

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100198.D
 Acq On : 27 Jun 2019 10:08
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 27 18:51:37 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	743	0.40	ng	-0.01
7) Naphthalene-d8	10.44	136	2427	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	1898	0.40	ng	-0.01
19) Phenanthrene-d10	17.07	188	6040	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	7811	0.40	ng	-0.04
34) Perylene-d12	23.67	264	8633	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	692	0.42	ng	-0.01
5) Phenol-d6	6.85	99	929	0.41	ng	-0.02
8) Nitrobenzene-d5	8.83	82	956	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	1872	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	336	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	3009	0.40	ng	-0.01
25) Fluoranthene-d10	19.10	212	33945	0.39	ng	-0.03
29) Terphenyl-d14	19.71	244	6873	0.45	ng	-0.03

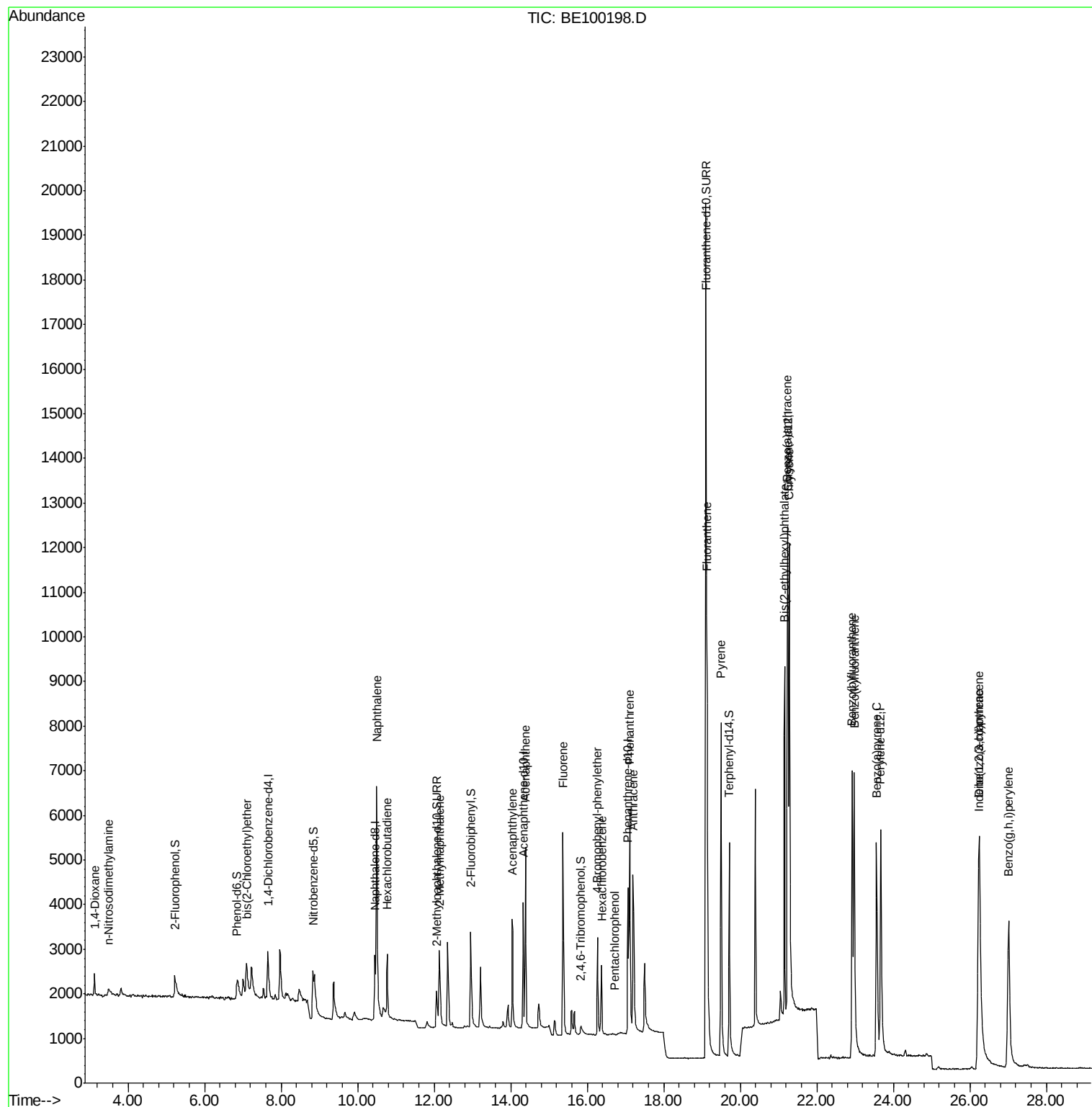
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	442	0.380	ng	95
3) n-Nitrosodimethylamine	3.50	42	233	0.542	ng	# 14
6) bis(2-Chloroethyl)ether	7.10	93	845	0.406	ng	# 84
9) Naphthalene	10.50	128	11153	0.421	ng	# 97
10) Hexachlorobutadiene	10.77	225	1116	0.408	ng	97
12) 2-Methylnaphthalene	12.14	142	1741	0.408	ng	97
16) Acenaphthylene	14.04	152	3712	0.401	ng	99
17) Acenaphthene	14.39	154	2110	0.407	ng	99
18) Fluorene	15.37	166	3133	0.418	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	1561	0.416	ng	98
21) Hexachlorobenzene	16.37	284	1650	0.401	ng	99
22) Pentachlorophenol	16.72	266	7	0.276	ng	87
23) Phenanthrene	17.11	178	6012	0.420	ng	99
24) Anthracene	17.20	178	5014	0.415	ng	99
26) Fluoranthene	19.13	202	9174	0.394	ng	99
28) Pyrene	19.49	202	9208	0.460	ng	100
30) Benzo(a)anthracene	21.23	228	9769	0.424	ng	98
31) Chrysene	21.28	228	11154	0.413	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	10402	0.393	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	12152	0.316	ng	# 96
35) Benzo(b)fluoranthene	22.92	252	9768	0.421	ng	100
36) Benzo(k)fluoranthene	22.98	252	11302	0.407	ng	99
37) Benzo(a)pyrene	23.56	252	9933	0.413	ng	99
38) Dibenzo(a,h)anthracene	26.26	278	9166	0.356	ng	97
39) Benzo(g,h,i)perylene	27.02	276	10032	0.373	ng	99

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

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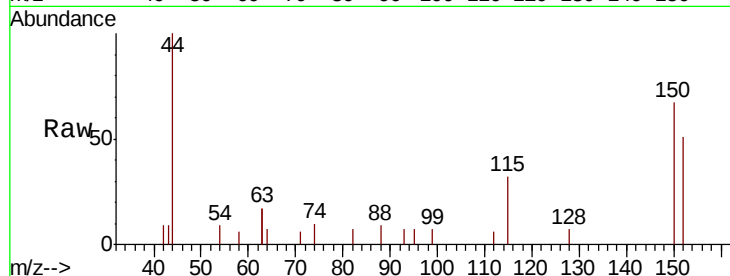


#1

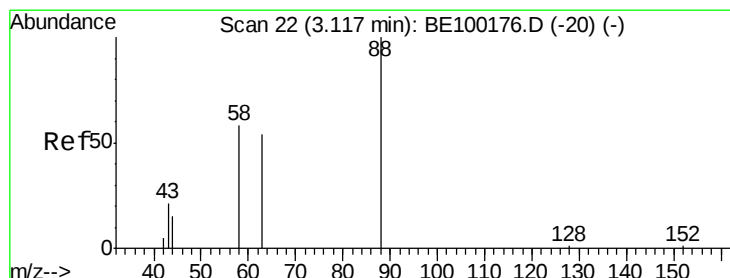
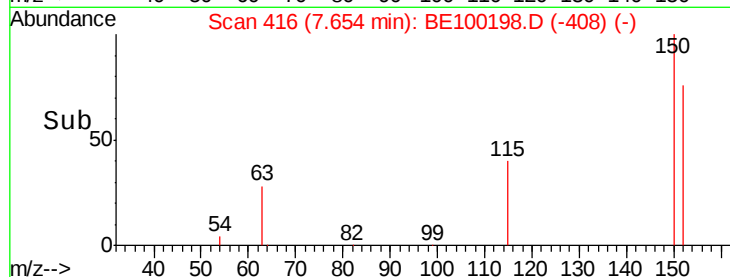
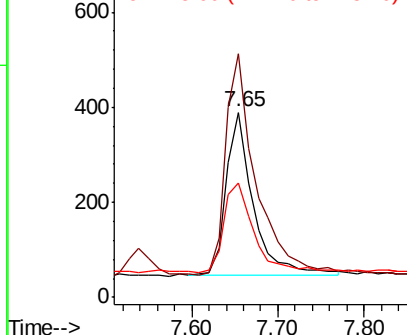
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 743
Ion Ratio Lower Upper
152 100
150 131.3 113.4 170.2
115 61.8 55.8 83.6



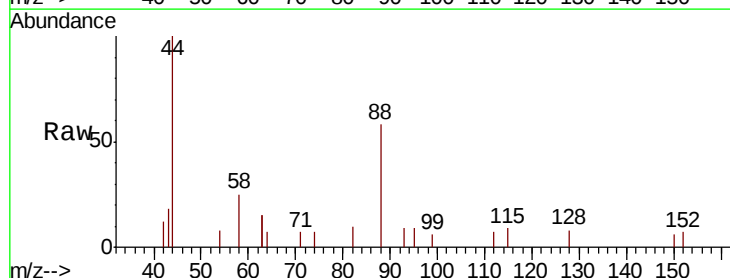
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



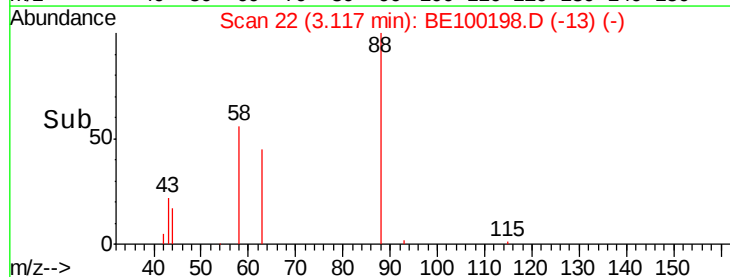
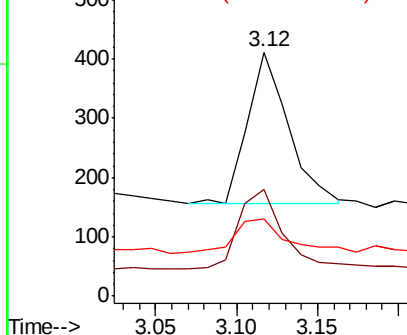
#2

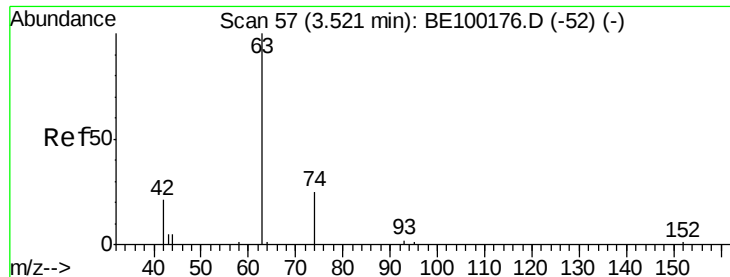
1,4-Dioxane
Concen: 0.380 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion: 88 Resp: 442
Ion Ratio Lower Upper
88 100
58 57.9 43.8 65.6
43 27.6 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: 0.542 ng

RT: 3.50 min Scan# 55

Delta R.T. -0.02 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

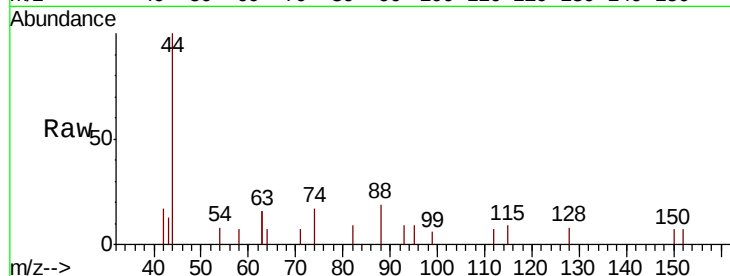
Tot Ion: 42 Resp: 233

Ion Ratio Lower Upper

42 100

74 126.2 193.2 289.8#

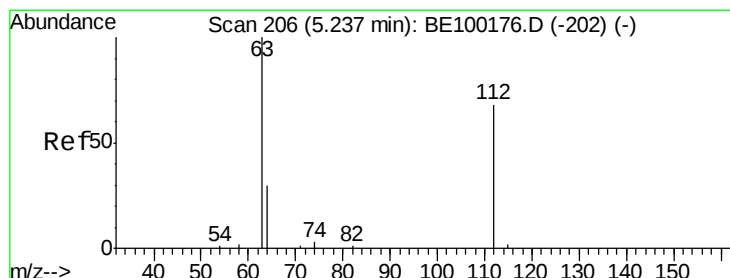
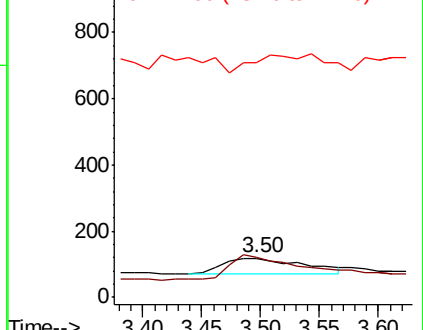
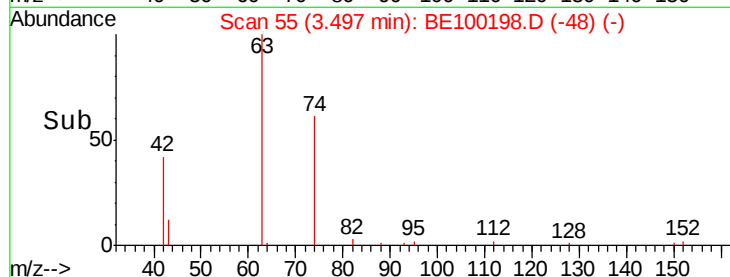
44 0.0 114.5 171.7#



