

Data File : BE101062.D
Acq On : 15 Jan 2020 17:52
Operator : JU
Sample : PB126102BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Quant Time: Jan 16 04:14:27 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	7.73	152	3547	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	15041	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8172	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	17130	0.40	ng	0.00
27) Chrysene-d12	21.27	240	15871	0.40	ng	-0.01
34) Perylene-d12	23.69	264	20681	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1404	0.18	ng	0.00
5) Phenol-d6	6.91	99	1071	0.11	ng	0.00
8) Nitrobenzene-d5	8.87	82	4703	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	10196	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	974	0.42	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	12800	0.41	ng	-0.01
25) Fluoranthene-d10	19.13	212	77712	0.33	ng	0.00
29) Terphenyl-d14	19.73	244	15796	0.41	ng	0.00

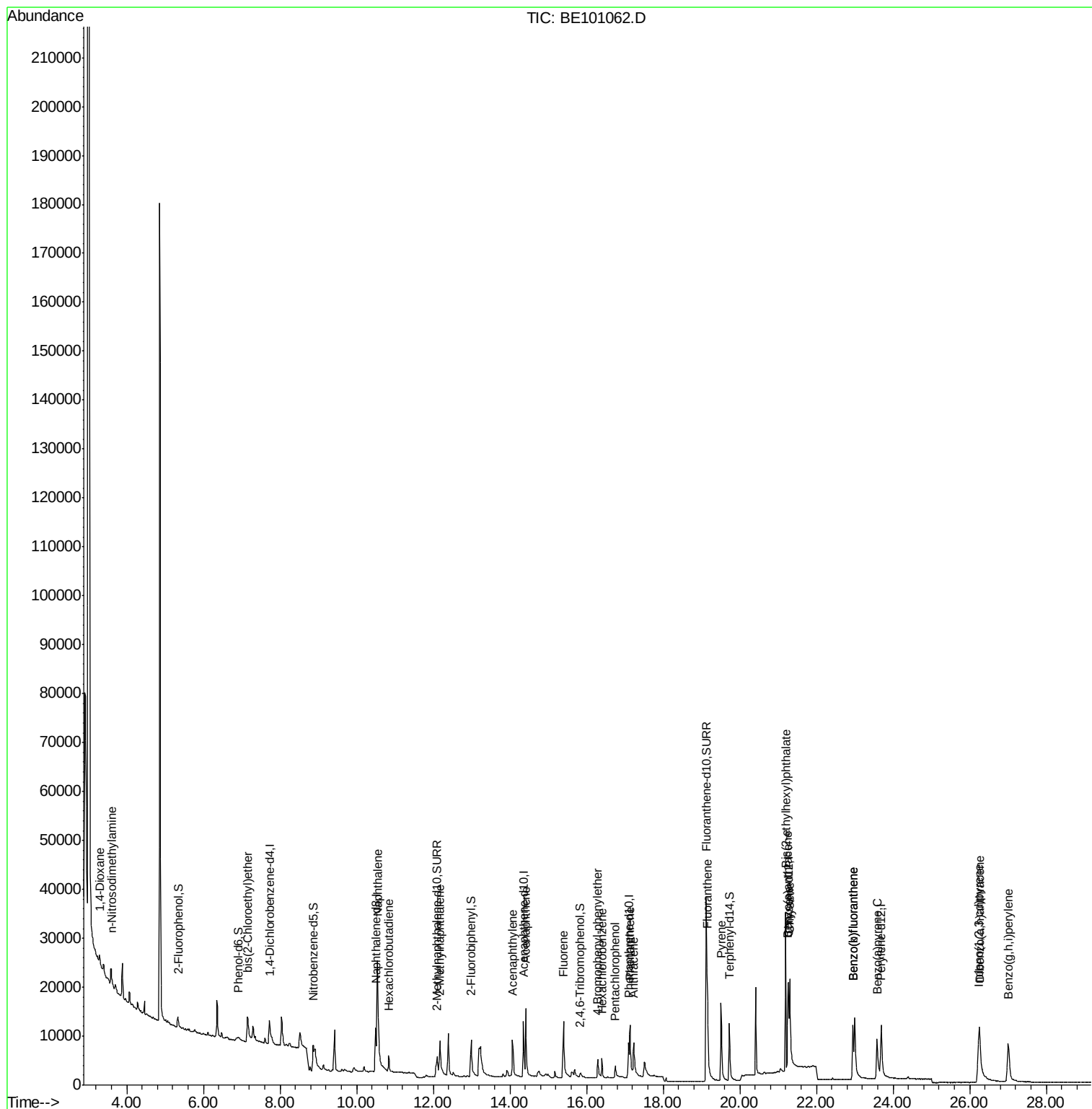
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	1325	0.045	ng	# 24
3) n-Nitrosodimethylamine	3.60	42	1074	0.218	ng	# 1
6) bis(2-Chloroethyl)ether	7.15	93	4000	0.333	ng	# 94
9) Naphthalene	10.55	128	58326	0.349	ng	100
10) Hexachlorobutadiene	10.84	225	2215	0.313	ng	98
12) 2-Methylnaphthalene	12.17	142	8375	0.332	ng	99
16) Acenaphthylene	14.07	152	12326	0.370	ng	98
17) Acenaphthene	14.41	154	8095	0.340	ng	99
18) Fluorene	15.39	166	9935	0.330	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	2724	0.326	ng	90
21) Hexachlorobenzene	16.40	284	2948	0.322	ng	99
22) Pentachlorophenol	16.75	266	2071	0.896	ng	90
23) Phenanthrene	17.13	178	15492	0.331	ng	100
24) Anthracene	17.23	178	16340	0.370	ng	99
26) Fluoranthene	19.15	202	19911	0.340	ng	99
28) Pyrene	19.51	202	20761	0.351	ng	99
30) Benzo(a)anthracene	21.26	228	15911	0.351	ng	99
31) Chrysene	21.31	228	24399	0.362	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	35966	0.477	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	24311	0.457	ng	# 88
35) Benzo(b)fluoranthene	22.95	252	17899	0.309	ng	99
36) Benzo(k)fluoranthene	22.95	252	17899	0.213	ng	100
37) Benzo(a)pyrene	23.58	252	20799	0.371	ng	99
38) Dibenzo(a,h)anthracene	26.26	278	18156	0.352	ng	96
39) Benzo(g,h,i)perylene	27.00	276	22539	0.355	ng	99

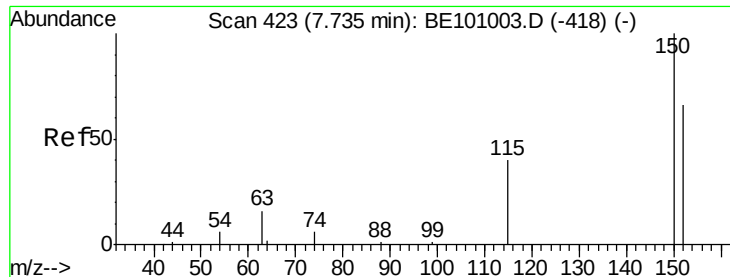
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BE101062.D
Acq On : 15 Jan 2020 17:52
Operator : JU
Sample : PB126102BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Quant Time: Jan 16 04:14:27 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



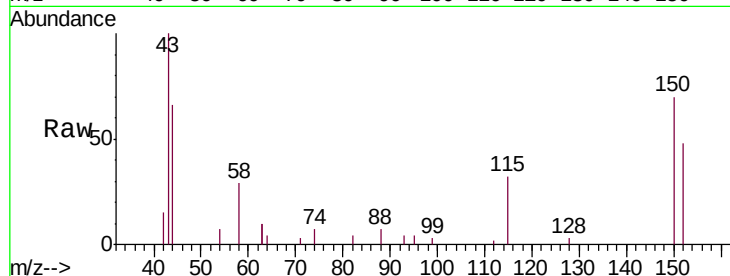


#1

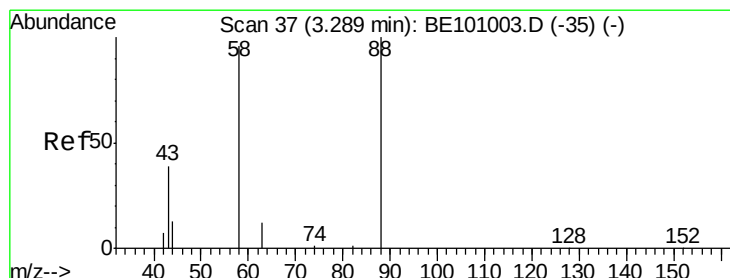
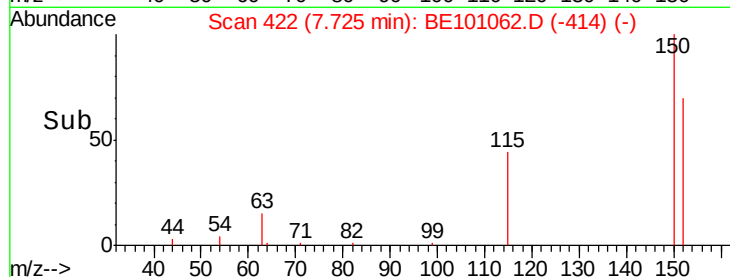
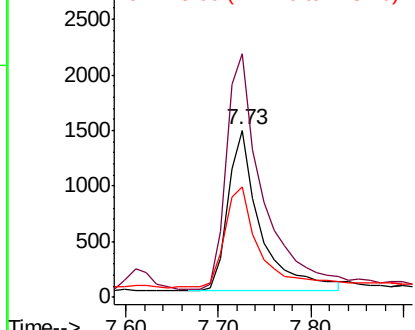
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101062.D
Acq: 15 Jan 2020 17:52

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Tgt Ion: 152 Resp: 3547
Ion Ratio Lower Upper
152 100
150 145.5 120.3 180.5
115 66.4 51.7 77.5



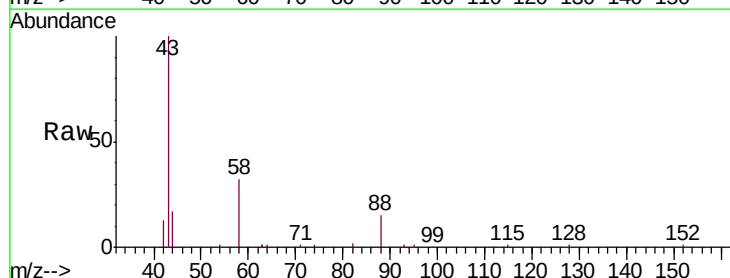
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



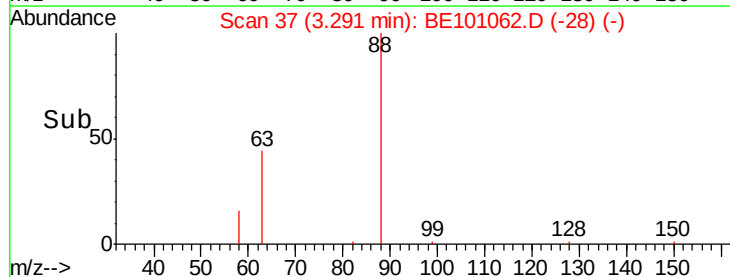
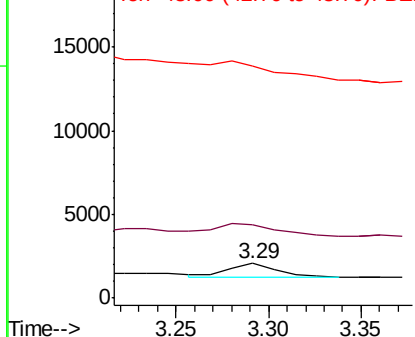
#2

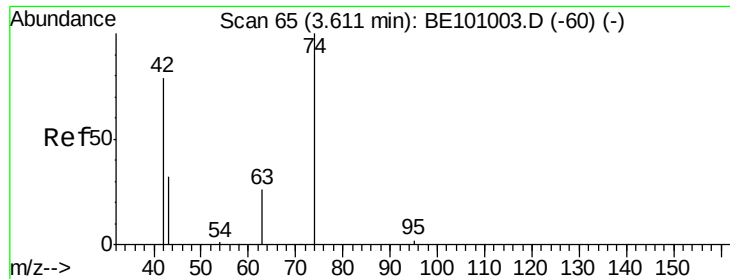
1,4-Dioxane
Concen: 0.045 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101062.D
Acq: 15 Jan 2020 17:52

Tgt Ion: 88 Resp: 1325
Ion Ratio Lower Upper
88 100
58 134.8 53.0 79.4#
43 0.0 23.4 35.2#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.218 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

