

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100200.D
 Acq On : 27 Jun 2019 11:22
 Operator : JU/SJ
 Sample : PB120738BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 27 18:51:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	831	0.40	ng	-0.02
7) Naphthalene-d8	10.45	136	2876	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	2169	0.40	ng	-0.01
19) Phenanthrene-d10	17.07	188	6843	0.40	ng	-0.03
27) Chrysene-d12	21.24	240	10081	0.40	ng	-0.04
34) Perylene-d12	23.67	264	10366	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	782	0.42	ng	0.00
5) Phenol-d6	6.85	99	1169	0.46	ng	-0.02
8) Nitrobenzene-d5	8.82	82	1148	0.40	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	2189	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	491	0.39	ng	-0.03
15) 2-Fluorobiphenyl	12.96	172	3592	0.41	ng	-0.01
25) Fluoranthene-d10	19.10	212	38035	0.39	ng	-0.03
29) Terphenyl-d14	19.71	244	7367	0.37	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	531	0.408	ng	# 95
3) n-Nitrosodimethylamine	3.48	42	243	0.505	ng	# 24
6) bis(2-Chloroethyl)ether	7.09	93	1017	0.437	ng	# 96
9) Naphthalene	10.50	128	13142	0.419	ng	# 97
10) Hexachlorobutadiene	10.77	225	1220	0.376	ng	98
12) 2-Methylnaphthalene	12.14	142	2135	0.422	ng	98
16) Acenaphthylene	14.04	152	4554	0.431	ng	99
17) Acenaphthene	14.38	154	2497	0.421	ng	100
18) Fluorene	15.37	166	3809	0.444	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	1786	0.421	ng	95
21) Hexachlorobenzene	16.37	284	1823	0.391	ng	99
22) Pentachlorophenol	16.75	266	2291	1.731	ng	# 80
23) Phenanthrene	17.11	178	6969	0.430	ng	99
24) Anthracene	17.20	178	5943	0.434	ng	99
26) Fluoranthene	19.13	202	10772	0.408	ng	100
28) Pyrene	19.50	202	10980	0.425	ng	99
30) Benzo(a)anthracene	21.23	228	11606	0.391	ng	98
31) Chrysene	21.28	228	13157	0.377	ng	99
32) Bis(2-ethylhexyl)phthalate	21.16	149	12740	0.373	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	15223	0.307	ng	# 95
35) Benzo(b)fluoranthene	22.97	252	13319	0.478	ng	98
36) Benzo(k)fluoranthene	22.97	252	13741	0.412	ng	100
37) Benzo(a)pyrene	23.56	252	12432	0.430	ng	# 83
38) Dibenzo(a,h)anthracene	26.25	278	11699	0.379	ng	97
39) Benzo(g,h,i)perylene	27.01	276	12657	0.392	ng	99

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

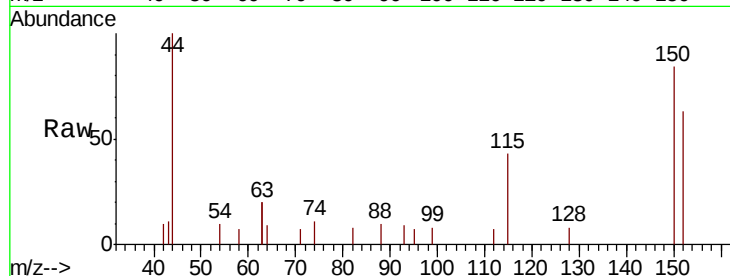


#1

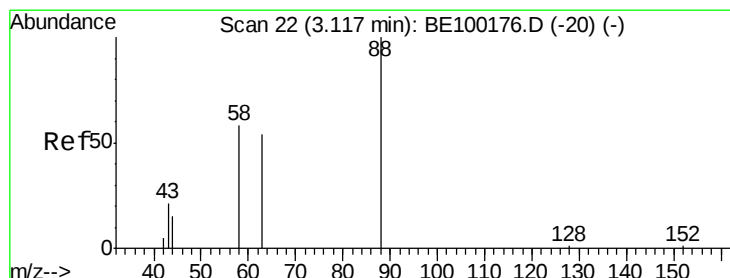
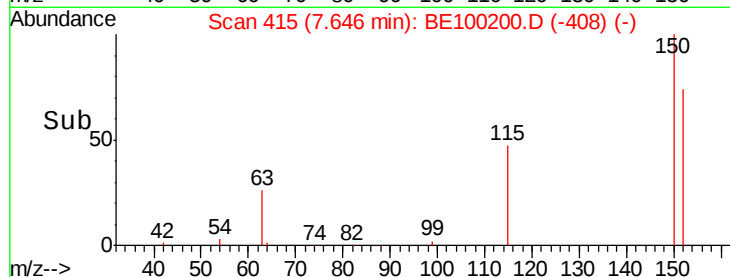
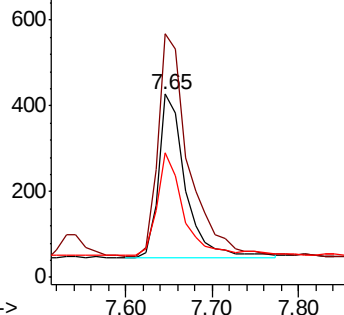
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. -0.02 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 831
Ion Ratio Lower Upper
152 100
150 133.0 113.4 170.2
115 68.1 55.8 83.6



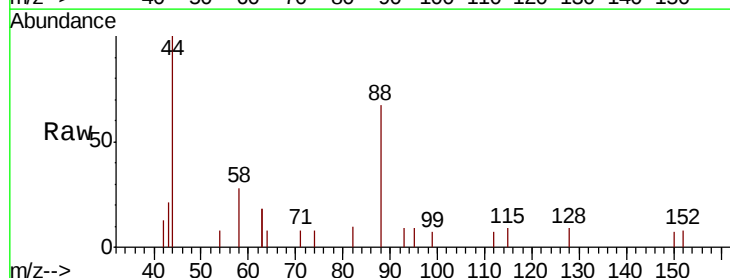
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



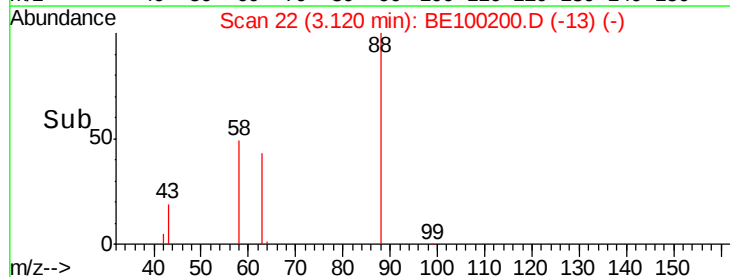
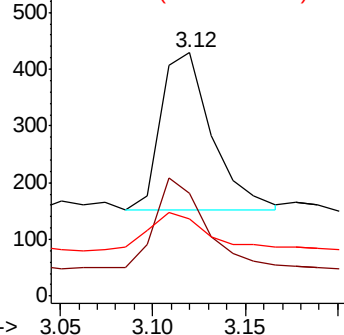
#2

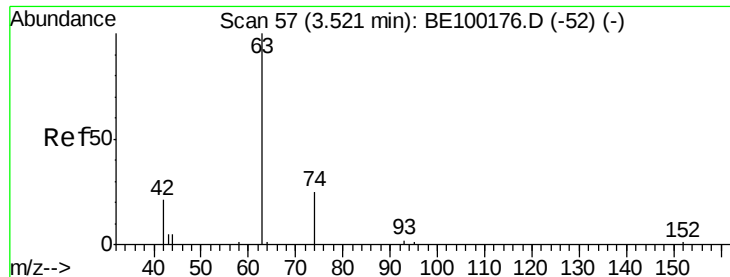
1,4-Dioxane
Concen: 0.408 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

Tgt Ion: 88 Resp: 531
Ion Ratio Lower Upper
88 100
58 55.7 43.8 65.6
43 30.1 19.4 29.2#



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: 0.505 ng

RT: 3.48 min Scan# 53

Delta R.T. -0.04 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

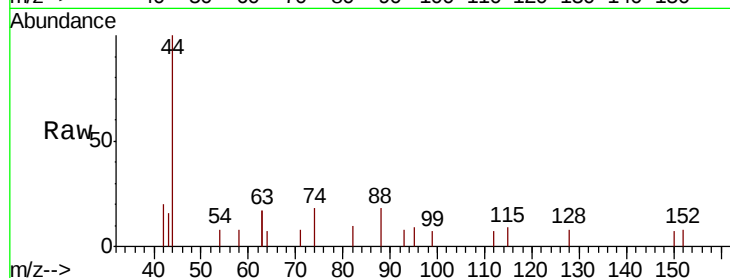
Tot Ion: 42 Resp: 243

Ion Ratio Lower Upper

42 100

74 152.3 193.2 289.8#

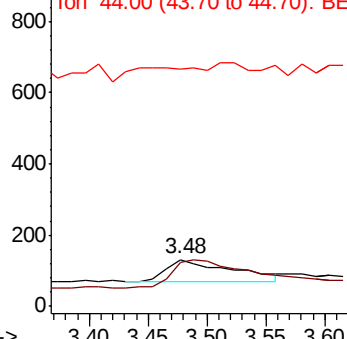
44 0.0 114.5 171.7#



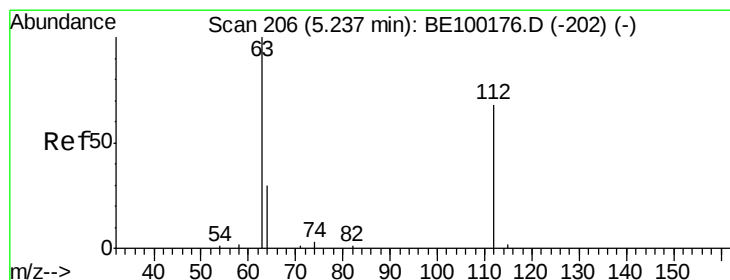
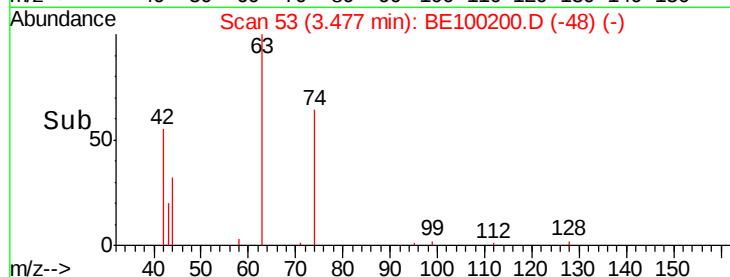
Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



Time-->



#4

2-Fluorophenol

Concen: 0.423 ng

RT: 5.23 min Scan# 205

Delta R.T. -0.01 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

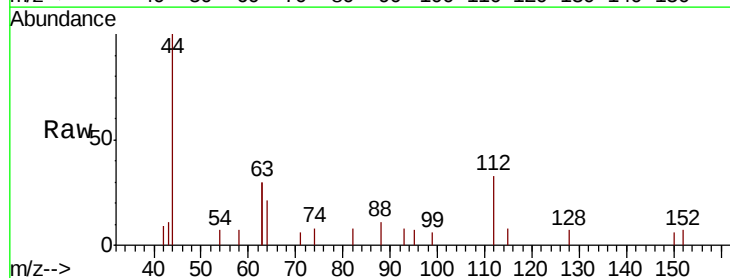
Tgt Ion: 112 Resp: 782

Ion Ratio Lower Upper

112 100

64 55.0 40.7 61.1

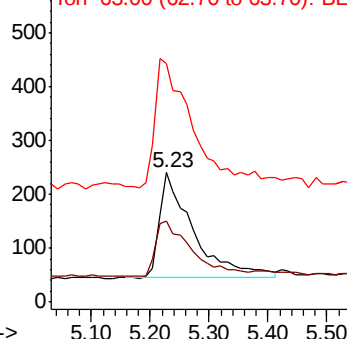
63 141.7 93.2 139.8#



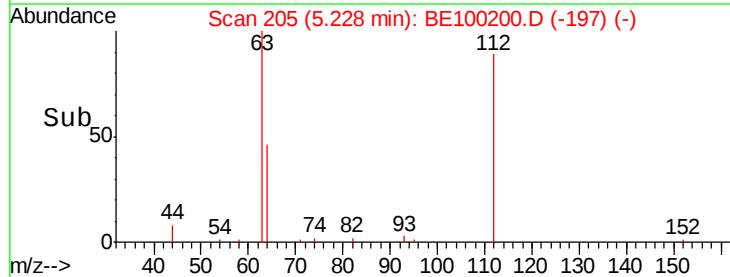
Abundance Ion 112.00 (111.70 to 112.70): BE1

