

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BECCC98.D
 Acq On : 5 Dec 2019 20:44
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

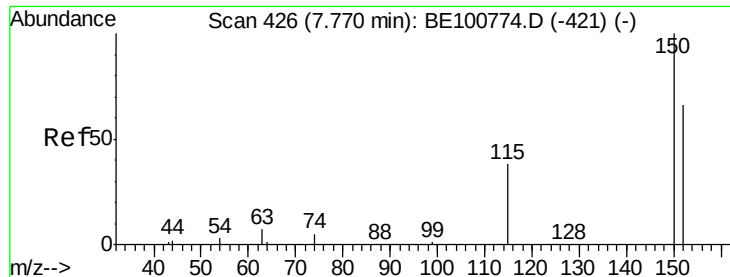
Quant Time: Dec 06 02:05:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5661	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	27880	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	16953	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	36408	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	34839	0.40	ng	0.00
34) Perylene-d12	23.75	264	43048	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	6702	0.50	ng	0.00
5) Phenol-d6	6.93	99	10509	0.52	ng	0.00
8) Nitrobenzene-d5	8.90	82	7981	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16381	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1653	0.88	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	23677	0.35	ng	0.00
25) Fluoranthene-d10	19.16	212	156719	0.36	ng	0.00
29) Terphenyl-d14	19.76	244	33111	0.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	3614	0.350	ng	97
3) n-Nitrosodimethylamine	3.65	42	3200	0.381	ng	# 86
6) bis(2-Chloroethyl)ether	7.19	93	7910	0.404	ng	99
9) Naphthalene	10.59	128	113652	0.384	ng	100
10) Hexachlorobutadiene	10.89	225	4340	0.376	ng	97
12) 2-Methylnaphthalene	12.21	142	18550	0.401	ng	97
16) Acenaphthylene	14.11	152	27773	0.396	ng	100
17) Acenaphthene	14.46	154	18307	0.379	ng	97
18) Fluorene	15.43	166	23191	0.372	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	6847	0.383	ng	99
21) Hexachlorobenzene	16.44	284	7322	0.377	ng	99
22) Pentachlorophenol	16.79	266	1365	1.017	ng	# 83
23) Phenanthrene	17.16	178	41592	0.377	ng	100
24) Anthracene	17.25	178	36080	0.391	ng	99
26) Fluoranthene	19.19	202	46767	0.355	ng	100
28) Pyrene	19.55	202	47370	0.418	ng	100
30) Benzo(a)anthracene	21.29	228	46534	0.453	ng	99
31) Chrysene	21.34	228	46842	0.388	ng	98
32) Bis(2-ethylhexyl)phthalate	21.24	149	105563	1.258	ng	99
33) Indeno(1,2,3-cd)pyrene	26.33	276	52826	0.503	ng	100
35) Benzo(b)fluoranthene	23.00	252	46954	0.398	ng	100
36) Benzo(k)fluoranthene	23.05	252	47432	0.359	ng	99
37) Benzo(a)pyrene	23.64	252	43448	0.426	ng	99
38) Dibenzo(a,h)anthracene	26.36	278	42850	0.422	ng	97
39) Benzo(g,h,i)perylene	27.11	276	43890	0.404	ng	100

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

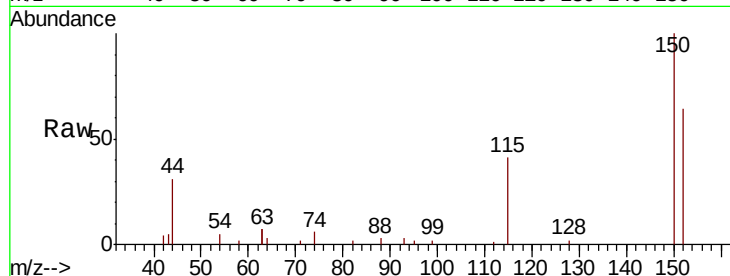


#1

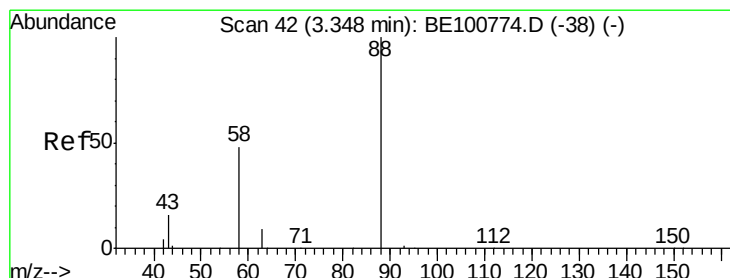
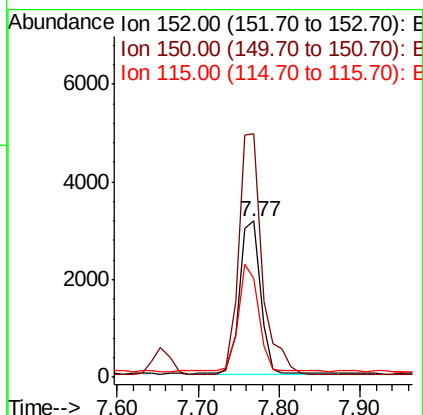
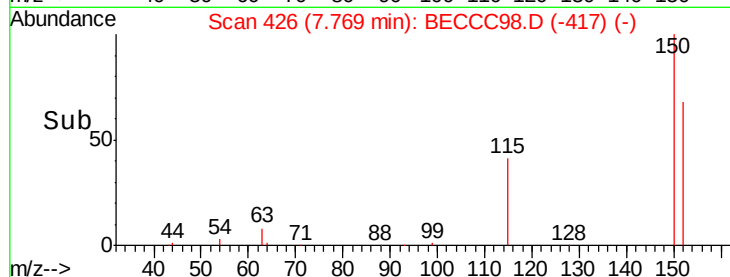
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5661
Ion Ratio Lower Upper
152 100
150 155.9 120.6 181.0
115 63.5 47.4 71.2



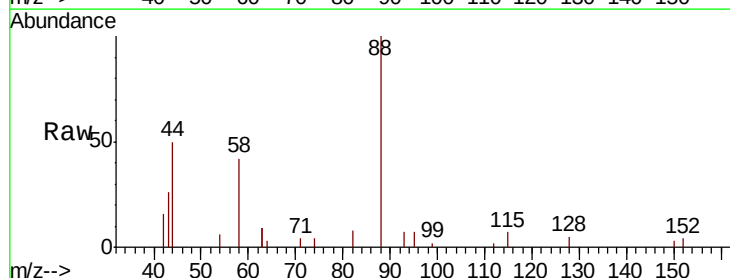
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



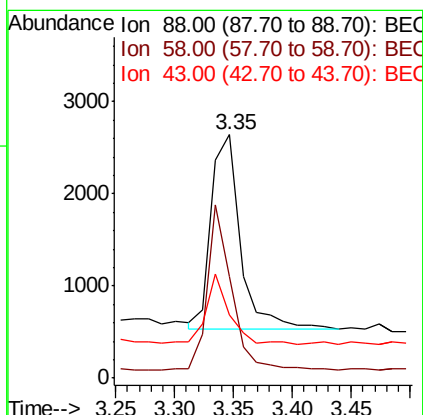
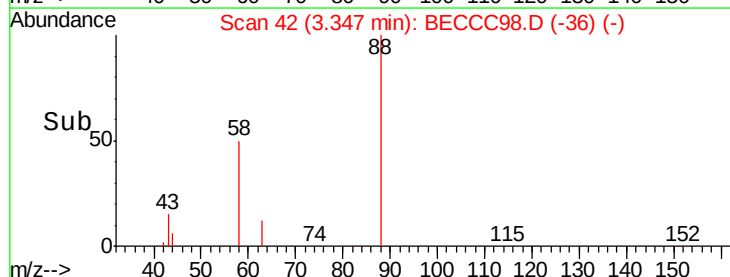
#2

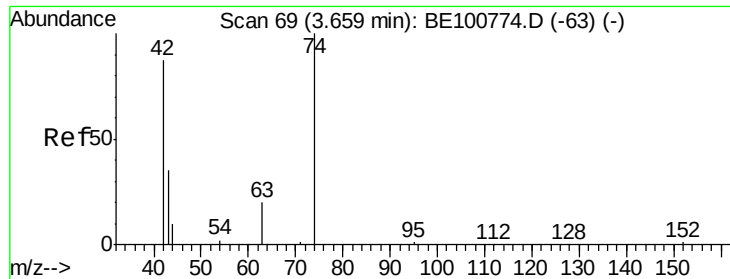
1,4-Dioxane
Concen: 0.350 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion: 88 Resp: 3614
Ion Ratio Lower Upper
88 100
58 68.4 52.5 78.7
43 29.0 23.0 34.6



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





#3

n-Nitrosodimethylamine

Concen: 0.381 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

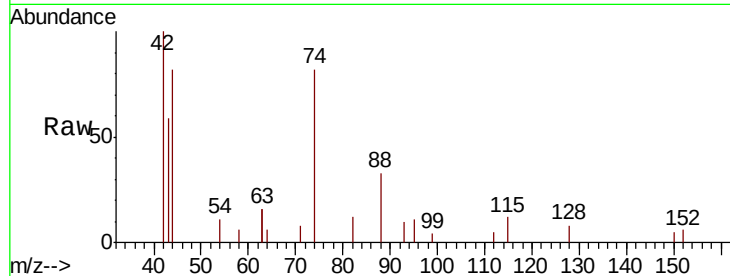
Tot Ion: 42 Resp: 3200

Ion Ratio Lower Upper

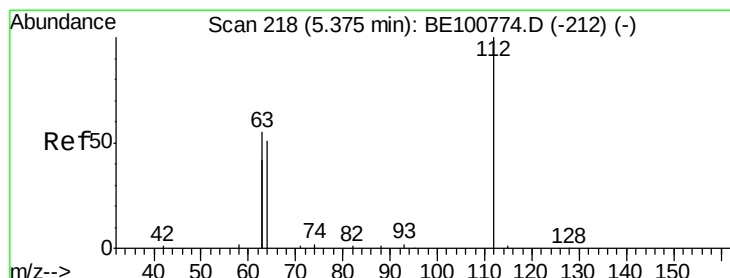
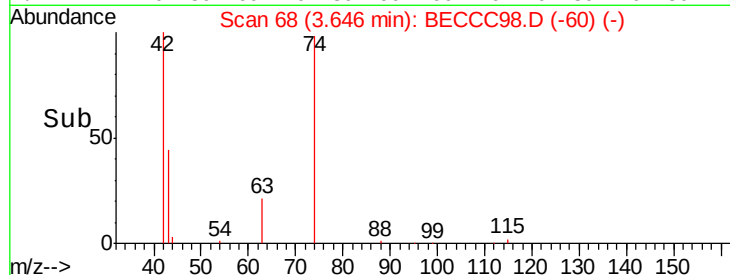
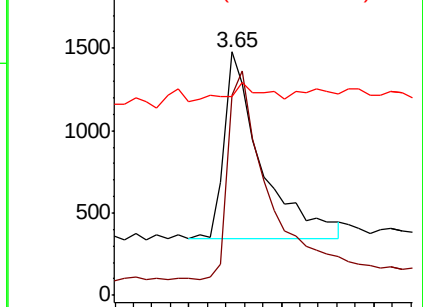
42 100

74 121.7 86.3 129.5

44 6.5 11.6 17.4#



Abundance Ion 42.00 (41.70 to 42.70): BEC
Ion 74.00 (73.70 to 74.70): BEC
Ion 44.00 (43.70 to 44.70): BEC



#4

2-Fluorophenol

Concen: 0.499 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

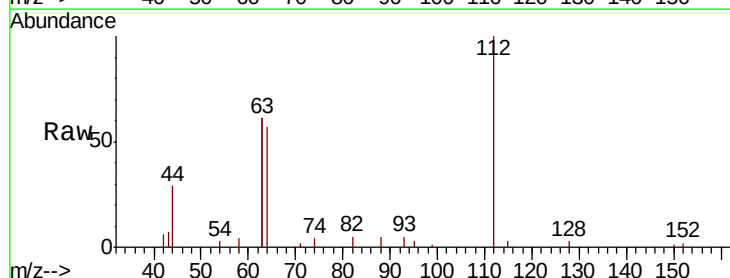
Tgt Ion: 112 Resp: 6702

Ion Ratio Lower Upper

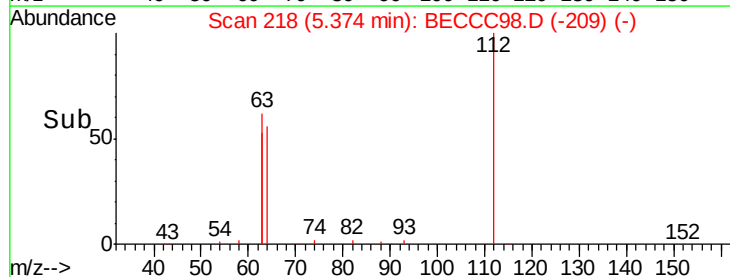
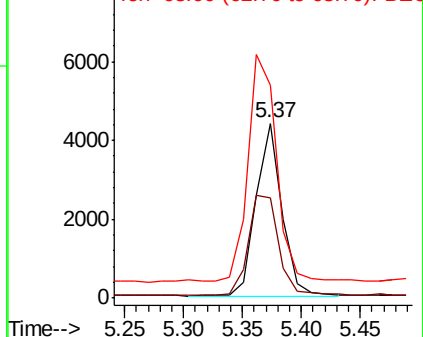
112 100

