

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BECCC28.D
 Acq On : 16 Dec 2019 20:41
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 17 06:21:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4233	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	19638	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11174	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	26266	0.40	ng	0.00
27) Chrysene-d12	21.29	240	22564	0.40	ng	-0.01
34) Perylene-d12	23.74	264	26775	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	4734	0.47	ng	0.00
5) Phenol-d6	6.93	99	6977	0.46	ng	0.00
8) Nitrobenzene-d5	8.90	82	5279	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	12072	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	873	0.70	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	16924	0.38	ng	0.00
25) Fluoranthene-d10	19.15	212	113465	0.37	ng	0.00
29) Terphenyl-d14	19.75	244	23358	0.43	ng	0.00

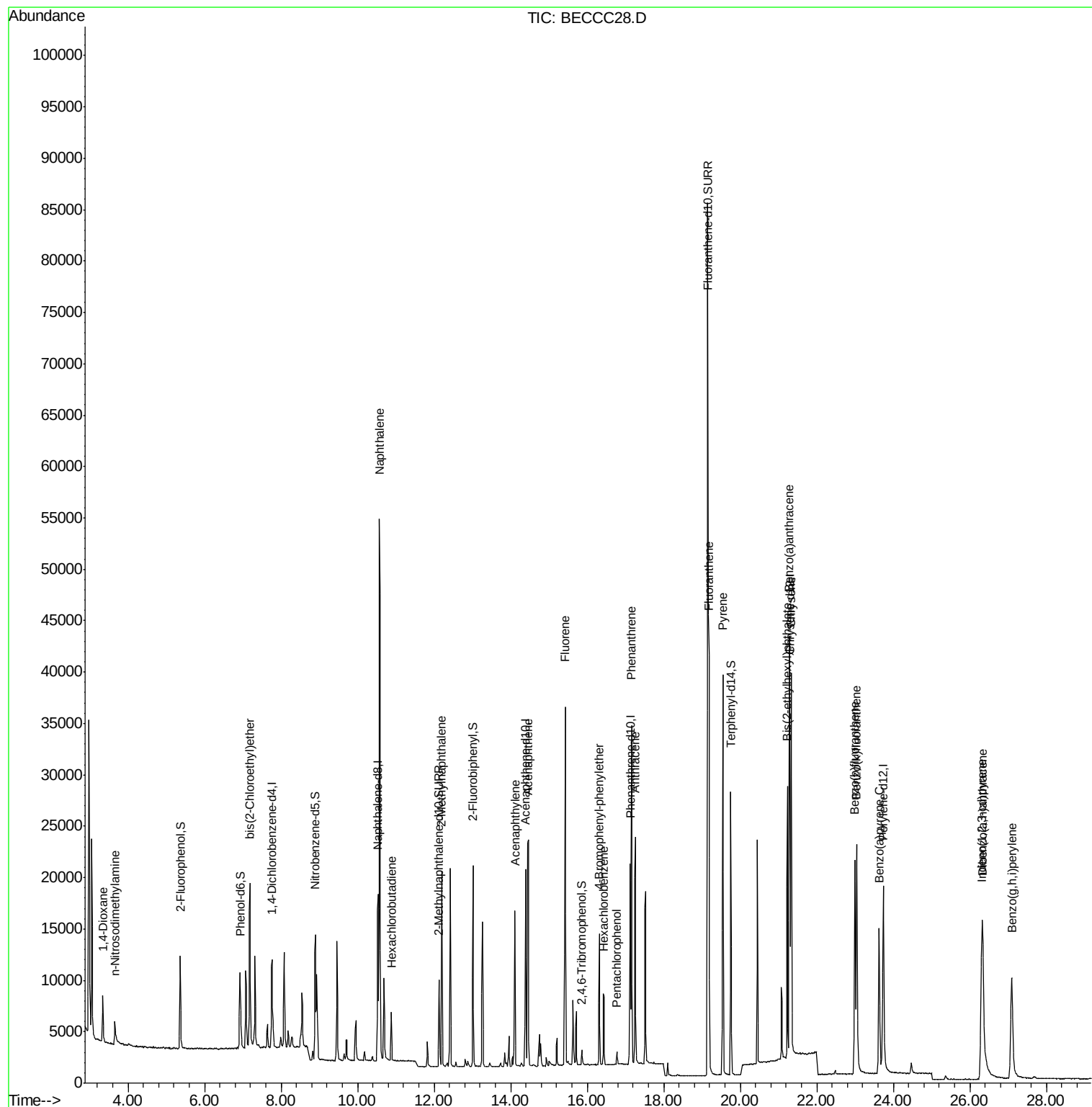
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3416	0.443	ng	97
3) n-Nitrosodimethylamine	3.65	42	2713	0.432	ng	# 99
6) bis(2-Chloroethyl)ether	7.18	93	6353	0.434	ng	98
9) Naphthalene	10.57	128	90372	0.433	ng	100
10) Hexachlorobutadiene	10.89	225	3465	0.426	ng	96
12) 2-Methylnaphthalene	12.20	142	13902	0.427	ng	90
16) Acenaphthylene	14.11	152	19910	0.431	ng	99
17) Acenaphthene	14.46	154	13460	0.422	ng	98
18) Fluorene	15.42	166	17730	0.432	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	5181	0.402	ng	89
21) Hexachlorobenzene	16.44	284	5865	0.419	ng	100
22) Pentachlorophenol	16.77	266	741	0.765	ng	93
23) Phenanthrene	17.16	178	33472	0.421	ng	99
24) Anthracene	17.25	178	26991	0.406	ng	99
26) Fluoranthene	19.18	202	35766	0.377	ng	100
28) Pyrene	19.54	202	35173	0.480	ng	100
30) Benzo(a)anthracene	21.28	228	29968	0.451	ng	100
31) Chrysene	21.33	228	35019	0.448	ng	99
32) Bis(2-ethylhexyl)phthalate	21.23	149	31958	0.671	ng	99
33) Indeno(1,2,3-cd)pyrene	26.31	276	30731	0.451	ng	100
35) Benzo(b)fluoranthene	22.99	252	28989	0.395	ng	99
36) Benzo(k)fluoranthene	23.04	252	33883	0.412	ng	99
37) Benzo(a)pyrene	23.63	252	26407	0.416	ng	99
38) Dibenzo(a,h)anthracene	26.34	278	24582	0.389	ng	99
39) Benzo(g,h,i)perylene	27.09	276	27392	0.406	ng	99

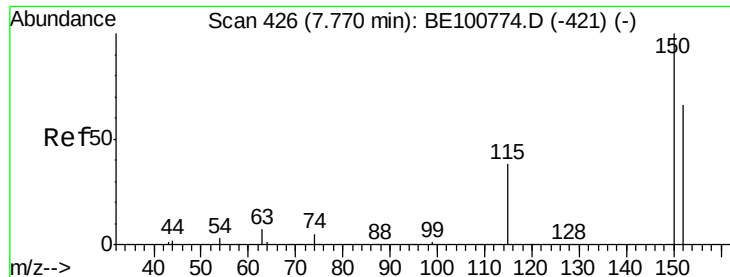
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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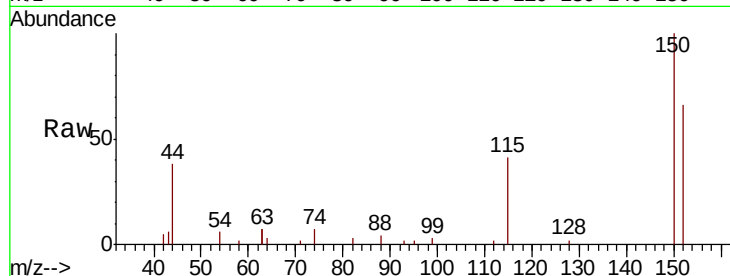


#1

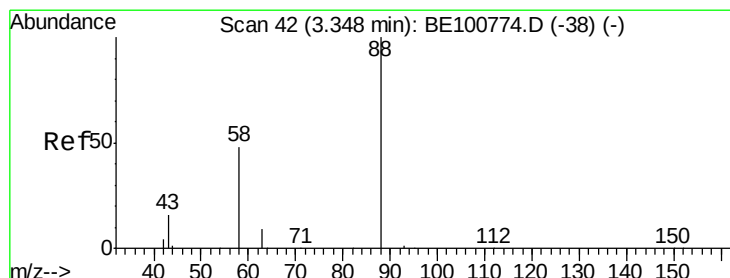
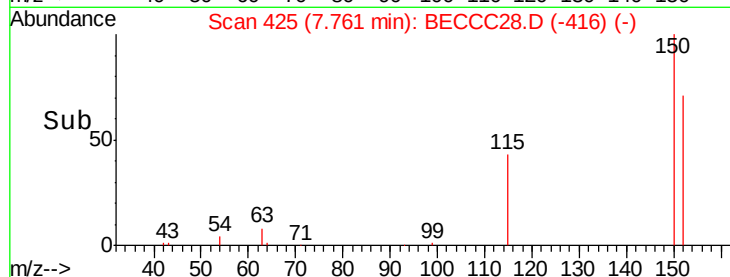
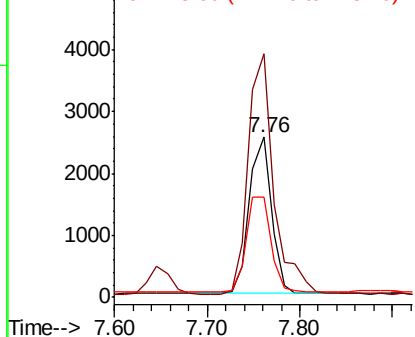
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BECCC28.D
Acq: 16 Dec 2019 20:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4233
Ion Ratio Lower Upper
152 100
150 152.4 125.5 188.3
115 62.8 55.7 83.5



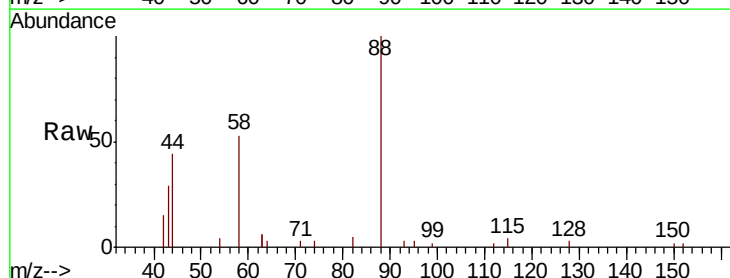
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



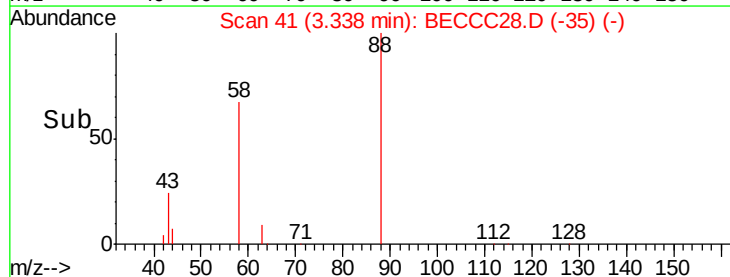
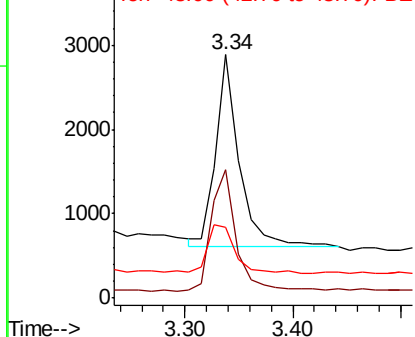
#2

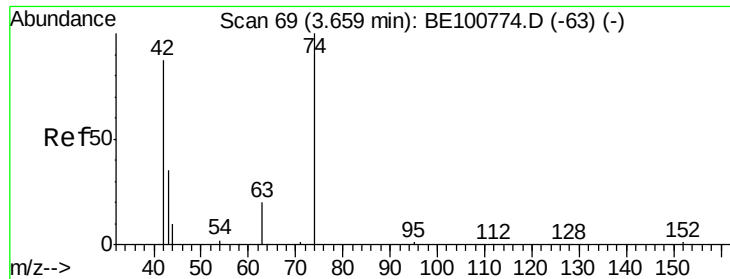
1,4-Dioxane
Concen: 0.443 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BECCC28.D
Acq: 16 Dec 2019 20:41

Tgt Ion: 88 Resp: 3416
Ion Ratio Lower Upper
88 100
58 68.4 52.3 78.5
43 29.2 23.5 35.3



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: 0.432 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

