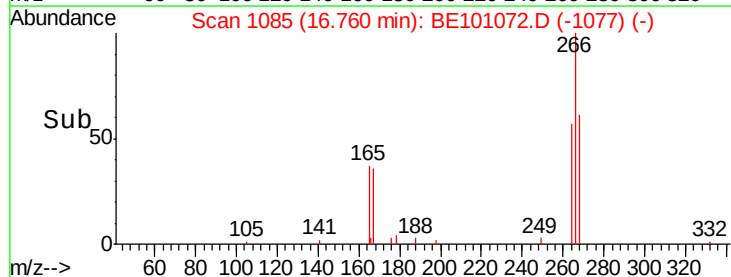
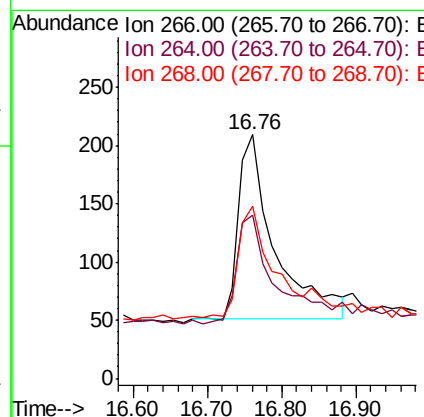
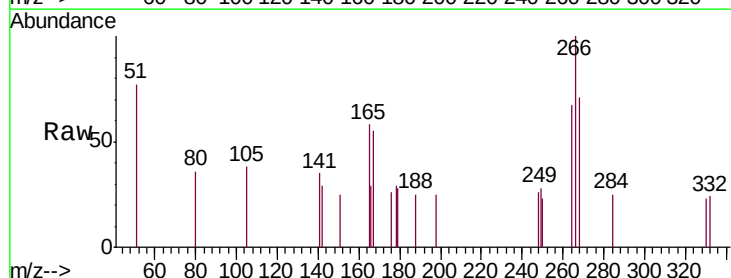
Instrument :
BNA_E
ClientSampleId :
PB126102BSD

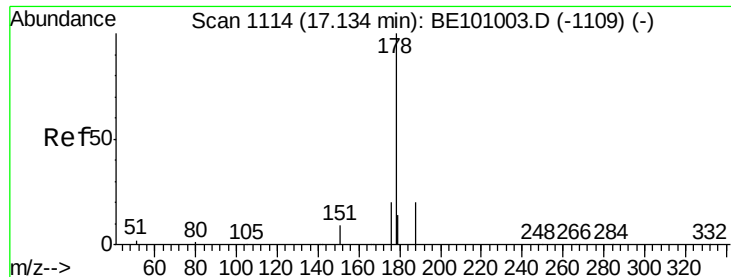
Tgt Ion: 284 Resp: 3463
Ion Ratio Lower Upper
284 100
142 41.3 34.0 51.0
249 34.5 28.2 42.4



#22
Pentachlorophenol
Concen: 0.443 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101072.D
Acq: 16 Jan 2020 12:03

Tgt Ion: 266 Resp: 538
Ion Ratio Lower Upper
266 100
264 67.0 61.0 91.4
268 70.8 58.5 87.7





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.14 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

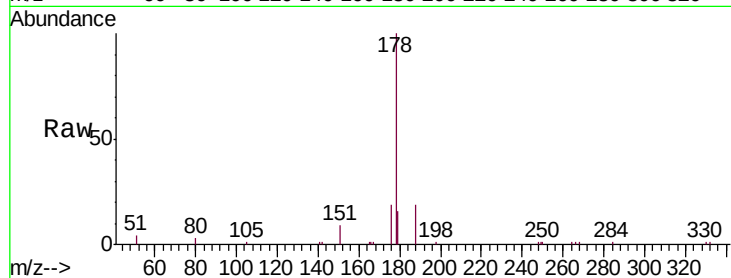
Tgt Ion:178 Resp: 15436

Ion Ratio Lower Upper

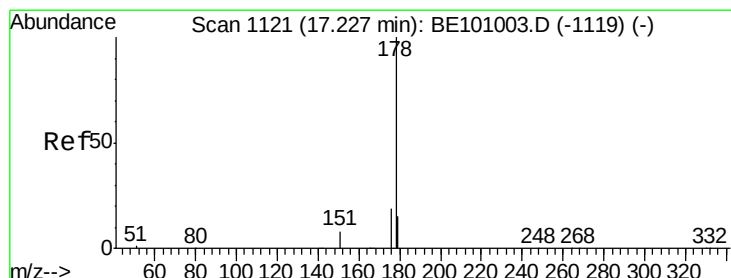
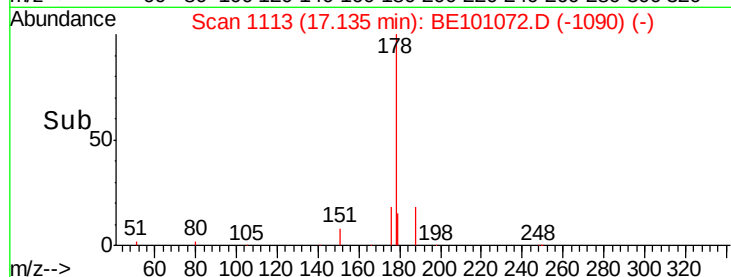
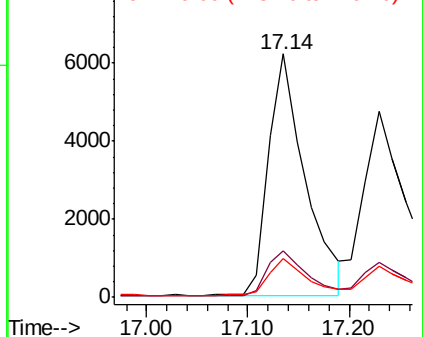
178 100

176 19.6 15.7 23.5

179 15.6 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: 0.421 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

