

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099673.D
 Acq On : 20 May 2019 22:57
 Operator : JU/SJ
 Sample : K2838-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

Quant Time: May 21 06:42:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1589	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5069	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3469	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10761	0.40	ng	0.00
27) Chrysene-d12	21.43	240	13713	0.40	ng	0.01
34) Perylene-d12	23.96	264	16898	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	812	0.20	ng	0.01
5) Phenol-d6	6.97	99	634	0.12	ng	0.00
8) Nitrobenzene-d5	8.98	82	1934	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4189	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	790	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	7312	0.56	ng	0.00
25) Fluoranthene-d10	19.26	212	70349	0.48	ng	0.00
29) Terphenyl-d14	19.86	244	16598	0.68	ng	0.00

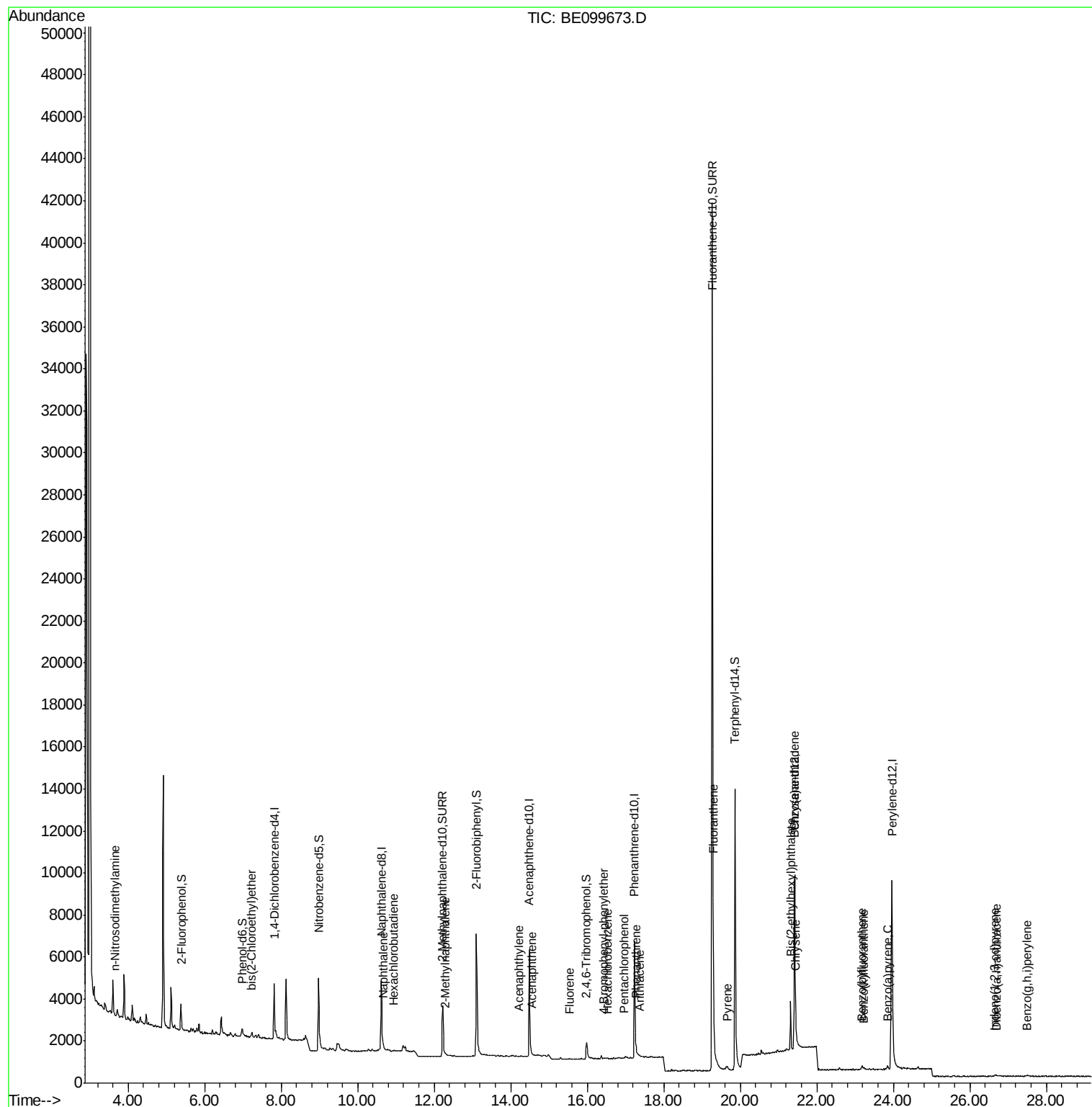
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.67	42	15	0.012	ng	# 1
6) bis(2-Chloroethyl)ether	7.22	93	38	0.008	ng	# 1
9) Naphthalene	10.67	128	349	0.006	ng	# 67
10) Hexachlorobutadiene	10.94	225	29	0.007	ng	# 82
12) 2-Methylnaphthalene	12.30	142	38	0.004	ng	# 70
16) Acenaphthylene	14.21	152	20	0.001	ng	# 37
17) Acenaphthene	14.54	154	10	0.001	ng	# 71
18) Fluorene	15.53	166	52	0.004	ng	# 70
20) 4-Bromophenyl-phenylether	16.43	248	19	0.003	ng	# 72
21) Hexachlorobenzene	16.53	284	21	0.003	ng	# 70
22) Pentachlorophenol	16.96	266	9	0.185	ng	# 76
23) Phenanthrene	17.27	178	271	0.010	ng	# 99
24) Anthracene	17.36	178	97	0.004	ng	# 90
26) Fluoranthene	19.29	202	235	0.006	ng	# 95
28) Pyrene	19.65	202	177	0.005	ng	# 98
30) Benzo(a)anthracene	21.41	228	164	0.004	ng	# 30
31) Chrysene	21.45	228	131	0.003	ng	# 48
32) Bis(2-ethylhexyl)phthalate	21.32	149	2967	0.066	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.66	276	54	0.001	ng	# 72
35) Benzo(b)fluoranthene	23.19	252	138	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.23	252	129	0.003	ng	# 1
37) Benzo(a)pyrene	23.85	252	58	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.70	278	21	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.50	276	48	0.001	ng	# 1

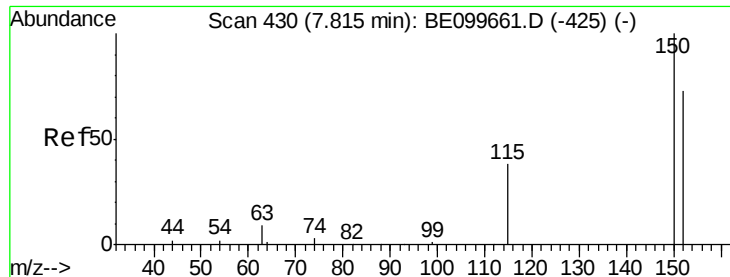
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
Data File : BE099673.D
Acq On : 20 May 2019 22:57
Operator : JU/SJ
Sample : K2838-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FEBH-05(33-33.5)

Quant Time: May 21 06:42:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

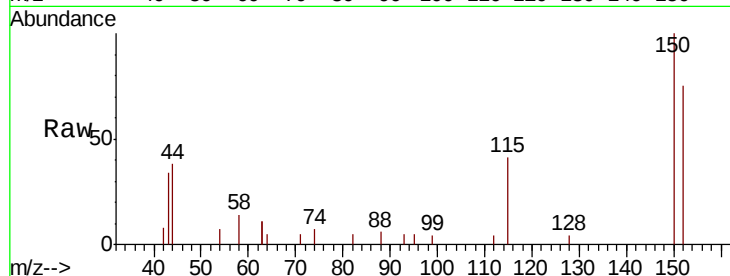
Tgt Ion:152 Resp: 1589

Ion Ratio Lower Upper

152 100

150 133.8 109.2 163.8

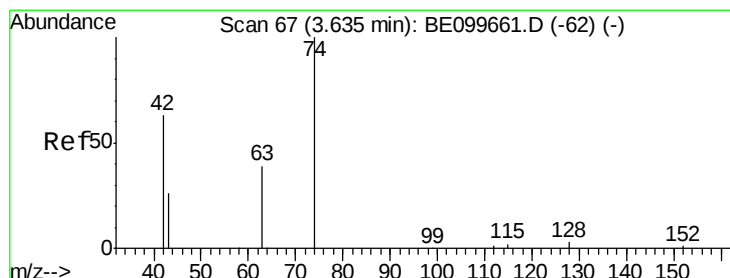
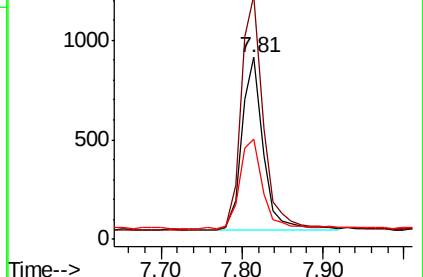
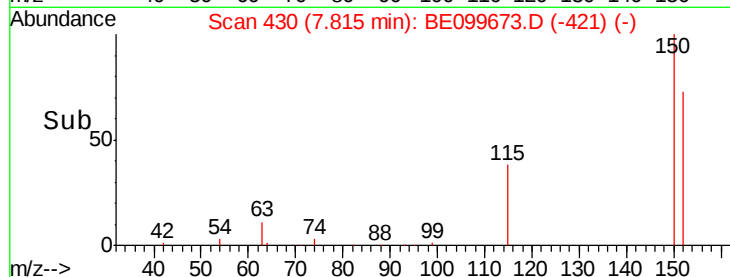
115 54.9 43.7 65.5



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



#3

n-Nitrosodimethylamine

Concen: 0.012 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.03 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

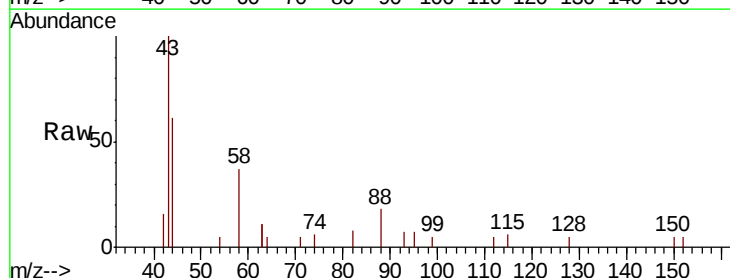
Tgt Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 0.0 129.2 193.8#

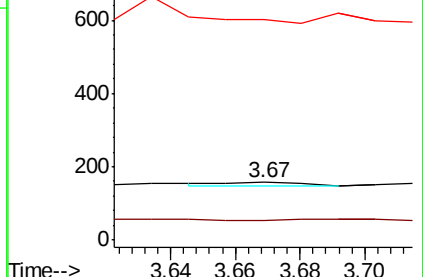
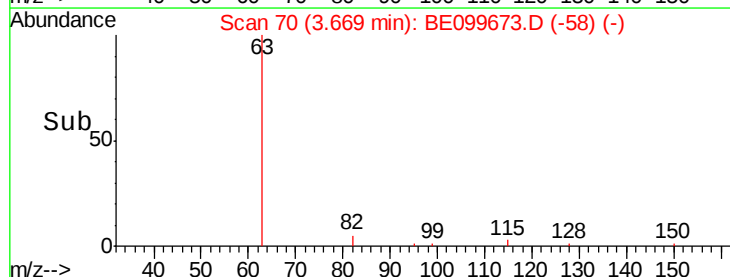
44 0.0 0.0 0.0

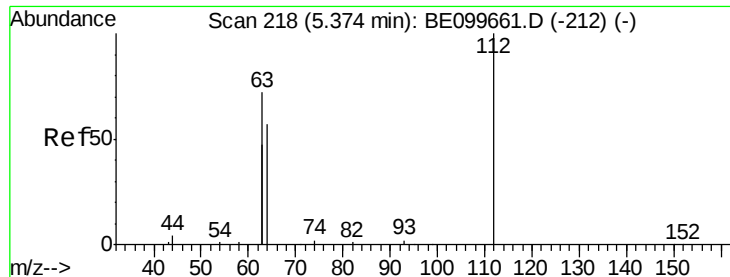


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.202 ng

RT: 5.38 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

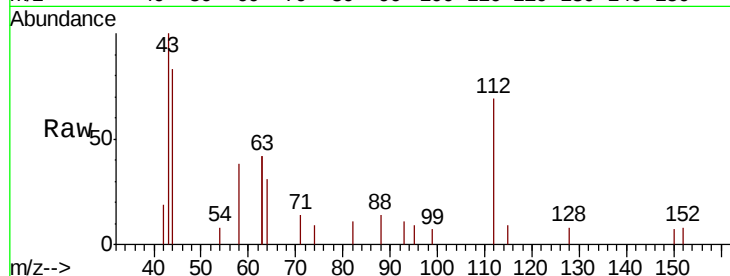
Tgt Ion: 112 Resp: 812

Ion Ratio Lower Upper

112 100

64 50.5 43.4 65.2

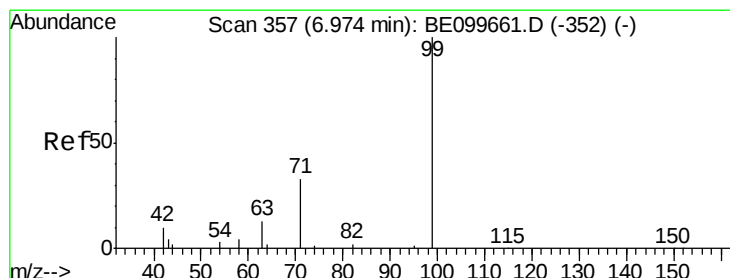
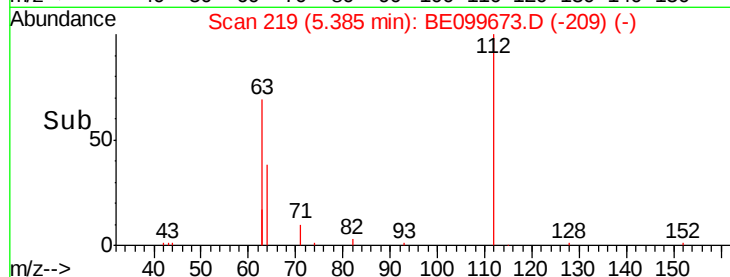
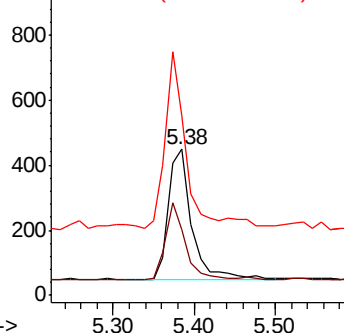
63 111.3 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.119 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

