

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100319\
 Data File : BEICV4.D
 Acq On : 3 Oct 2019 21:04
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100319

Quant Time: Oct 04 09:18:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 19:01:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3277	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14726	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8663	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20150	0.40	ng	0.00
27) Chrysene-d12	21.34	240	26885	0.40	ng	-0.01
34) Perylene-d12	23.81	264	32240	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3258	0.37	ng	-0.01
5) Phenol-d6	6.99	99	3958	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	3278	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	8510	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	690	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	12119	0.39	ng	0.00
25) Fluoranthene-d10	19.21	212	91605	0.37	ng	0.00
29) Terphenyl-d14	19.80	244	22944	0.39	ng	0.00

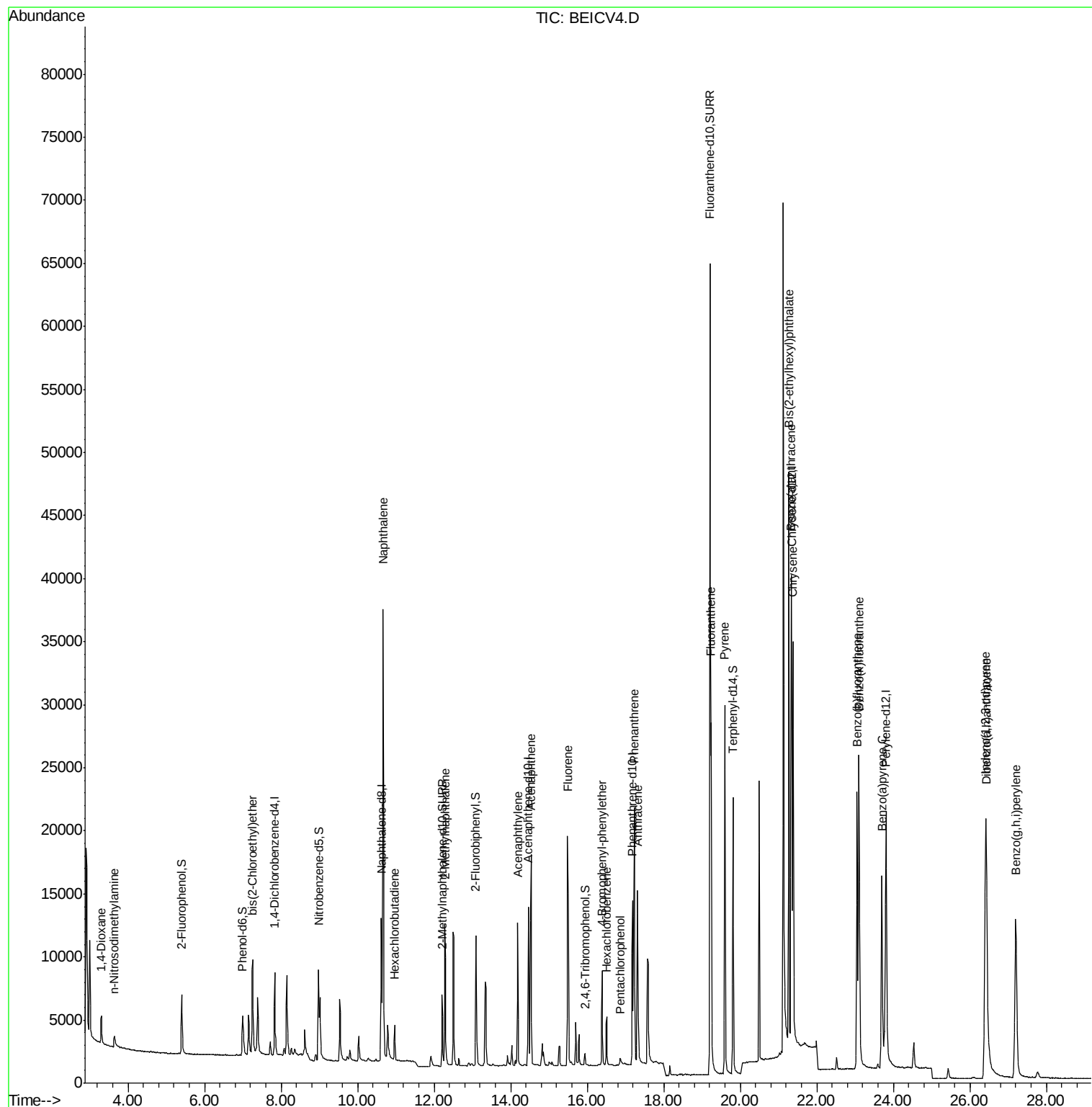
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	2226	0.403	ng	96
3) n-Nitrosodimethylamine	3.62	42	916	0.353	ng	# 88
6) bis(2-Chloroethyl)ether	7.25	93	3866	0.375	ng	99
9) Naphthalene	10.67	128	59733	0.393	ng	100
10) Hexachlorobutadiene	10.96	225	1960	0.400	ng	99
12) 2-Methylnaphthalene	12.28	142	9563	0.383	ng	99
16) Acenaphthylene	14.18	152	13585	0.369	ng	100
17) Acenaphthene	14.53	154	9310	0.378	ng	99
18) Fluorene	15.49	166	11860	0.377	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	3626	0.363	ng	96
21) Hexachlorobenzene	16.51	284	3224	0.384	ng	99
22) Pentachlorophenol	16.85	266	484	0.464	ng	95
23) Phenanthrene	17.23	178	22289	0.389	ng	99
24) Anthracene	17.32	178	17910	0.363	ng	99
26) Fluoranthene	19.24	202	26821	0.380	ng	100
28) Pyrene	19.60	202	27749	0.403	ng	100
30) Benzo(a)anthracene	21.33	228	28596	0.380	ng	99
31) Chrysene	21.38	228	31608	0.393	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	47054	0.328	ng	100
33) Indeno(1,2,3-cd)pyrene	26.41	276	36380	0.384	ng	97
35) Benzo(b)fluoranthene	23.06	252	31240	0.358	ng	100
36) Benzo(k)fluoranthene	23.10	252	37174	0.374	ng	99
37) Benzo(a)pyrene	23.70	252	29109	0.363	ng	99
38) Dibenzo(a,h)anthracene	26.43	278	30377	0.360	ng	99
39) Benzo(g,h,i)perylene	27.20	276	31627	0.370	ng	99

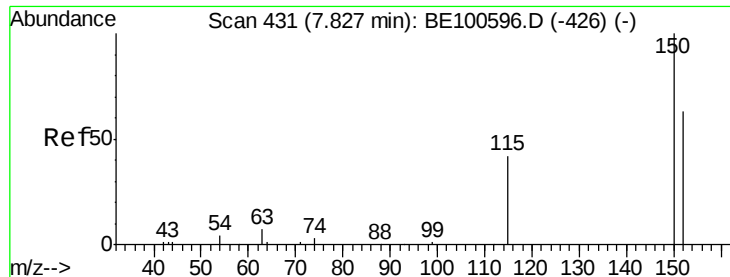
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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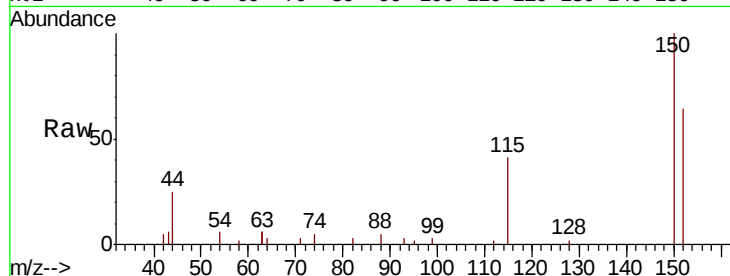


#1

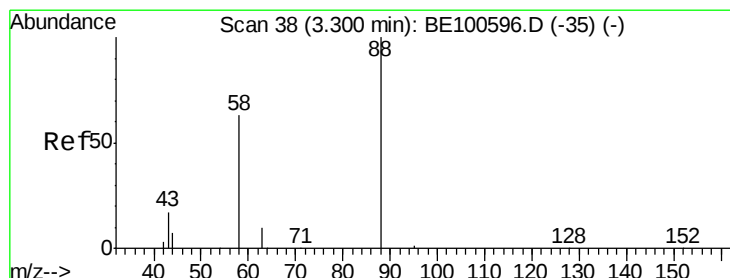
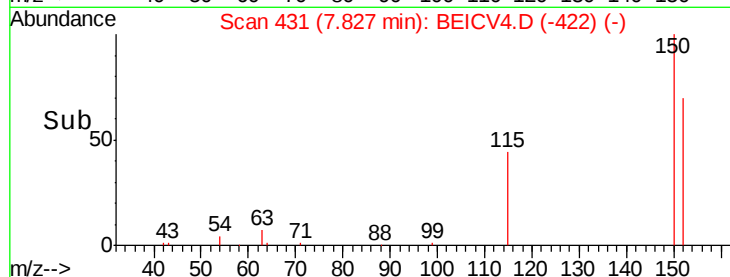
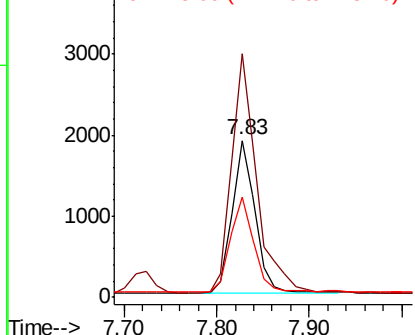
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion:152 Resp: 3277
Ion Ratio Lower Upper
152 100
150 155.1 126.5 189.7
115 64.2 54.6 81.8



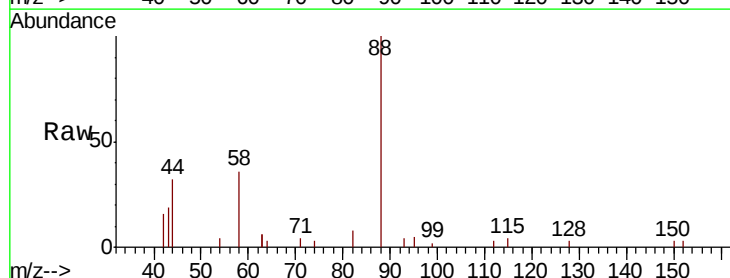
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



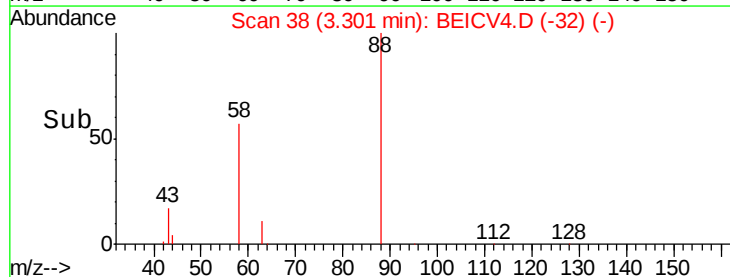
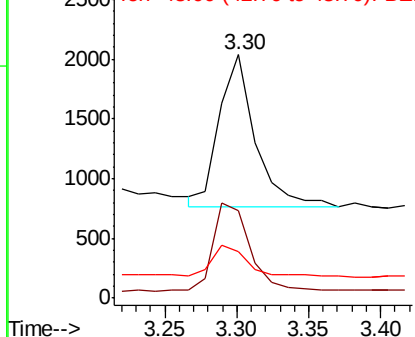
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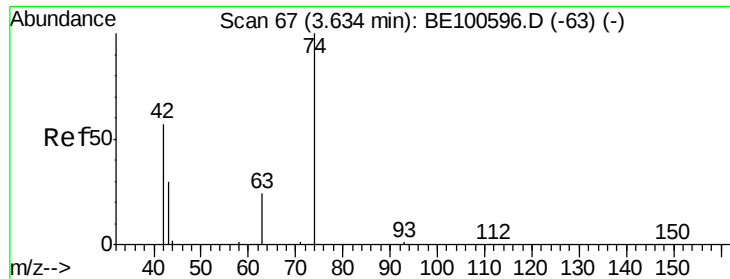
1,4-Dioxane
Concen: 0.403 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion: 88 Resp: 2226
Ion Ratio Lower Upper
88 100
58 57.2 48.1 72.1
43 20.1 14.4 21.6



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





#3

n-Nitrosodimethylamine

Concen: 0.353 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

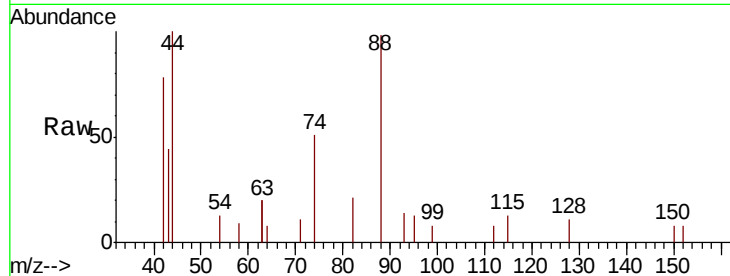
Tot Ion: 42 Resp: 916

Ion Ratio Lower Upper

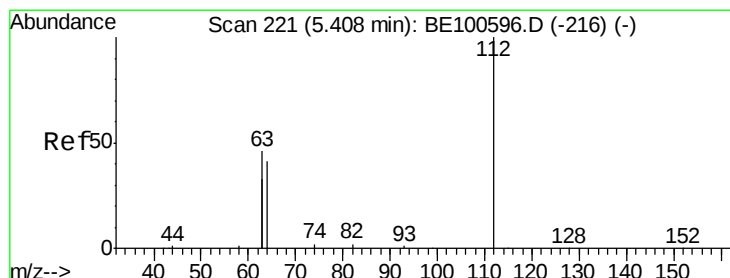
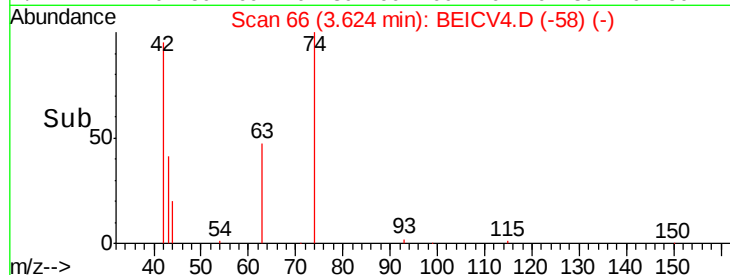
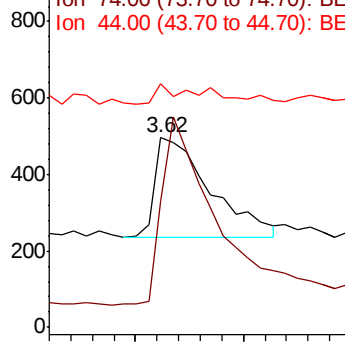
42 100