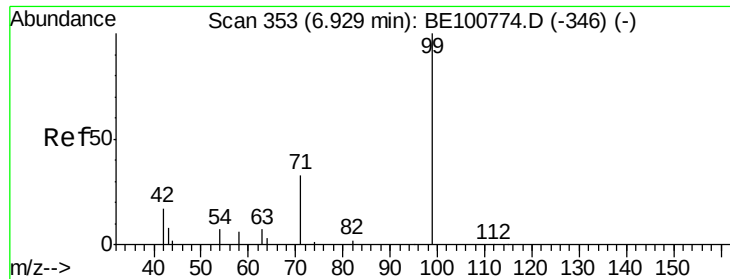
64 67.9 54.1 81.1

63 143.0 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BEC
Ion 63.00 (62.70 to 63.70): BEC





#5

Phenol-d6

Concen: 0.518 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

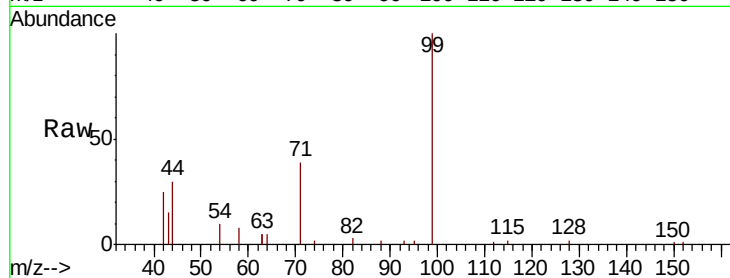
Tot Ion: 99 Resp: 10509

Ion Ratio Lower Upper

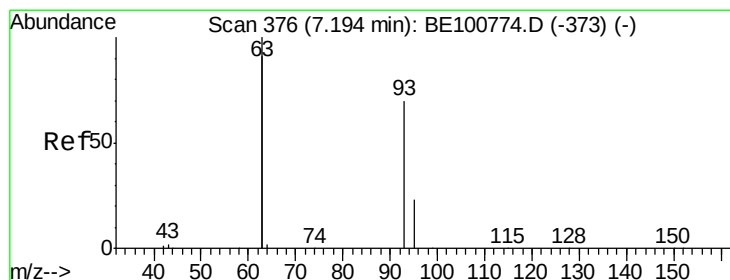
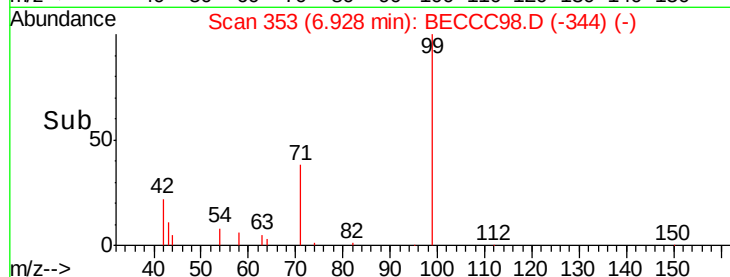
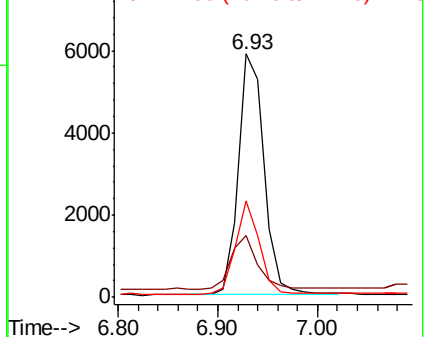
99 100

42 23.5 19.1 28.7

71 35.7 27.7 41.5



Abundance Ion 99.00 (98.70 to 99.70): BEC
Ion 42.00 (41.70 to 42.70): BEC
Ion 71.00 (70.70 to 71.70): BEC



#6

bis(2-Chloroethyl)ether

Concen: 0.404 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

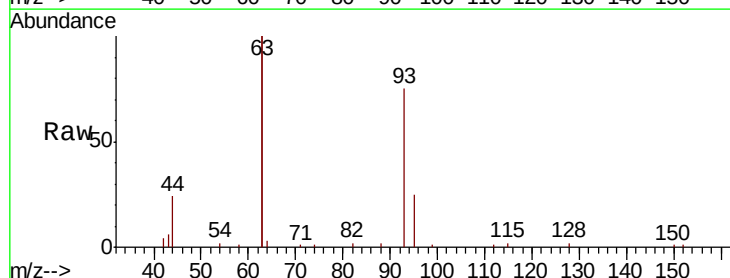
Tgt Ion: 93 Resp: 7910

Ion Ratio Lower Upper

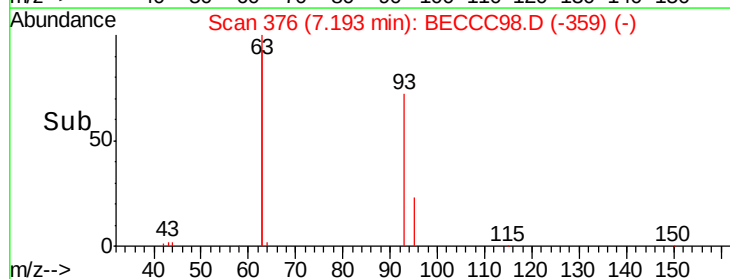
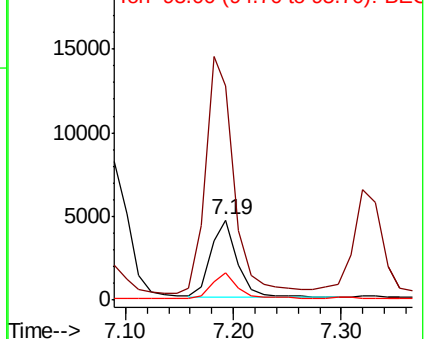
93 100

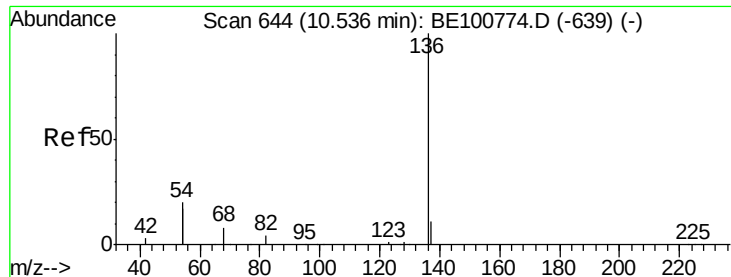
63 322.5 259.4 389.0

95 32.0 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BEC
Ion 63.00 (62.70 to 63.70): BEC
Ion 95.00 (94.70 to 95.70): BEC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 27880

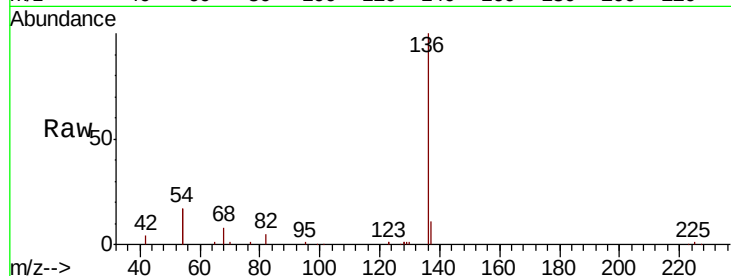
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 33.9 31.1 46.7

68 7.6 6.6 10.0

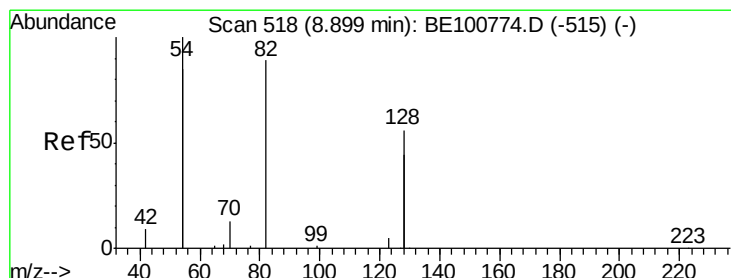
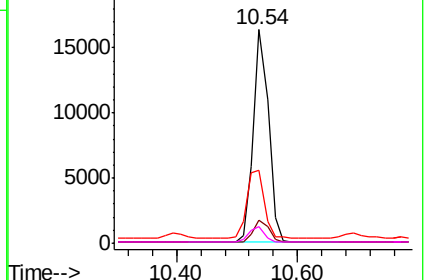
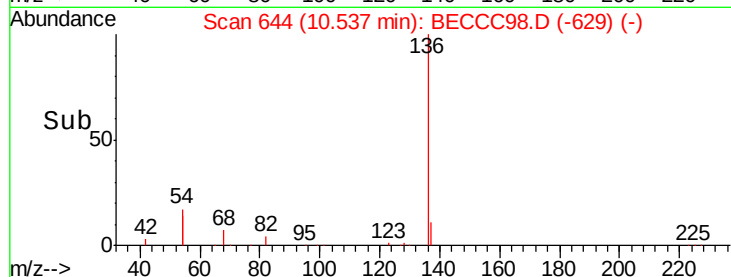


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BEC

Ion 68.00 (67.70 to 68.70): BEC



#8

Nitrobenzene-d5

Concen: 0.601 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

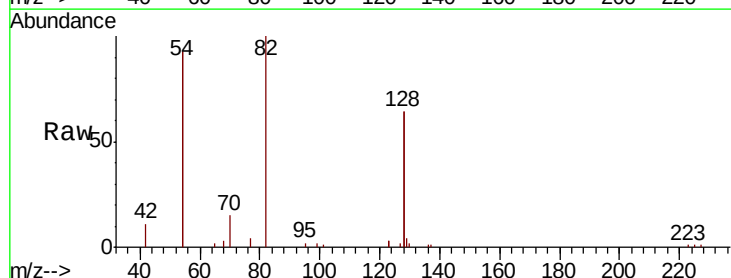
Tgt Ion: 82 Resp: 7981

Ion Ratio Lower Upper

82 100

128 127.2 97.0 145.4

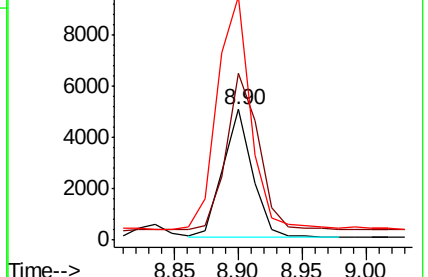
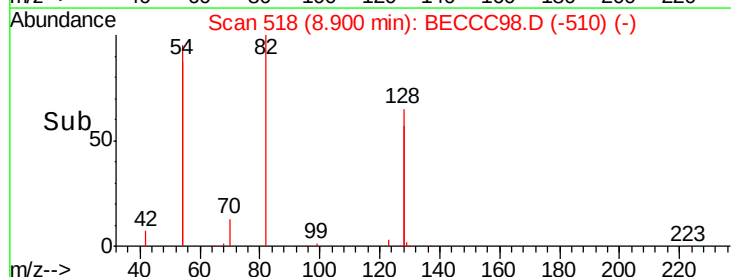
54 186.1 171.8 257.6

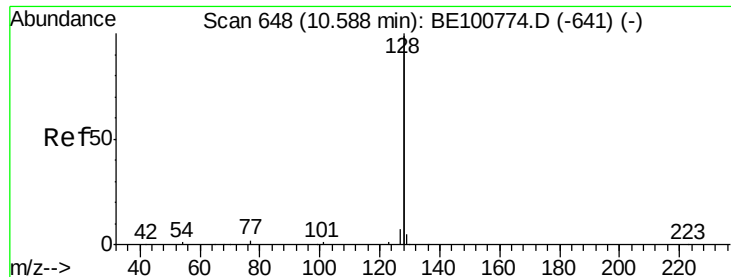


Abundance Ion 82.00 (81.70 to 82.70): BEC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BEC