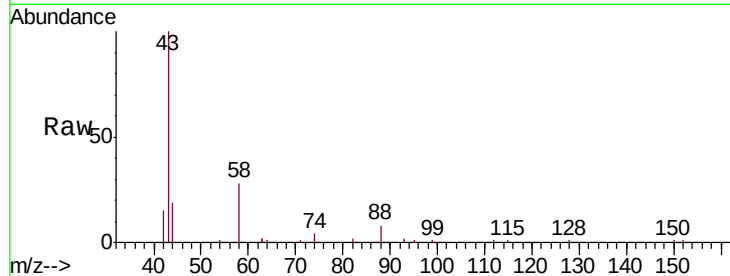
Tgt Ion: 42 Resp: 1074

Ion Ratio Lower Upper

42 100

74 0.0 105.7 158.5#

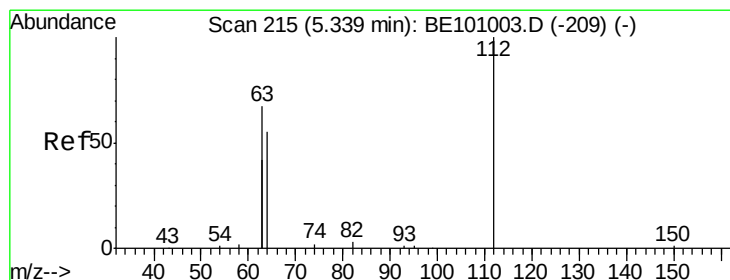
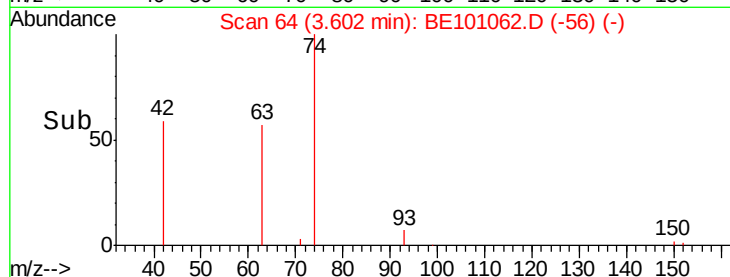
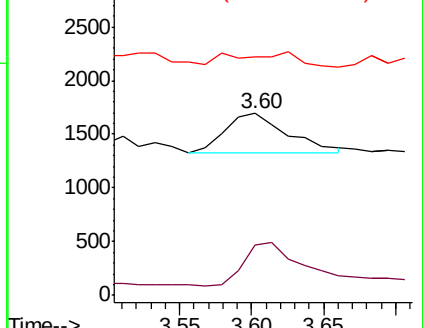
44 0.0 10.0 15.0#



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: 0.176 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

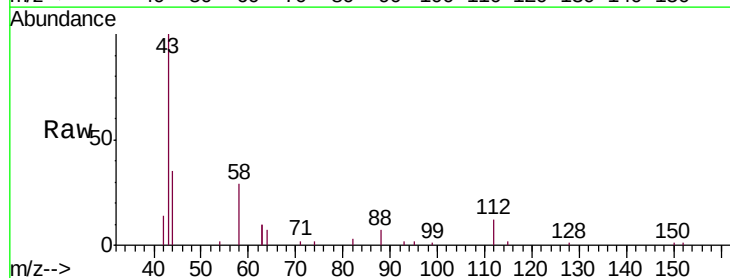
Tgt Ion: 112 Resp: 1404

Ion Ratio Lower Upper

112 100

64 69.6 53.6 80.4

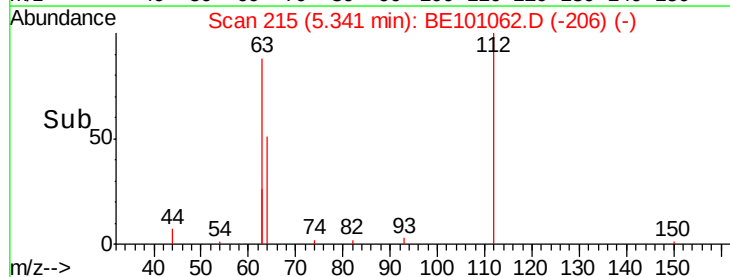
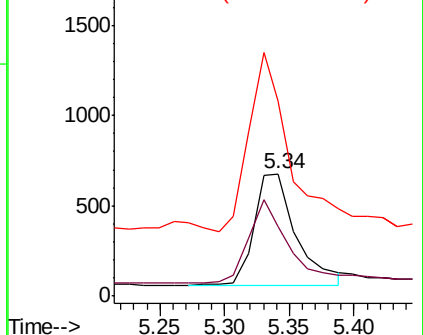
63 153.9 114.6 172.0

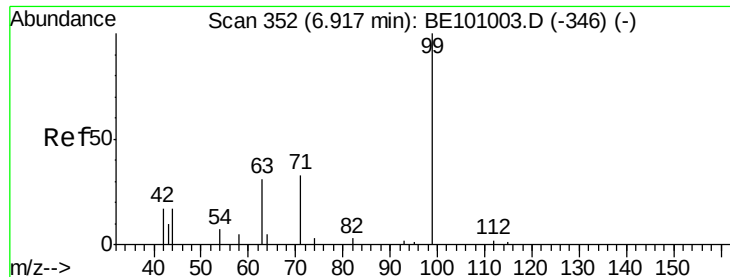


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.106 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

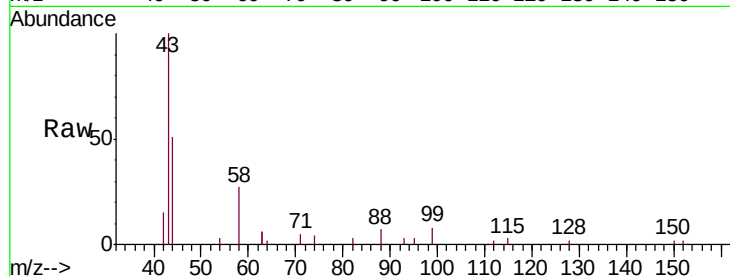
Tgt Ion: 99 Resp: 1071

Ion Ratio Lower Upper

99 100

42 10.7 18.3 27.5#

71 38.4 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

800

600

400

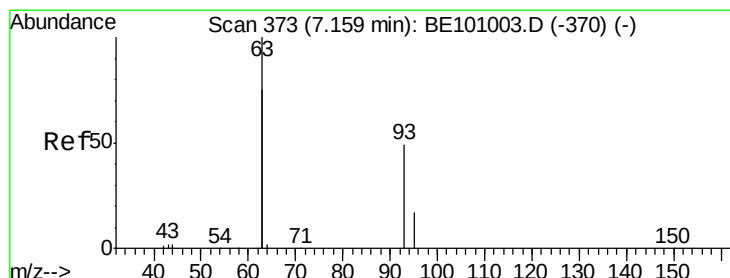
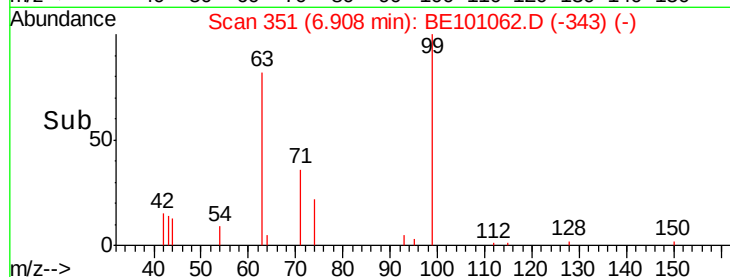
200

0

6.80 6.90 7.00

6.91

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.333 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

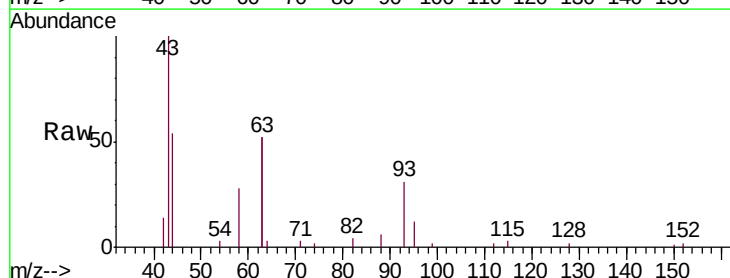
Tgt Ion: 93 Resp: 4000

Ion Ratio Lower Upper

93 100

63 302.8 233.9 350.9

95 35.3 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

5000

4000

3000

2000

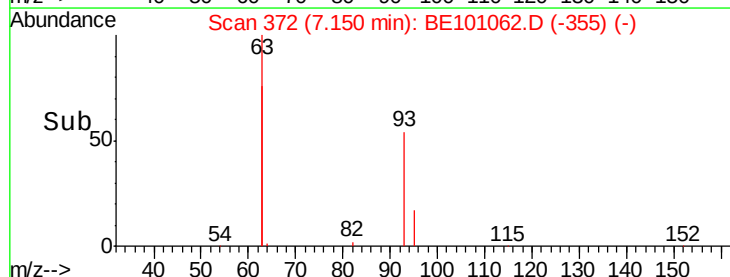
1000

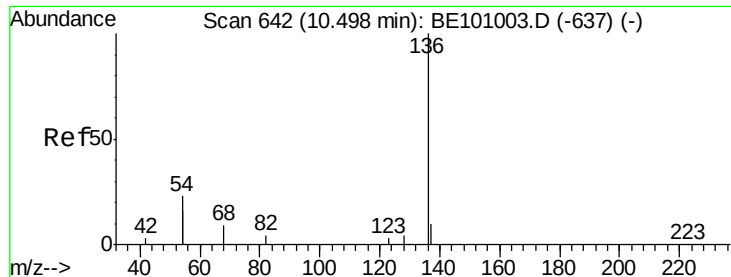
0

7.00 7.10 7.20 7.30

7.15

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

Tgt Ion:136 Resp: 15041

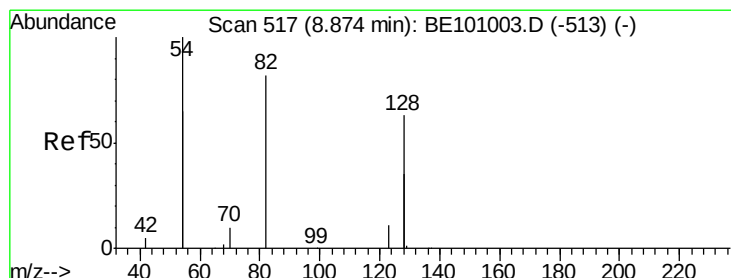
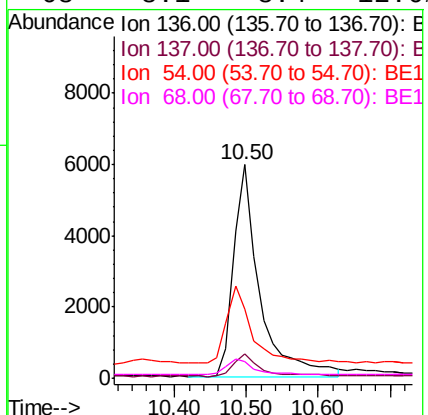
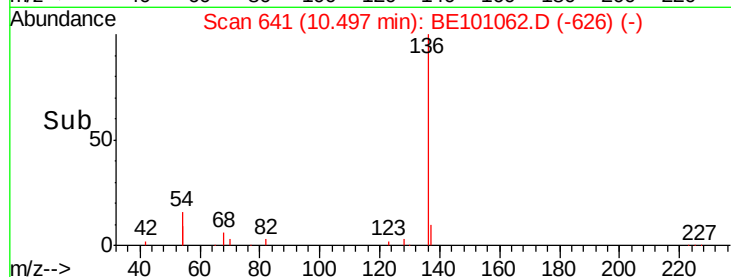
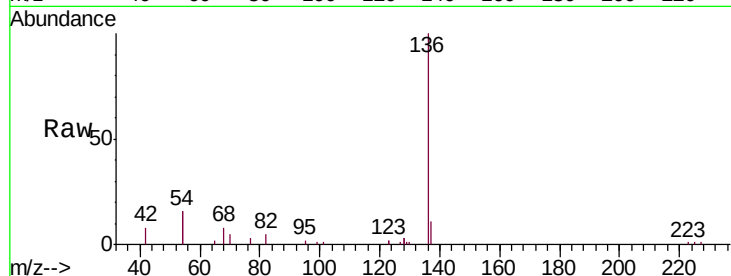
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 32.1 36.8 55.2#

68 8.1 8.4 12.6#



#8

Nitrobenzene-d5

Concen: 0.437 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

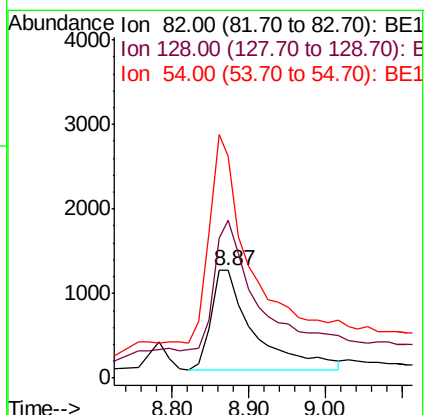
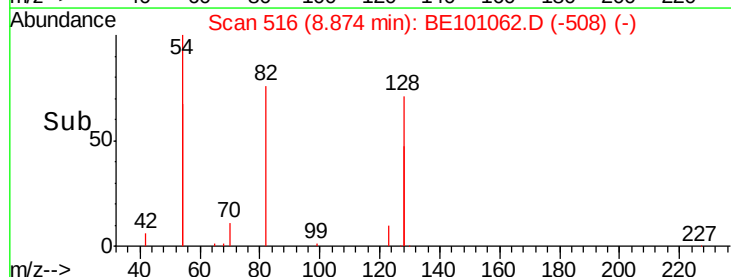
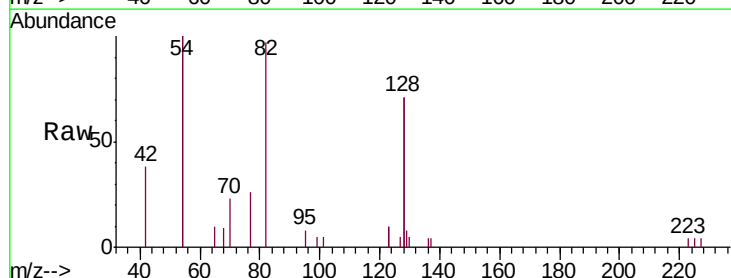
Tgt Ion: 82 Resp: 4703