74 186.5 136.2 204.2

44 17.5 7.4 11.0#



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



#4

2-Fluorophenol

Concen: 0.368 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

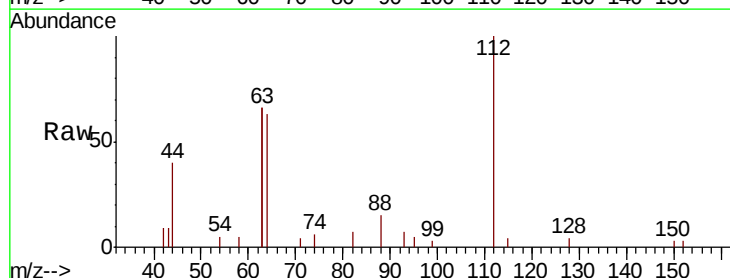
Tgt Ion:112 Resp: 3258

Ion Ratio Lower Upper

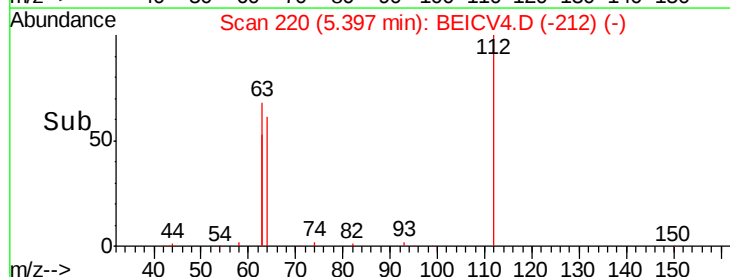
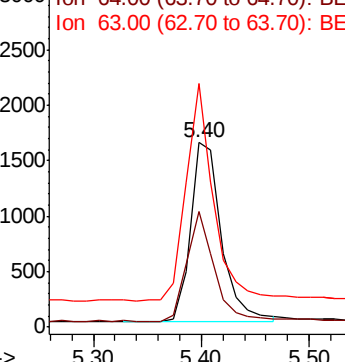
112 100

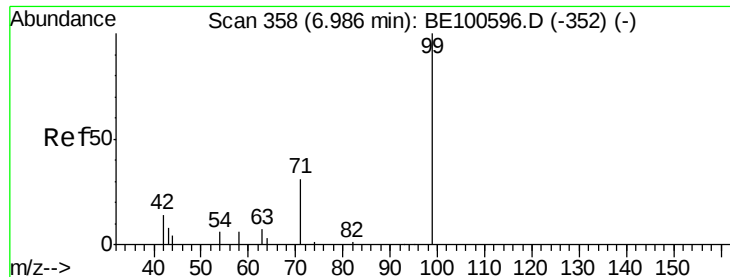
64 53.8 43.7 65.5

63 105.2 84.5 126.7



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





#5

Phenol-d6

Concen: 0.356 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

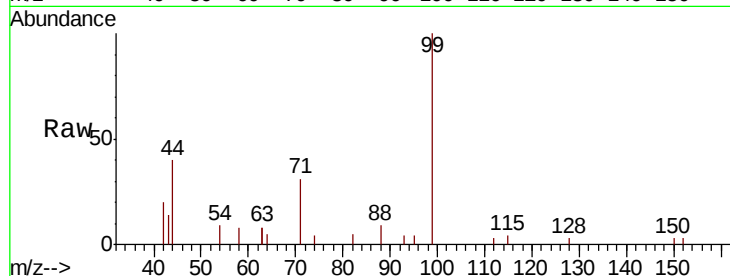
Tot Ion: 99 Resp: 3958

Ion Ratio Lower Upper

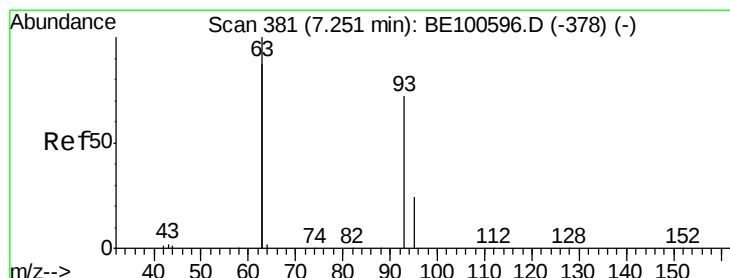
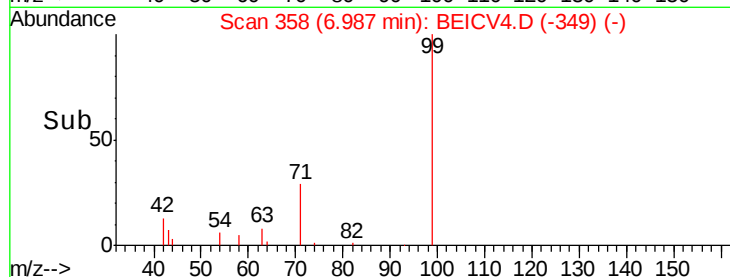
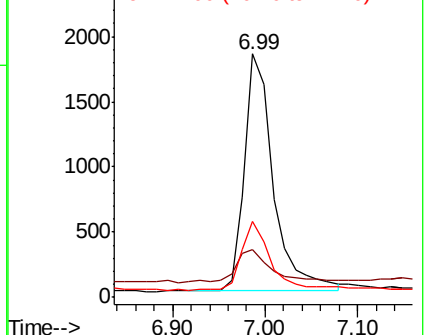
99 100

42 17.1 11.7 17.5

71 29.0 23.0 34.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

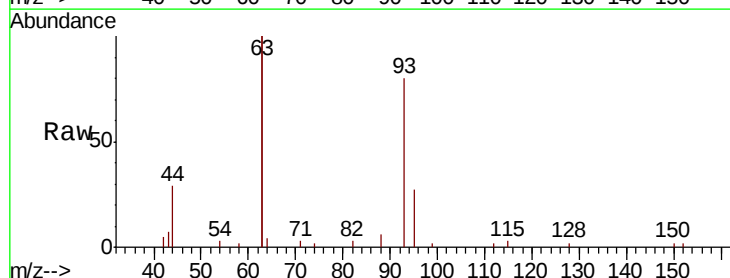
Tgt Ion: 93 Resp: 3866

Ion Ratio Lower Upper

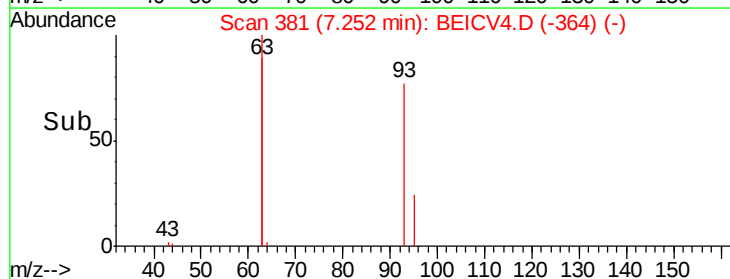
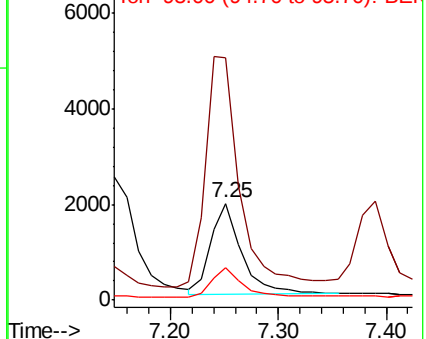
93 100

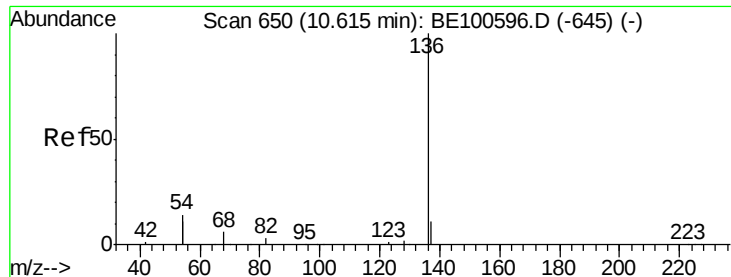
63 273.8 221.0 331.4

95 32.7 25.4 38.0



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

Tot Ion:136 Resp: 14726

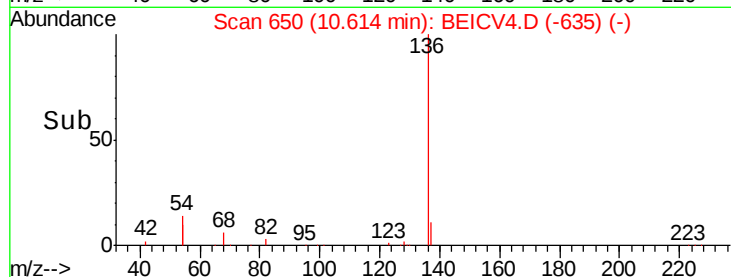
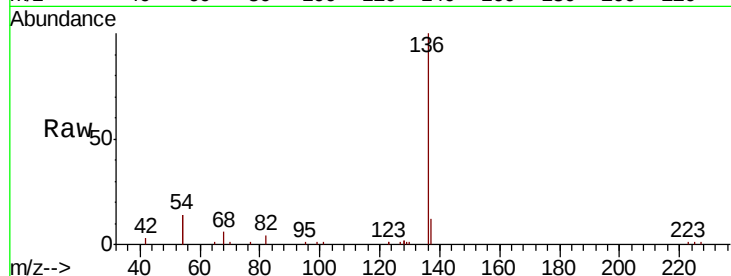
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 27.4 22.4 33.6

68 6.3 5.2 7.8

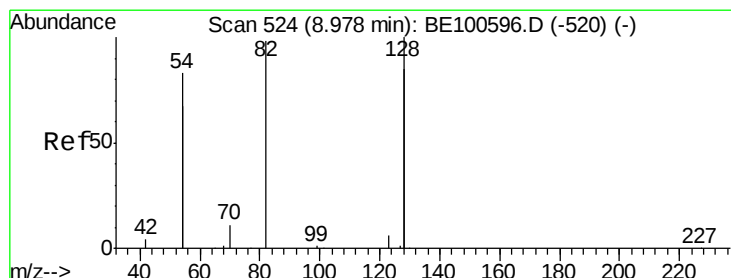
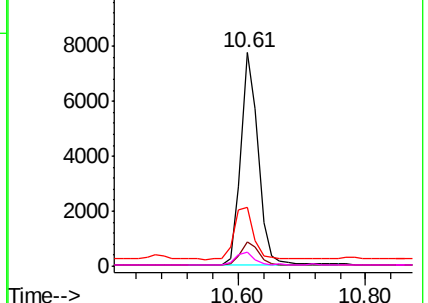


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BEI

Ion 68.00 (67.70 to 68.70): BEI



#8

Nitrobenzene-d5

Concen: 0.357 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

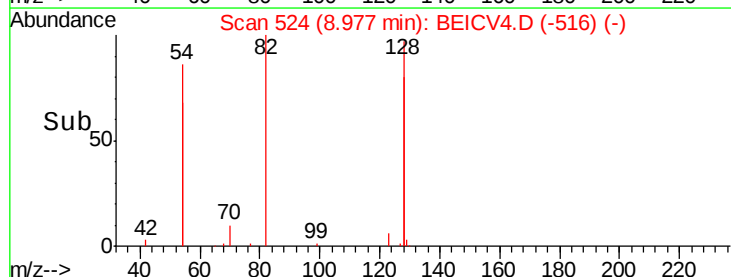
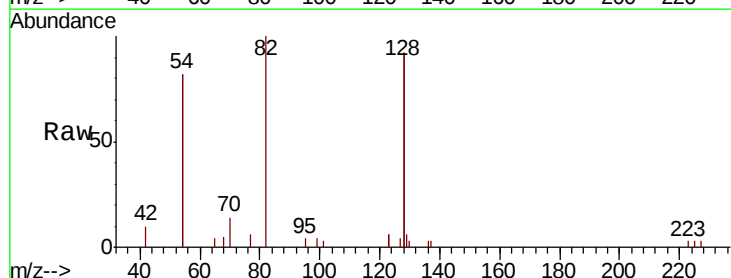
Tgt Ion: 82 Resp: 3278

