

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099675.D
 Acq On : 21 May 2019 00:09
 Operator : JU/SJ
 Sample : K2906-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-11(7-7.5)

Quant Time: May 21 06:43:18 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	1363	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4534	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3158	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9732	0.40	ng	0.00
27) Chrysene-d12	21.41	240	13770	0.40	ng	0.00
34) Perylene-d12	23.96	264	16925	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1276	0.37	ng	0.01
5) Phenol-d6	6.97	99	1710	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1427	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2865	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	573	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4323	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	46506	0.35	ng	0.00
29) Terphenyl-d14	19.86	244	9954	0.40	ng	0.00

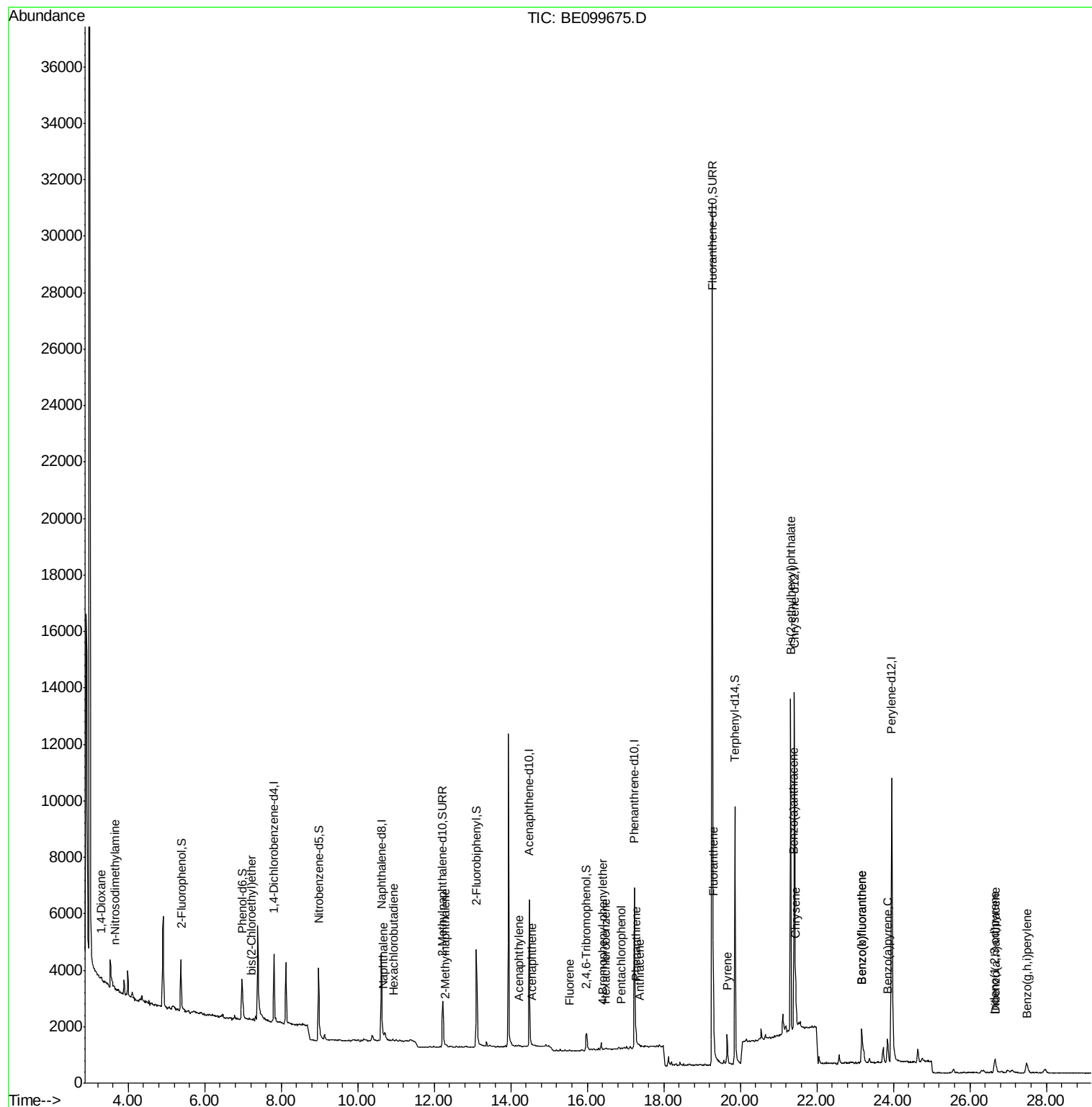
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	39	0.019	ng	# 1
3) n-Nitrosodimethylamine	3.67	42	39	0.035	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	72	0.018	ng	# 1
9) Naphthalene	10.67	128	270	0.006	ng	# 58
10) Hexachlorobutadiene	10.93	225	5	0.001	ng	# 30
12) 2-Methylnaphthalene	12.28	142	22	0.003	ng	# 66
16) Acenaphthylene	14.21	152	67	0.005	ng	# 57
17) Acenaphthene	14.56	154	8	0.001	ng	# 1
18) Fluorene	15.53	166	41	0.003	ng	# 71
20) 4-Bromophenyl-phenylether	16.41	248	6	0.001	ng	# 57
21) Hexachlorobenzene	16.48	284	1	0.000	ng	# 48
22) Pentachlorophenol	16.89	266	9	0.186	ng	# 72
23) Phenanthrene	17.27	178	464	0.020	ng	# 91
24) Anthracene	17.36	178	58	0.003	ng	# 85
26) Fluoranthene	19.29	202	1157	0.031	ng	# 98
28) Pyrene	19.66	202	1108	0.032	ng	# 92
30) Benzo(a)anthracene	21.40	228	1033	0.026	ng	# 84
31) Chrysene	21.45	228	912	0.022	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.32	149	13963	0.310	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	1036	0.021	ng	# 83
35) Benzo(b)fluoranthene	23.17	252	2421	0.052	ng	# 26
36) Benzo(k)fluoranthene	23.17	252	2421	0.050	ng	# 24
37) Benzo(a)pyrene	23.84	252	1064	0.024	ng	# 19
38) Dibenzo(a,h)anthracene	26.67	278	147	0.003	ng	# 1
39) Benzo(g,h,i)perylene	27.49	276	1039	0.022	ng	# 63

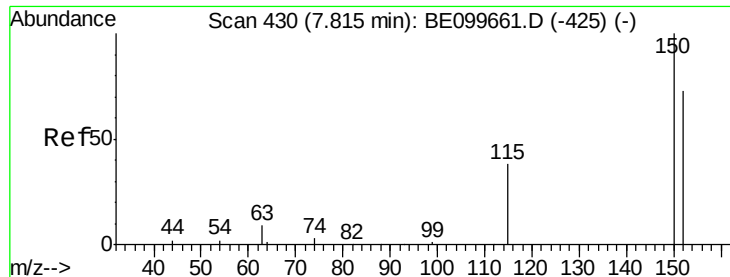
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

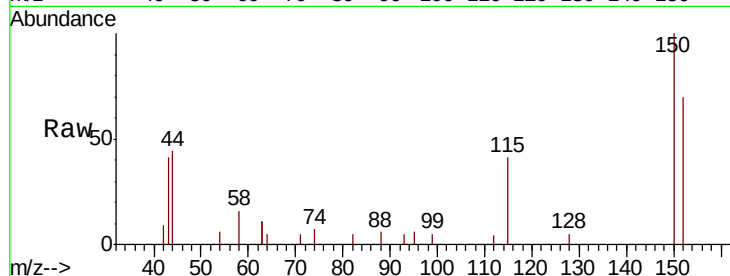
Tgt Ion:152 Resp: 1363

Ion Ratio Lower Upper

152 100

150 142.6 109.2 163.8

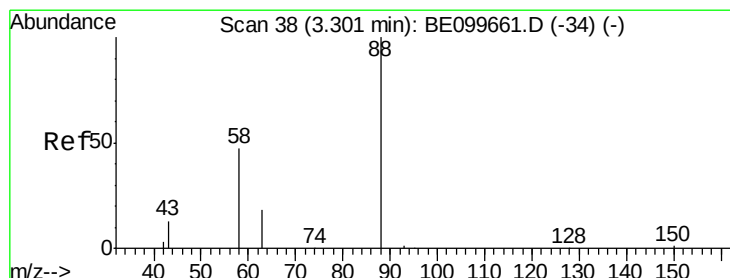
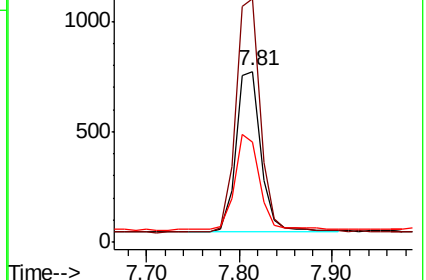
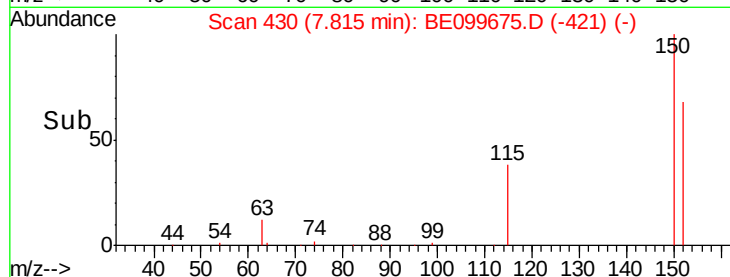
115 58.5 43.7 65.5



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



#2

1,4-Dioxane

Concen: 0.019 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

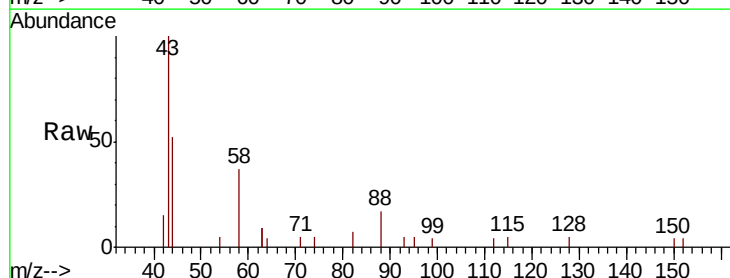
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

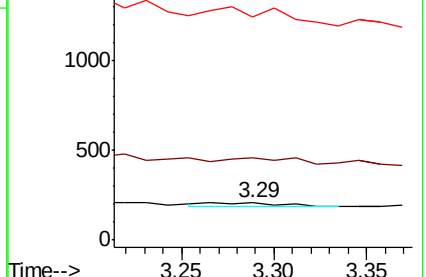
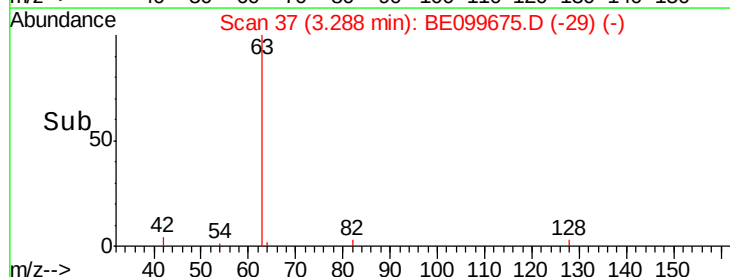
43 720.5 15.0 22.4#