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



#4

2-Fluorophenol

Concen: 0.419 ng

RT: 5.22 min Scan# 205

Delta R.T. -0.01 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

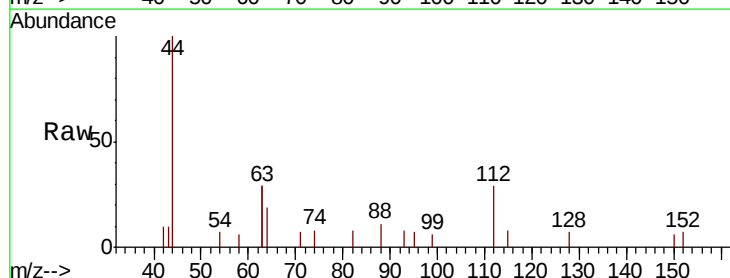
Tgt Ion: 112 Resp: 692

Ion Ratio Lower Upper

112 100

64 51.3 40.7 61.1

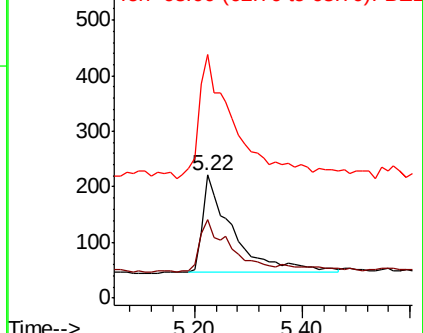
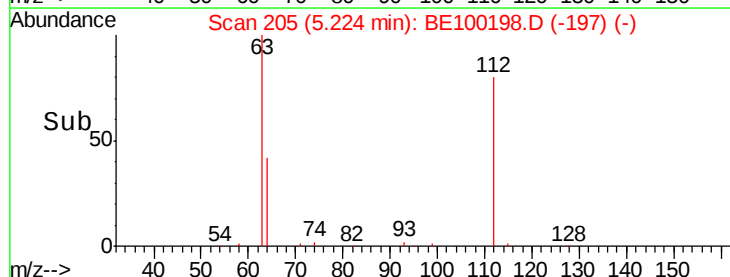
63 144.4 93.2 139.8#

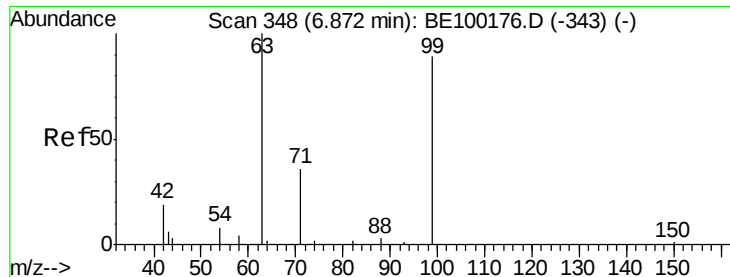


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.409 ng

RT: 6.85 min Scan# 346

Delta R.T. -0.02 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampled :

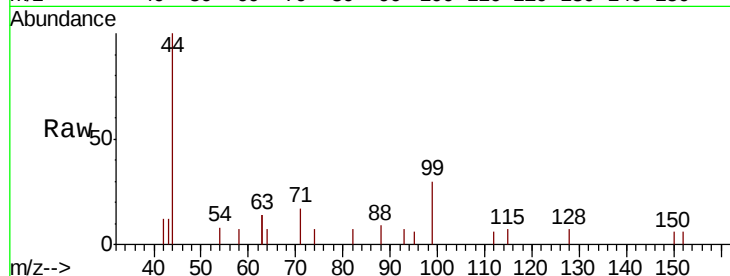
Tot Ion: 99 Resp: 929

Ion Ratio Lower Upper

99 100

42 0.0 10.4 15.6#

71 46.8 32.4 48.6



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->

6.85

250

200

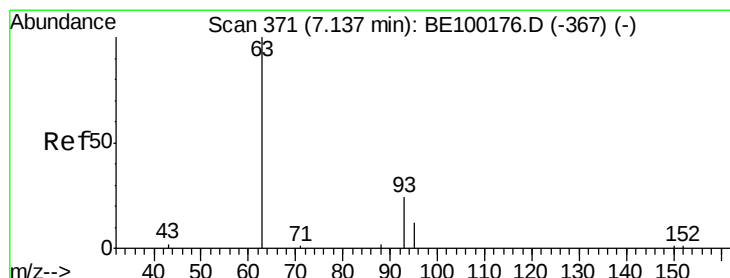
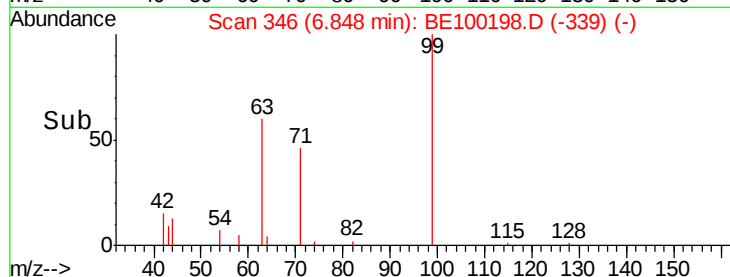
150

100

50

0

6.80 7.00 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.406 ng

RT: 7.10 min Scan# 368

Delta R.T. -0.04 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

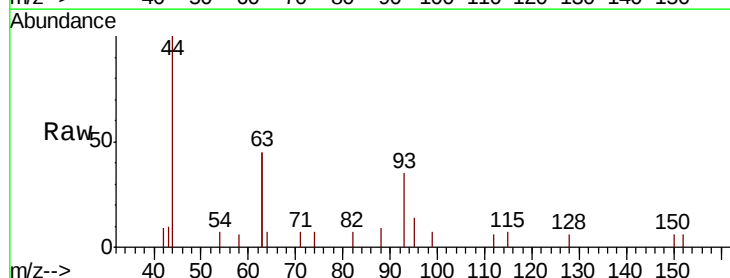
Tgt Ion: 93 Resp: 845

Ion Ratio Lower Upper

93 100

63 196.0 0.0 0.0#

95 34.4 21.0 31.6#



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

Time-->

7.10

800

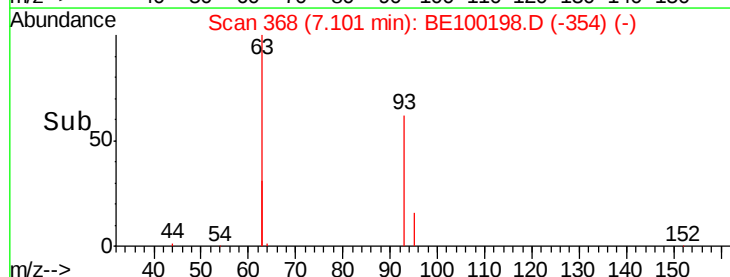
600

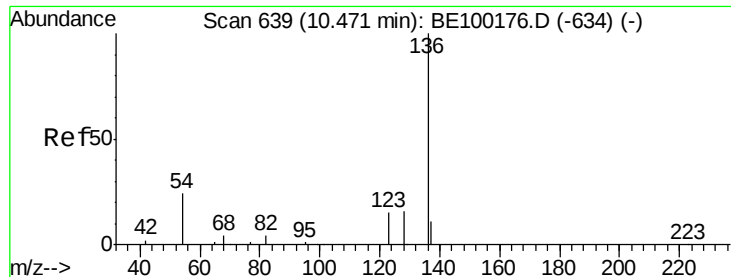
400

200

0

7.00 7.10 7.20 7.30





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 637

Delta R.T. -0.03 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2427

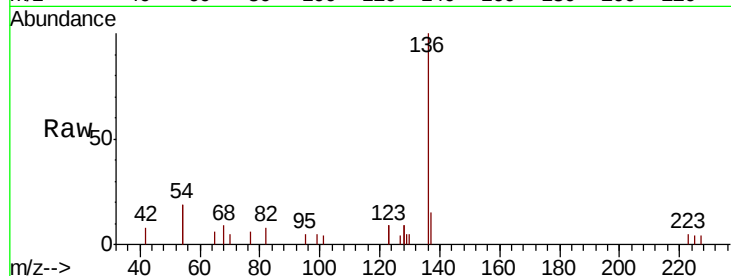
Ion Ratio Lower Upper

136 100

137 15.3 13.8 20.8

54 38.8 35.4 53.2

68 9.3 8.8 13.2

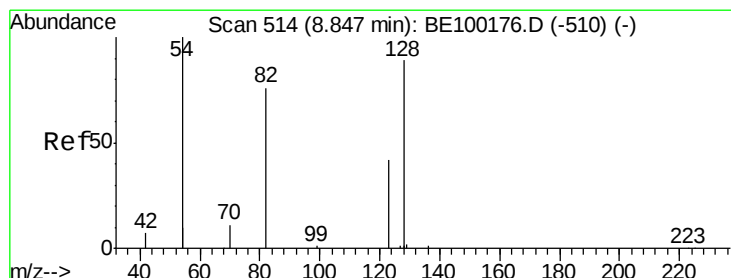
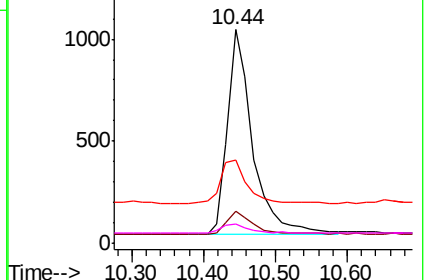
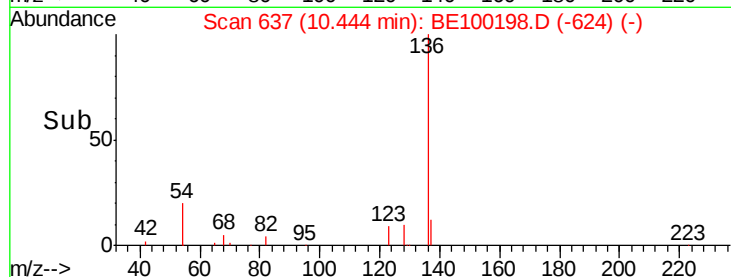


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 8.83 min Scan# 513

Delta R.T. -0.01 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

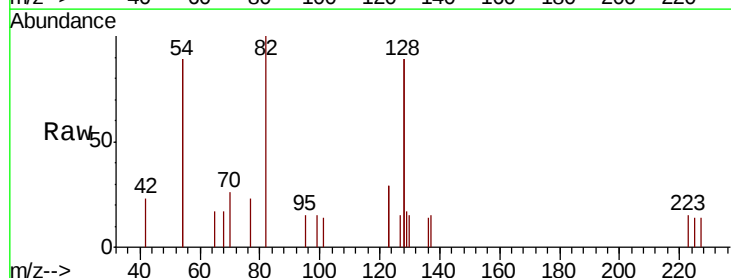
Tgt Ion: 82 Resp: 956

Ion Ratio Lower Upper

82 100

128 178.3 144.6 217.0

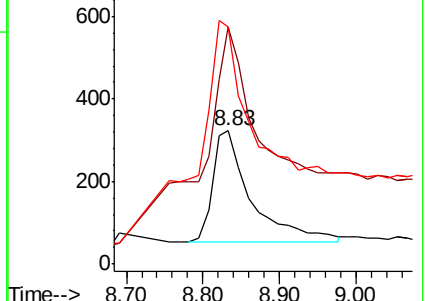
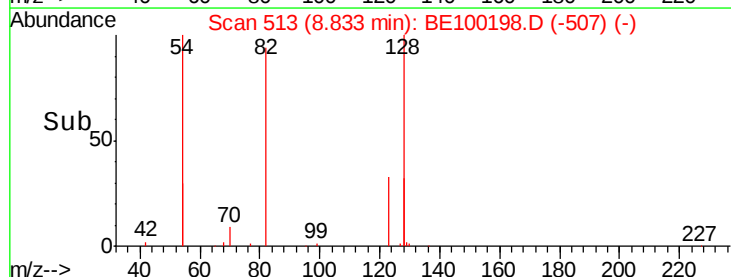
54 178.3 163.0 244.6

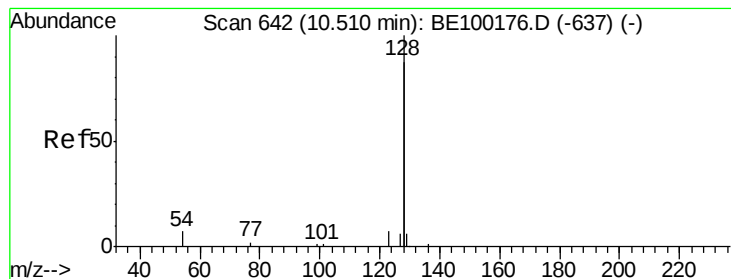


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.421 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.01 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