Ion Ratio Lower Upper

82 100

128 184.4 154.7 232.1

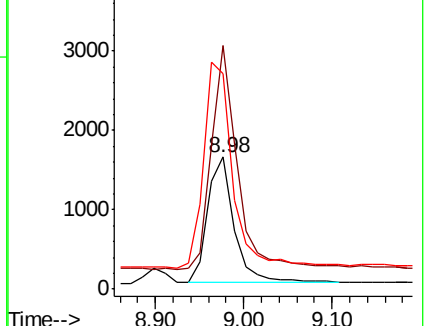
54 163.3 128.5 192.7

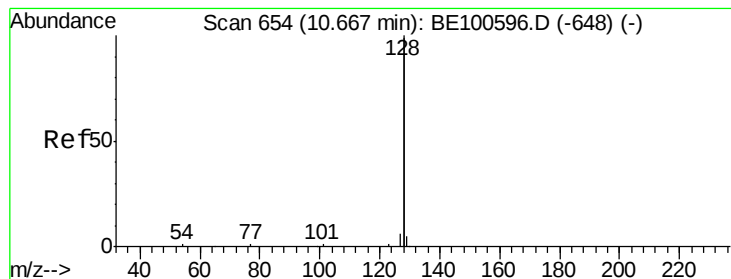


Abundance Ion 82.00 (81.70 to 82.70): BEI

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BEI





#9

Naphthalene

Concen: 0.393 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

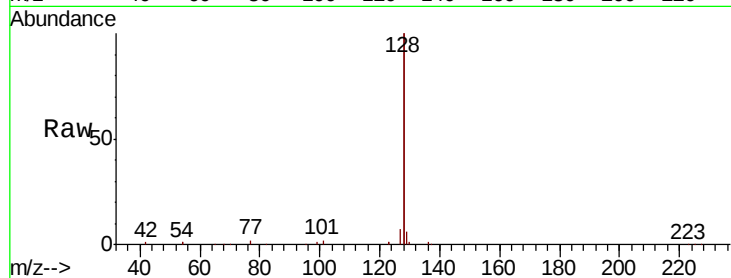
Tot Ion:128 Resp: 59733

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

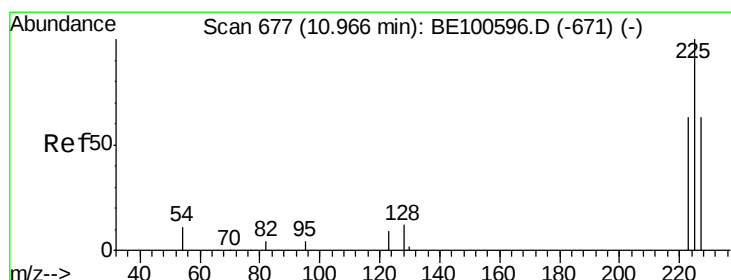
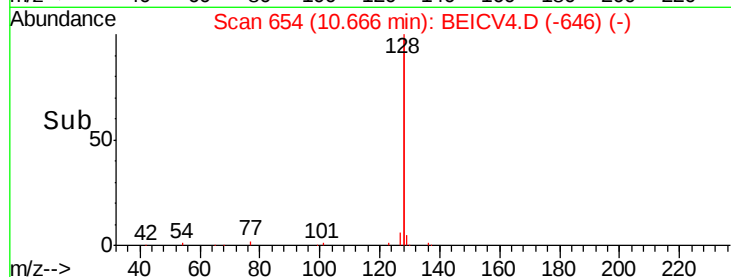
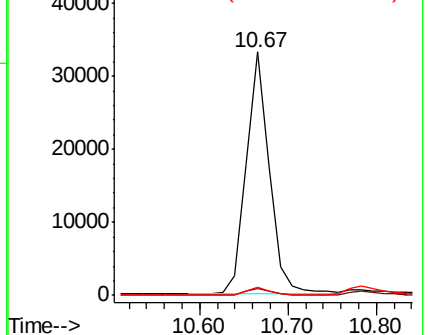
127 3.4 2.6 4.0



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: 0.400 ng

RT: 10.96 min Scan# 677

Delta R.T. -0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

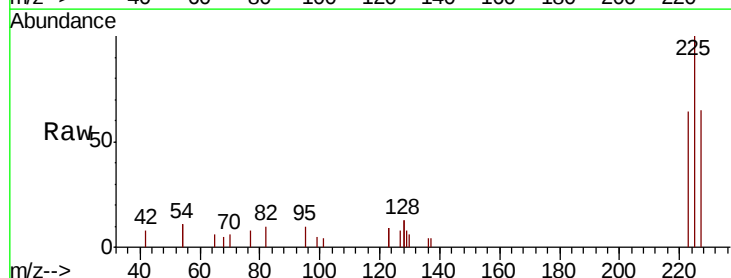
Tgt Ion:225 Resp: 1960

Ion Ratio Lower Upper

225 100

223 62.1 49.8 74.8

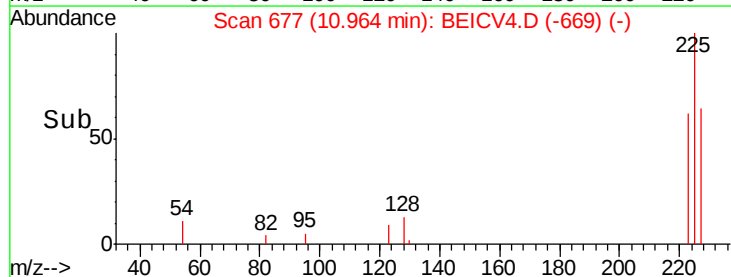
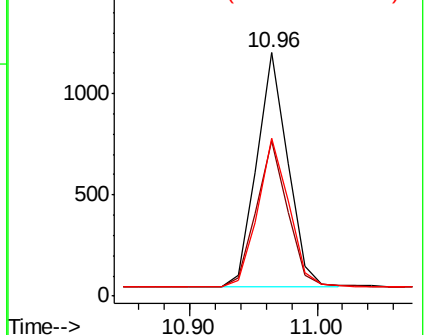
227 63.8 50.1 75.1

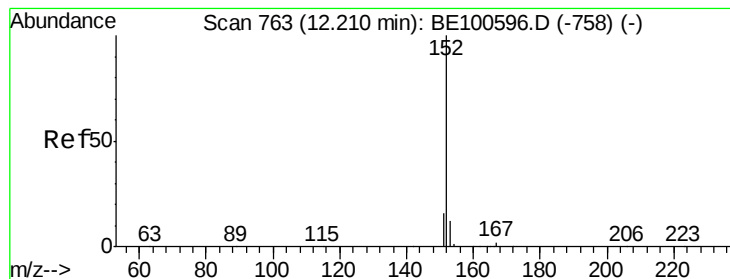


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

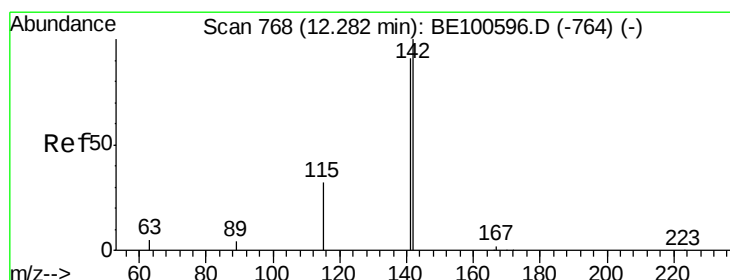
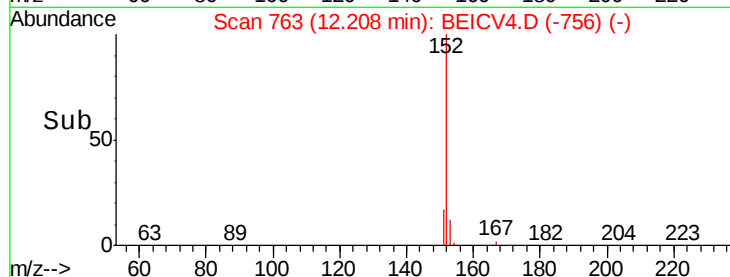
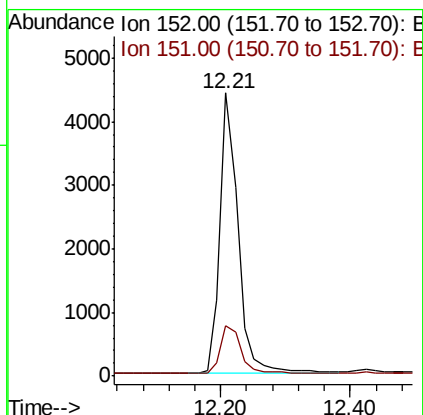
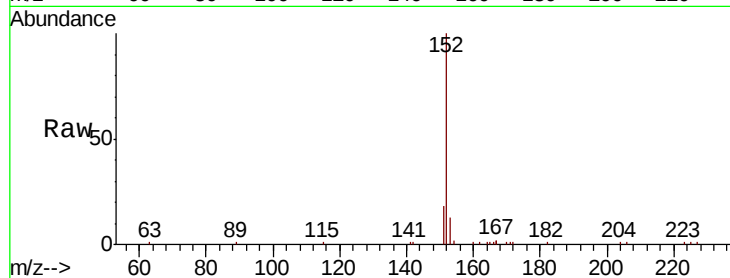




#11
 2-Methylnaphthalene-d10
 Concen: 0.386 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BEICV4.D
 Acq: 3 Oct 2019 21:04

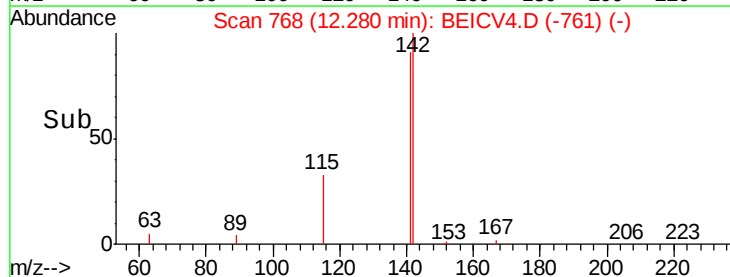
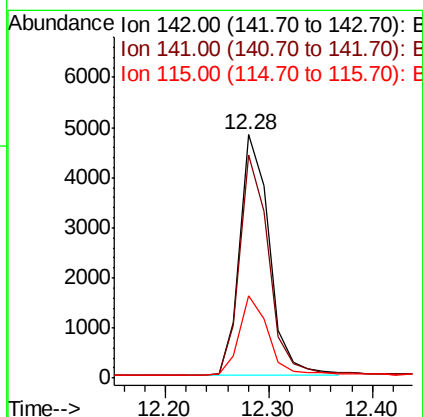
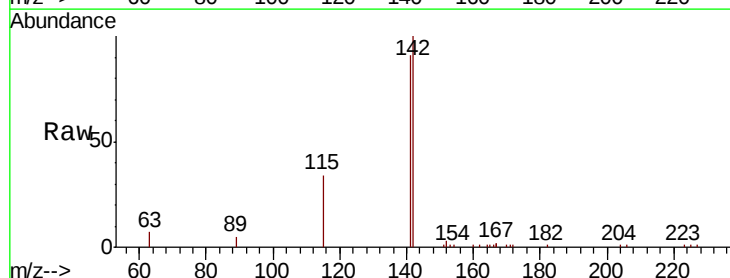
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100319

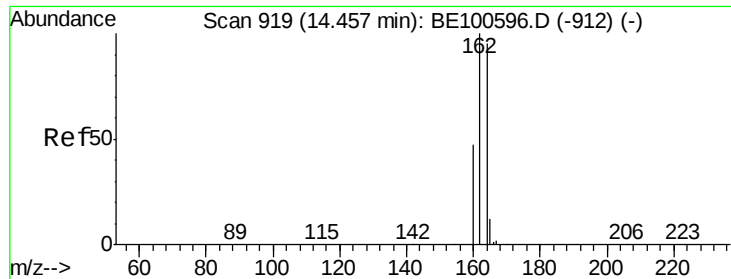
Tot Ion:152 Resp: 8510
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.383 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BEICV4.D
 Acq: 3 Oct 2019 21:04

Tgt Ion:142 Resp: 9563
 Ion Ratio Lower Upper
 142 100
 141 91.4 72.6 108.8
 115 33.6 26.6 40.0

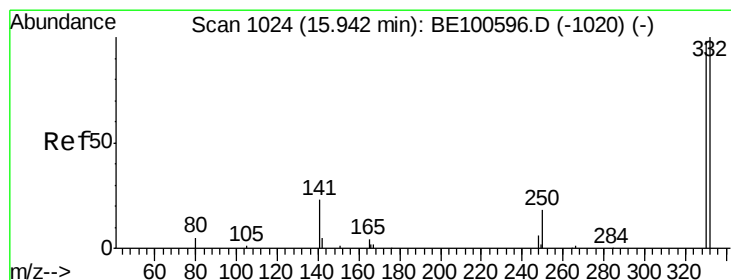
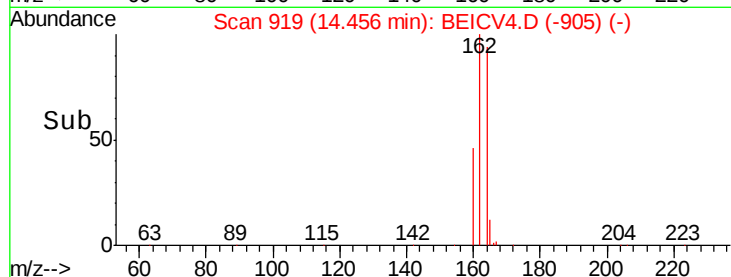
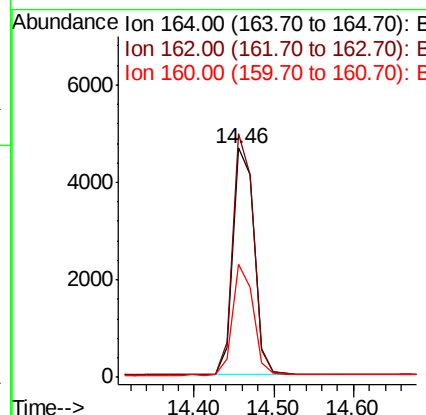
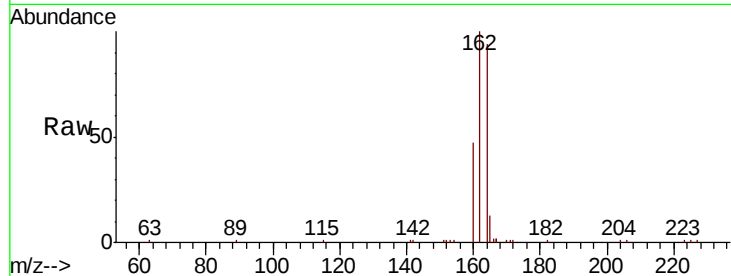