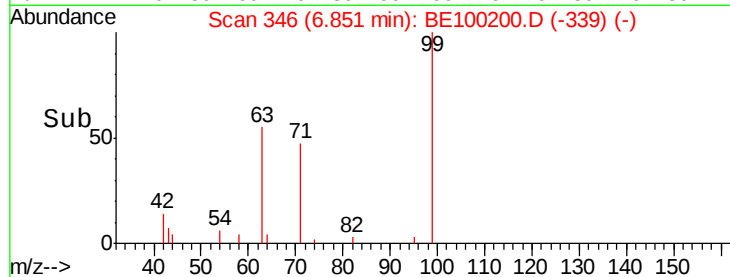
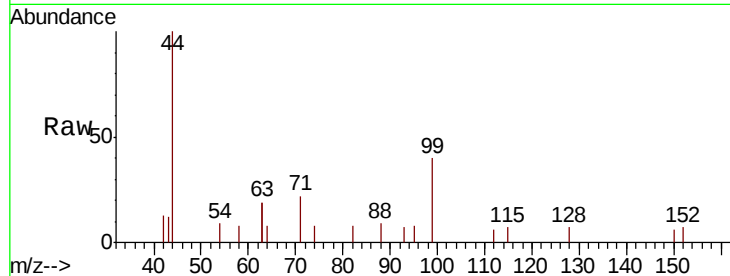
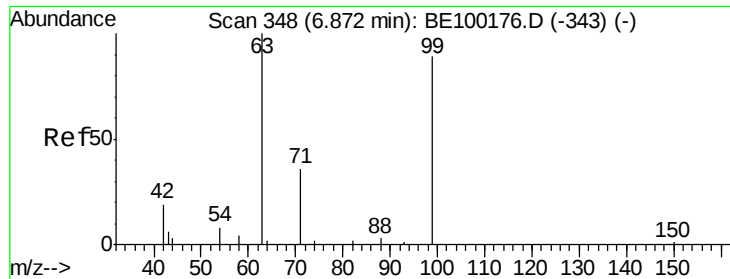
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



Time-->





#5

Phenol-d6

Concen: 0.460 ng

RT: 6.85 min Scan# 346

Delta R.T. -0.02 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampled :

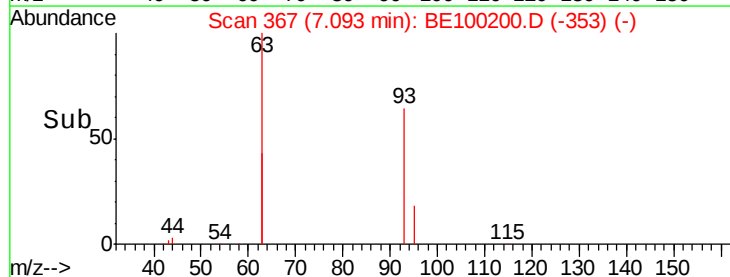
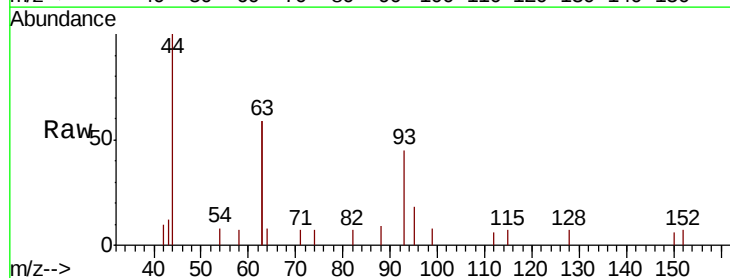
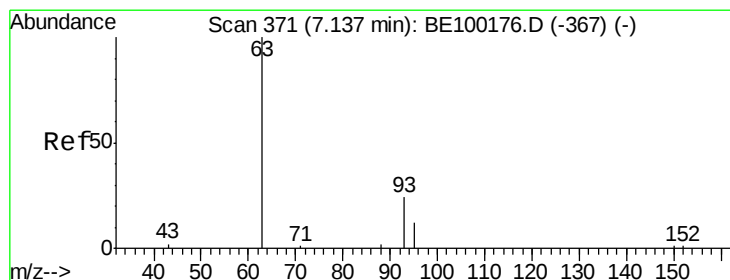
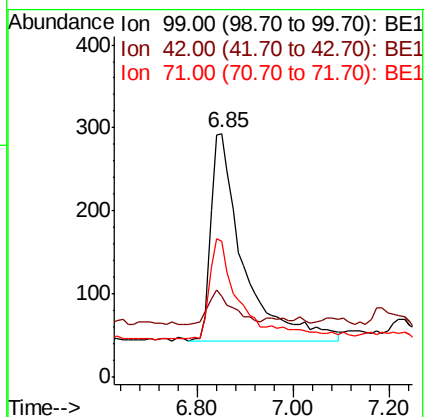
Tot Ion: 99 Resp: 1169

Ion Ratio Lower Upper

99 100

42 12.1 10.4 15.6

71 44.3 32.4 48.6



#6

bis(2-Chloroethyl)ether

Concen: 0.437 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.04 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

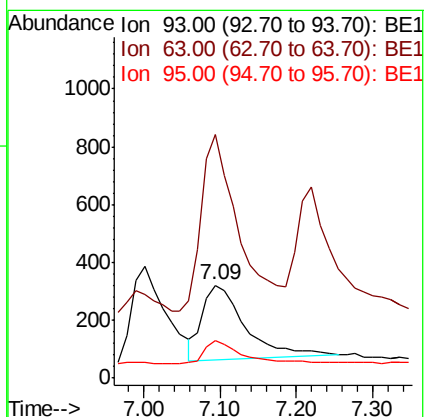
Tgt Ion: 93 Resp: 1017

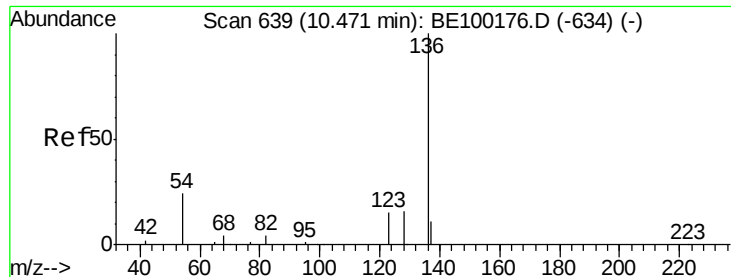
Ion Ratio Lower Upper

93 100

63 205.2 0.0 0.0#

95 28.5 21.0 31.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2876

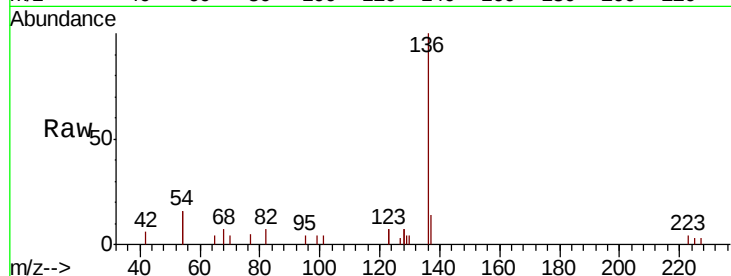
Ion Ratio Lower Upper

136 100

137 13.6 13.8 20.8#

54 32.4 35.4 53.2#

68 7.4 8.8 13.2#

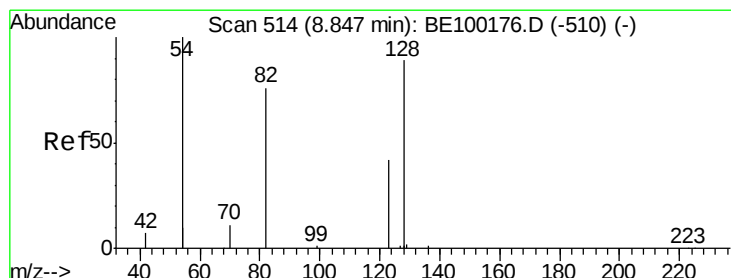
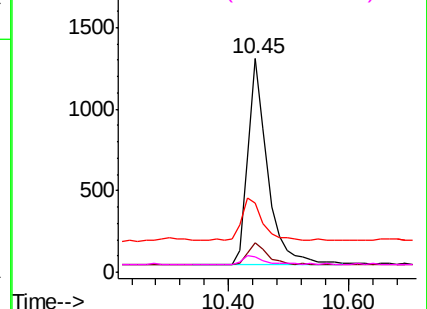
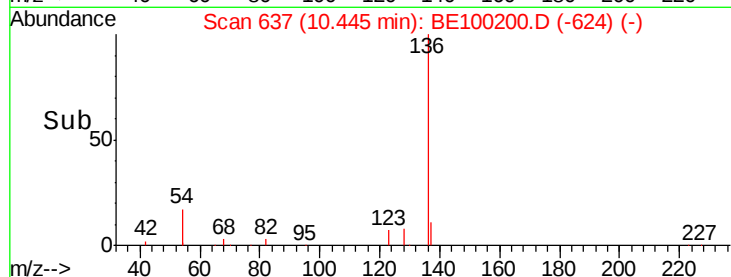


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

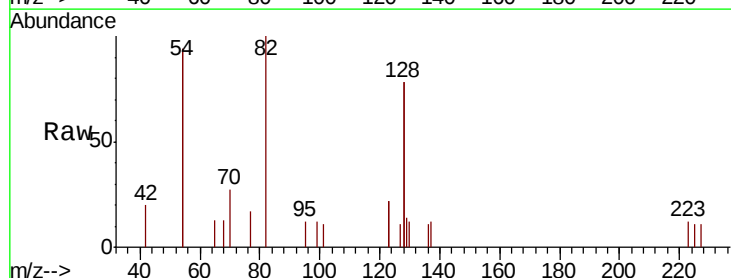
Tgt Ion: 82 Resp: 1148

Ion Ratio Lower Upper

82 100

128 155.3 144.6 217.0

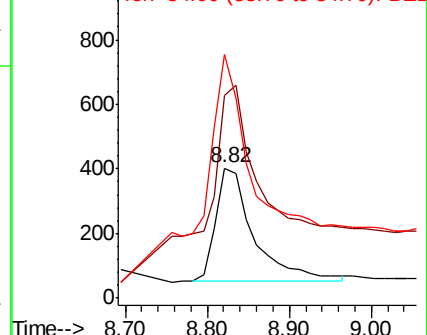
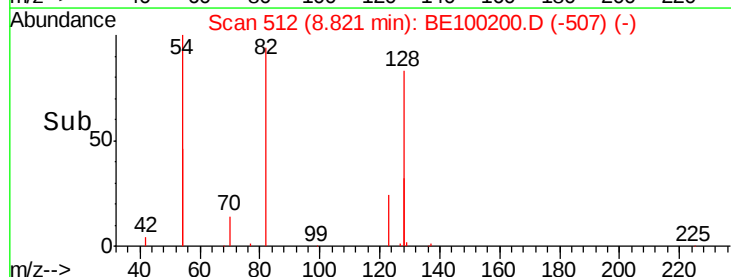
54 187.1 163.0 244.6

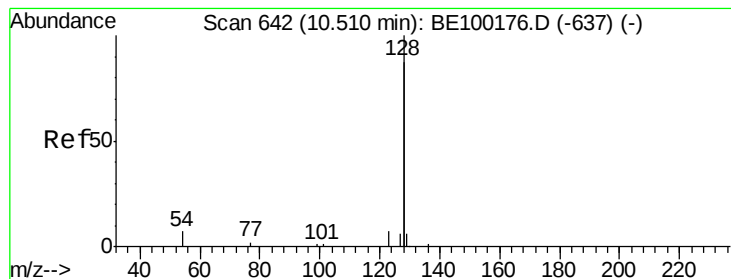


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.419 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.01 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

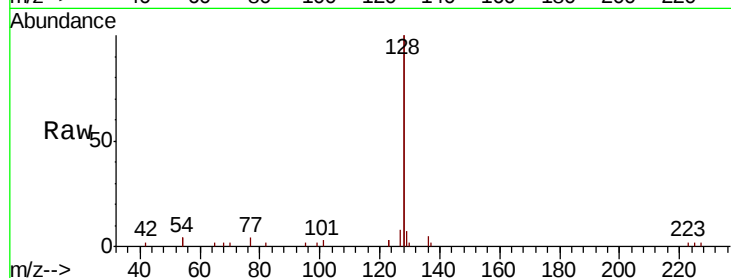
Tot Ion:128 Resp: 13142

Ion Ratio Lower Upper

128 100

129 3.5 3.6 5.4#

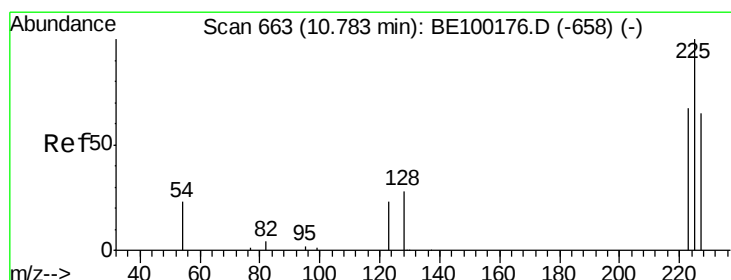
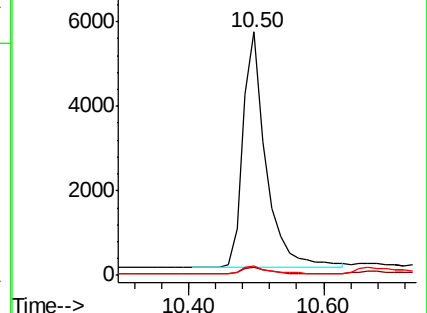
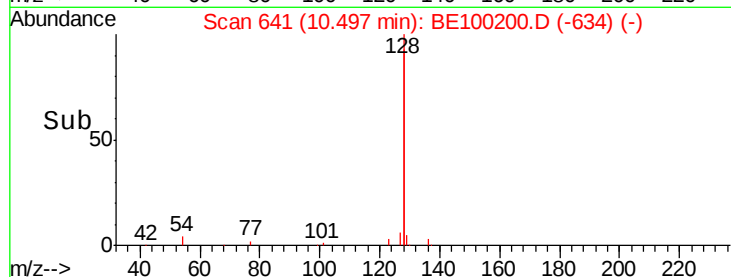
127 3.8 3.8 5.8#