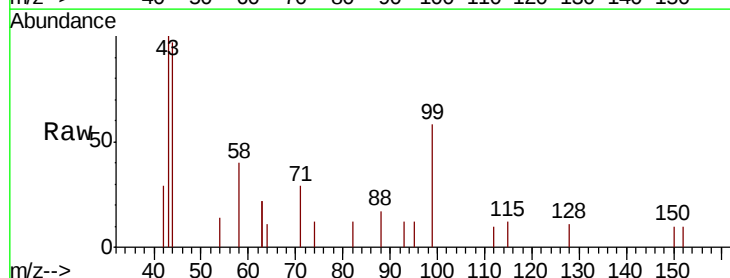
Tgt Ion: 99 Resp: 634

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

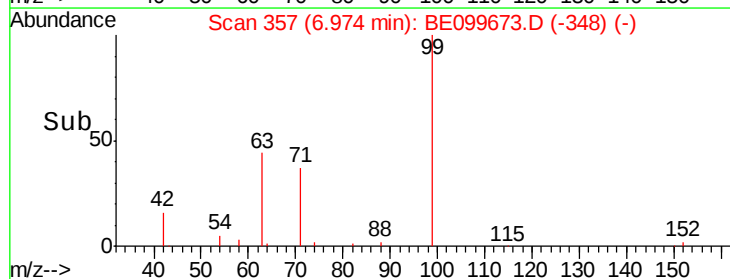
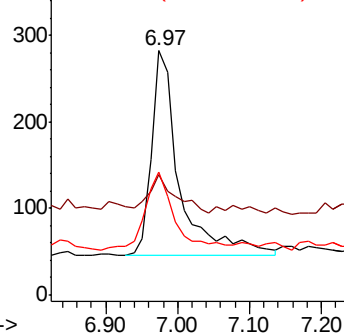
71 39.3 28.9 43.3

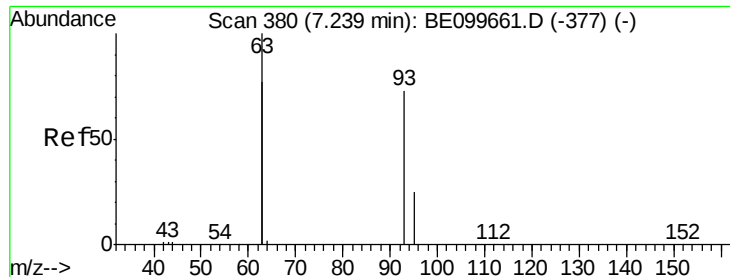


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.008 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.02 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

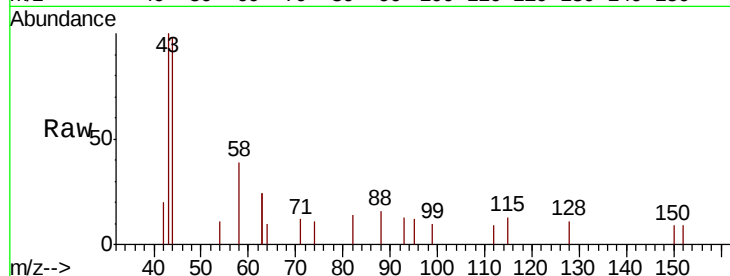
Tgt Ion: 93 Resp: 38

Ion Ratio Lower Upper

93 100

63 0.0 207.8 311.6#

95 0.0 25.9 38.9#

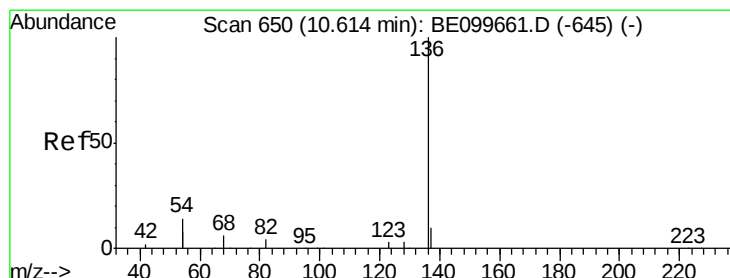
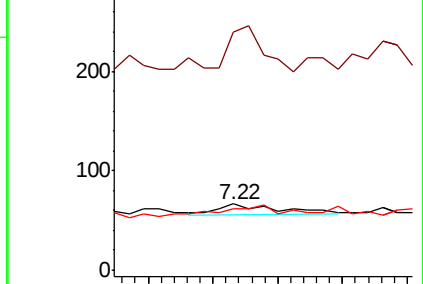
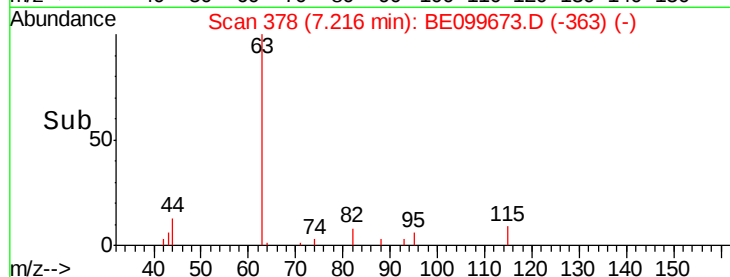


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Tgt Ion: 136 Resp: 5069

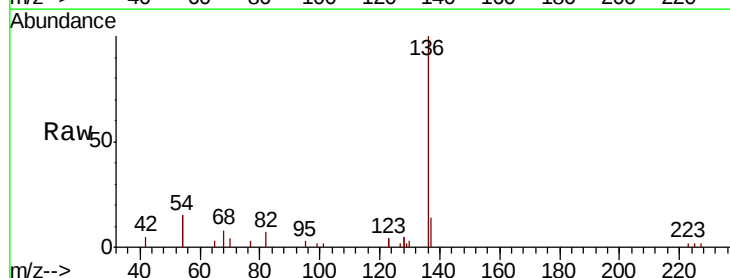
Ion Ratio Lower Upper

136 100

137 14.0 9.0 13.6#

54 30.9 22.3 33.5

68 8.2 6.0 9.0



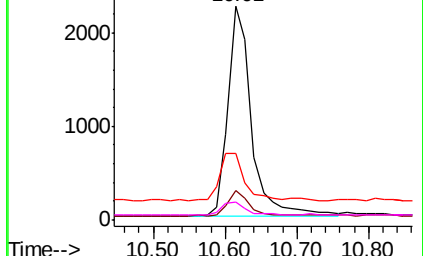
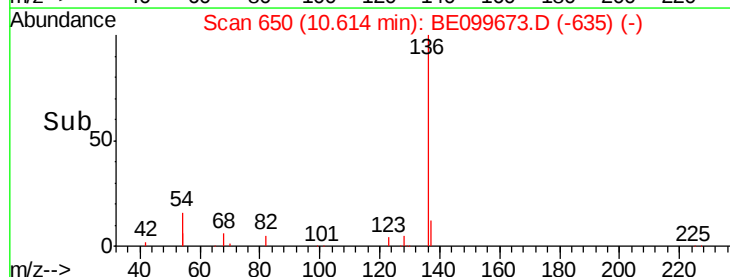
Abundance Ion 136.00 (135.70 to 136.70): E

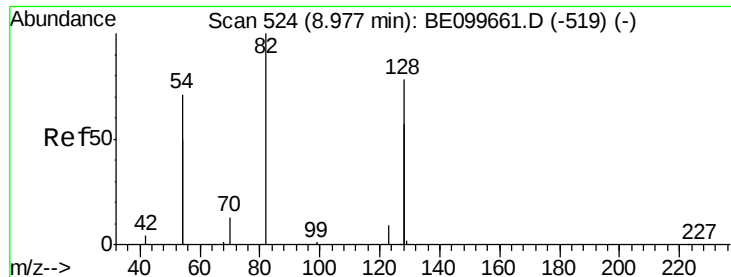
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->





#8

Nitrobenzene-d5

Concen: 0.441 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

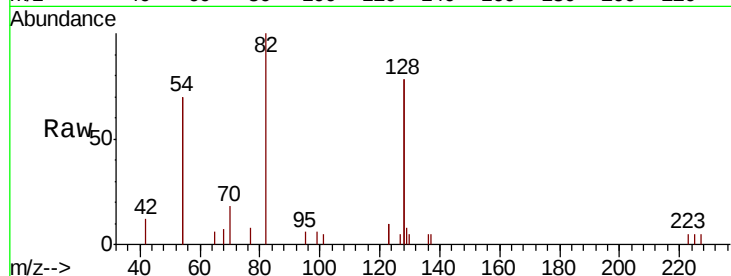
Tgt Ion: 82 Resp: 1934

Ion Ratio Lower Upper

82 100

128 155.4 117.7 176.5

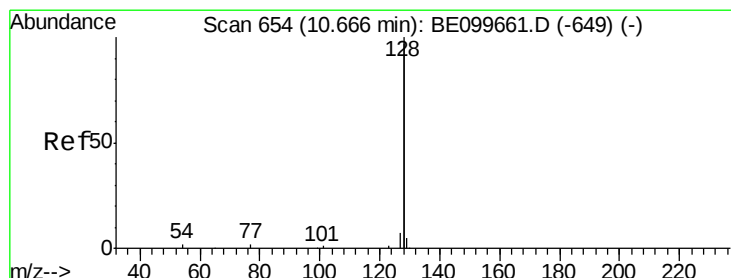
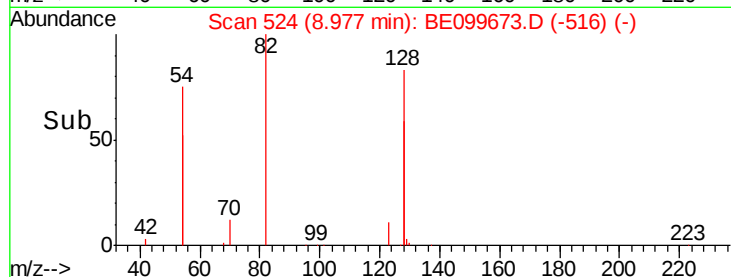
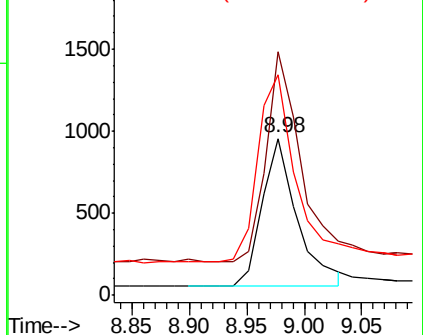
54 140.7 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.006 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

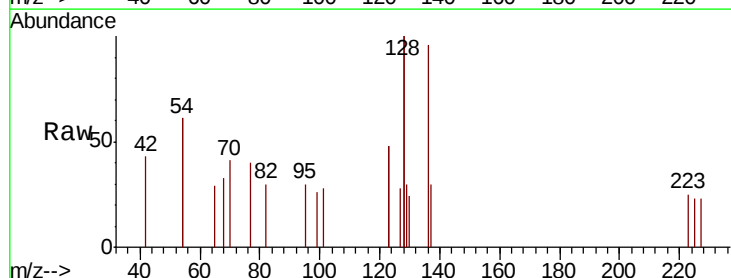
Tgt Ion: 128 Resp: 349

Ion Ratio Lower Upper

128 100

129 14.9 2.4 3.6#

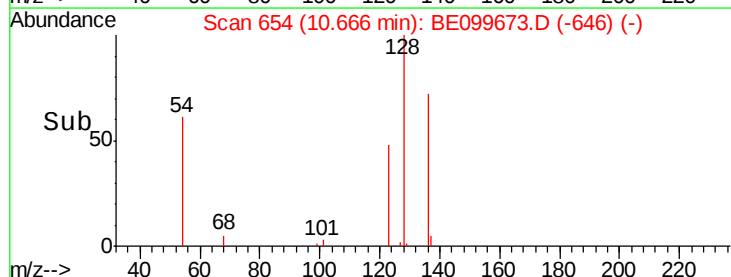
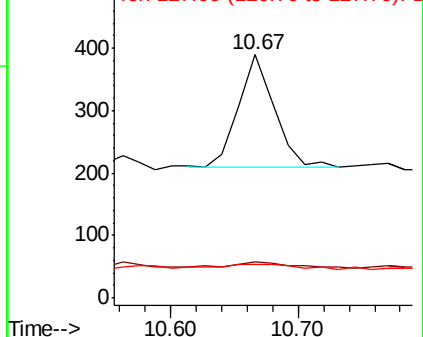
127 13.8 2.9 4.3#