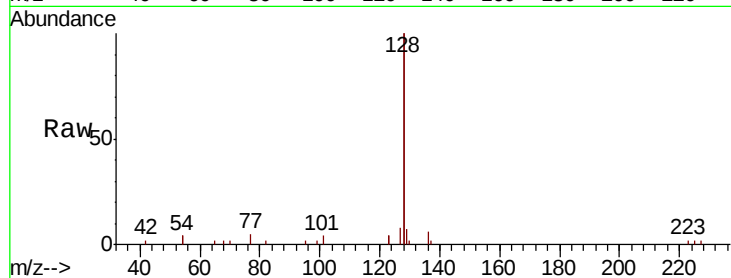
Tot Ion:128 Resp: 11153

Ion Ratio Lower Upper

128 100

129 3.5 3.6 5.4#

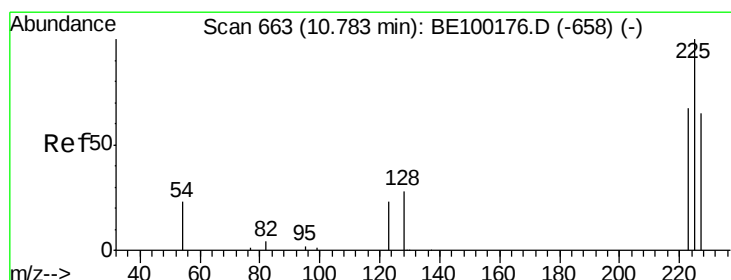
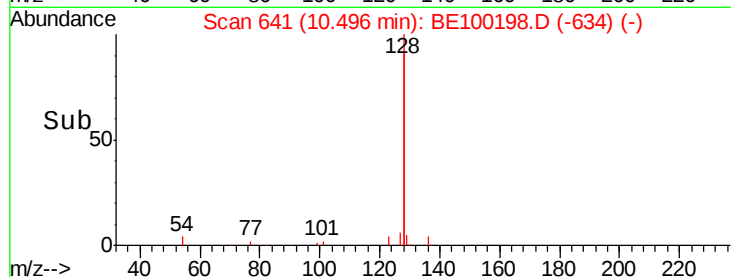
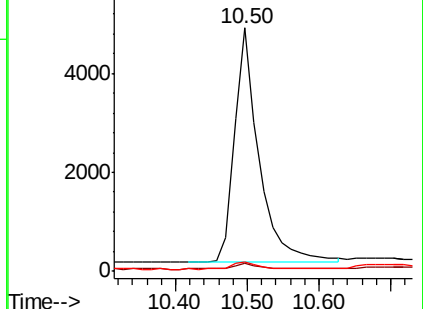
127 3.8 3.8 5.8#



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: 0.408 ng

RT: 10.77 min Scan# 662

Delta R.T. -0.01 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

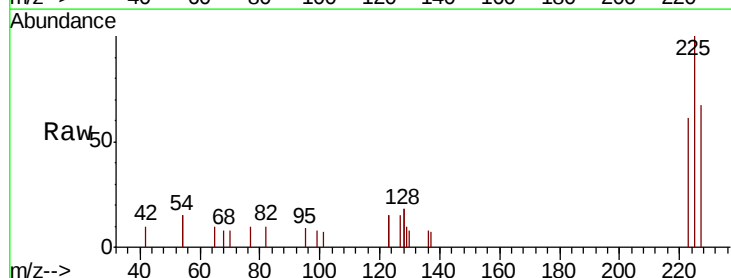
Tgt Ion:225 Resp: 1116

Ion Ratio Lower Upper

225 100

223 59.6 50.1 75.1

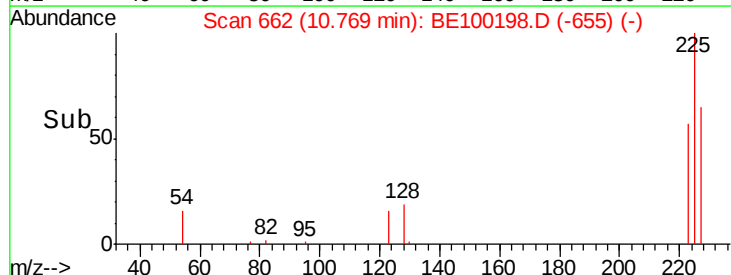
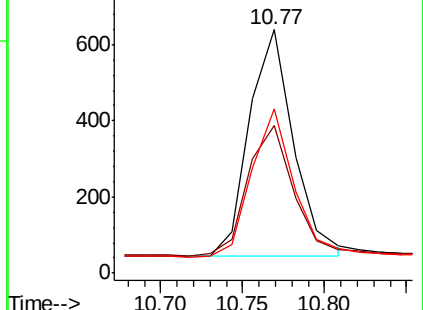
227 62.3 50.9 76.3

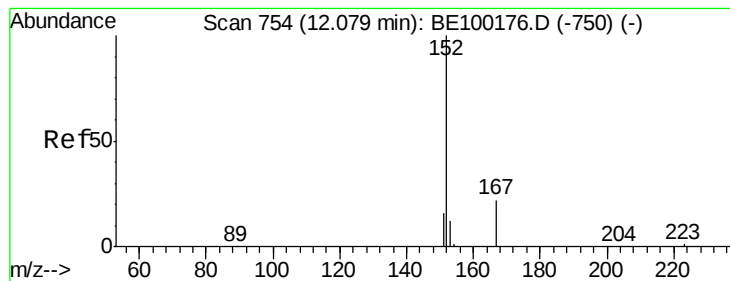


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.07 min Scan# 753

Delta R.T. -0.01 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

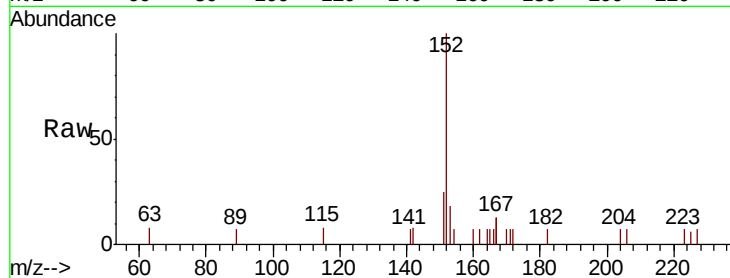
ClientSampleId :

Tot Ion:152 Resp: 1872

Ion Ratio Lower Upper

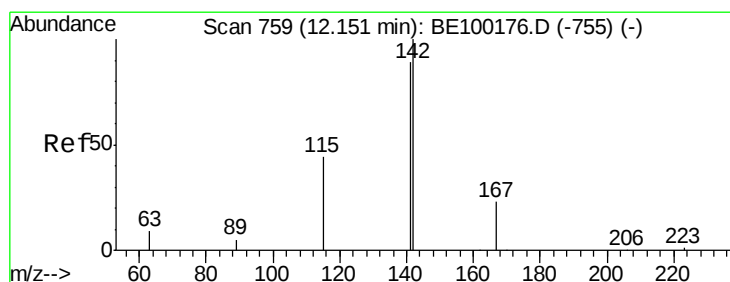
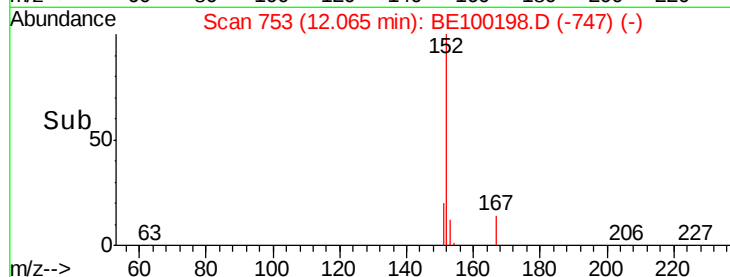
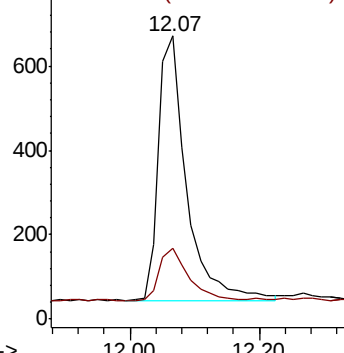
152 100

151 20.3 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

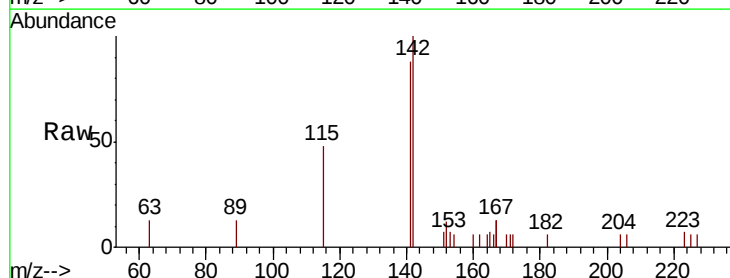
Tgt Ion:142 Resp: 1741

Ion Ratio Lower Upper

142 100

141 87.8 71.8 107.8

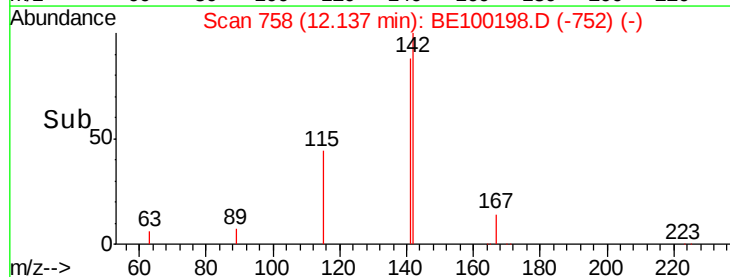
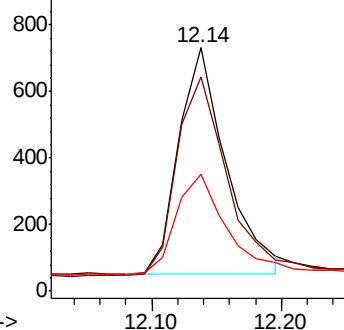
115 47.8 40.4 60.6

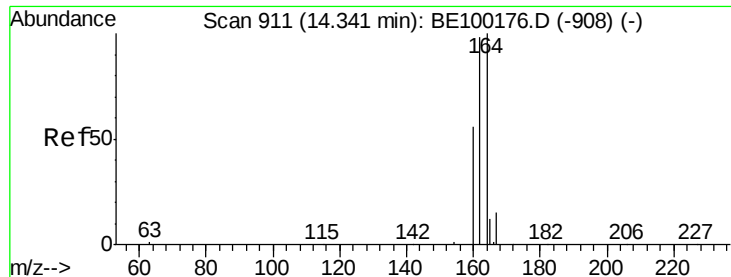


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

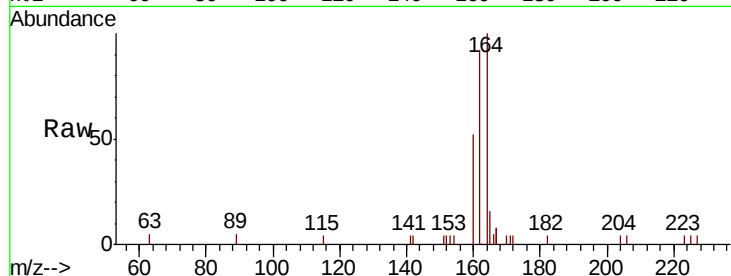




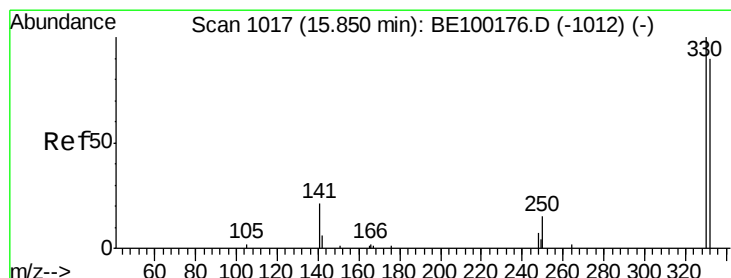
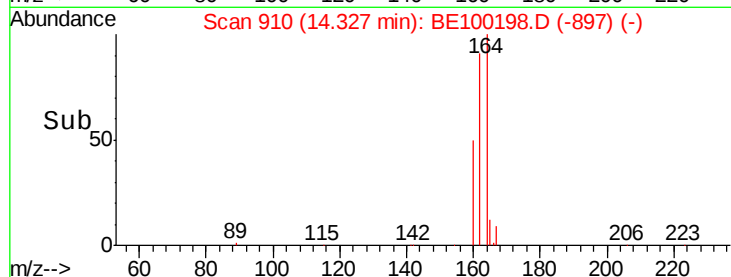
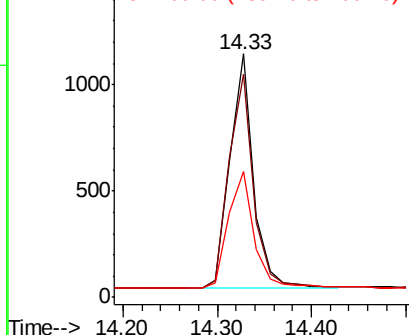
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BE100198.D
 Acq: 27 Jun 2019 10:08

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 1898
 Ion Ratio Lower Upper
 164 100
 162 91.7 78.6 118.0
 160 51.7 46.9 70.3