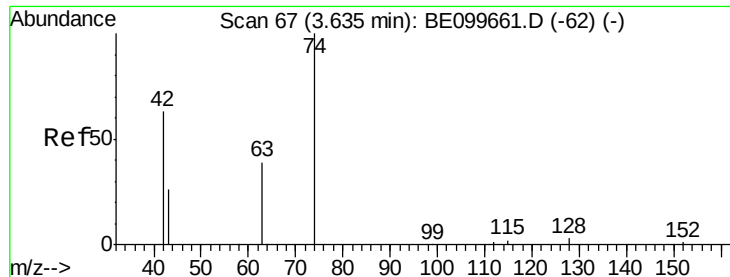


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.03 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

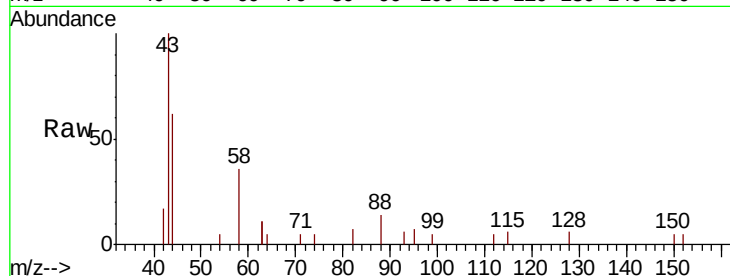
Tgt Ion: 42 Resp: 39

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

800

600

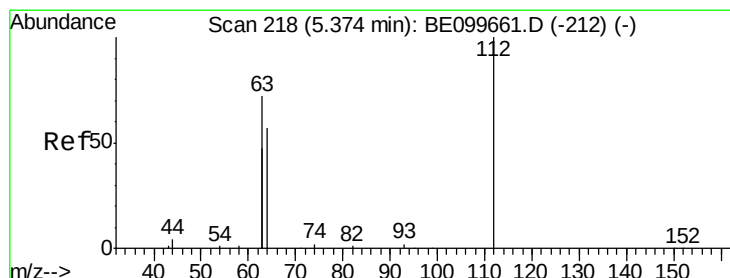
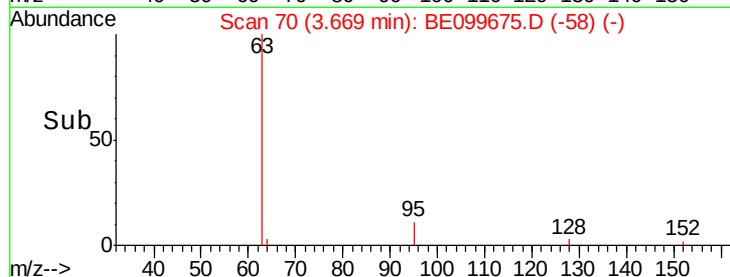
400

200

0

3.62 3.64 3.66 3.68

Time-->



#4

2-Fluorophenol

Concen: 0.370 ng

RT: 5.38 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

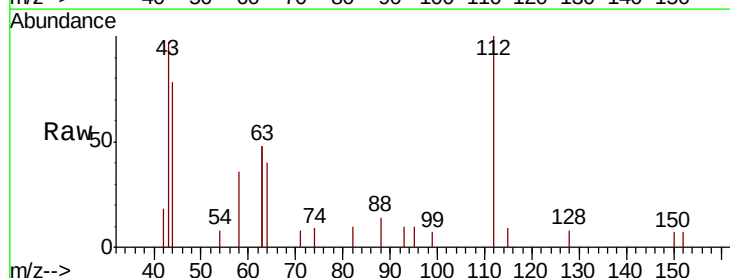
Tgt Ion: 112 Resp: 1276

Ion Ratio Lower Upper

112 100

64 52.8 43.4 65.2

63 105.3 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

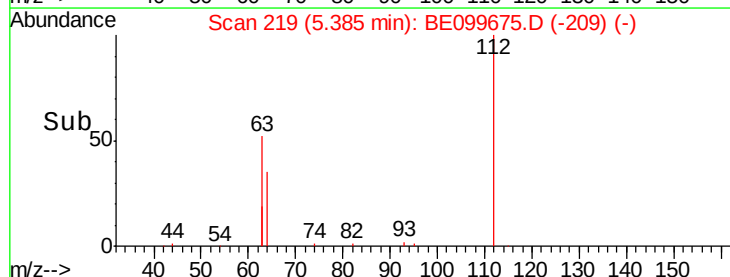
1000

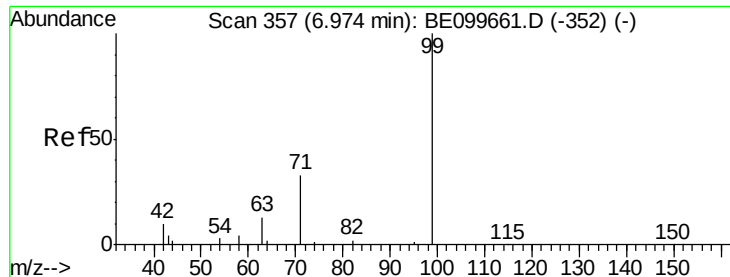
500

0

5.20 5.30 5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.375 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

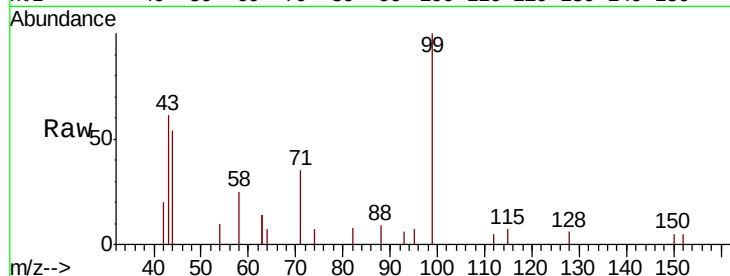
Tgt Ion: 99 Resp: 1710

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

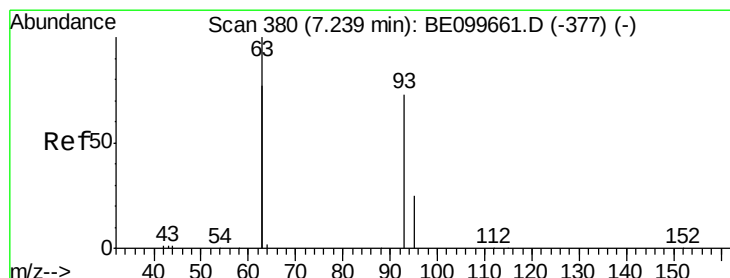
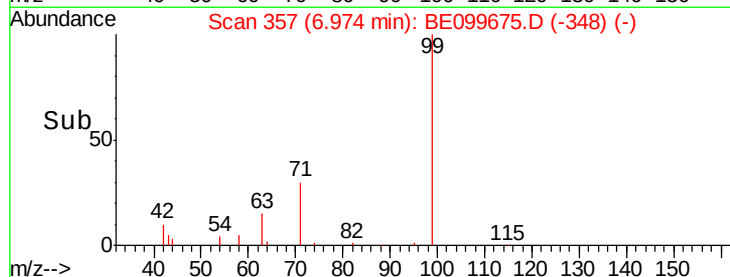
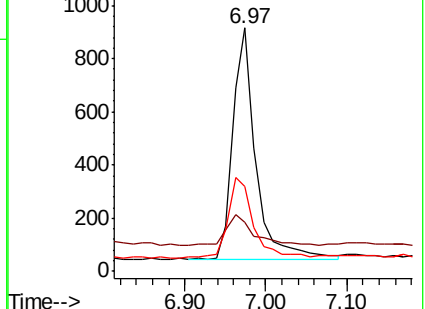
71 37.8 28.9 43.3



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: 0.018 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

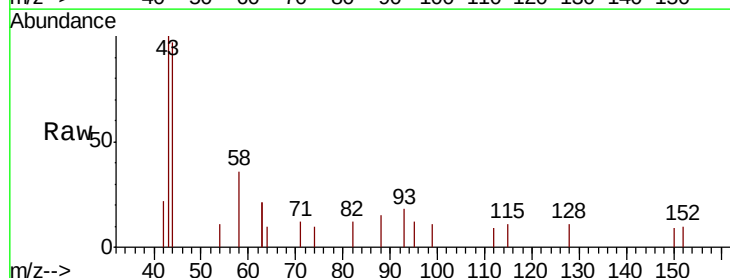
Tgt Ion: 93 Resp: 72

Ion Ratio Lower Upper

93 100

63 0.0 207.8 311.6#

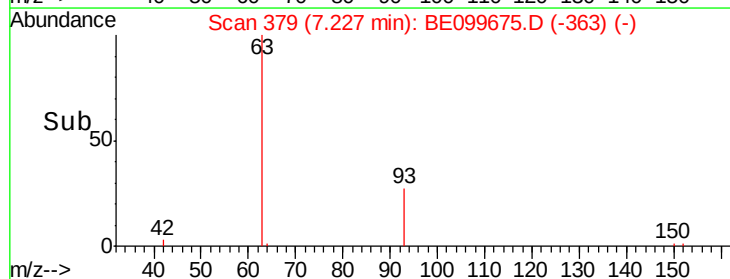
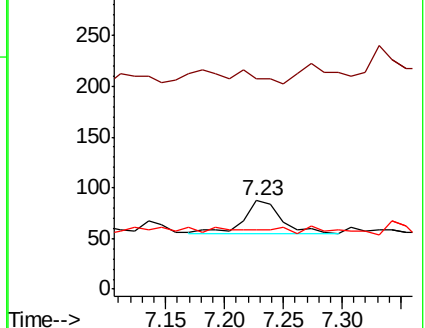
95 0.0 25.9 38.9#

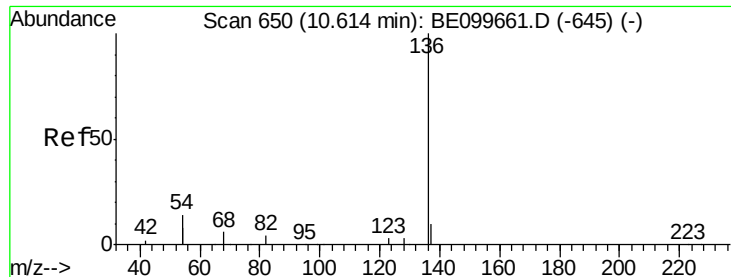


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

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ClientSampleId :

FESB-11(7-7.5)