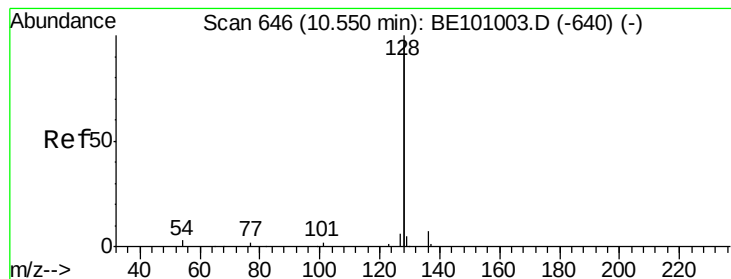
Ion Ratio Lower Upper

82 100

128 146.9 109.8 164.6

54 205.7 174.5 261.7





#9

Naphthalene

Concen: 0.349 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

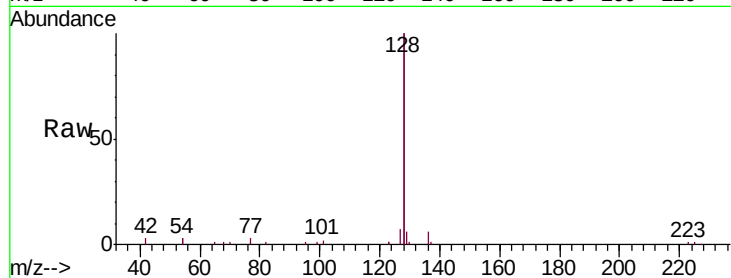
Tgt Ion:128 Resp: 58326

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

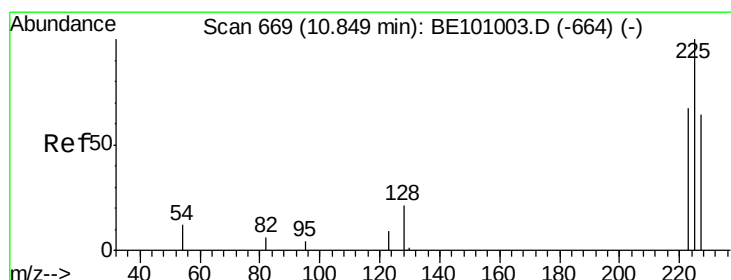
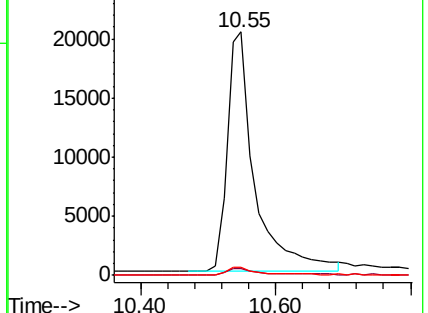
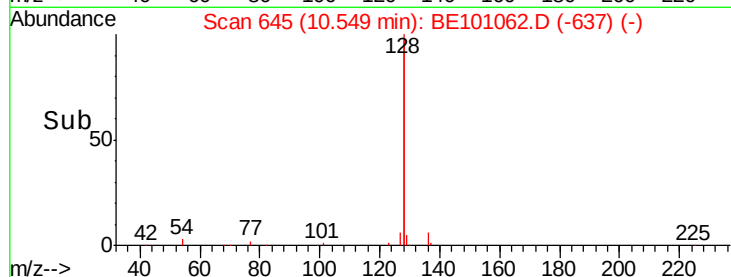
127 3.4 2.7 4.1



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: 0.313 ng

RT: 10.84 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

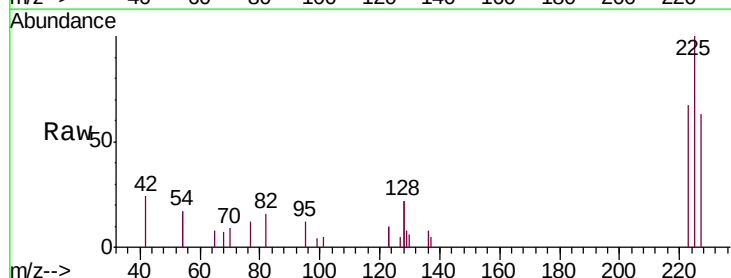
Tgt Ion:225 Resp: 2215

Ion Ratio Lower Upper

225 100

223 62.7 52.2 78.4

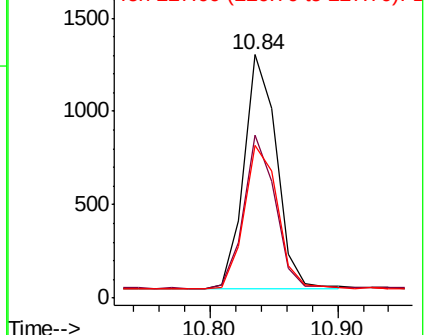
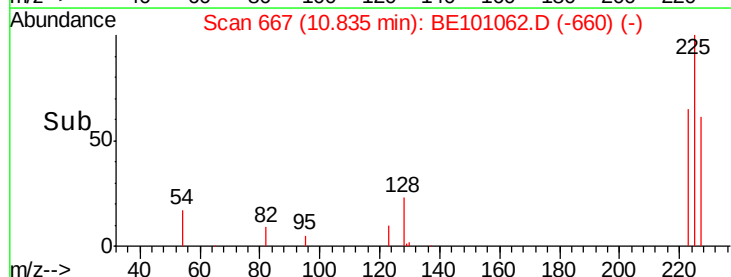
227 63.6 49.9 74.9

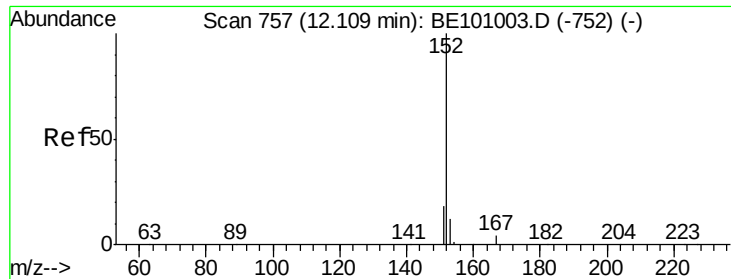


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

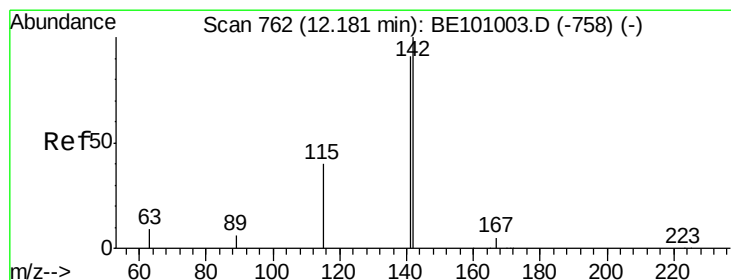
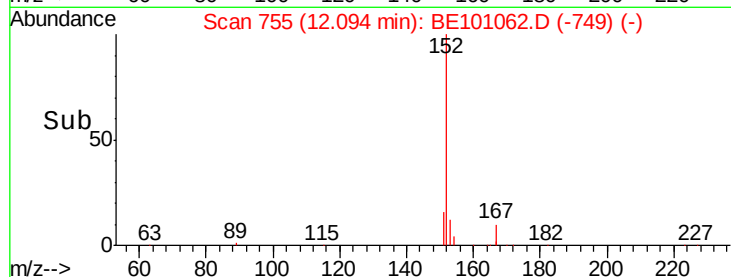
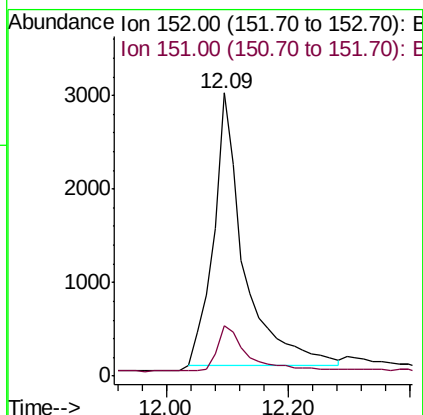
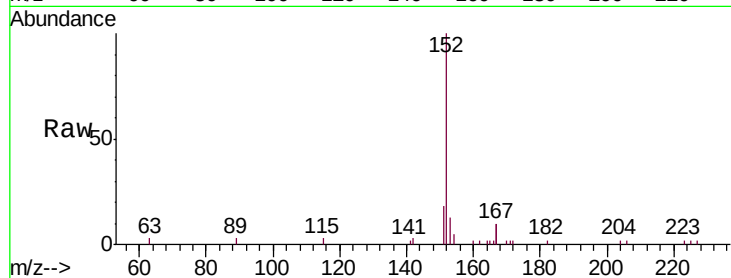




#11
 2-Methylnaphthalene-d10
 Concen: 0.355 ng
 RT: 12.09 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BE101062.D
 Acq: 15 Jan 2020 17:52

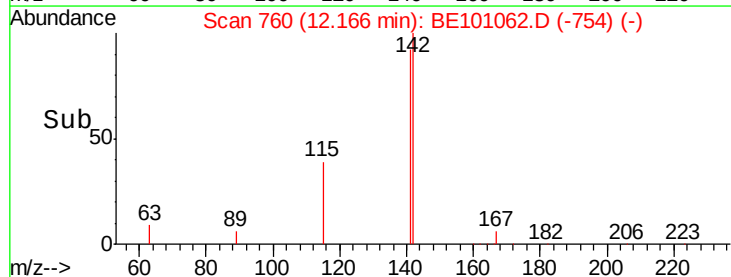
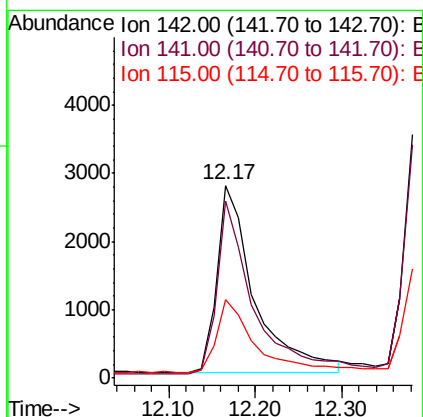
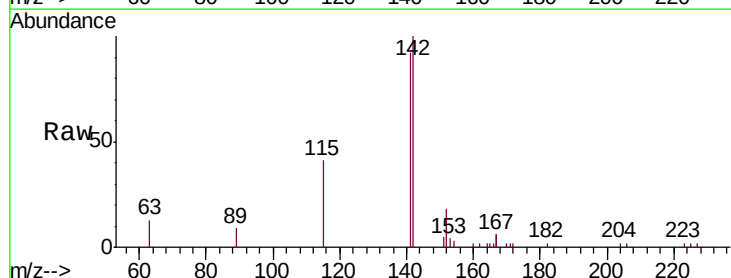
Instrument :
 BNA_E
 ClientSampleId :
 PB126102BSD

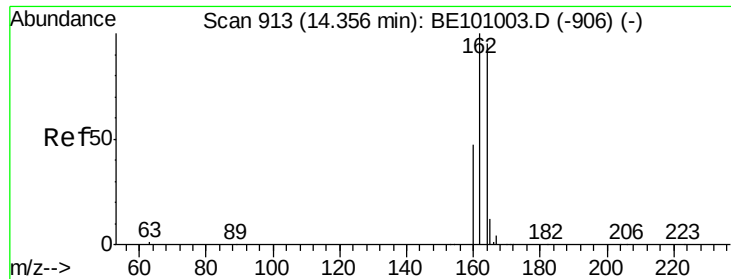
Tgt Ion:152 Resp: 10196
 Ion Ratio Lower Upper
 152 100
 151 16.6 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.332 ng
 RT: 12.17 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BE101062.D
 Acq: 15 Jan 2020 17:52

Tgt Ion:142 Resp: 8375
 Ion Ratio Lower Upper
 142 100
 141 91.7 72.5 108.7
 115 40.7 33.0 49.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

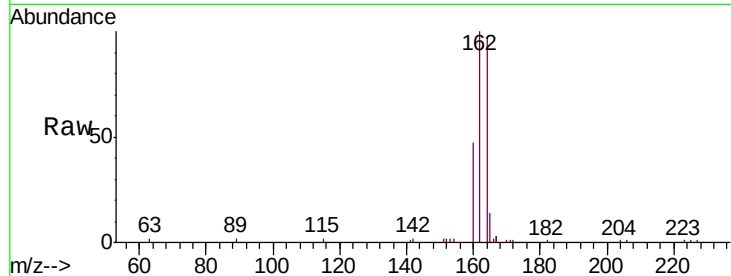
Tgt Ion:164 Resp: 8172

Ion Ratio Lower Upper

164 100

162 102.8 84.1 126.1

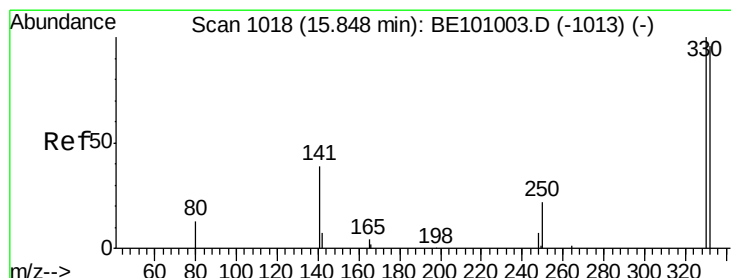
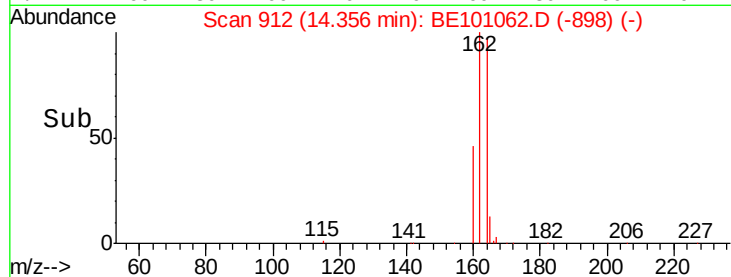
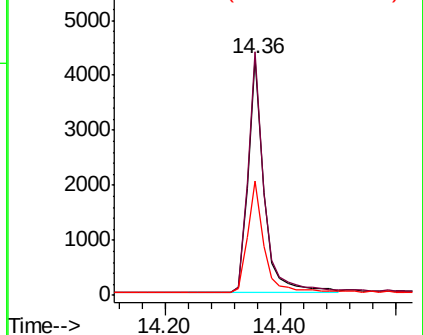
160 48.0 40.4 60.6