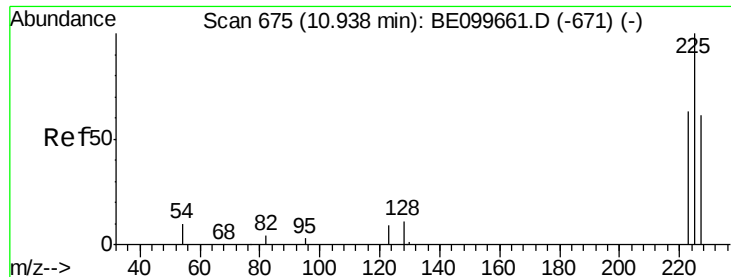


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

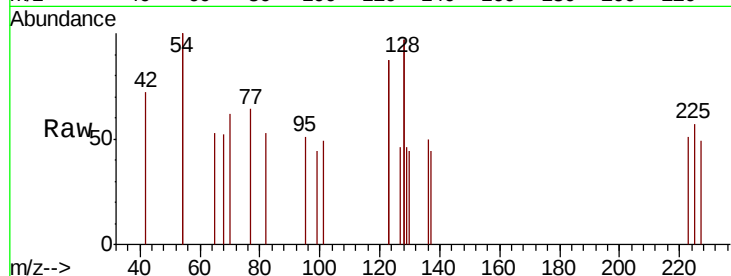




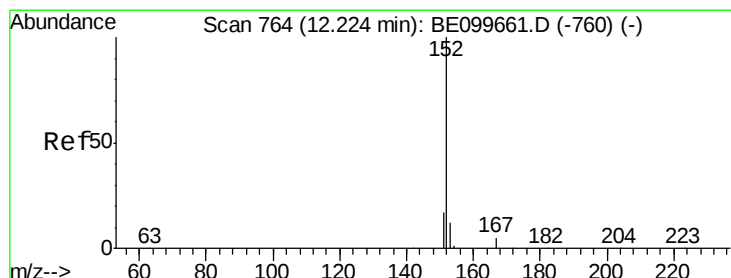
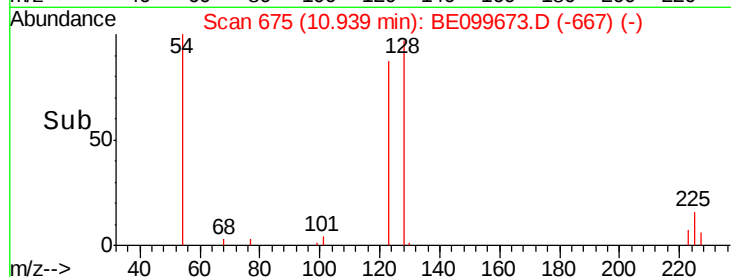
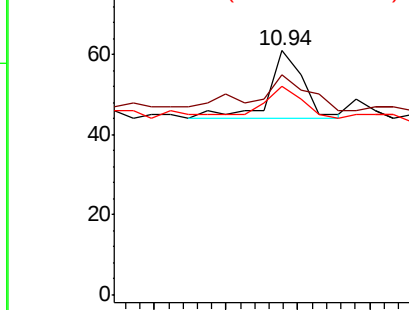
#10
Hexachlorobutadiene
Concen: 0.007 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099673.D
Acq: 20 May 2019 22:57

Instrument :
BNA_E
ClientSampleId :
FEBH-05(33-33.5)

Tgt Ion: 225 Resp: 29
Ion Ratio Lower Upper
225 100
223 79.3 51.8 77.6#
227 51.7 52.6 79.0#

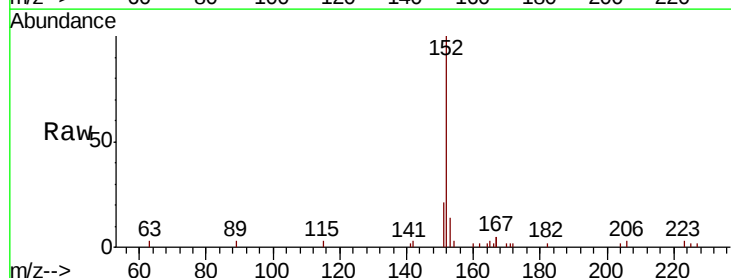


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

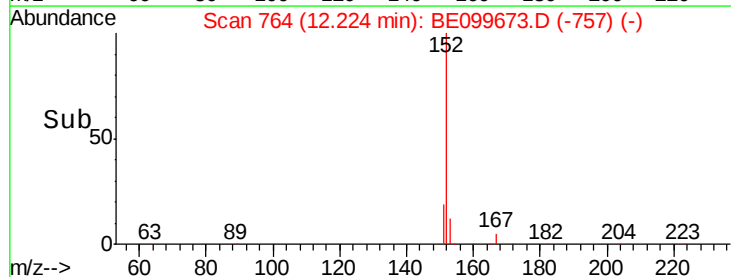
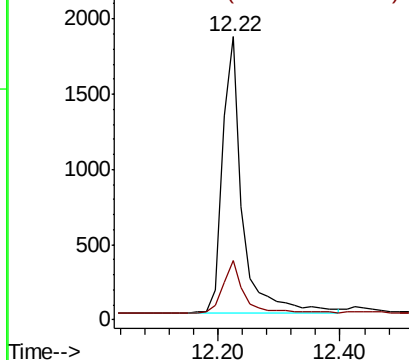


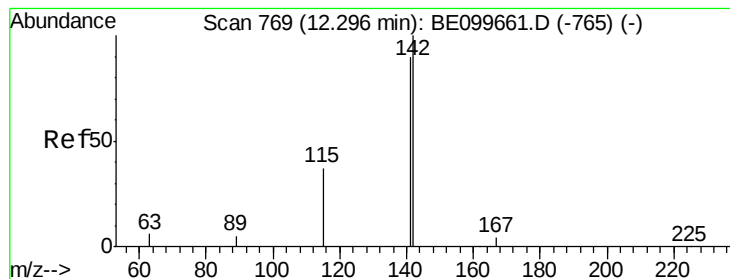
#11
2-Methylnaphthalene-d10
Concen: 0.479 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099673.D
Acq: 20 May 2019 22:57

Tgt Ion: 152 Resp: 4189
Ion Ratio Lower Upper
152 100
151 20.1 15.0 22.4



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





#12

2-Methylnaphthalene

Concen: 0.004 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

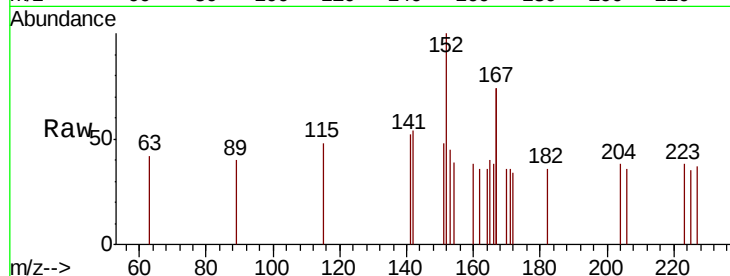
Tgt Ion:142 Resp: 38

Ion Ratio Lower Upper

142 100

141 97.0 72.0 108.0

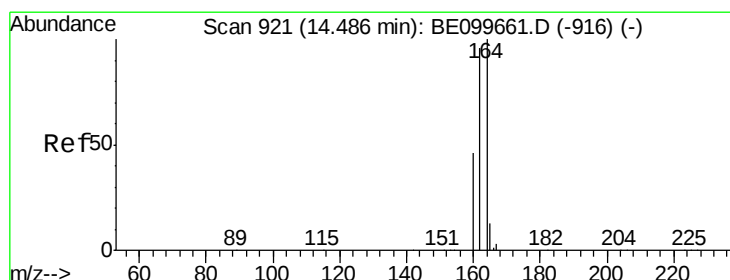
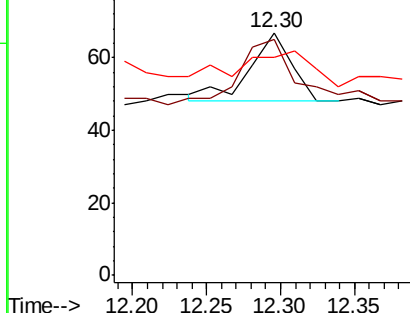
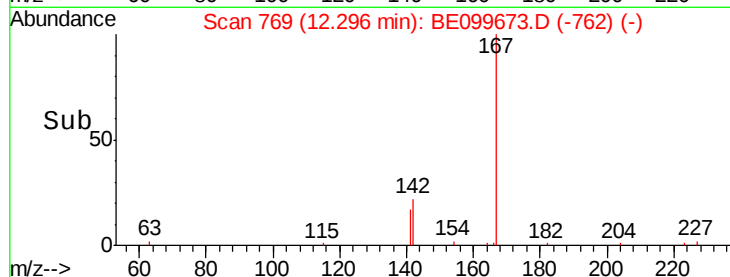
115 89.6 31.0 46.4#



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: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

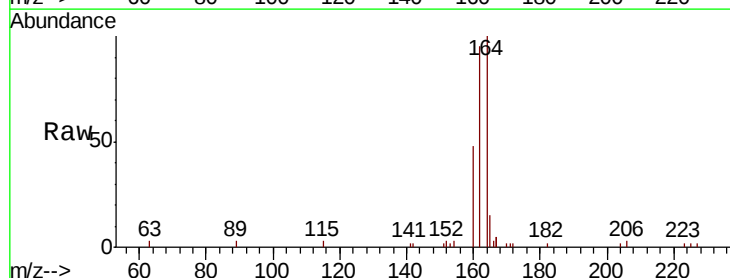
Tgt Ion:164 Resp: 3469

Ion Ratio Lower Upper

164 100

162 95.0 76.5 114.7

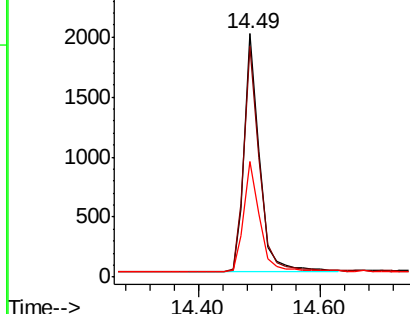
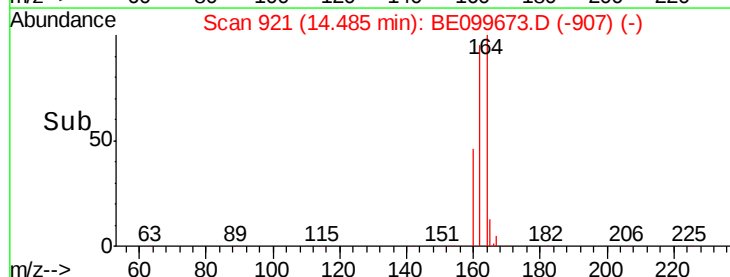
160 47.6 37.4 56.2

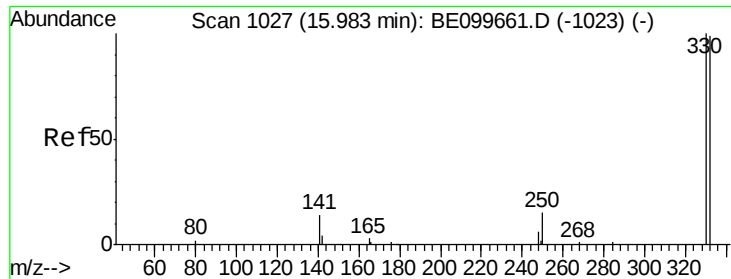


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

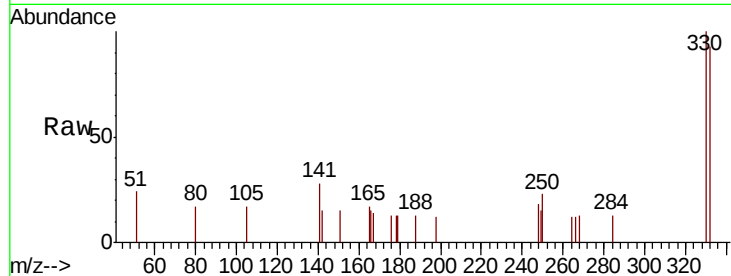




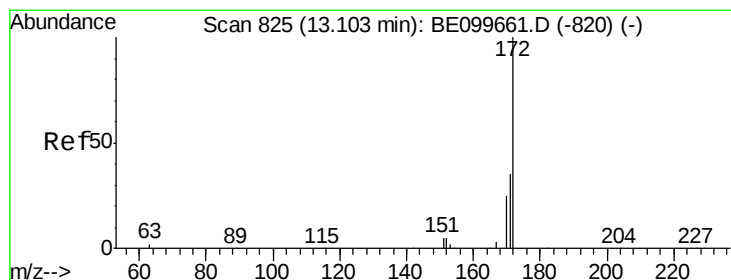
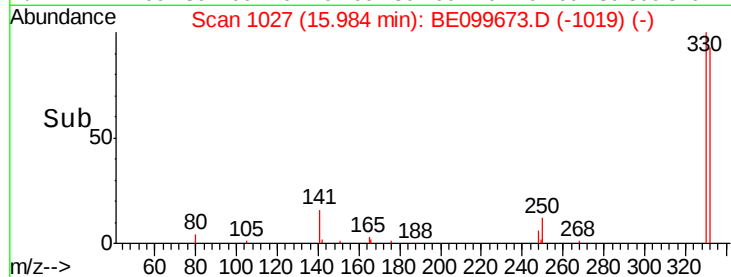
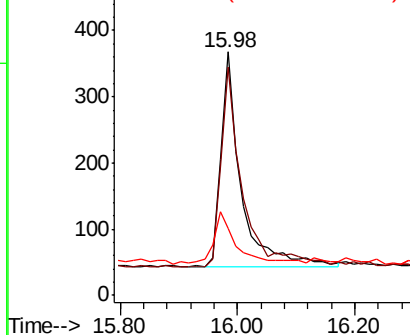
#14
 2,4,6-Tribromophenol
 Concen: 0.429 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