Tgt Ion:136 Resp: 4534

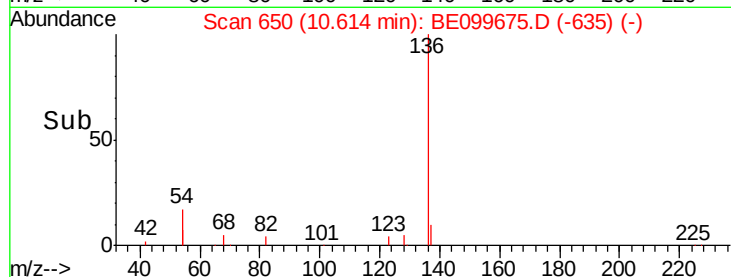
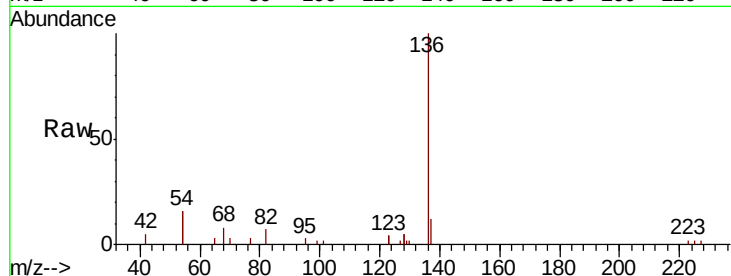
Ion Ratio Lower Upper

136 100

137 12.2 9.0 13.6

54 32.6 22.3 33.5

68 7.8 6.0 9.0

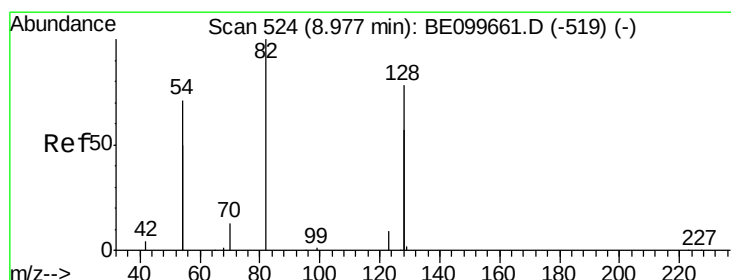
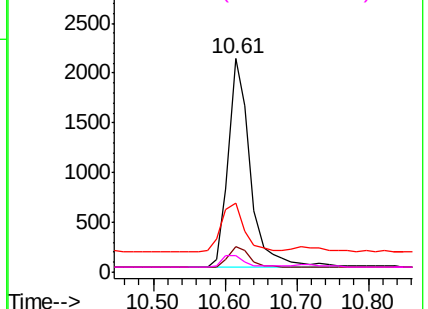


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

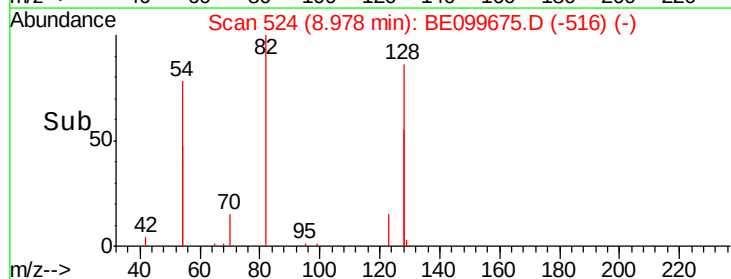
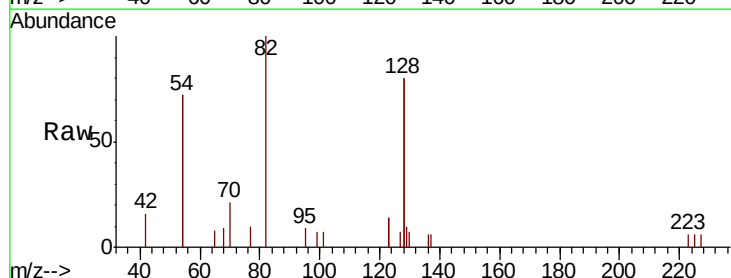
Tgt Ion: 82 Resp: 1427

Ion Ratio Lower Upper

82 100

128 159.2 117.7 176.5

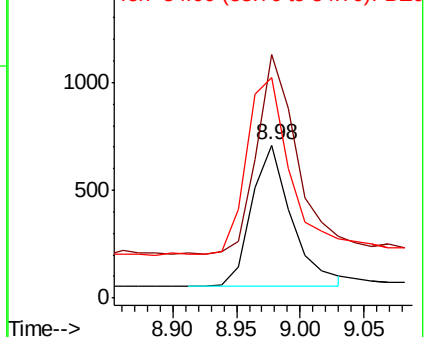
54 144.5 106.6 160.0

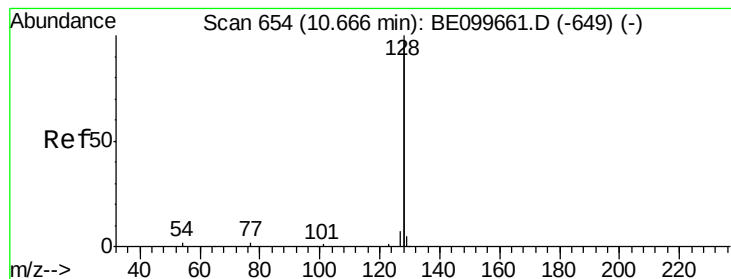


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

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: BE099675.D

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FESB-11(7-7.5)

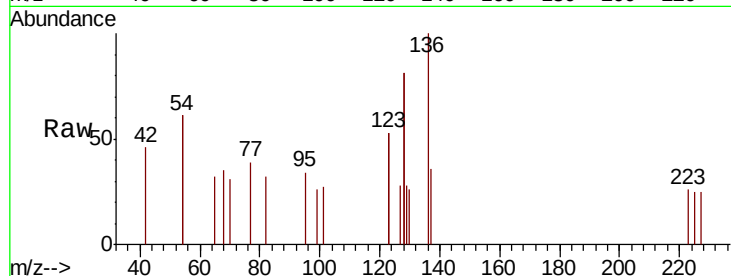
Tgt Ion:128 Resp: 270

Ion Ratio Lower Upper

128 100

129 17.2 2.4 3.6#

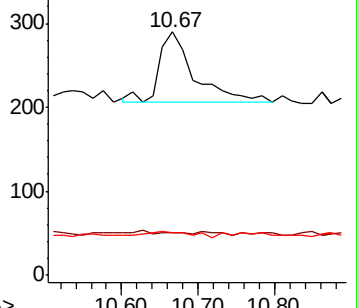
127 17.2 2.9 4.3#



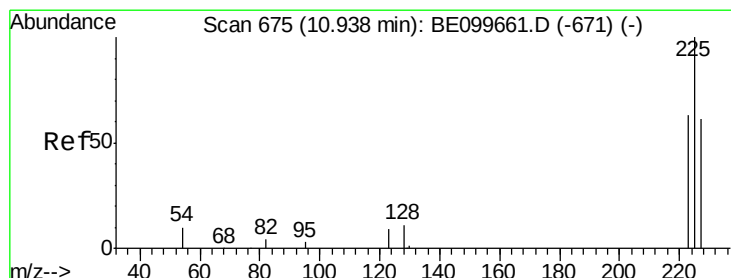
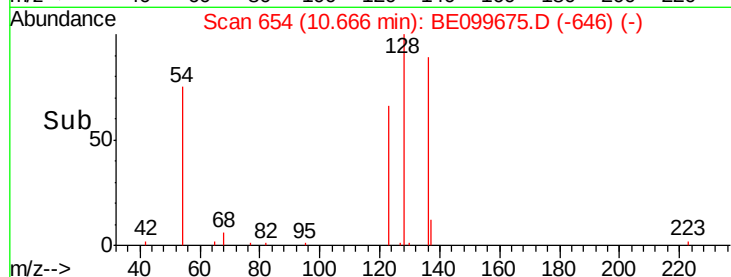
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

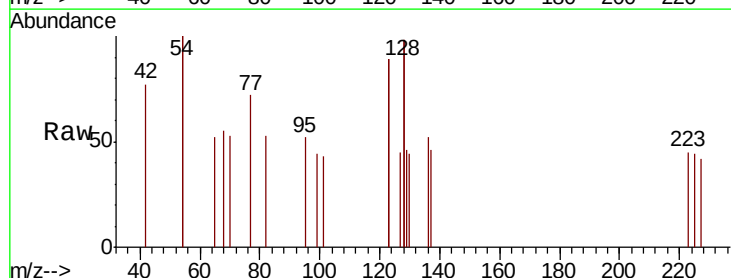
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 0.0 51.8 77.6#

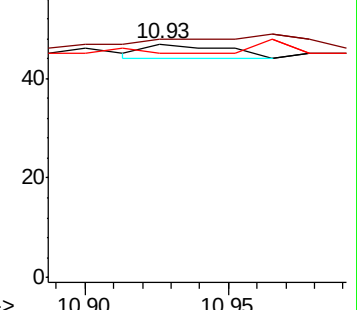
227 20.0 52.6 79.0#



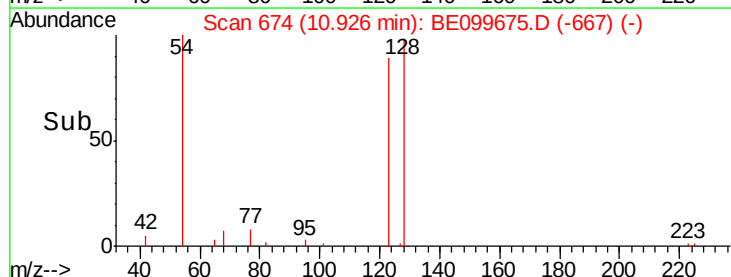
Abundance Ion 225.00 (224.70 to 225.70): E

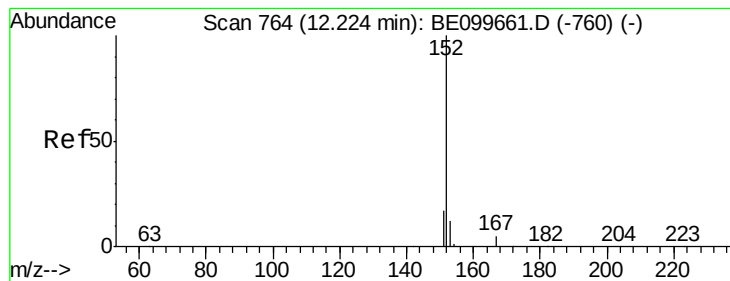
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.366 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099675.D

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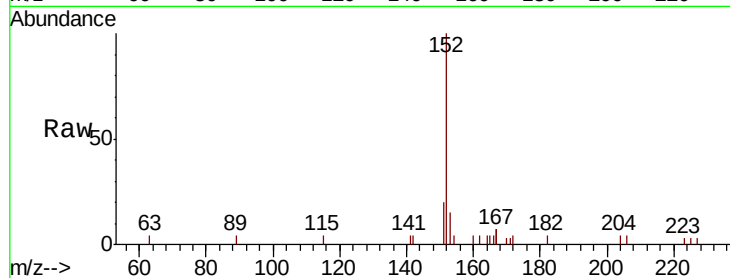
FESB-11(7-7.5)