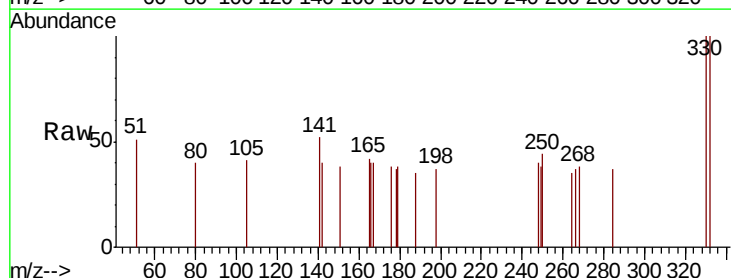


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

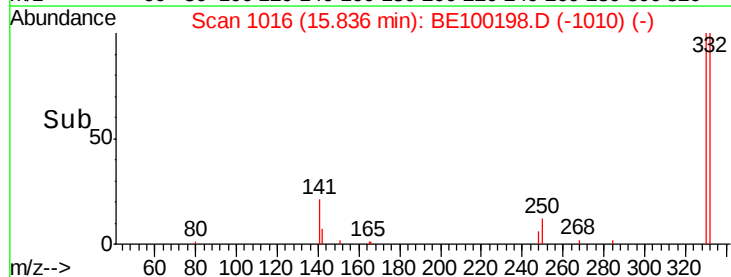
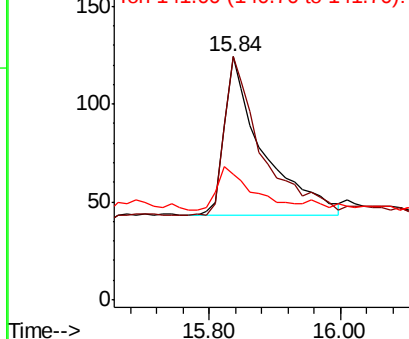


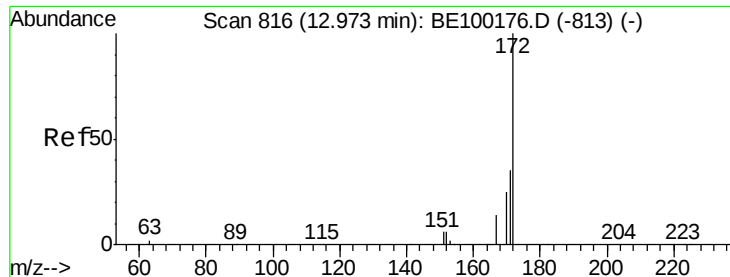
#14
 2,4,6-Tribromophenol
 Concen: 0.306 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE100198.D
 Acq: 27 Jun 2019 10:08

Tgt Ion:330 Resp: 336
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.7 116.5
 141 23.8 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

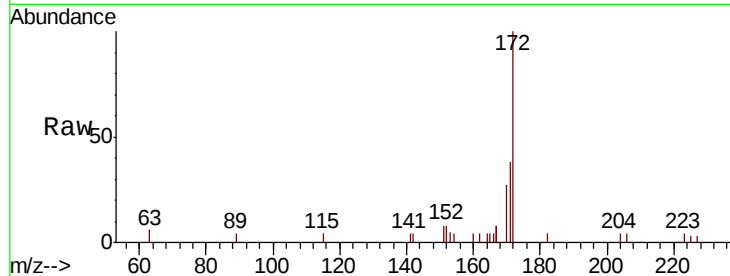




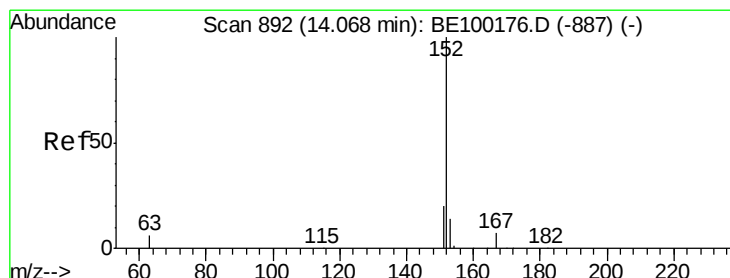
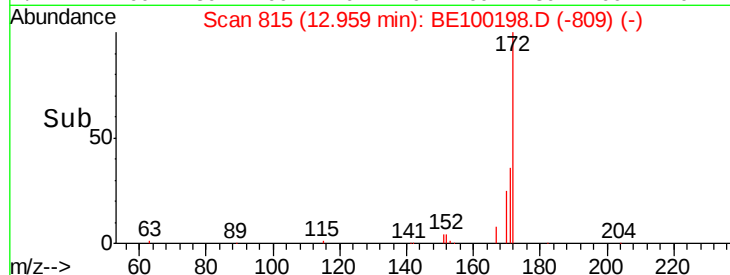
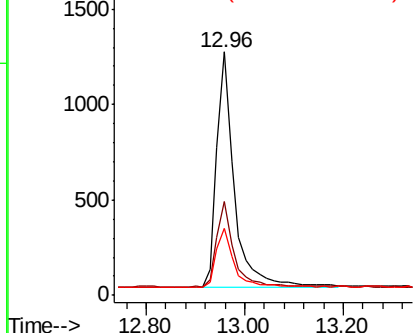
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.96 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3009
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 27.4 23.9 35.9

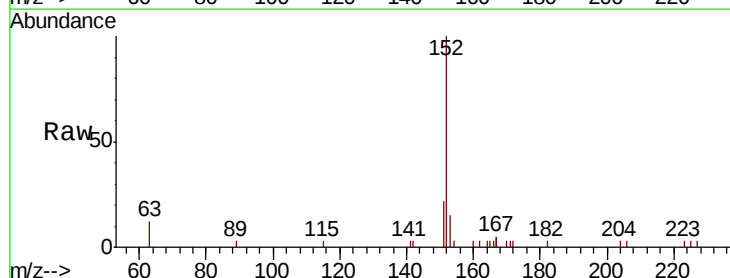


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

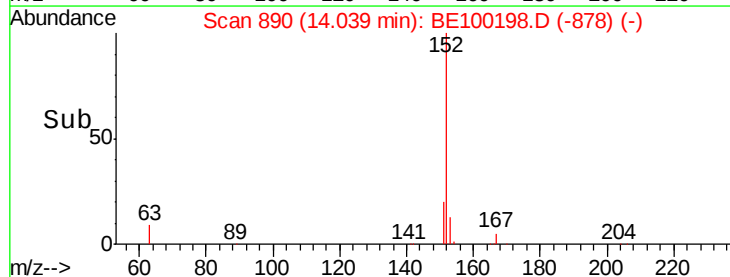
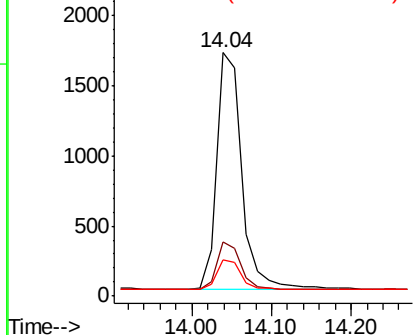


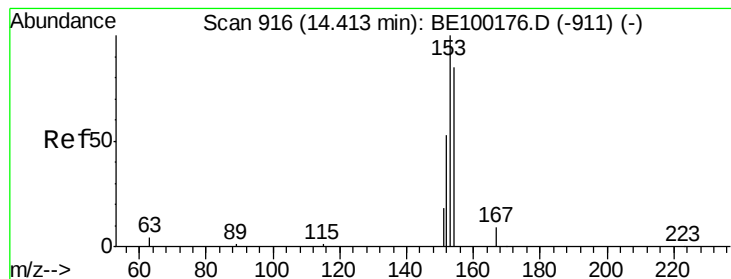
#16
Acenaphthylene
Concen: 0.401 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:152 Resp: 3712
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0
153 12.8 10.8 16.2



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: 0.407 ng

RT: 14.39 min Scan# 914

Delta R.T. -0.03 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

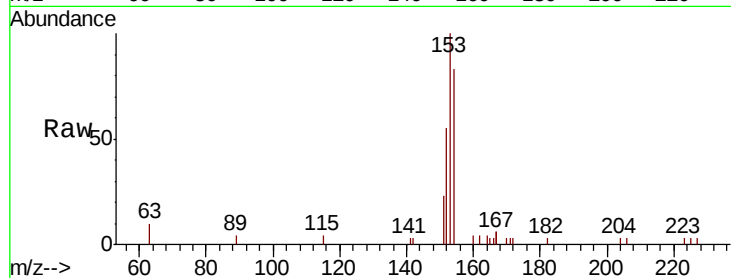
Tot Ion:154 Resp: 2110

Ion Ratio Lower Upper

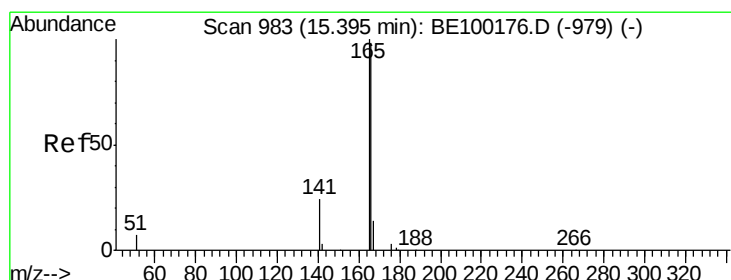
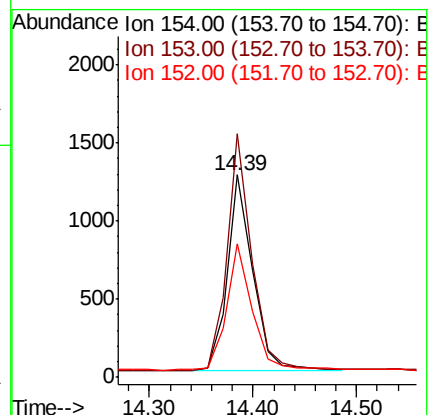
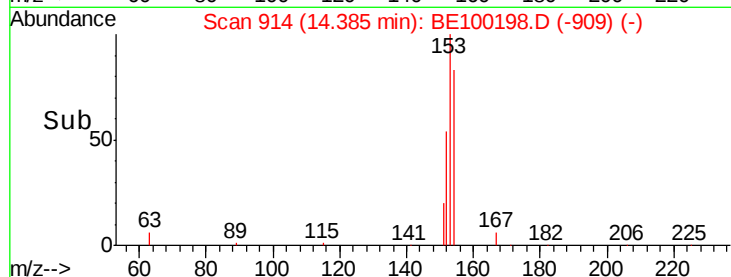
154 100

153 118.1 95.3 142.9

152 64.1 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: 0.418 ng

RT: 15.37 min Scan# 981

Delta R.T. -0.03 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

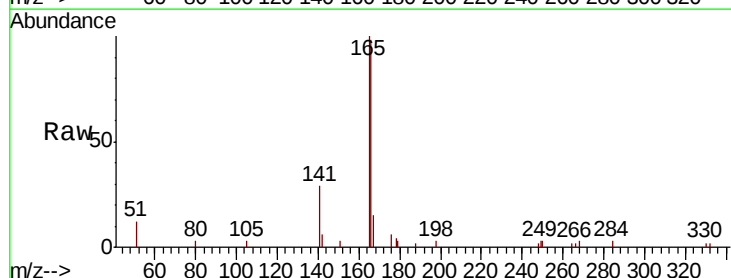
Tgt Ion:166 Resp: 3133

Ion Ratio Lower Upper

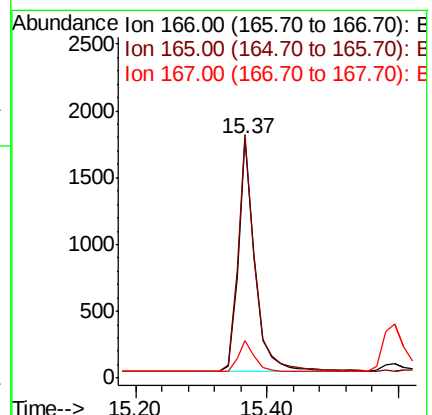
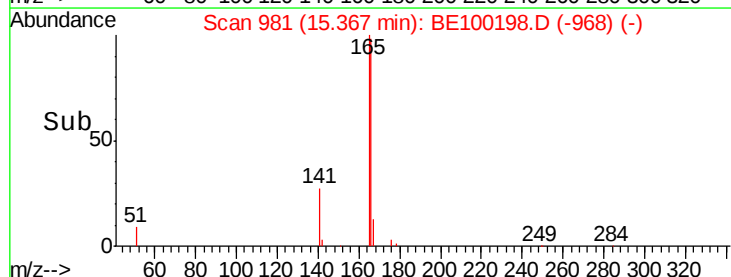
166 100

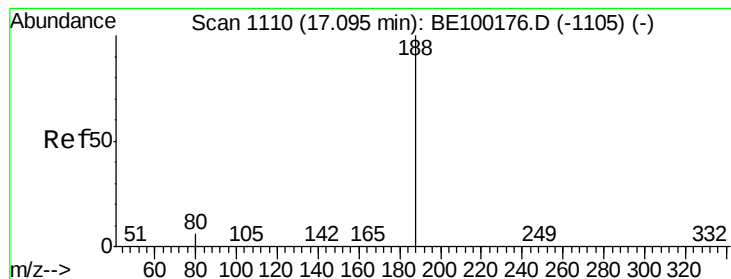
165 102.3 81.0 121.4

167 13.7 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: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