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: 0.422 ng

RT: 15.84 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

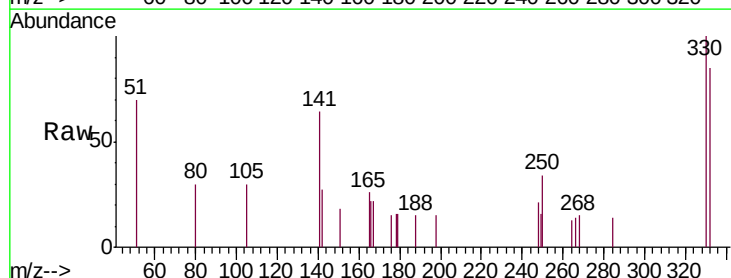
Tgt Ion:330 Resp: 974

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

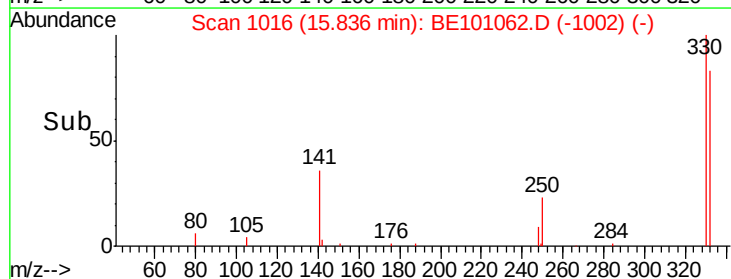
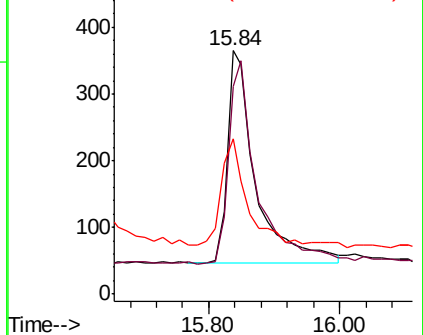
141 44.1 37.0 55.4

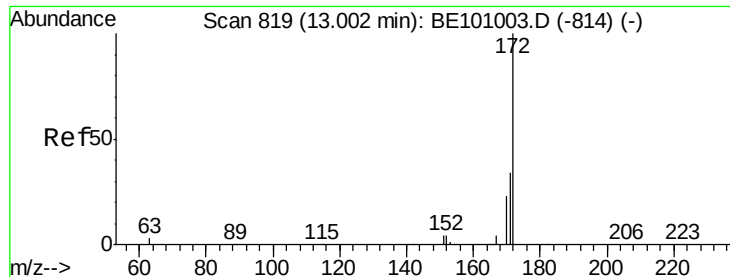


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

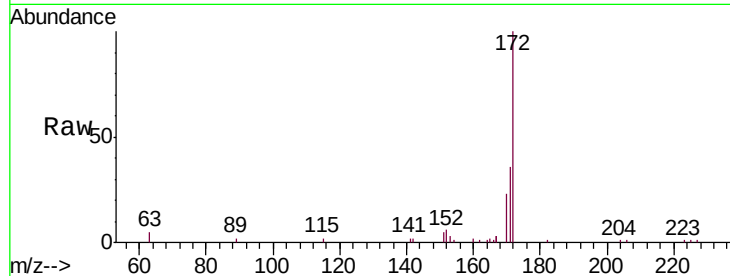




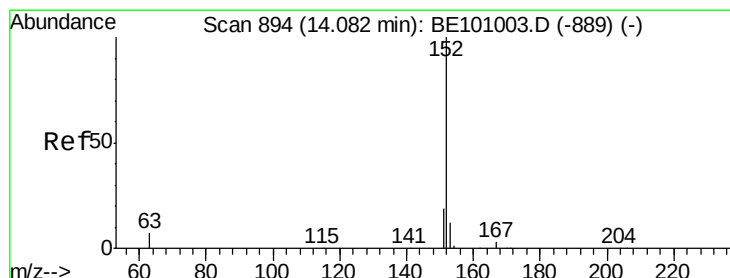
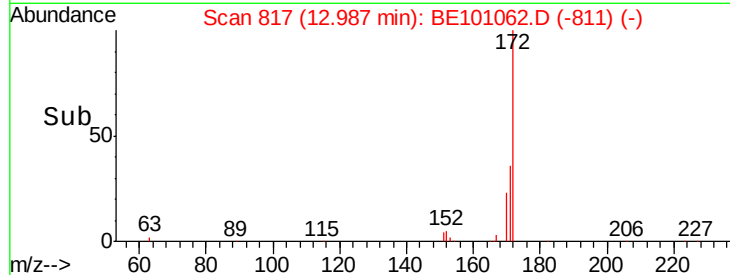
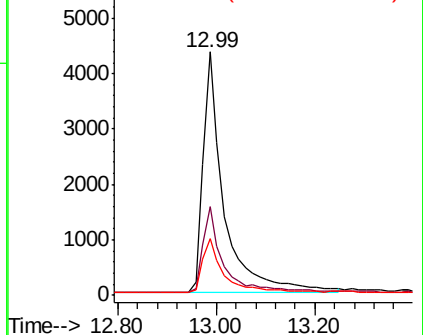
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101062.D
Acq: 15 Jan 2020 17:52

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Tgt Ion:172 Resp: 12800
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.2
170 23.5 18.9 28.3

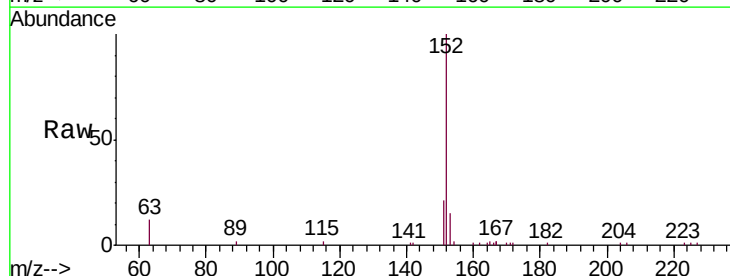


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

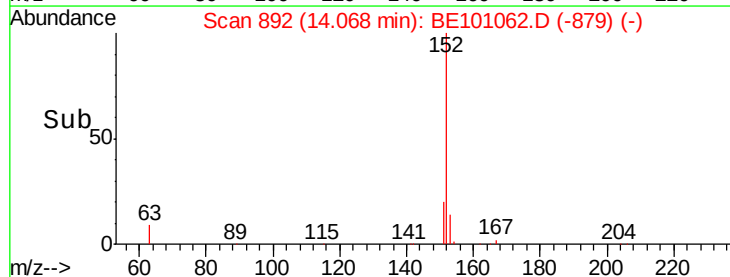
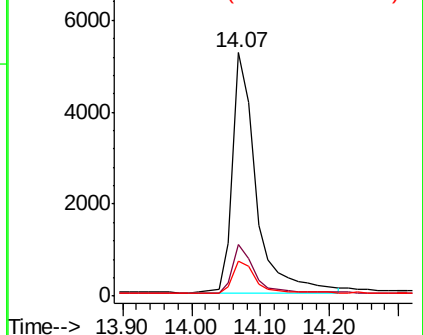


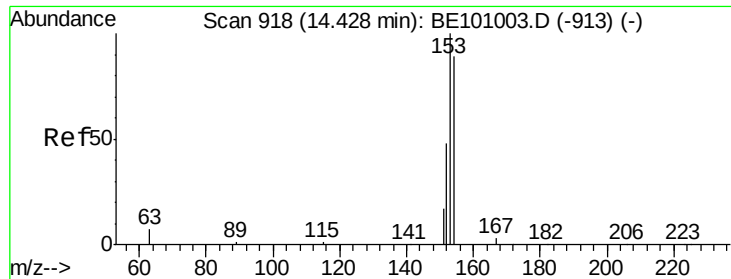
#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101062.D
Acq: 15 Jan 2020 17:52

Tgt Ion:152 Resp: 12326
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 14.0 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

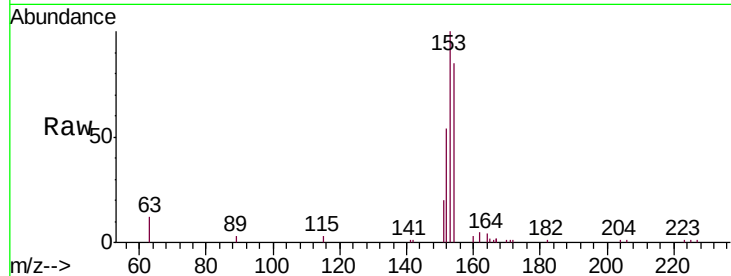




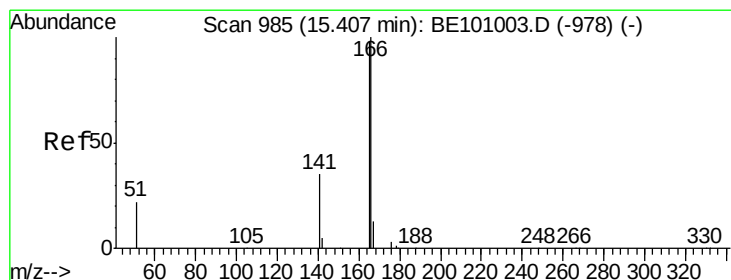
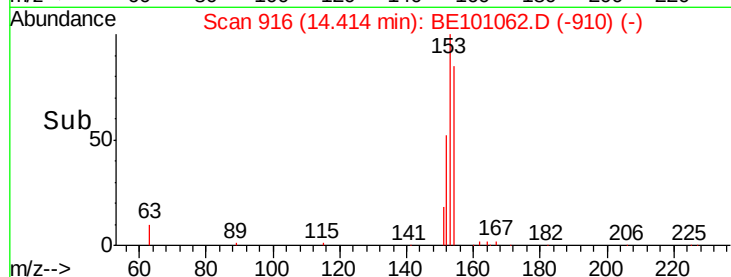
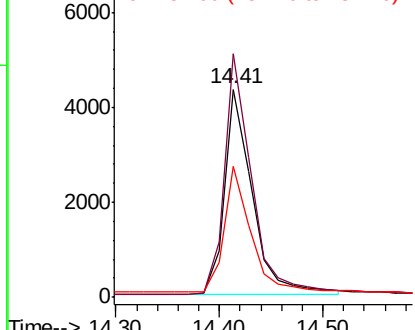
#17
Acenaphthene
Concen: 0.340 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101062.D
Acq: 15 Jan 2020 17:52

Instrument :
BNA_E
ClientSampleId :
PB126102BSD

Tgt Ion:154 Resp: 8095
Ion Ratio Lower Upper
154 100
153 115.2 93.6 140.4
152 58.3 46.3 69.5

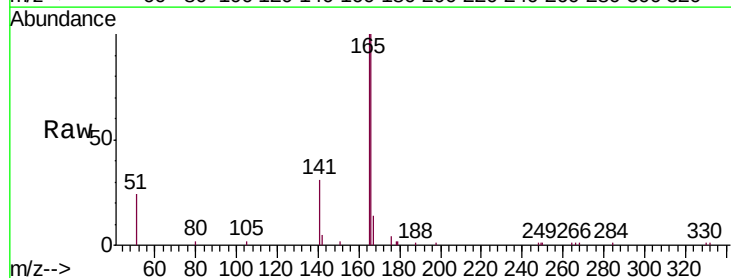


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

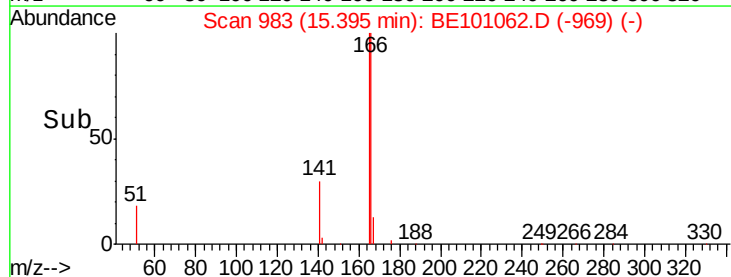
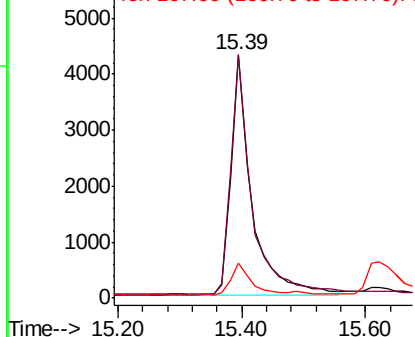


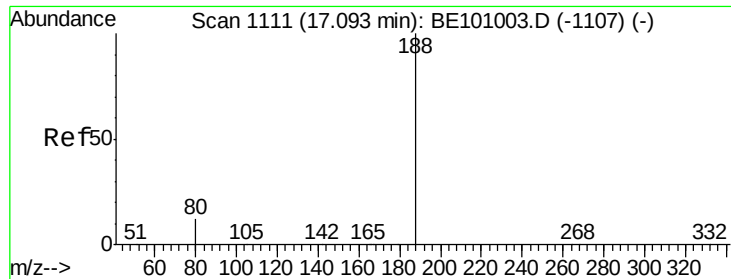
#18
Fluorene
Concen: 0.330 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101062.D
Acq: 15 Jan 2020 17:52