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: 0.376 ng

RT: 10.77 min Scan# 662

Delta R.T. -0.01 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

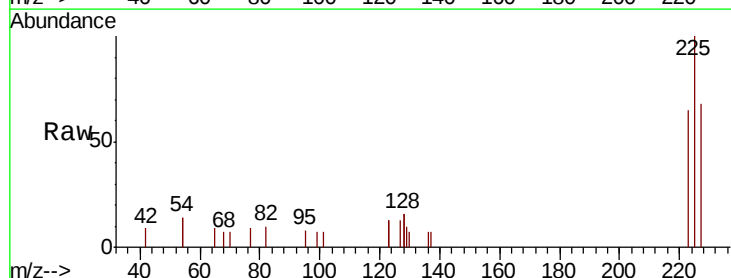
Tgt Ion:225 Resp: 1220

Ion Ratio Lower Upper

225 100

223 65.5 50.1 75.1

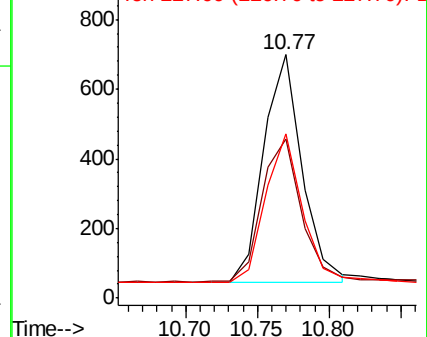
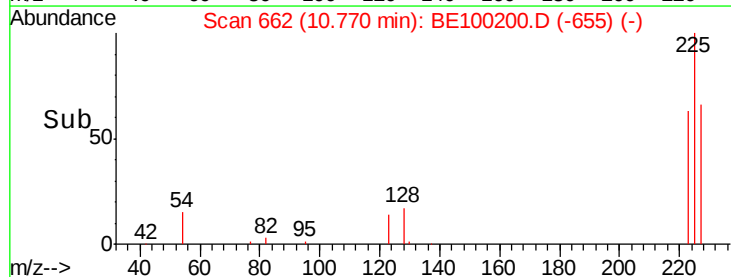
227 63.0 50.9 76.3

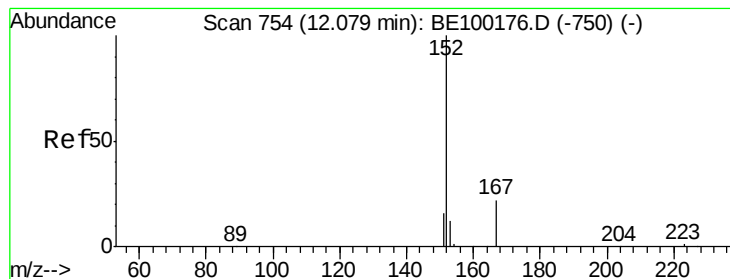


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.06 min Scan# 753

Delta R.T. -0.01 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

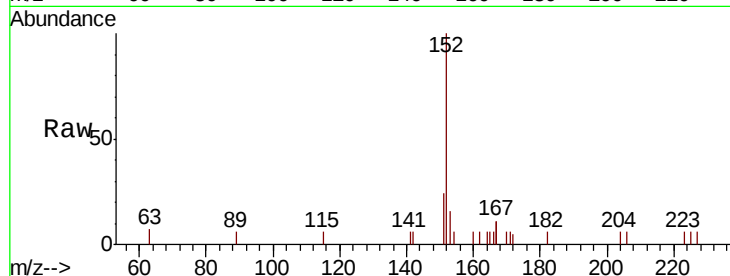
ClientSampleId :

Tot Ion:152 Resp: 2189

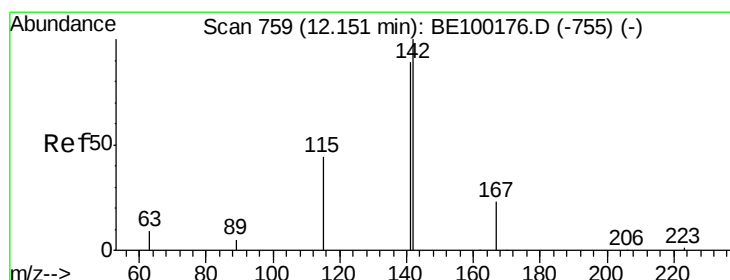
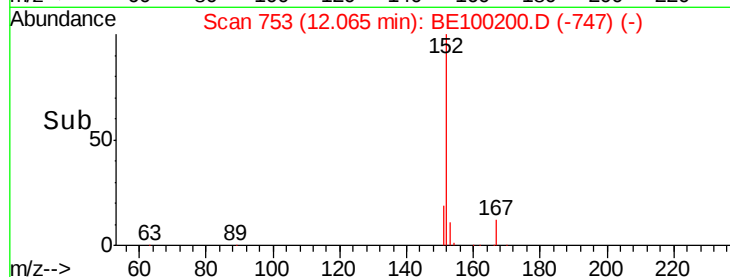
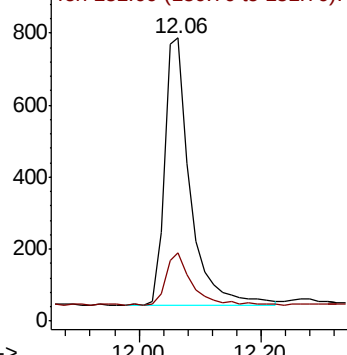
Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.422 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

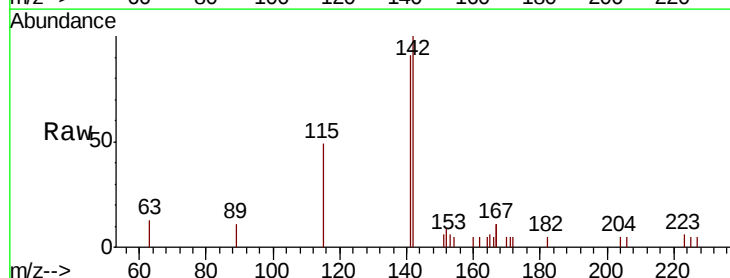
Tgt Ion:142 Resp: 2135

Ion Ratio Lower Upper

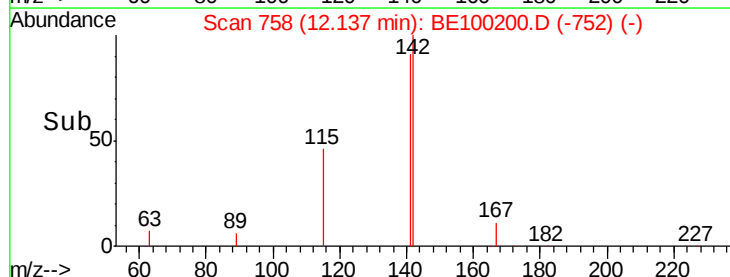
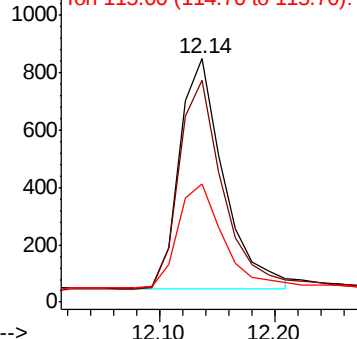
142 100

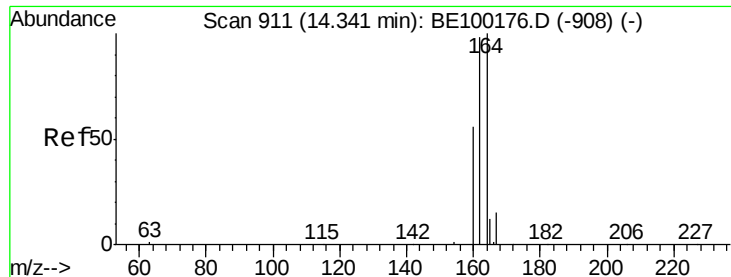
141 90.9 71.8 107.8

115 48.6 40.4 60.6



Abundance Ion 142.00 (141.70 to 142.70): E

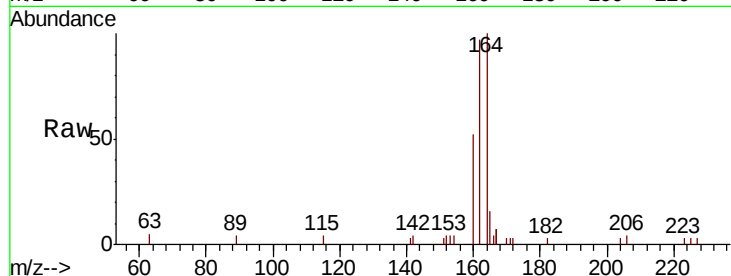




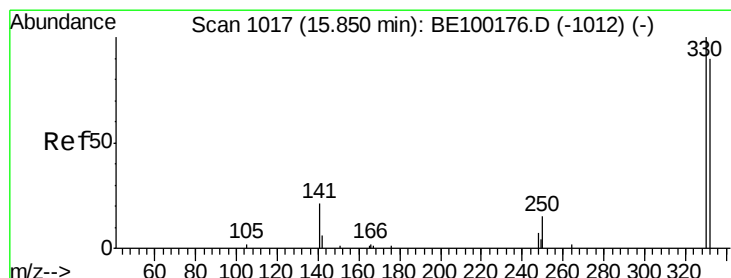
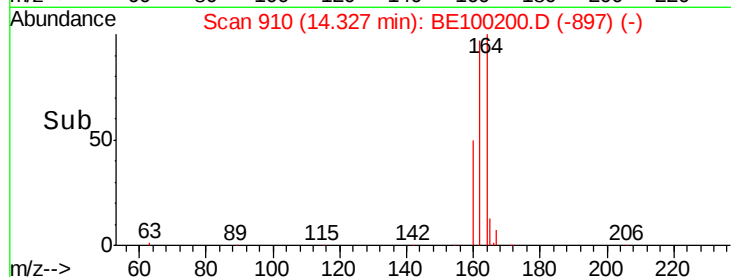
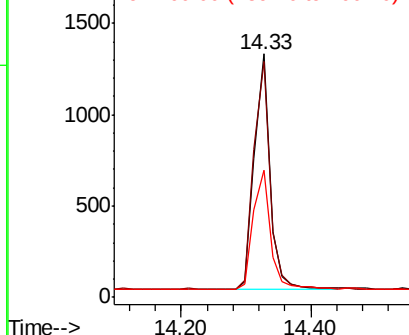
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. -0.01 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2169
Ion Ratio Lower Upper
164 100
162 96.8 78.6 118.0
160 52.0 46.9 70.3

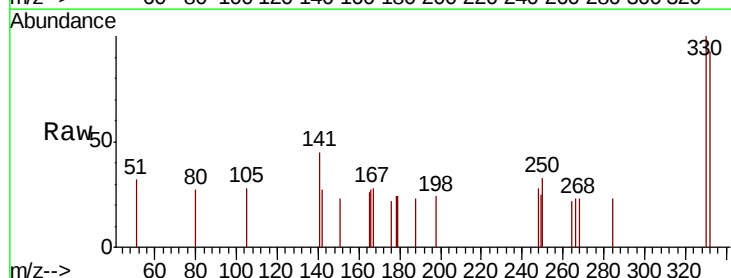


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

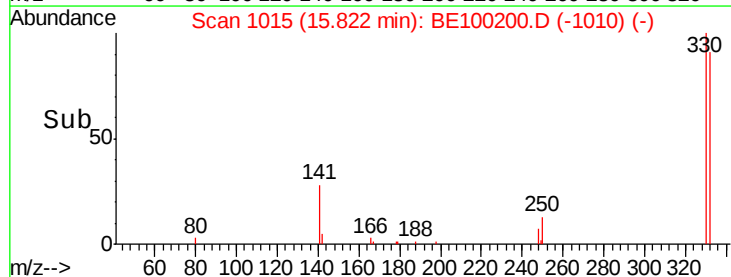
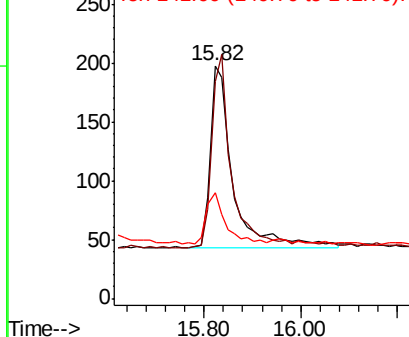


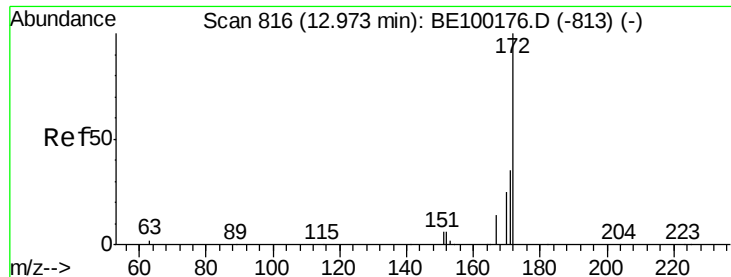
#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.03 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