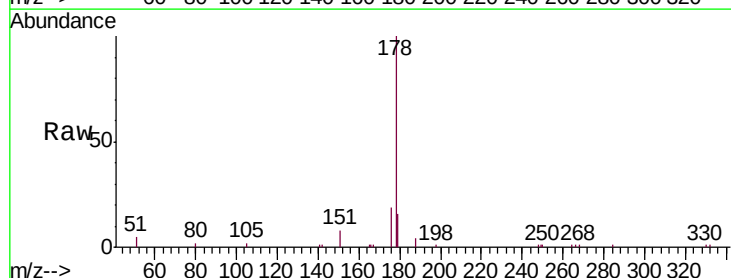
Tgt Ion:178 Resp: 16154

Ion Ratio Lower Upper

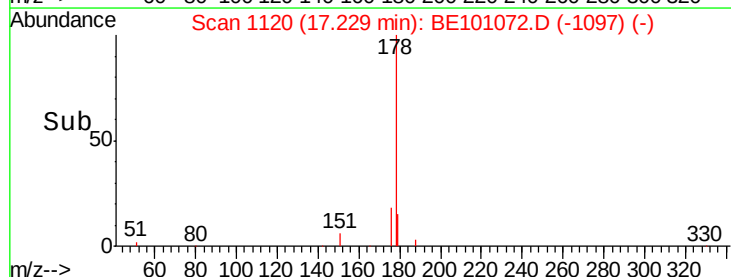
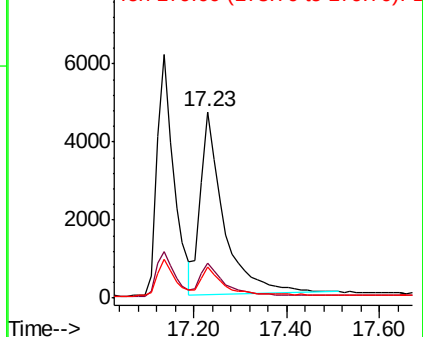
178 100

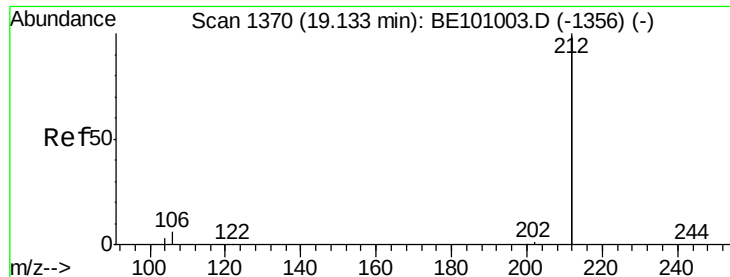
176 18.7 14.8 22.2

179 15.6 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: 0.400 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

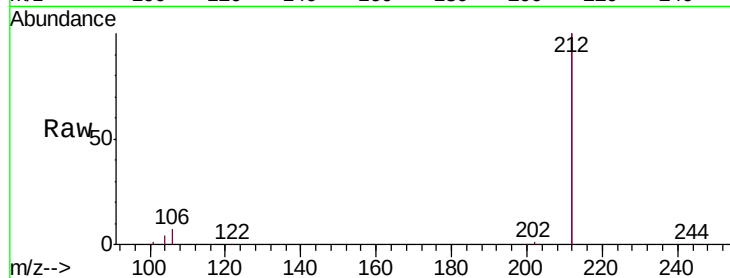
Tgt Ion:212 Resp: 82680

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

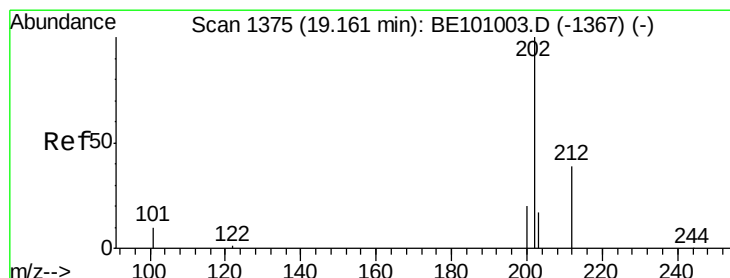
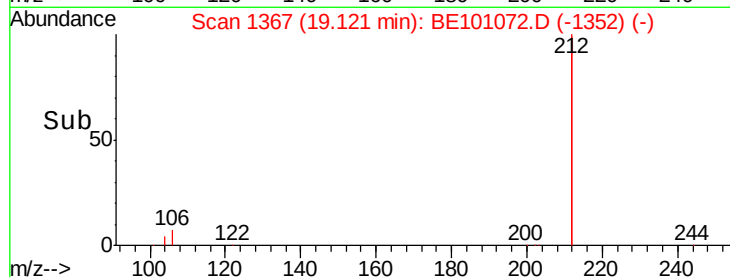
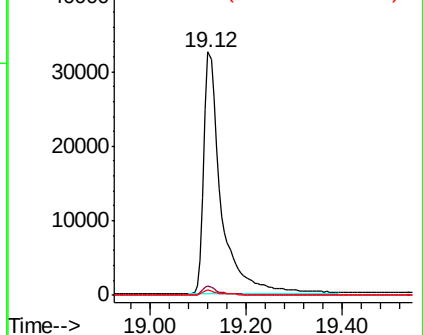
104 1.8 1.4 2.0