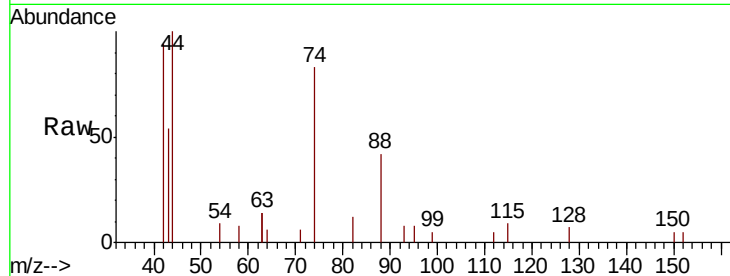
Tot Ion: 42 Resp: 2713

Ion Ratio Lower Upper

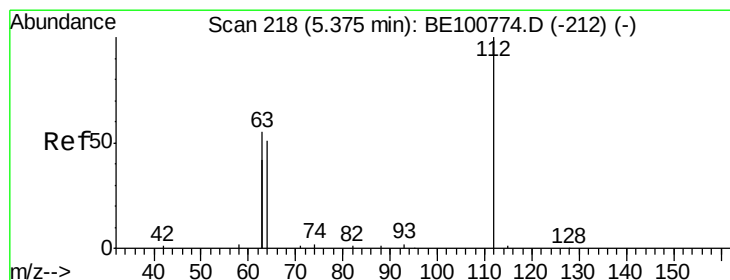
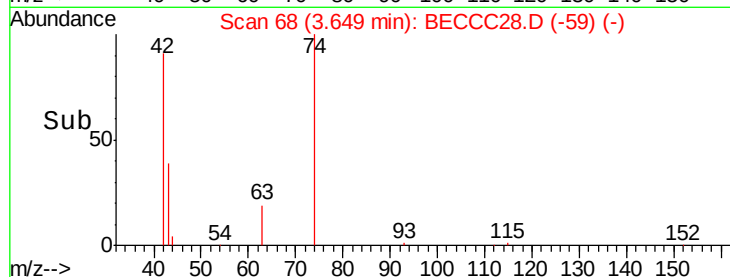
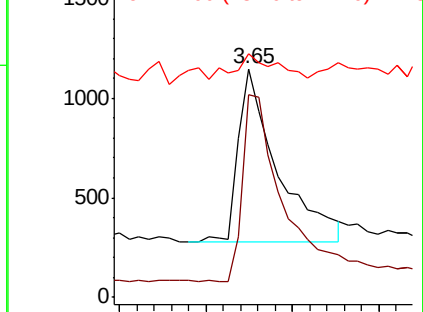
42 100

74 112.8 90.3 135.5

44 14.7 9.0 13.4#



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: 0.471 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

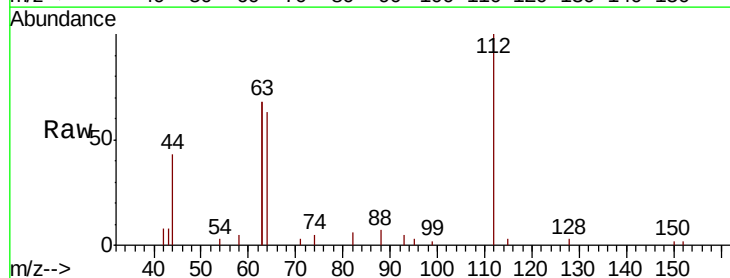
Tgt Ion: 112 Resp: 4734

Ion Ratio Lower Upper

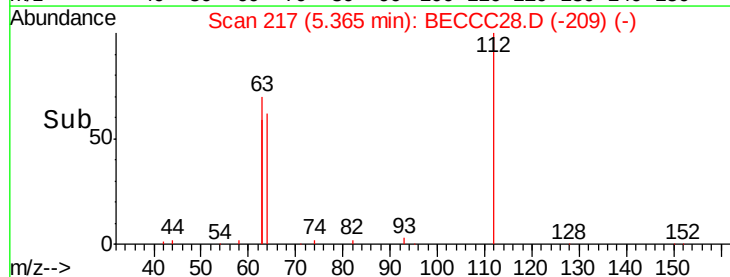
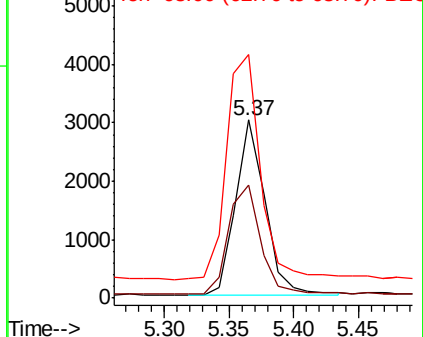
112 100

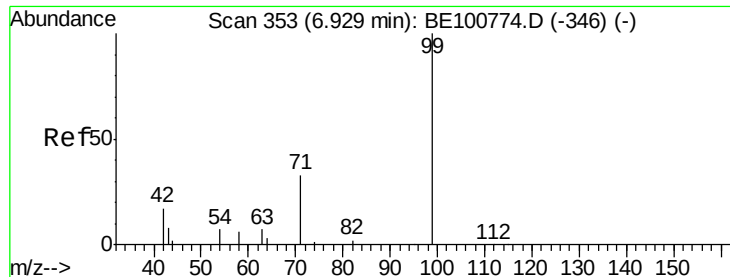
64 68.0 54.5 81.7

63 146.7 116.1 174.1



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: 0.460 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

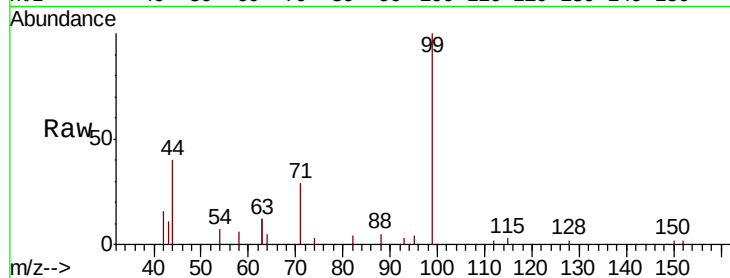
Tot Ion: 99 Resp: 6977

Ion Ratio Lower Upper

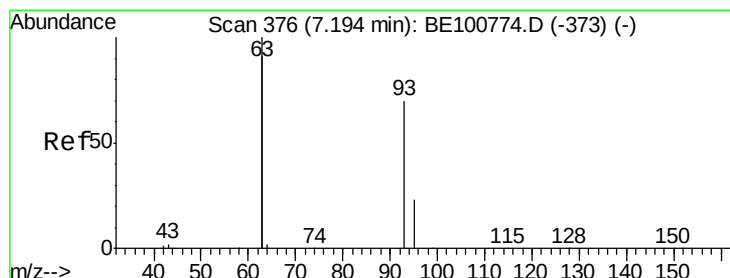
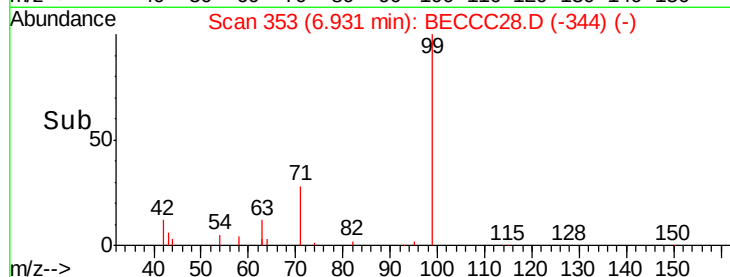
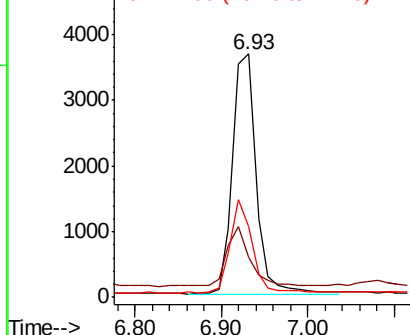
99 100

42 23.4 18.2 27.2

71 35.8 29.1 43.7



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: 0.434 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

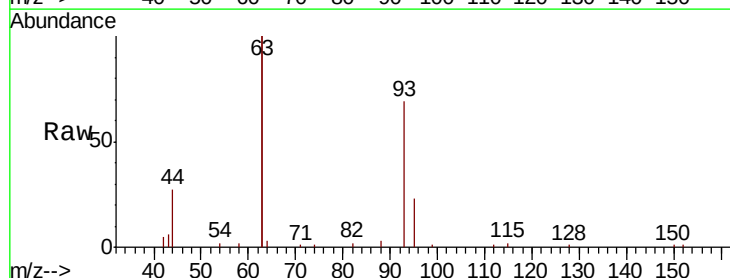
Tgt Ion: 93 Resp: 6353

Ion Ratio Lower Upper

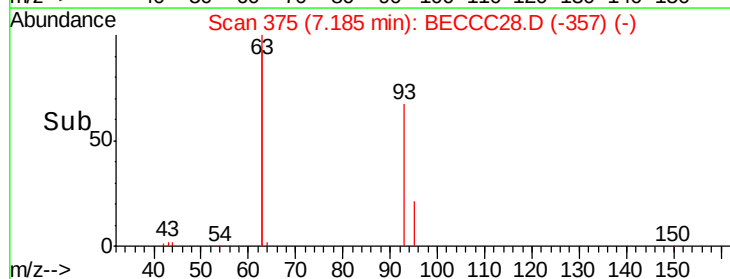
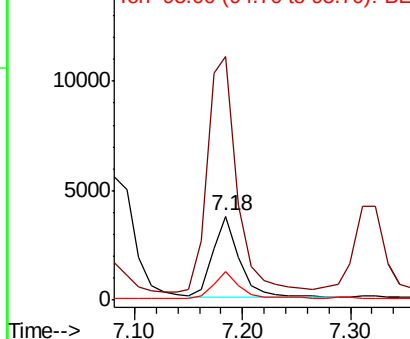
93 100

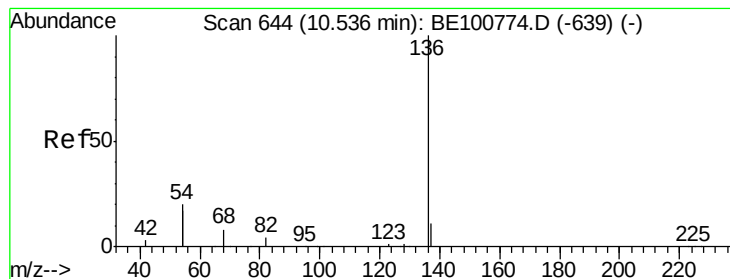
63 322.4 253.9 380.9

95 32.1 25.0 37.6



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: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 19638

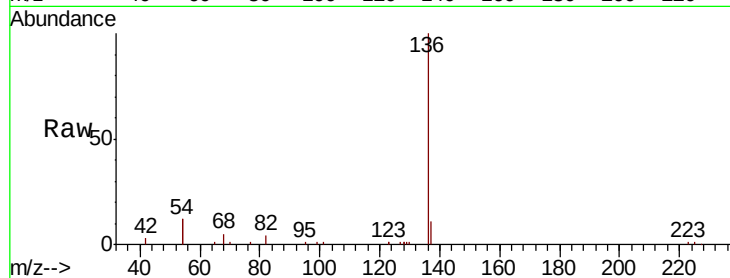
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 23.6 18.9 28.3

68 5.2 4.6 6.8

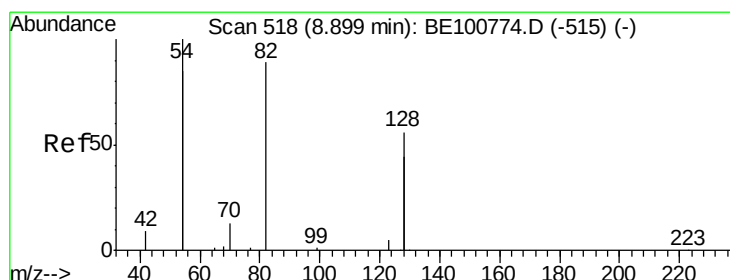
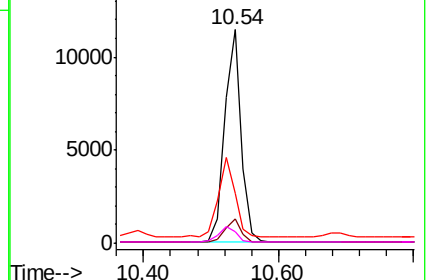
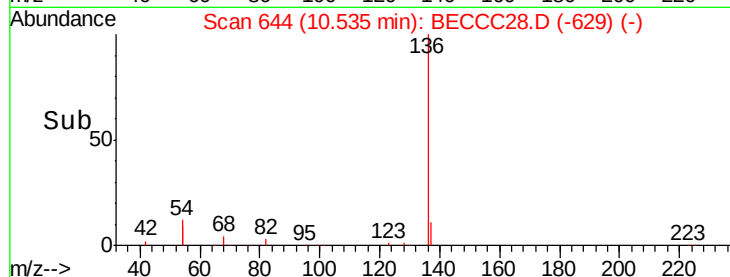


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.564 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

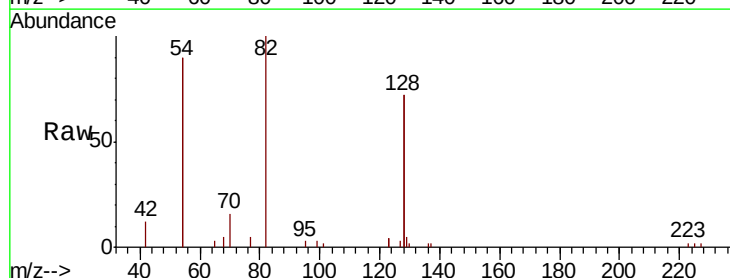
Tgt Ion: 82 Resp: 5279

Ion Ratio Lower Upper

82 100

128 145.0 113.5 170.3

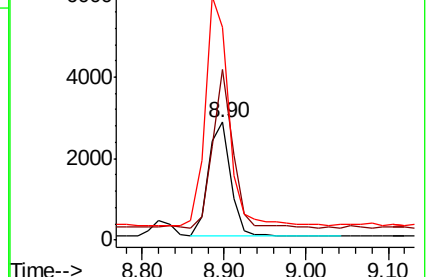
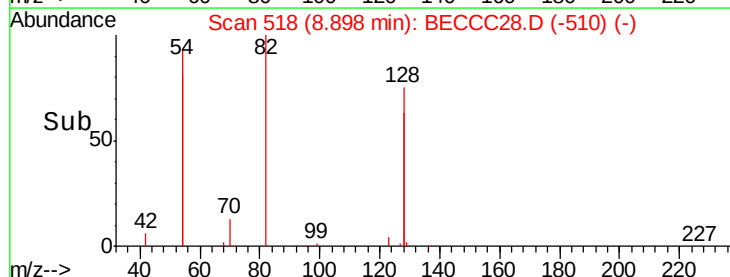
54 180.6 138.9 208.3