Tgt Ion:330 Resp: 491
Ion Ratio Lower Upper
330 100
332 92.3 77.7 116.5
141 24.2 18.9 28.3



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

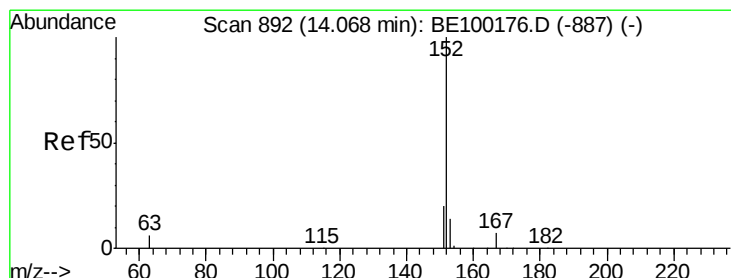
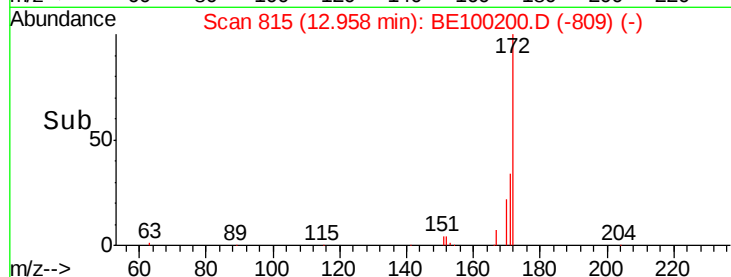
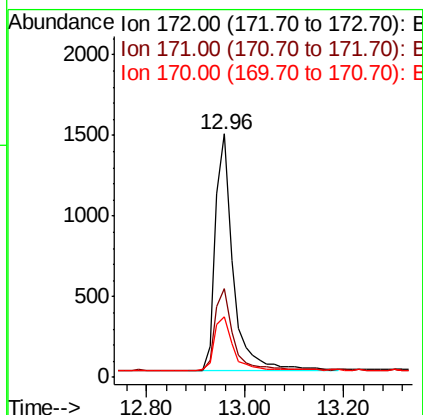
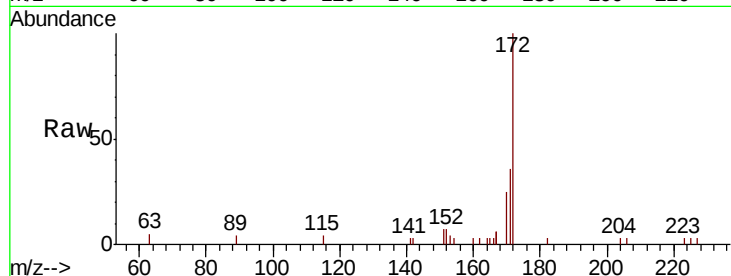




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.96 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

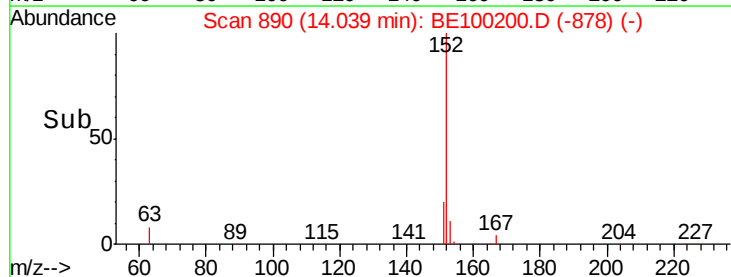
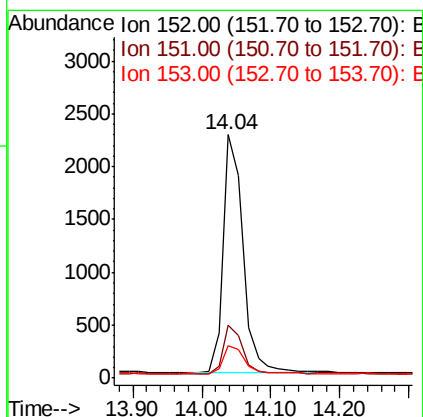
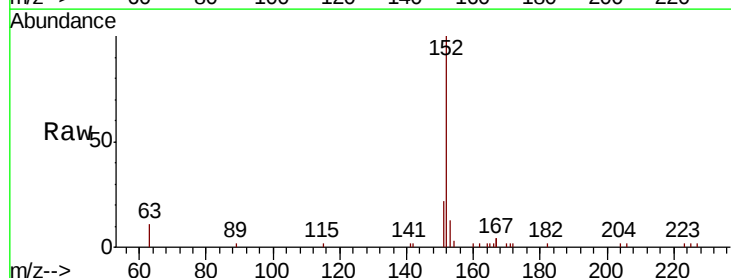
Instrument :
BNA_E
ClientSampleId :

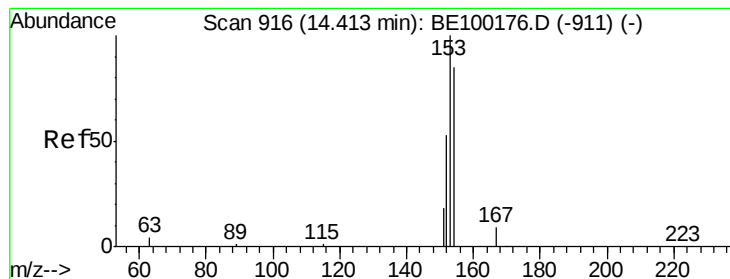
Tot Ion:172 Resp: 3592
Ion Ratio Lower Upper
172 100
171 36.4 31.0 46.4
170 24.8 23.9 35.9



#16
Acenaphthylene
Concen: 0.431 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

Tgt Ion:152 Resp: 4554
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0
153 12.8 10.8 16.2





#17

Acenaphthene

Concen: 0.421 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

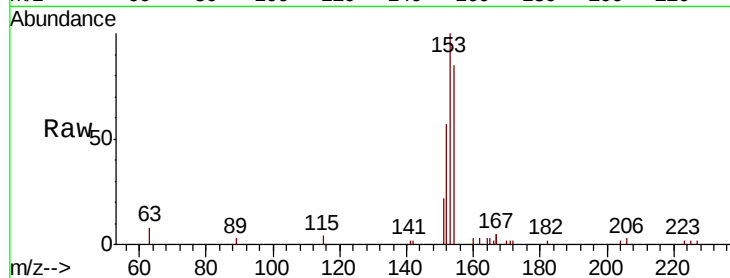
Tot Ion:154 Resp: 2497

Ion Ratio Lower Upper

154 100

153 119.3 95.3 142.9

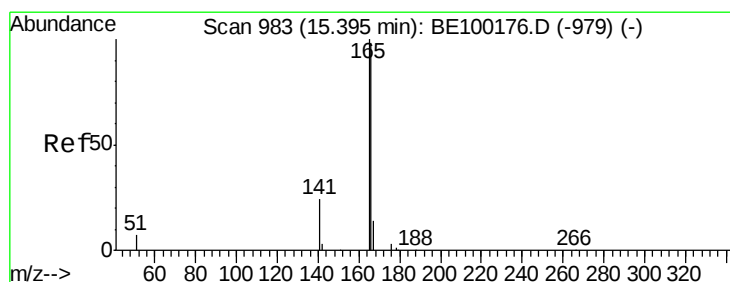
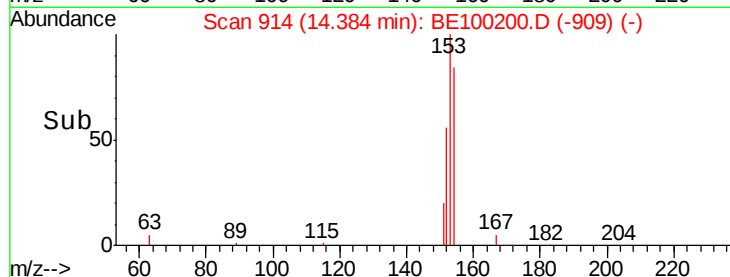
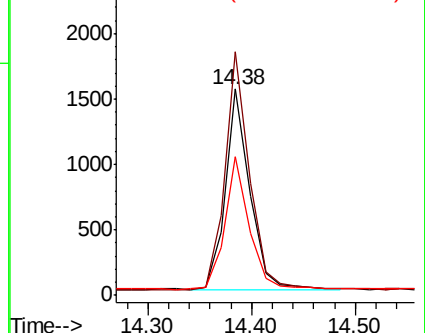
152 66.6 52.9 79.3



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: 0.444 ng

RT: 15.37 min Scan# 981

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

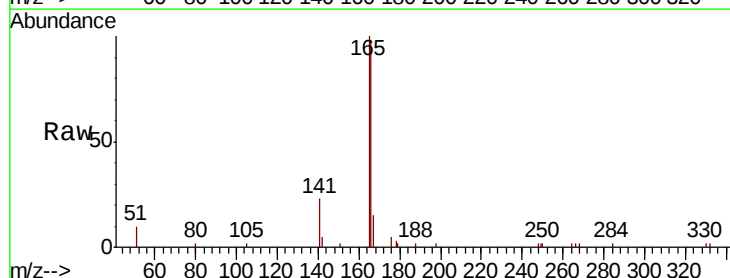
Tgt Ion:166 Resp: 3809

Ion Ratio Lower Upper

166 100

165 101.9 81.0 121.4

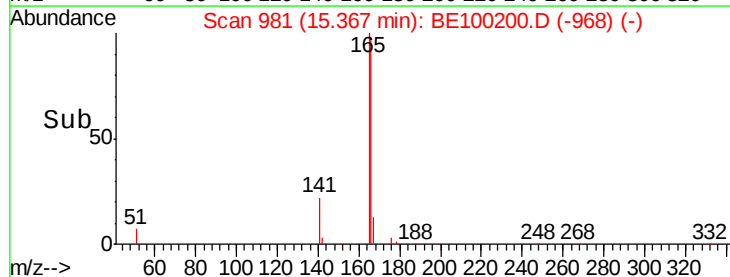
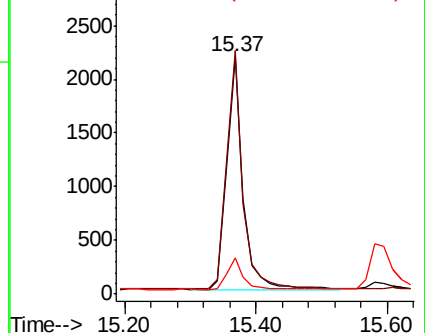
167 12.7 11.4 17.0

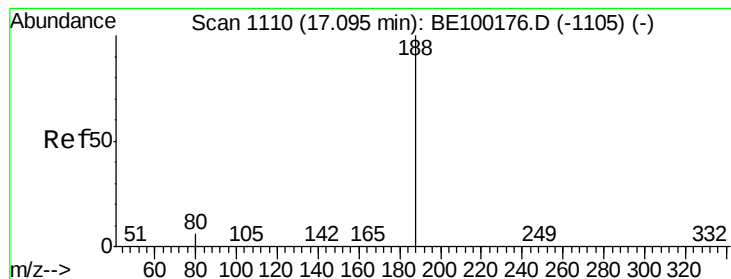


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

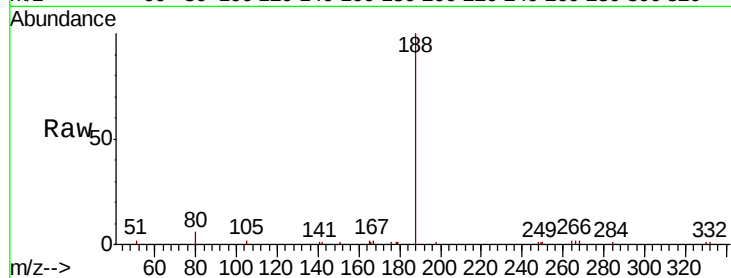
Tot Ion:188 Resp: 6843

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

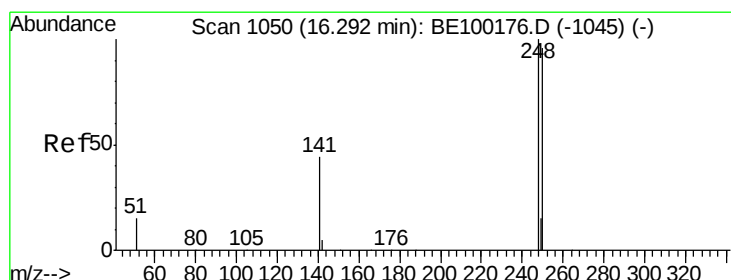
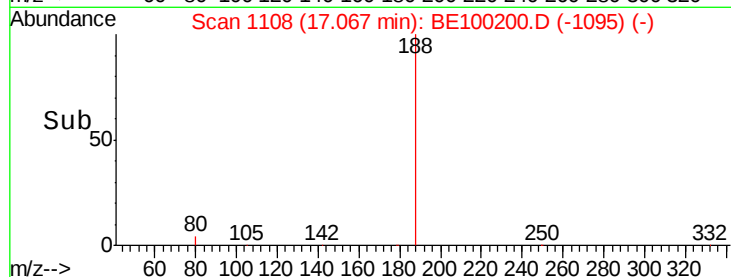
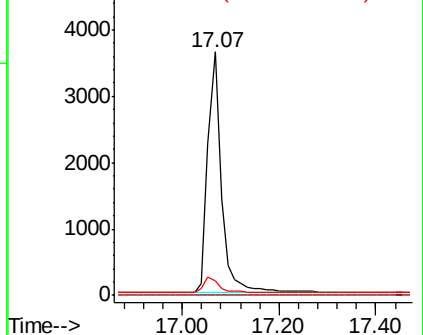
80 5.8 6.4 9.6#