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



#26

Fluoranthene

Concen: 0.396 ng

RT: 19.15 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

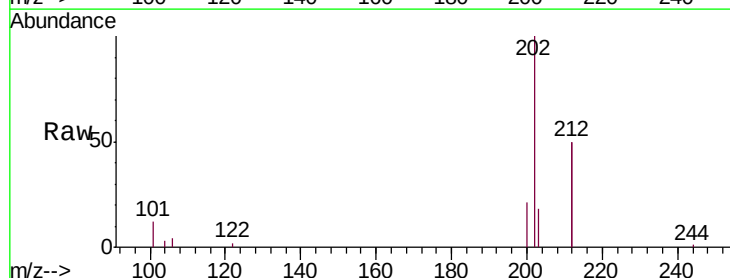
Tgt Ion:202 Resp: 20134

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

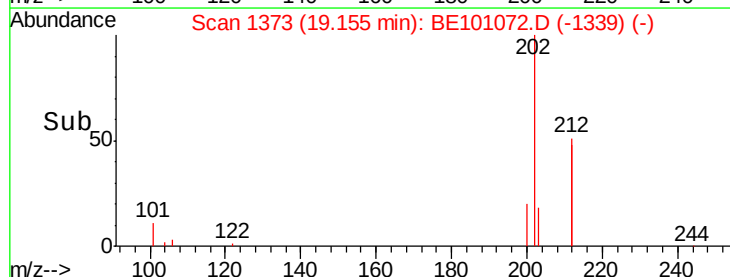
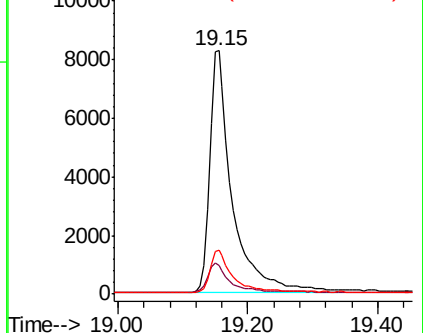
203 17.2 13.8 20.6

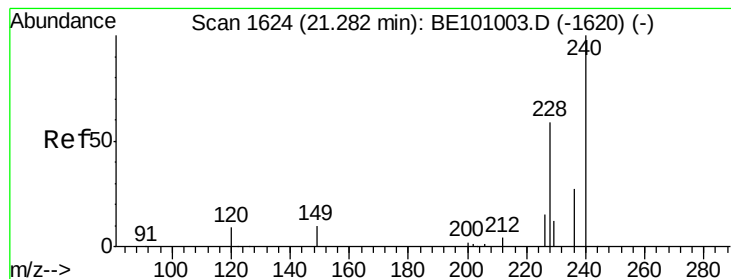


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

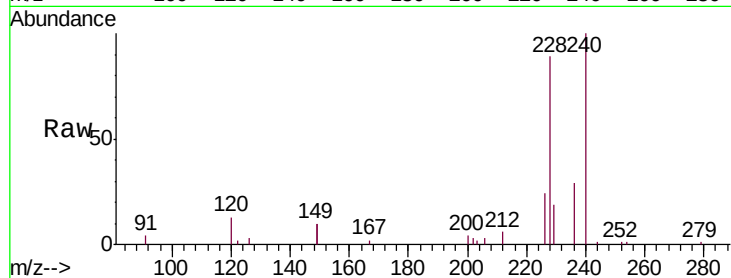
Tgt Ion:240 Resp: 14899

Ion Ratio Lower Upper

240 100

120 13.1 8.6 13.0#

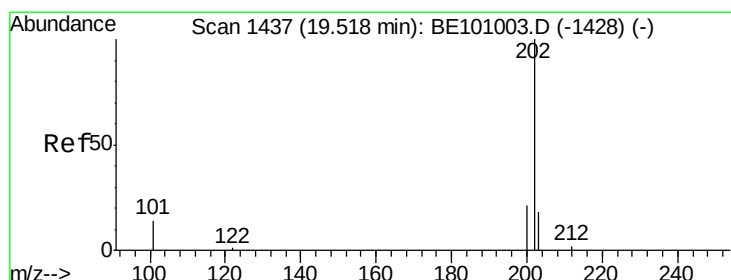
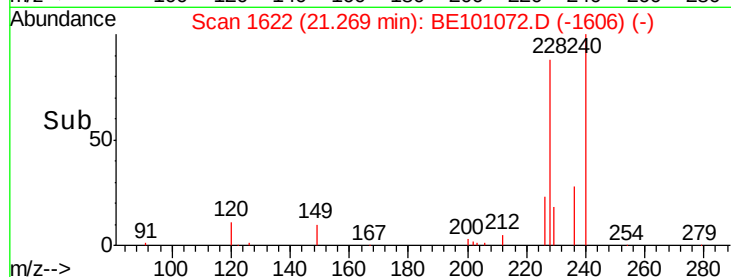
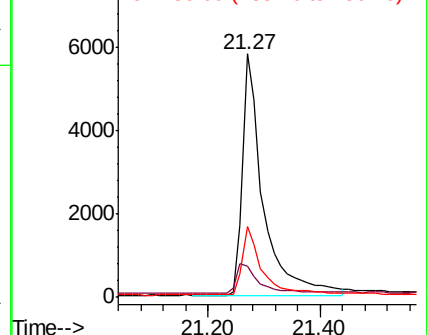
236 29.2 22.2 33.4



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: 0.379 ng

RT: 19.51 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

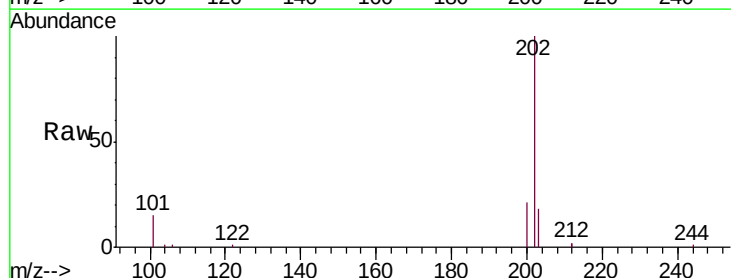
Tgt Ion:202 Resp: 20996

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

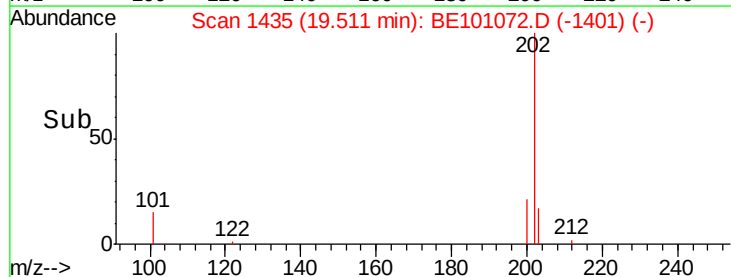
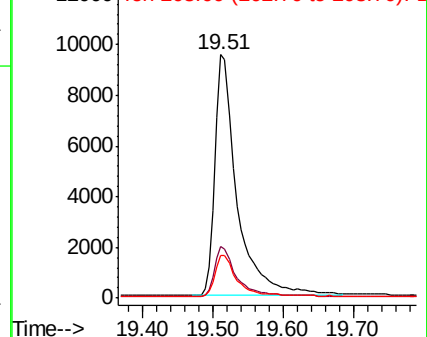
203 16.9 13.8 20.6