Tgt Ion:166 Resp: 9935
Ion Ratio Lower Upper
166 100
165 101.7 79.8 119.8
167 12.7 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: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

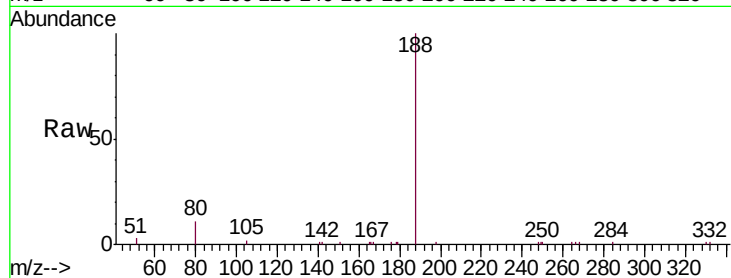
Tgt Ion:188 Resp: 17130

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

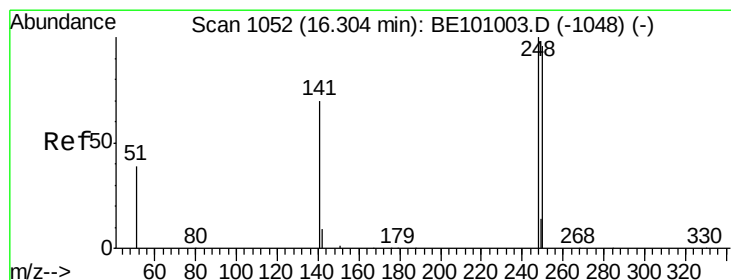
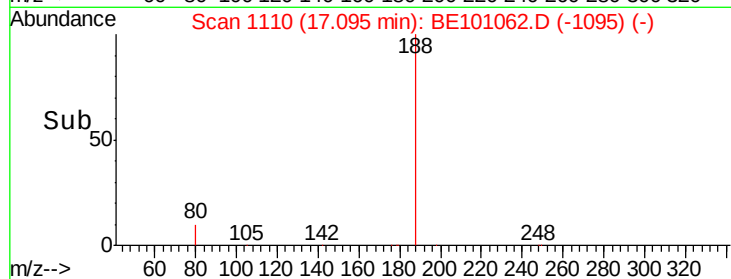
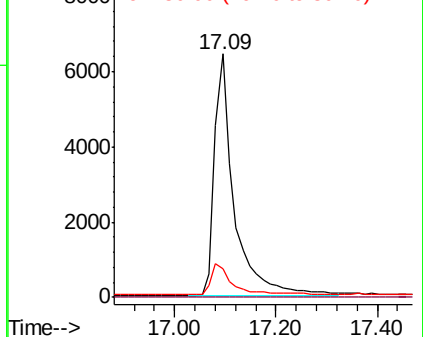
80 11.5 10.8 16.2



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: 0.326 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

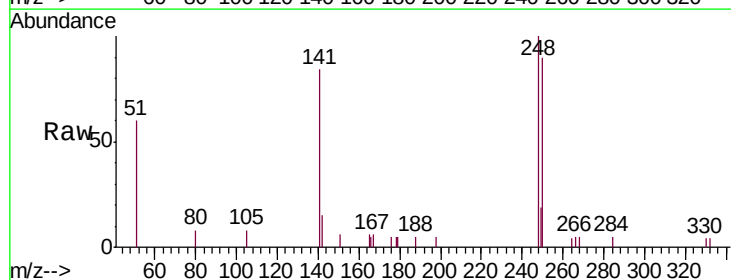
Tgt Ion:248 Resp: 2724

Ion Ratio Lower Upper

248 100

250 89.7 76.6 115.0

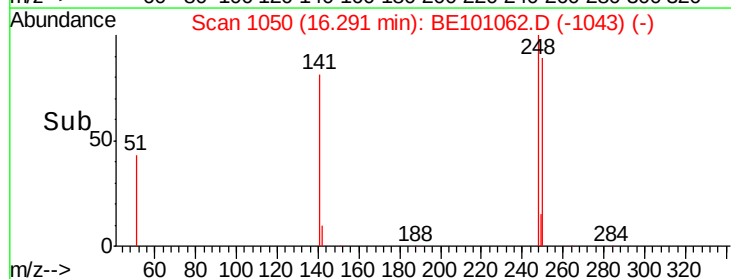
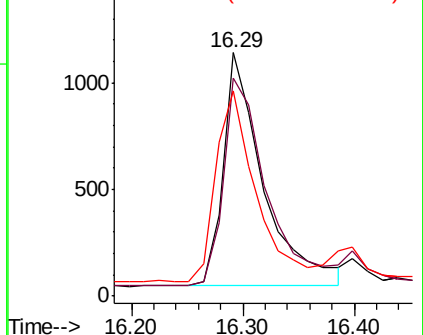
141 84.2 57.7 86.5

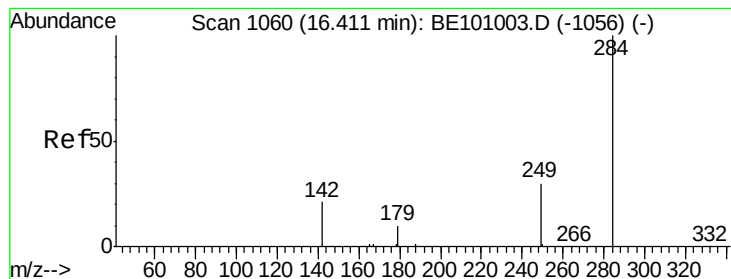


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.322 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

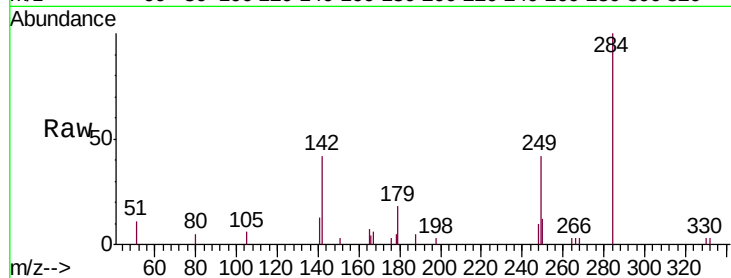
Tgt Ion:284 Resp: 2948

Ion Ratio Lower Upper

284 100

142 42.6 34.0 51.0

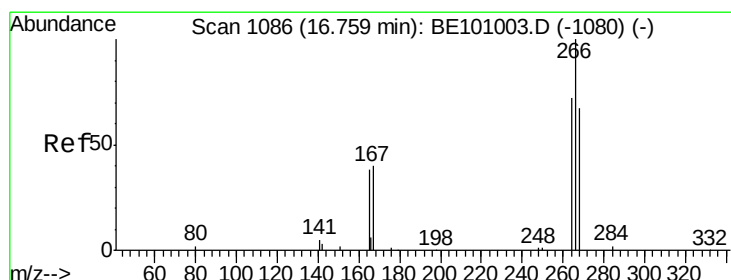
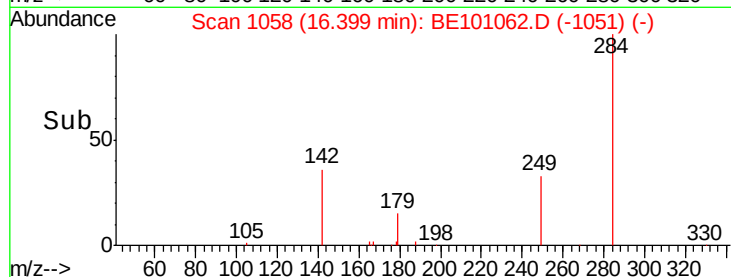
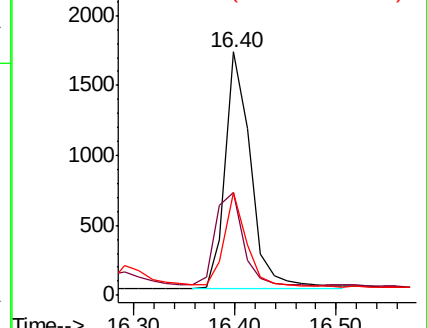
249 34.8 28.2 42.4



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: 0.896 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

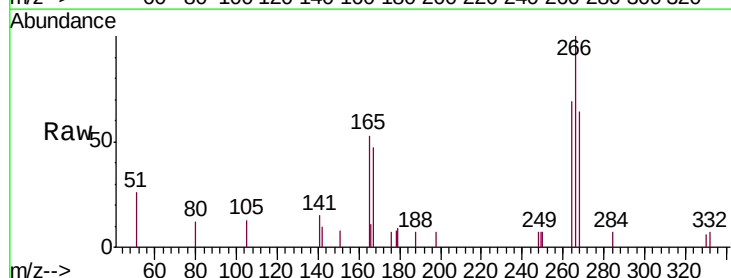
Tgt Ion:266 Resp: 2071

Ion Ratio Lower Upper

266 100

264 68.7 61.0 91.4

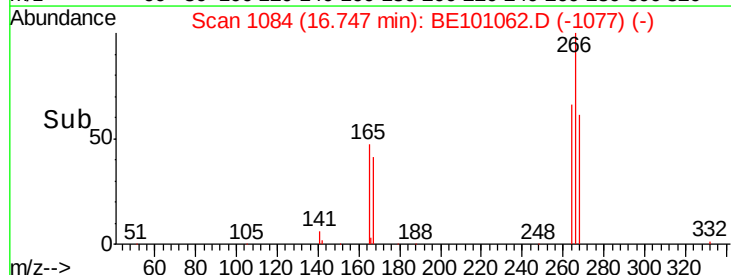
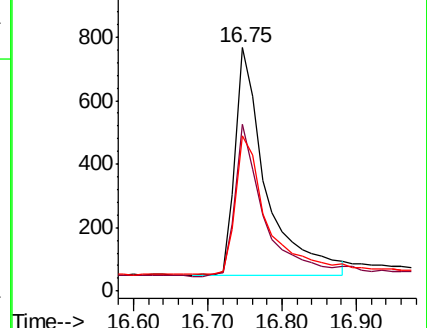
268 63.6 58.5 87.7

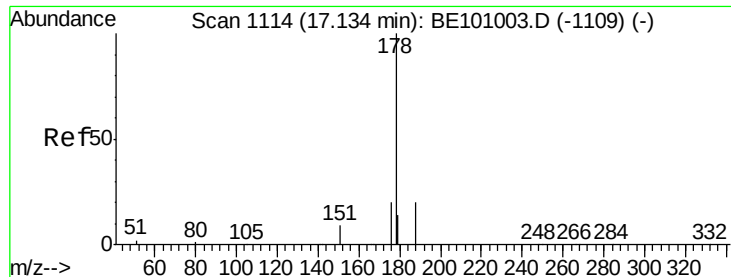


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.331 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

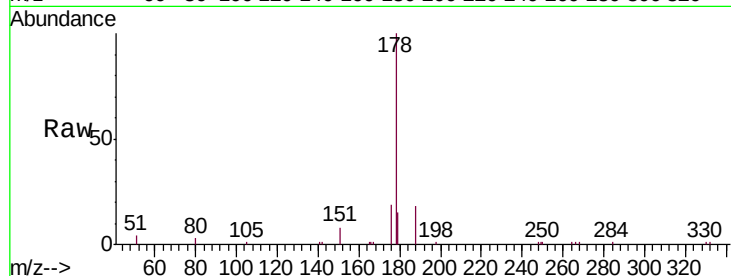
Tgt Ion:178 Resp: 15492

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

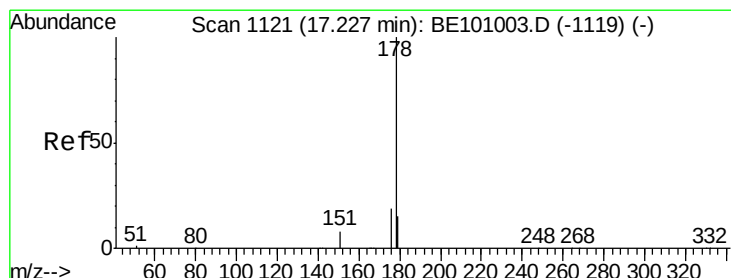
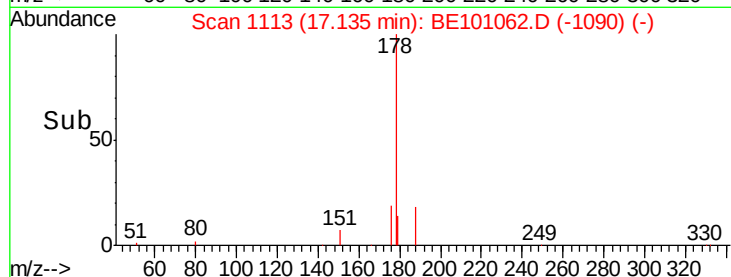
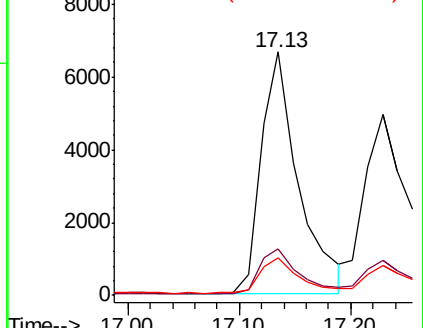
179 15.0 12.0 18.0



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: 0.370 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