Tgt Ion:152 Resp: 2865

Ion Ratio Lower Upper

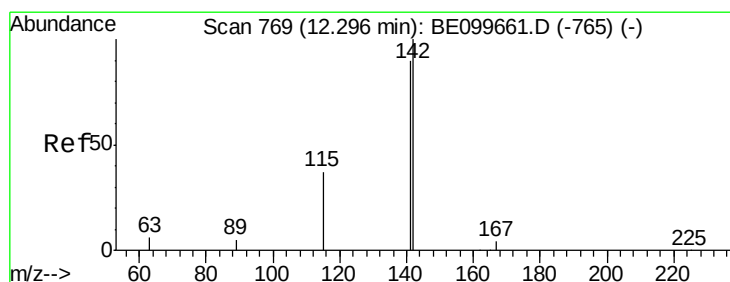
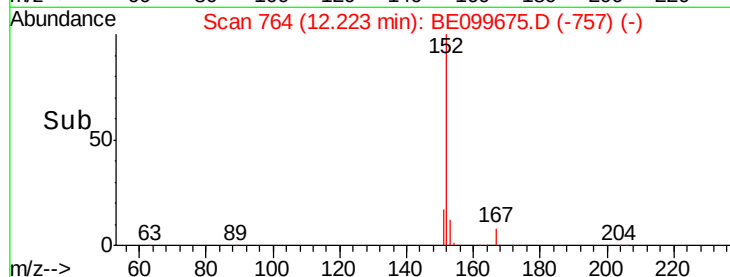
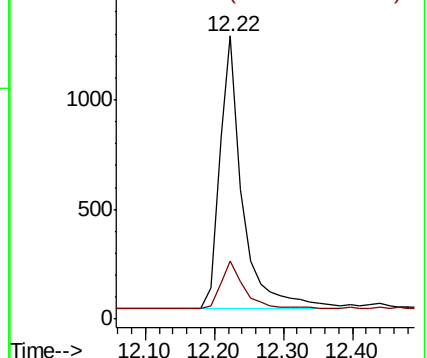
152 100

151 18.2 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: 0.003 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

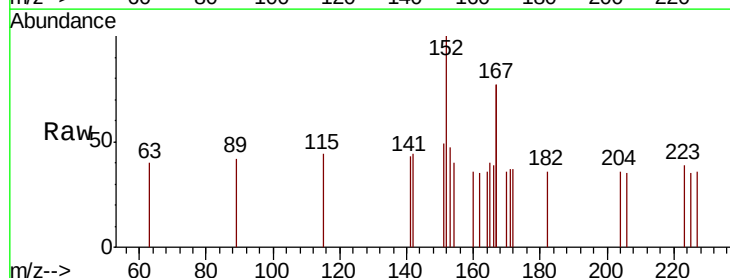
Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

142 100

141 96.4 72.0 108.0

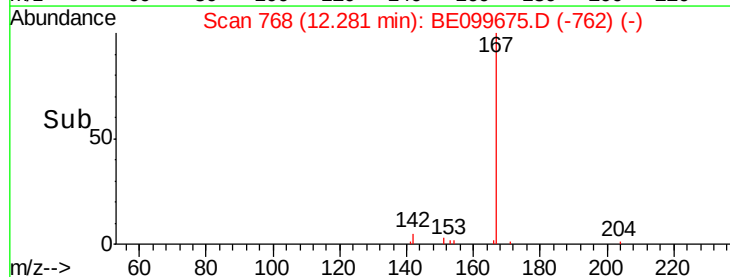
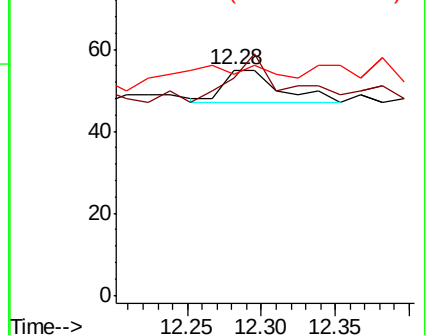
115 98.2 31.0 46.4#

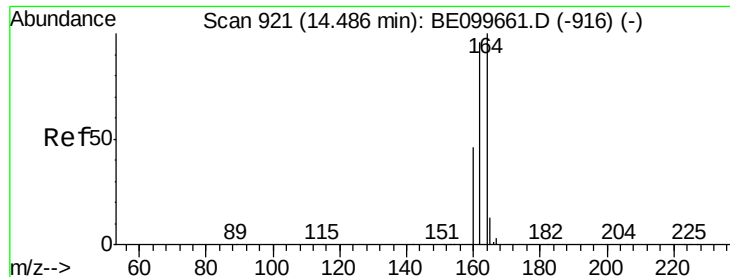


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

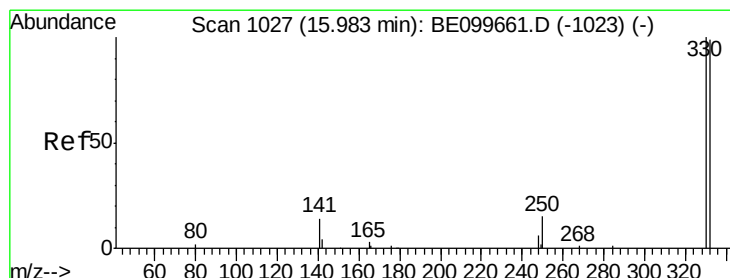
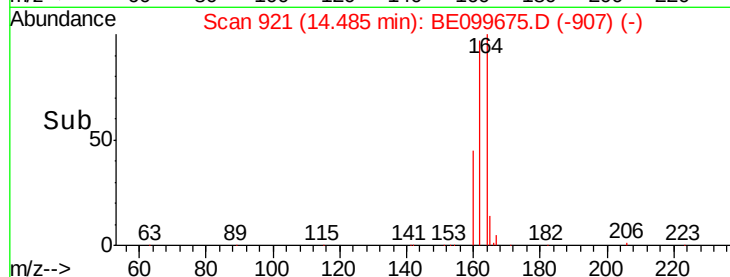
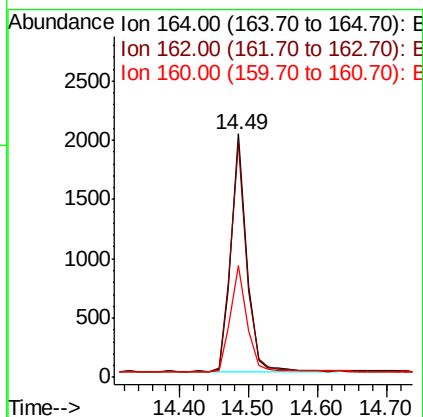
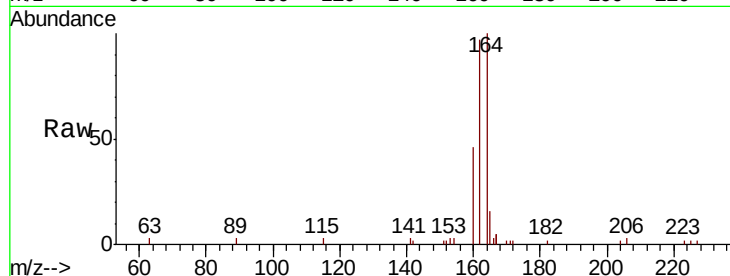




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

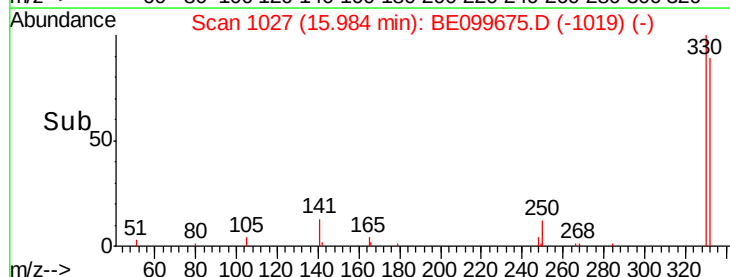
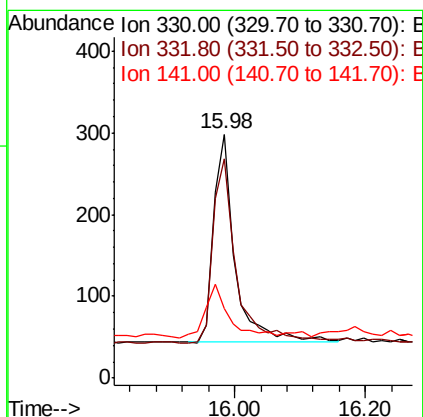
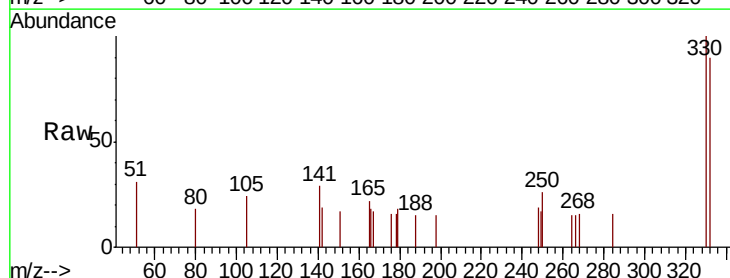
Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

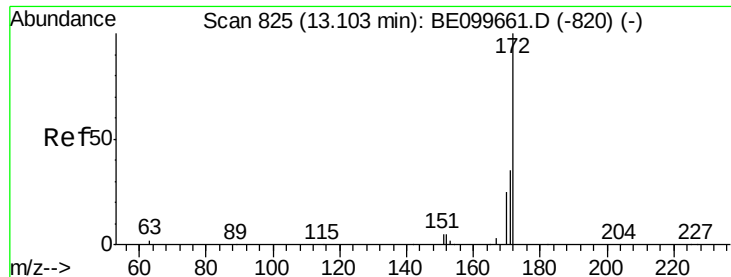
Tgt Ion:164 Resp: 3158
Ion Ratio Lower Upper
164 100
162 96.6 76.5 114.7
160 46.1 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Tgt Ion:330 Resp: 573
Ion Ratio Lower Upper
330 100
332 100.2 77.3 115.9
141 28.8 18.9 28.3#