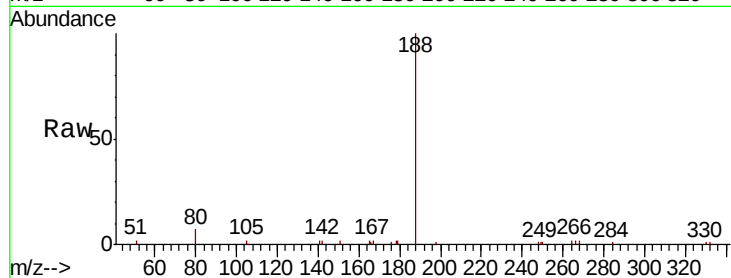
Tot Ion:188 Resp: 6040

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

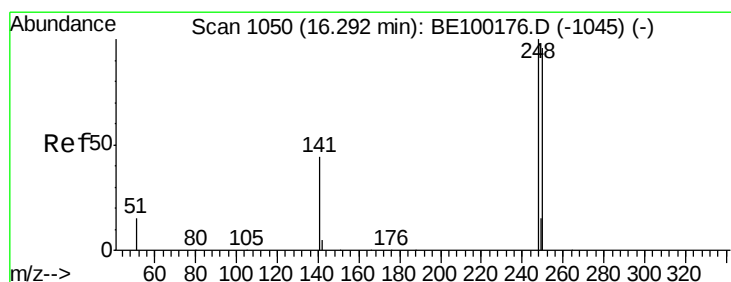
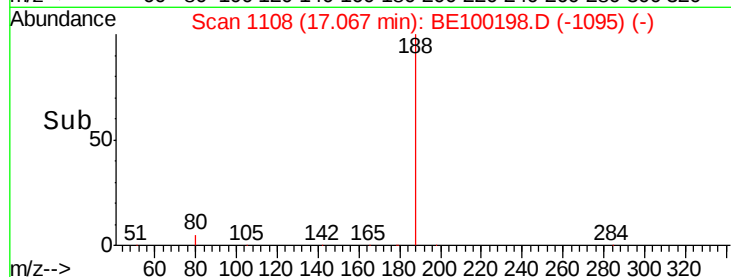
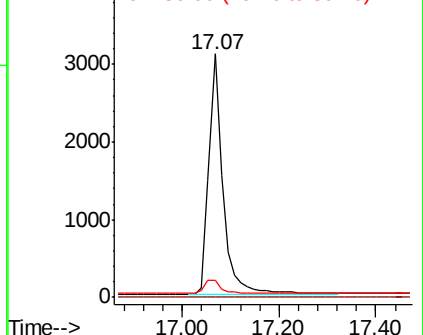
80 6.8 6.4 9.6



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: 0.416 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.03 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

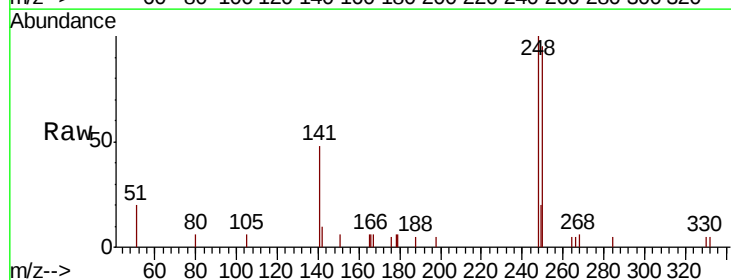
Tgt Ion:248 Resp: 1561

Ion Ratio Lower Upper

248 100

250 95.2 77.1 115.7

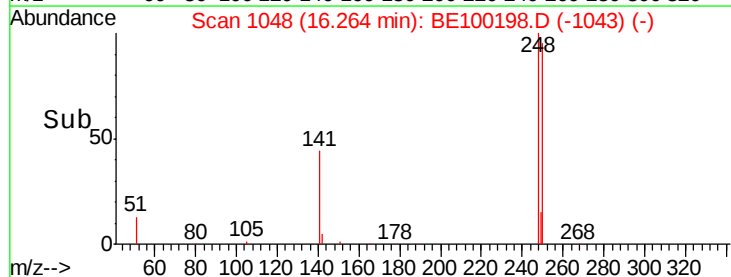
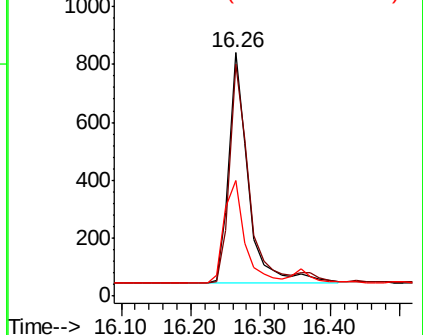
141 47.6 39.5 59.3

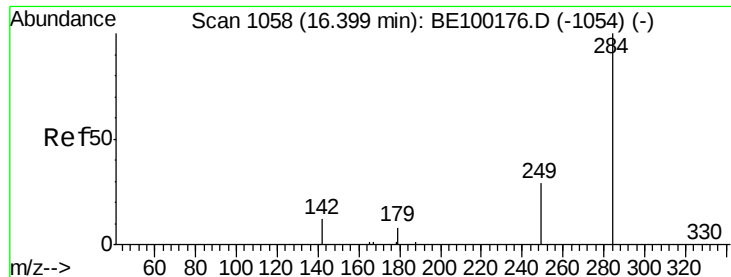


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

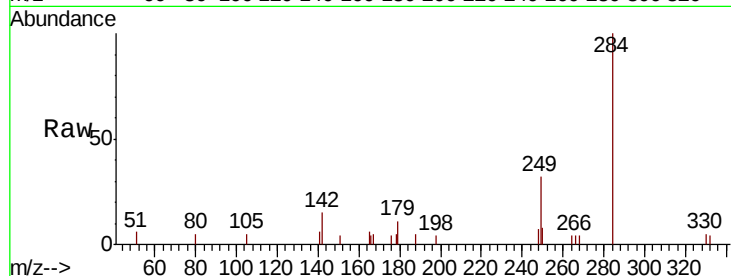




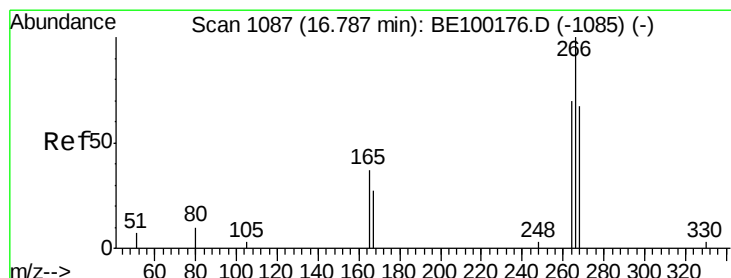
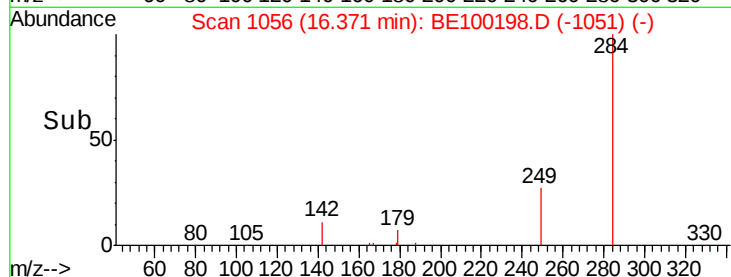
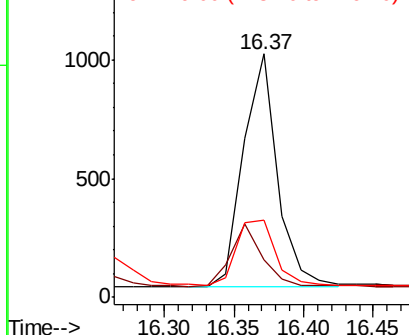
#21
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	24.7	20.1	30.1
249	31.8	26.2	39.4

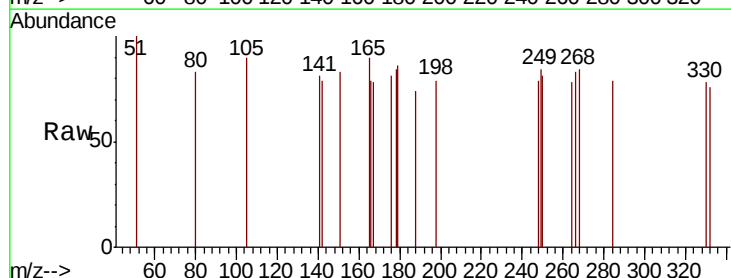


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

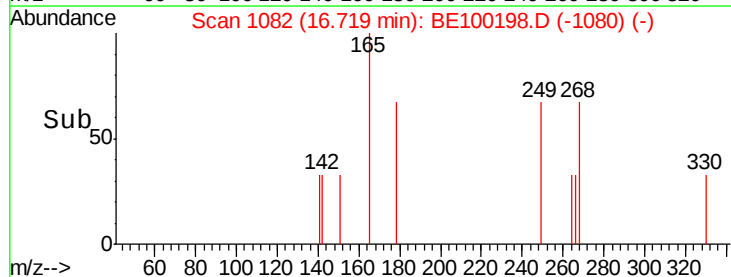
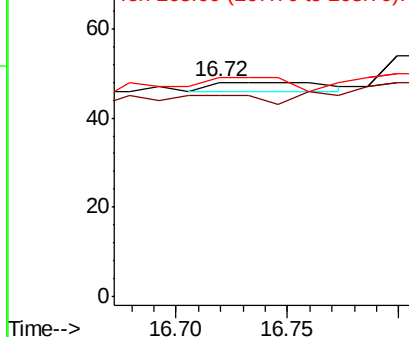


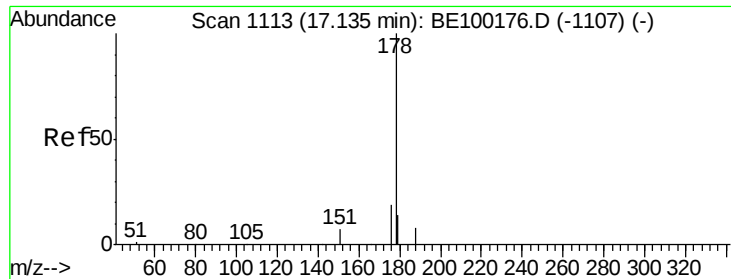
#22
Pentachlorophenol
Concen: 0.276 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.07 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	93.8	67.7	101.5
268	102.1	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

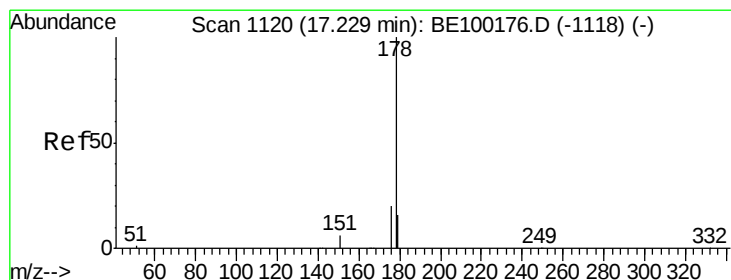
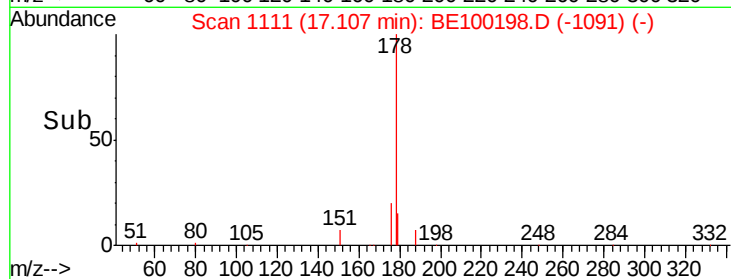
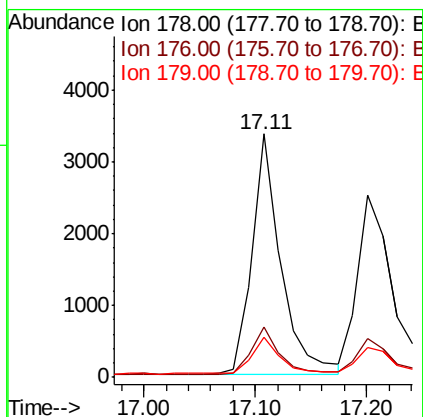
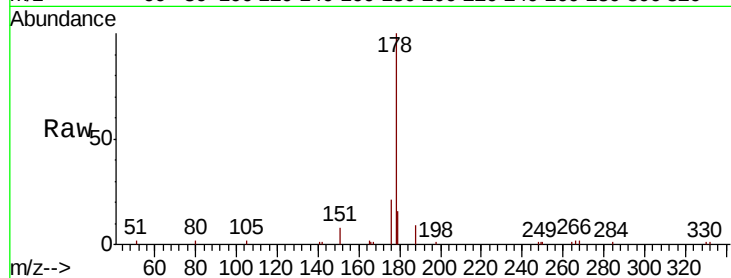




#23
Phenanthrene
Concen: 0.420 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

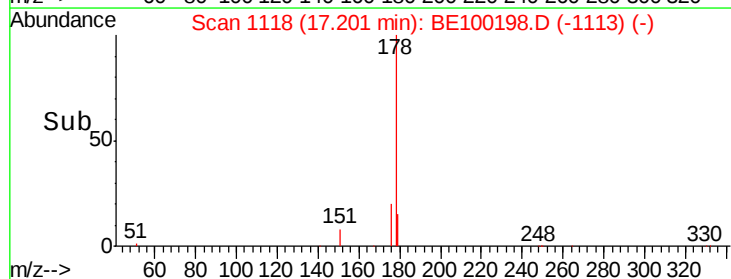
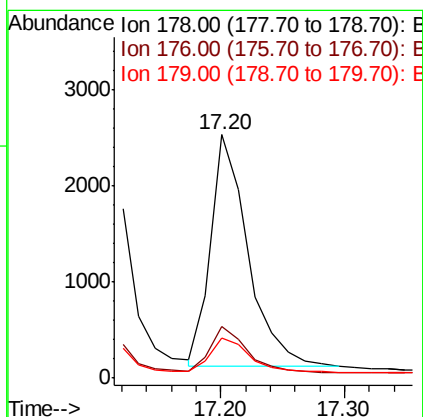
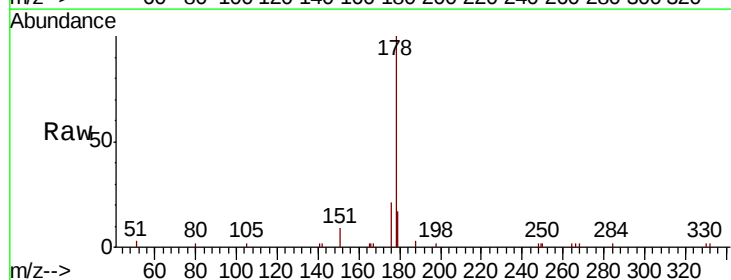
Instrument :
BNA_E
ClientSampleId :