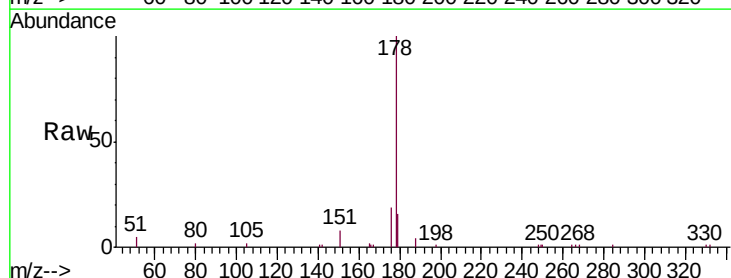
Tgt Ion:178 Resp: 16340

Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

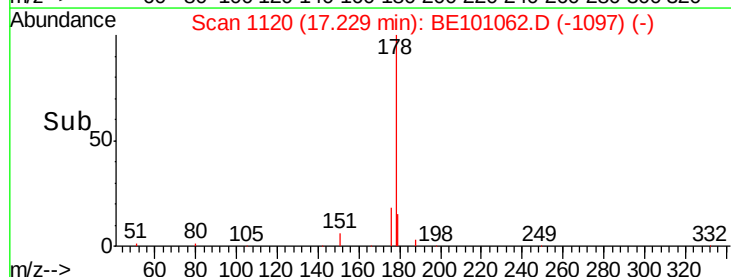
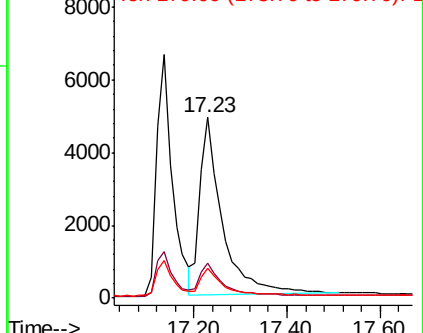
179 15.3 12.4 18.6

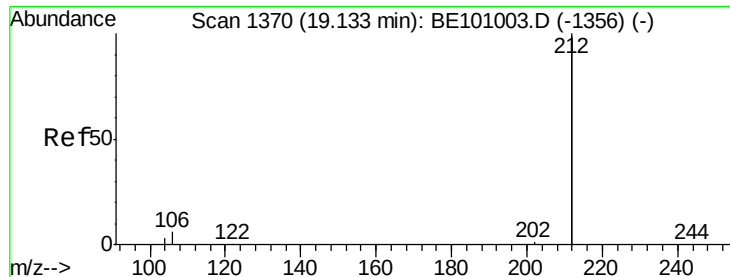


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.327 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

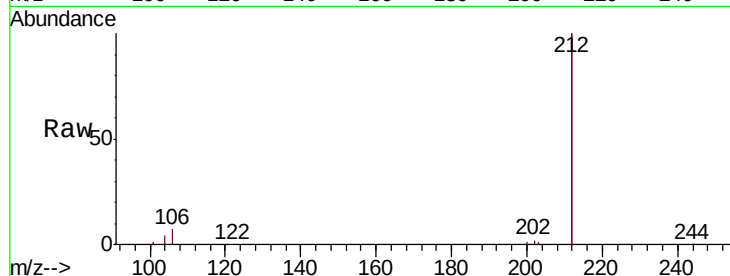
Tgt Ion:212 Resp: 77712

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

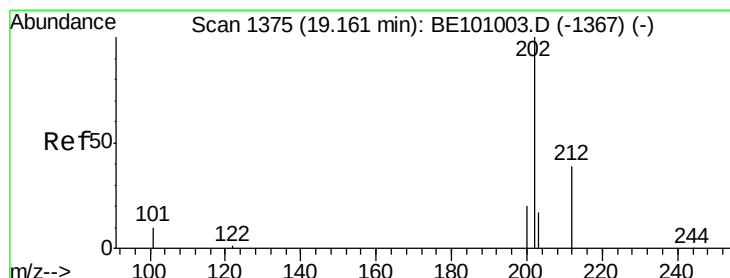
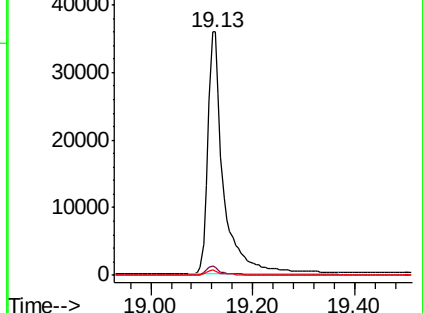
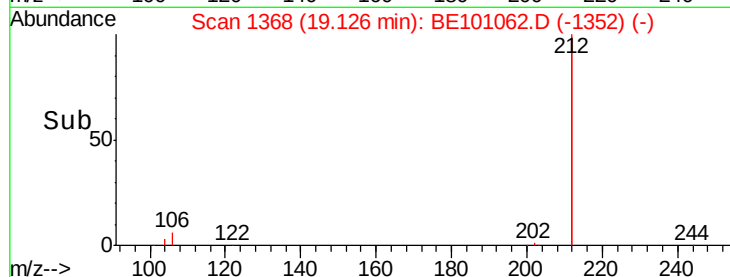
104 1.8 1.4 2.0



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: 0.340 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

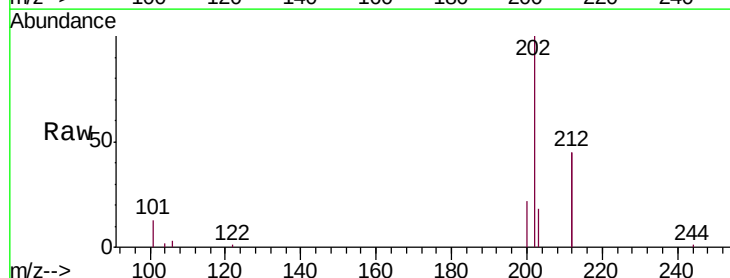
Tgt Ion:202 Resp: 19911

Ion Ratio Lower Upper

202 100

101 12.1 9.6 14.4

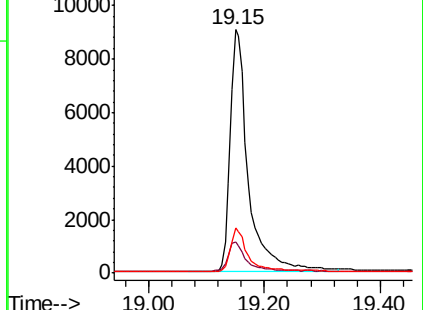
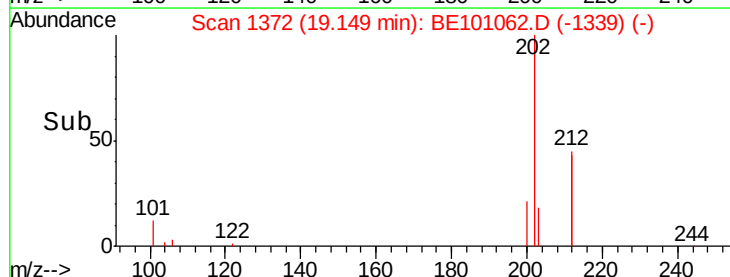
203 16.6 13.8 20.6

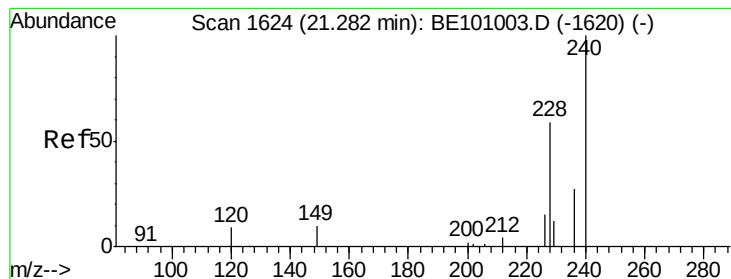


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

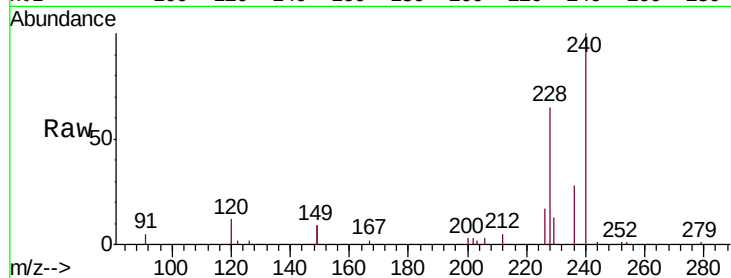
Tgt Ion:240 Resp: 15871

Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

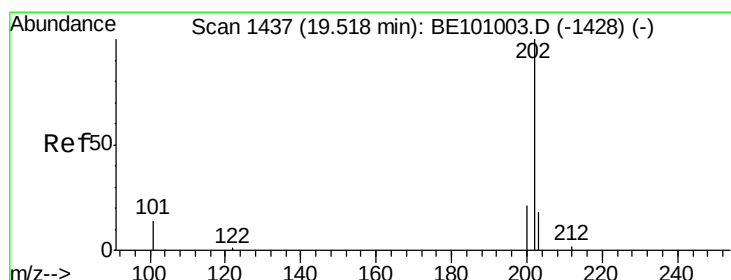
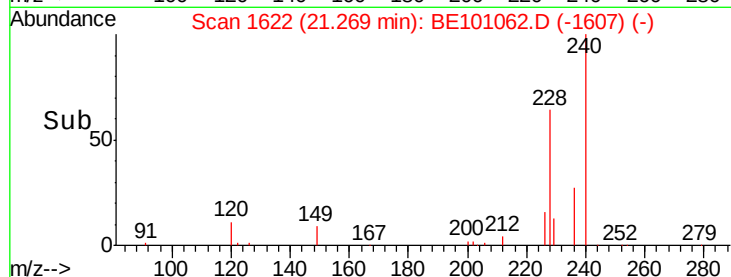
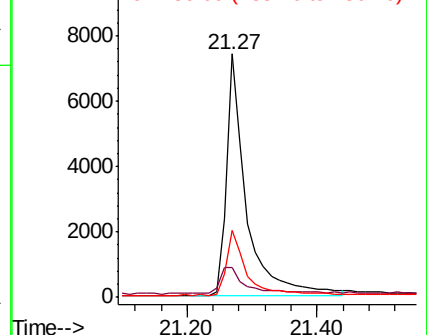
236 27.6 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.351 ng

RT: 19.51 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

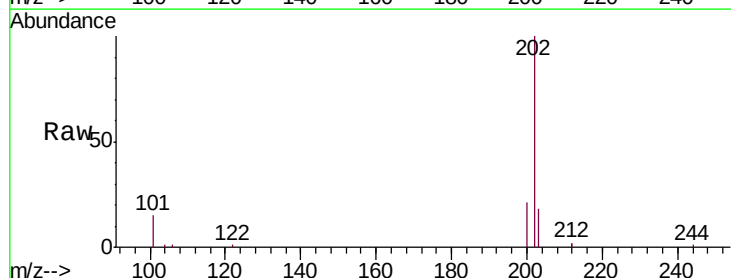
Tgt Ion:202 Resp: 20761

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

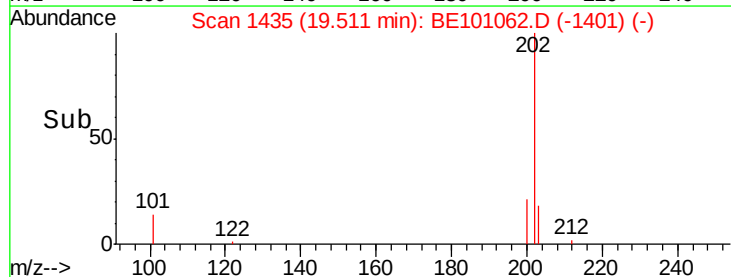
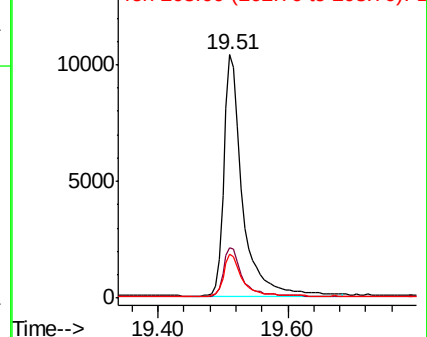
203 17.6 13.8 20.6

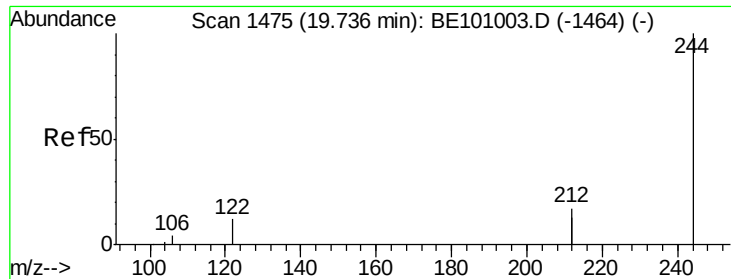


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

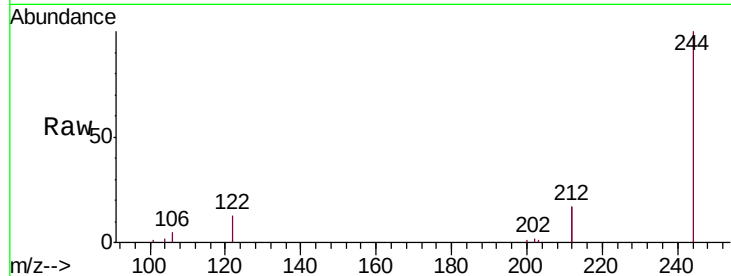
Tgt Ion:244 Resp: 15796

Ion Ratio Lower Upper

244 100

212 33.9 27.2 40.8

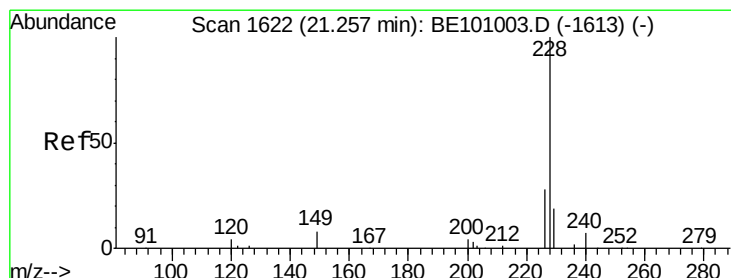
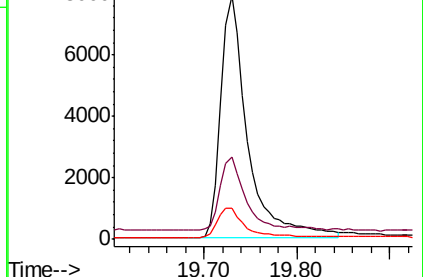
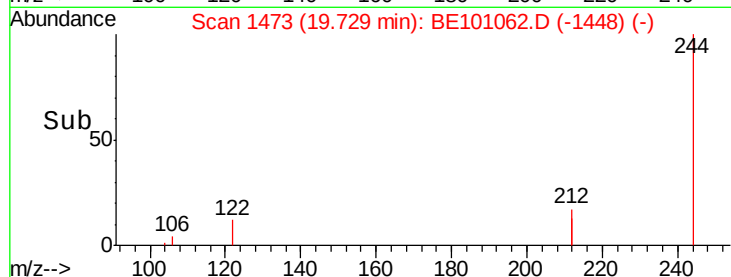
122 12.5 9.8 14.8