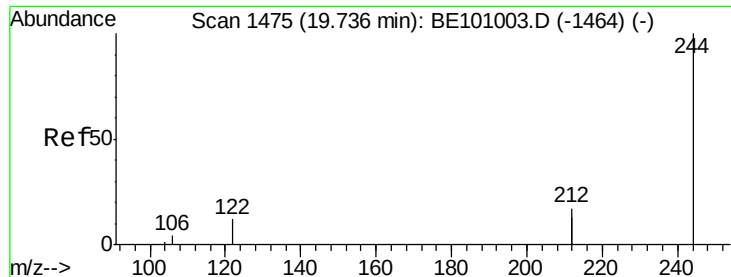


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

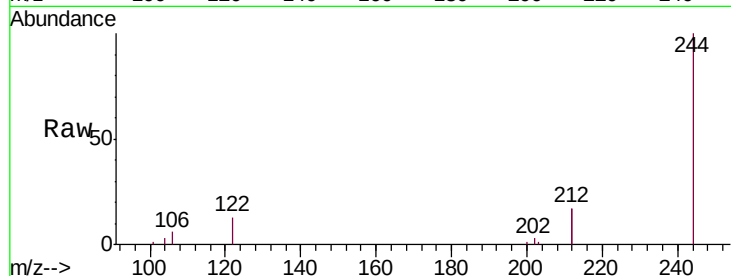
Tgt Ion:244 Resp: 13215

Ion Ratio Lower Upper

244 100

212 34.9 27.2 40.8

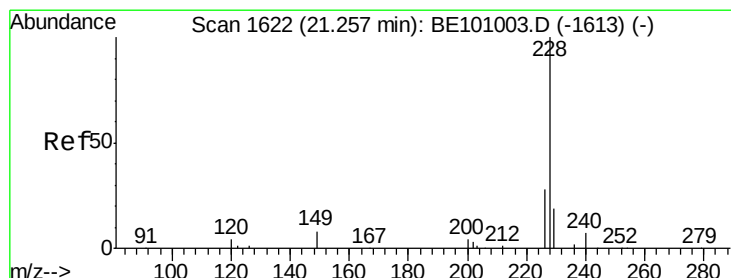
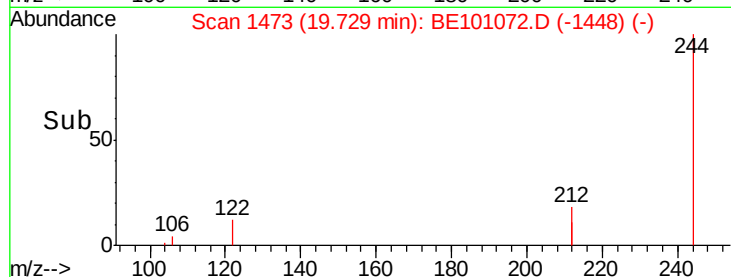
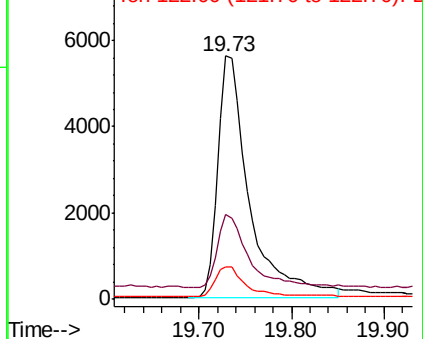
122 13.3 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.369 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

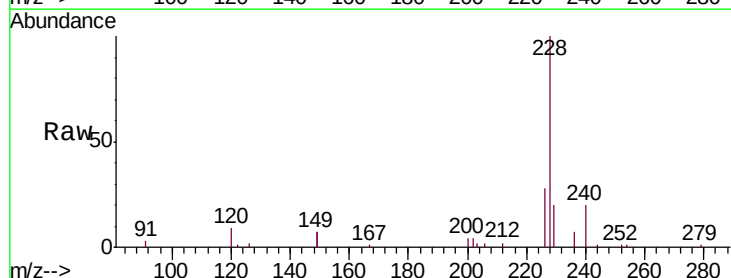
Tgt Ion:228 Resp: 15685

Ion Ratio Lower Upper

228 100

226 27.5 22.7 34.1

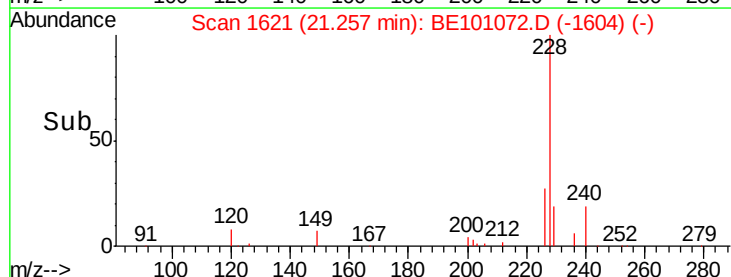
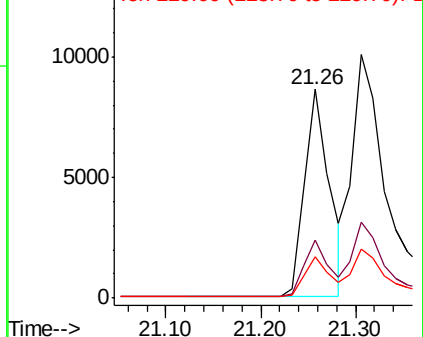
229 19.9 15.5 23.3