#9

Naphthalene

Concen: 0.384 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

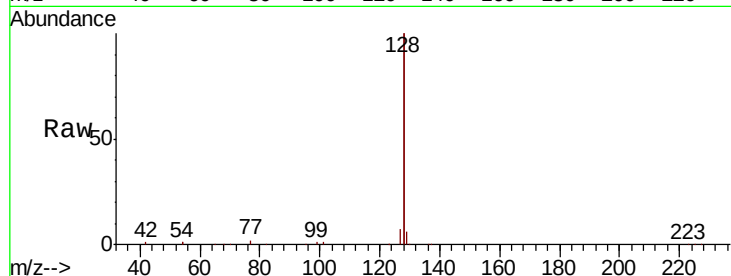
Tot Ion:128 Resp: 113652

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

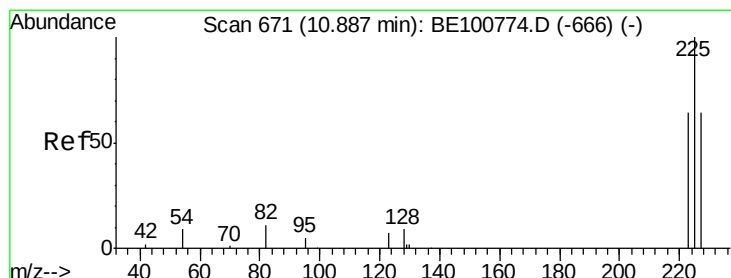
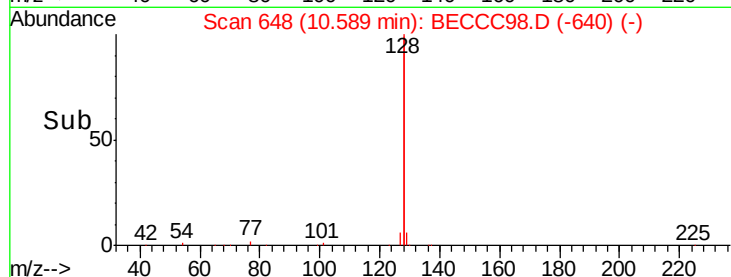
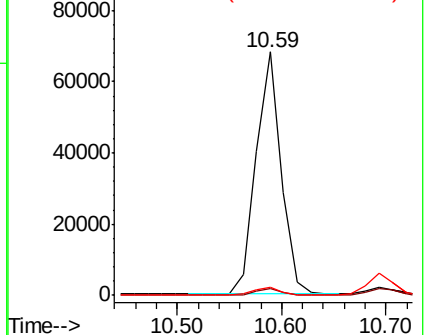
127 3.3 2.7 4.1



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: 0.376 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

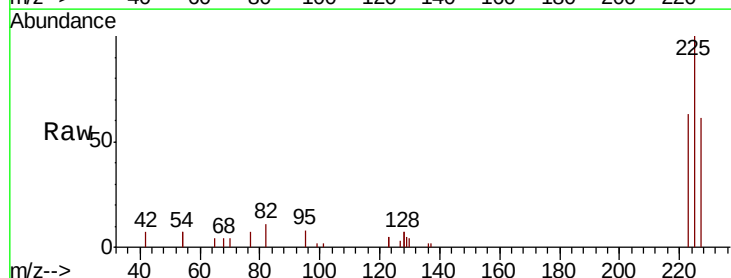
Tgt Ion:225 Resp: 4340

Ion Ratio Lower Upper

225 100

223 64.5 49.9 74.9

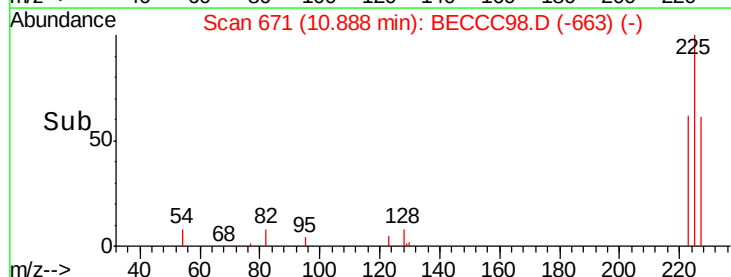
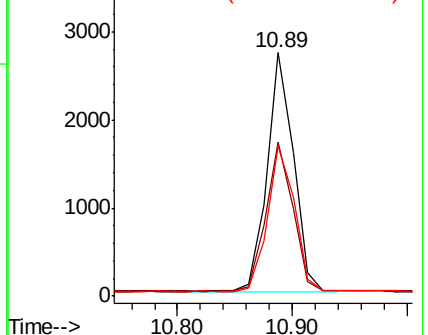
227 62.7 52.2 78.4

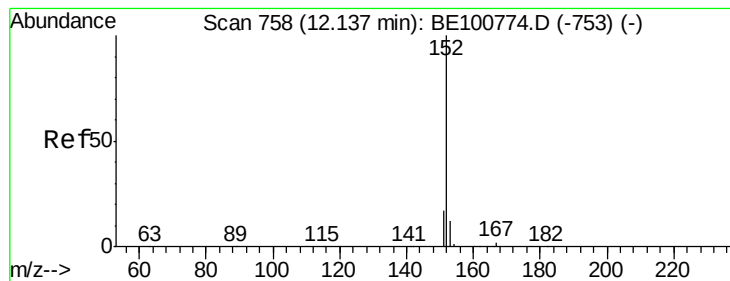


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.405 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

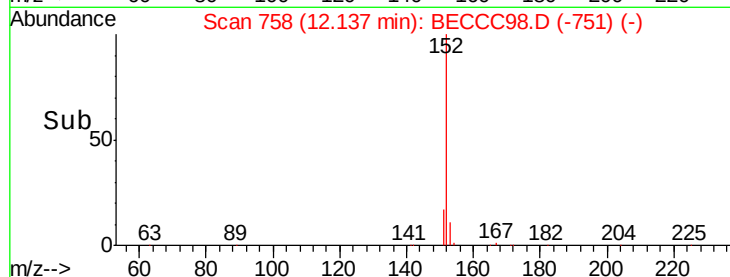
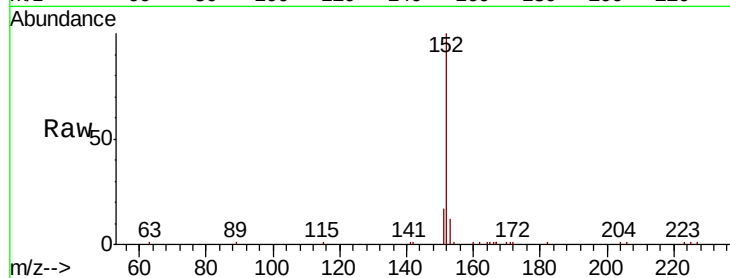
ClientSampleId :

Tot Ion:152 Resp: 16381

Ion Ratio Lower Upper

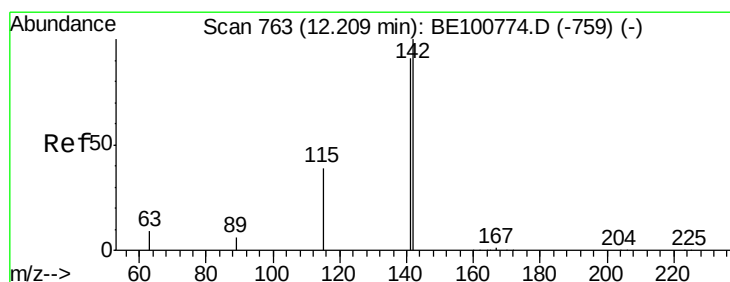
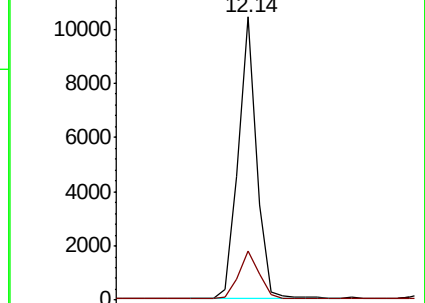
152 100

151 19.0 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.401 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

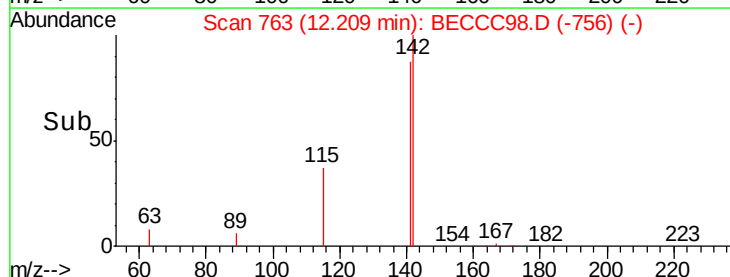
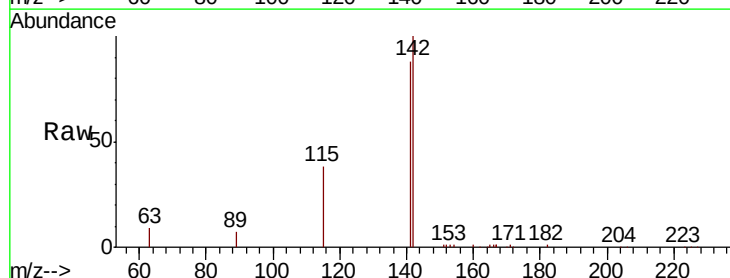
Tgt Ion:142 Resp: 18550

Ion Ratio Lower Upper

142 100

141 87.7 72.6 108.8

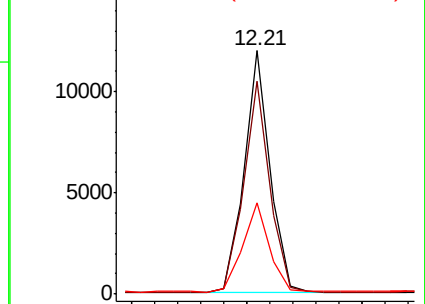
115 37.7 31.8 47.6

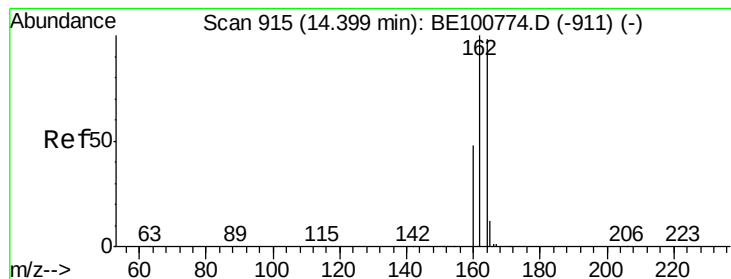


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

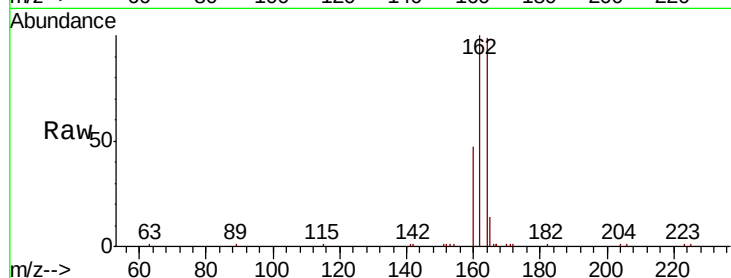
Tot Ion:164 Resp: 16953

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

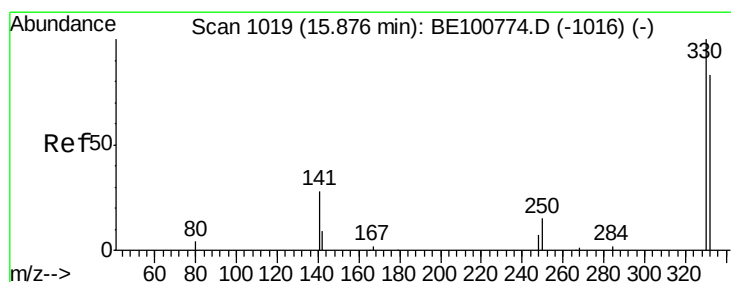
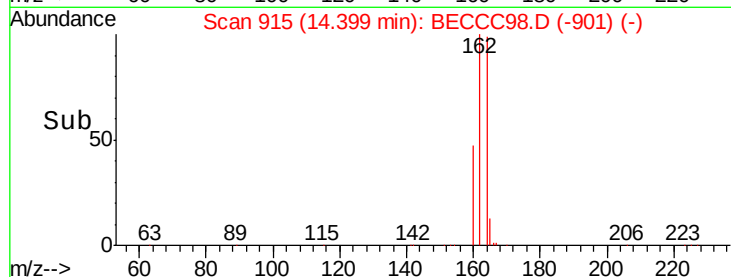
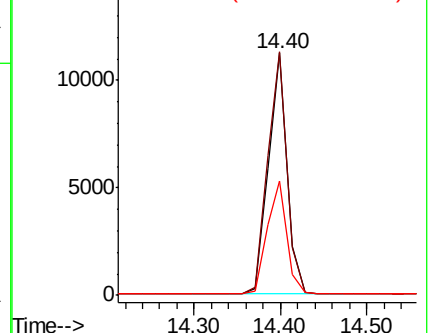
160 47.2 39.4 59.0



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: 0.877 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

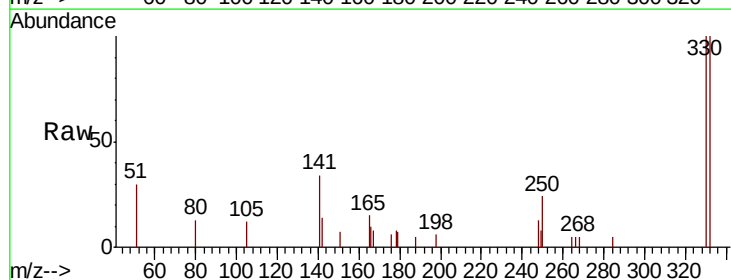
Tgt Ion:330 Resp: 1653

Ion Ratio Lower Upper

330 100

332 101.6 69.4 104.2

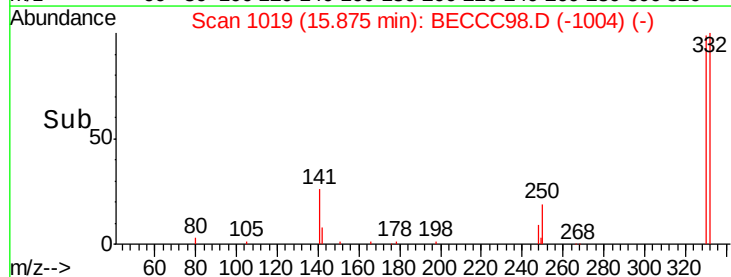
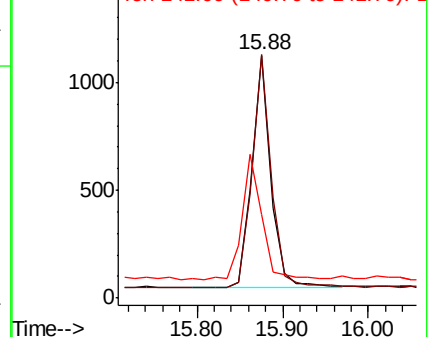
141 54.9 51.1 76.7