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BEICV4.D
 Acq: 3 Oct 2019 21:04

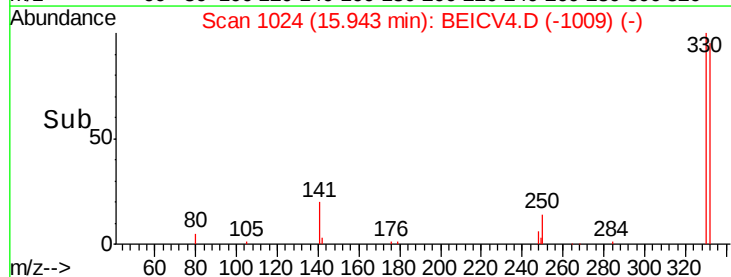
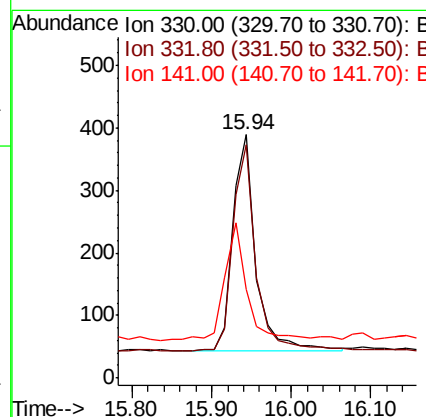
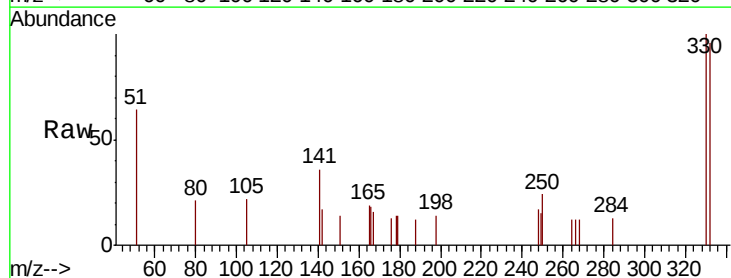
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100319

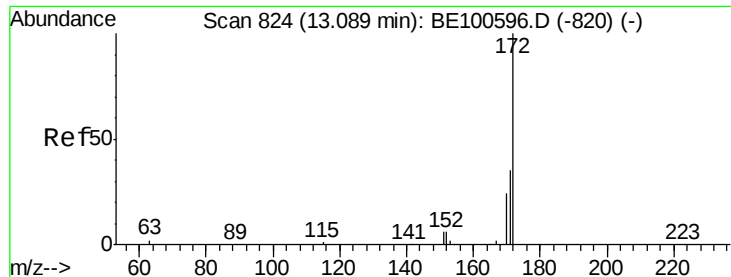
Tot Ion:164 Resp: 8663
 Ion Ratio Lower Upper
 164 100
 162 106.3 84.2 126.4
 160 49.6 40.2 60.4



#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BEICV4.D
 Acq: 3 Oct 2019 21:04

Tgt Ion:330 Resp: 690
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.5 117.7
 141 56.2 39.4 59.0

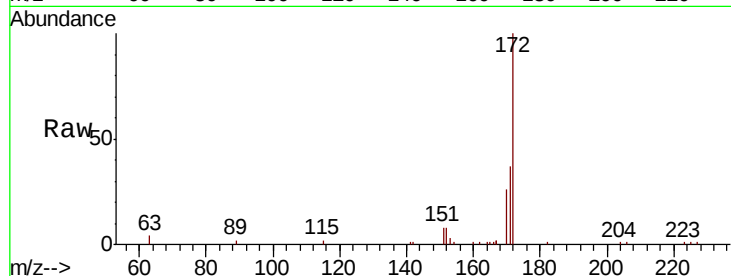




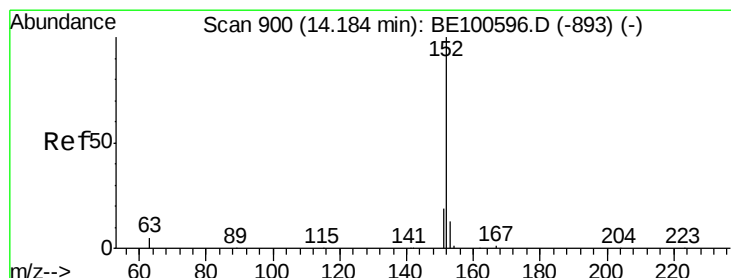
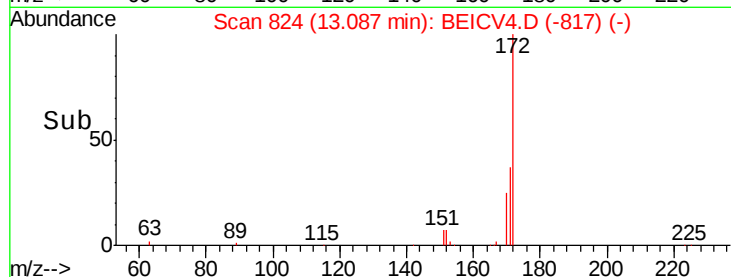
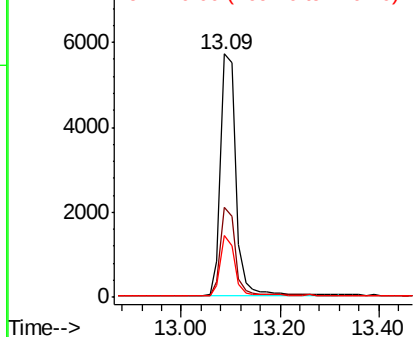
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion:172 Resp: 12119
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 25.6 19.8 29.8

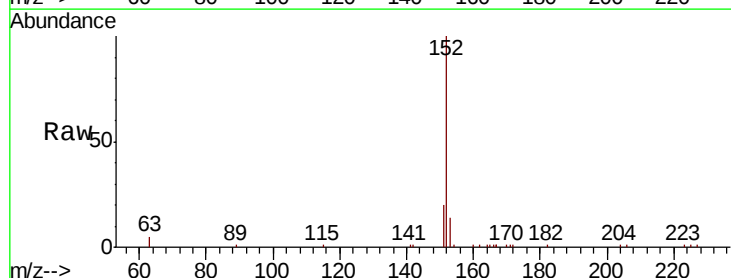


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

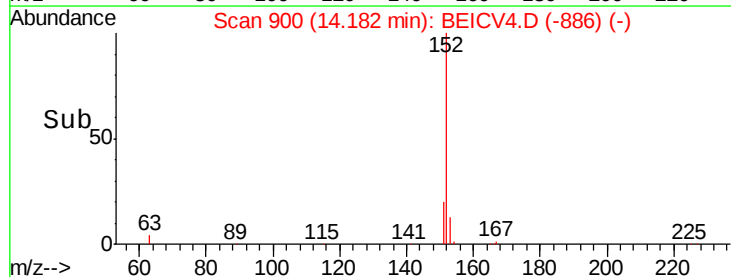
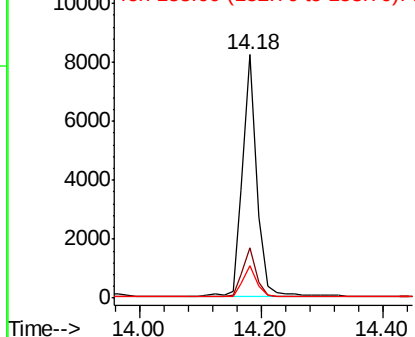


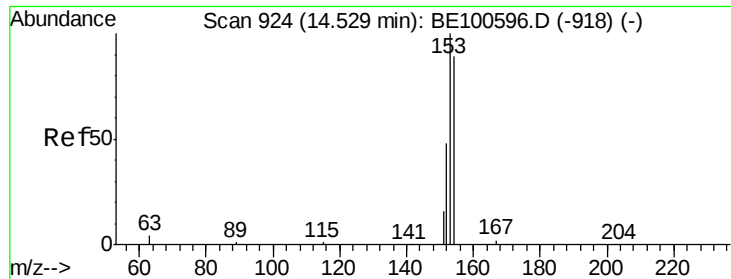
#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:152 Resp: 13585
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

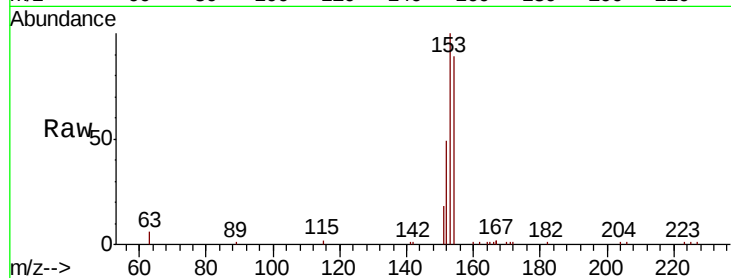




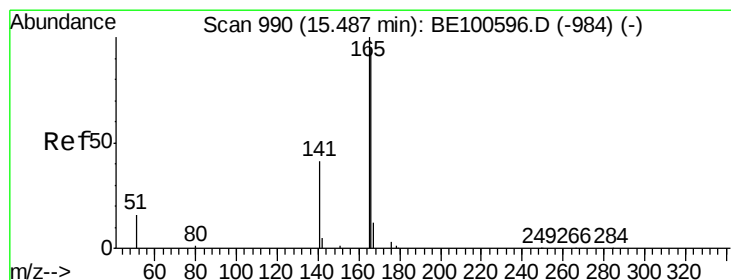
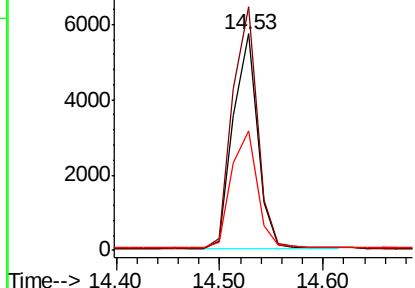
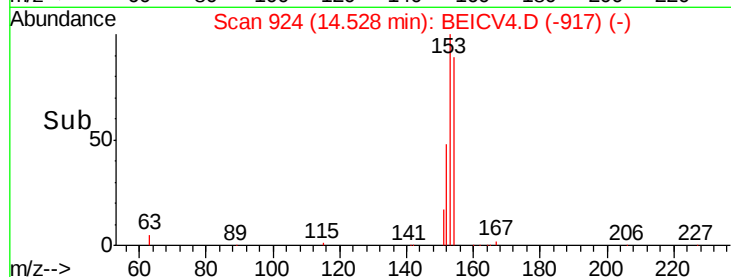
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion:154 Resp: 9310
Ion Ratio Lower Upper
154 100
153 115.8 92.3 138.5
152 58.6 46.2 69.2

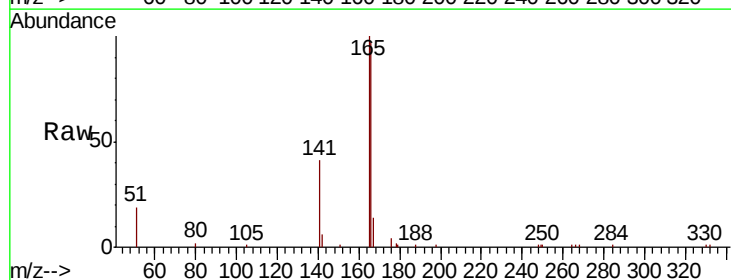


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

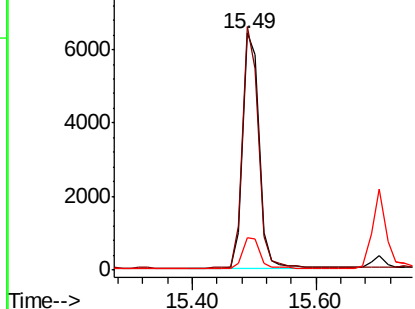
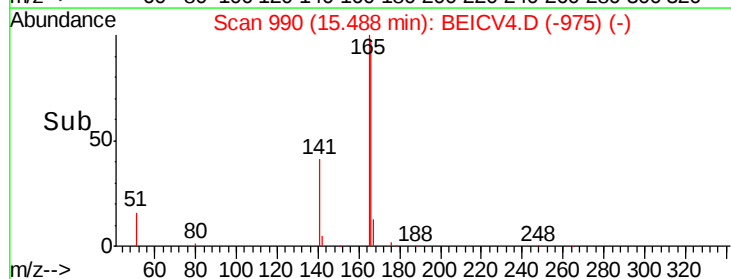


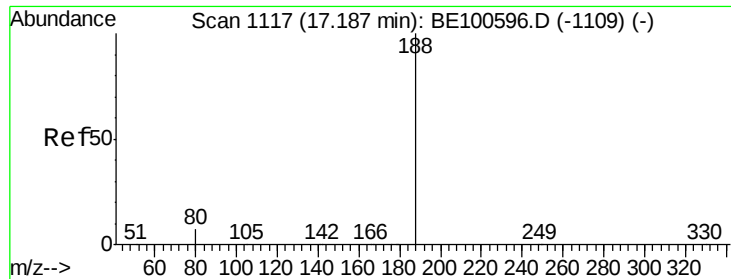
#18
Fluorene
Concen: 0.377 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:166 Resp: 11860
Ion Ratio Lower Upper
166 100
165 98.6 80.4 120.6
167 13.5 10.6 15.8



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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