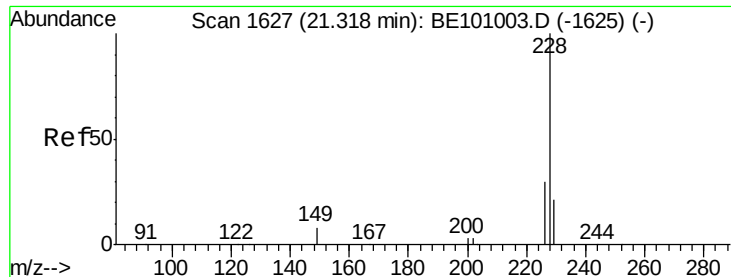


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.433 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

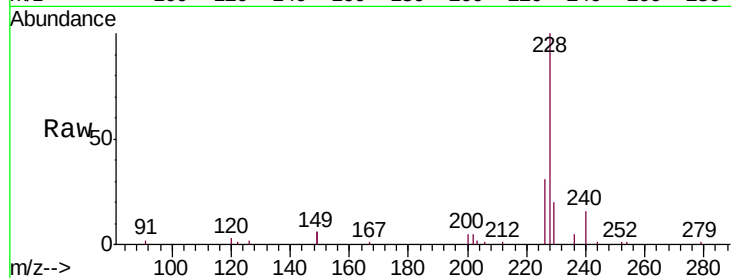
Tgt Ion:228 Resp: 27352

Ion Ratio Lower Upper

228 100

226 30.9 23.5 35.3

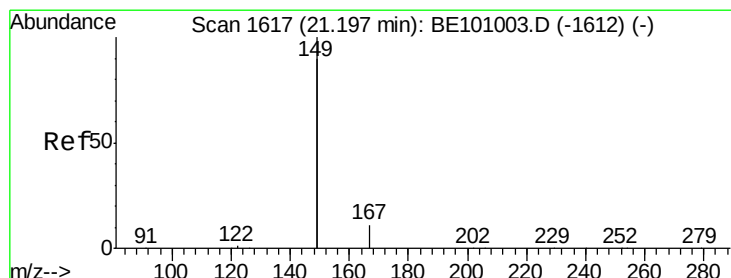
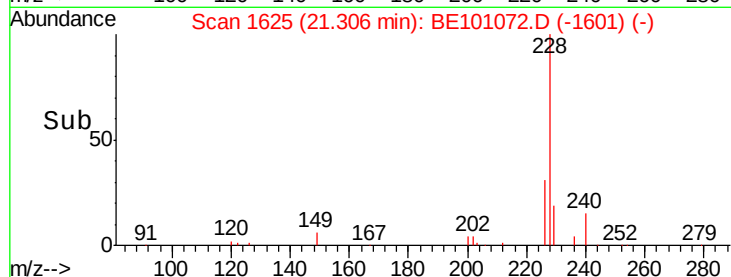
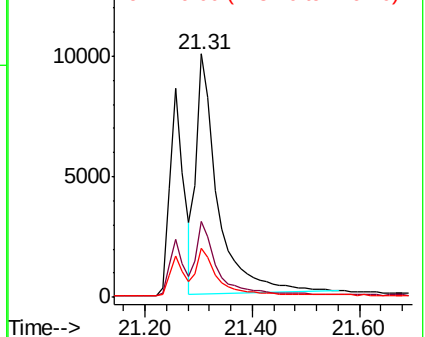
229 19.9 16.7 25.1



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: 0.404 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

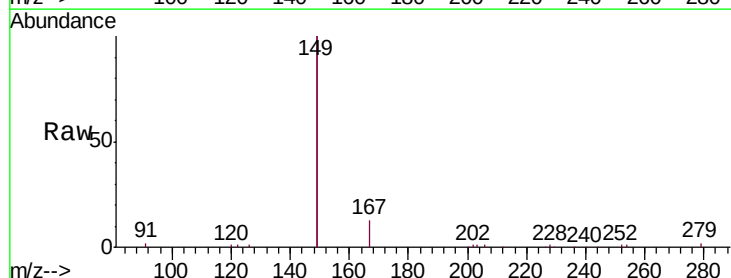
Tgt Ion:149 Resp: 28602

Ion Ratio Lower Upper

149 100

167 6.7 5.2 7.8

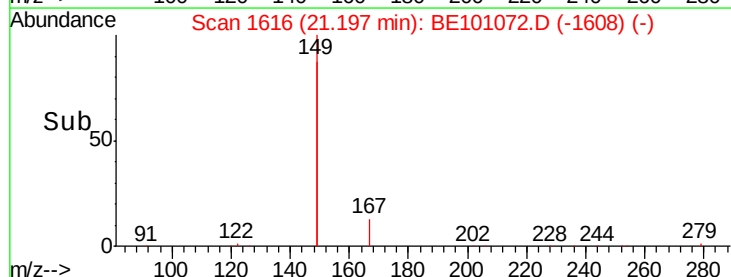
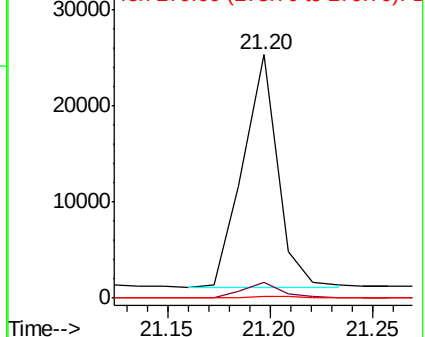
279 0.8 0.8 1.2

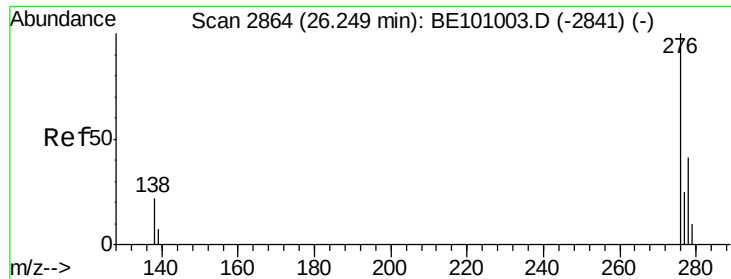


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.493 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