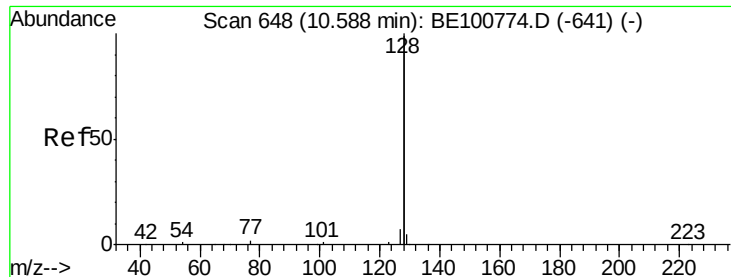


Abundance Ion 82.00 (81.70 to 82.70): BEC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BEC





#9

Naphthalene

Concen: 0.433 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

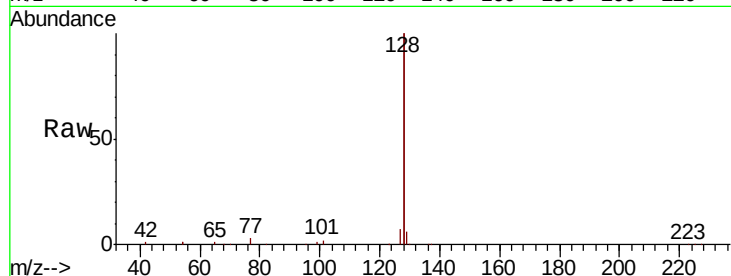
Tot Ion:128 Resp: 90372

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

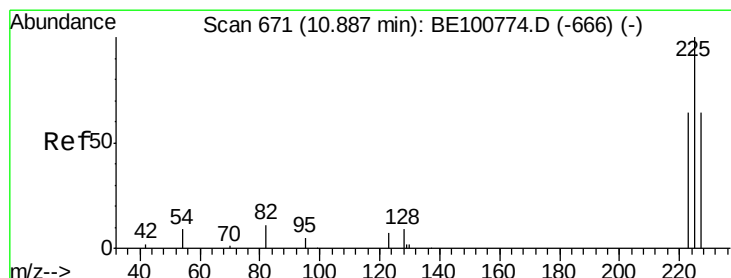
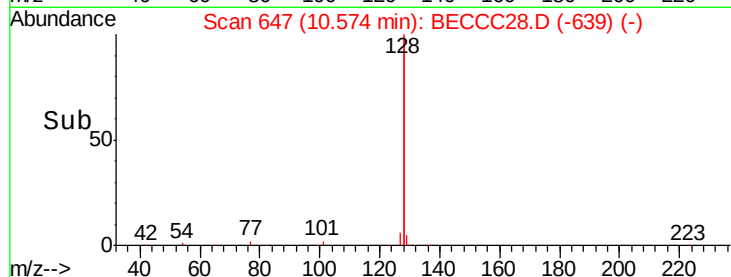
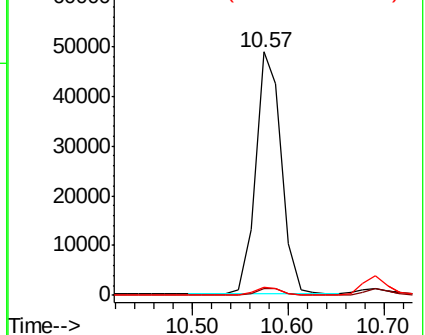
127 3.3 2.8 4.2



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: 0.426 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

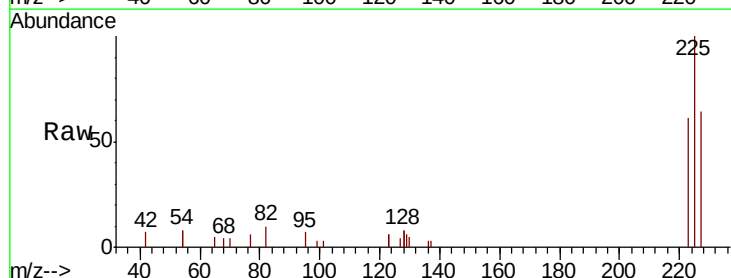
Tgt Ion:225 Resp: 3465

Ion Ratio Lower Upper

225 100

223 62.3 52.1 78.1

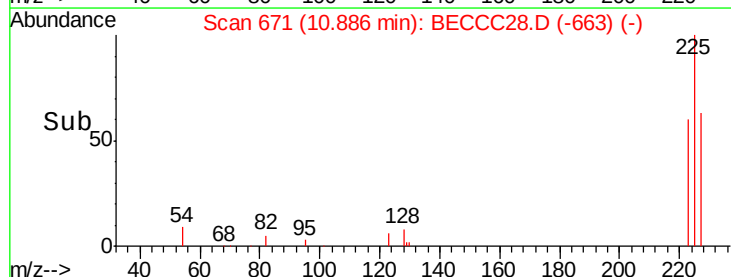
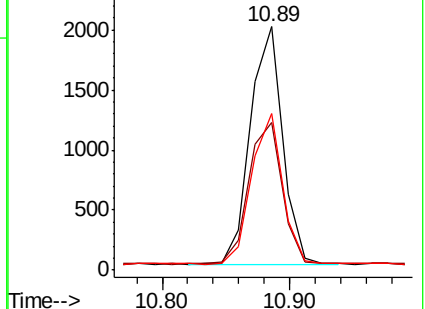
227 60.5 51.1 76.7

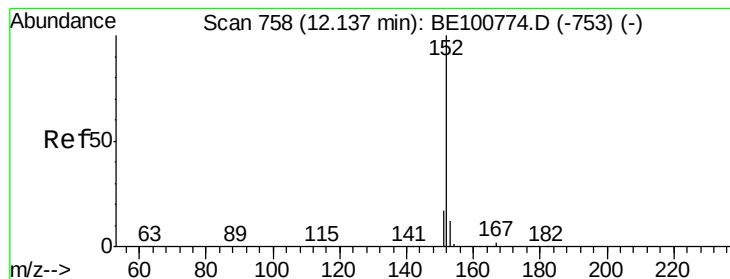


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

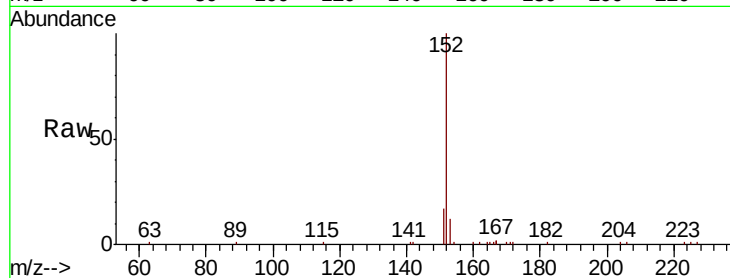
ClientSampleId :

Tot Ion:152 Resp: 12072

Ion Ratio Lower Upper

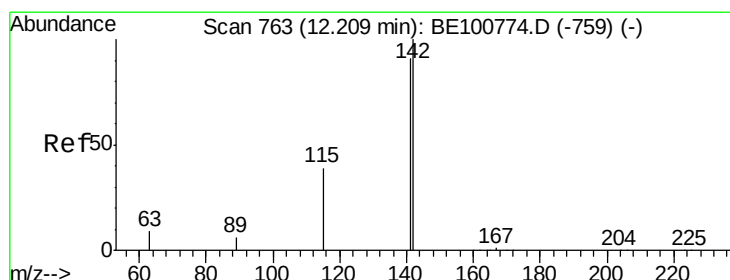
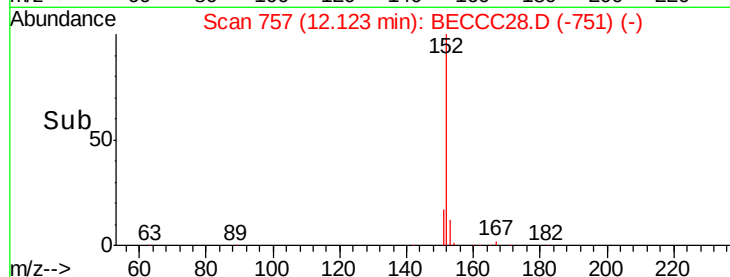
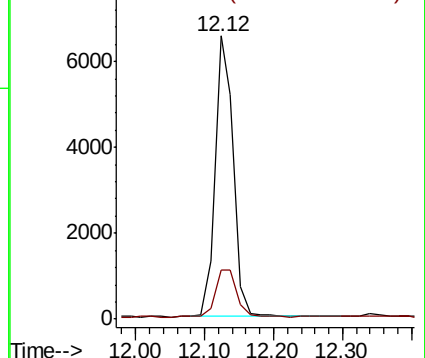
152 100

151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.427 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.01 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

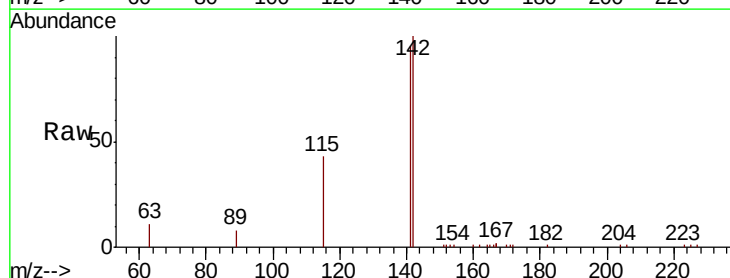
Tgt Ion:142 Resp: 13902

Ion Ratio Lower Upper

142 100

141 94.7 68.9 103.3

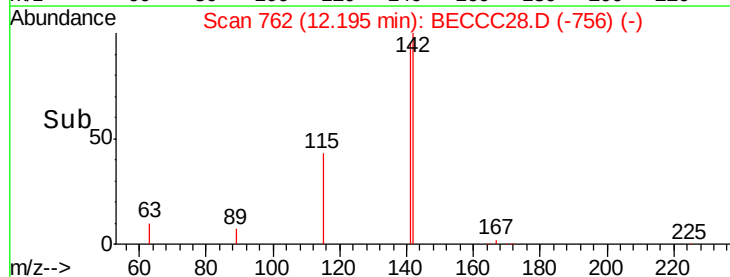
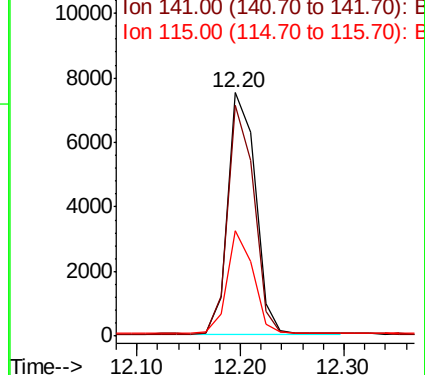
115 43.5 29.5 44.3

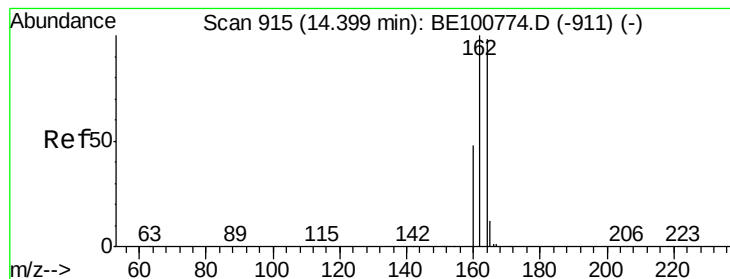


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

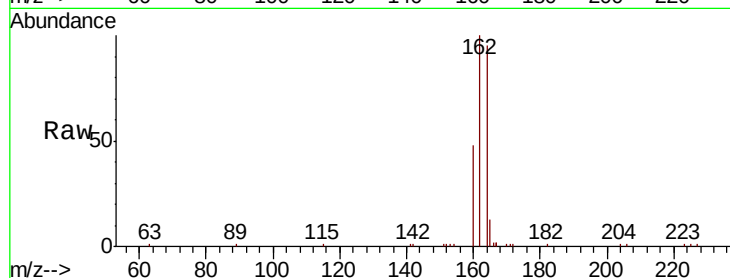
Tot Ion:164 Resp: 11174

Ion Ratio Lower Upper

164 100

162 104.9 86.0 129.0

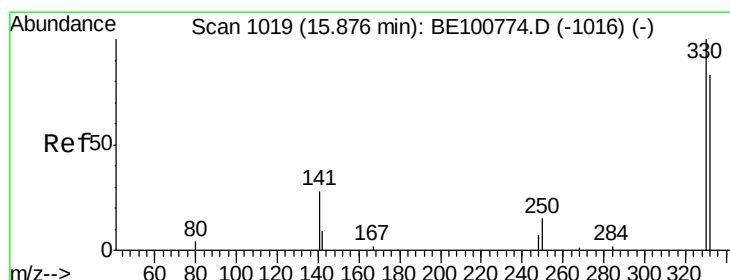
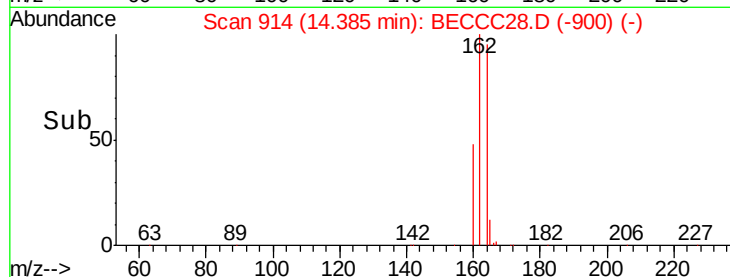
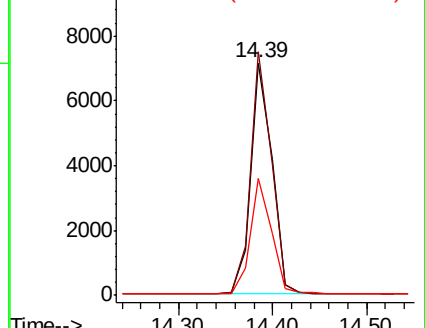
160 50.4 42.3 63.5