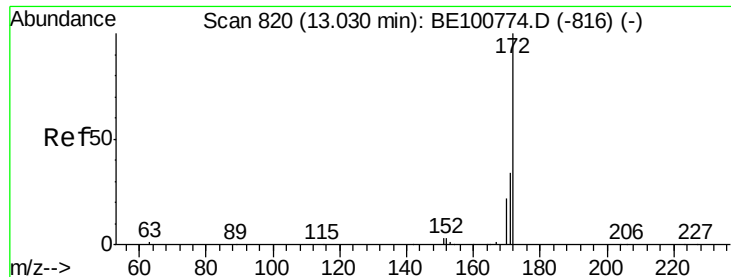


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

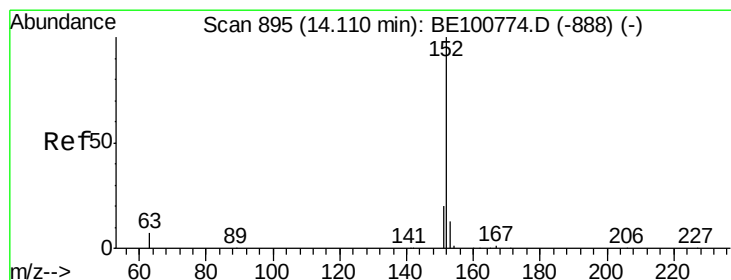
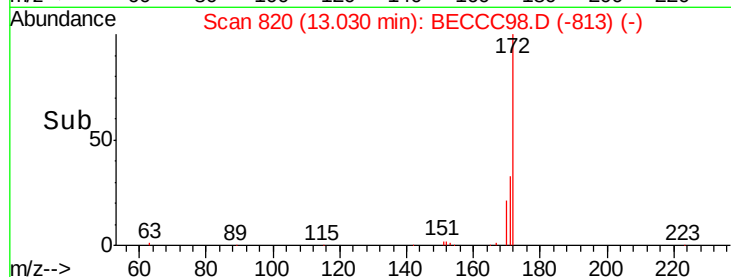
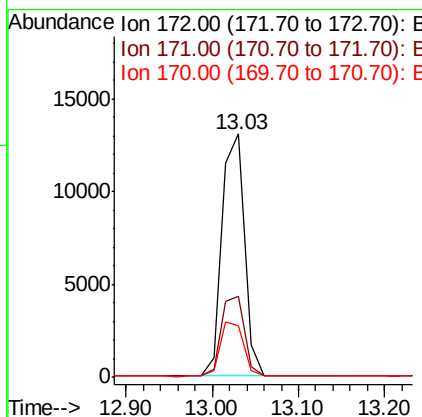
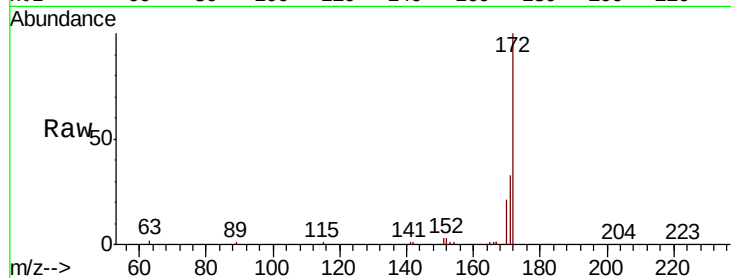




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

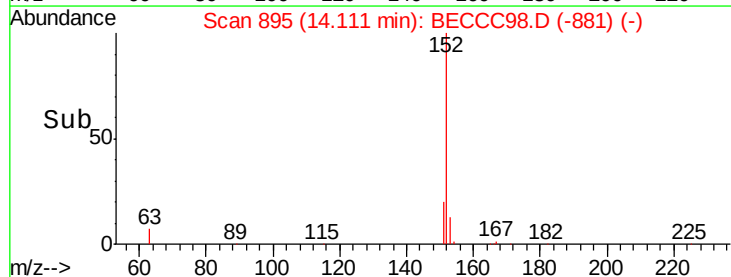
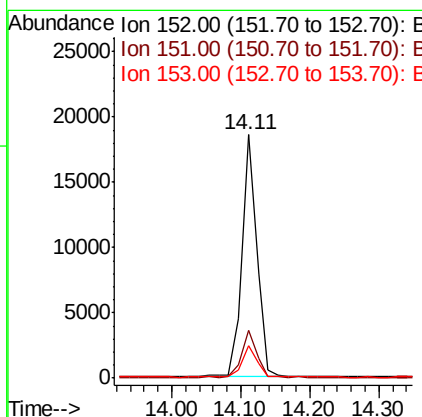
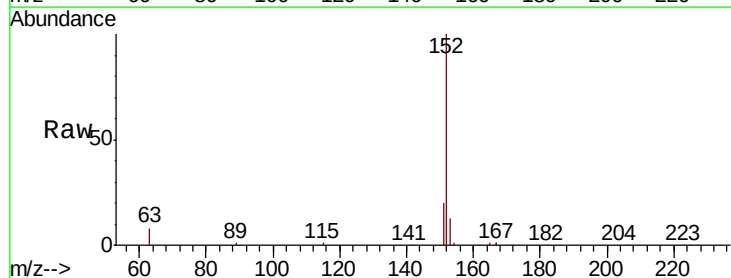
Instrument :
BNA_E
ClientSampleId :

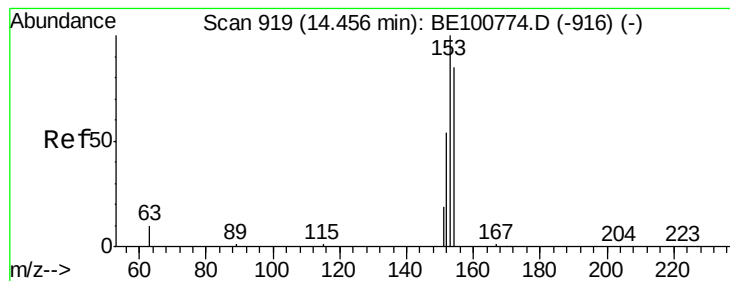
Tot Ion:172 Resp: 23677
Ion Ratio Lower Upper
172 100
171 33.2 27.2 40.8
170 21.2 18.0 27.0



#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:152 Resp: 27773
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.379 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

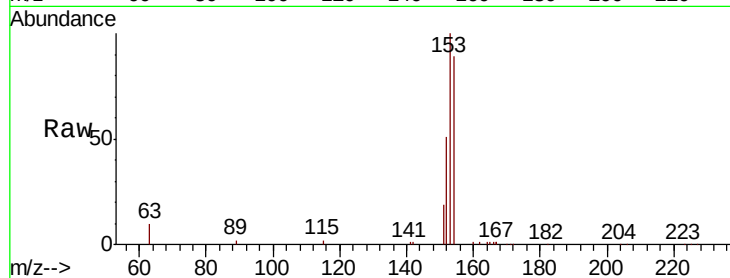
Tot Ion:154 Resp: 18307

Ion Ratio Lower Upper

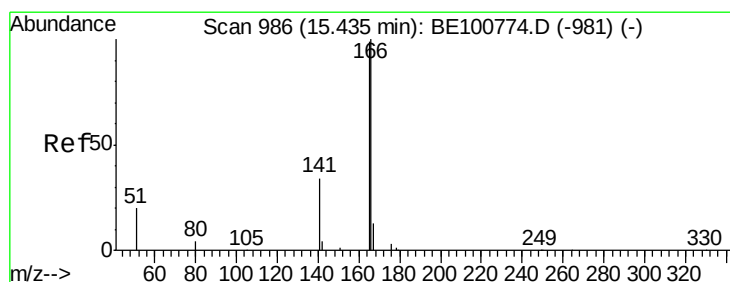
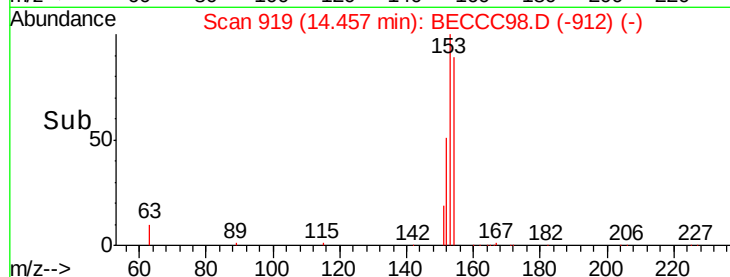
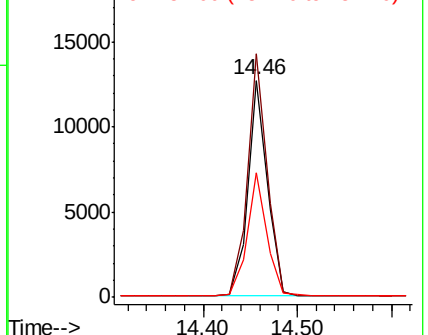
154 100

153 112.5 92.2 138.2

152 57.8 49.1 73.7



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: 0.372 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

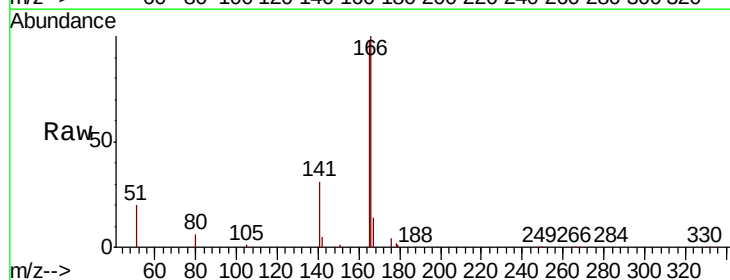
Tgt Ion:166 Resp: 23191

Ion Ratio Lower Upper

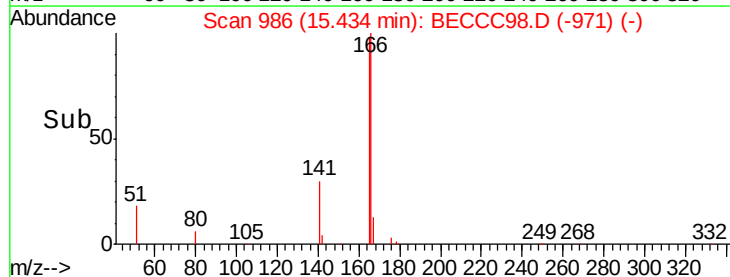
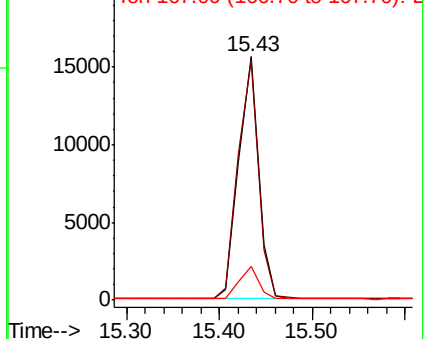
166 100

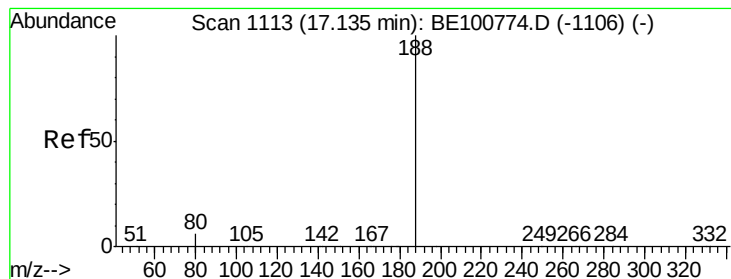
165 99.4 80.5 120.7

167 13.4 10.7 16.1



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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampled :

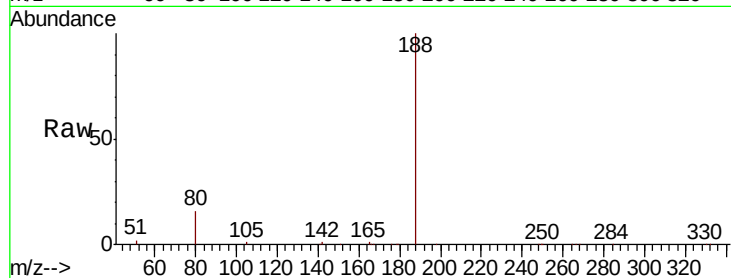
Tot Ion:188 Resp: 36408

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

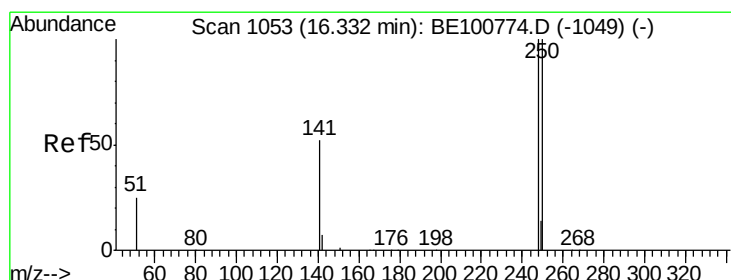
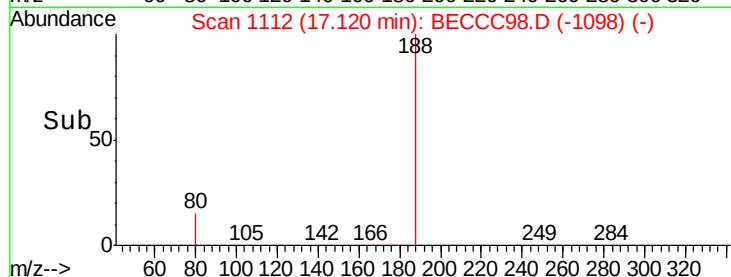
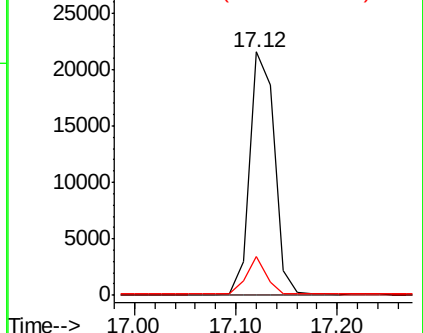
80 15.8 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BEC

Ion 80.00 (79.70 to 80.70): BEC



#20

4-Bromophenyl-phenylether

Concen: 0.383 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

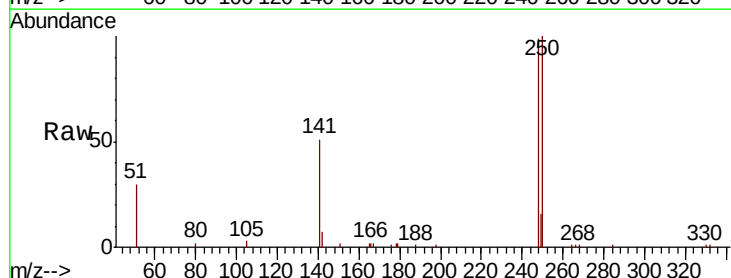
Tgt Ion:248 Resp: 6847

Ion Ratio Lower Upper

248 100

250 101.0 80.5 120.7

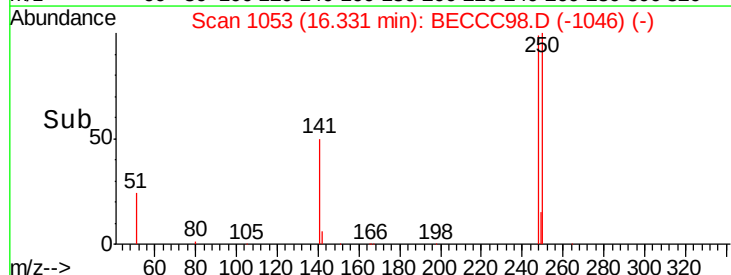
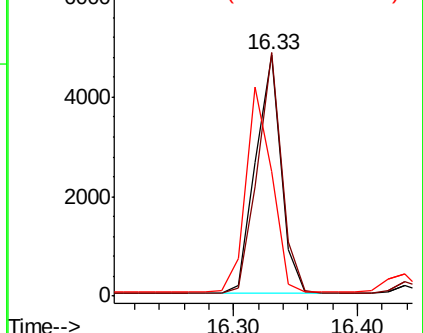
141 51.7 42.6 64.0

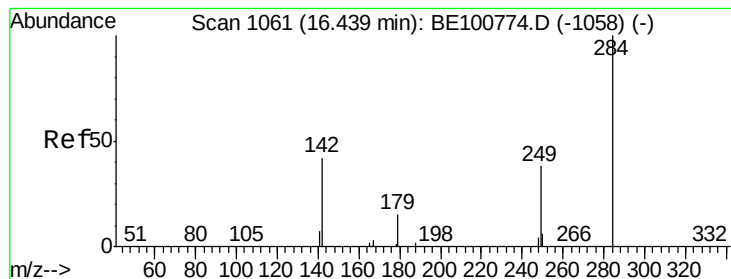


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.377 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

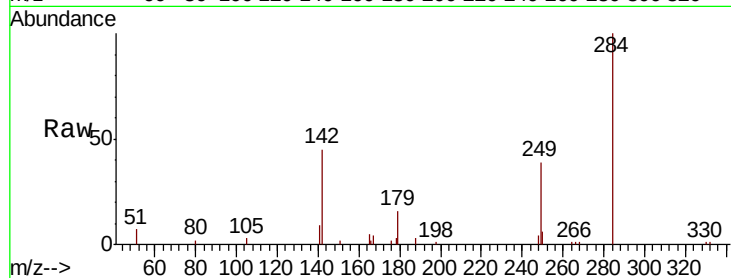
Tot Ion:284 Resp: 7322

Ion Ratio Lower Upper

284 100

142 43.5 34.4 51.6

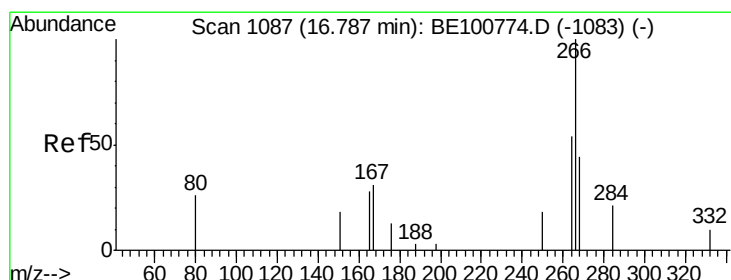
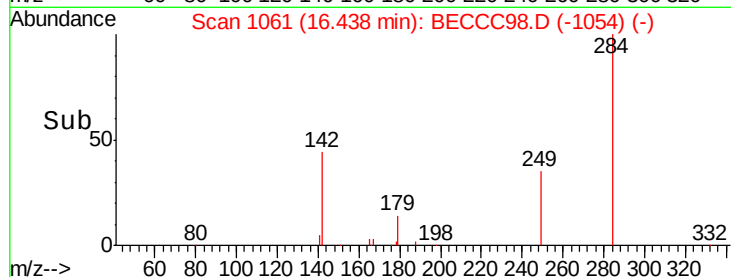
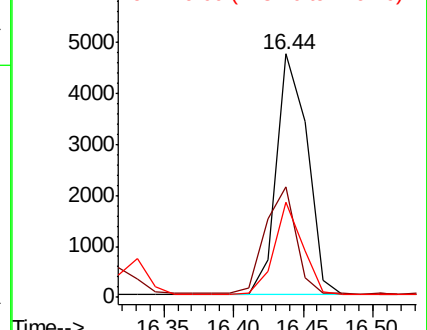
249 35.0 28.5 42.7



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: 1.017 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

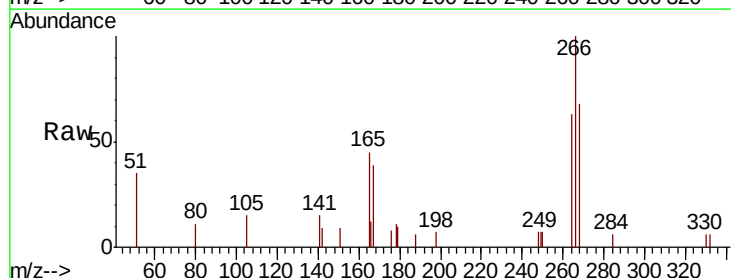
Tgt Ion:266 Resp: 1365

Ion Ratio Lower Upper

266 100

264 62.9 63.4 95.0#

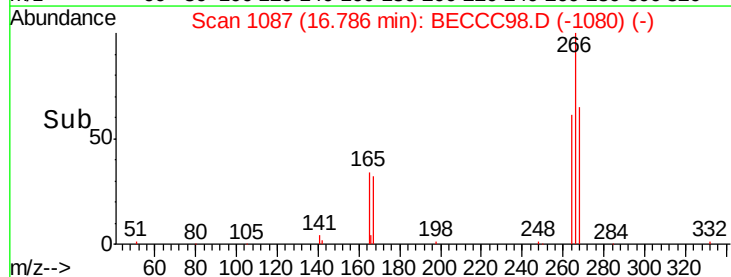
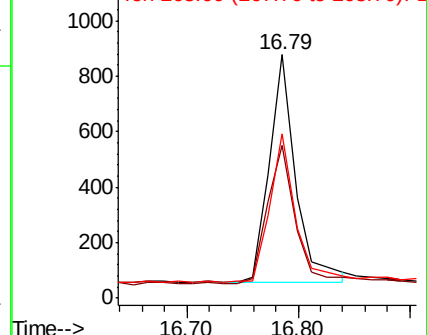
268 67.7 65.8 98.8

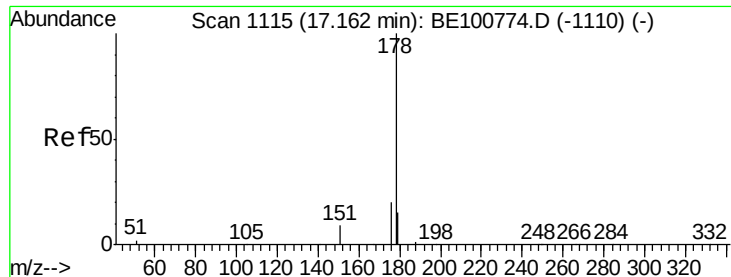


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.377 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

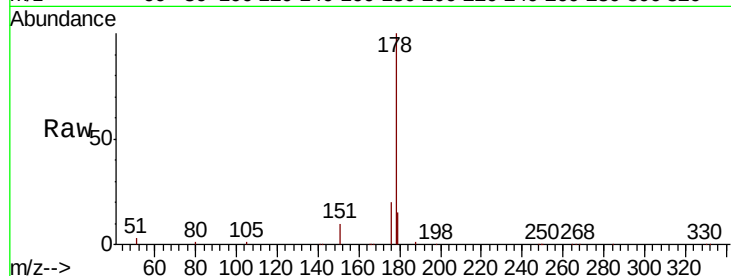
Tot Ion:178 Resp: 41592

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

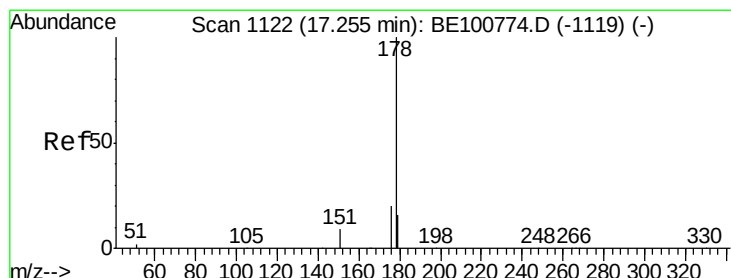
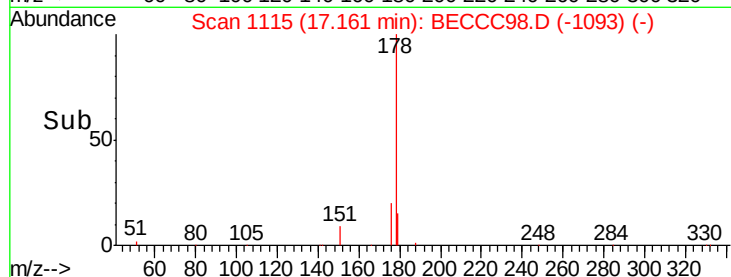
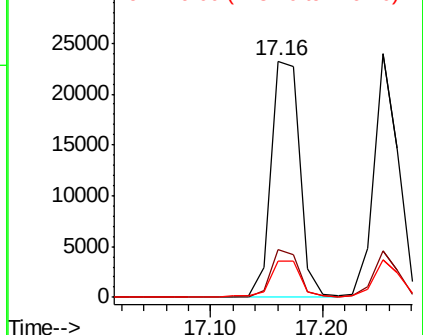
179 15.3 12.3 18.5



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: 0.391 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

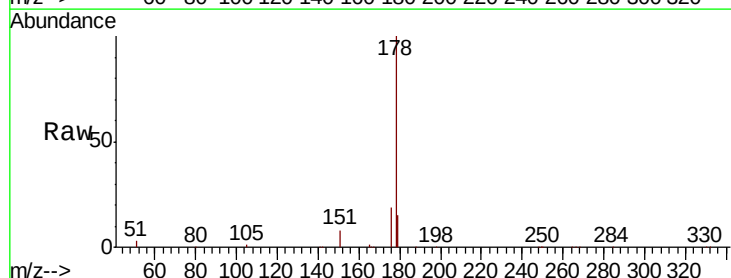
Tgt Ion:178 Resp: 36080

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

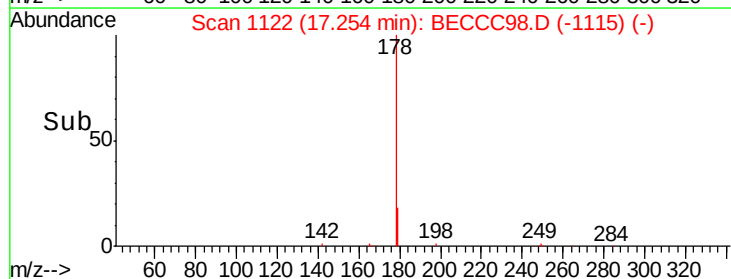
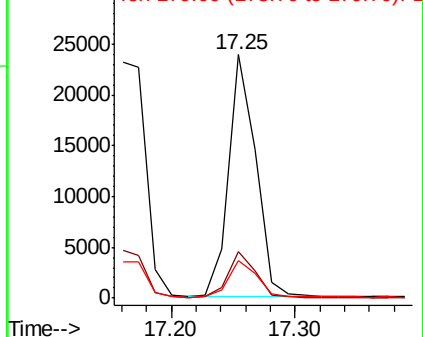
179 15.4 12.7 19.1