Tgt Ion:330 Resp: 790
 Ion Ratio Lower Upper
 330 100
 332 99.7 77.3 115.9
 141 23.5 18.9 28.3

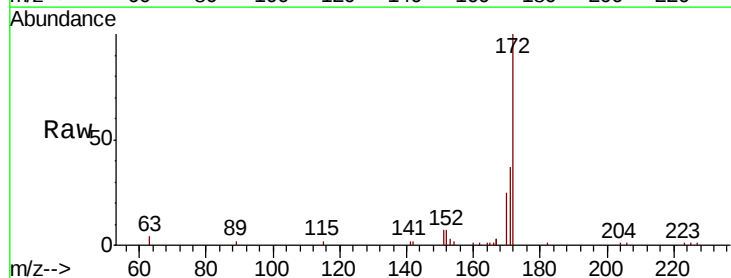


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

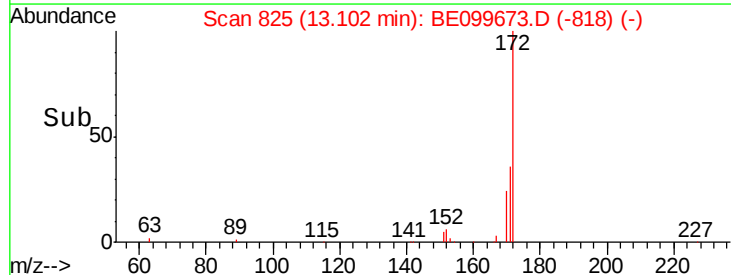
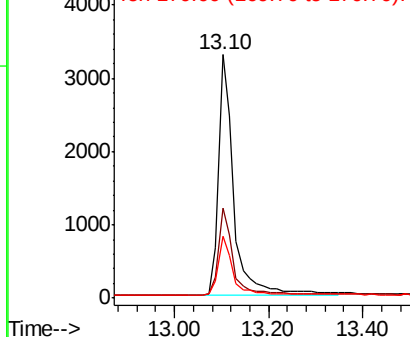


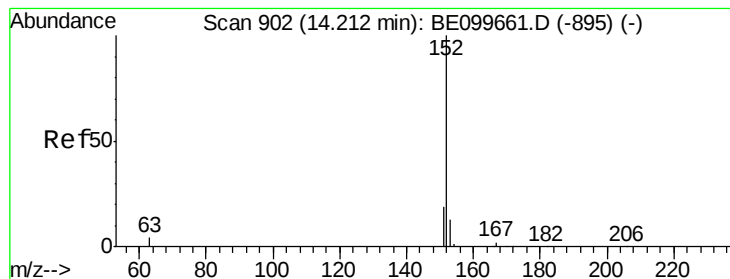
#15
 2-Fluorobiphenyl
 Concen: 0.556 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

Tgt Ion:172 Resp: 7312
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.7 43.1
 170 25.4 20.9 31.3



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: 0.001 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

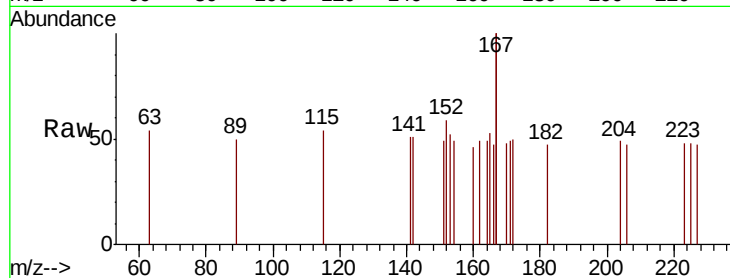
Tgt Ion:152 Resp: 20

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

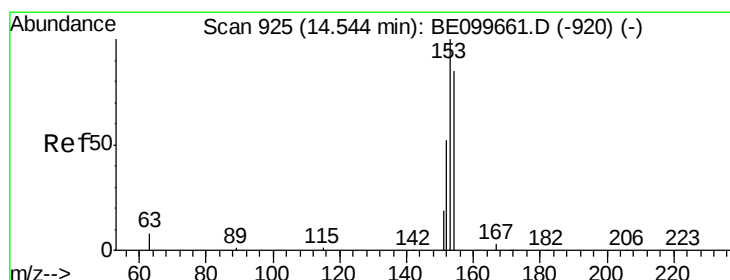
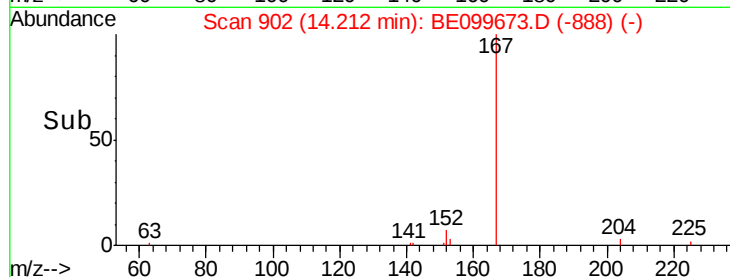
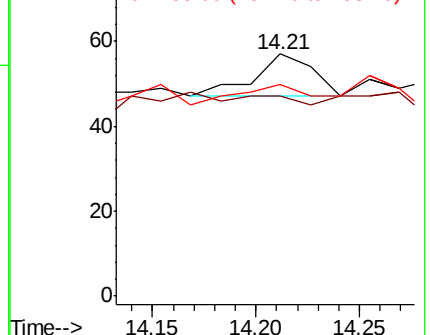
153 50.0 10.6 16.0#



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: 0.001 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

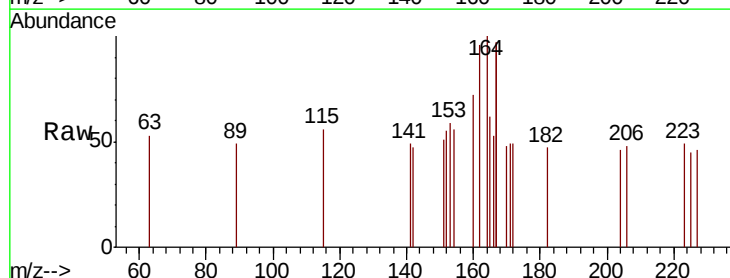
Tgt Ion:154 Resp: 10

Ion Ratio Lower Upper

154 100

153 120.0 91.8 137.6

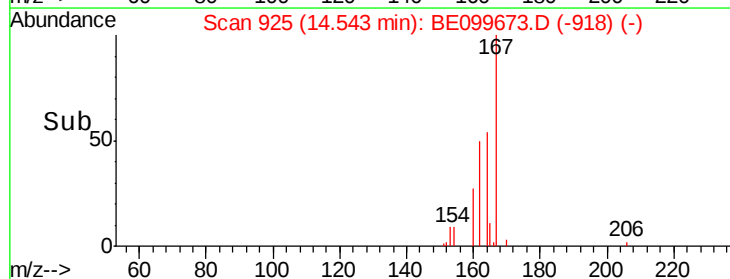
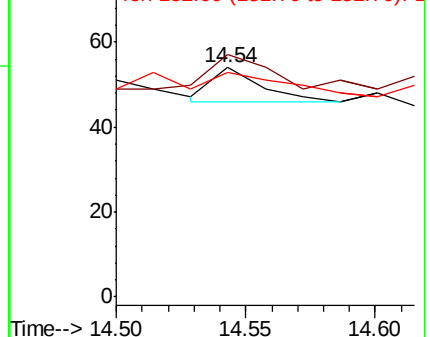
152 0.0 46.0 69.0#

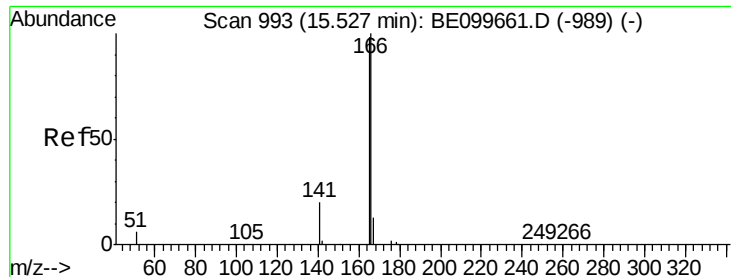


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

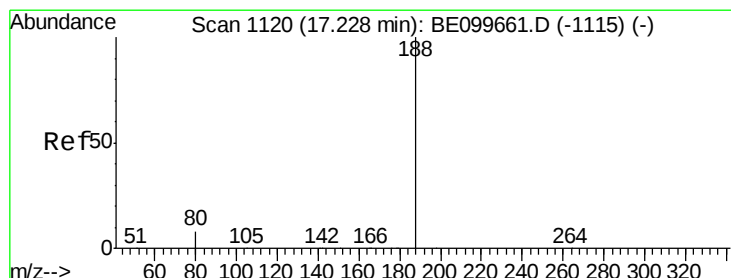
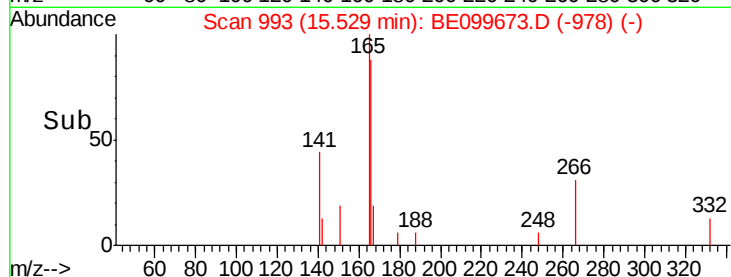
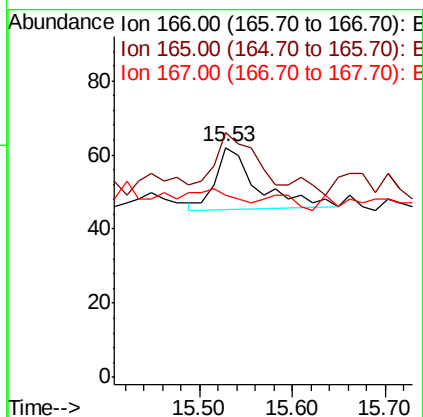
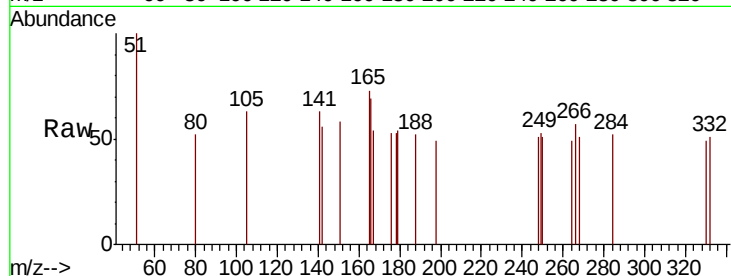




#18
Fluorene
 Concen: 0.004 ng
 RT: 15.53 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

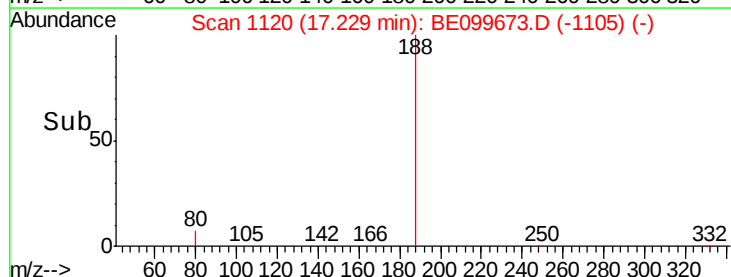
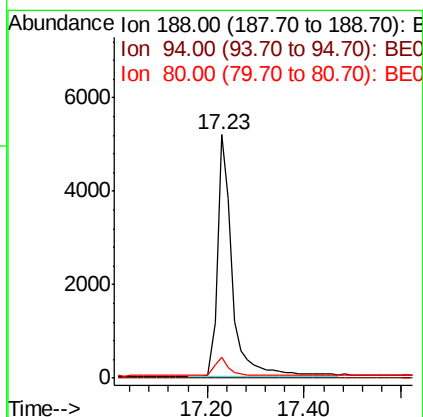
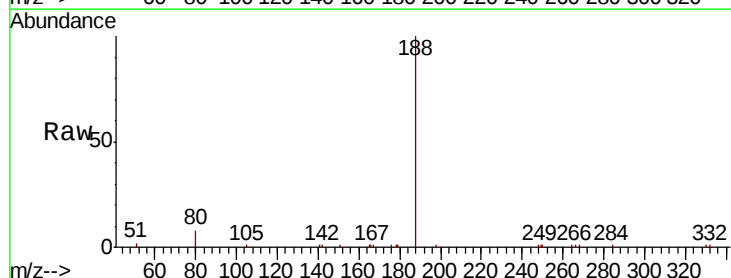
Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