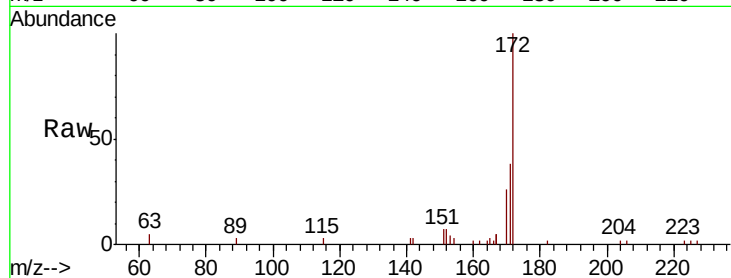




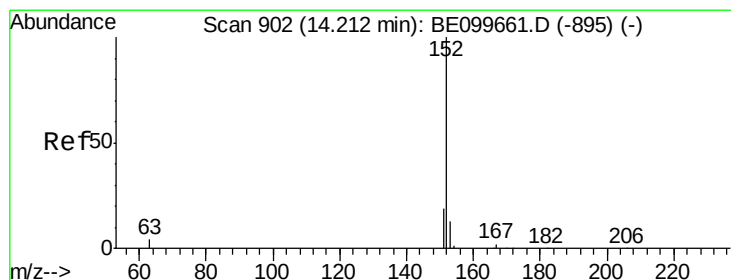
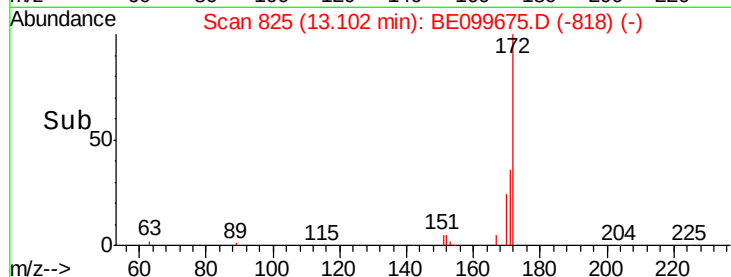
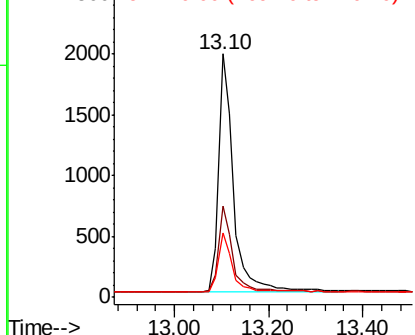
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:172 Resp: 4323
Ion Ratio Lower Upper
172 100
171 37.7 28.7 43.1
170 26.3 20.9 31.3

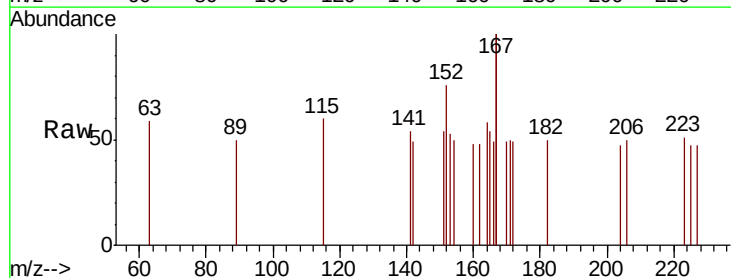


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

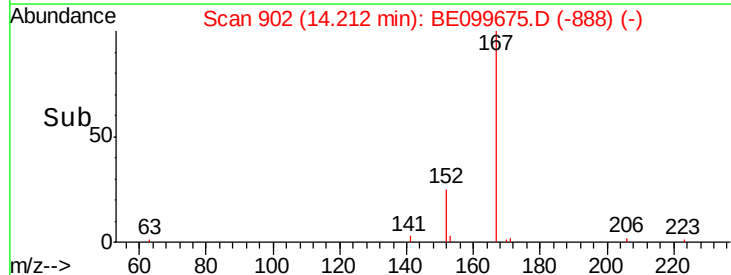
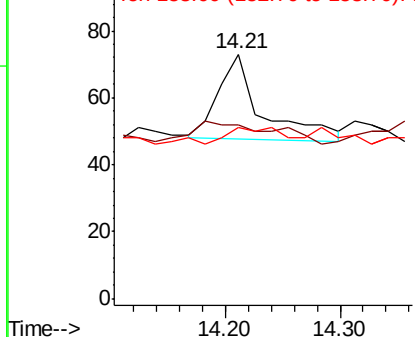


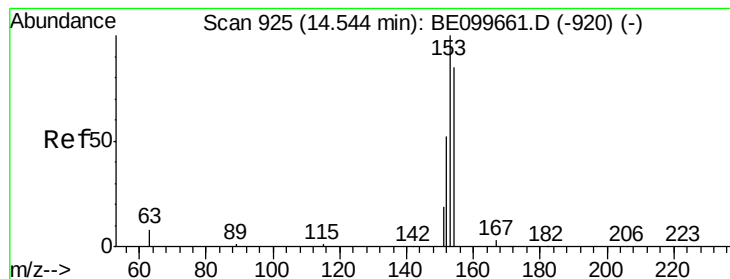
#16
Acenaphthylene
Concen: 0.005 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Tgt Ion:152 Resp: 67
Ion Ratio Lower Upper
152 100
151 0.0 15.9 23.9#
153 29.9 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: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

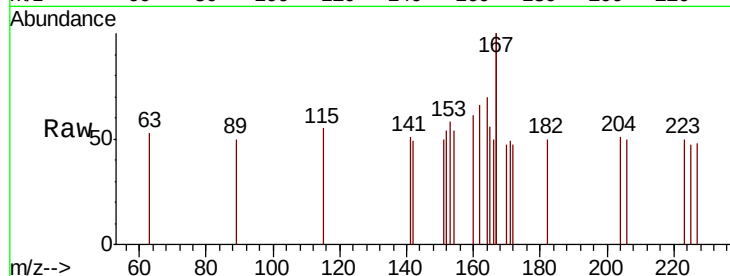
Tgt Ion:154 Resp: 8

Ion Ratio Lower Upper

154 100

153 262.5 91.8 137.6#

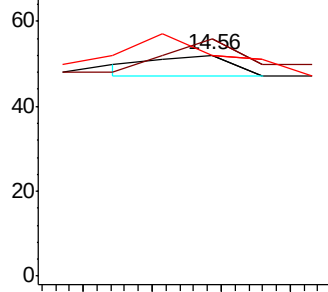
152 362.5 46.0 69.0#



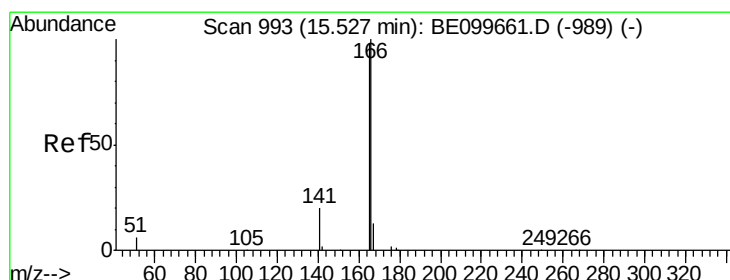
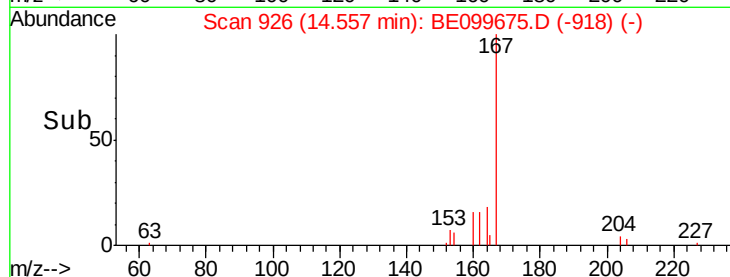
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.003 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

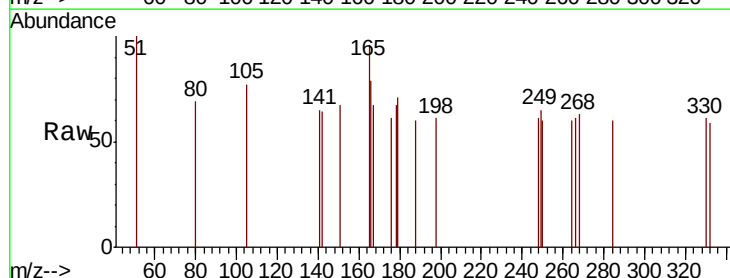
Tgt Ion:166 Resp: 41

Ion Ratio Lower Upper

166 100

165 131.7 80.3 120.5#

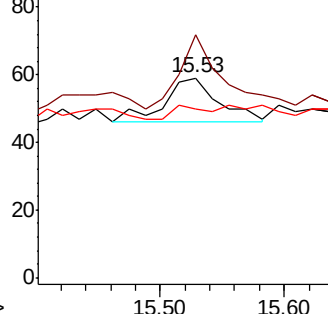
167 17.1 10.6 16.0#



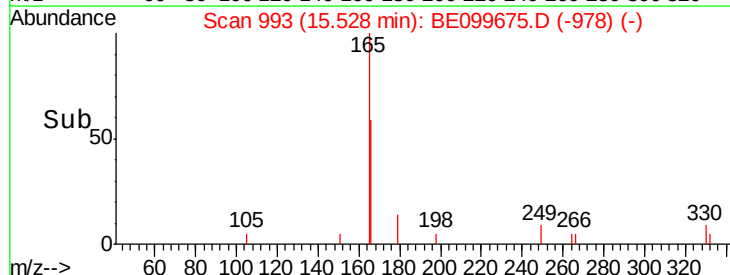
Abundance Ion 166.00 (165.70 to 166.70): E

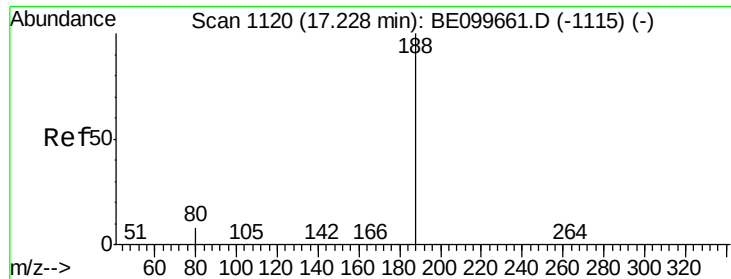
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

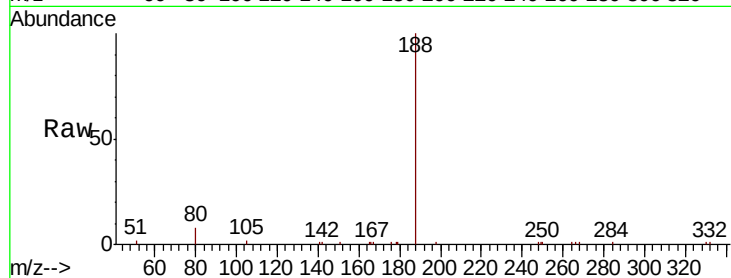
Tgt Ion:188 Resp: 9732

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

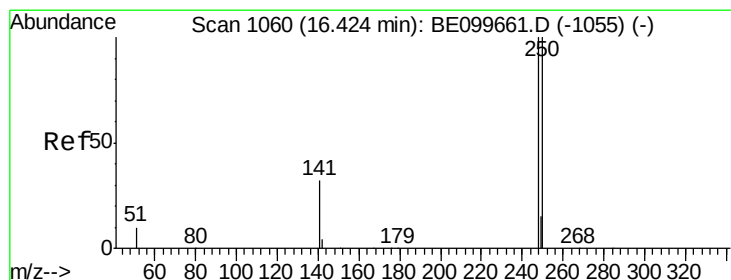
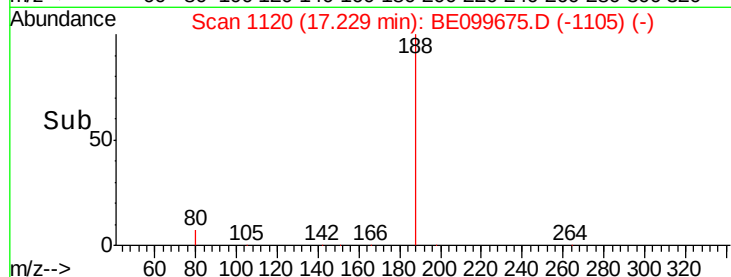
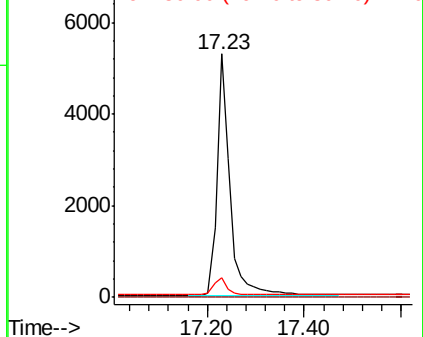
80 8.1 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