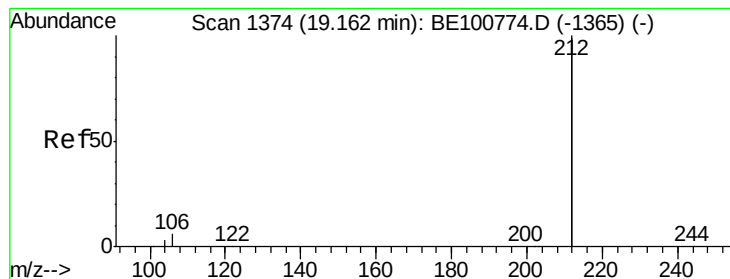


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

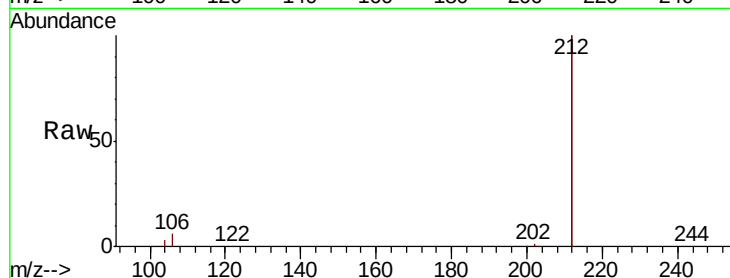
Tot Ion:212 Resp: 156719

Ion Ratio Lower Upper

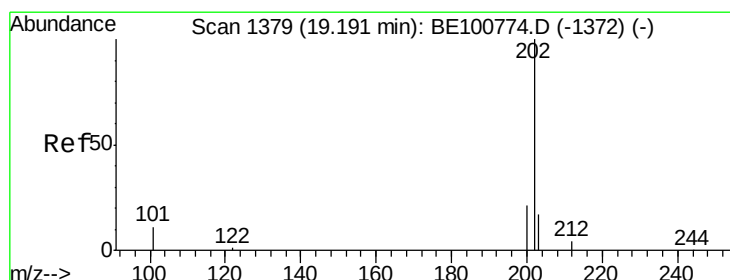
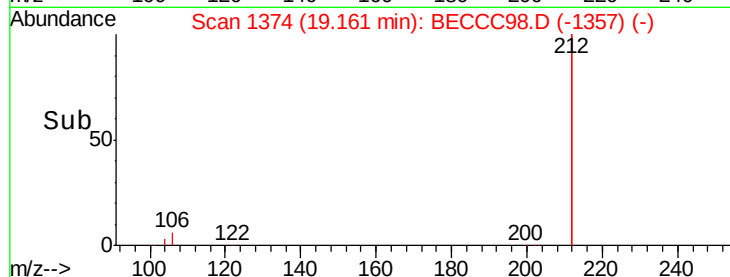
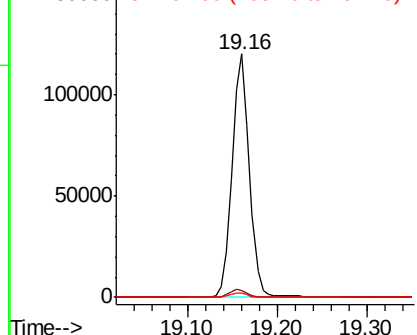
212 100

106 3.4 2.6 3.8

104 1.9 1.4 2.2



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: 0.355 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

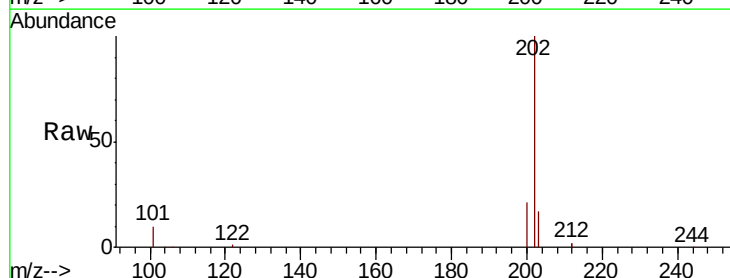
Tgt Ion:202 Resp: 46767

Ion Ratio Lower Upper

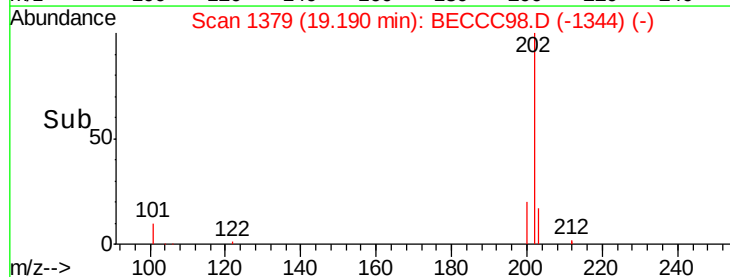
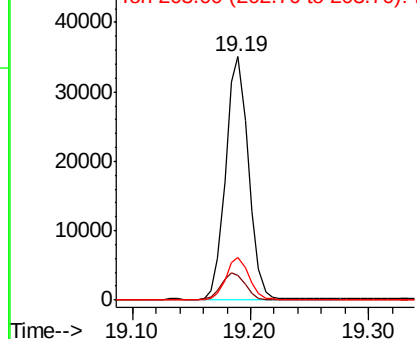
202 100

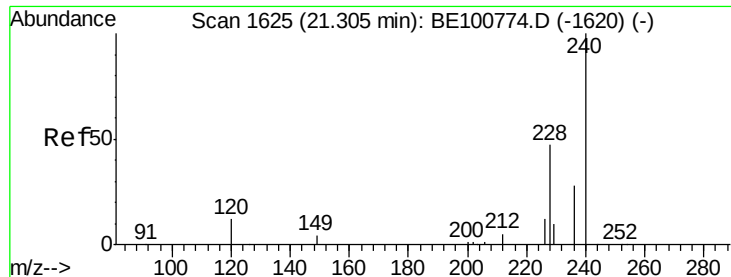
101 11.6 9.1 13.7

203 17.1 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

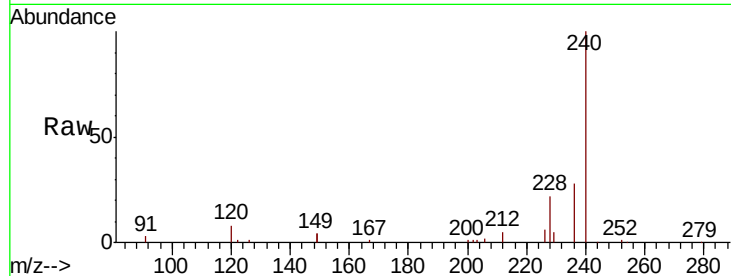




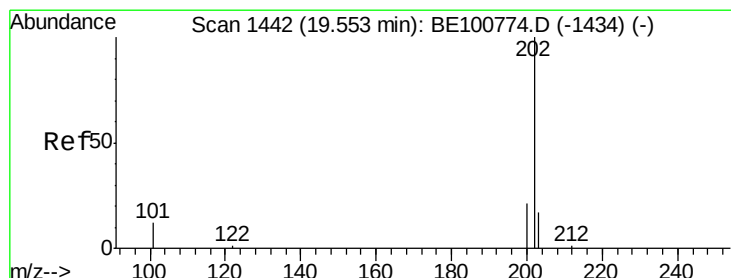
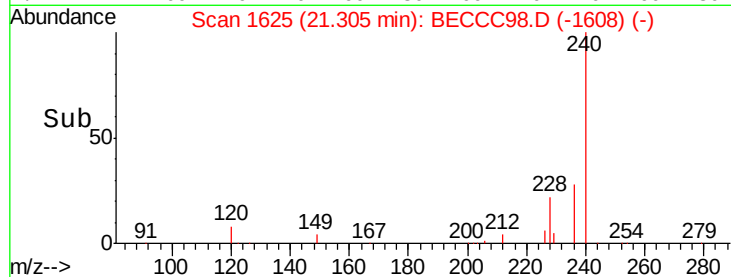
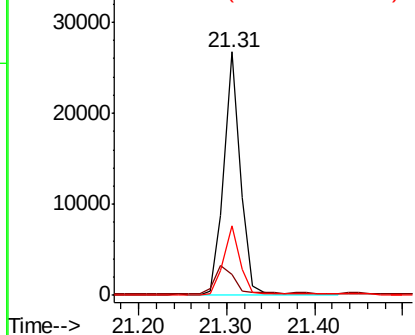
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 34839
Ion Ratio Lower Upper
240 100
120 8.4 10.2 15.2#
236 28.4 22.3 33.5

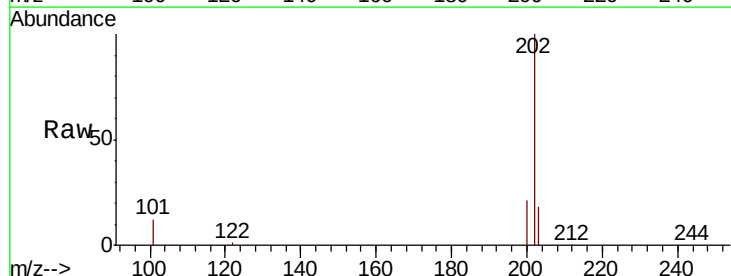


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

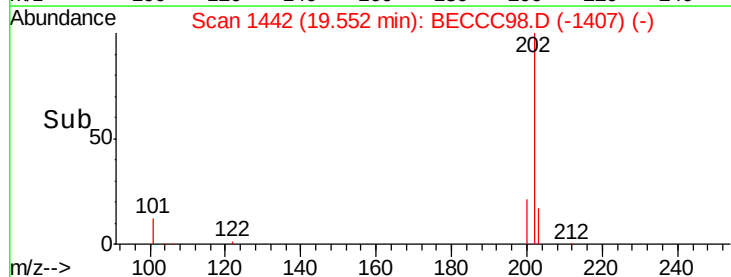
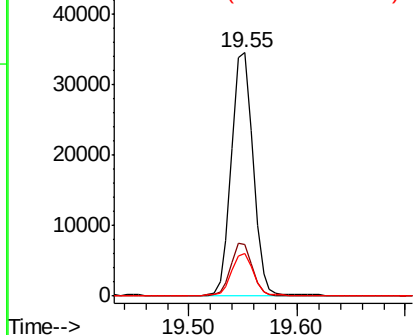


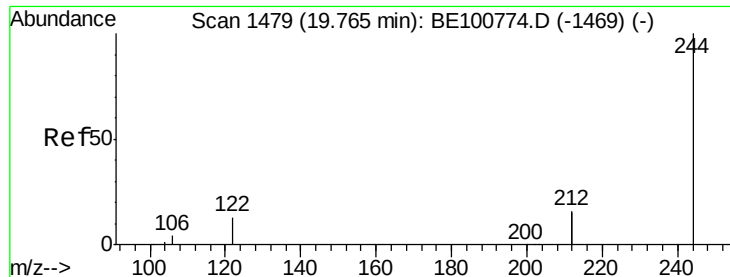
#28
Pyrene
Concen: 0.418 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:202 Resp: 47370
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.4 13.9 20.9