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: 0.351 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

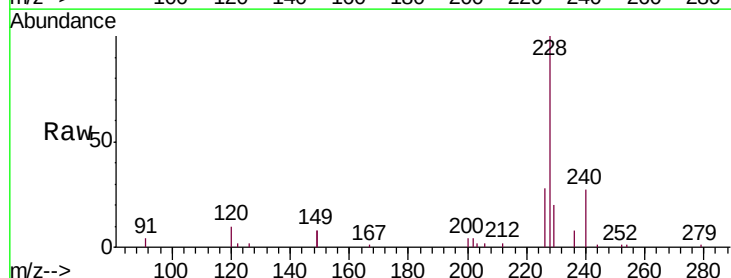
Tgt Ion:228 Resp: 15911

Ion Ratio Lower Upper

228 100

226 27.6 22.7 34.1

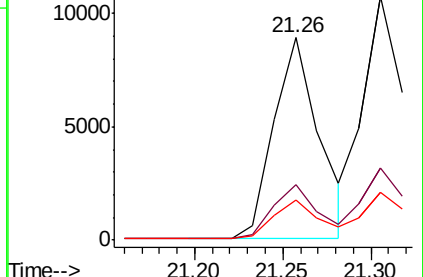
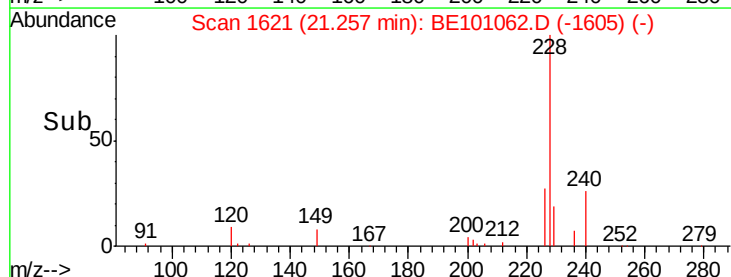
229 19.9 15.5 23.3

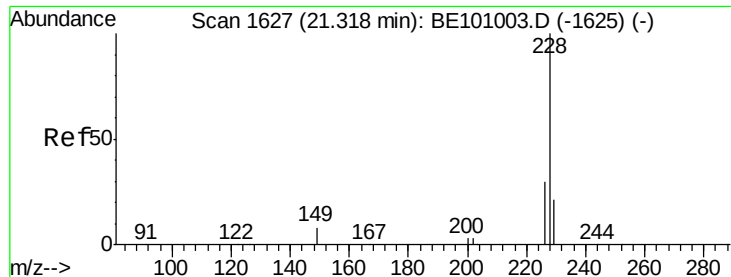


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.362 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

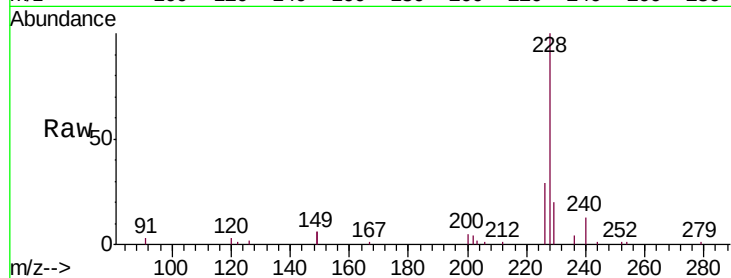
Tgt Ion:228 Resp: 24399

Ion Ratio Lower Upper

228 100

226 29.4 23.5 35.3

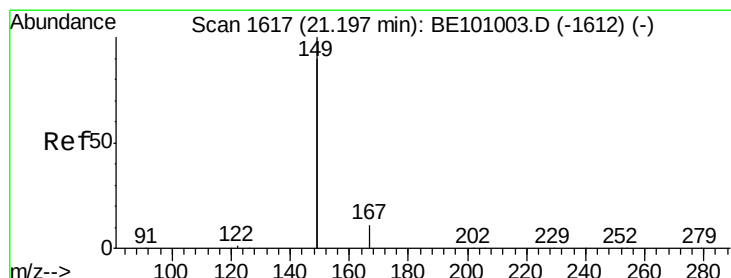
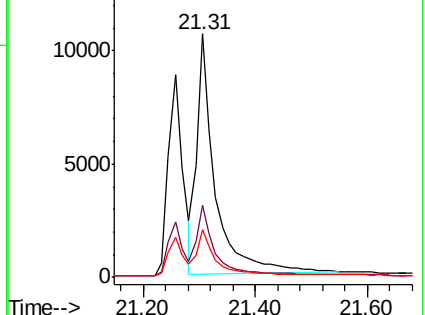
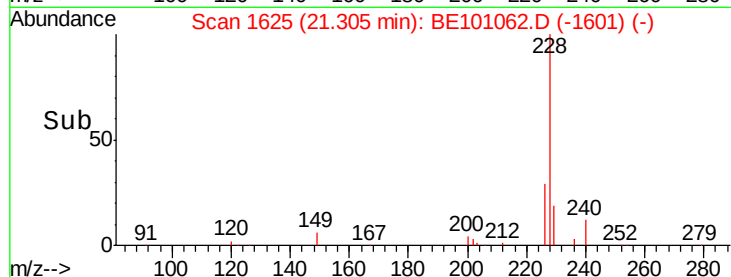
229 19.7 16.7 25.1



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: 0.477 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

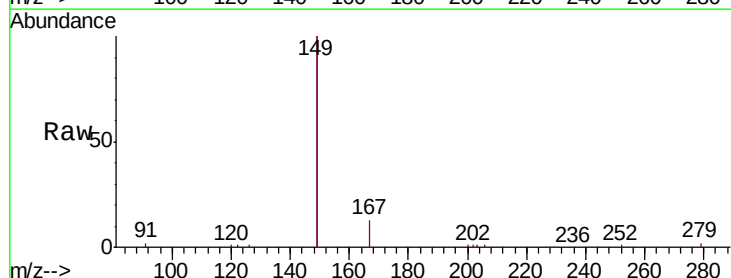
Tgt Ion:149 Resp: 35966

Ion Ratio Lower Upper

149 100

167 6.2 5.2 7.8

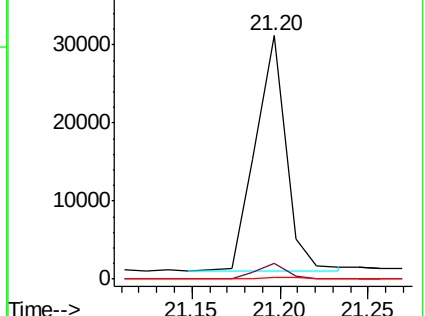
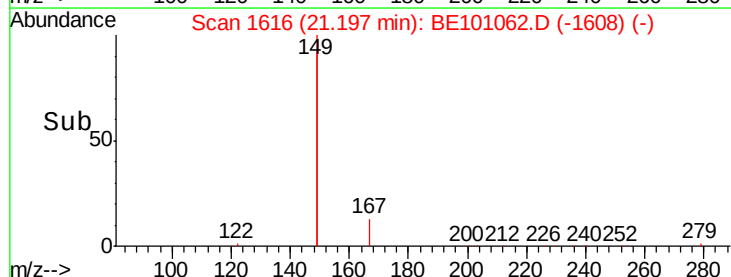
279 0.8 0.8 1.2

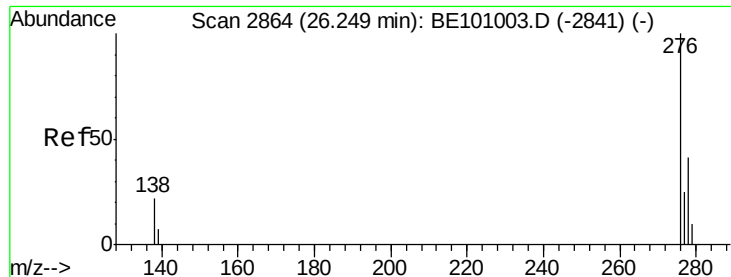


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.457 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

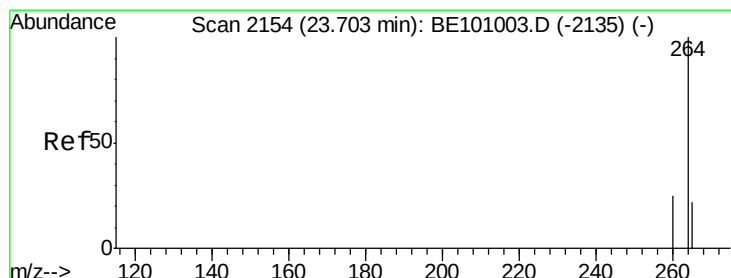
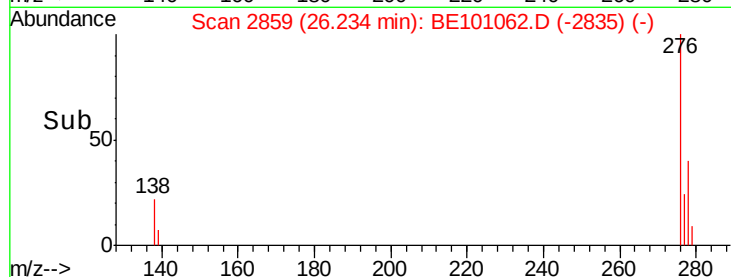
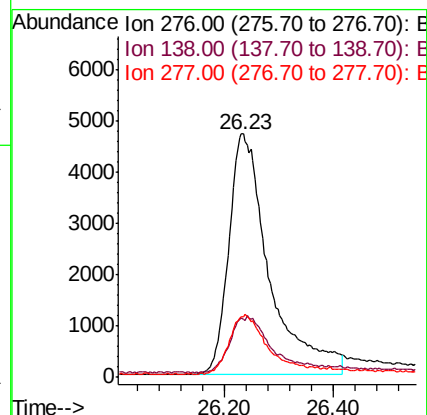
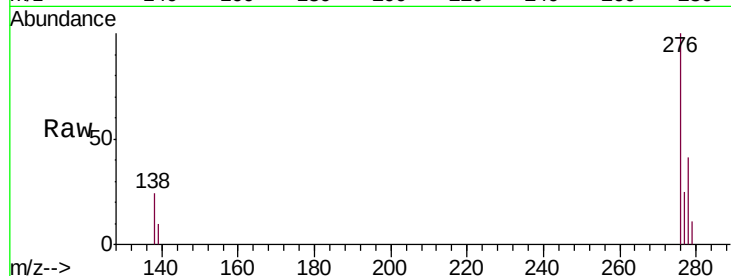
Tgt Ion:276 Resp: 24311

Ion Ratio Lower Upper

276 100

138 9.1 16.1 24.1#

277 23.2 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: BE101062.D

Acq: 15 Jan 2020 17:52

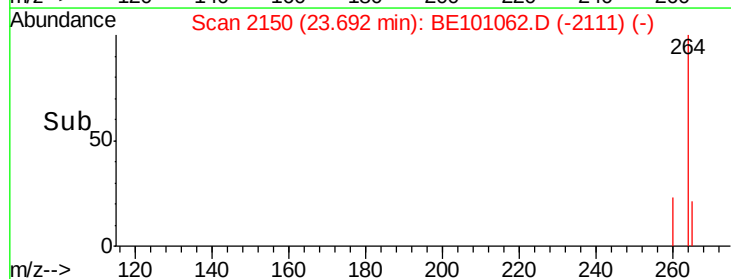
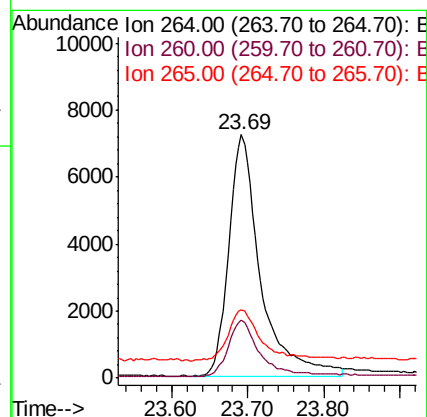
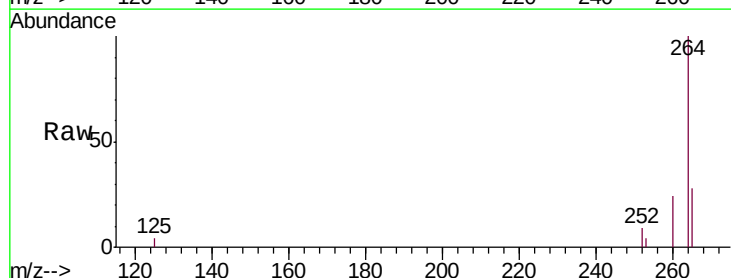
Tgt Ion:264 Resp: 20681