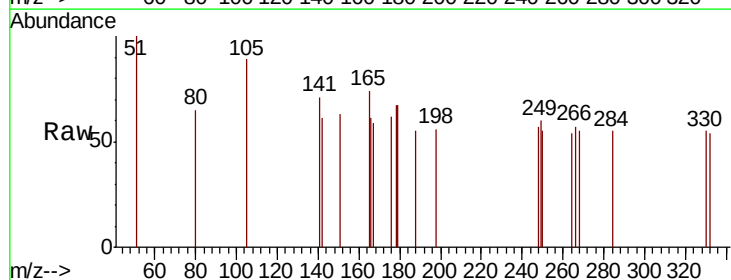
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 95.7 79.8 119.8

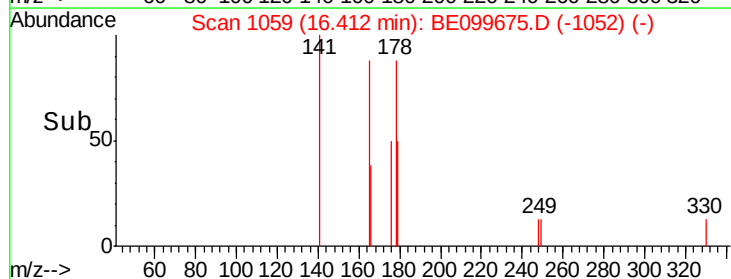
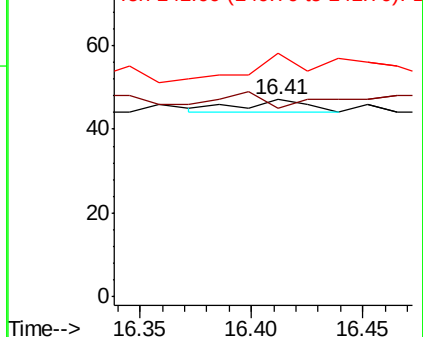
141 123.4 27.0 40.6#

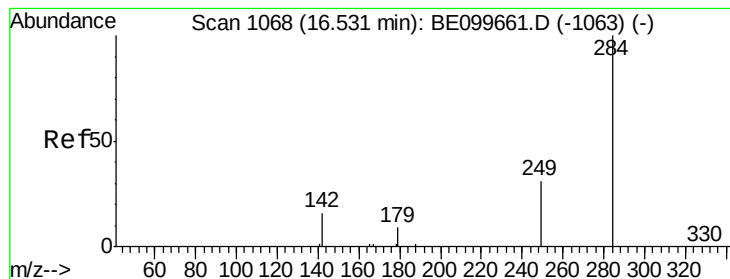


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.48 min Scan# 1064

Delta R.T. -0.05 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

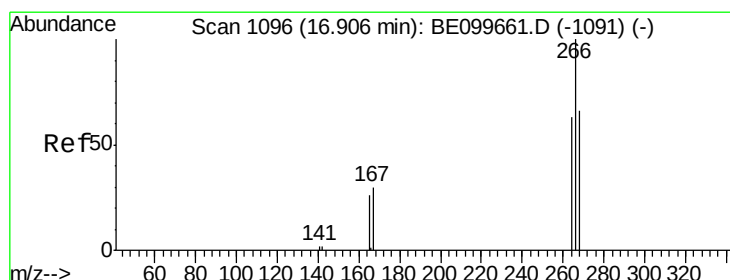
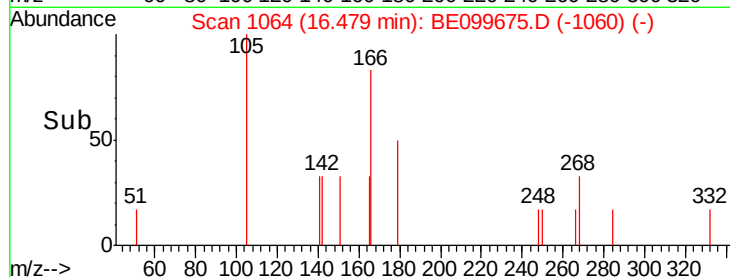
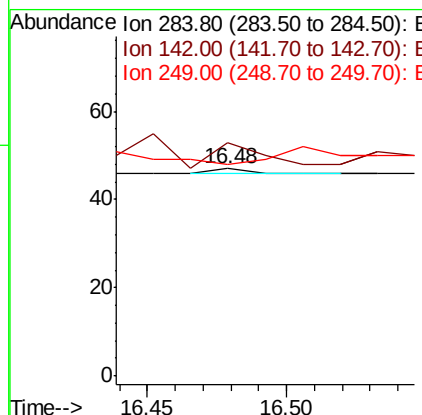
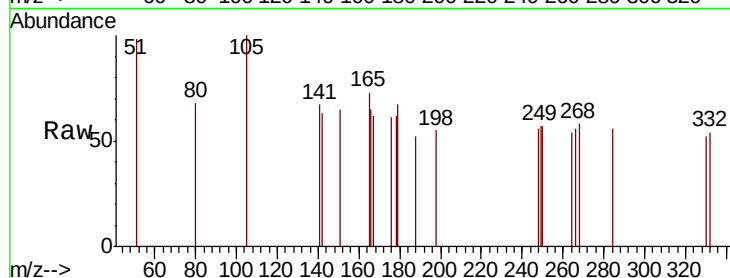
Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

Tgt Ion:	284	Resp:	1
Ion	Ratio	Lower	Upper
284	100		
142	0.0	17.8	26.6#
249	0.0	24.8	37.2#



#22

Pentachlorophenol

Concen: 0.186 ng

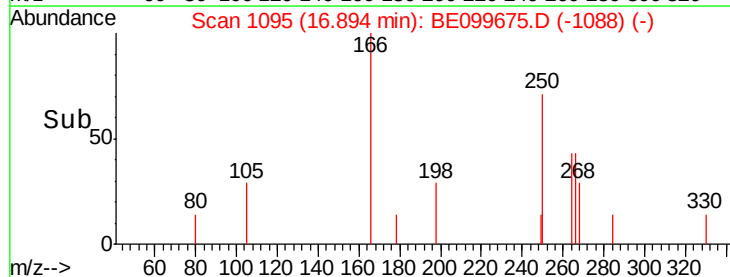
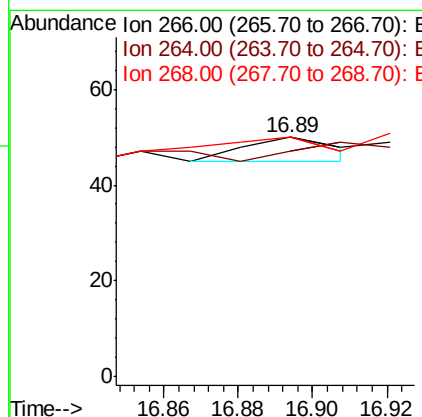
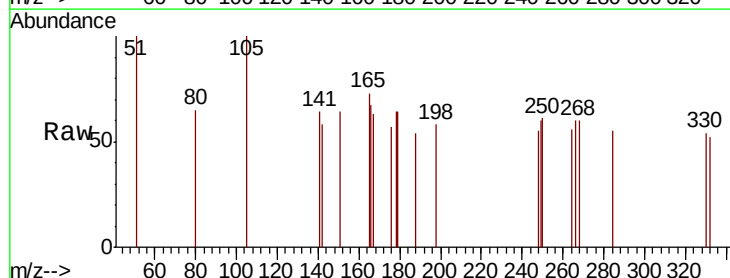
RT: 16.89 min Scan# 1095

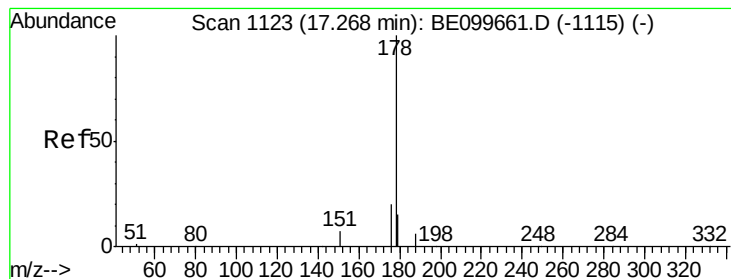
Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Tgt Ion:	266	Resp:	9
Ion	Ratio	Lower	Upper
266	100		
264	94.0	57.2	85.8#
268	100.0	60.5	90.7#





#23

Phenanthrene

Concen: 0.020 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

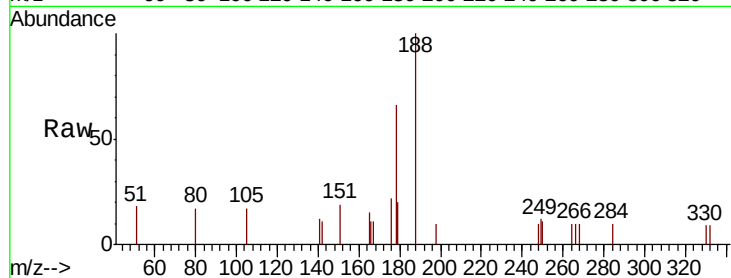
Tgt Ion:178 Resp: 464

Ion Ratio Lower Upper

178 100

176 21.8 15.6 23.4

179 20.9 12.2 18.4#

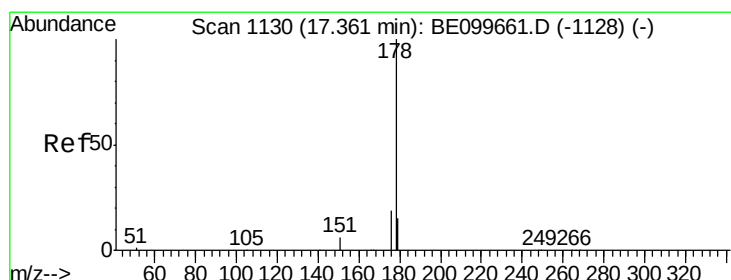
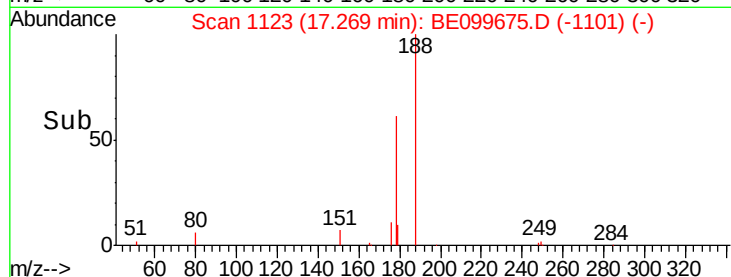
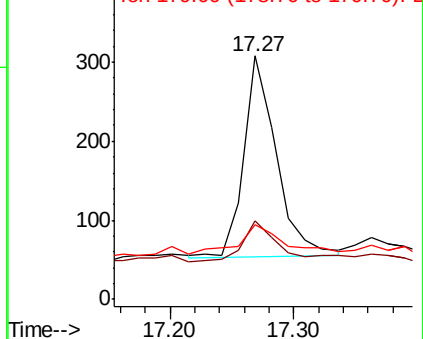