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: 0.702 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

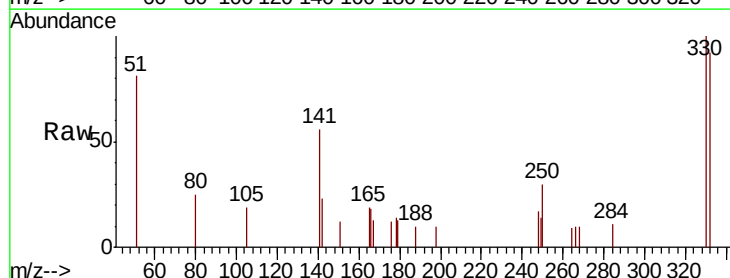
Tgt Ion:330 Resp: 873

Ion Ratio Lower Upper

330 100

332 94.8 74.1 111.1

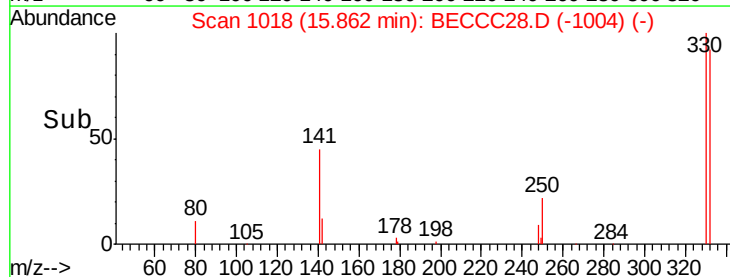
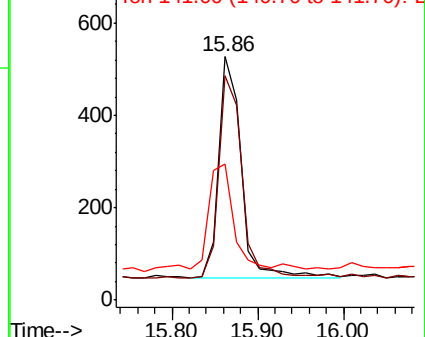
141 56.6 46.7 70.1

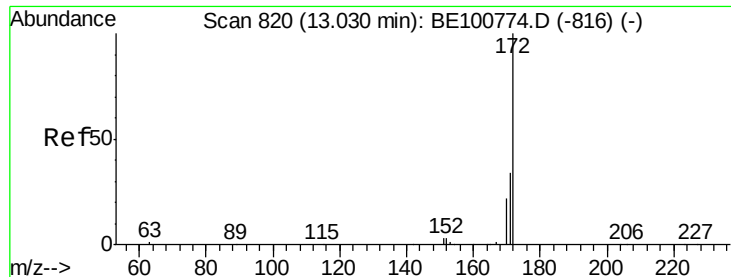


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

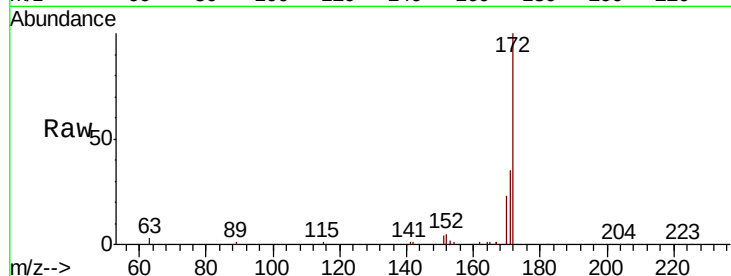




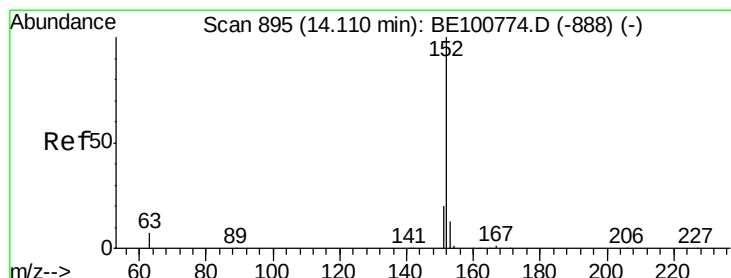
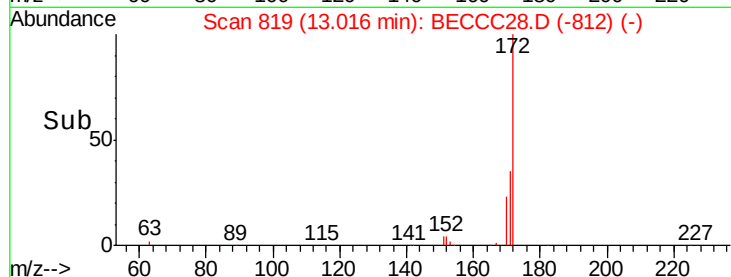
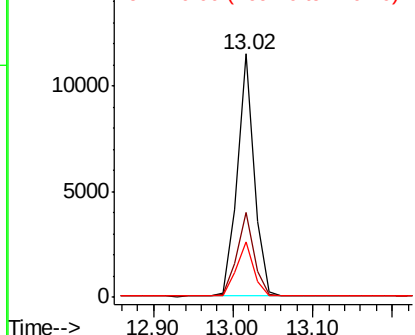
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BECCC28.D
Acq: 16 Dec 2019 20:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 16924
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 22.9 19.4 29.0

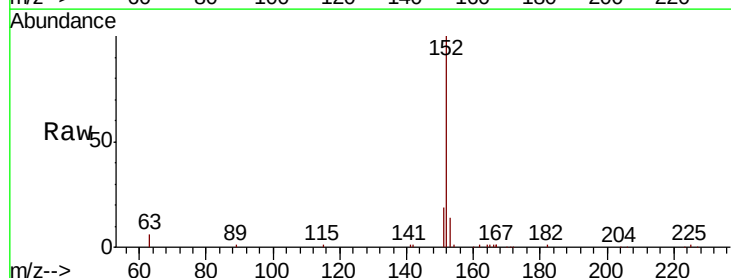


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

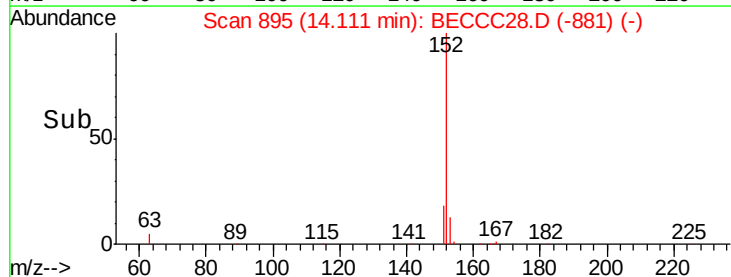
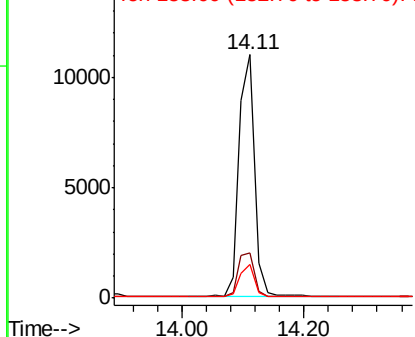


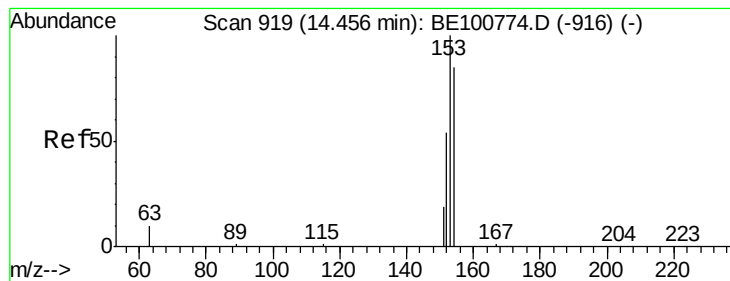
#16
Acenaphthylene
Concen: 0.431 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BECCC28.D
Acq: 16 Dec 2019 20:41

Tgt Ion:152 Resp: 19910
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 13.1 10.5 15.7



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: 0.422 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

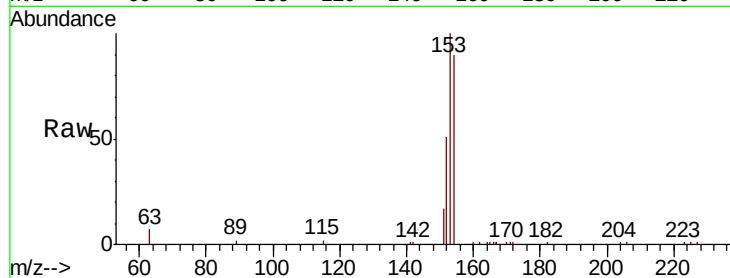
Tot Ion:154 Resp: 13460

Ion Ratio Lower Upper

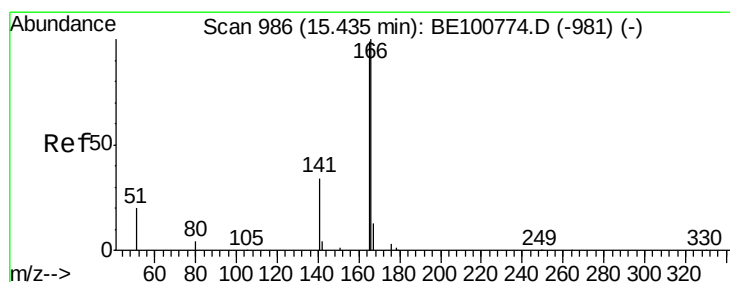
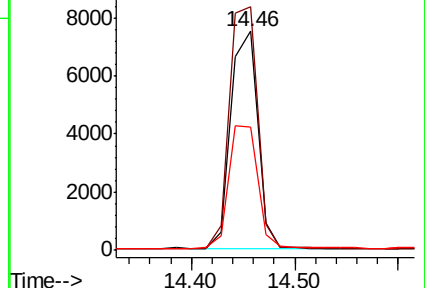
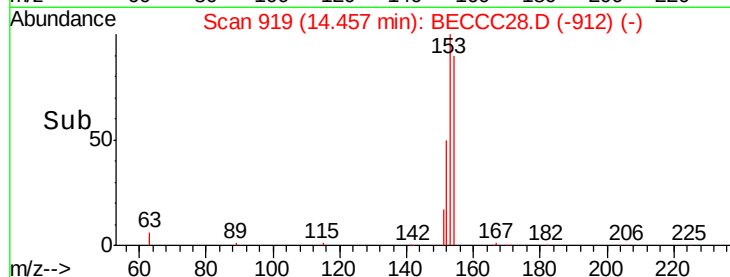
154 100

153 116.8 91.5 137.3

152 60.8 47.7 71.5



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



#18

Fluorene

Concen: 0.432 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

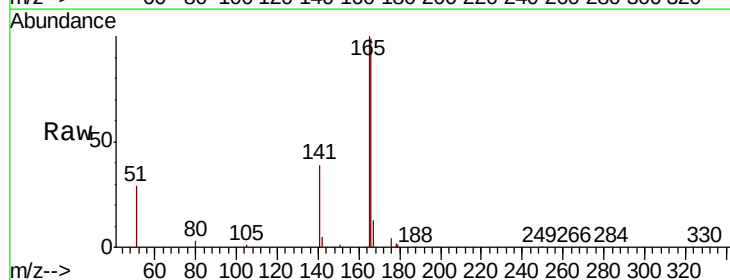
Tgt Ion:166 Resp: 17730

Ion Ratio Lower Upper

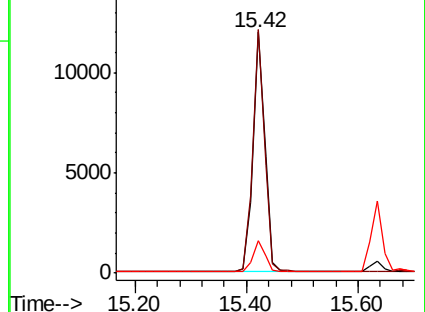
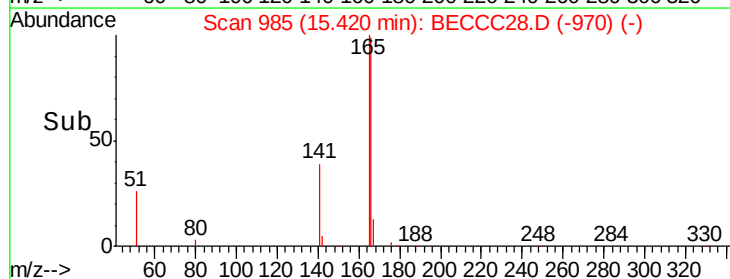
166 100