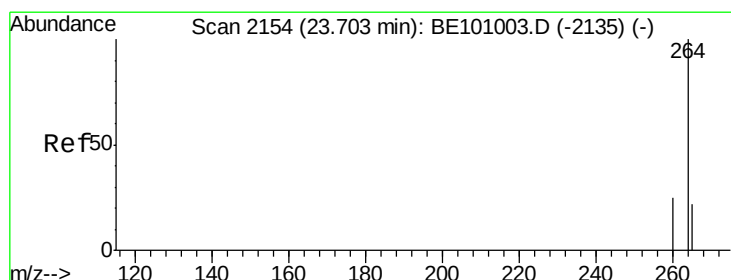
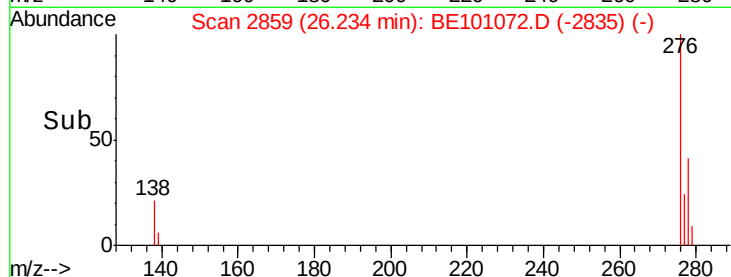
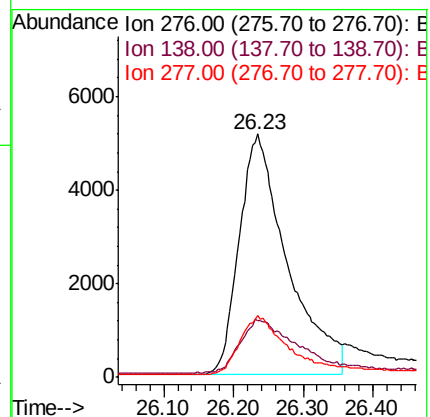
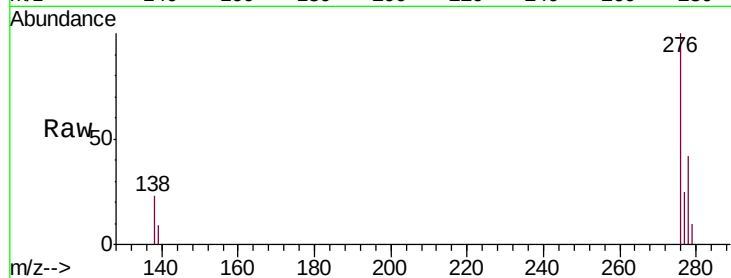
Tgt Ion:276 Resp: 24618

Ion Ratio Lower Upper

276 100

138 26.2 16.1 24.1#

277 25.3 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: BE101072.D

Acq: 16 Jan 2020 12:03

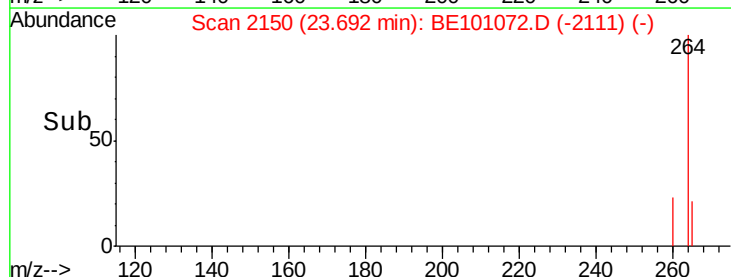
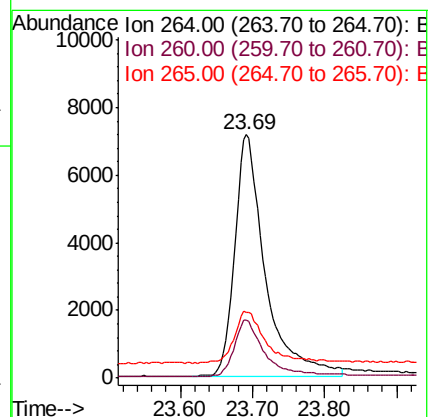
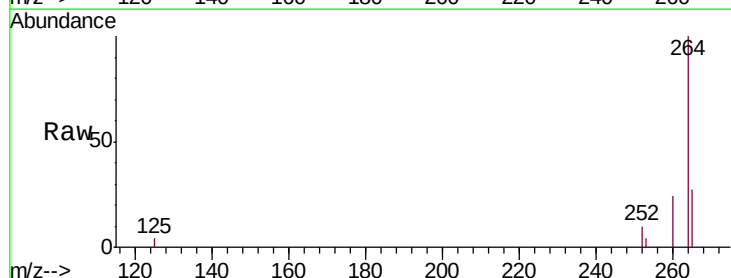
Tgt Ion:264 Resp: 20513

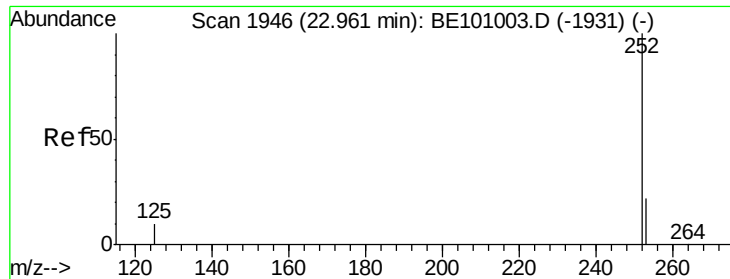
Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

265 27.2 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.327 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