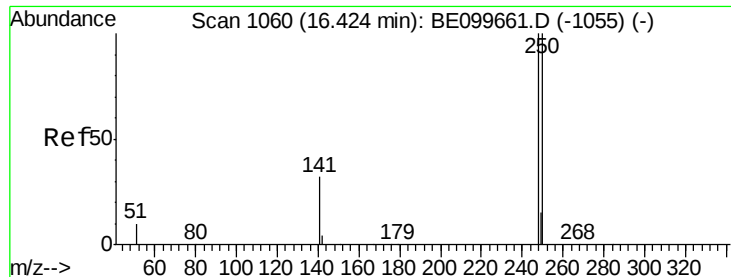
Tgt Ion:166 Resp: 52
 Ion Ratio Lower Upper
 166 100
 165 75.0 80.3 120.5#
 167 38.5 10.6 16.0#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

Tgt Ion:188 Resp: 10761
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.4 6.7 10.1





#20

4-Bromophenyl-phenylether

Concen: 0.003 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

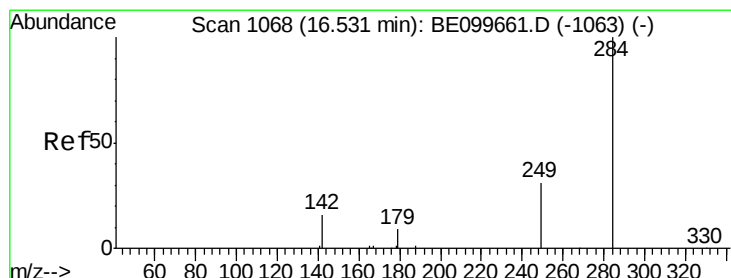
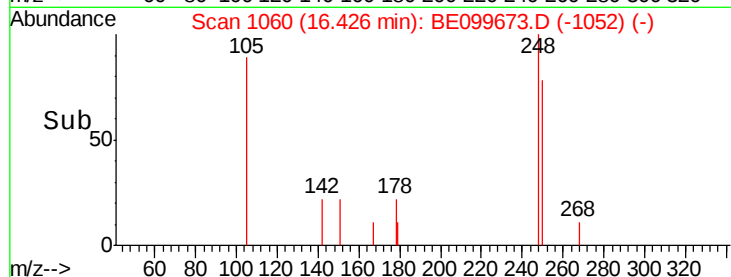
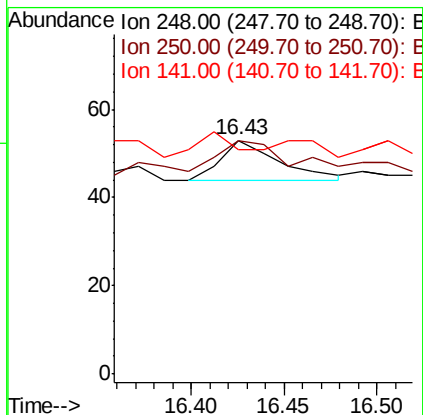
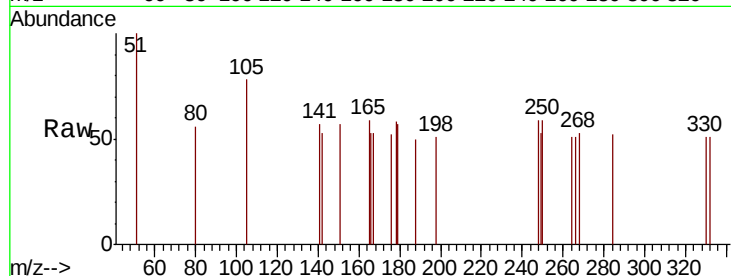
Tgt Ion:248 Resp: 19

Ion Ratio Lower Upper

248 100

250 100.0 79.8 119.8

141 96.2 27.0 40.6#



#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

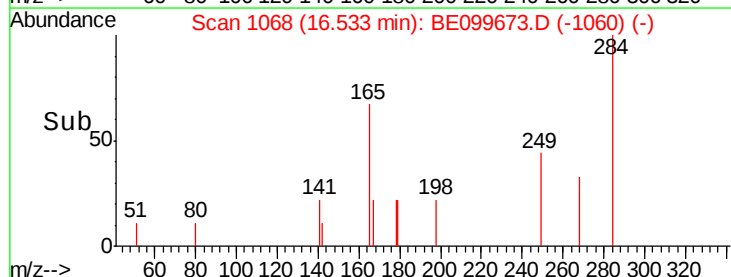
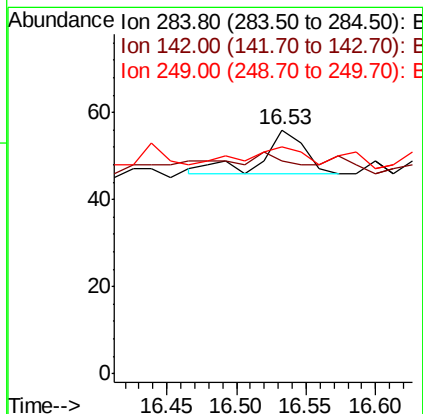
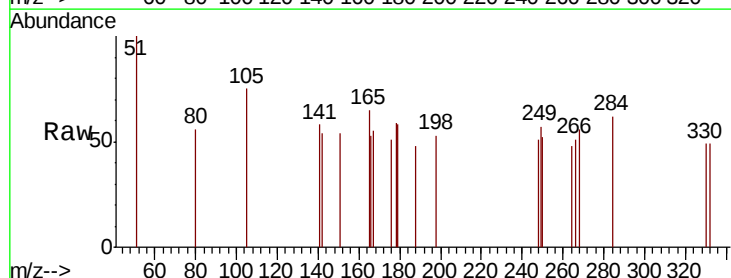
Tgt Ion:284 Resp: 21

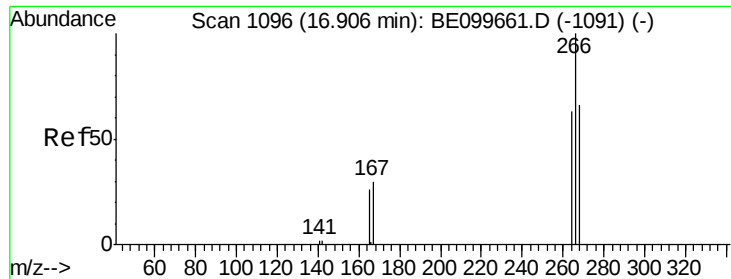
Ion Ratio Lower Upper

284 100

142 14.3 17.8 26.6#

249 52.4 24.8 37.2#

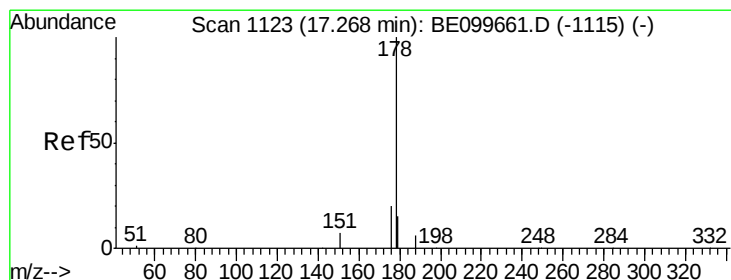
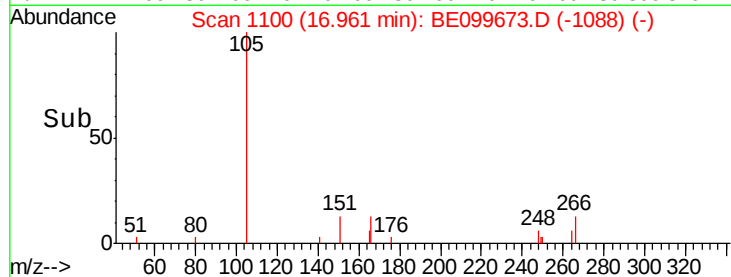
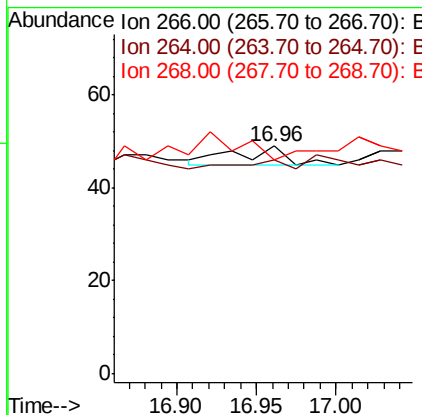
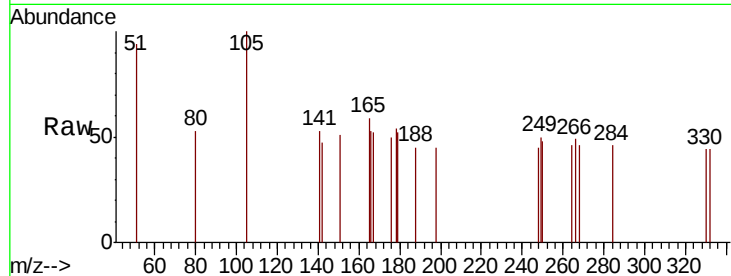




#22
 Pentachlorophenol
 Concen: 0.185 ng
 RT: 16.96 min Scan# 1100
 Delta R.T. 0.06 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

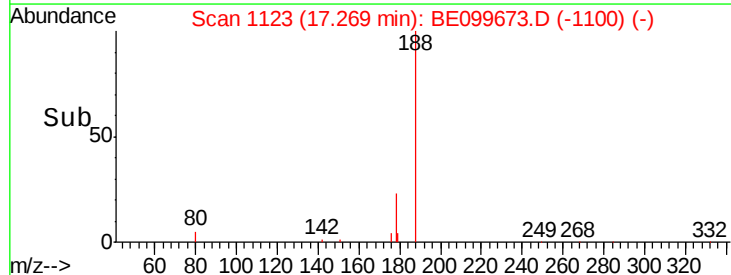
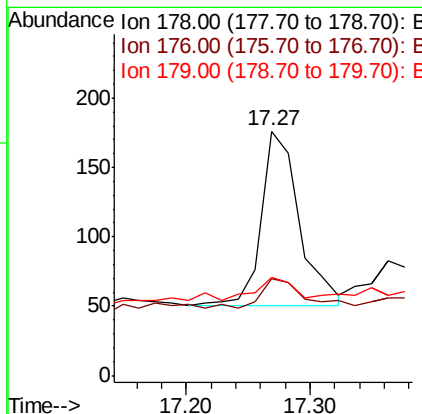
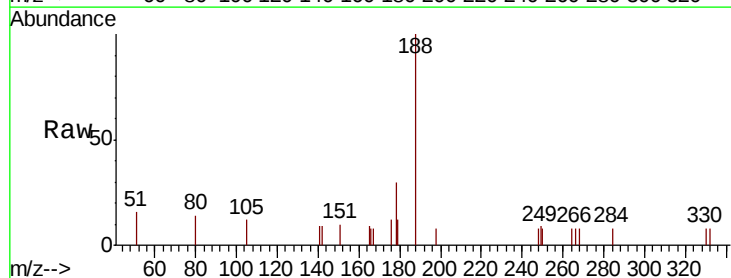
Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

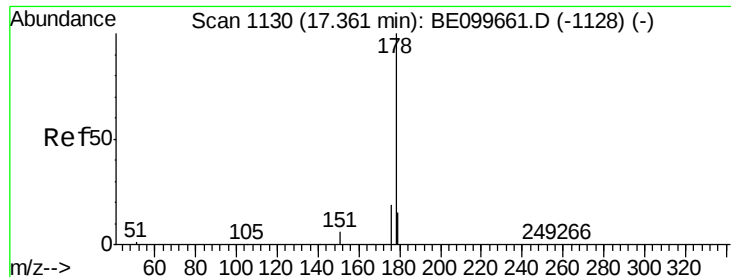
Tgt Ion: 266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 93.9 57.2 85.8#
 268 93.9 60.5 90.7#



#23
 Phenanthrene
 Concen: 0.010 ng
 RT: 17.27 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

Tgt Ion: 178 Resp: 271
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 14.0 12.2 18.4





#24

Anthracene

Concen: 0.004 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

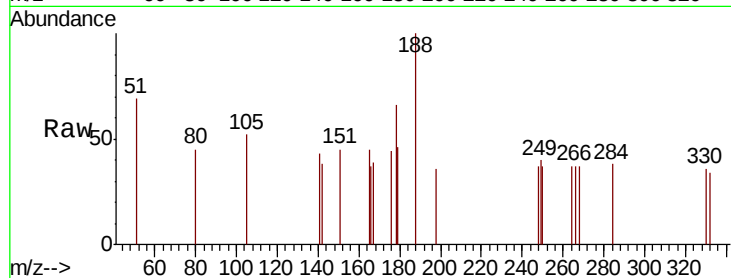
Tgt Ion:178 Resp: 97

Ion Ratio Lower Upper

178 100

176 16.5 14.7 22.1

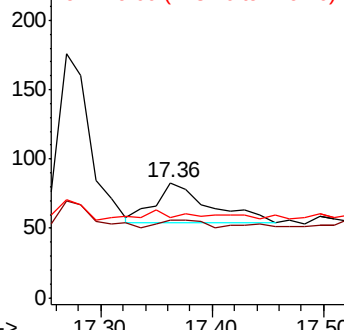
179 8.2 12.0 18.0#



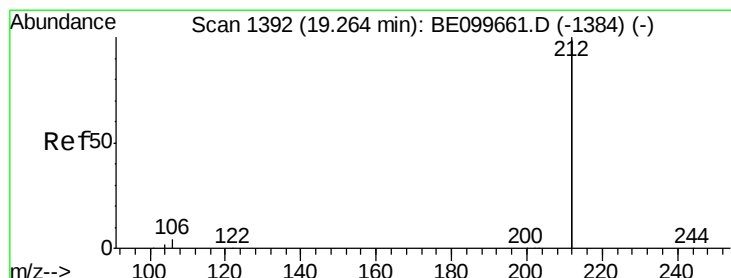
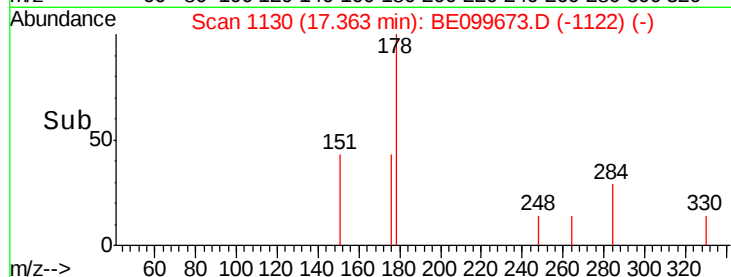
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.478 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