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: 0.421 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

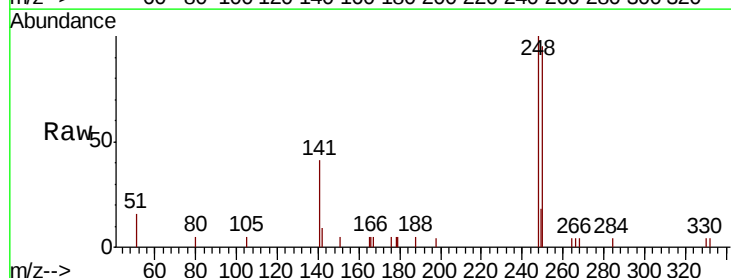
Tgt Ion:248 Resp: 1786

Ion Ratio Lower Upper

248 100

250 95.4 77.1 115.7

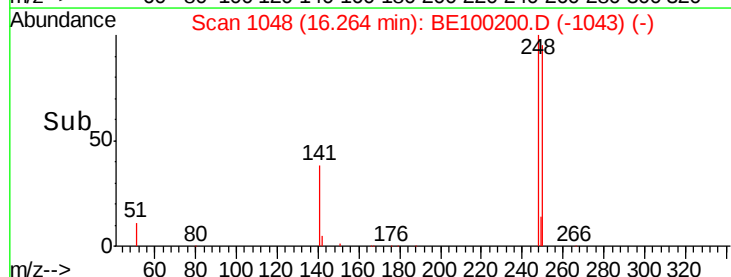
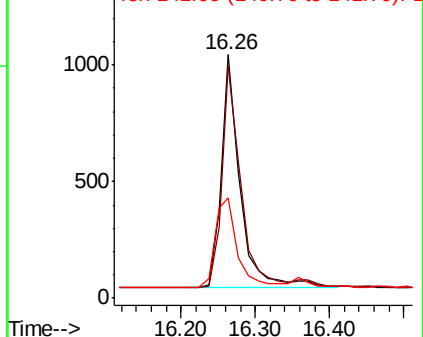
141 41.1 39.5 59.3

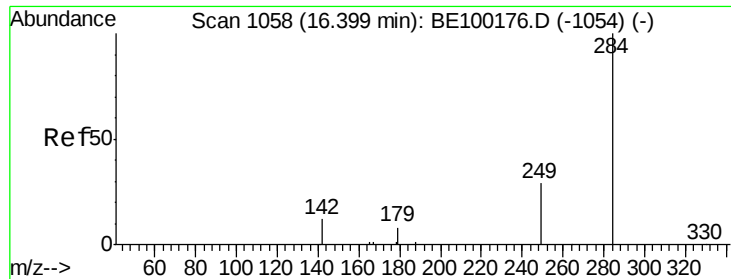


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.391 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

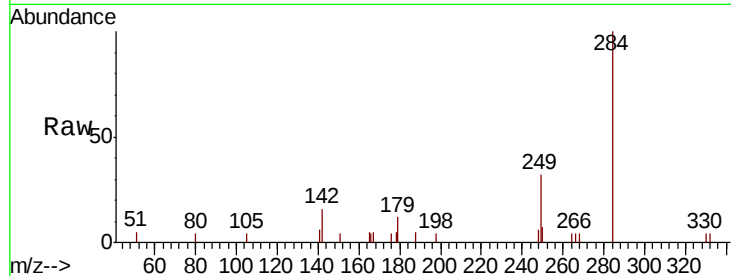
Tot Ion:284 Resp: 1823

Ion Ratio Lower Upper

284 100

142 25.0 20.1 30.1

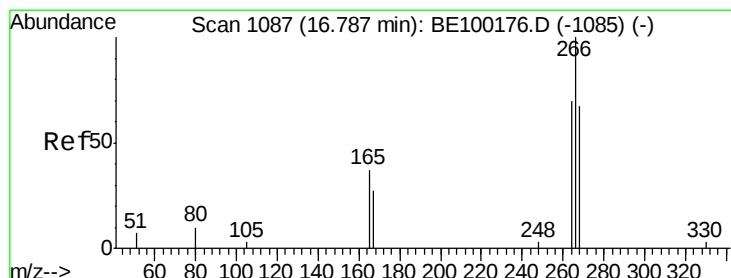
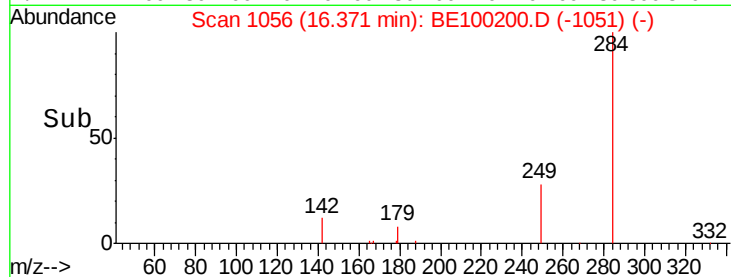
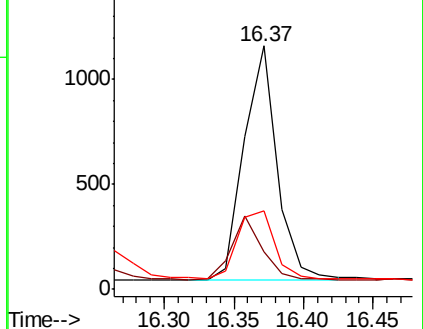
249 31.9 26.2 39.4



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: 1.731 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

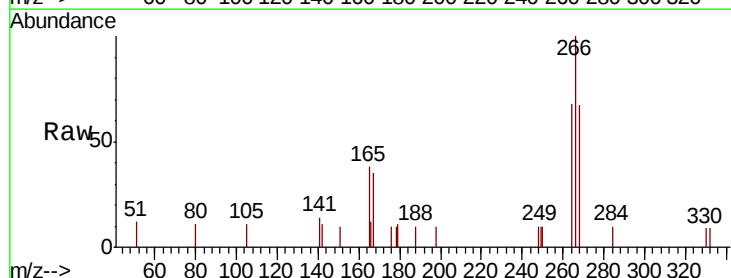
Tgt Ion:266 Resp: 2291

Ion Ratio Lower Upper

266 100

264 68.4 67.7 101.5

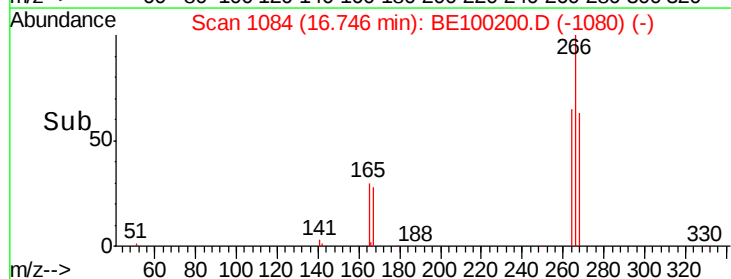
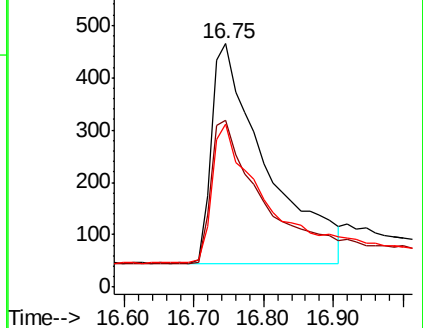
268 67.1 69.8 104.6#

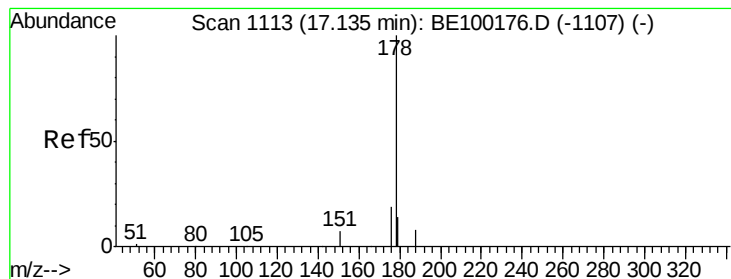


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.430 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

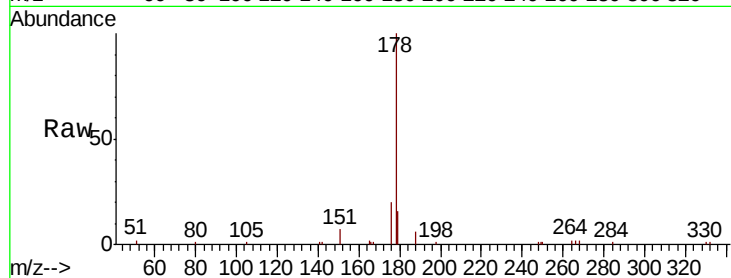
Tot Ion:178 Resp: 6969

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

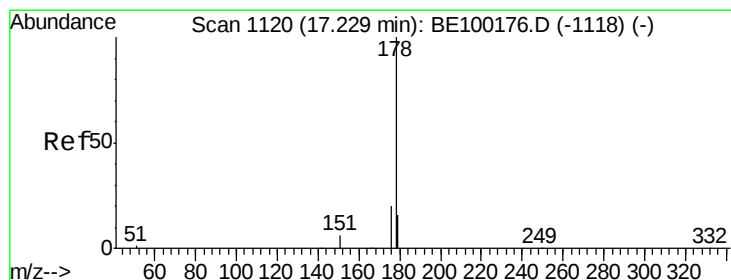
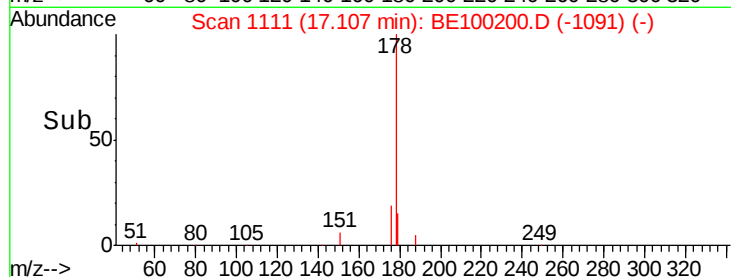
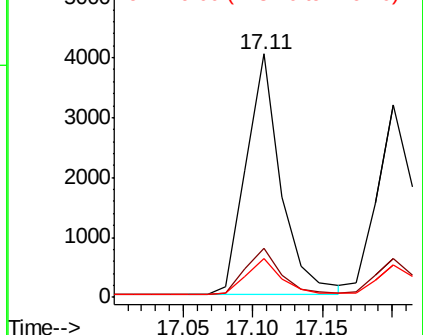
179 15.2 12.2 18.2



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: 0.434 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

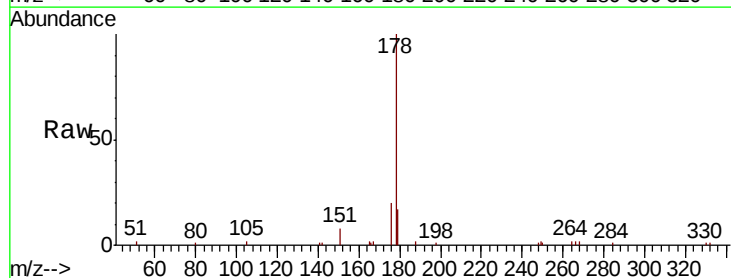
Tgt Ion:178 Resp: 5943

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

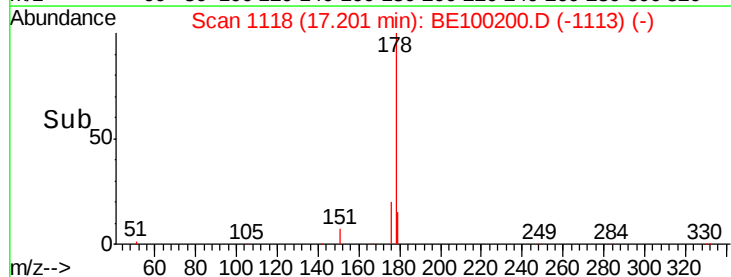
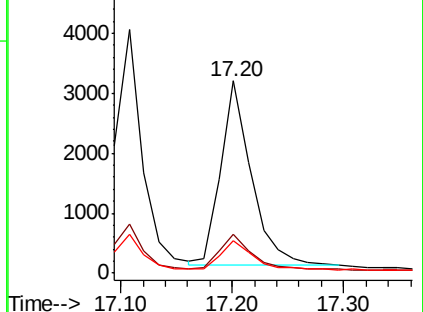
179 15.9 12.9 19.3