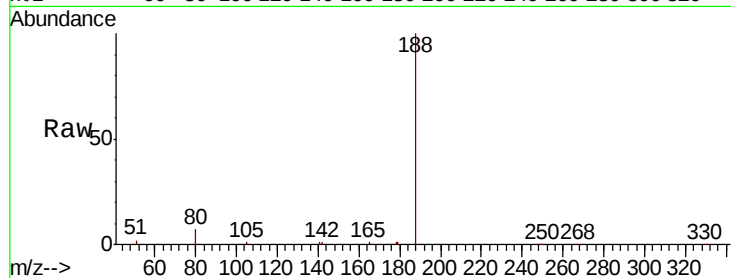
Tot Ion:188 Resp: 20150

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

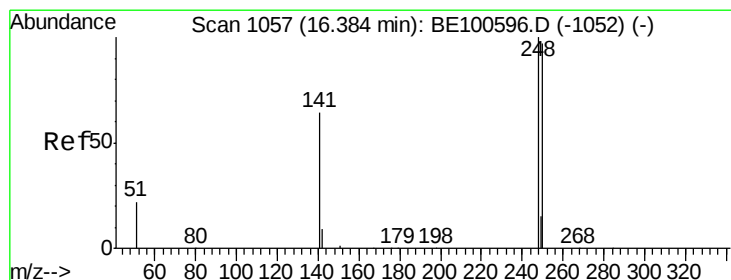
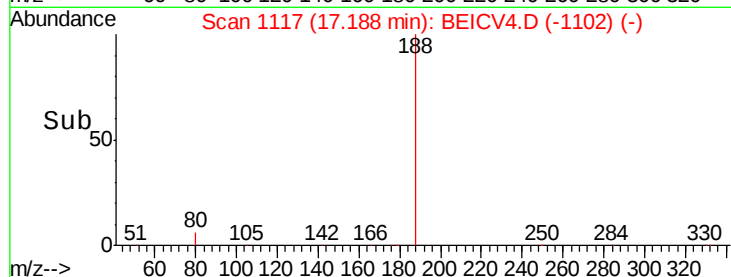
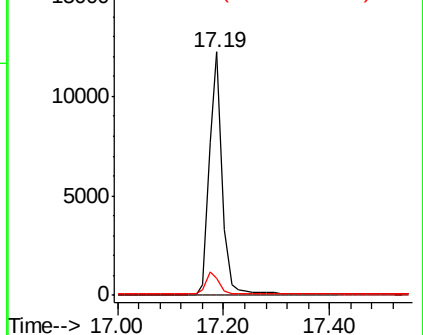
80 6.8 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BEI

Ion 80.00 (79.70 to 80.70): BEI



#20

4-Bromophenyl-phenylether

Concen: 0.363 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

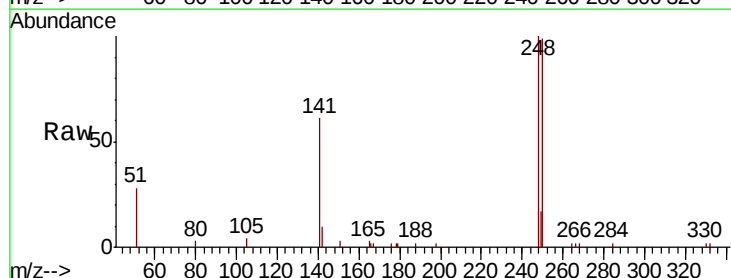
Tgt Ion:248 Resp: 3626

Ion Ratio Lower Upper

248 100

250 99.1 77.4 116.0

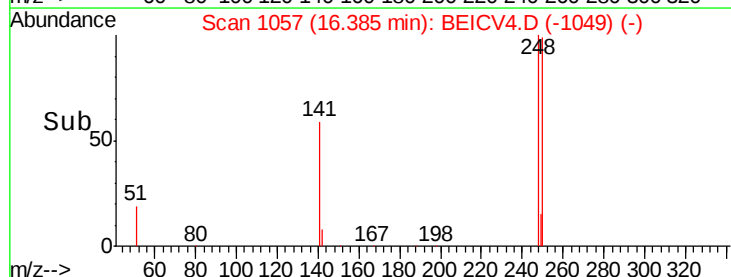
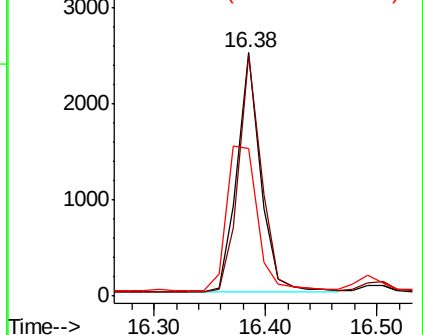
141 60.8 52.1 78.1

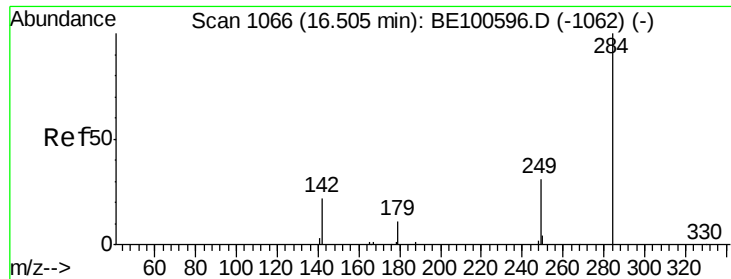


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

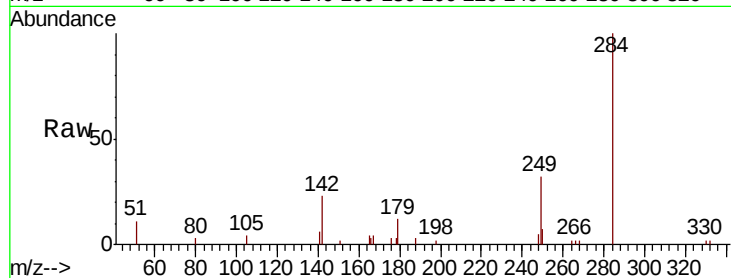




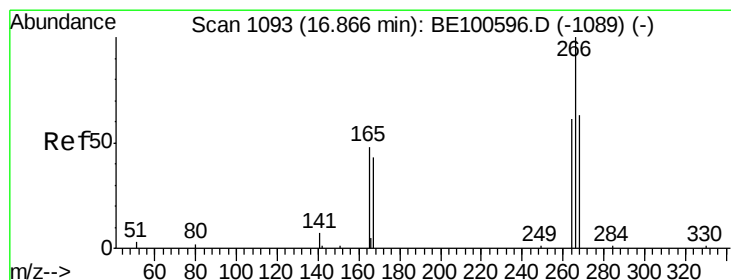
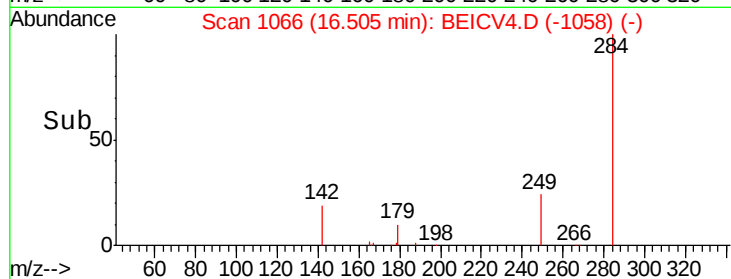
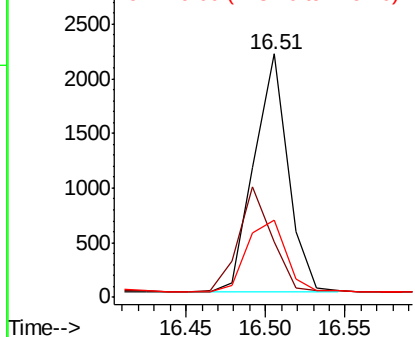
#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.51 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Instrument :
BNA_E
ClientSampleId :
ICVBE100319

Tot Ion:284 Resp: 3224
Ion Ratio Lower Upper
284 100
142 43.1 35.1 52.7
249 34.2 27.2 40.8

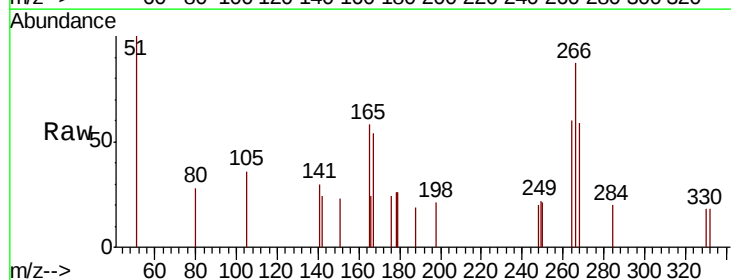


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

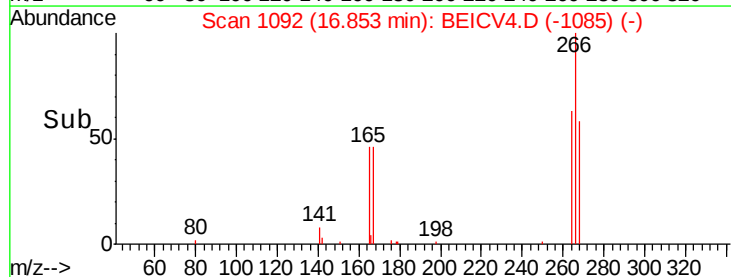
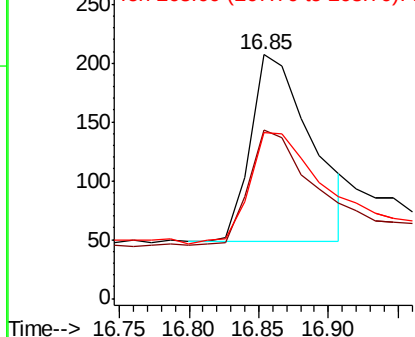


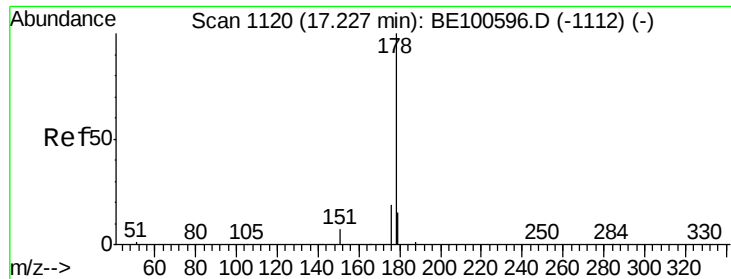
#22
Pentachlorophenol
Concen: 0.464 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:266 Resp: 484
Ion Ratio Lower Upper
266 100
264 69.1 56.3 84.5
268 68.1 60.3 90.5



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

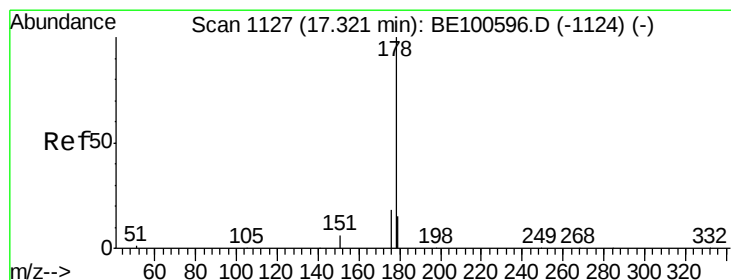
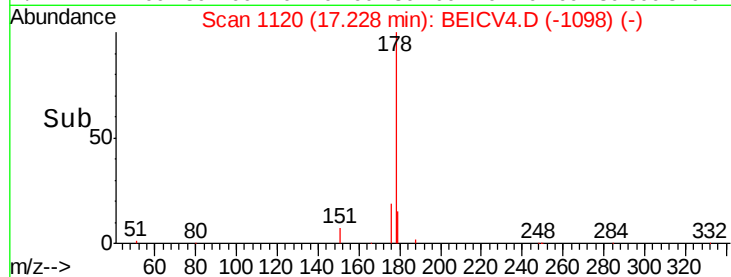
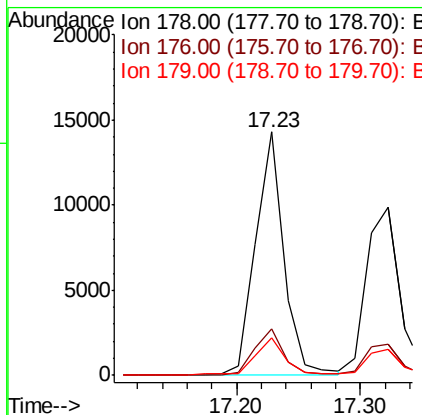
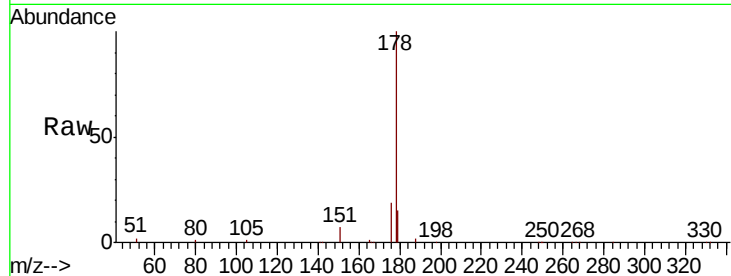




#23
Phenanthrene
Concen: 0.389 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