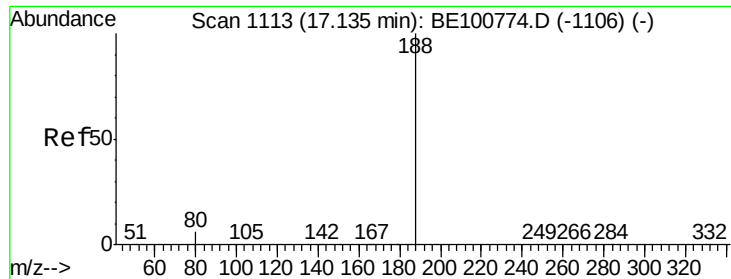
165 99.8 80.2 120.4

167 13.2 10.6 16.0



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

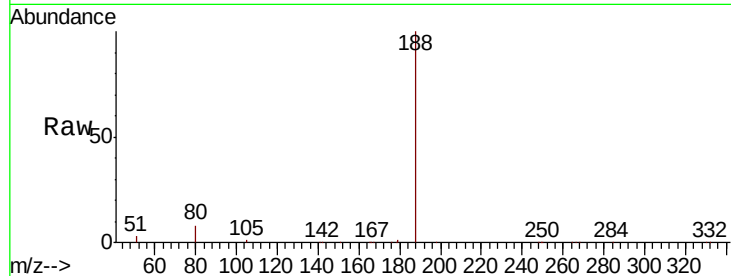




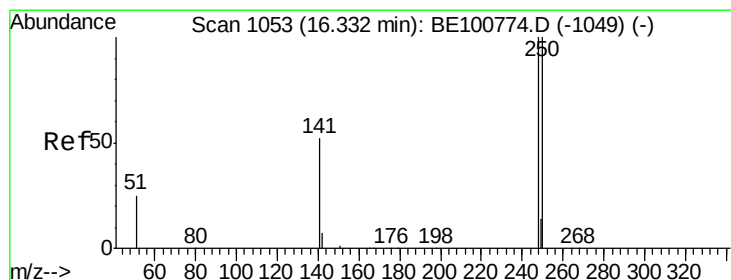
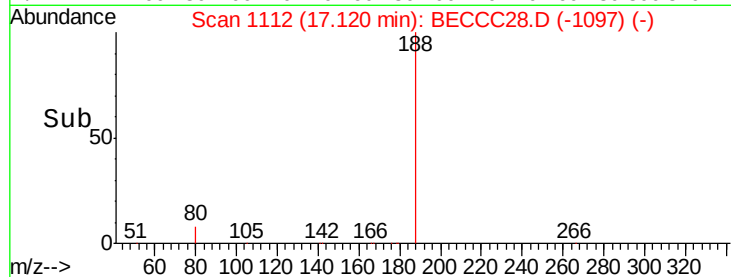
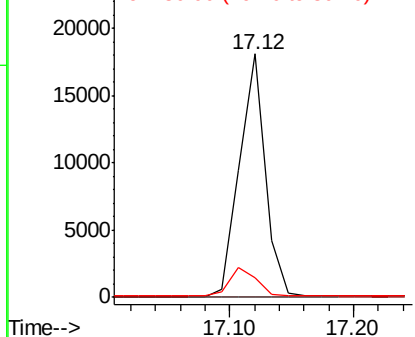
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.12 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BECCC28.D
 Acq: 16 Dec 2019 20:41

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:188 Resp: 26266
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.3 7.9 11.9

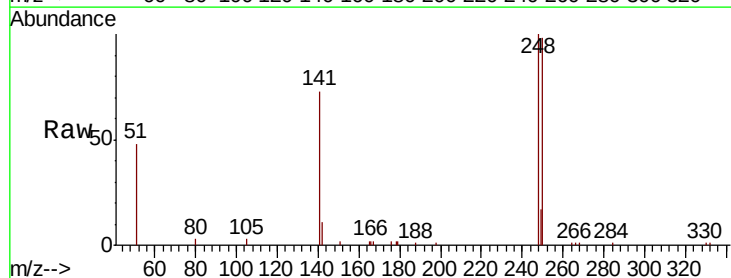


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BEC
 Ion 80.00 (79.70 to 80.70): BEC

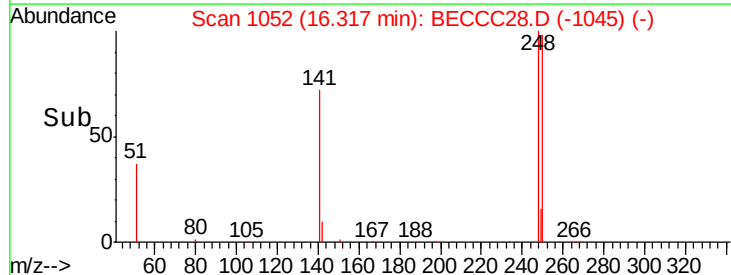
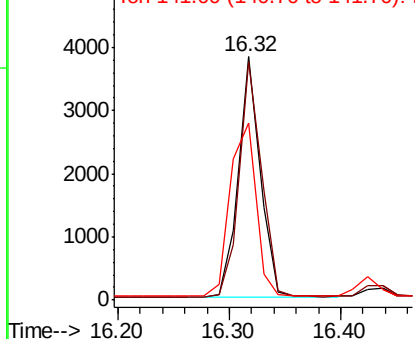


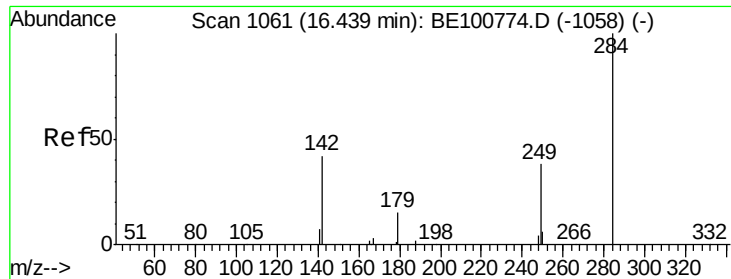
#20
 4-Bromophenyl-phenylether
 Concen: 0.402 ng
 RT: 16.32 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BECCC28.D
 Acq: 16 Dec 2019 20:41

Tgt Ion:248 Resp: 5181
 Ion Ratio Lower Upper
 248 100
 250 97.9 72.4 108.6
 141 72.5 68.2 102.2



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

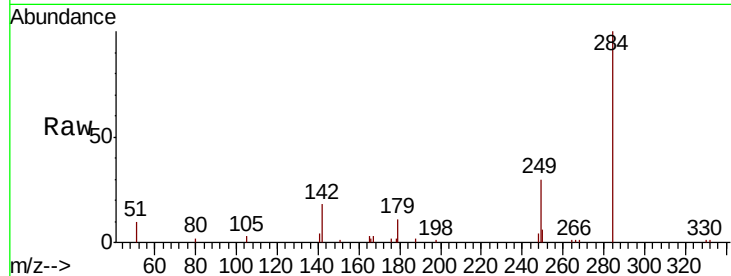




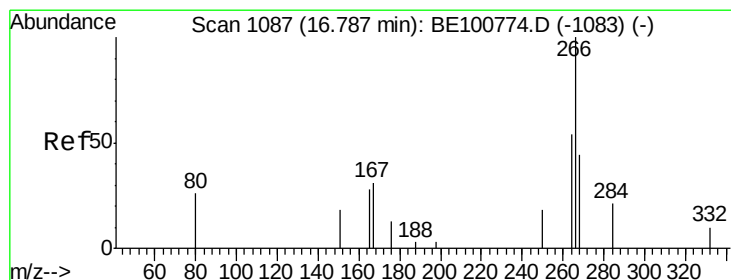
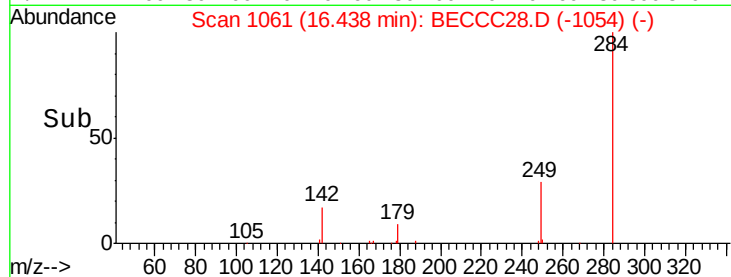
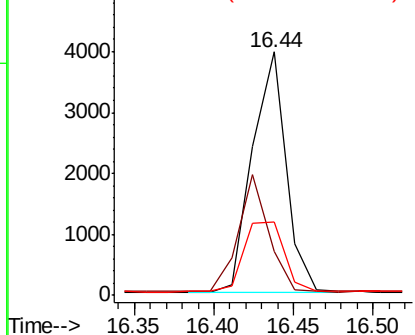
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BECCC28.D
Acq: 16 Dec 2019 20:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.1	35.0	52.4
249	34.9	28.1	42.1

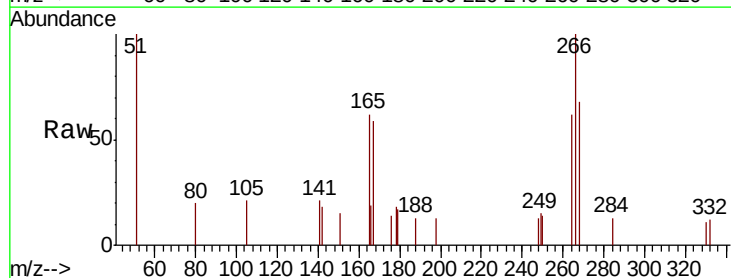


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

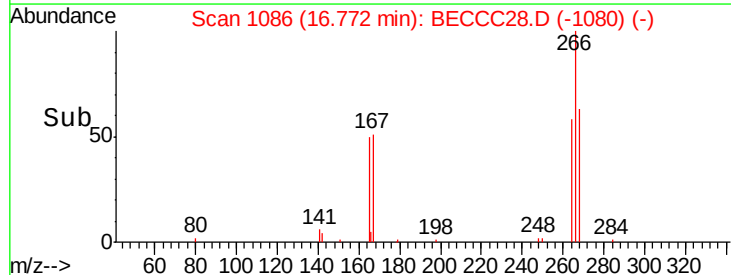
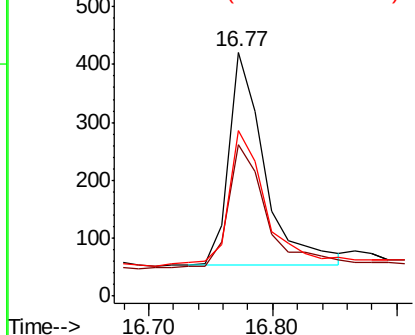


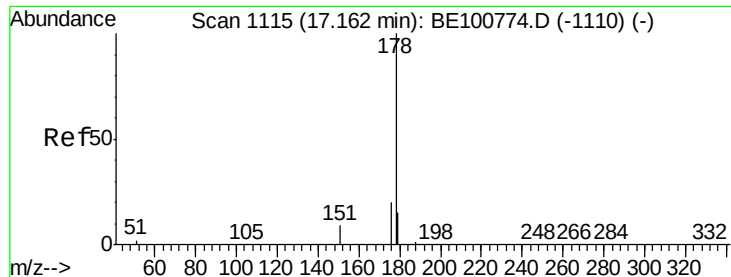
#22
Pentachlorophenol
Concen: 0.765 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BECCC28.D
Acq: 16 Dec 2019 20:41

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	55.1	82.7
268	67.7	50.7	76.1



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: 0.421 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

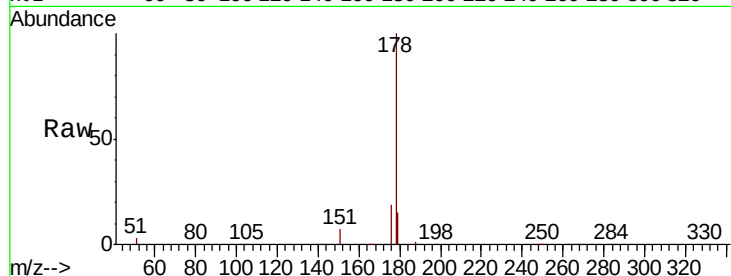
Tot Ion:178 Resp: 33472

Ion Ratio Lower Upper

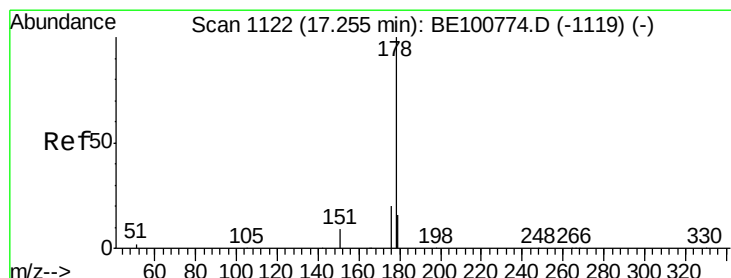
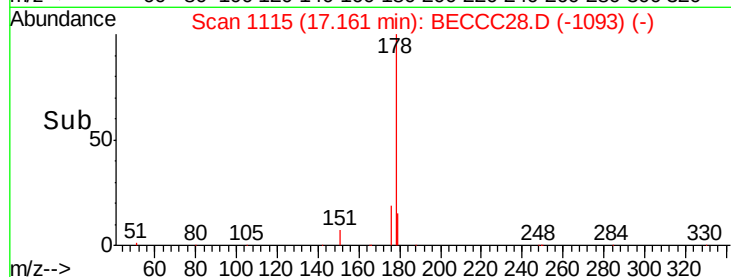
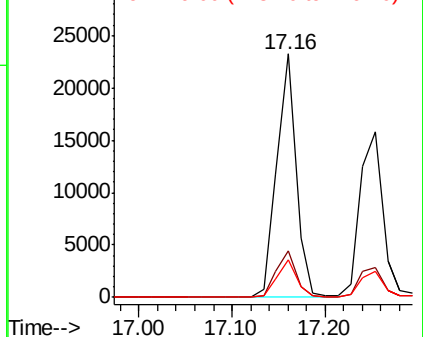
178 100

176 19.2 15.6 23.4

179 15.2 11.9 17.9



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: 0.406 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