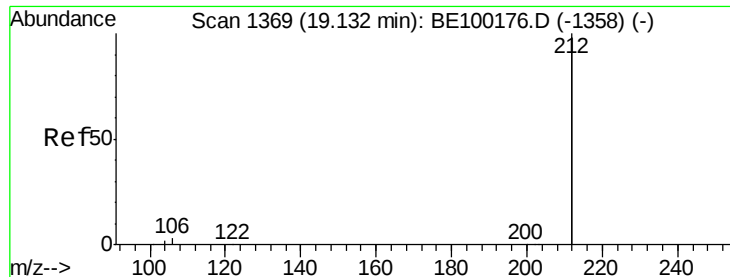
Tot Ion:178 Resp: 6012
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 14.7 12.2 18.2



#24
Anthracene
Concen: 0.415 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:178 Resp: 5014
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.4 12.9 19.3





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.10 min Scan# 1364

Delta R.T. -0.03 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

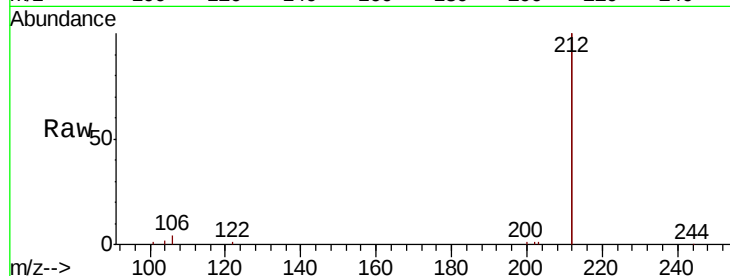
Tot Ion:212 Resp: 33945

Ion Ratio Lower Upper

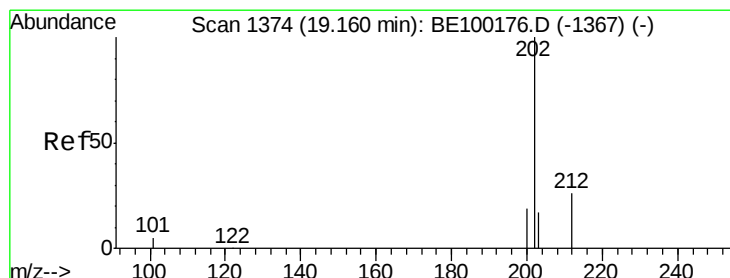
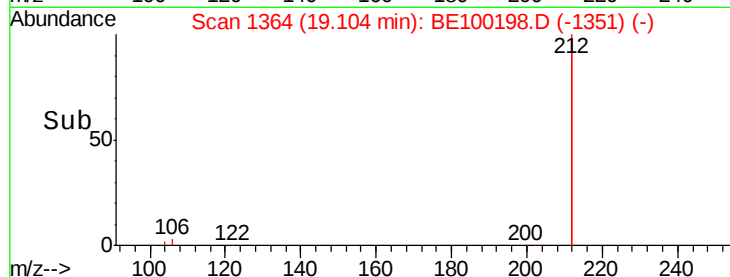
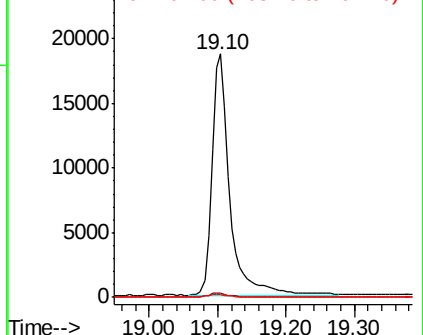
212 100

106 1.6 1.3 1.9

104 1.0 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: 0.394 ng

RT: 19.13 min Scan# 1369

Delta R.T. -0.03 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

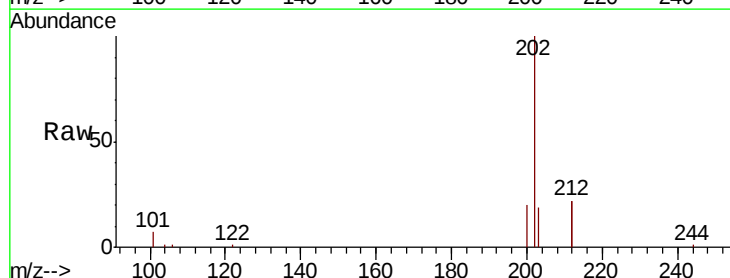
Tgt Ion:202 Resp: 9174

Ion Ratio Lower Upper

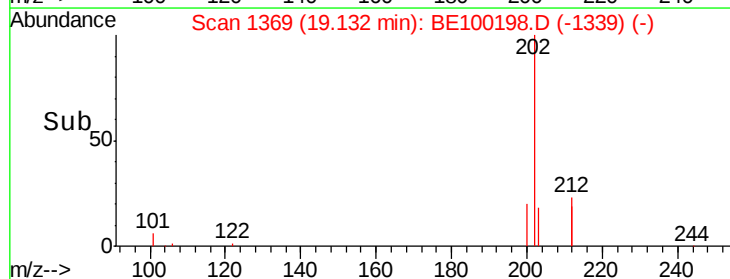
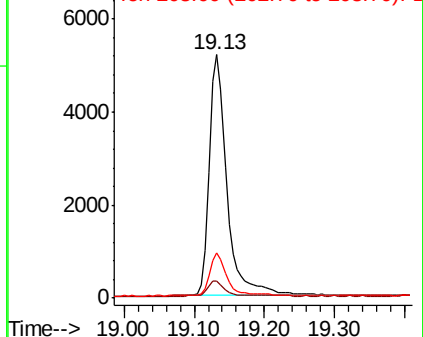
202 100

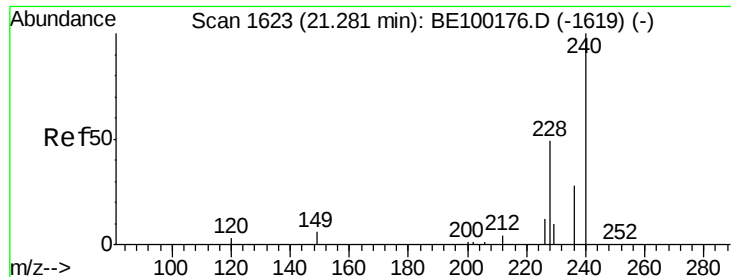
101 6.1 4.5 6.7

203 16.9 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

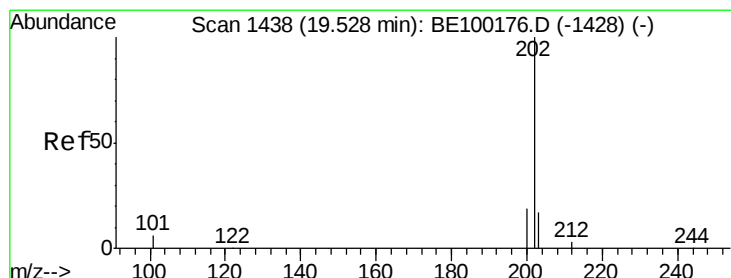
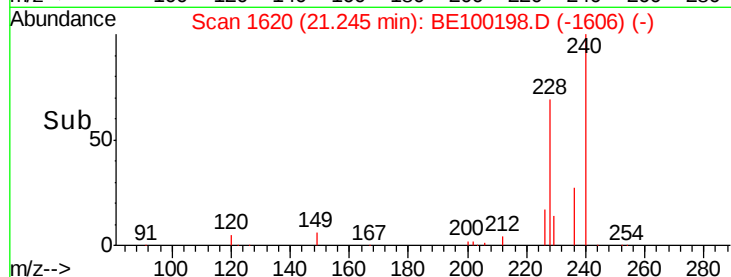
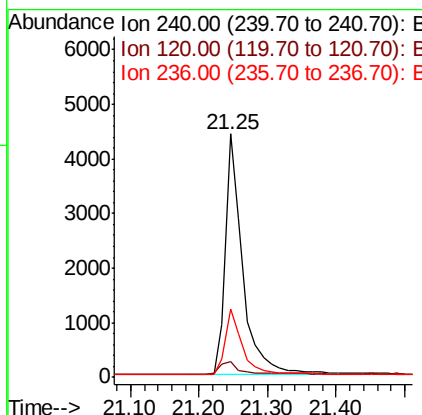
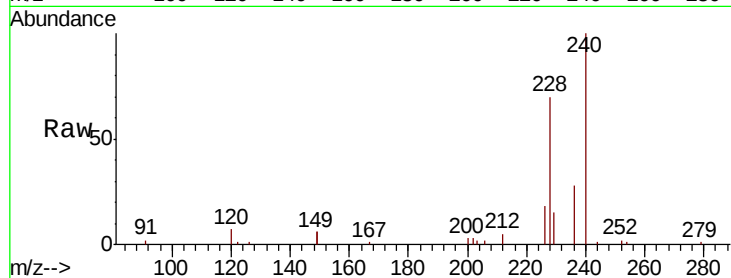




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. -0.04 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

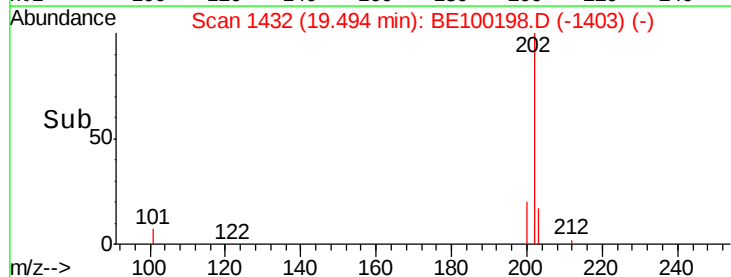
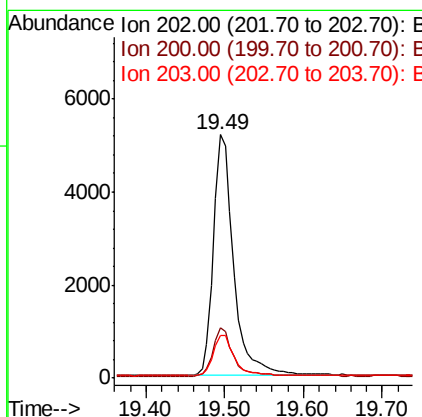
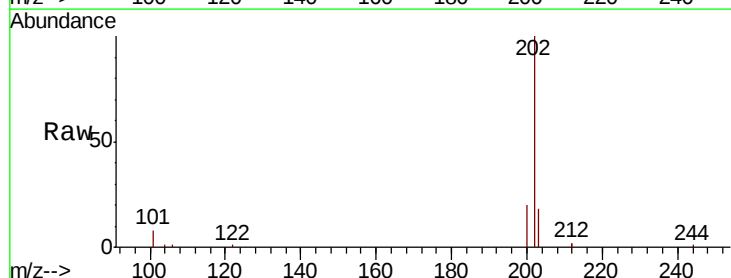
Instrument :
BNA_E
ClientSampleId :

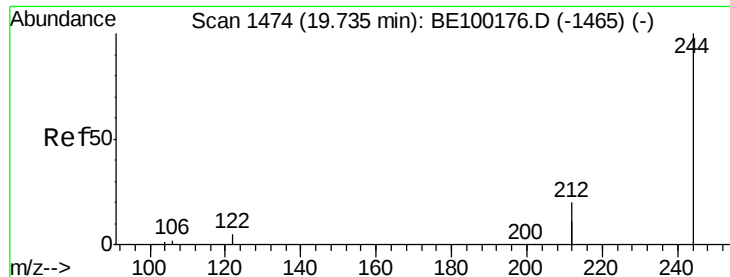
Tot Ion:240 Resp: 7811
Ion Ratio Lower Upper
240 100
120 6.5 4.1 6.1#
236 27.9 23.0 34.6



#28
Pyrene
Concen: 0.460 ng
RT: 19.49 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:202 Resp: 9208
Ion Ratio Lower Upper
202 100
200 19.7 15.5 23.3
203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 0.448 ng