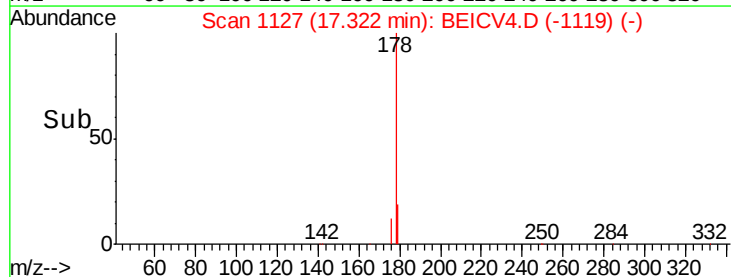
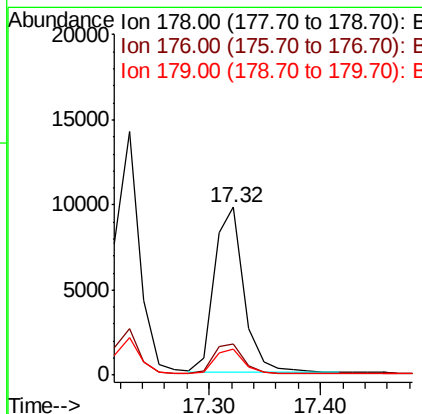
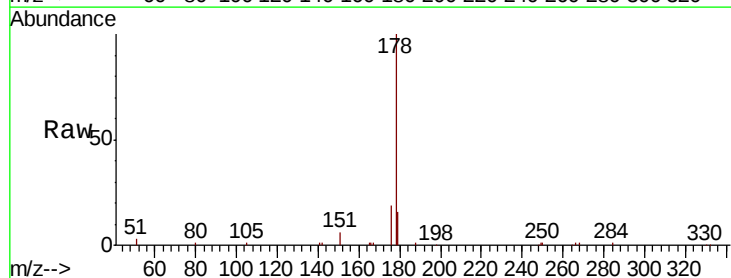
Instrument :
BNA_E
ClientSampleId :
ICVBE100319

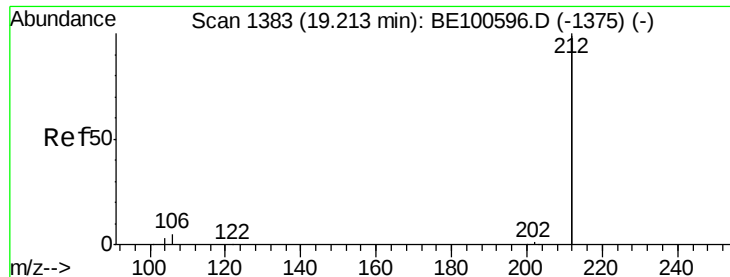
Tot Ion:178 Resp: 22289
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.2 12.3 18.5



#24
Anthracene
Concen: 0.363 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:178 Resp: 17910
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.2 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.21 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

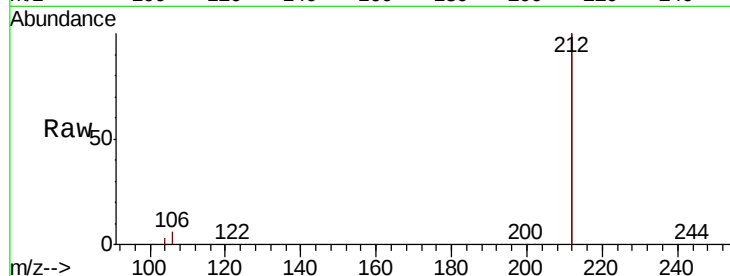
Tot Ion:212 Resp: 91605

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

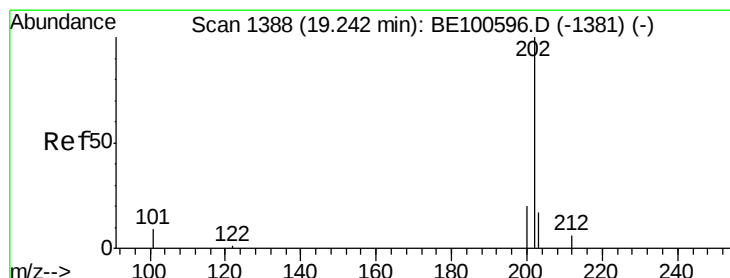
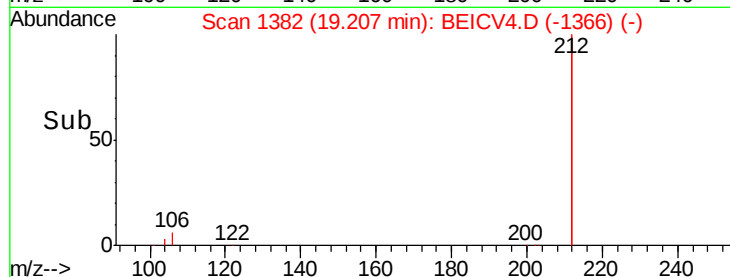
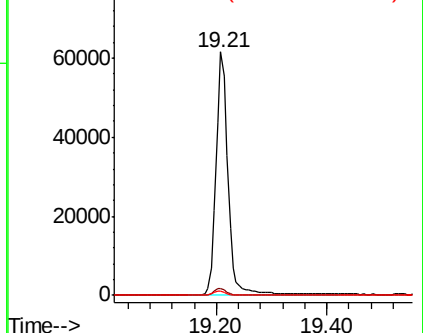
104 1.7 1.3 1.9



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: 0.380 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

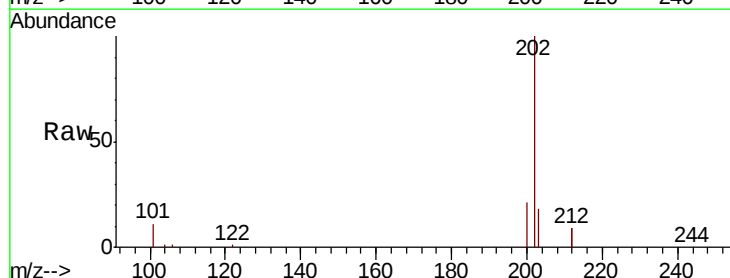
Tgt Ion:202 Resp: 26821

Ion Ratio Lower Upper

202 100

101 10.8 8.6 12.8

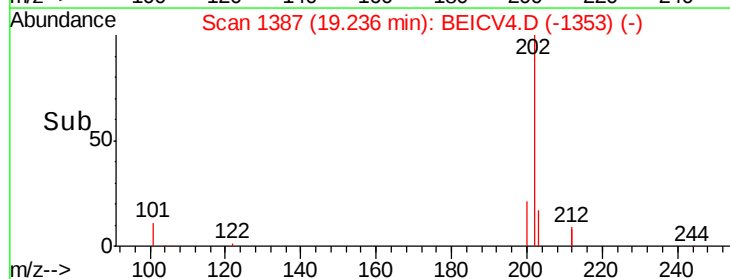
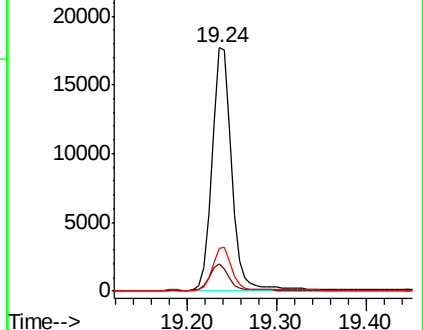
203 17.2 13.8 20.6

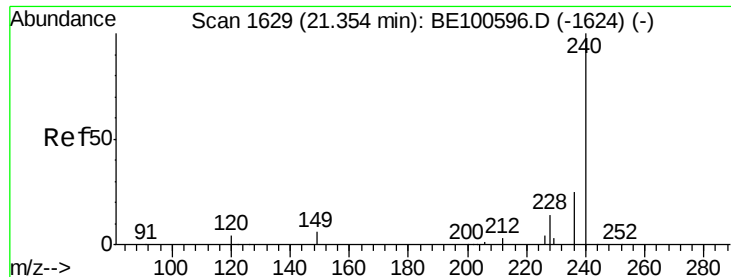


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

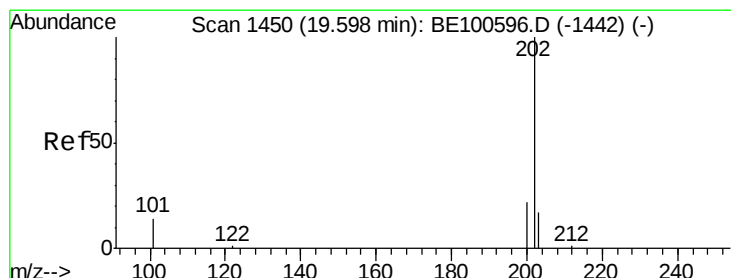
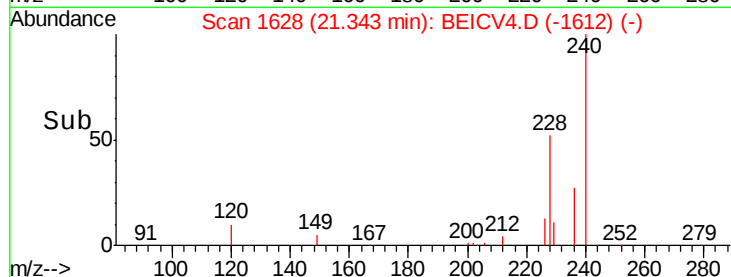
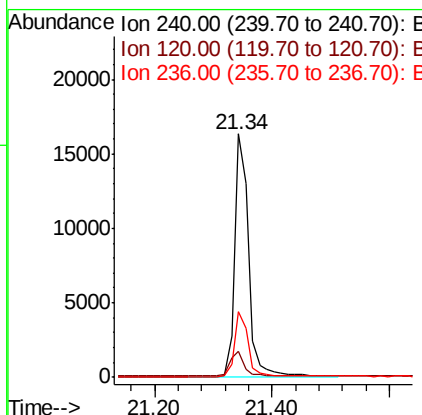
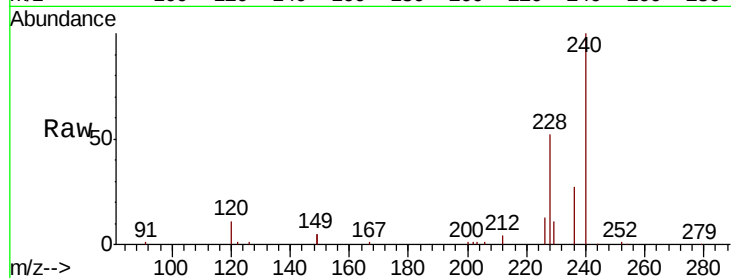




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BEICV4.D
 Acq: 3 Oct 2019 21:04

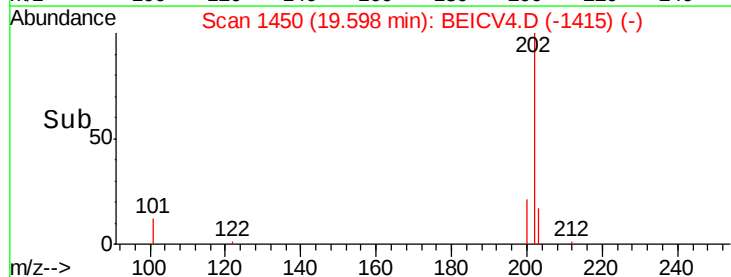
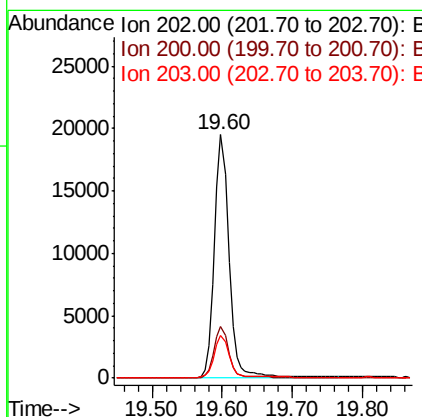
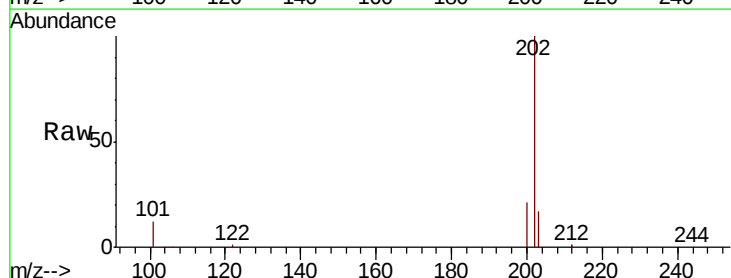
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100319

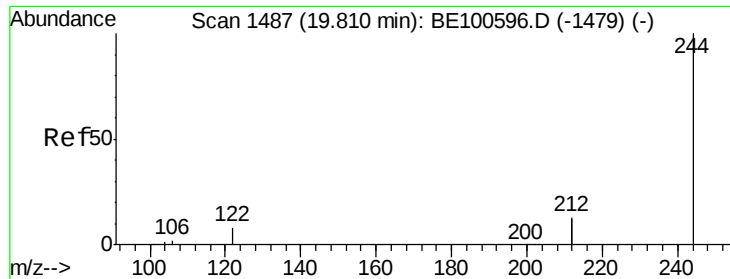
Tot Ion:240 Resp: 26885
 Ion Ratio Lower Upper
 240 100
 120 10.8 3.6 5.4#
 236 26.9 20.5 30.7



#28
 Pyrene
 Concen: 0.403 ng
 RT: 19.60 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BEICV4.D
 Acq: 3 Oct 2019 21:04

Tgt Ion:202 Resp: 27749
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.8 25.2
 203 17.8 14.1 21.1