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

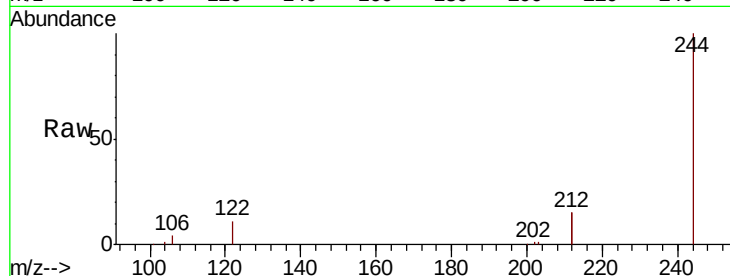




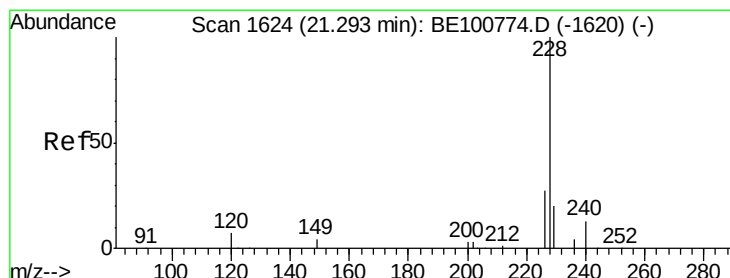
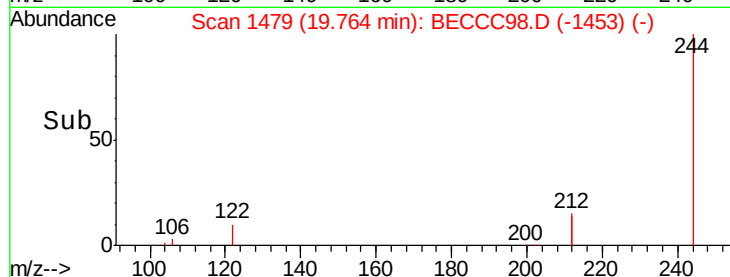
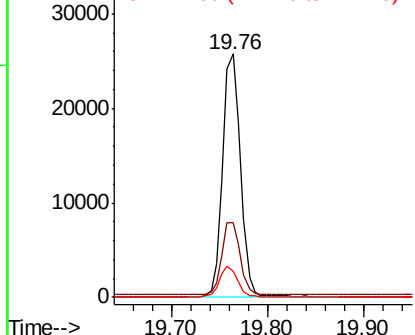
#29
 Terphenyl-d14
 Concen: 0.397 ng
 RT: 19.76 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BECCC98.D
 Acq: 5 Dec 2019 20:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 33111
 Ion Ratio Lower Upper
 244 100
 212 30.6 26.2 39.4
 122 10.8 10.2 15.4

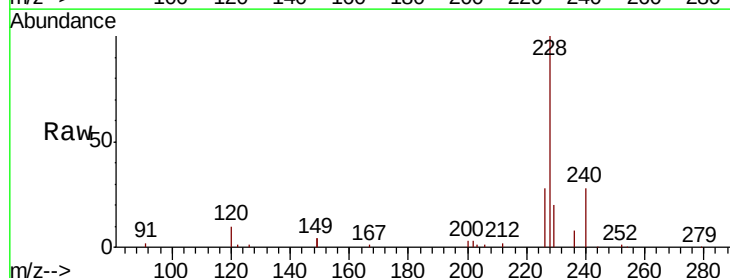


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

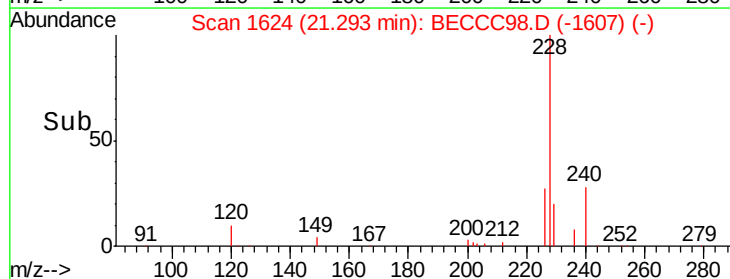
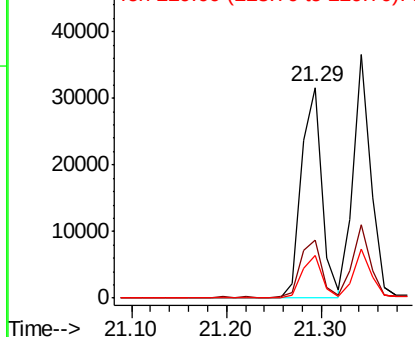


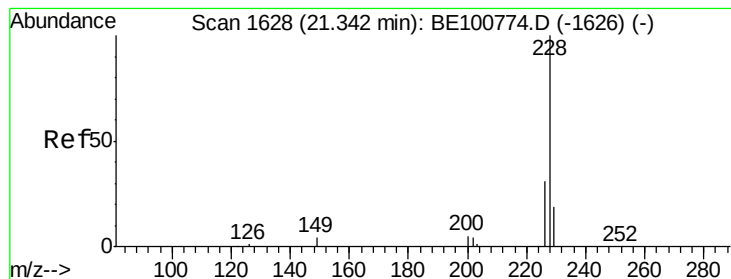
#30
 Benzo(a)anthracene
 Concen: 0.453 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BECCC98.D
 Acq: 5 Dec 2019 20:44

Tgt Ion:228 Resp: 46534
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.5 32.3
 229 20.3 16.0 24.0



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: 0.388 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampled :

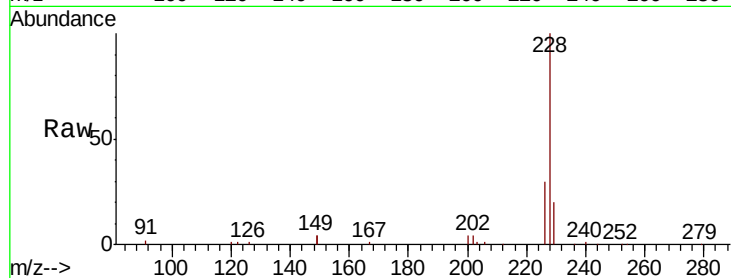
Tot Ion:228 Resp: 46842

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

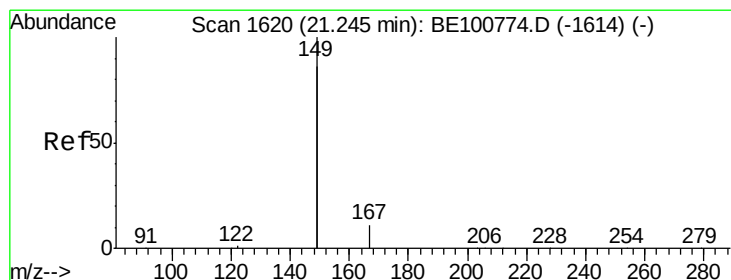
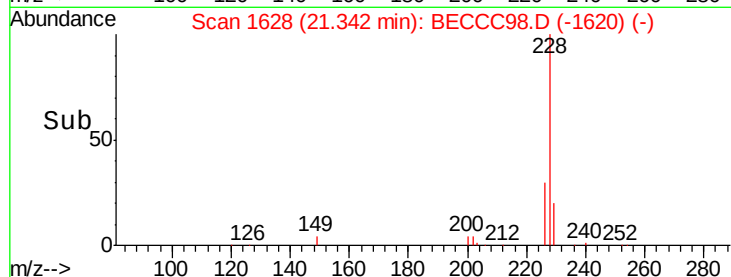
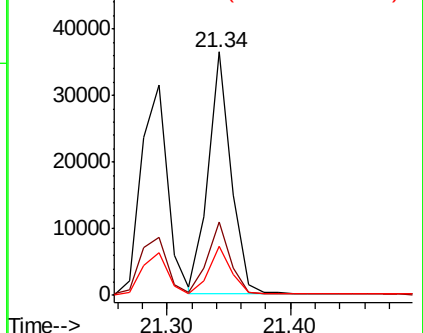
229 20.0 15.4 23.2



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: 1.258 ng

RT: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

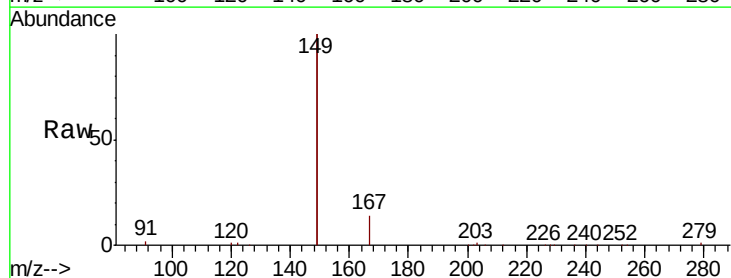
Tgt Ion:149 Resp: 105563

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.6

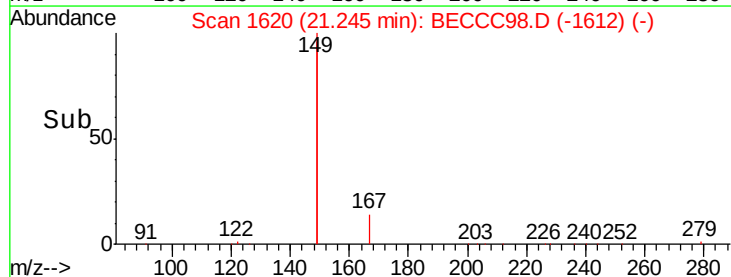
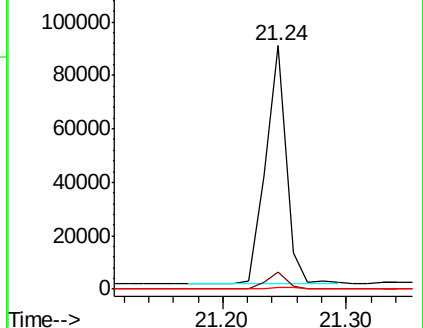
279 0.8 0.7 1.1

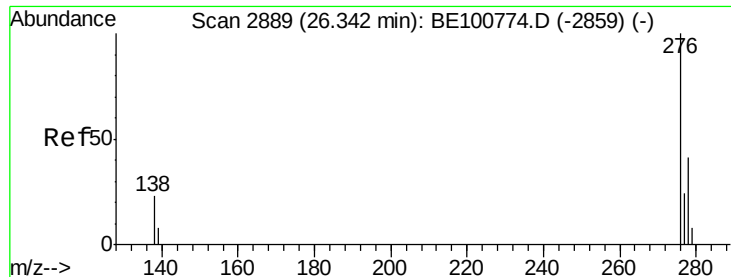


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

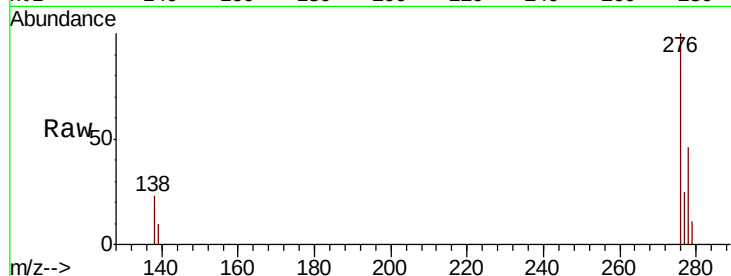




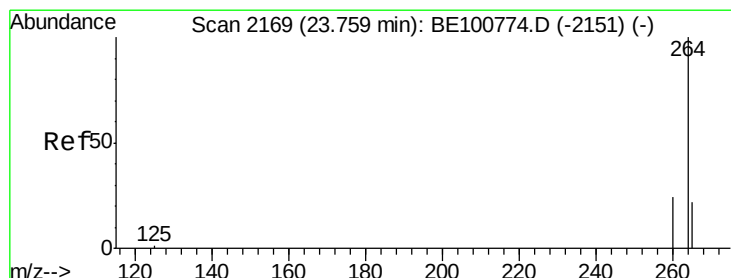
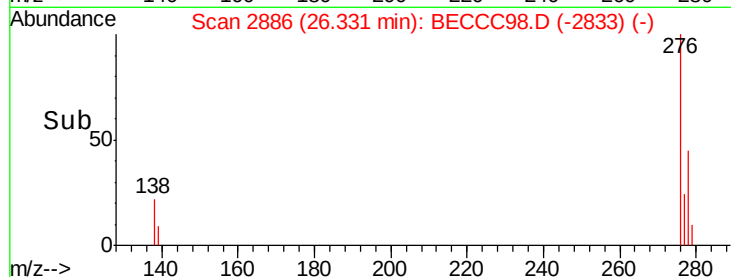
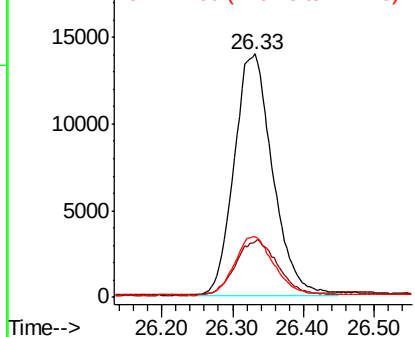
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng
RT: 26.33 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 52826
Ion Ratio Lower Upper
276 100
138 24.4 19.4 29.0
277 24.8 19.8 29.6

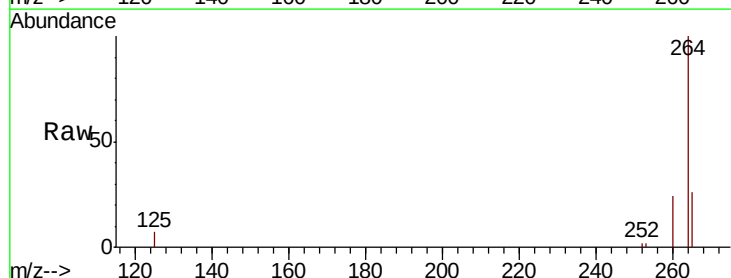


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

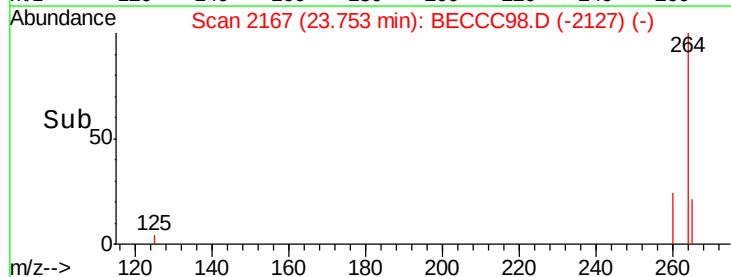
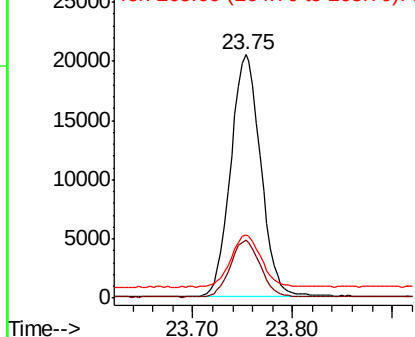