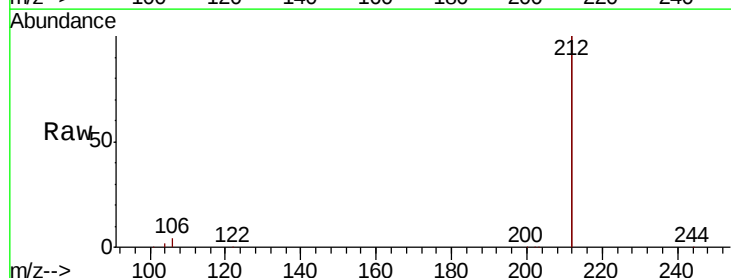
Tgt Ion:212 Resp: 70349

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

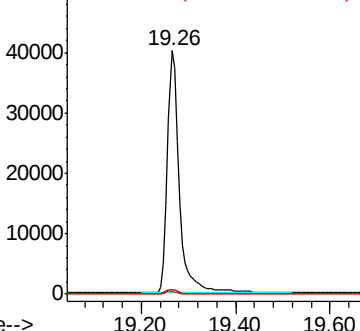
104 1.0 0.8 1.2



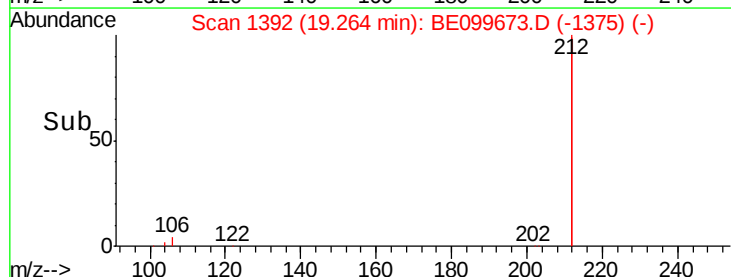
Abundance Ion 212.00 (211.70 to 212.70): E

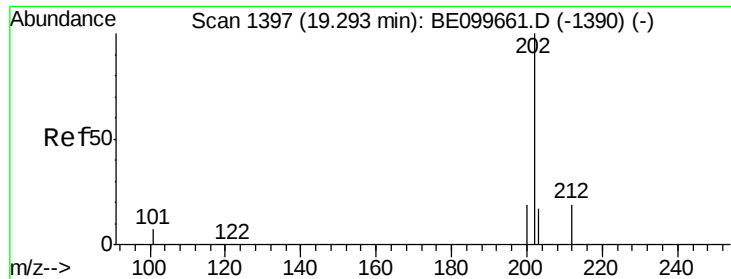
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

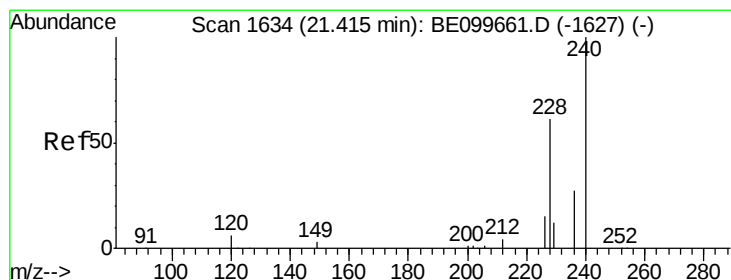
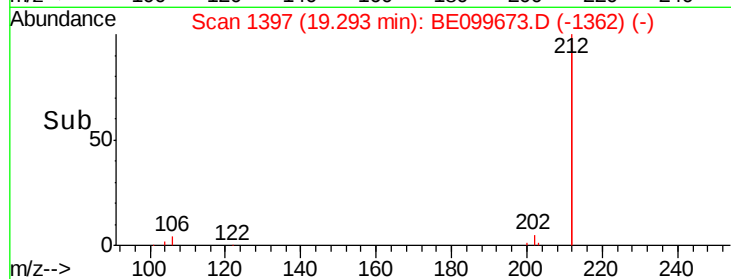
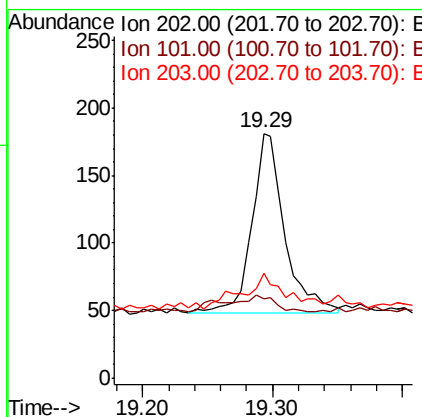
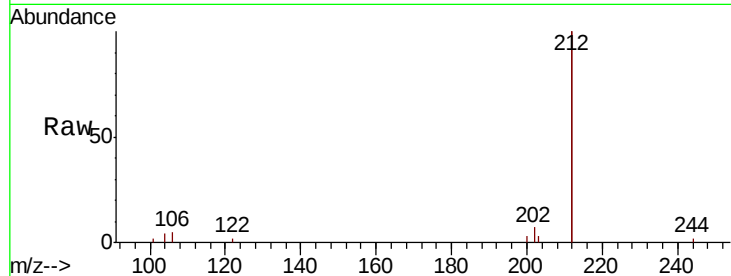




#26
 Fluoranthene
 Concen: 0.006 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

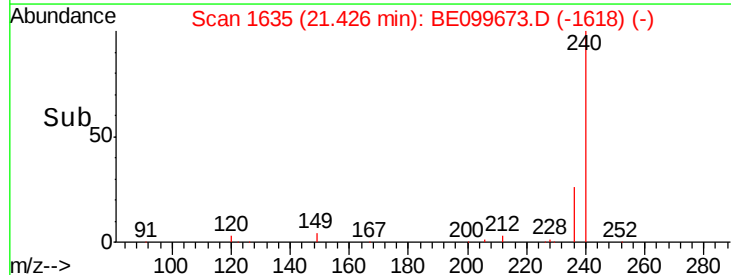
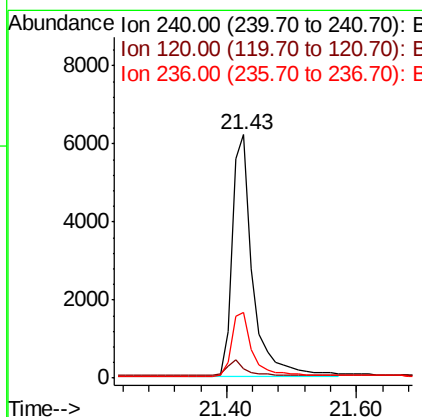
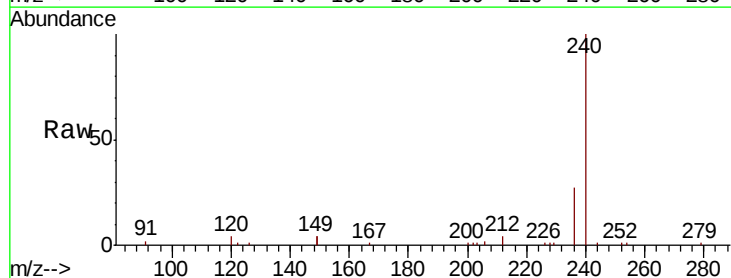
Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

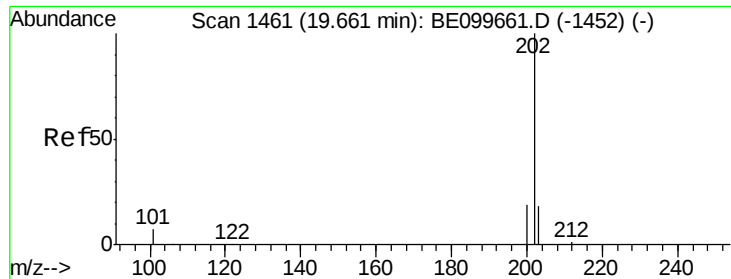
Tgt Ion: 202 Resp: 235
 Ion Ratio Lower Upper
 202 100
 101 10.2 5.2 7.8#
 203 16.2 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

Tgt Ion: 240 Resp: 13713
 Ion Ratio Lower Upper
 240 100
 120 3.9 5.4 8.0#
 236 26.9 21.7 32.5

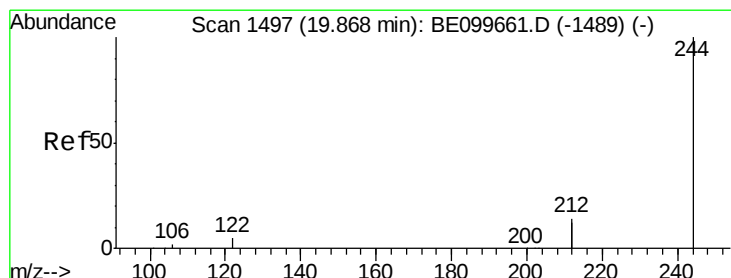
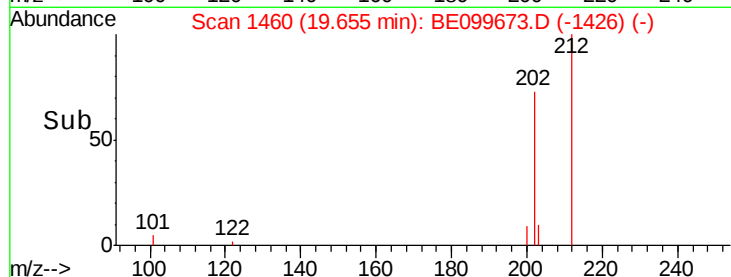
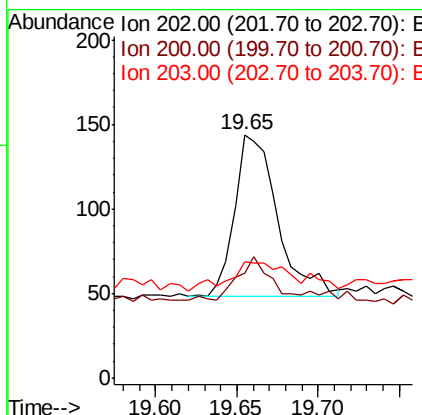
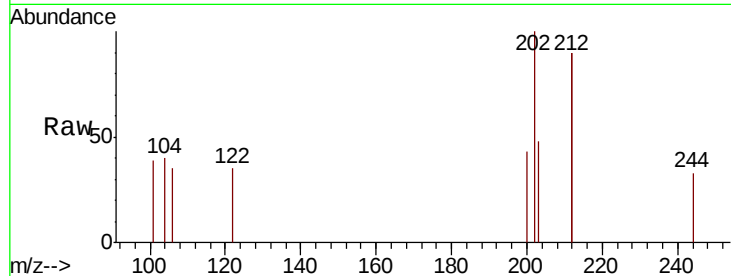




#28
 Pyrene
 Concen: 0.005 ng
 RT: 19.65 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

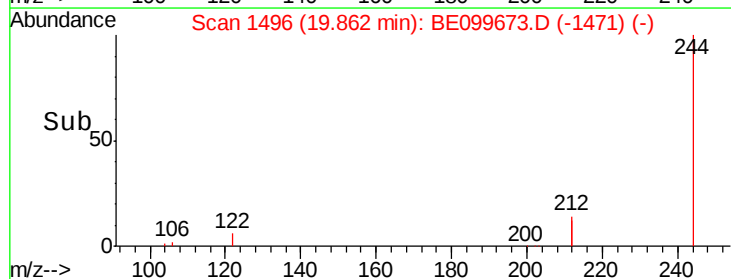
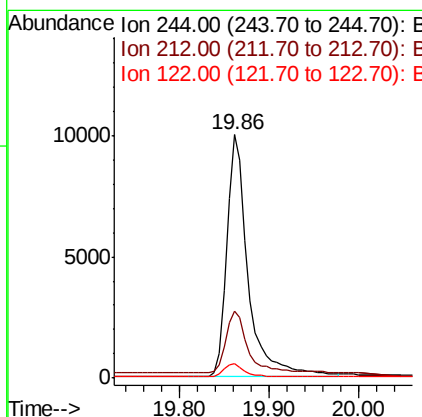
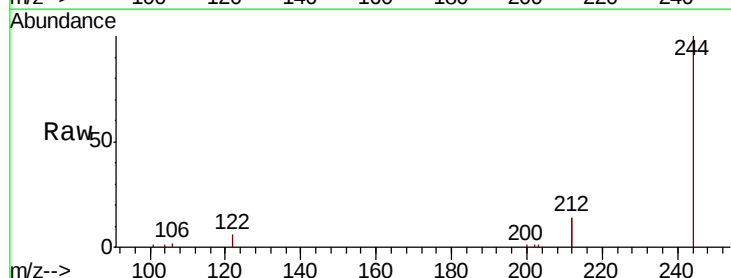
Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