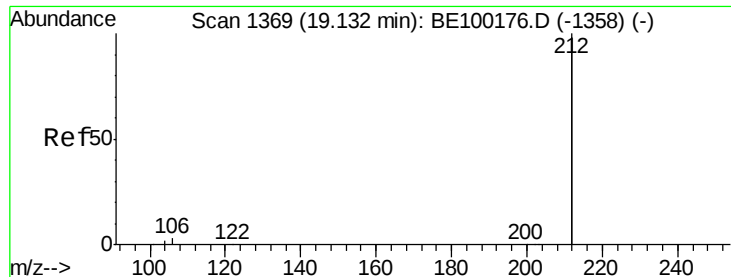


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.10 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

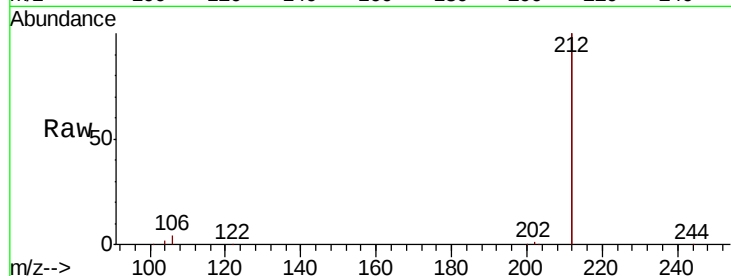
Tot Ion:212 Resp: 38035

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

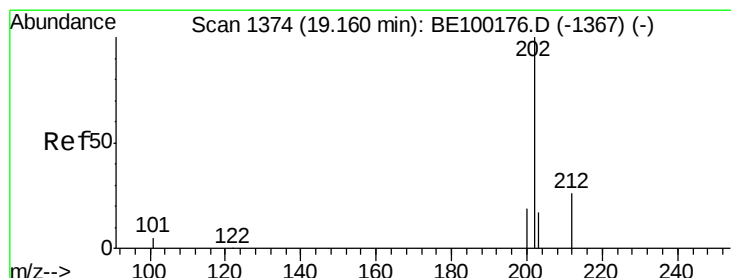
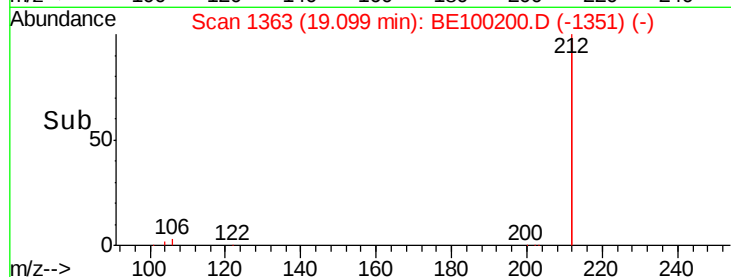
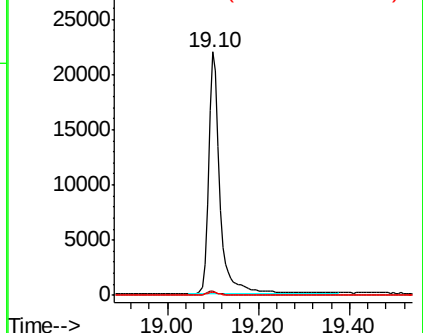
104 0.9 0.7 1.1



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: 0.408 ng

RT: 19.13 min Scan# 1369

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

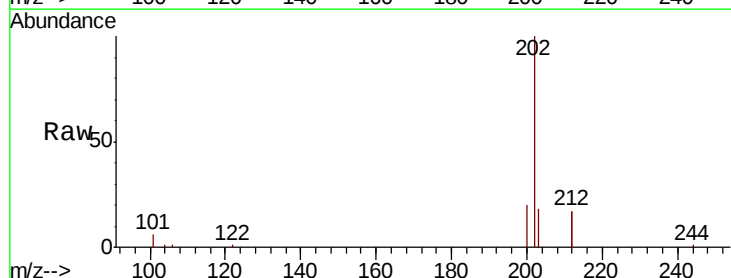
Tgt Ion:202 Resp: 10772

Ion Ratio Lower Upper

202 100

101 5.9 4.5 6.7

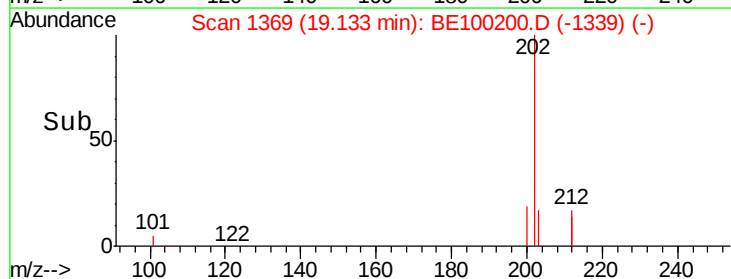
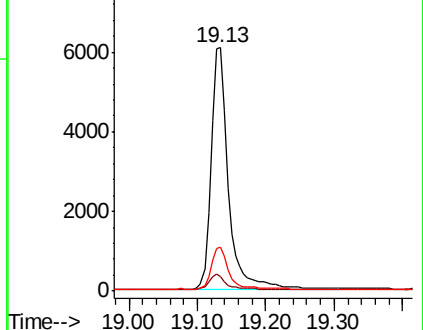
203 17.0 13.7 20.5

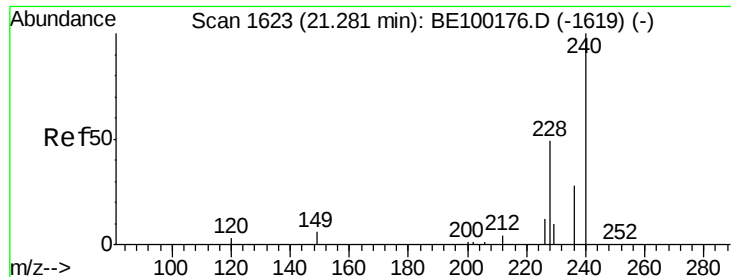


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

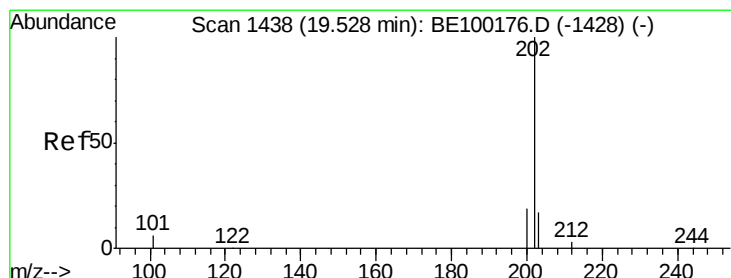
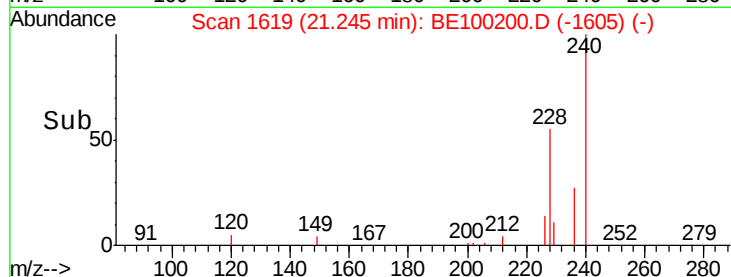
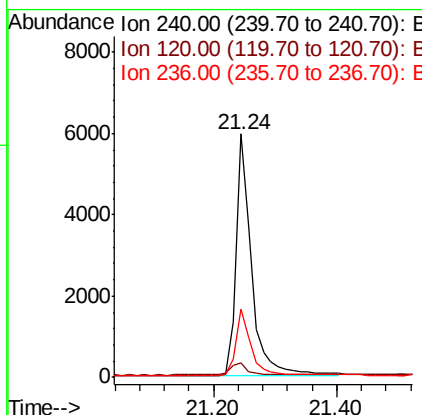
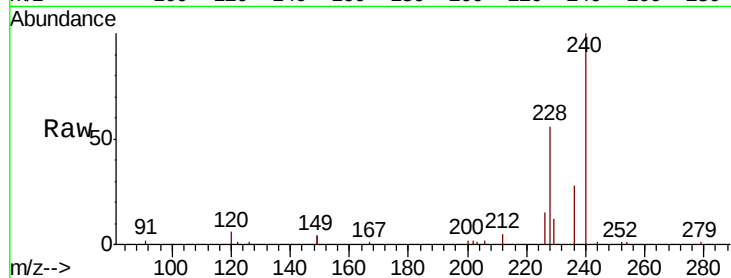




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.04 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

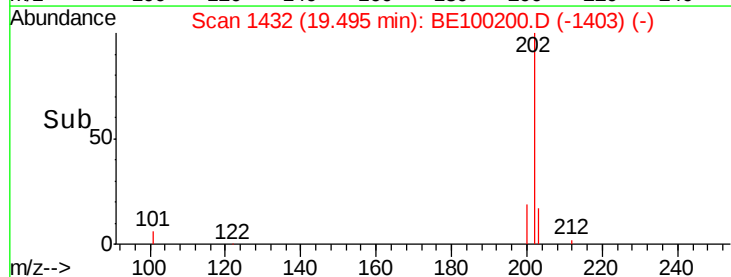
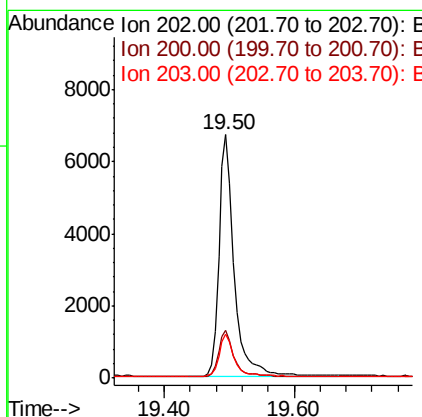
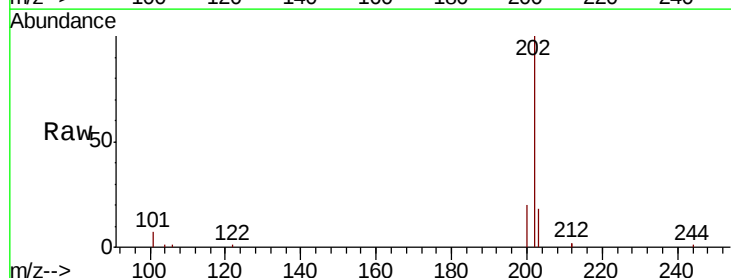
Instrument :
BNA_E
ClientSampleId :

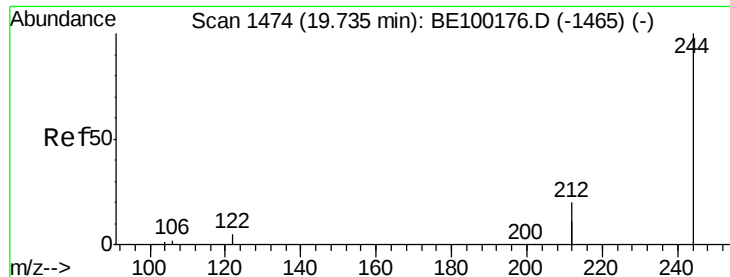
Tot Ion:240 Resp: 10081
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 27.9 23.0 34.6



#28
Pyrene
Concen: 0.425 ng
RT: 19.50 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

Tgt Ion:202 Resp: 10980
Ion Ratio Lower Upper
202 100
200 19.0 15.5 23.3
203 17.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.372 ng

RT: 19.71 min Scan# 1469

Delta R.T. -0.03 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

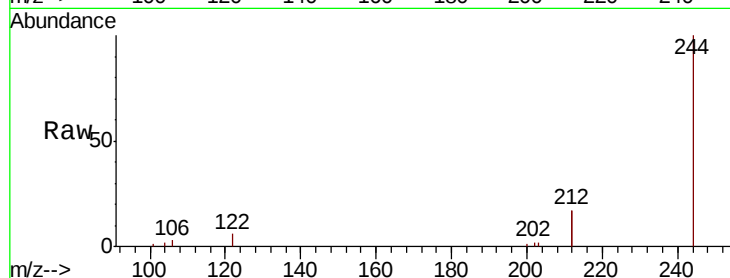
Tot Ion:244 Resp: 7367

Ion Ratio Lower Upper

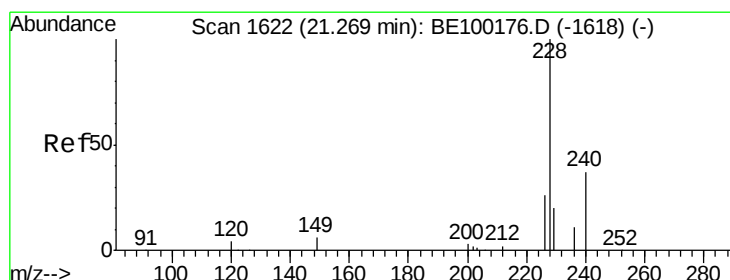
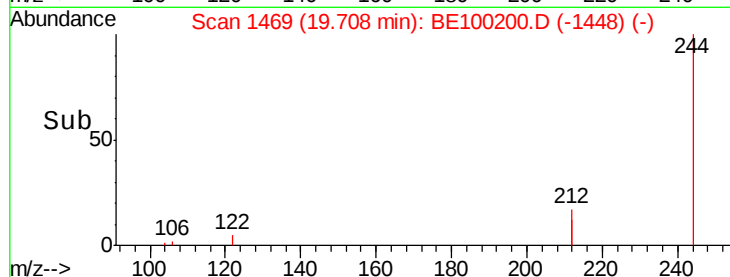
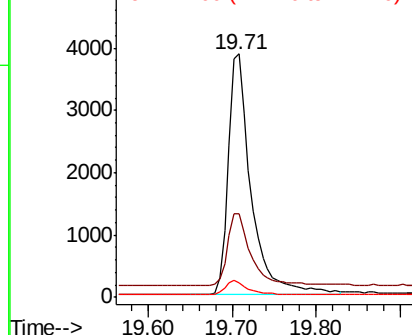
244 100