#29

Terphenyl-d14

Concen: 0.386 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

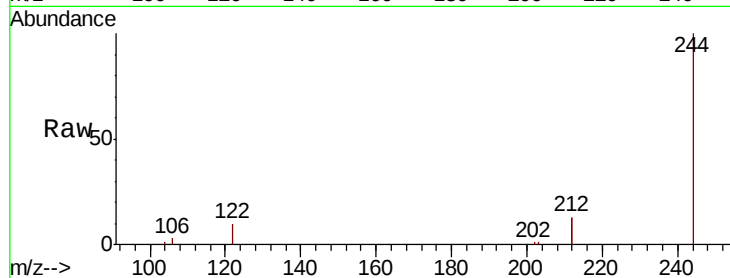
Tot Ion:244 Resp: 22944

Ion Ratio Lower Upper

244 100

212 27.0 20.6 31.0

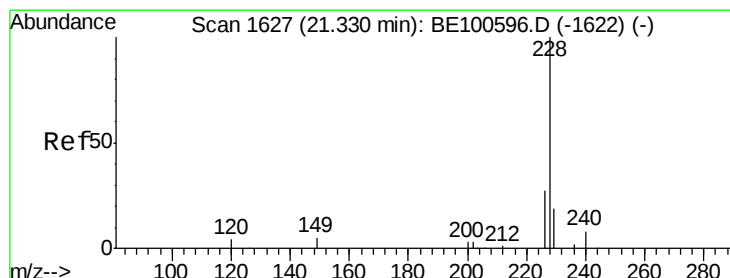
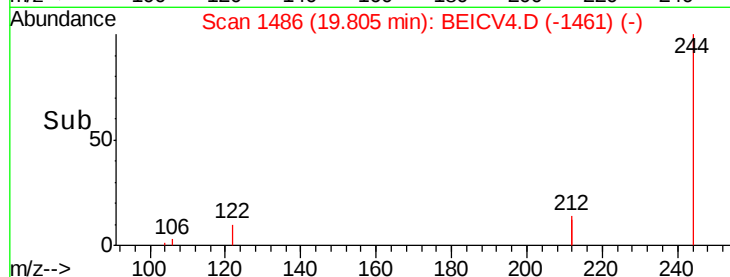
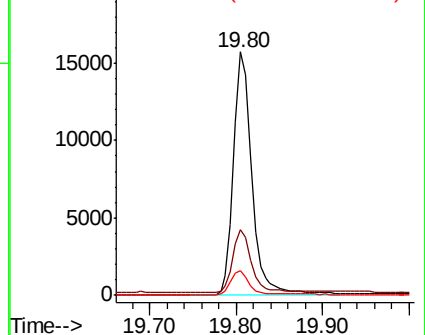
122 9.9 6.5 9.7#



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: 0.380 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

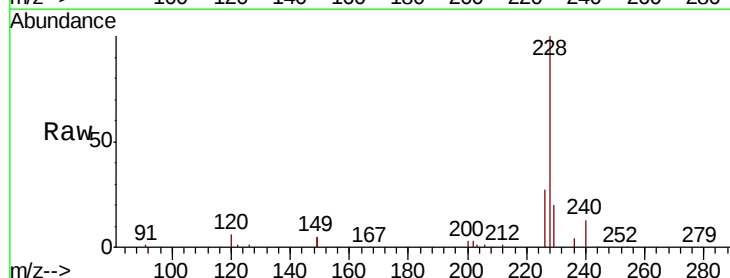
Tgt Ion:228 Resp: 28596

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

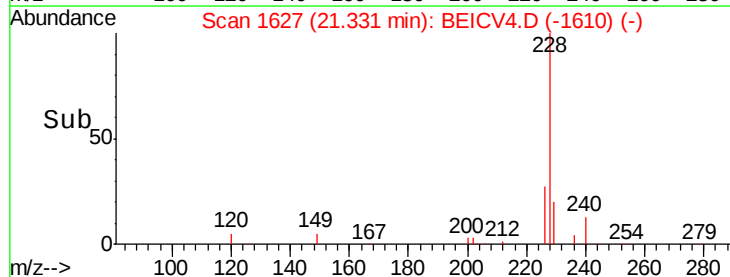
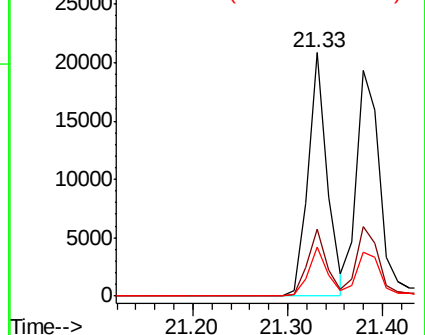
229 20.0 15.6 23.4

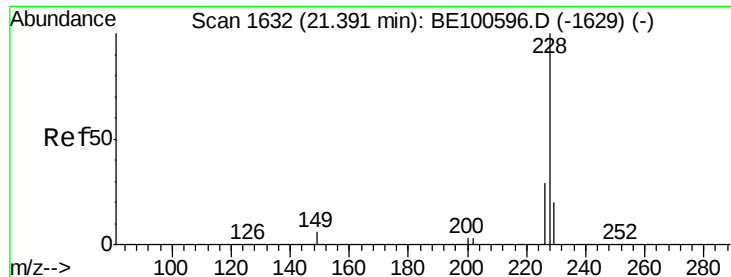


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

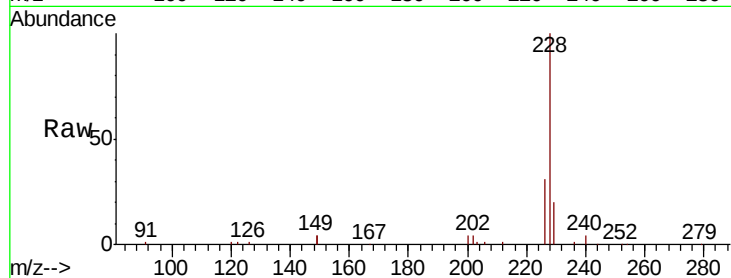
Tot Ion:228 Resp: 31608

Ion Ratio Lower Upper

228 100

226 31.0 22.7 34.1

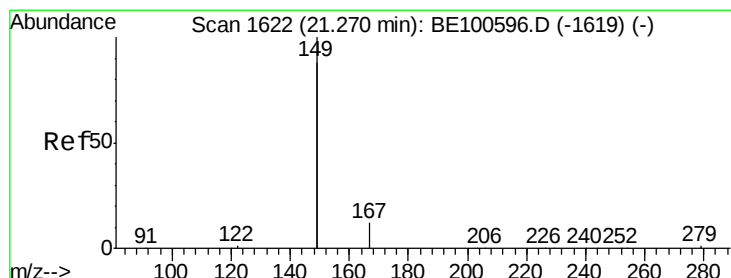
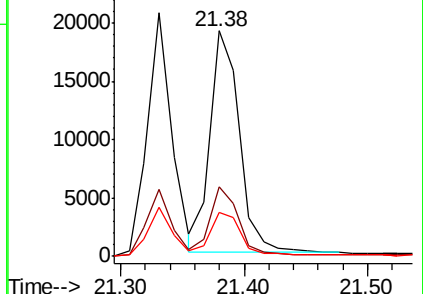
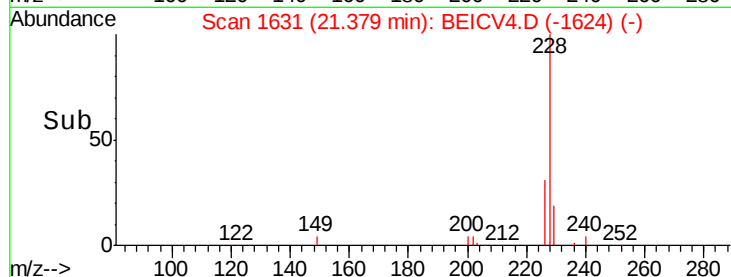
229 19.6 16.3 24.5



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: 0.328 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

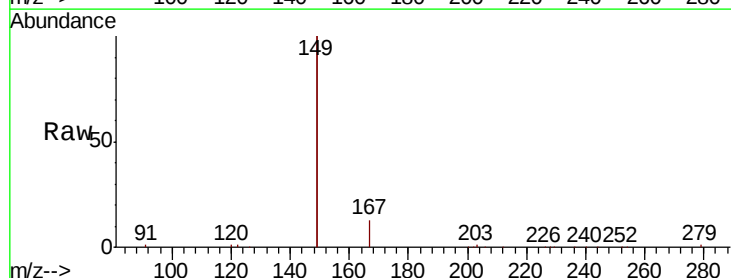
Tgt Ion:149 Resp: 47054

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

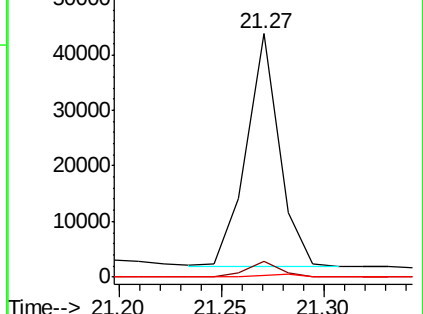
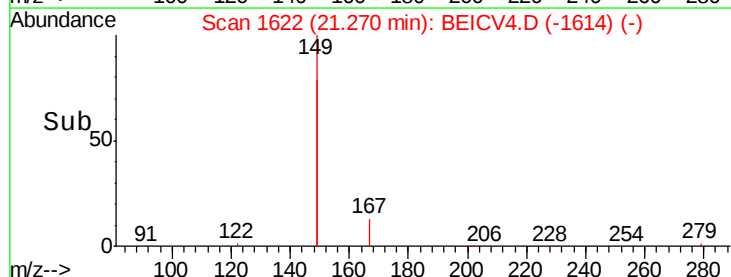
279 1.2 0.9 1.3

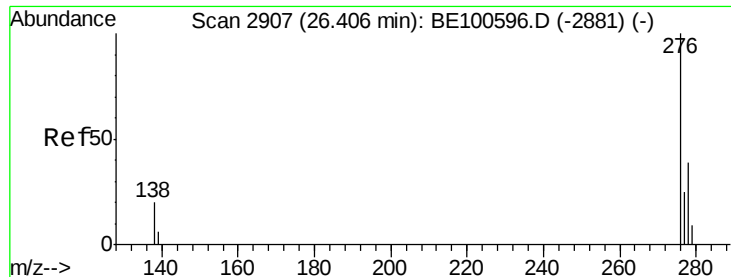


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

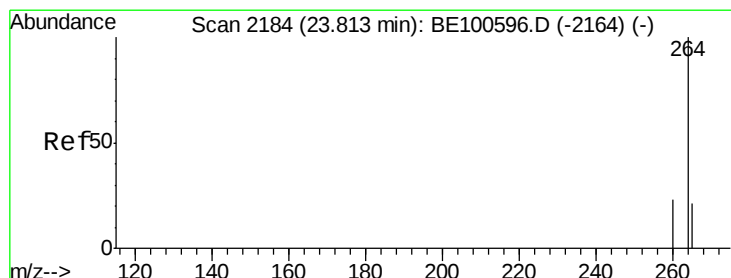
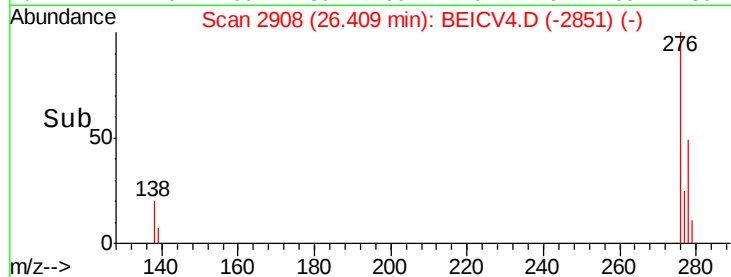
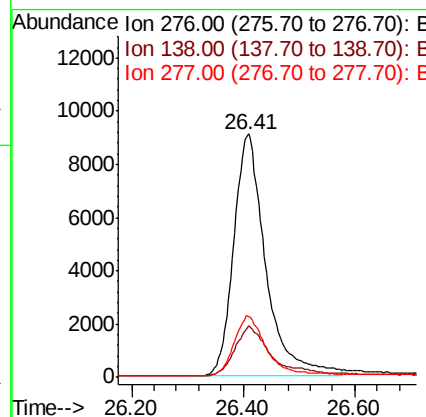
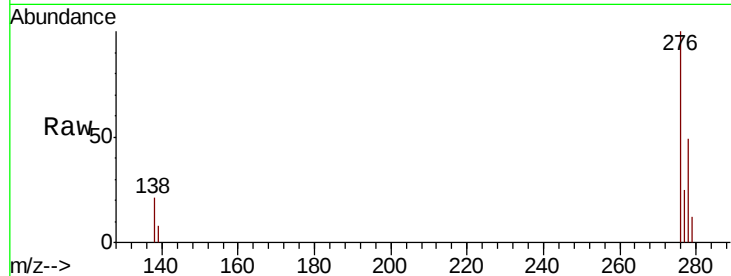




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.384 ng
 RT: 26.41 min Scan# 2908
 Delta R.T. 0.00 min
 Lab File: BEICV4.D
 Acq: 3 Oct 2019 21:04

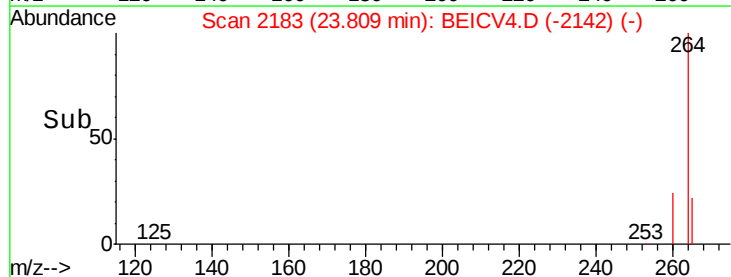
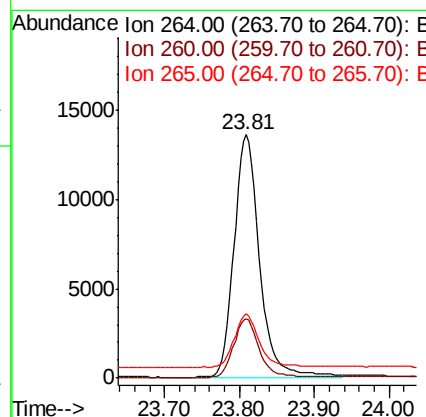
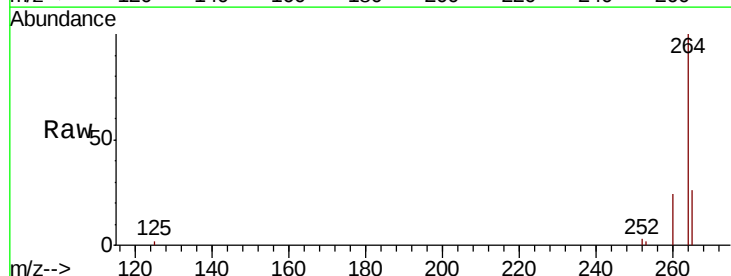
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE100319