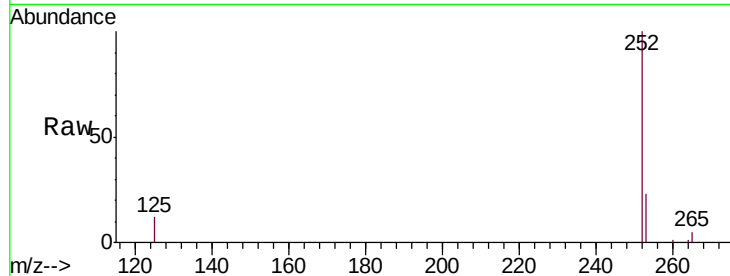
Tgt Ion:252 Resp: 18795

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

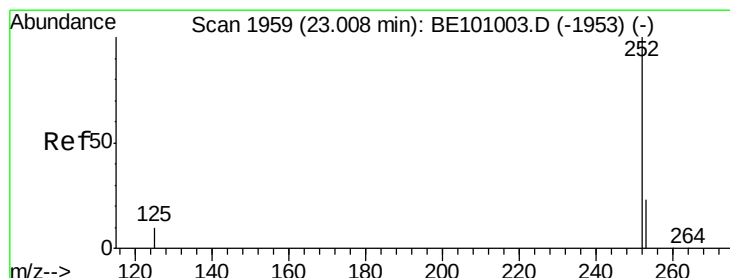
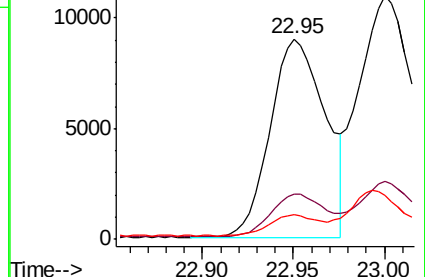
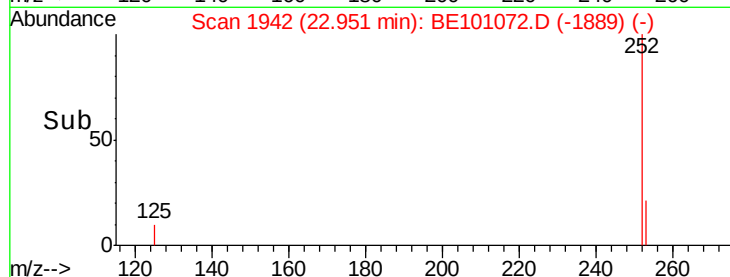
125 12.2 9.5 14.3



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: 0.225 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.06 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

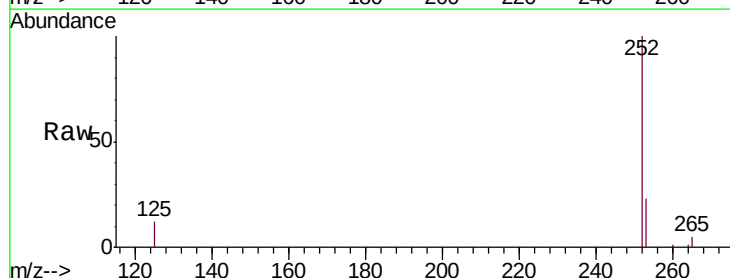
Tgt Ion:252 Resp: 18795

Ion Ratio Lower Upper

252 100

253 22.7 18.9 28.3

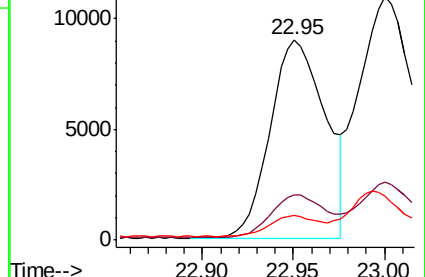
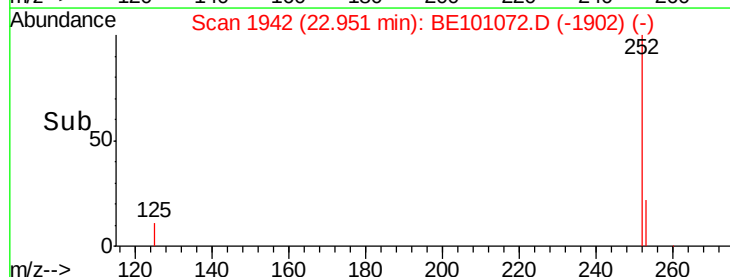
125 12.2 10.1 15.1