212 34.2 30.7 46.1

122 5.7 5.8 8.6#



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: 0.391 ng

RT: 21.23 min Scan# 1618

Delta R.T. -0.04 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

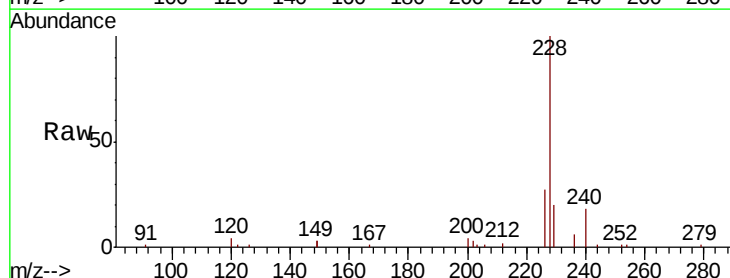
Tgt Ion:228 Resp: 11606

Ion Ratio Lower Upper

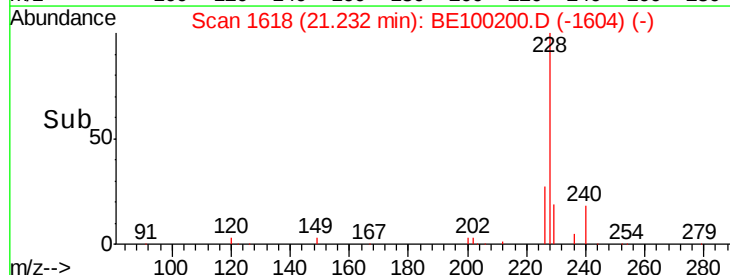
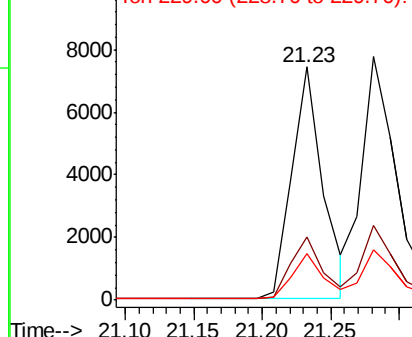
228 100

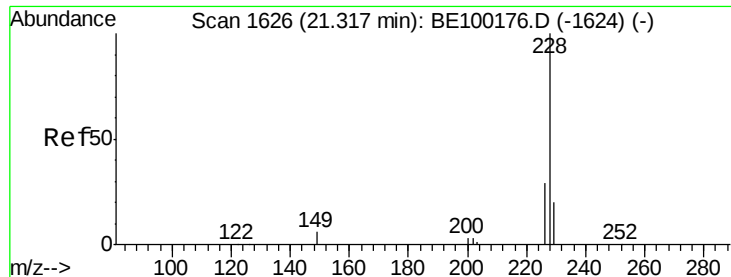
226 27.2 21.5 32.3

229 19.9 17.2 25.8



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: 0.377 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.04 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampled :

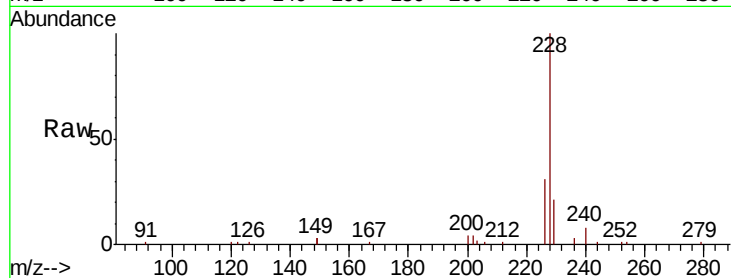
Tot Ion:228 Resp: 13157

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

229 20.5 16.5 24.7

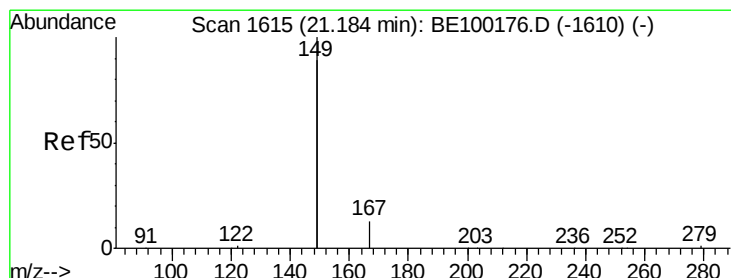
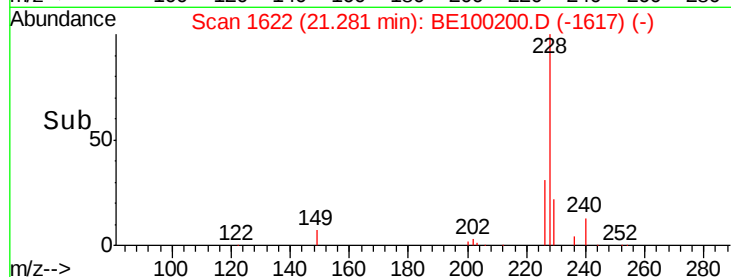
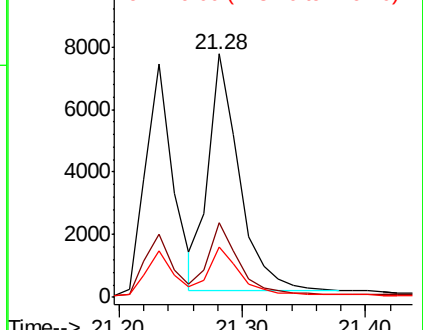


Abundance

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: 0.373 ng

RT: 21.16 min Scan# 1612

Delta R.T. -0.02 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

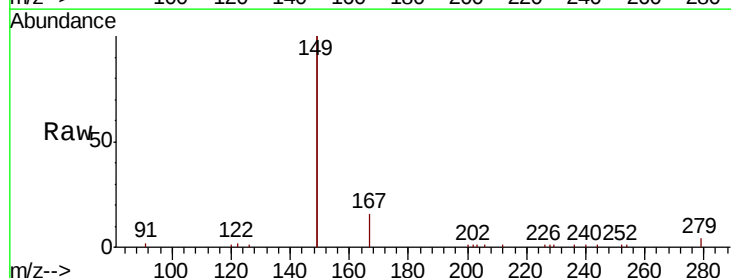
Tgt Ion:149 Resp: 12740

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

279 1.3 1.0 1.6

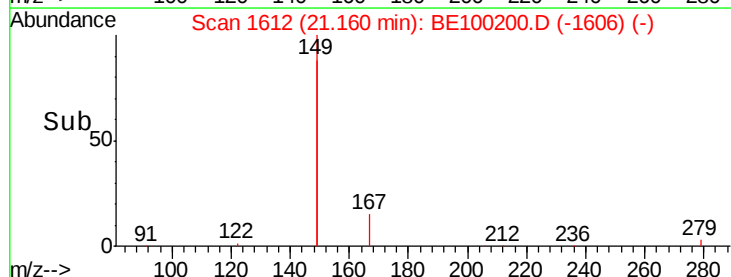
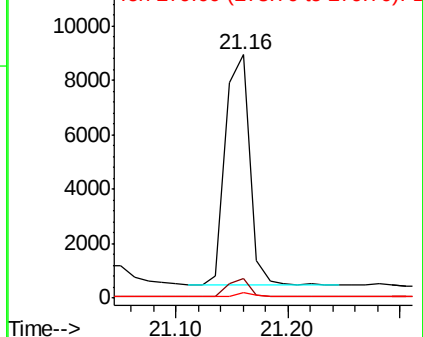


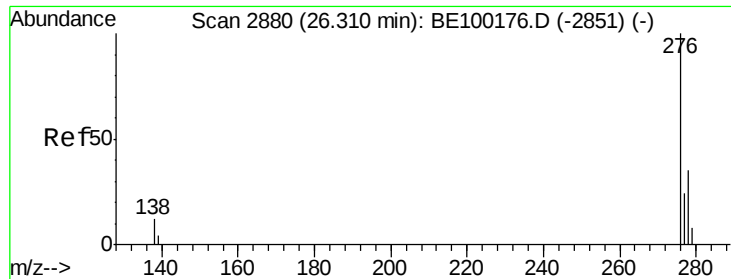
Abundance

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

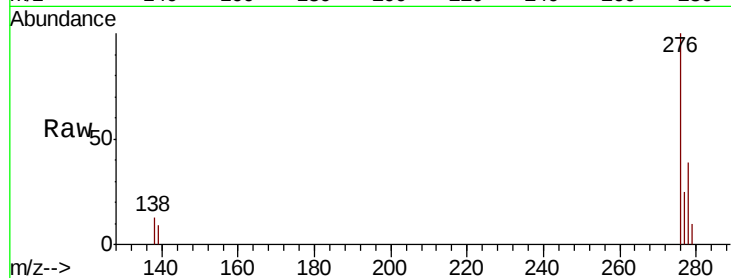




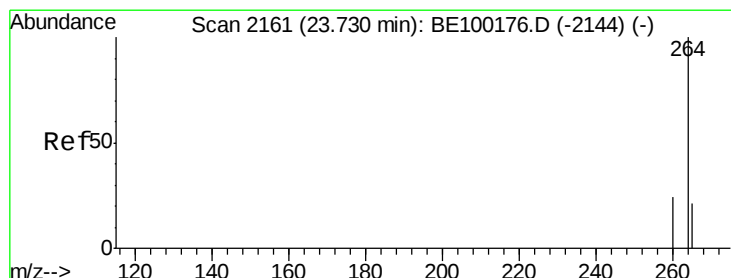
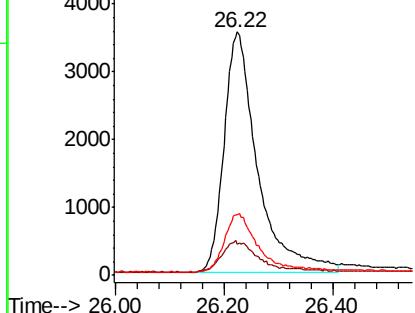
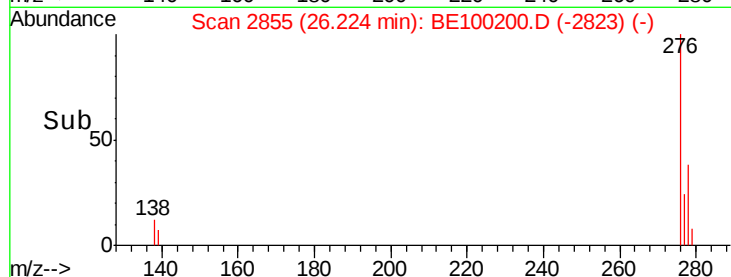
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.307 ng
 RT: 26.22 min Scan# 2855
 Delta R.T. -0.09 min
 Lab File: BE100200.D
 Acq: 27 Jun 2019 11:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 15223
 Ion Ratio Lower Upper
 276 100
 138 13.0 3.7 5.5#
 277 23.7 18.7 28.1

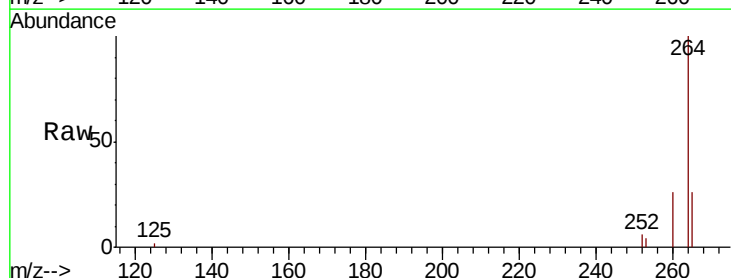


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

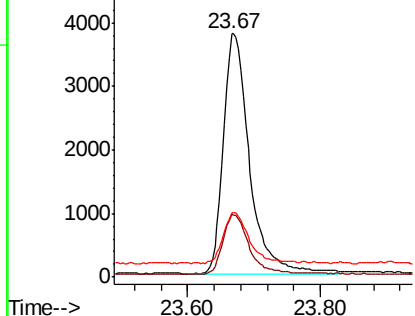
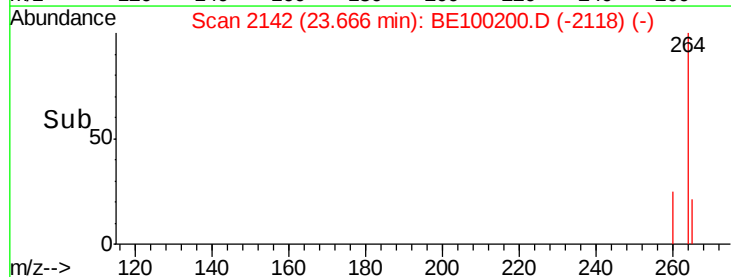