Abundance

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



#24

Anthracene

Concen: 0.003 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

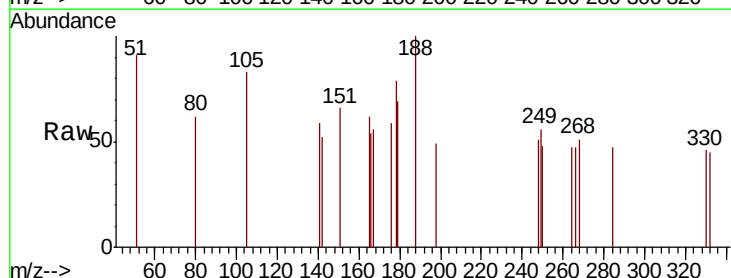
Tgt Ion:178 Resp: 58

Ion Ratio Lower Upper

178 100

176 17.2 14.7 22.1

179 27.6 12.0 18.0#

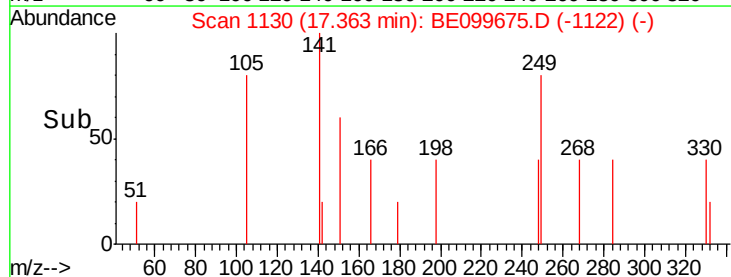
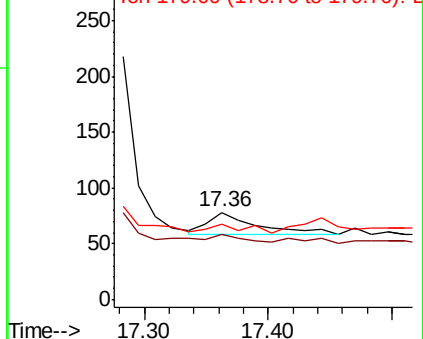


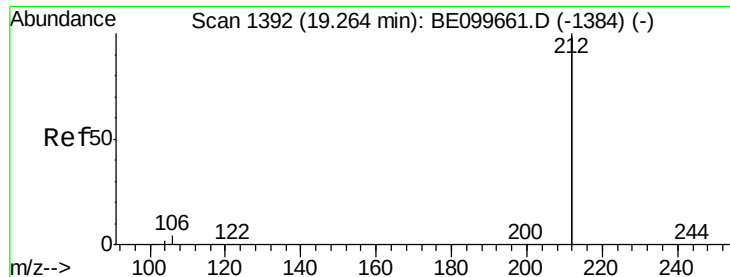
Abundance

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





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

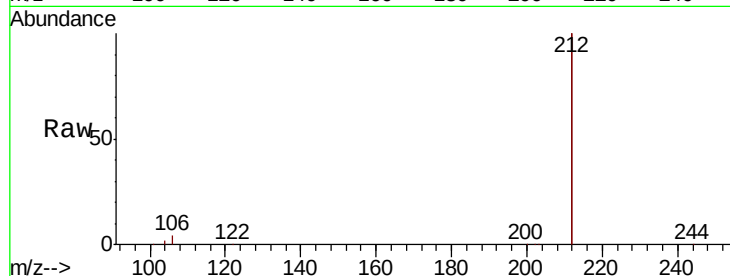
Tgt Ion:212 Resp: 46506

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.2

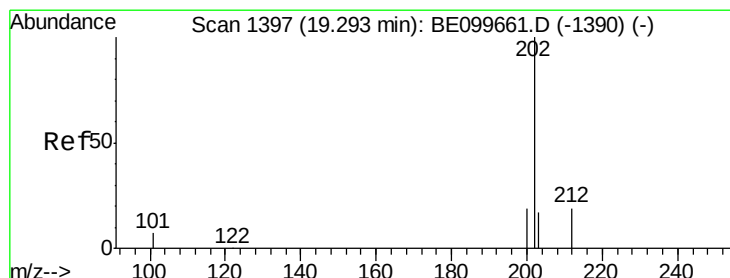
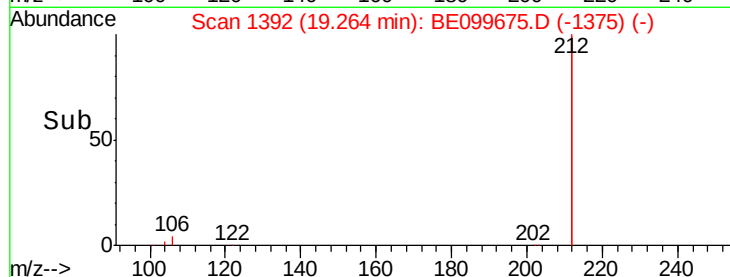
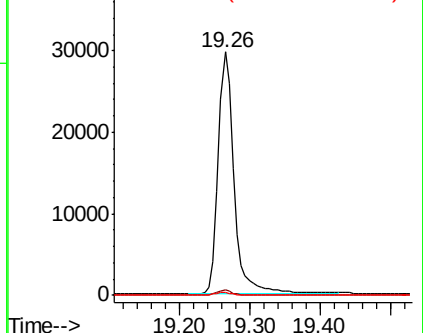
104 1.1 0.8 1.2



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



#26

Fluoranthene

Concen: 0.031 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

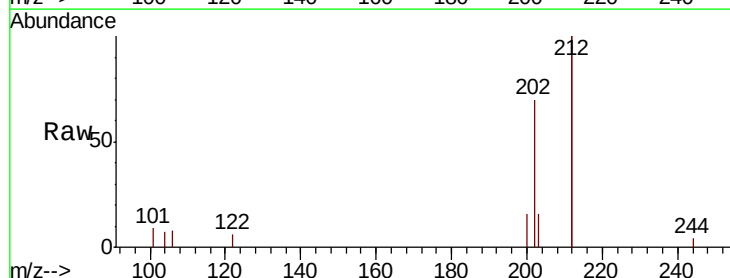
Tgt Ion:202 Resp: 1157

Ion Ratio Lower Upper

202 100

101 8.1 5.2 7.8#

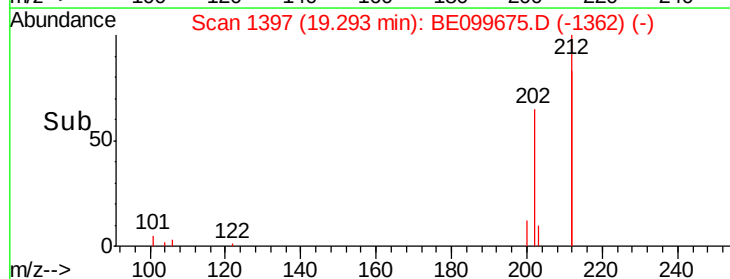
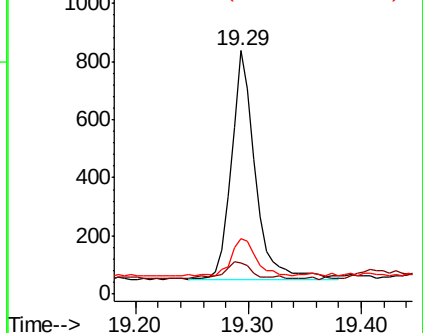
203 17.4 13.8 20.6

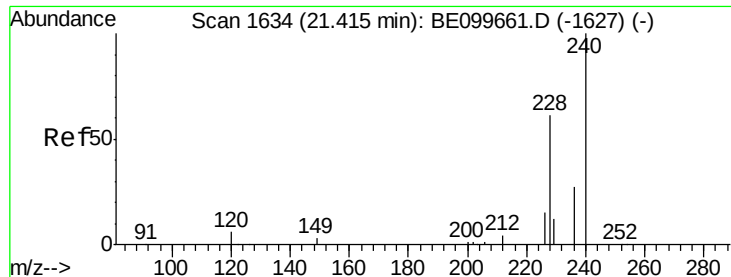


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

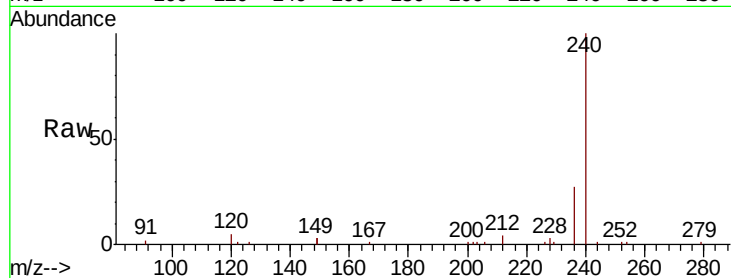




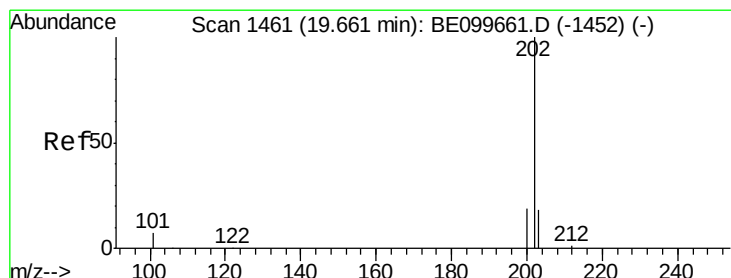
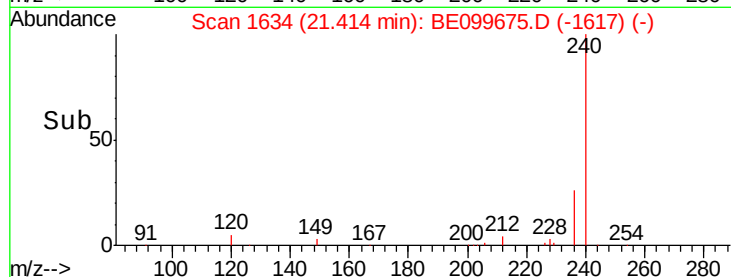
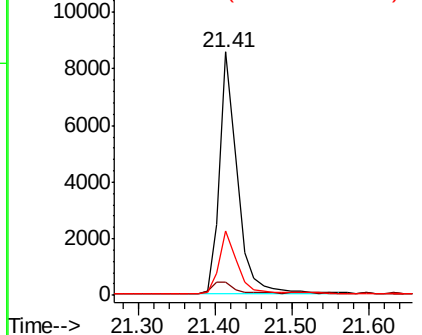
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099675.D
 Acq: 21 May 2019 00:09