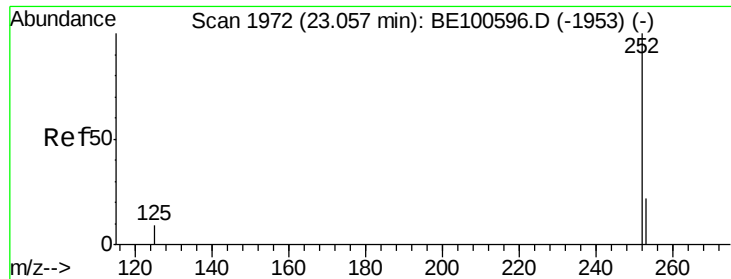
Tot Ion:276 Resp: 36380
 Ion Ratio Lower Upper
 276 100
 138 20.6 17.8 26.8
 277 24.0 19.8 29.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.81 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BEICV4.D
 Acq: 3 Oct 2019 21:04

Tgt Ion:264 Resp: 32240
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.4
 265 26.3 20.9 31.3

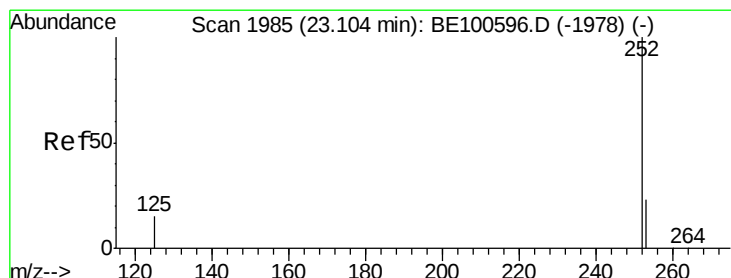
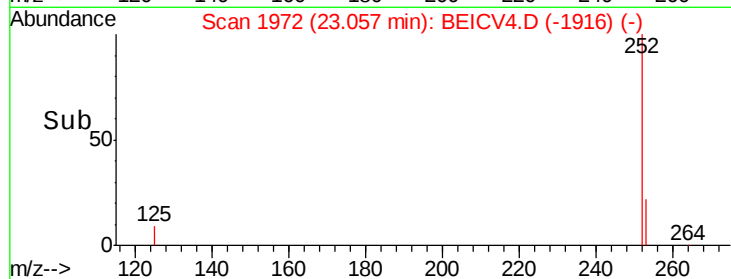
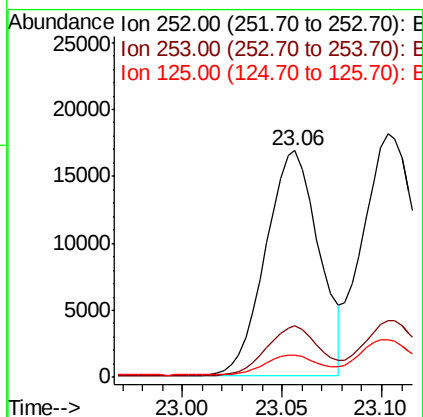
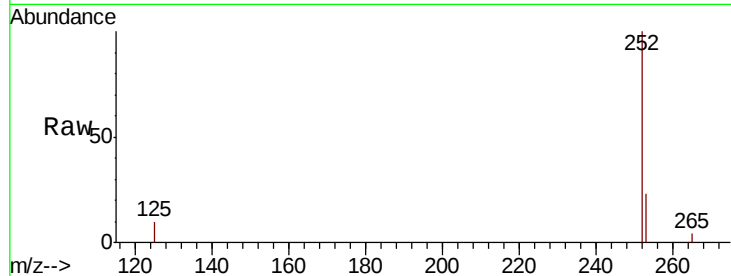




#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 23.06 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

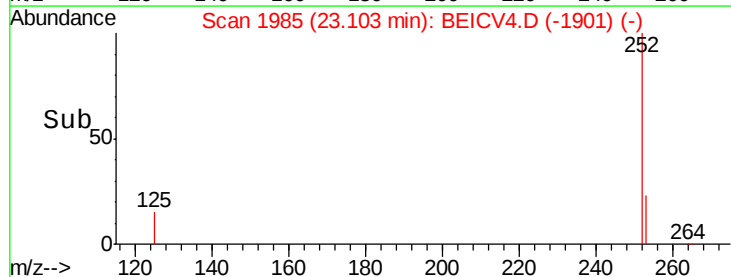
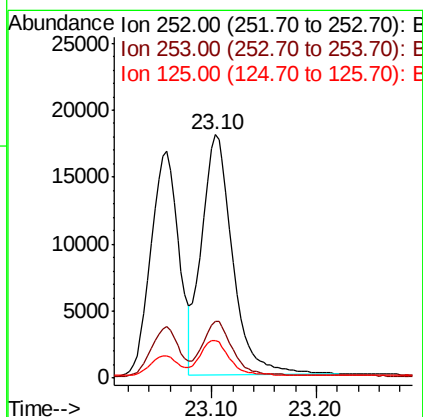
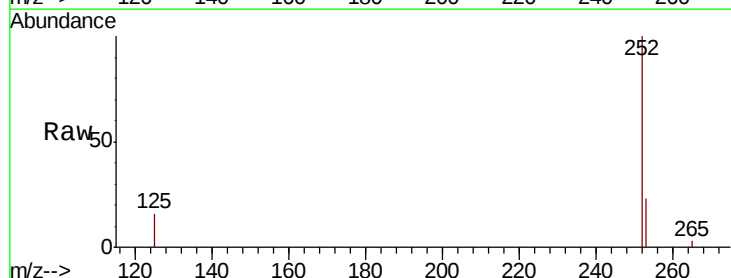
Instrument :
BNA_E
ClientSampleId :
ICVBE100319

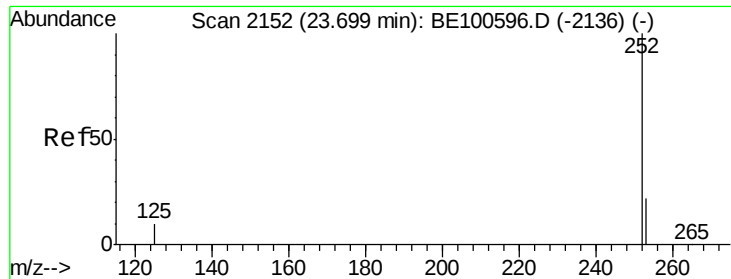
Tot Ion:252 Resp: 31240
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 9.8 7.9 11.9



#36
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BEICV4.D
Acq: 3 Oct 2019 21:04

Tgt Ion:252 Resp: 37174
Ion Ratio Lower Upper
252 100
253 23.4 18.6 28.0
125 15.6 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.363 ng

RT: 23.70 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

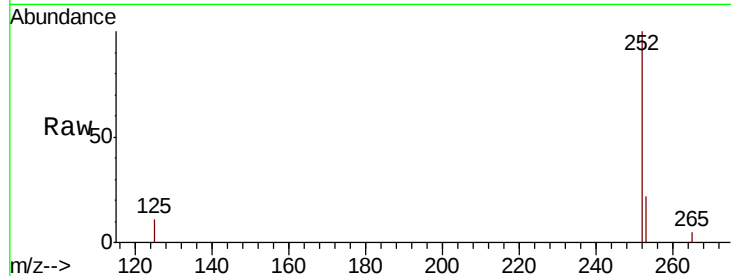
Tot Ion:252 Resp: 29109

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

125 11.0 8.8 13.2

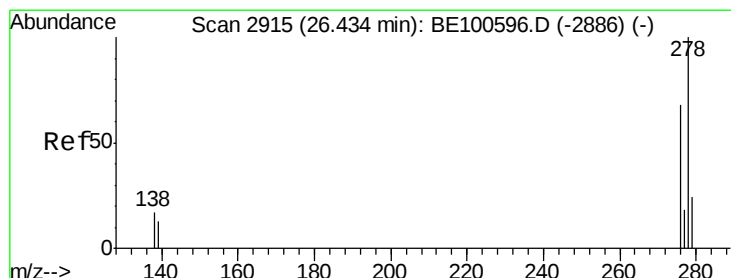
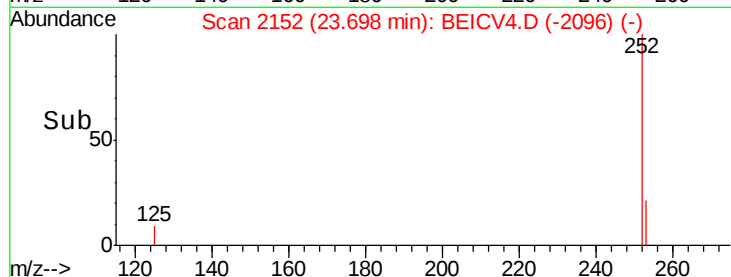
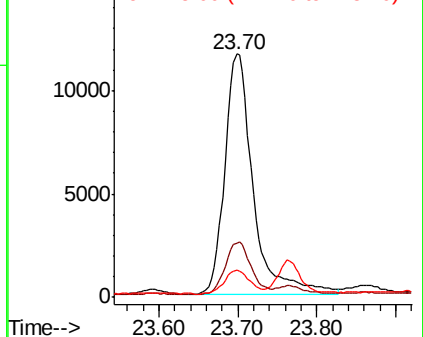


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.360 ng

RT: 26.43 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

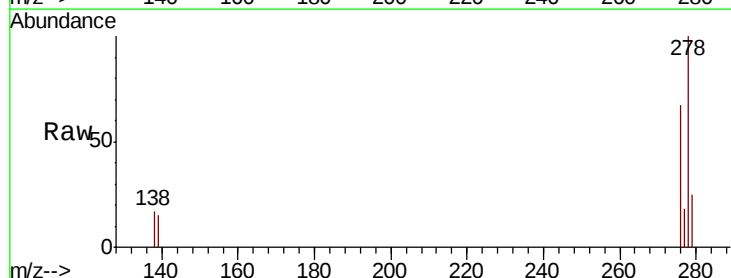
Tgt Ion:278 Resp: 30377

Ion Ratio Lower Upper

278 100

139 14.5 11.0 16.4

279 24.7 19.7 29.5

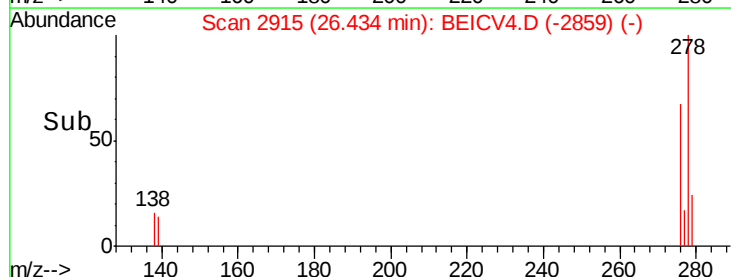
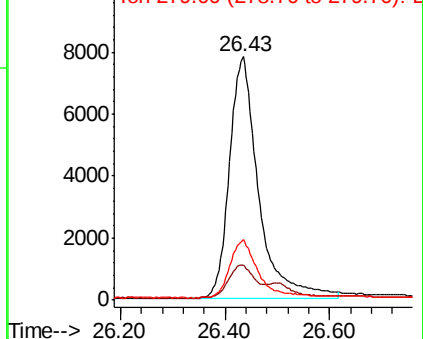


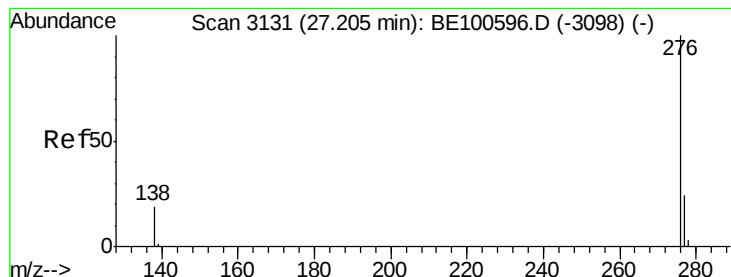
Abundance

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: 0.370 ng

RT: 27.20 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BEICV4.D

Acq: 3 Oct 2019 21:04

Instrument :

BNA_E

ClientSampleId :

ICVBE100319

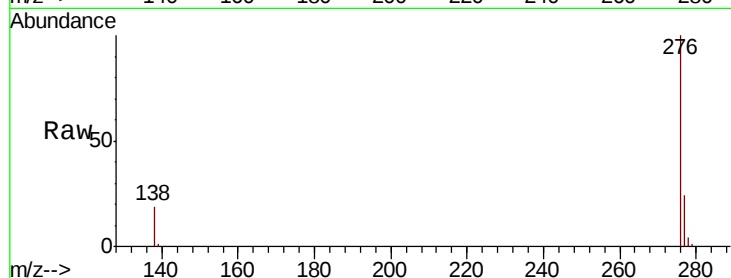
Tot Ion: 276 Resp: 31627

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 19.0 15.6 23.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