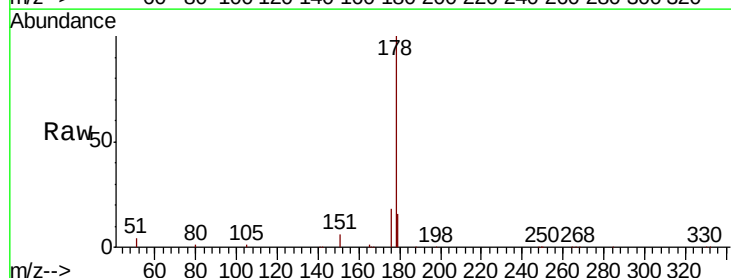
Tgt Ion:178 Resp: 26991

Ion Ratio Lower Upper

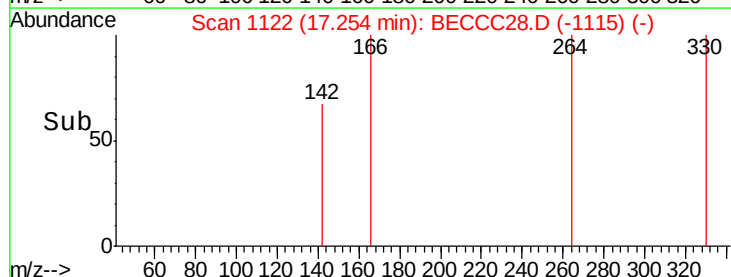
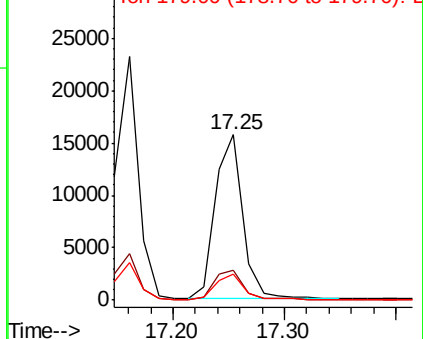
178 100

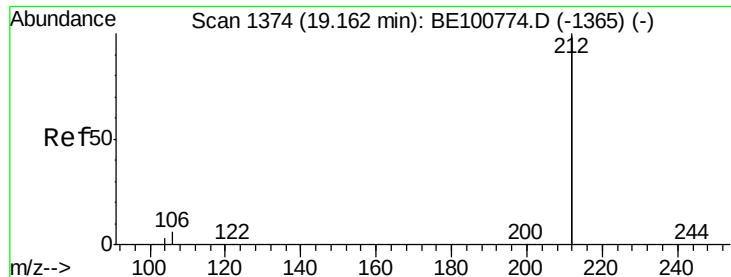
176 18.8 14.7 22.1

179 15.2 12.2 18.4



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

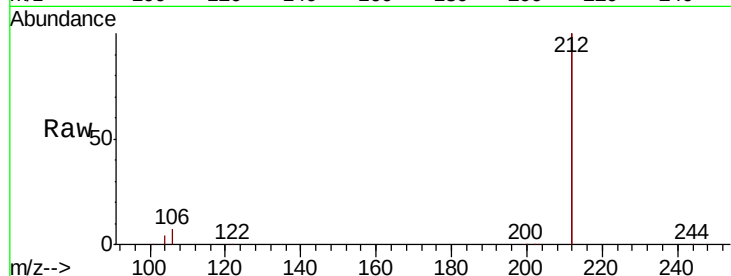




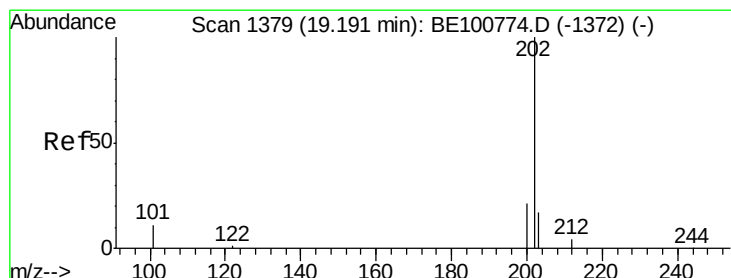
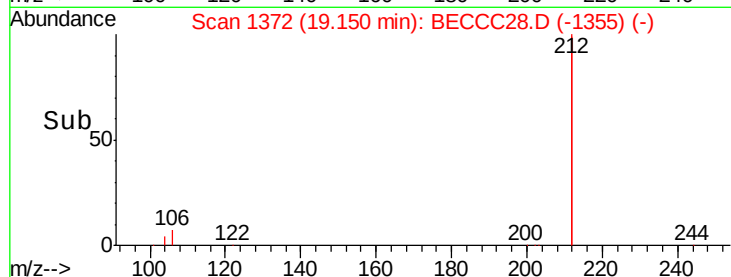
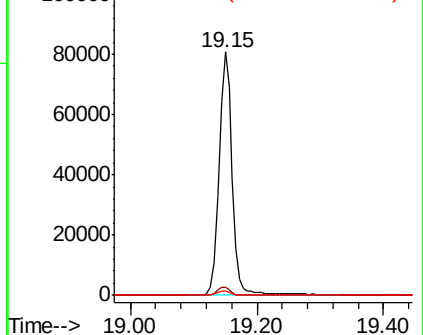
#25
 Fluoranthene-d10
 Concen: 0.366 ng
 RT: 19.15 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BECCC28.D
 Acq: 16 Dec 2019 20:41

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 113465
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 1.9 1.4 2.2

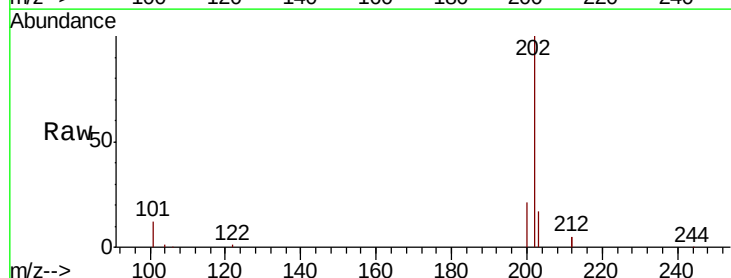


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

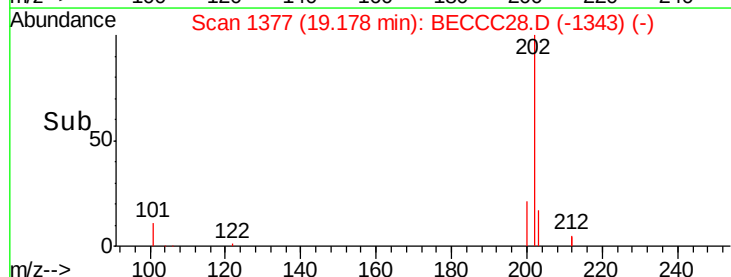
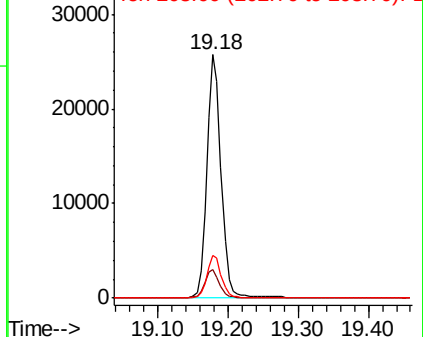


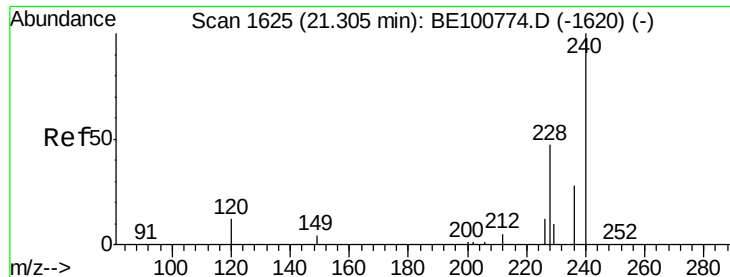
#26
 Fluoranthene
 Concen: 0.377 ng
 RT: 19.18 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BECCC28.D
 Acq: 16 Dec 2019 20:41

Tgt Ion:202 Resp: 35766
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.4 14.0
 203 17.2 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

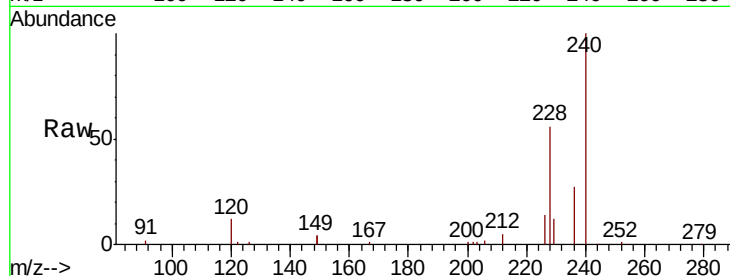




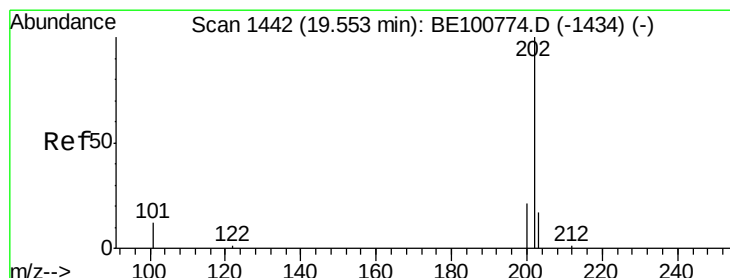
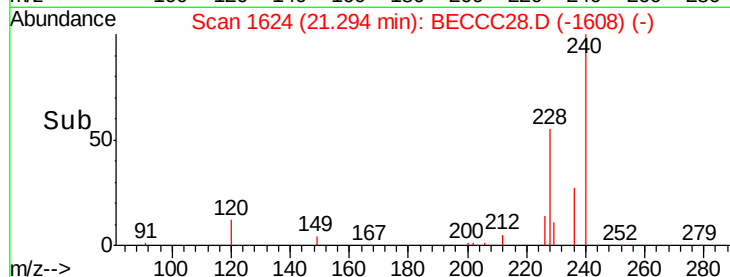
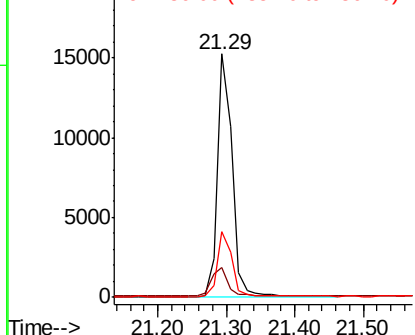
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BECCC28.D
Acq: 16 Dec 2019 20:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 22564
Ion Ratio Lower Upper
240 100
120 12.4 4.0 6.0#
236 27.2 21.6 32.4

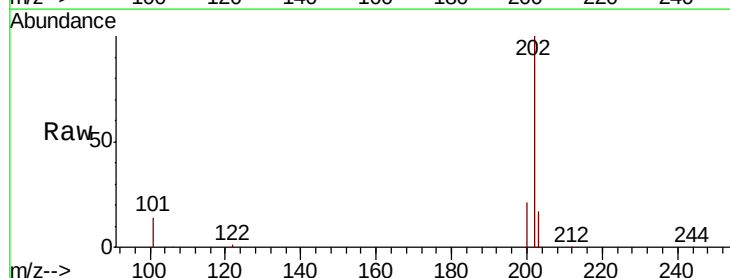


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

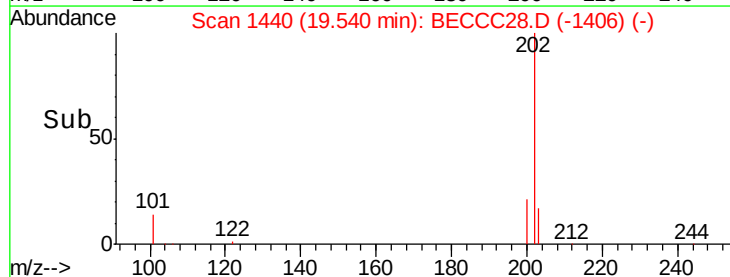
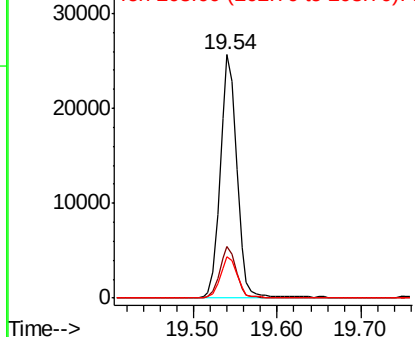


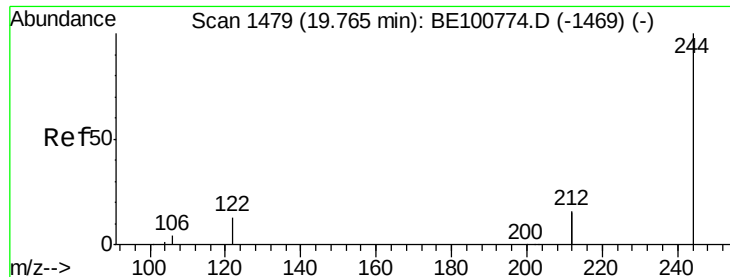
#28
Pyrene
Concen: 0.480 ng
RT: 19.54 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BECCC28.D
Acq: 16 Dec 2019 20:41

Tgt Ion:202 Resp: 35173
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.1 13.8 20.8



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: 0.432 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