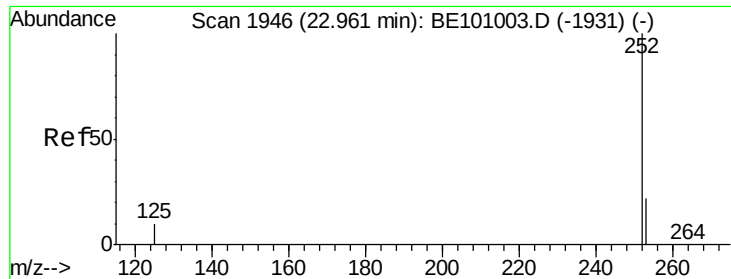
Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 28.3 27.0 40.4

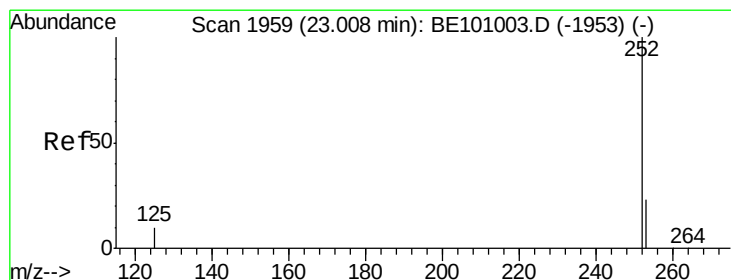
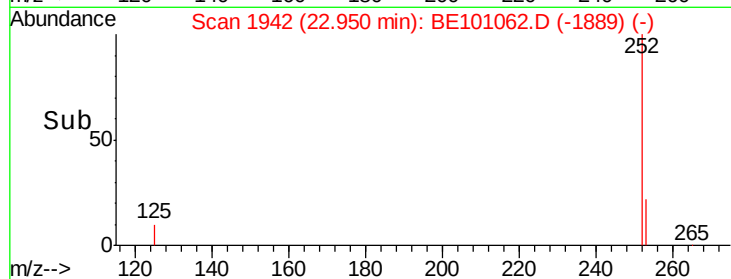
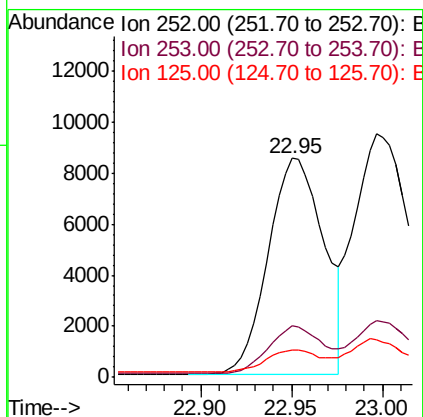
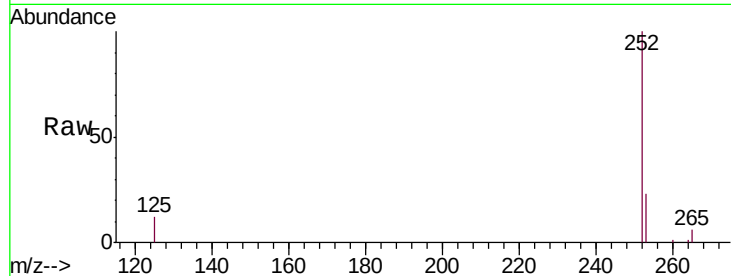




#35
Benzo(b)fluoranthene
Concen: 0.309 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101062.D
Acq: 15 Jan 2020 17:52

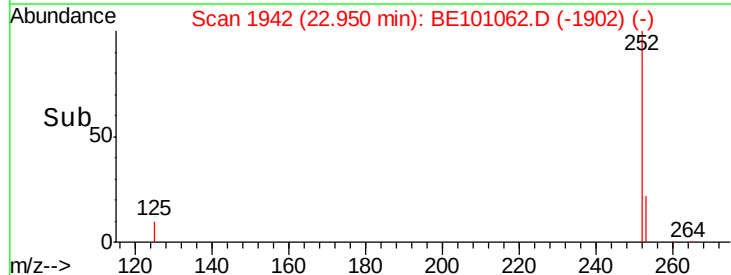
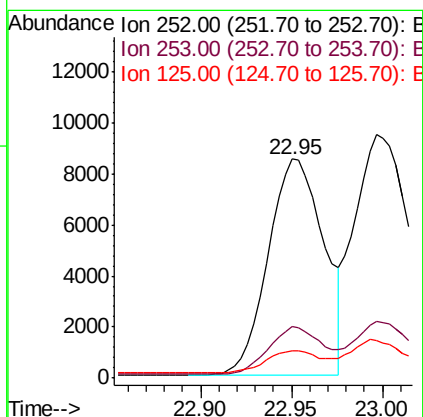
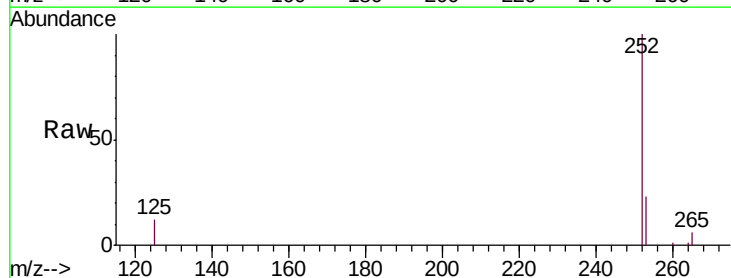
Instrument :
BNA_E
ClientSampleId :
PB126102BSD

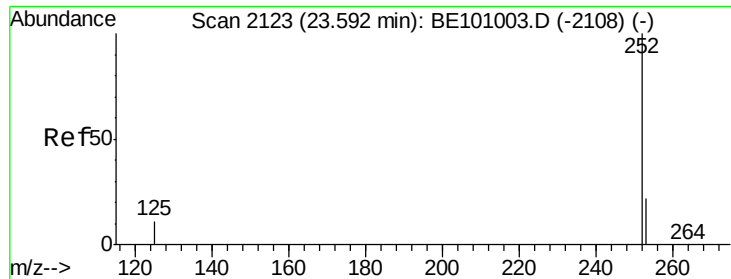
Tgt Ion:252 Resp: 17899
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 12.3 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 0.213 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.06 min
Lab File: BE101062.D
Acq: 15 Jan 2020 17:52

Tgt Ion:252 Resp: 17899
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 12.3 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.371 ng

RT: 23.58 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD

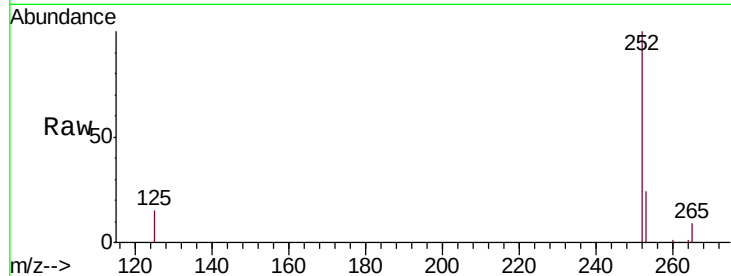
Tgt Ion:252 Resp: 20799

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

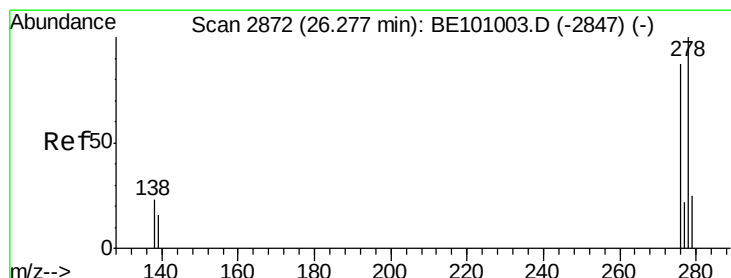
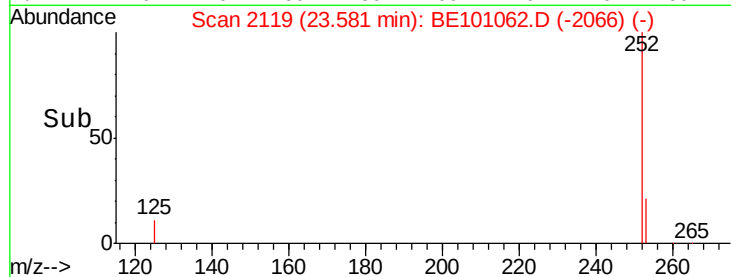
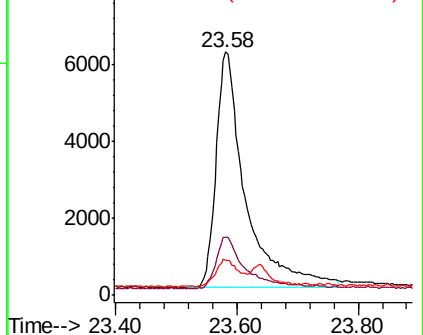
125 14.6 11.8 17.6



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: 0.352 ng

RT: 26.26 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BE101062.D

Acq: 15 Jan 2020 17:52

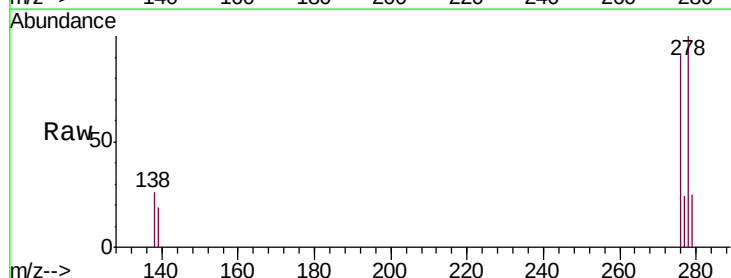
Tgt Ion:278 Resp: 18156

Ion Ratio Lower Upper

278 100

139 19.2 15.0 22.4

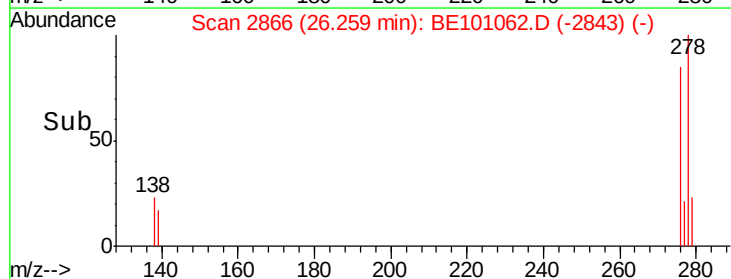
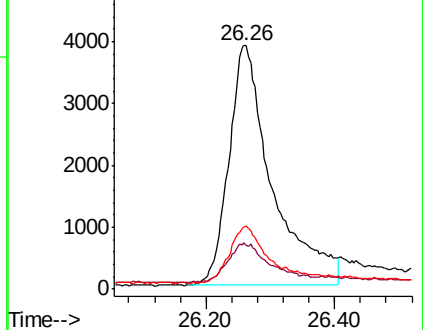
279 25.4 22.6 33.8

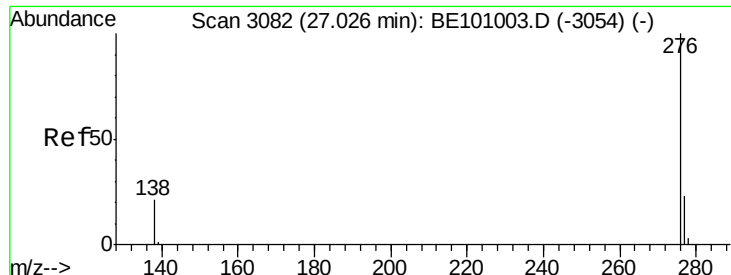


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.355 ng

RT: 27.00 min Scan# 3075

Delta R.T. -0.02 min

Lab File: BE101062.D

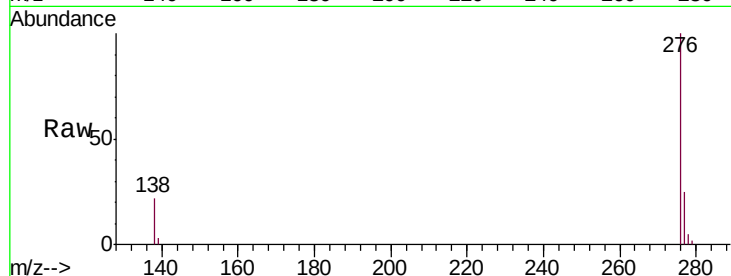
Acq: 15 Jan 2020 17:52

Instrument :

BNA_E

ClientSampleId :

PB126102BSD



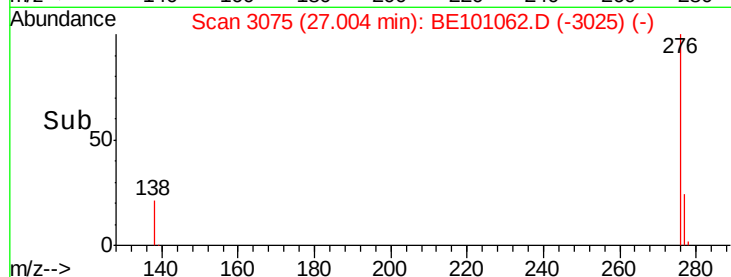
Tgt Ion: 276 Resp: 22539

Ion Ratio Lower Upper

276 100

277 24.9 19.4 29.2

138 22.2 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