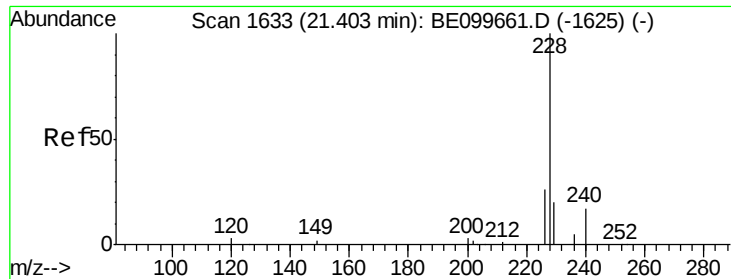
Tgt Ion: 202 Resp: 177
 Ion Ratio Lower Upper
 202 100
 200 20.3 15.4 23.2
 203 16.4 13.8 20.8



#29
 Terphenyl-d14
 Concen: 0.678 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BE099673.D
 Acq: 20 May 2019 22:57

Tgt Ion: 244 Resp: 16598
 Ion Ratio Lower Upper
 244 100
 212 27.6 22.5 33.7
 122 6.2 4.3 6.5





#30

Benzo(a)anthracene

Concen: 0.004 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

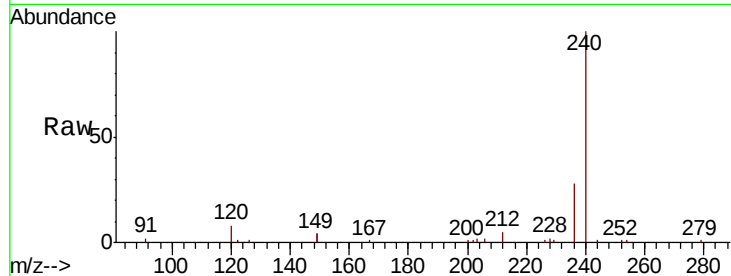
Tgt Ion:228 Resp: 164

Ion Ratio Lower Upper

228 100

226 55.0 21.3 31.9#

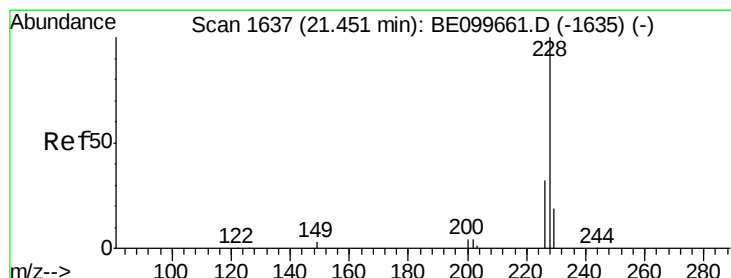
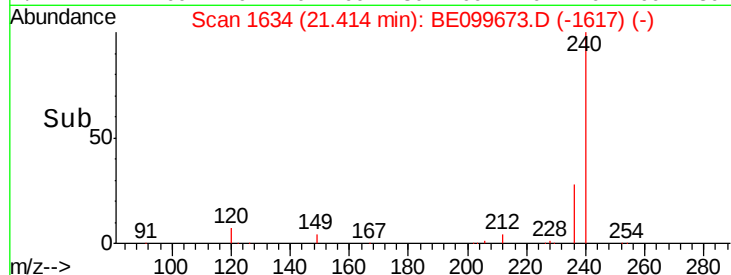
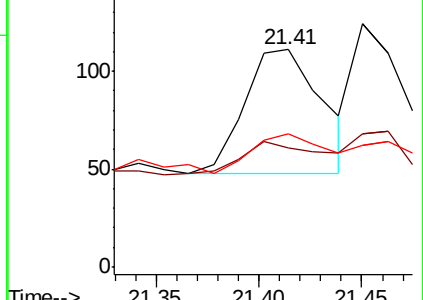
229 61.3 16.1 24.1#



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: 0.003 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

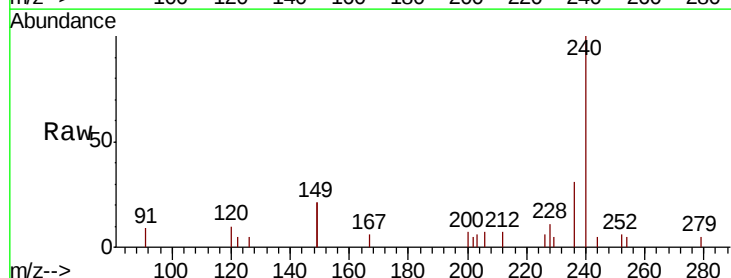
Tgt Ion:228 Resp: 131

Ion Ratio Lower Upper

228 100

226 54.8 24.7 37.1#

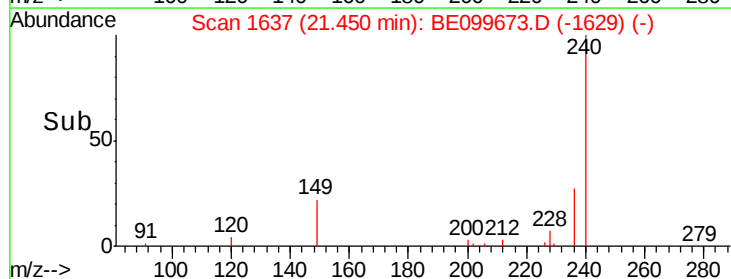
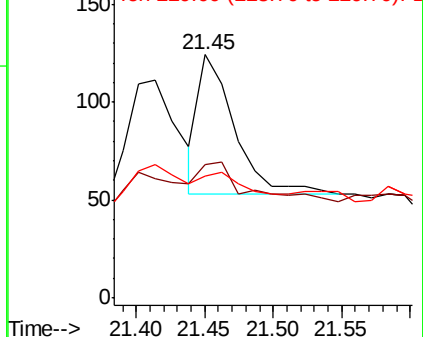
229 50.0 15.8 23.6#

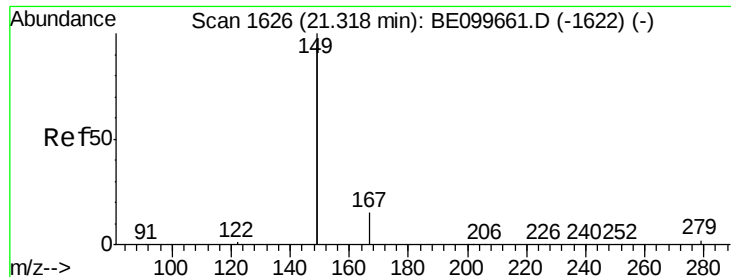


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.066 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

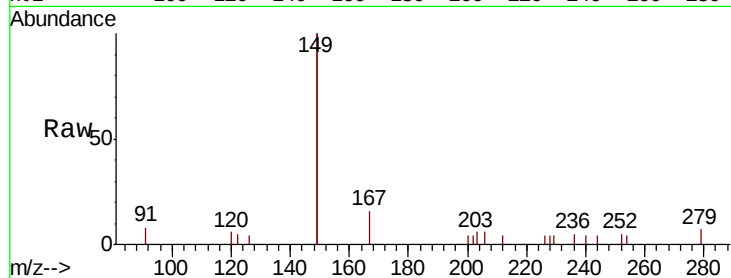
Tgt Ion:149 Resp: 2967

Ion Ratio Lower Upper

149 100

167 7.0 6.2 9.4

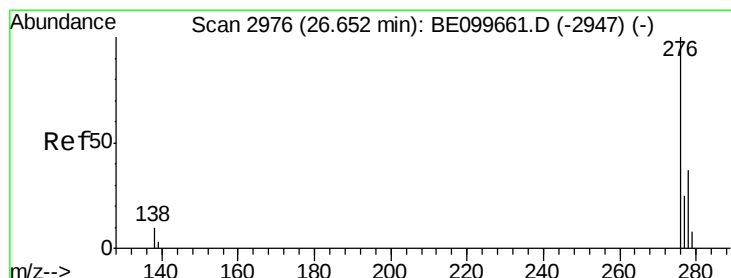
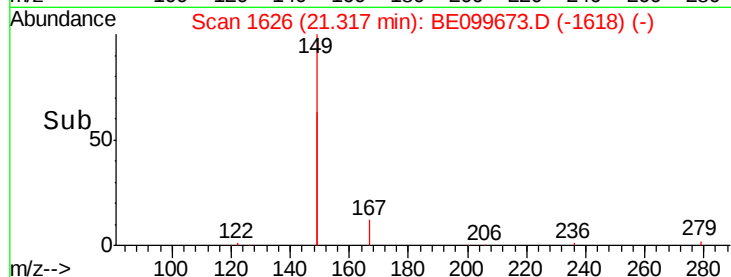
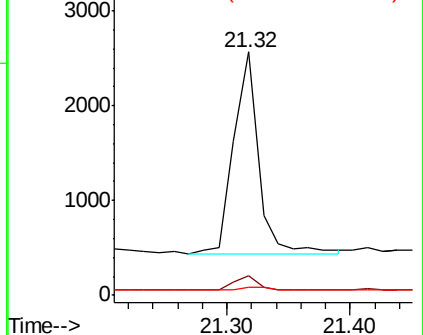
279 2.5 1.2 1.8#



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: 0.001 ng

RT: 26.66 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

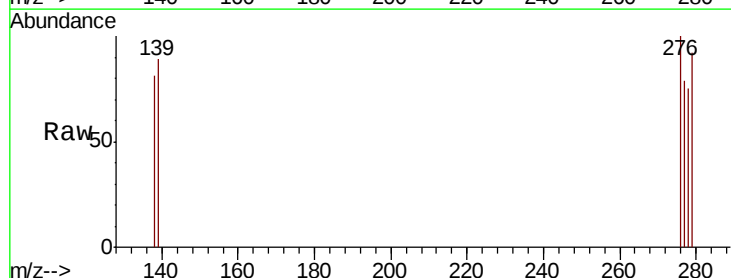
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

276 100

138 0.0 9.6 14.4#

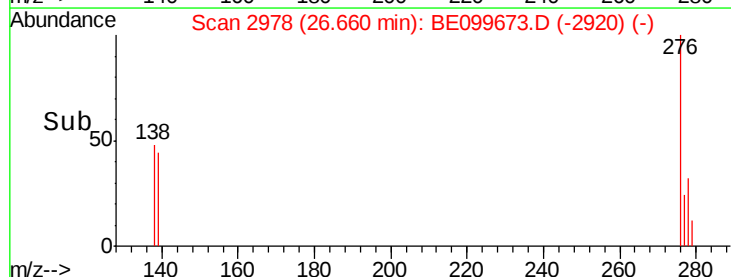
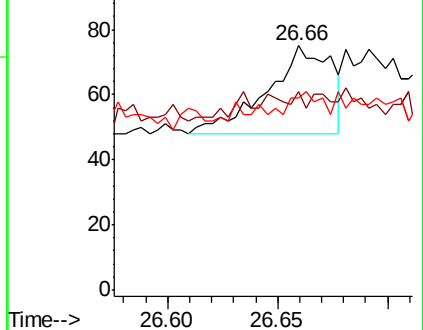
277 11.1 19.2 28.8#

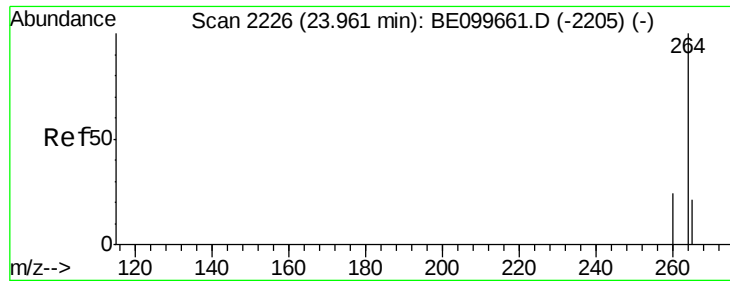


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



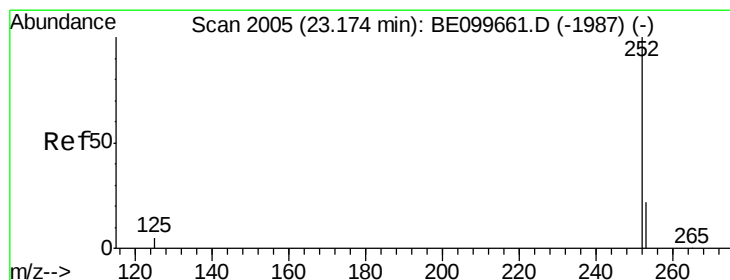
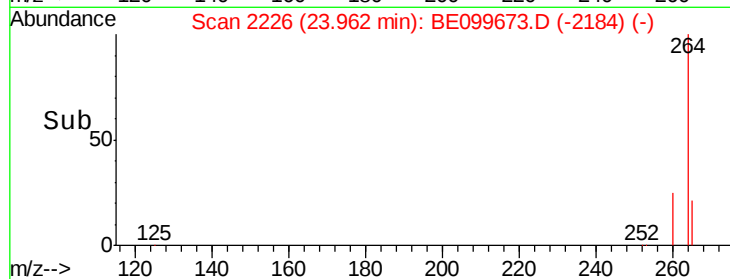
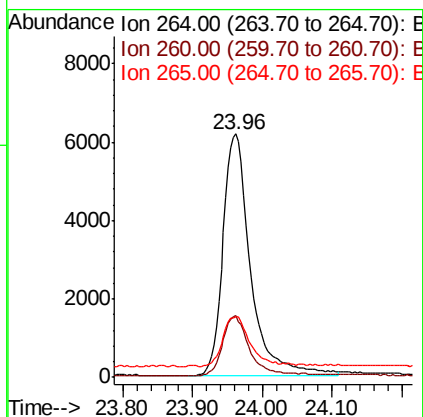
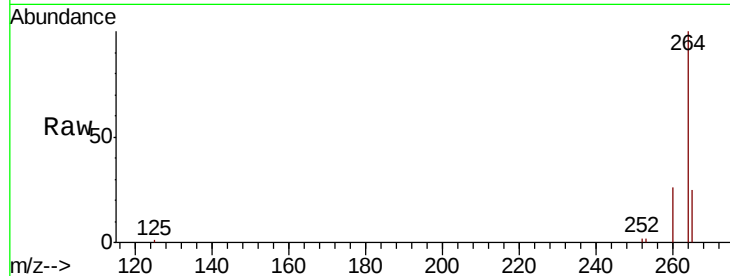