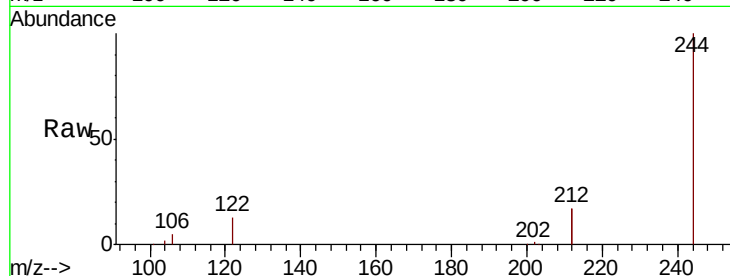
Tot Ion:244 Resp: 23358

Ion Ratio Lower Upper

244 100

212 33.2 25.2 37.8

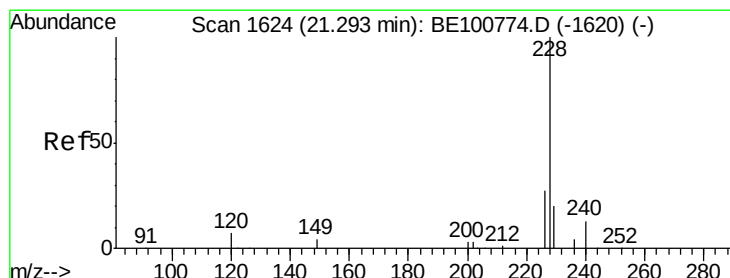
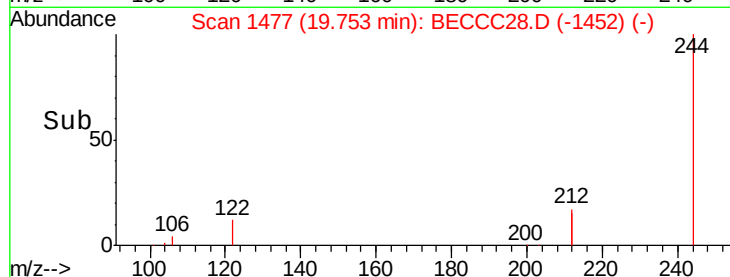
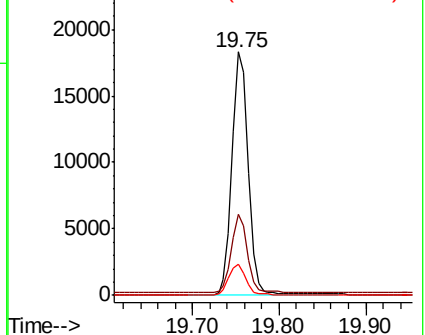
122 12.8 8.9 13.3



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: 0.451 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

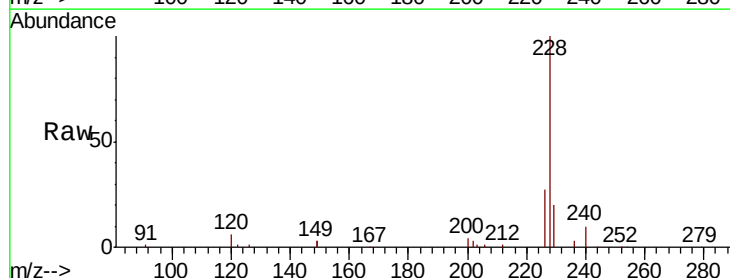
Tgt Ion:228 Resp: 29968

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

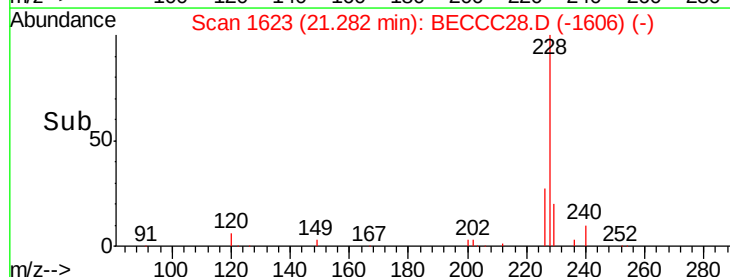
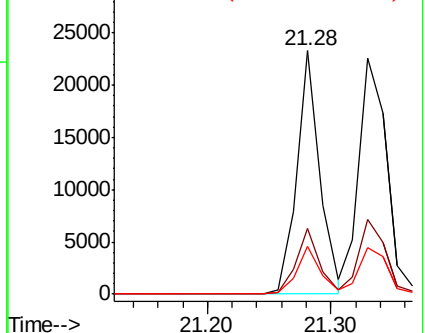
229 19.9 15.8 23.6

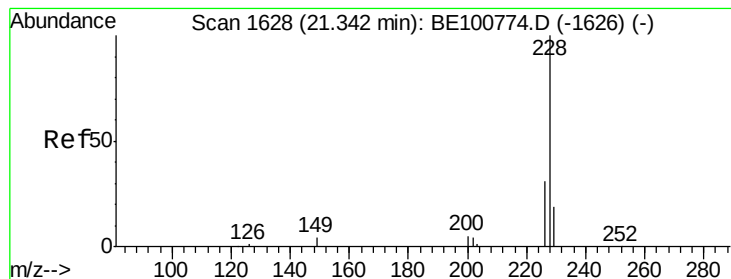


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.448 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

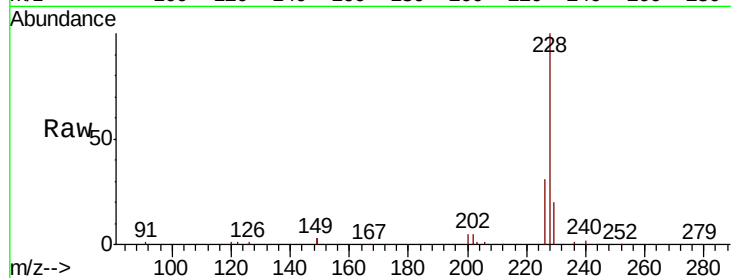
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 35019

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.3	37.9
229	19.7	15.2	22.8

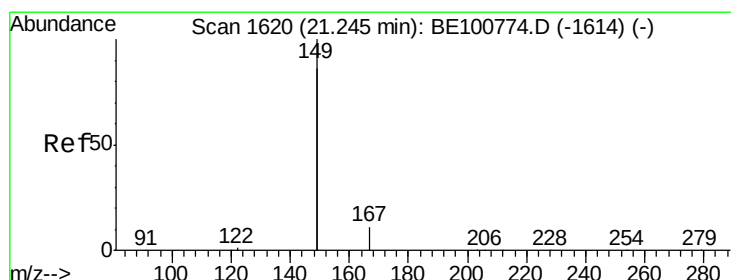
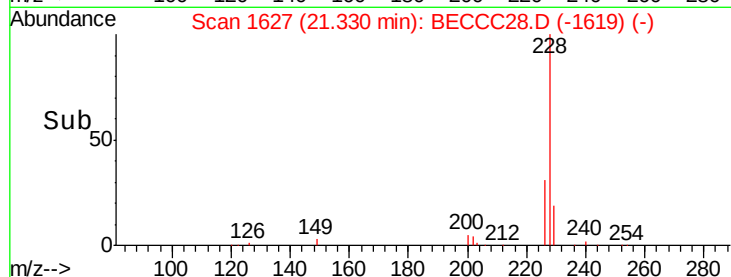
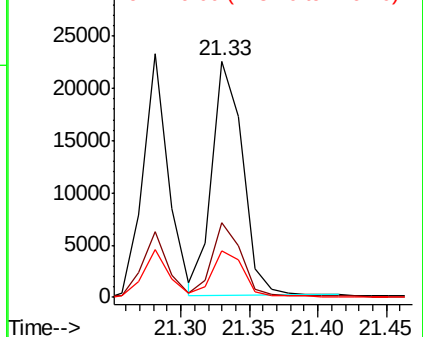


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.671 ng

RT: 21.23 min Scan# 1619

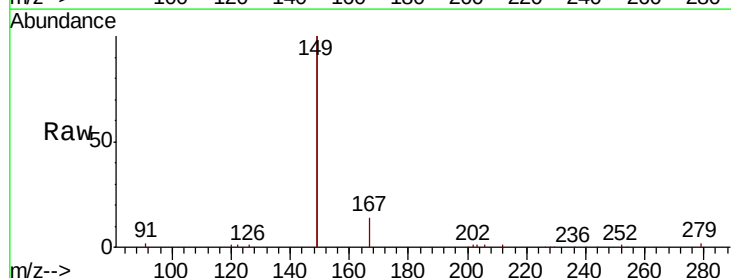
Delta R.T. 0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Tgt Ion:149 Resp: 31958

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.0	7.4
279	0.9	0.6	1.0

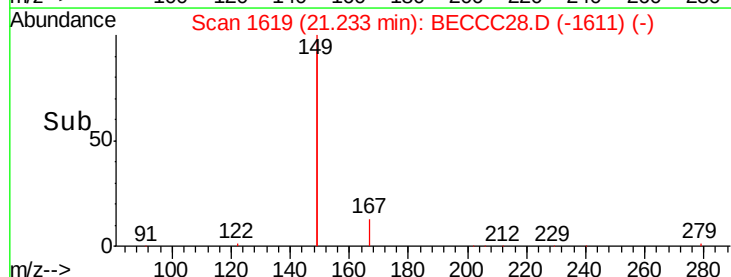
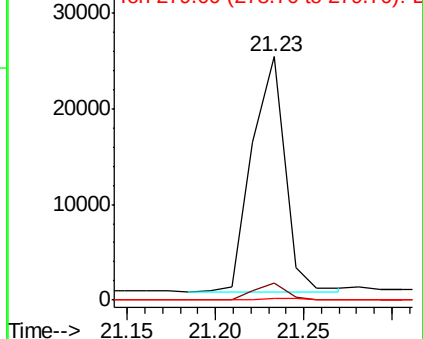


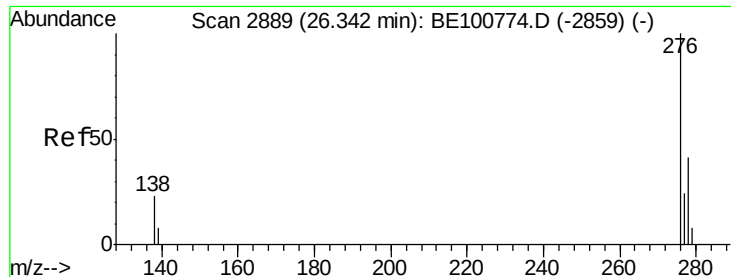
Abundance

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

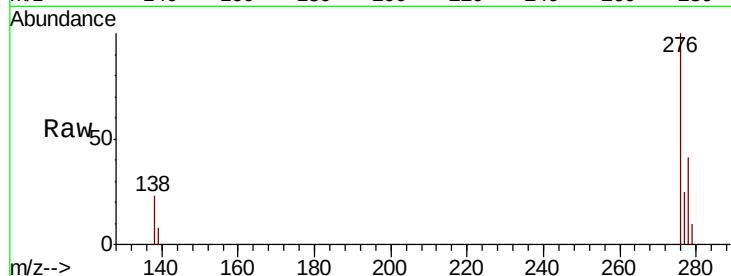




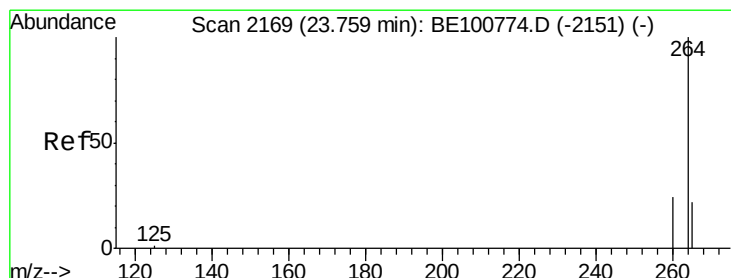
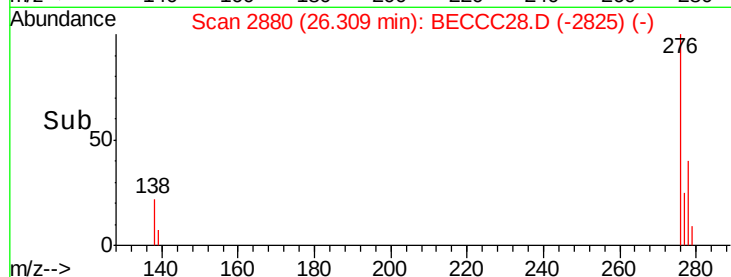
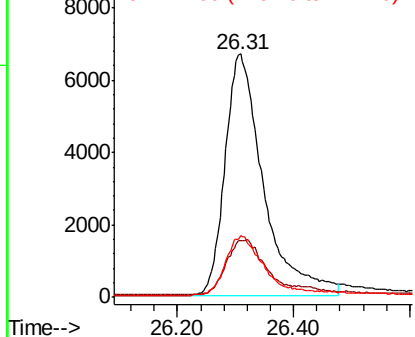
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.451 ng
 RT: 26.31 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BECCC28.D
 Acq: 16 Dec 2019 20:41

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 30731
 Ion Ratio Lower Upper
 276 100
 138 23.0 18.4 27.6
 277 24.8 19.4 29.2

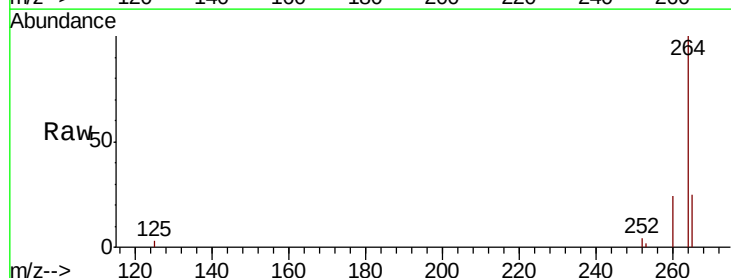


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

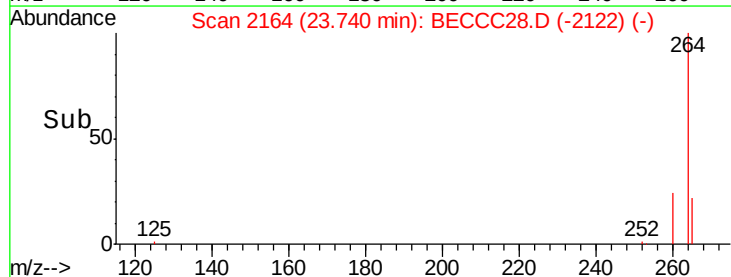
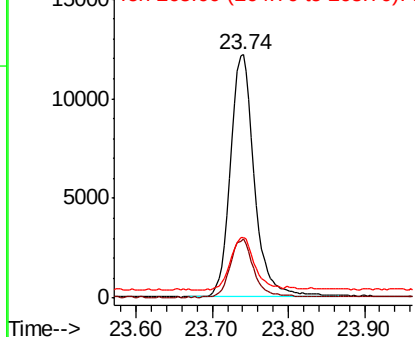