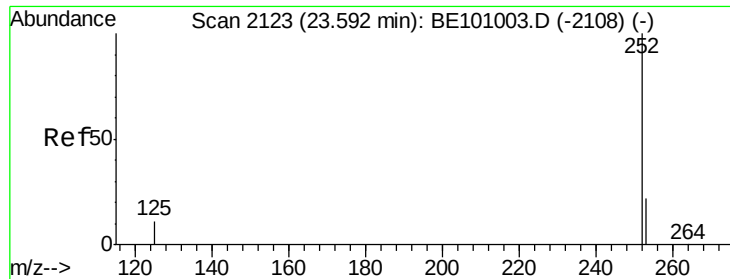


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.397 ng

RT: 23.58 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

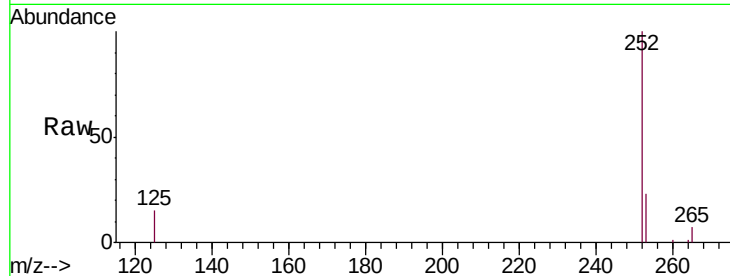
Tgt Ion:252 Resp: 22119

Ion Ratio Lower Upper

252 100

253 23.1 19.4 29.2

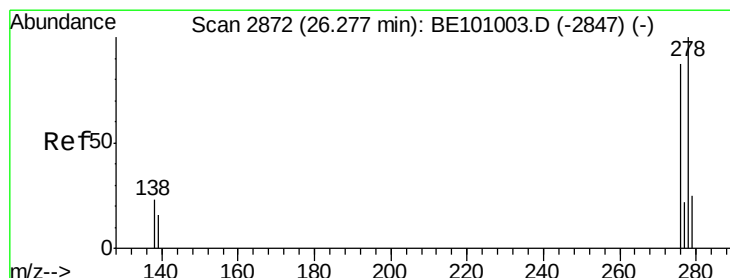
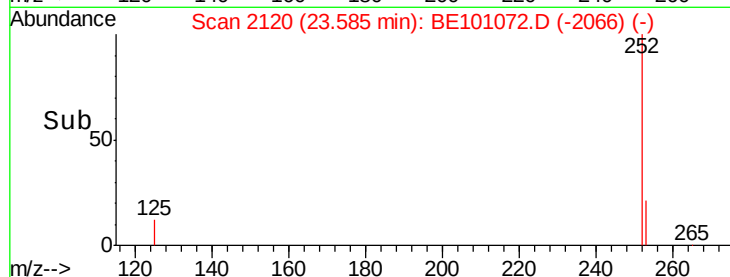
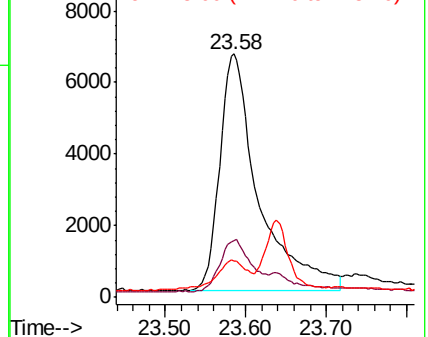
125 14.7 11.8 17.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.389 ng

RT: 26.27 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE101072.D

Acq: 16 Jan 2020 12:03

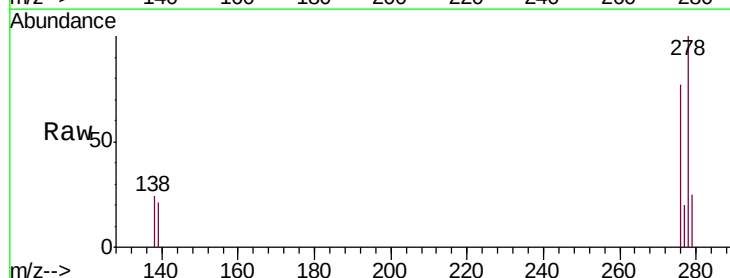
Tgt Ion:278 Resp: 19913

Ion Ratio Lower Upper

278 100

139 21.3 15.0 22.4

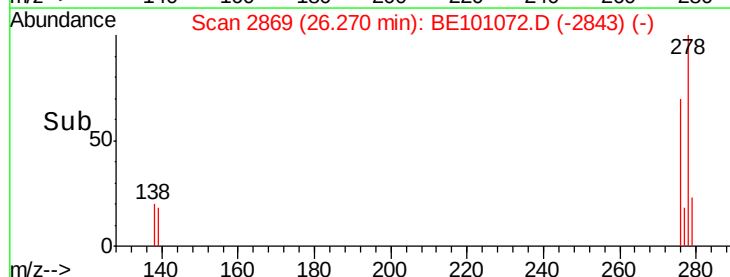
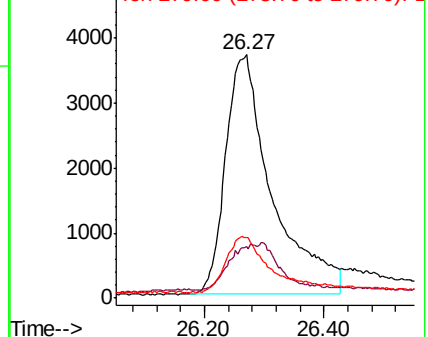
279 24.8 22.6 33.8

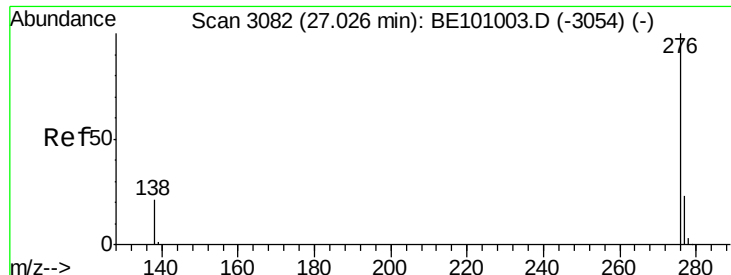


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.363 ng

RT: 27.00 min Scan# 3075

Delta R.T. -0.02 min

Lab File: BE101072.D

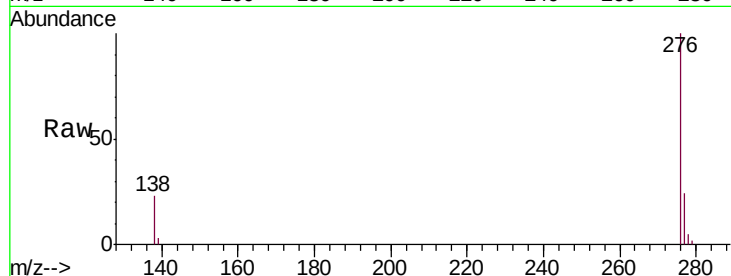
Acq: 16 Jan 2020 12:03

Instrument :

BNA_E

ClientSampleId :

PB126102BSD



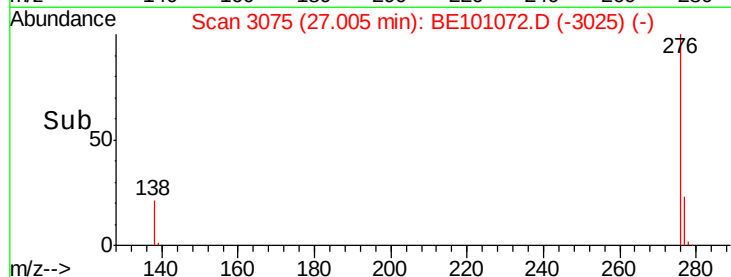
Tgt Ion: 276 Resp: 22853

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 22.5 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