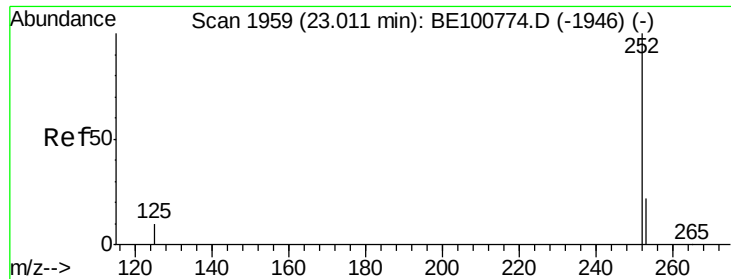
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BECCC98.D
Acq: 5 Dec 2019 20:44

Tgt Ion:264 Resp: 43048
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 26.1 21.8 32.8



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: 0.398 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :

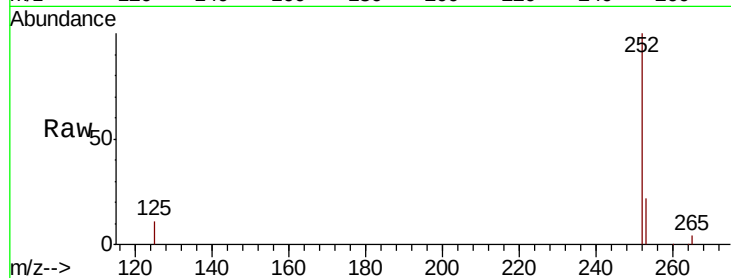
Tot Ion:252 Resp: 46954

Ion Ratio Lower Upper

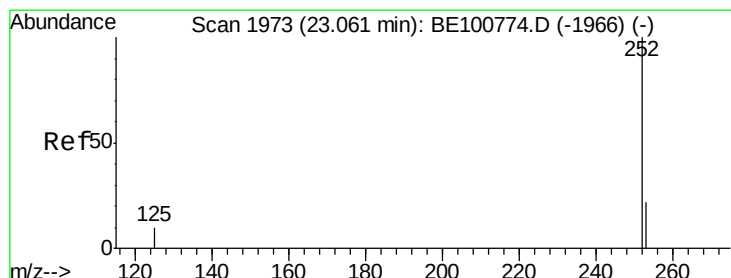
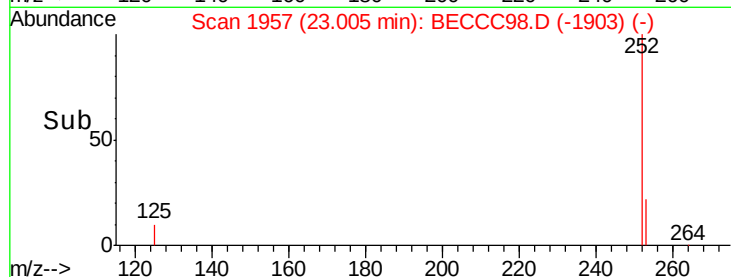
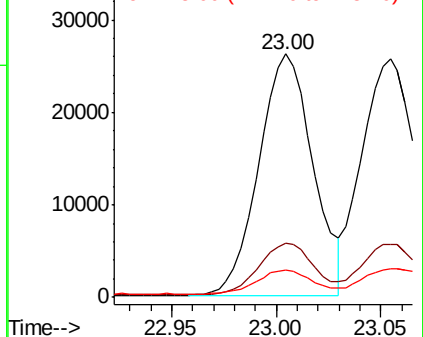
252 100

253 22.5 17.8 26.8

125 11.4 9.0 13.4



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



#36

Benzo(k)fluoranthene

Concen: 0.359 ng

RT: 23.05 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

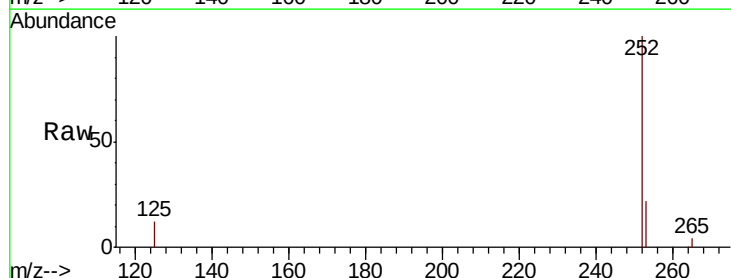
Tgt Ion:252 Resp: 47432

Ion Ratio Lower Upper

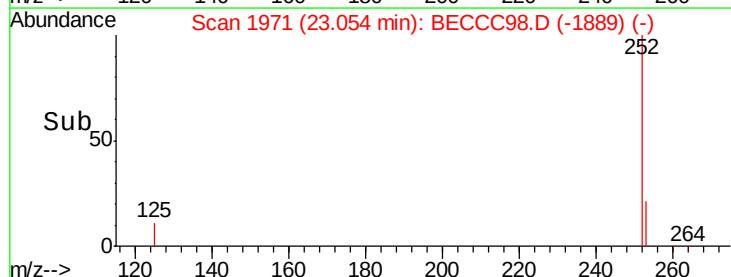
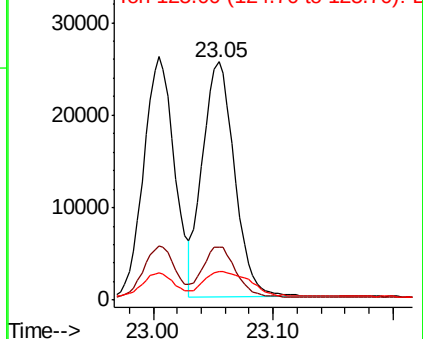
252 100

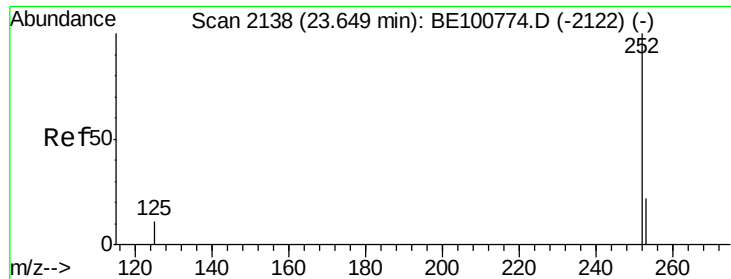
253 22.4 17.8 26.8

125 12.2 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.64 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampled :

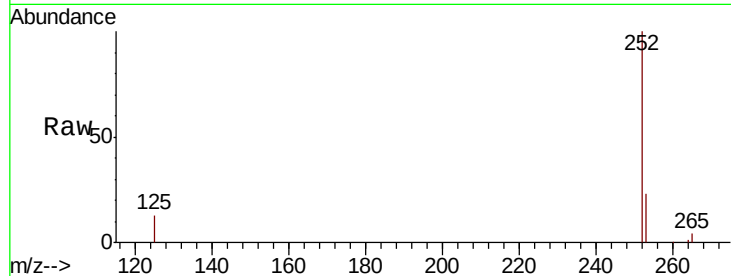
Tot Ion:252 Resp: 43448

Ion Ratio Lower Upper

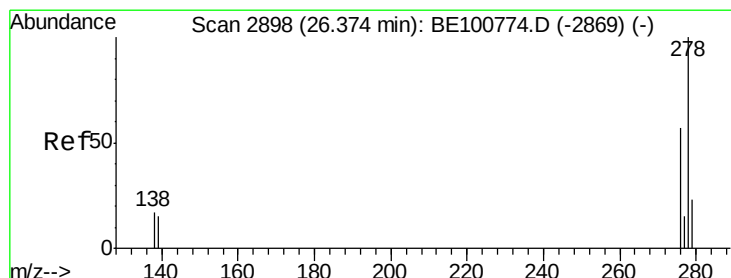
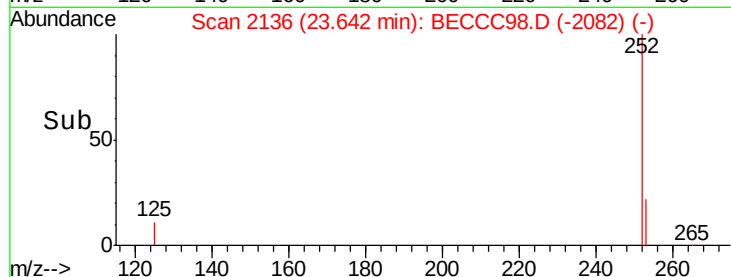
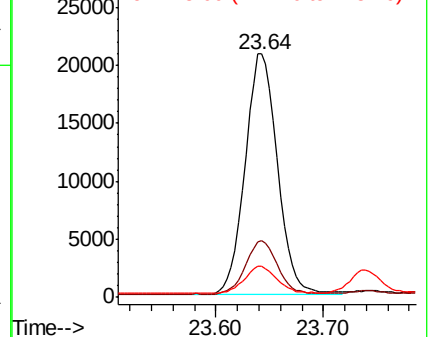
252 100

253 23.2 18.2 27.4

125 12.7 10.4 15.6



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: 0.422 ng

RT: 26.36 min Scan# 2893

Delta R.T. -0.02 min

Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

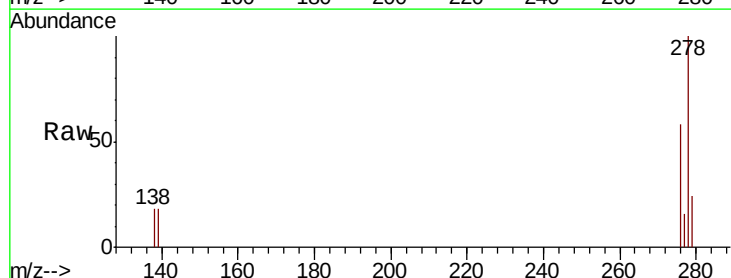
Tgt Ion:278 Resp: 42850

Ion Ratio Lower Upper

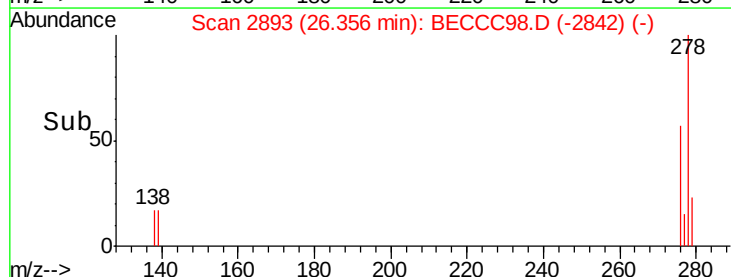
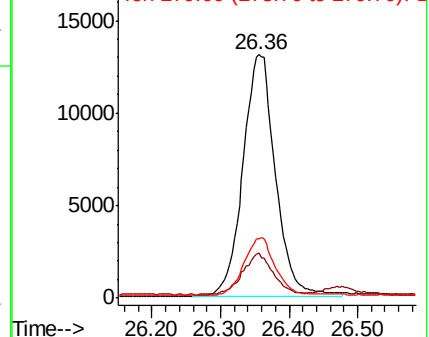
278 100

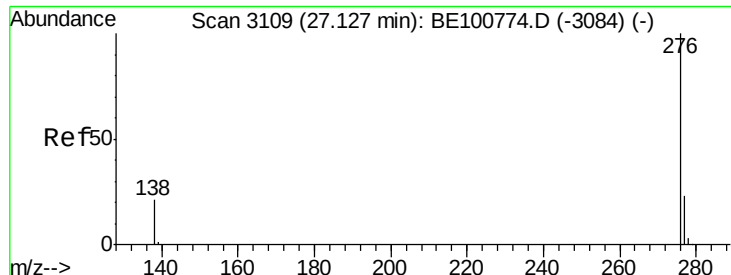
139 18.4 13.0 19.4

279 24.1 19.6 29.4



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: 0.404 ng

RT: 27.11 min Scan# 3105

Delta R.T. -0.01 min

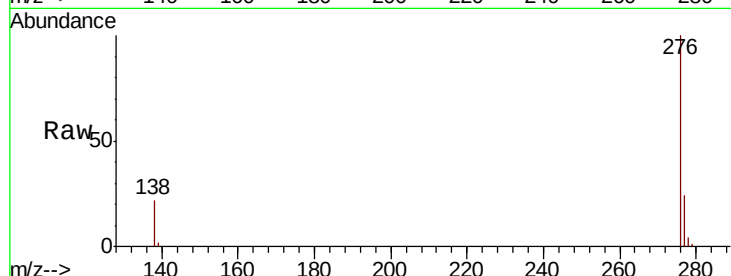
Lab File: BECCC98.D

Acq: 5 Dec 2019 20:44

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 43890

Ion Ratio Lower Upper

276 100

277 24.4 19.3 28.9

138 22.3 17.8 26.6

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