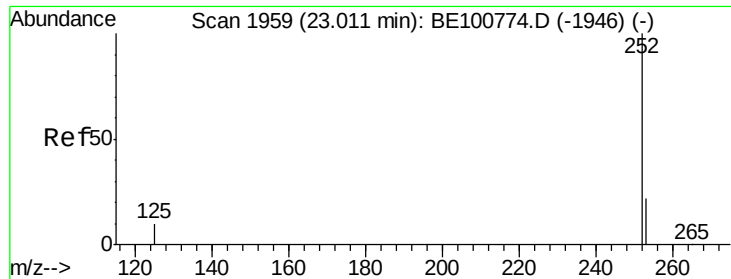
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BECCC28.D
 Acq: 16 Dec 2019 20:41

Tgt Ion:264 Resp: 26775
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 25.0 20.1 30.1



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: 0.395 ng

RT: 22.99 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

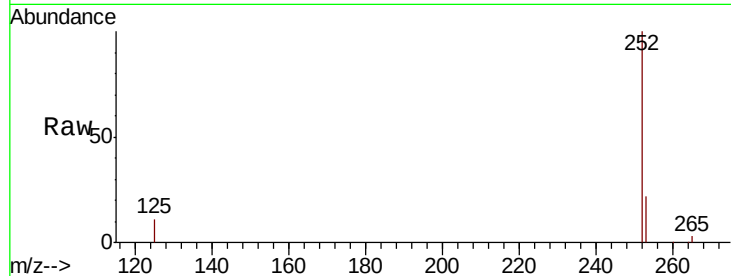
Tot Ion:252 Resp: 28989

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

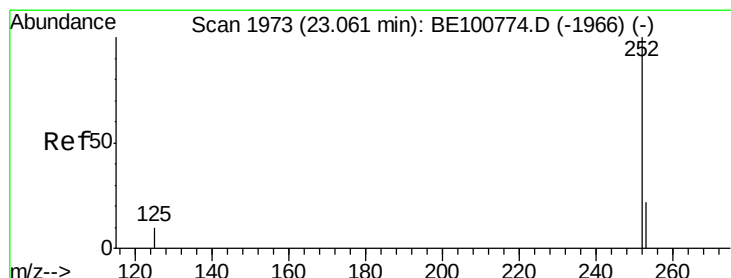
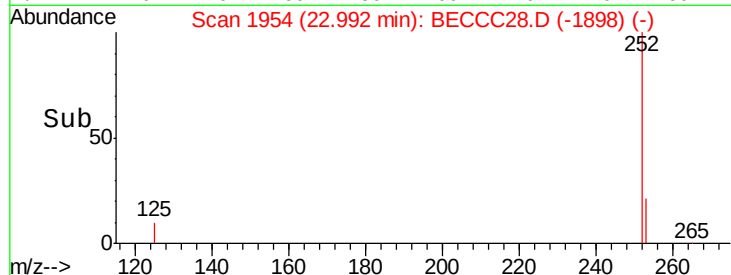
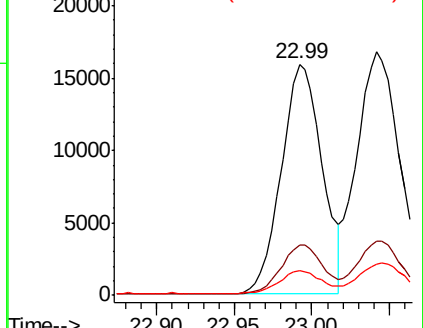
125 10.9 8.3 12.5



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: 0.412 ng

RT: 23.04 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

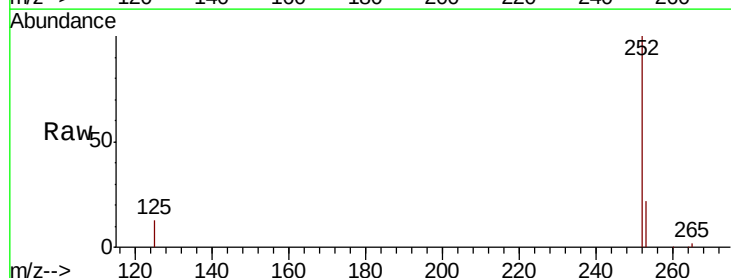
Tgt Ion:252 Resp: 33883

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

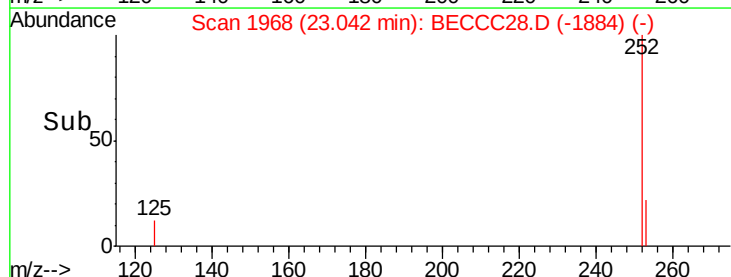
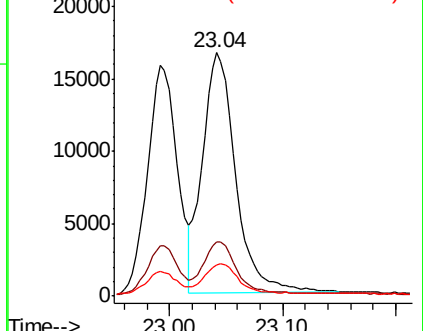
125 12.9 9.4 14.0

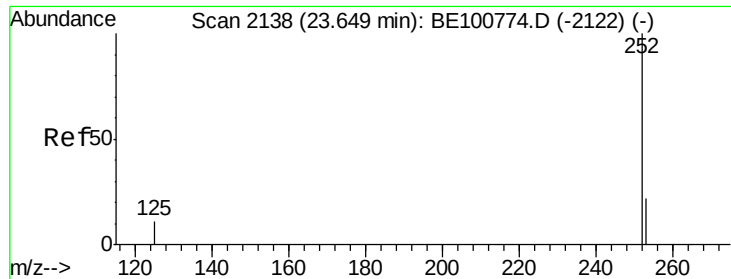


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.416 ng

RT: 23.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :

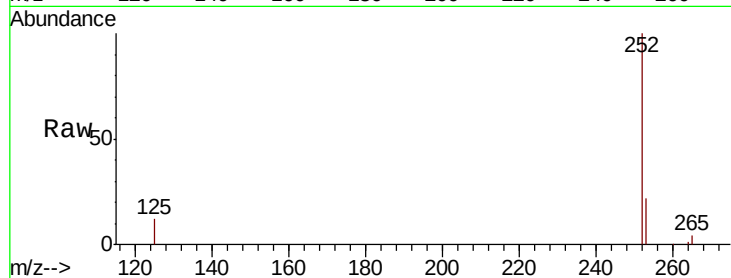
Tot Ion:252 Resp: 26407

Ion Ratio Lower Upper

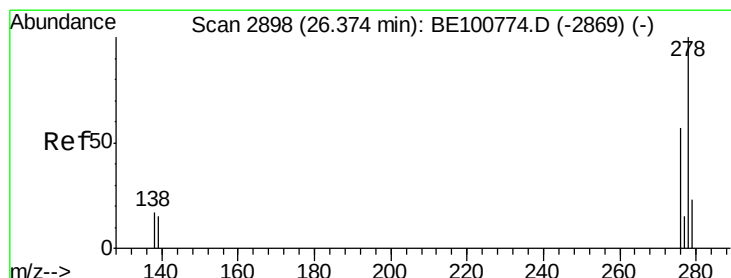
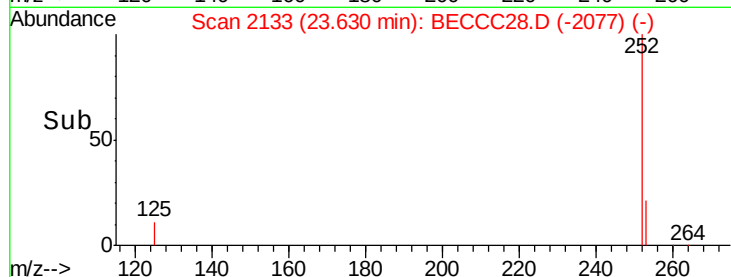
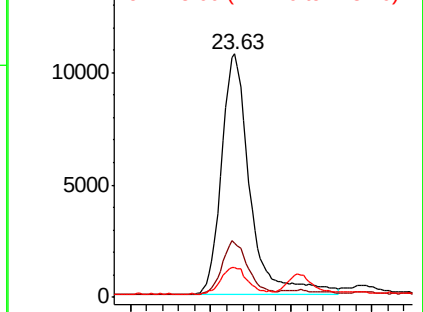
252 100

253 22.1 17.8 26.8

125 12.2 9.9 14.9



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



#38

Dibenzo(a,h)anthracene

Concen: 0.389 ng

RT: 26.34 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

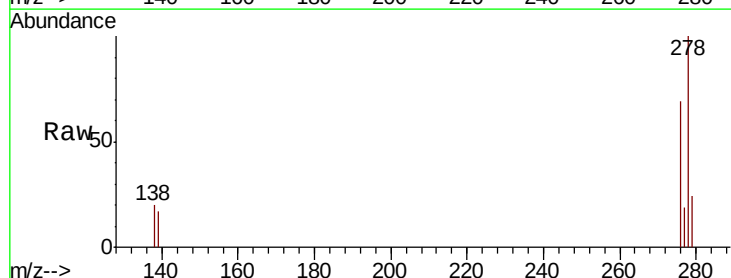
Tgt Ion:278 Resp: 24582

Ion Ratio Lower Upper

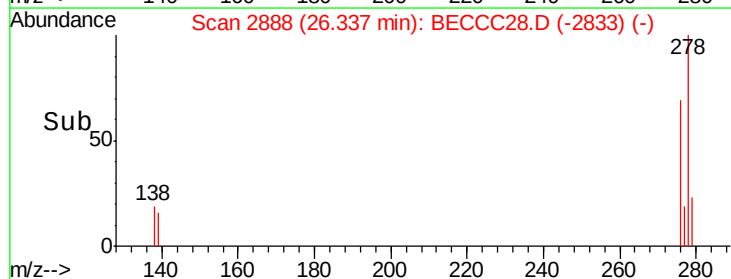
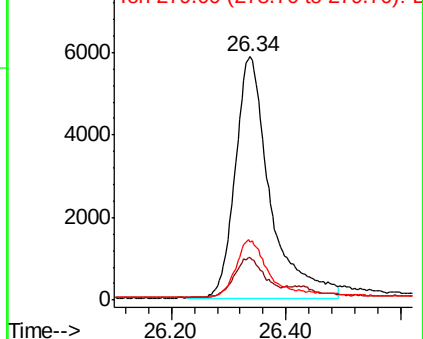
278 100

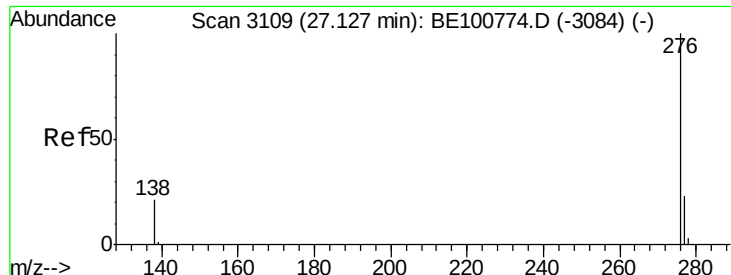
139 17.4 13.8 20.6

279 23.8 19.8 29.6



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: 0.406 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

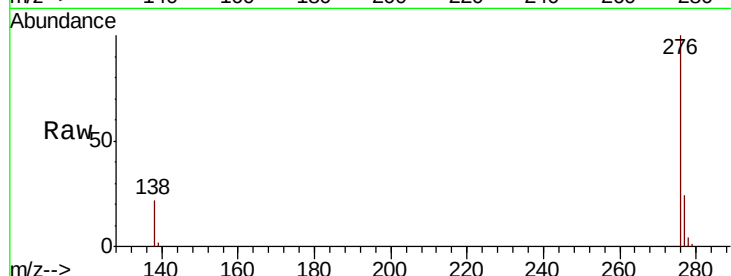
Lab File: BECCC28.D

Acq: 16 Dec 2019 20:41

Instrument :

BNA_E

ClientSampleId :



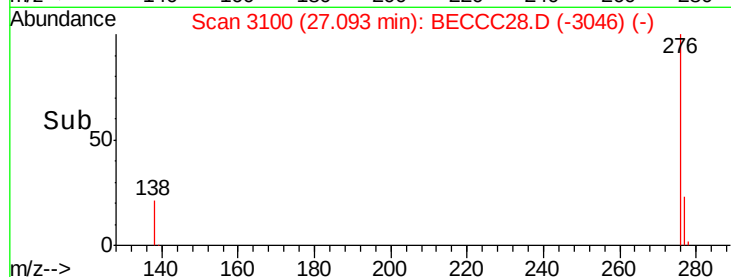
Tot Ion: 276 Resp: 27392

Ion Ratio Lower Upper

276 100

277 23.9 19.7 29.5

138 21.8 18.0 27.0



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