RT: 19.71 min Scan# 1469

Delta R.T. -0.03 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

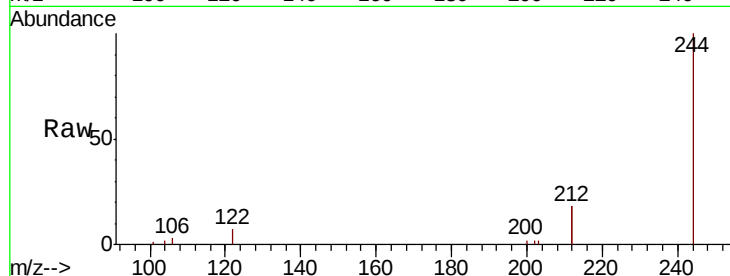
Tot Ion:244 Resp: 6873

Ion Ratio Lower Upper

244 100

212 35.7 30.7 46.1

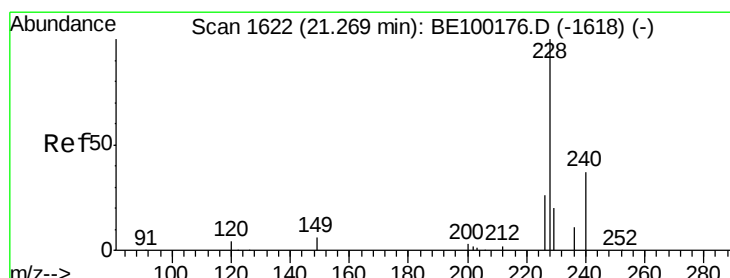
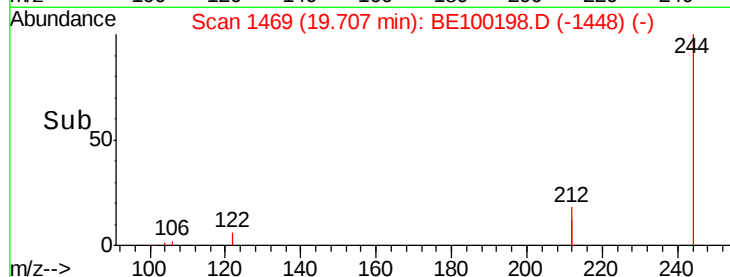
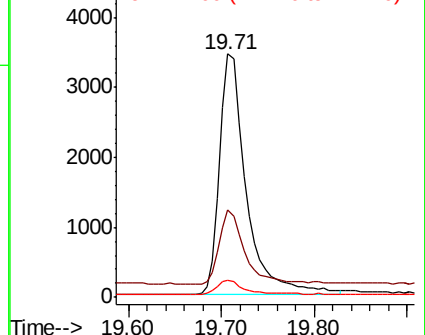
122 7.1 5.8 8.6



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: 0.424 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.04 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

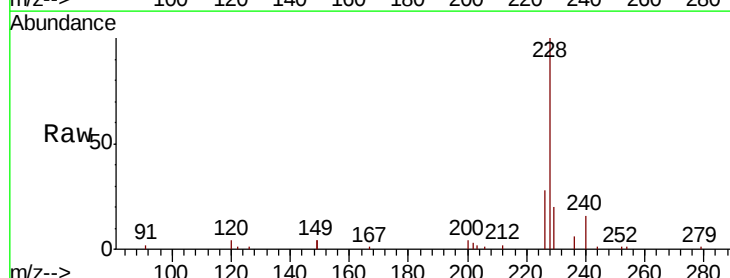
Tgt Ion:228 Resp: 9769

Ion Ratio Lower Upper

228 100

226 27.7 21.5 32.3

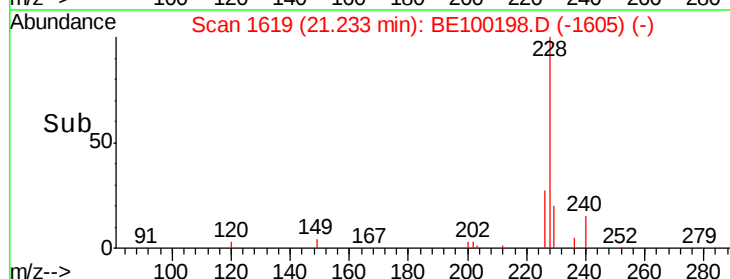
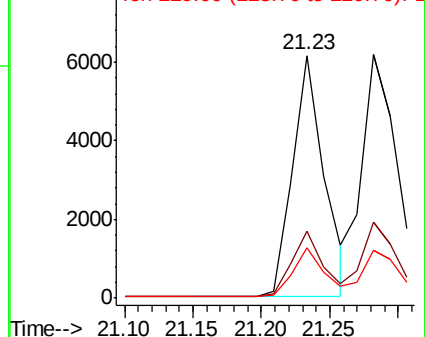
229 20.5 17.2 25.8

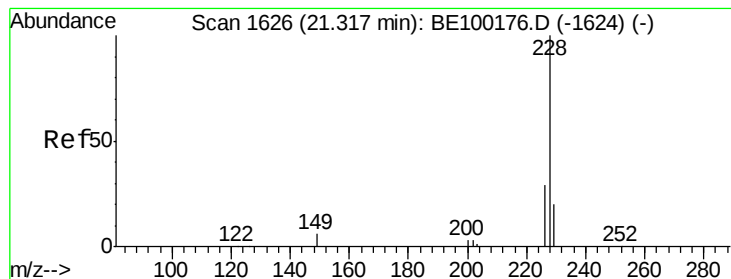


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.413 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.04 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

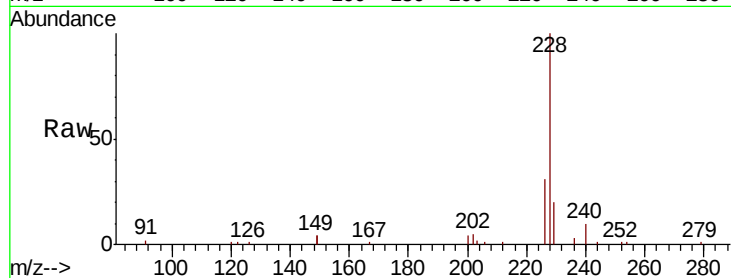
Tot Ion:228 Resp: 11154

Ion Ratio Lower Upper

228 100

226 31.1 23.7 35.5

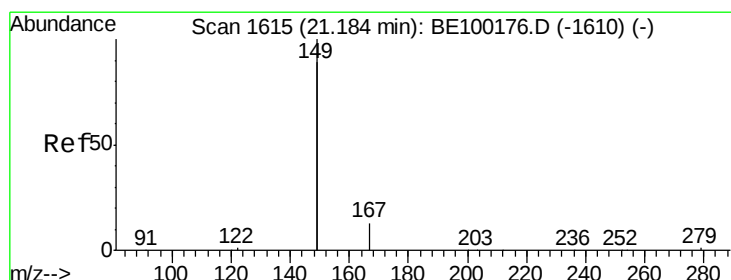
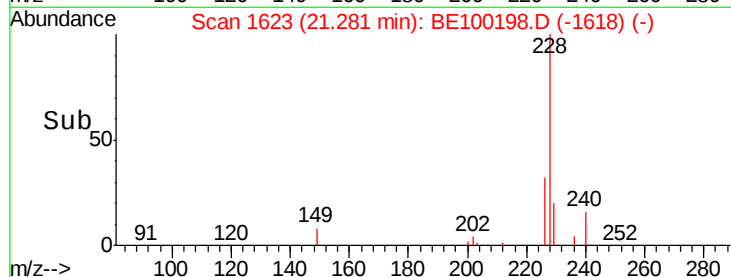
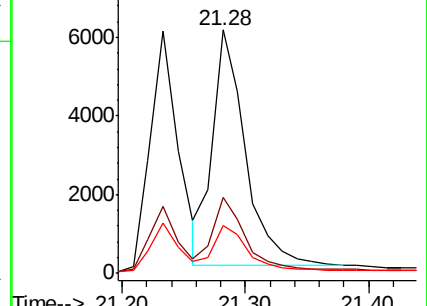
229 19.9 16.5 24.7



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: 0.393 ng

RT: 21.16 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

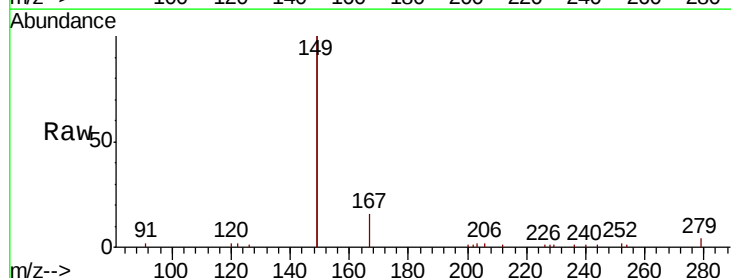
Tgt Ion:149 Resp: 10402

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

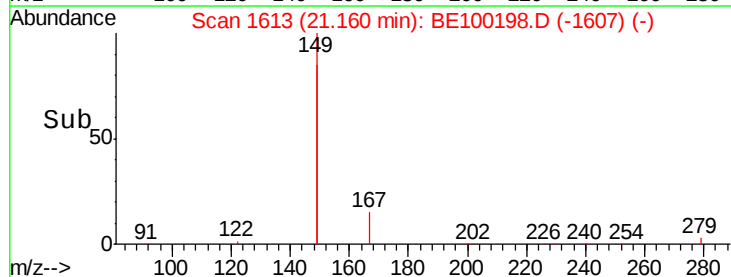
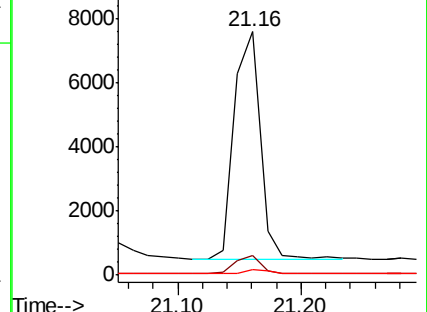
279 1.4 1.0 1.6

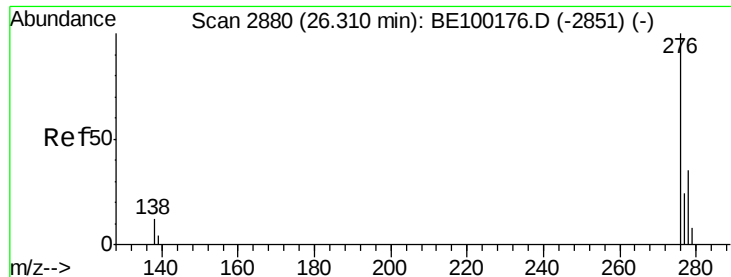


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

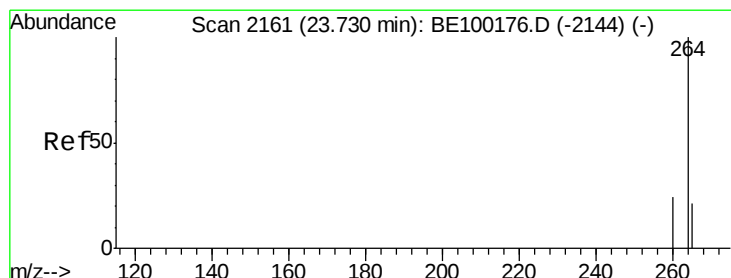
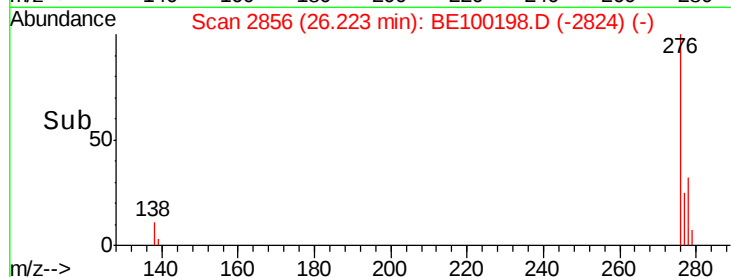
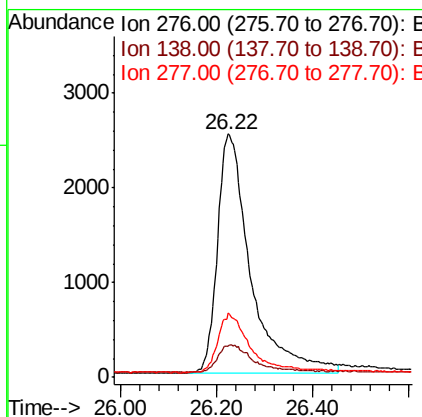
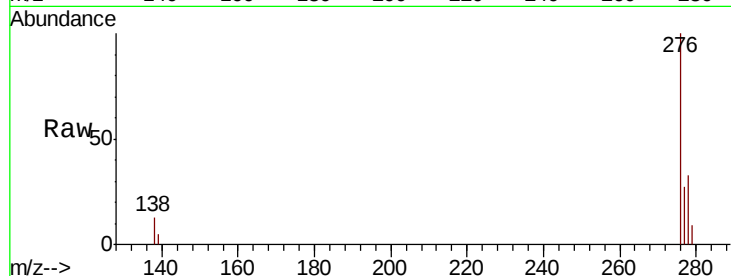




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.316 ng
 RT: 26.22 min Scan# 2856
 Delta R.T. -0.09 min
 Lab File: BE100198.D
 Acq: 27 Jun 2019 10:08

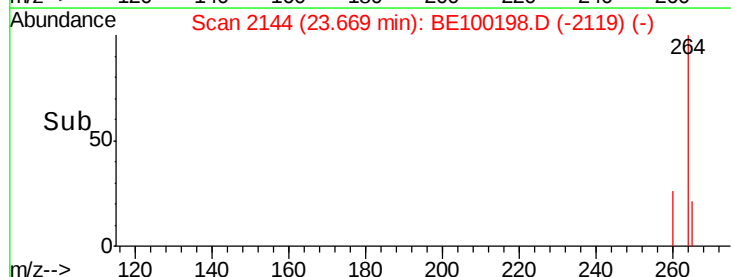
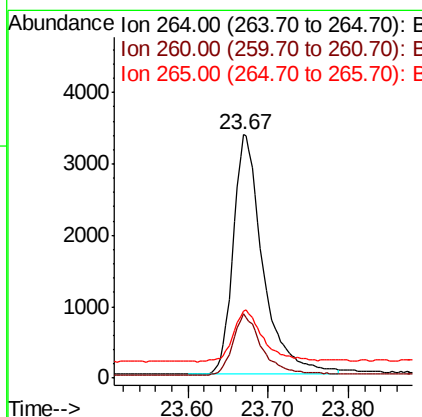
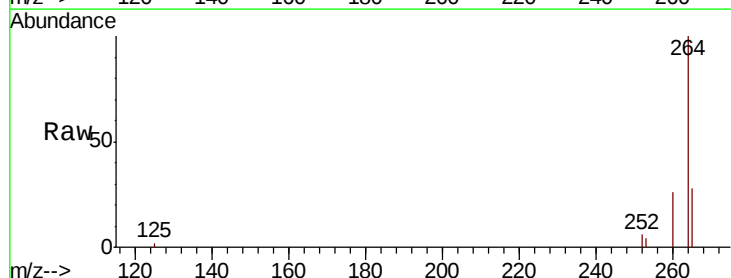
Instrument :
 BNA_E
 ClientSampleId :