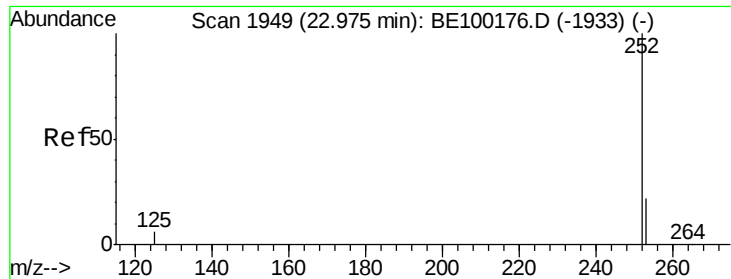
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2142
 Delta R.T. -0.06 min
 Lab File: BE100200.D
 Acq: 27 Jun 2019 11:22

Tgt Ion:264 Resp: 10366
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.4 30.6
 265 26.2 22.5 33.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

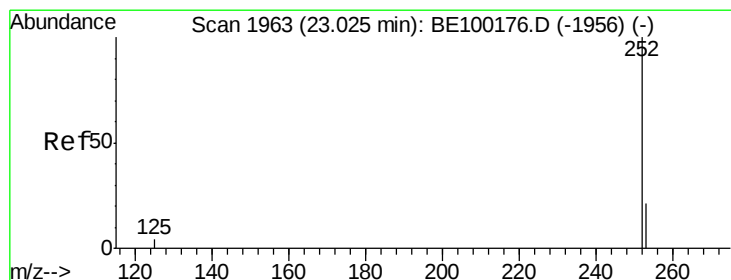
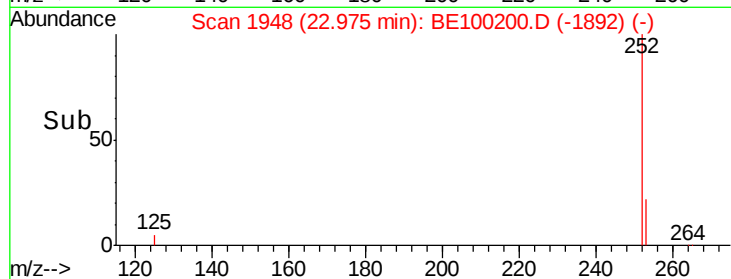
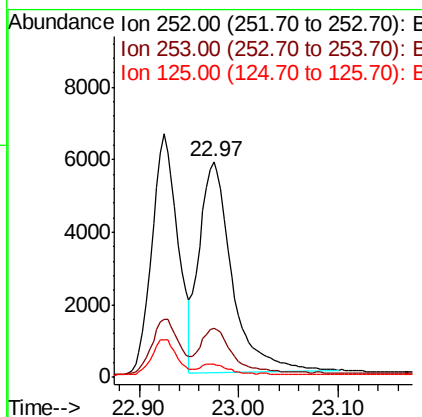
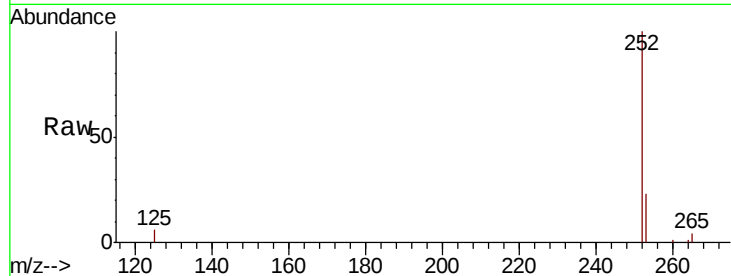




#35
Benzo(b)fluoranthene
Concen: 0.478 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

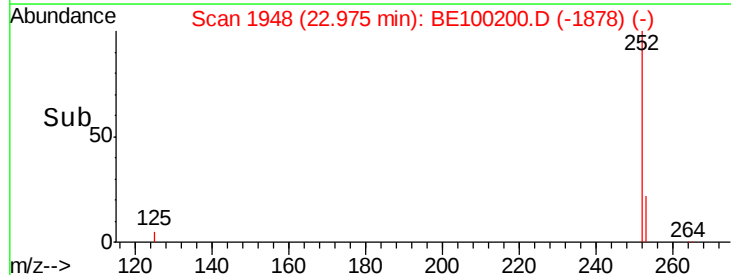
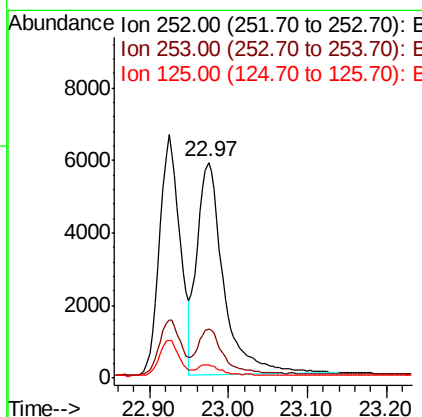
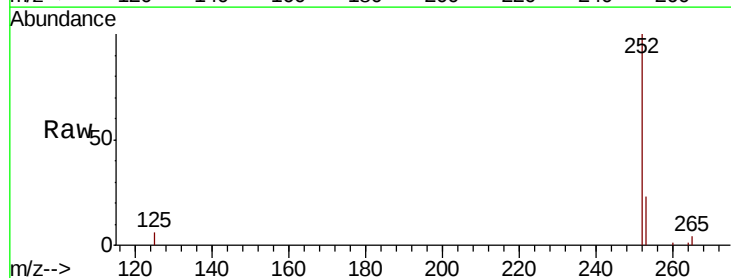
Instrument :
BNA_E
ClientSampleId :

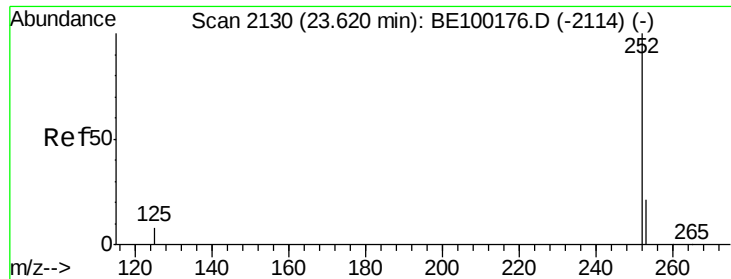
Tot Ion:252 Resp: 13319
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.4
125 6.3 6.3 9.5



#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.05 min
Lab File: BE100200.D
Acq: 27 Jun 2019 11:22

Tgt Ion:252 Resp: 13741
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.3 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.430 ng

RT: 23.56 min Scan# 2113

Delta R.T. -0.06 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

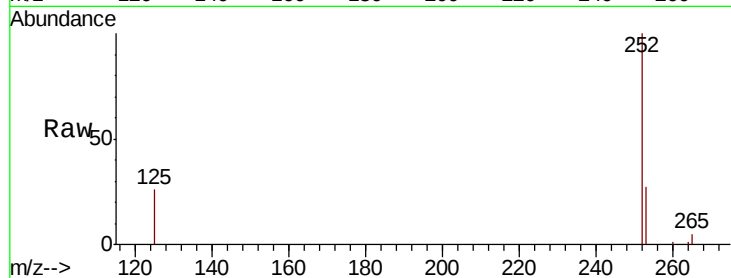
Tot Ion:252 Resp: 12432

Ion Ratio Lower Upper

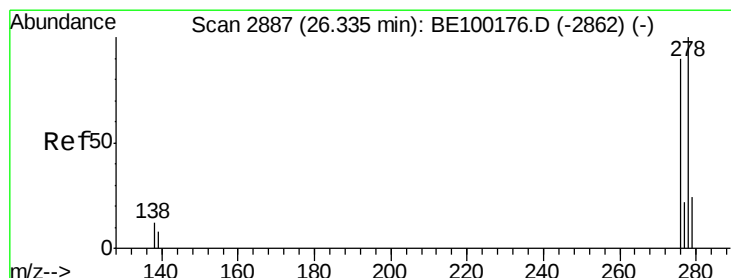
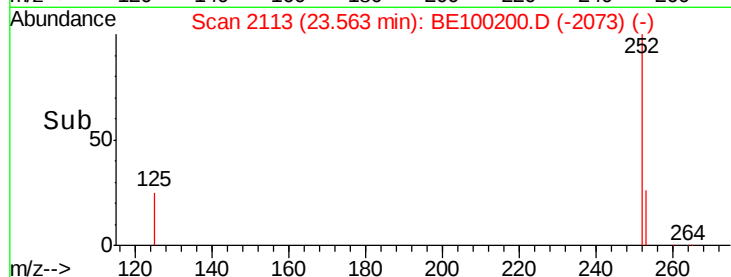
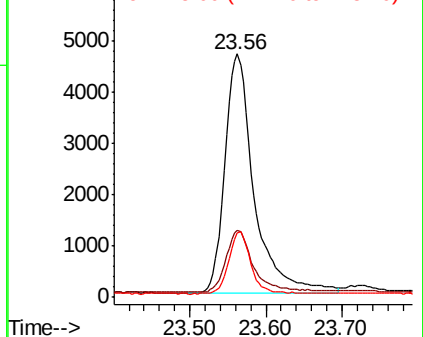
252 100

253 27.3 19.2 28.8

125 26.2 8.2 12.2#



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: 0.379 ng

RT: 26.25 min Scan# 2862

Delta R.T. -0.09 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

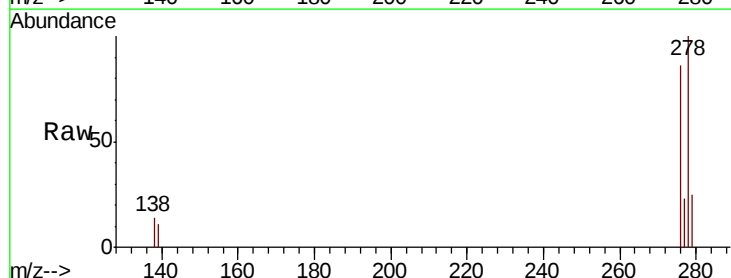
Tgt Ion:278 Resp: 11699

Ion Ratio Lower Upper

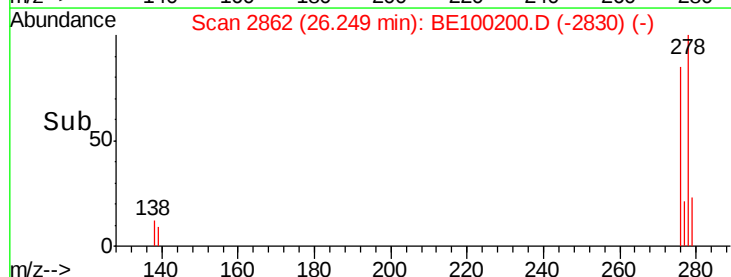
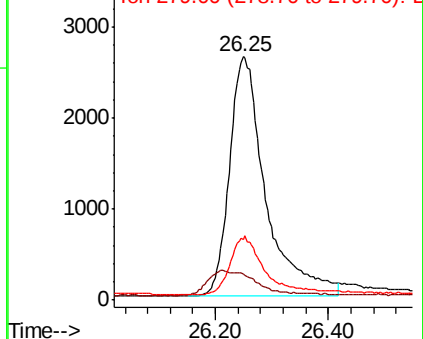
278 100

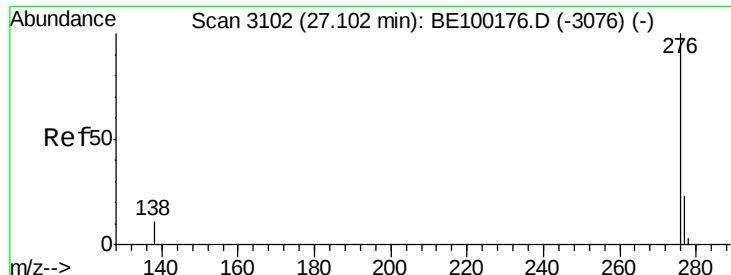
139 10.7 9.0 13.4

279 24.7 21.1 31.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.392 ng

RT: 27.01 min Scan# 3075

Delta R.T. -0.09 min

Lab File: BE100200.D

Acq: 27 Jun 2019 11:22

Instrument :

BNA_E

ClientSampleId :

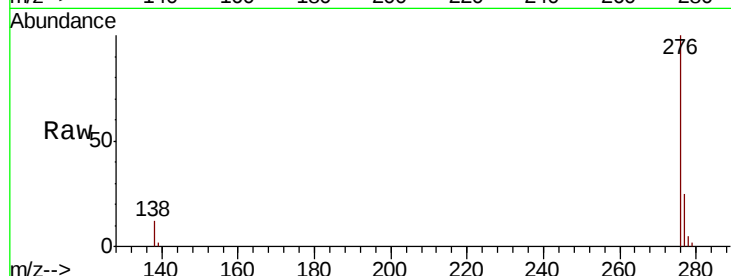
Tot Ion:276 Resp: 12657

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.6

138 11.6 10.2 15.4



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