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099673.D
Acq: 20 May 2019 22:57

Instrument :
BNA_E
ClientSampleId :
FEBH-05(33-33.5)

Tgt Ion: 264 Resp: 16898

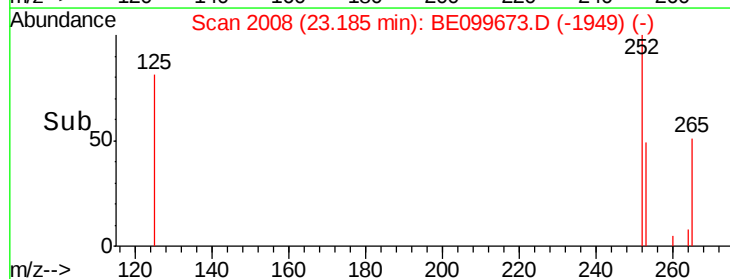
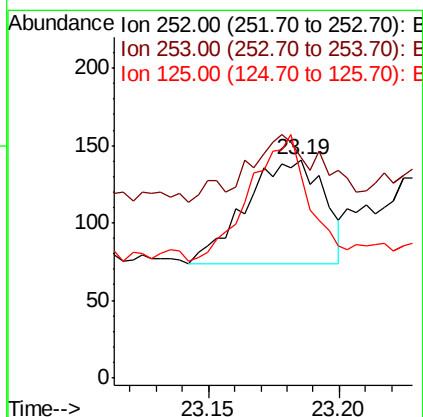
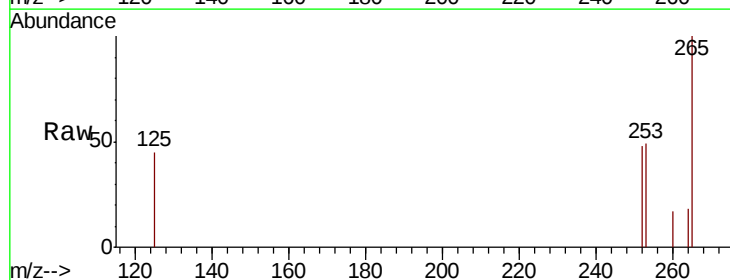
Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	25.0	19.1	28.7

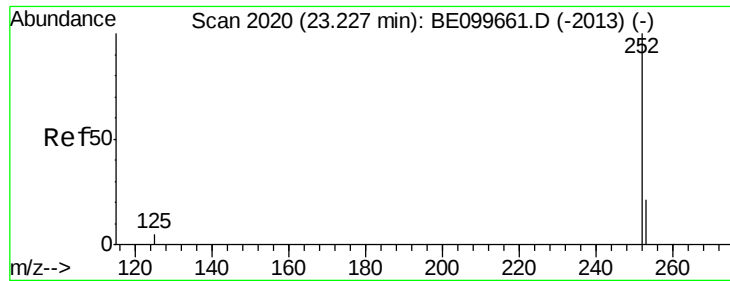


#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BE099673.D
Acq: 20 May 2019 22:57

Tgt Ion: 252 Resp: 138

Ion	Ratio	Lower	Upper
252	100		
253	100.7	18.2	27.4#
125	92.9	4.5	6.7#

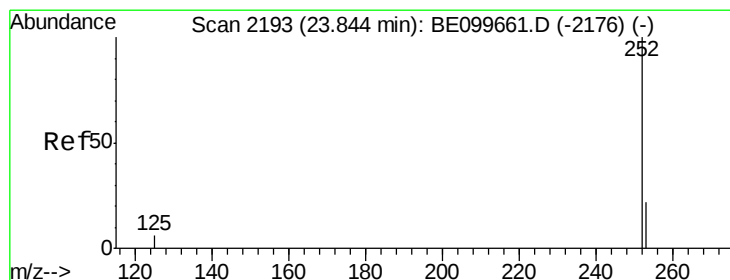
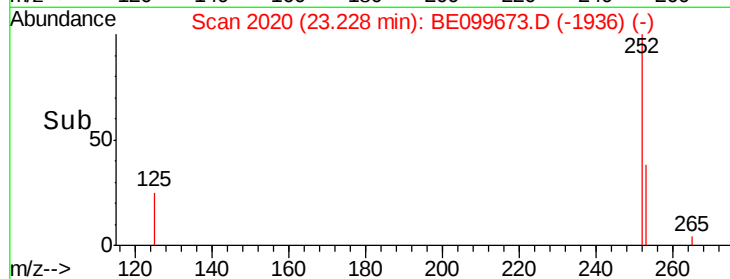
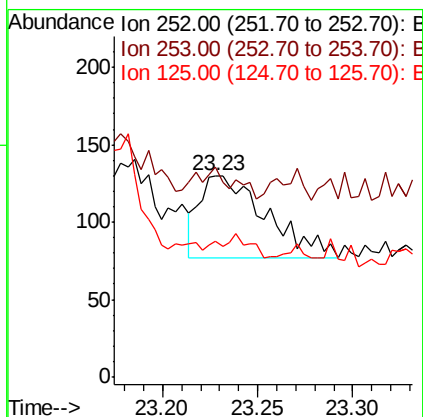
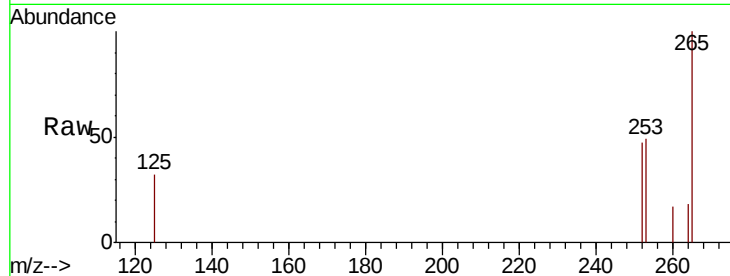




#36
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.23 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BE099673.D
Acq: 20 May 2019 22:57

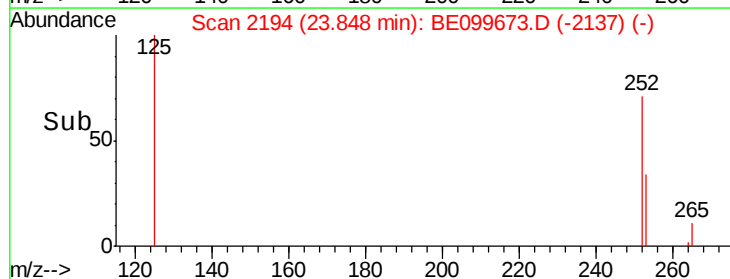
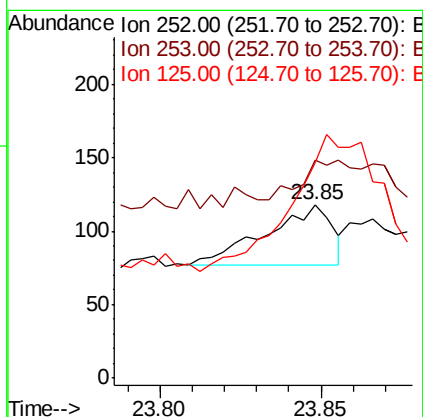
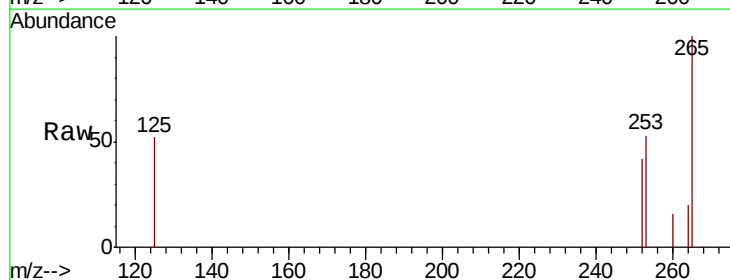
Instrument :
BNA_E
ClientSampleId :
FEBH-05(33-33.5)

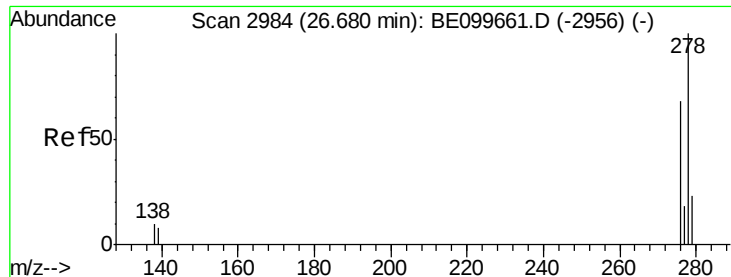
Tgt Ion: 252 Resp: 129
Ion Ratio Lower Upper
252 100
253 104.6 17.8 26.8#
125 67.7 4.6 6.8#



#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BE099673.D
Acq: 20 May 2019 22:57

Tgt Ion: 252 Resp: 58
Ion Ratio Lower Upper
252 100
253 125.4 18.9 28.3#
125 124.6 5.4 8.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.70 min Scan# 2990

Delta R.T. 0.02 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

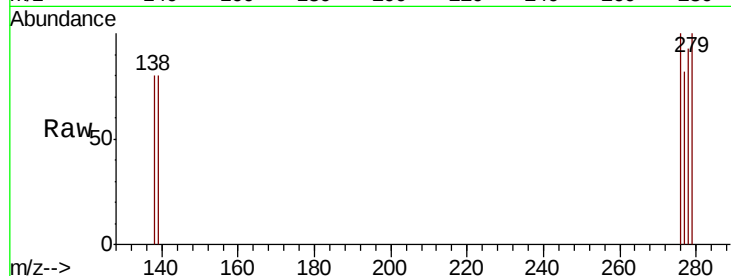
Tgt Ion: 278 Resp: 21

Ion Ratio Lower Upper

278 100

139 86.4 6.9 10.3#

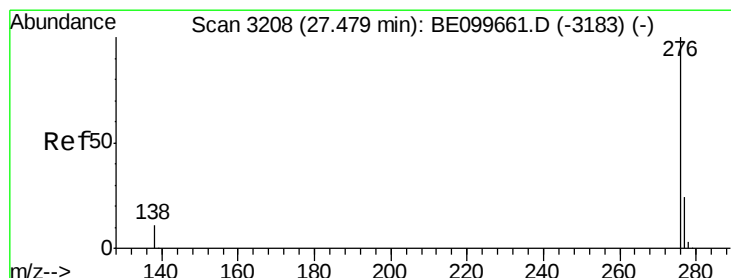
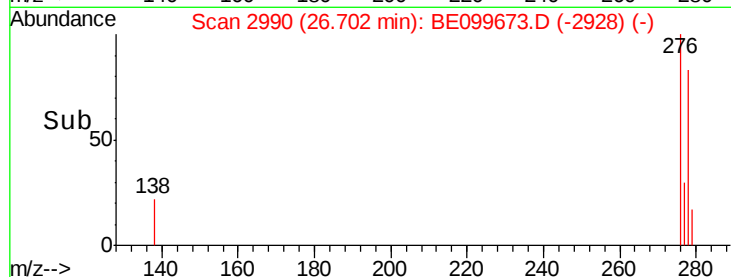
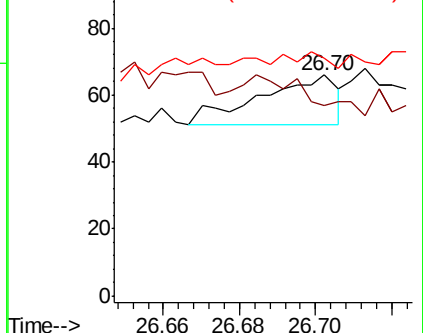
279 107.6 19.2 28.8#



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(g,h,i)perylene

Concen: 0.001 ng

RT: 27.50 min Scan# 3213

Delta R.T. 0.02 min

Lab File: BE099673.D

Acq: 20 May 2019 22:57

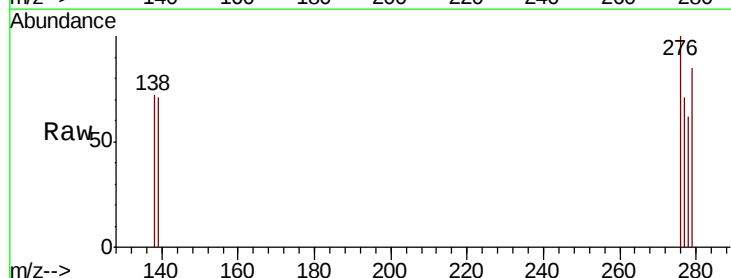
Tgt Ion: 276 Resp: 48

Ion Ratio Lower Upper

276 100

277 70.9 19.8 29.6#

138 72.2 9.2 13.8#



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