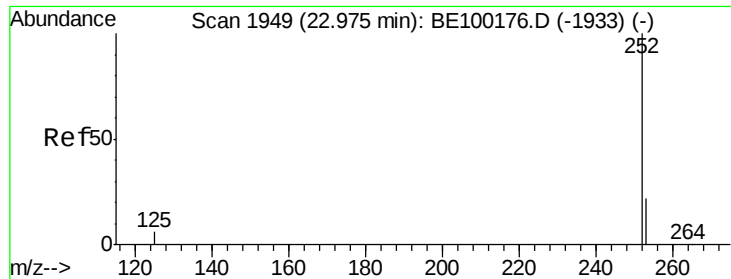
Tot Ion:276 Resp: 12152
 Ion Ratio Lower Upper
 276 100
 138 11.4 3.7 5.5#
 277 23.8 18.7 28.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2144
 Delta R.T. -0.06 min
 Lab File: BE100198.D
 Acq: 27 Jun 2019 10:08

Tgt Ion:264 Resp: 8633
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.4 30.6
 265 27.7 22.5 33.7





#35

Benzo(b)fluoranthene

Concen: 0.421 ng

RT: 22.92 min Scan# 1935

Delta R.T. -0.05 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :

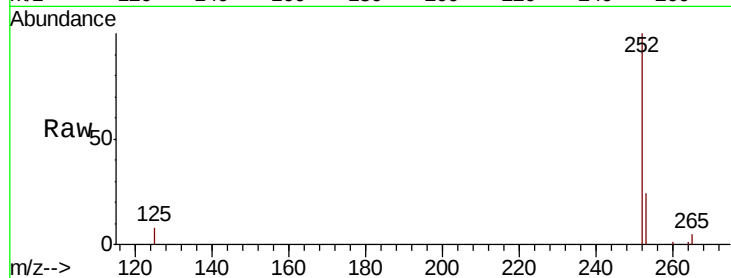
Tot Ion:252 Resp: 9768

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.4

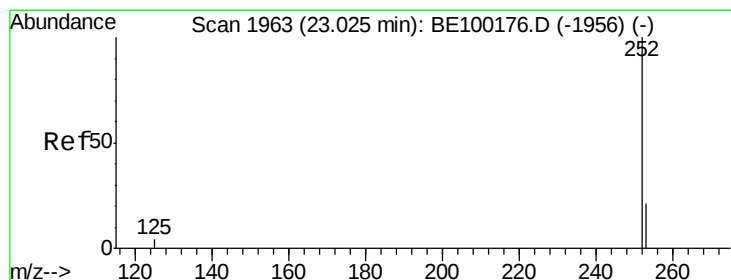
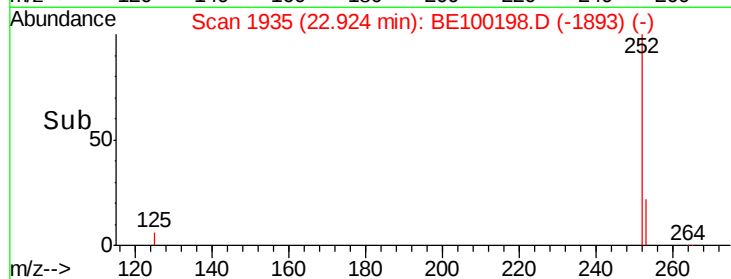
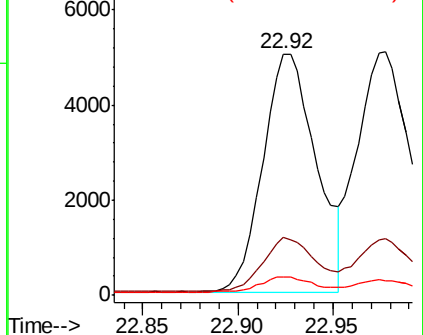
125 7.6 6.3 9.5



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: 0.407 ng

RT: 22.98 min Scan# 1950

Delta R.T. -0.05 min

Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

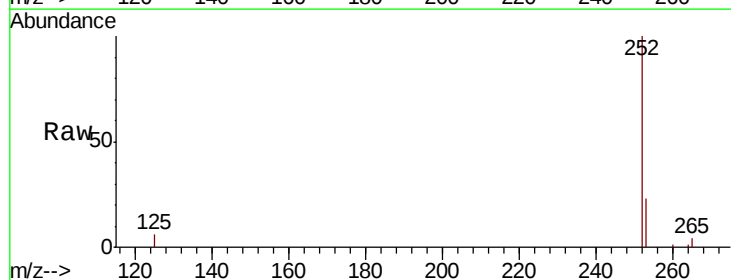
Tgt Ion:252 Resp: 11302

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

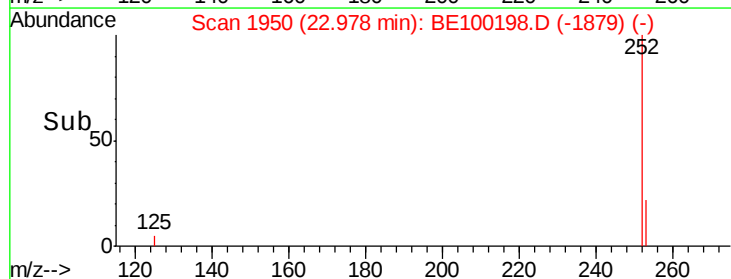
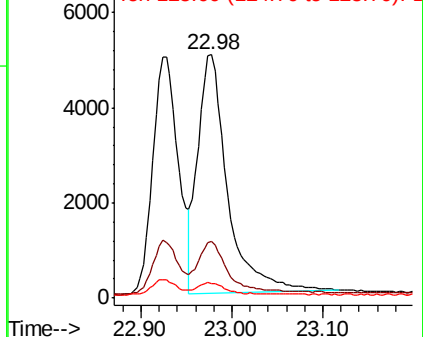
125 6.1 5.0 7.4

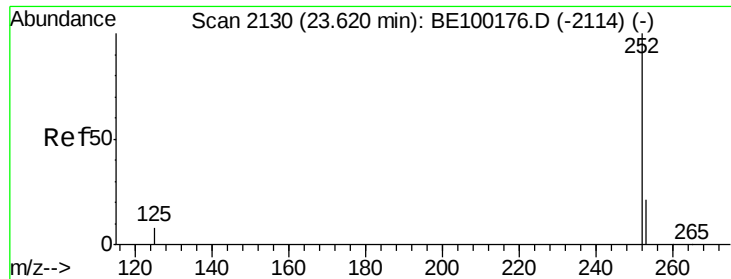


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

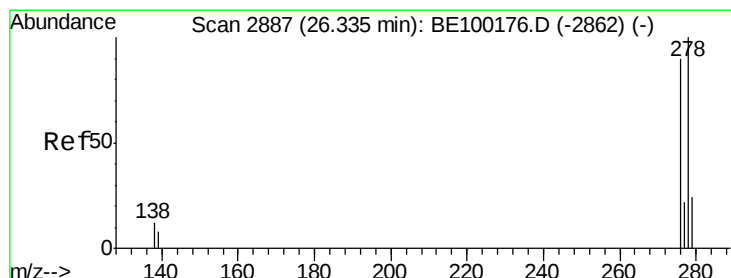
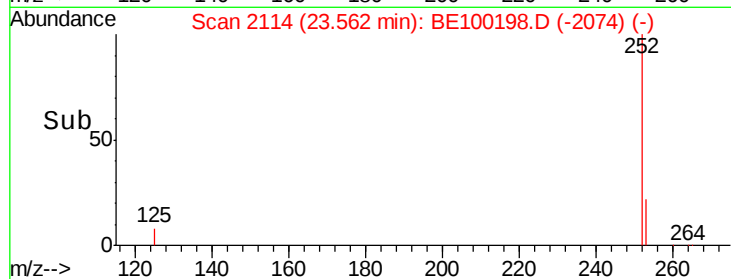
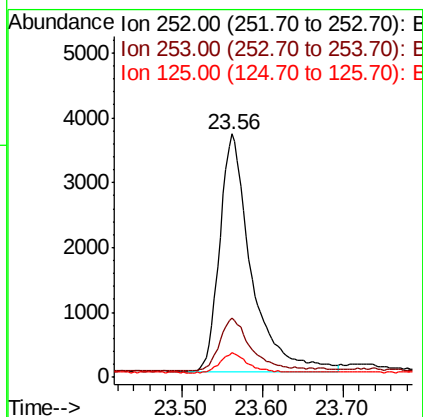
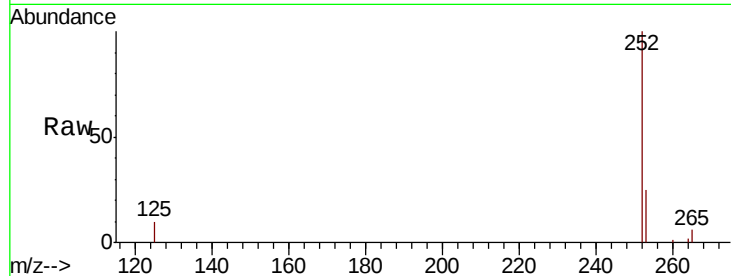




#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.56 min Scan# 2114
Delta R.T. -0.06 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

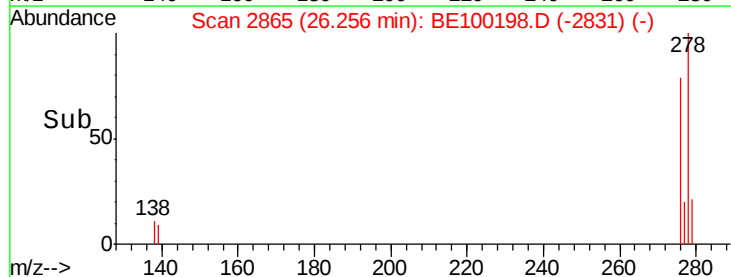
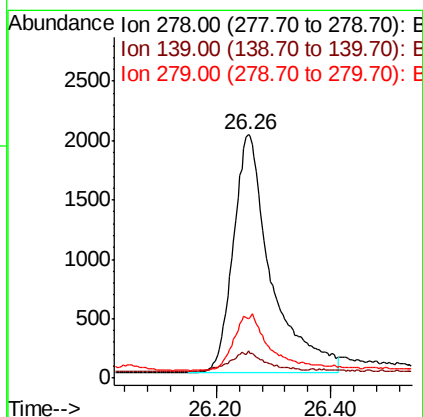
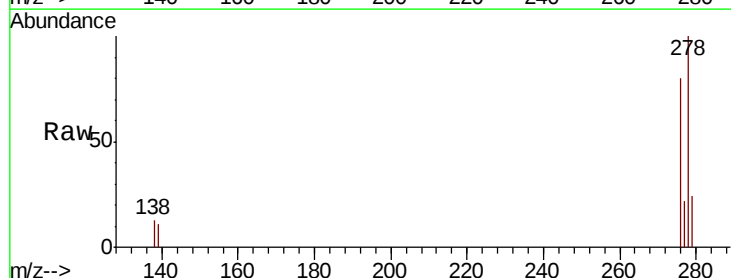
Instrument :
BNA_E
ClientSampleId :

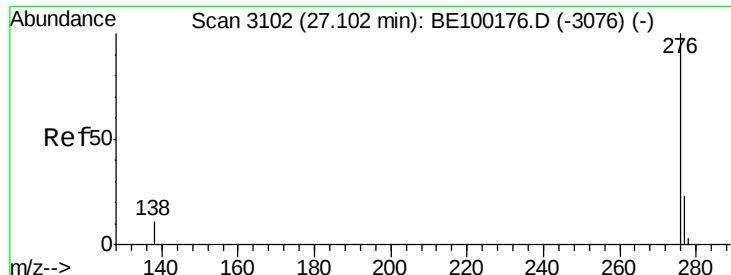
Tot Ion:252 Resp: 9933
Ion Ratio Lower Upper
252 100
253 24.6 19.2 28.8
125 9.9 8.2 12.2



#38
Dibenzo(a,h)anthracene
Concen: 0.356 ng
RT: 26.26 min Scan# 2865
Delta R.T. -0.08 min
Lab File: BE100198.D
Acq: 27 Jun 2019 10:08

Tgt Ion:278 Resp: 9166
Ion Ratio Lower Upper
278 100
139 11.1 9.0 13.4
279 24.2 21.1 31.7





#39

Benzo(a,h,i)perylene

Concen: 0.373 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.09 min

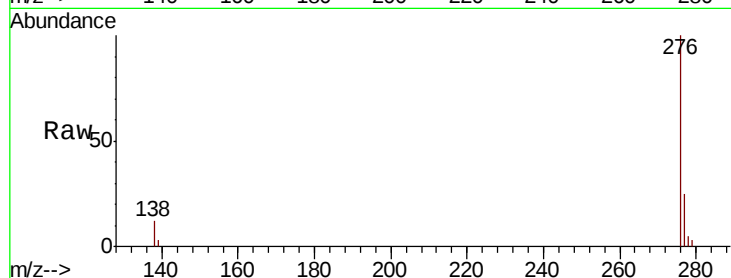
Lab File: BE100198.D

Acq: 27 Jun 2019 10:08

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 10032

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.6

138 11.8 10.2 15.4