Instrument :
 BNA_E
 ClientSampleId :
 FESB-11(7-7.5)

Tgt Ion:240 Resp: 13770
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.4 8.0
 236 26.7 21.7 32.5

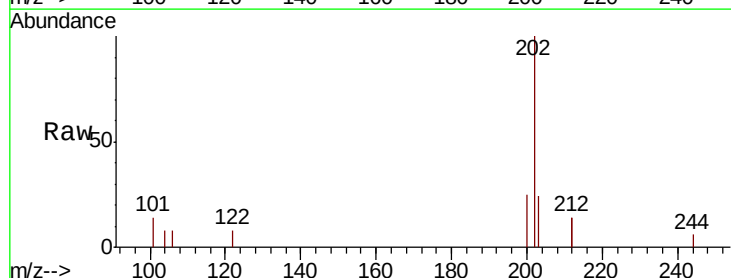


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

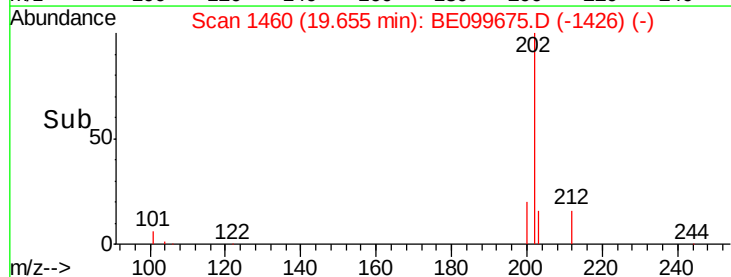
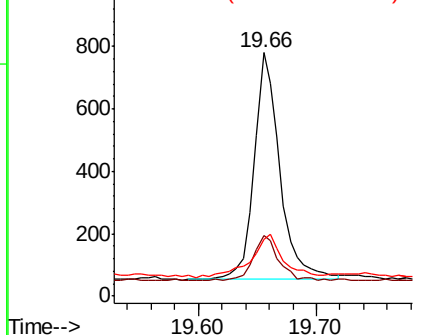


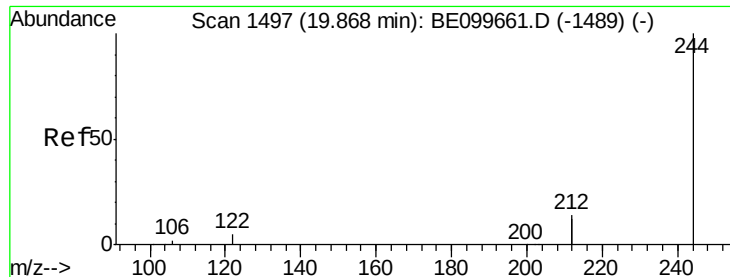
#28
 Pyrene
 Concen: 0.032 ng
 RT: 19.66 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BE099675.D
 Acq: 21 May 2019 00:09

Tgt Ion:202 Resp: 1108
 Ion Ratio Lower Upper
 202 100
 200 20.0 15.4 23.2
 203 24.3 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: 0.405 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

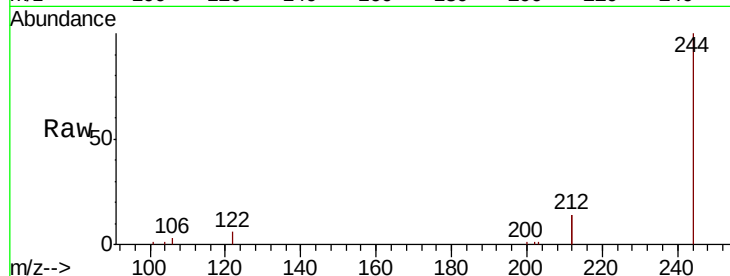
Tgt Ion:244 Resp: 9954

Ion Ratio Lower Upper

244 100

212 28.1 22.5 33.7

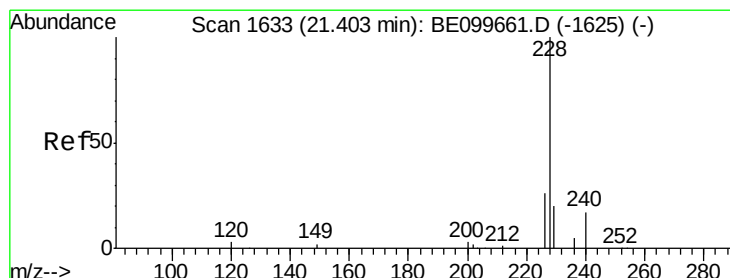
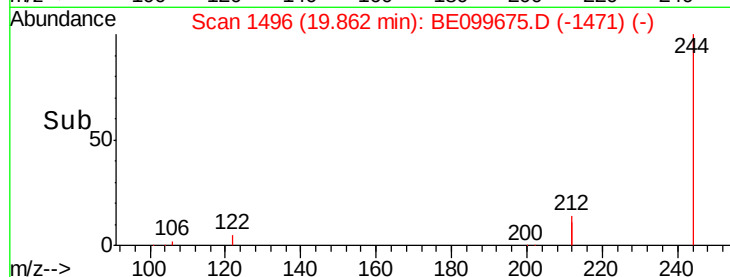
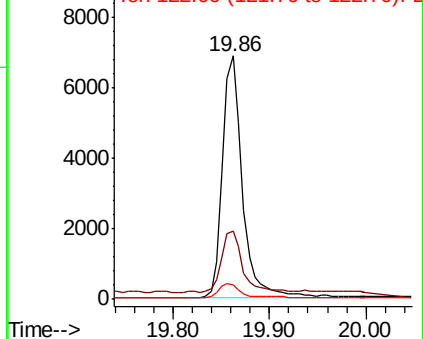
122 6.2 4.3 6.5



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: 0.026 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

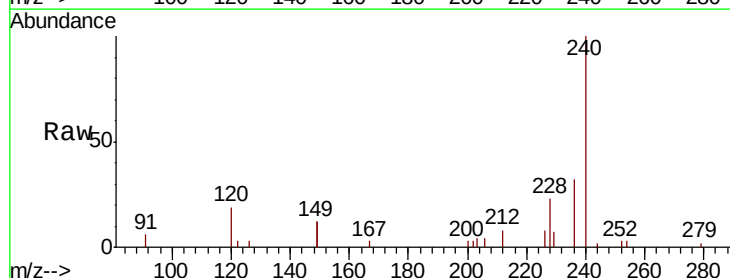
Tgt Ion:228 Resp: 1033

Ion Ratio Lower Upper

228 100

226 32.9 21.3 31.9#

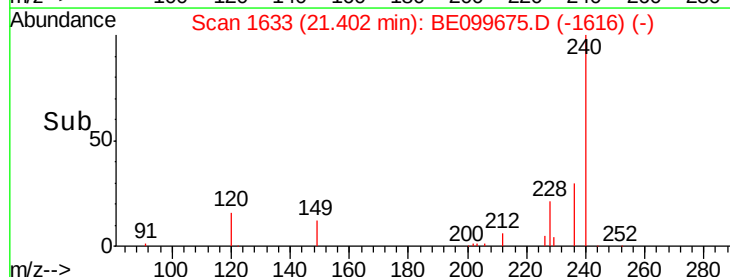
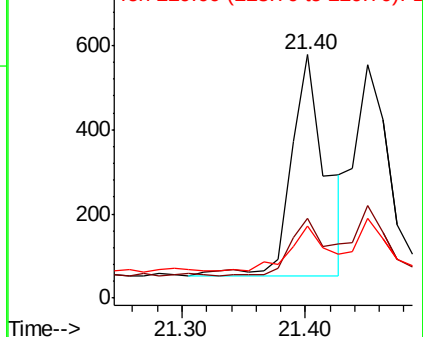
229 29.8 16.1 24.1#

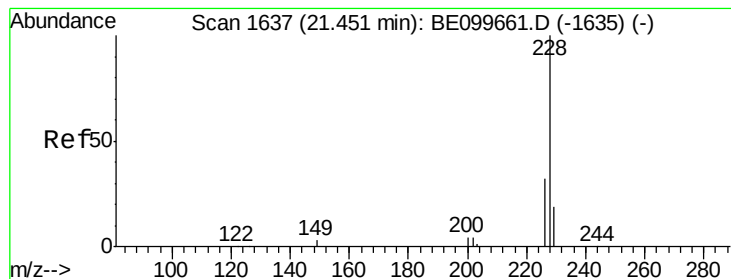


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.022 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

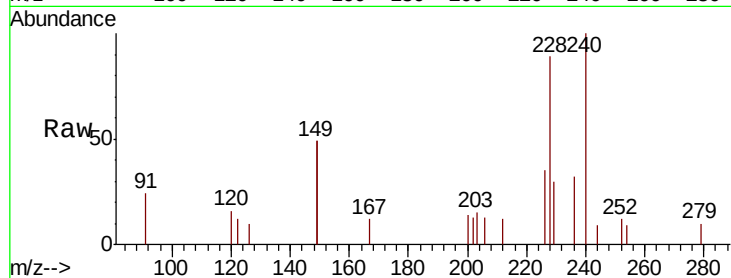
Tgt Ion:228 Resp: 912

Ion Ratio Lower Upper

228 100

226 39.6 24.7 37.1#

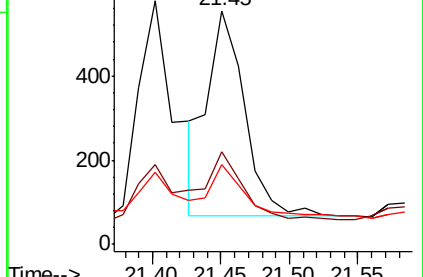
229 34.1 15.8 23.6#



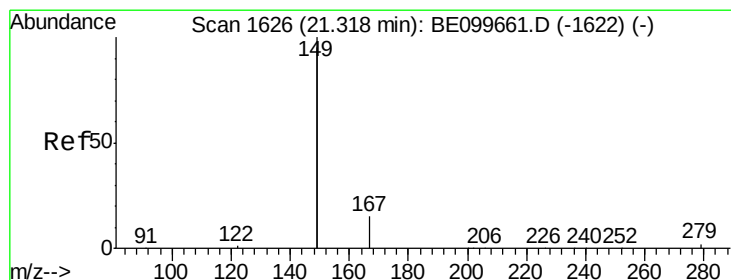
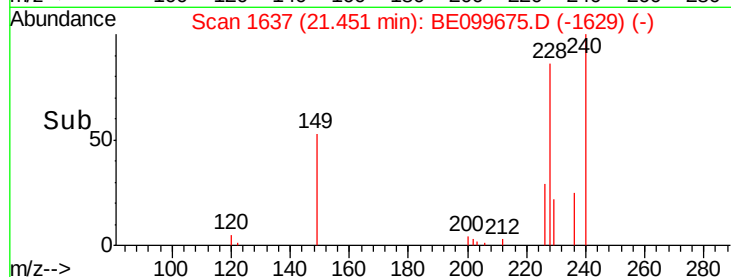
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.310 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

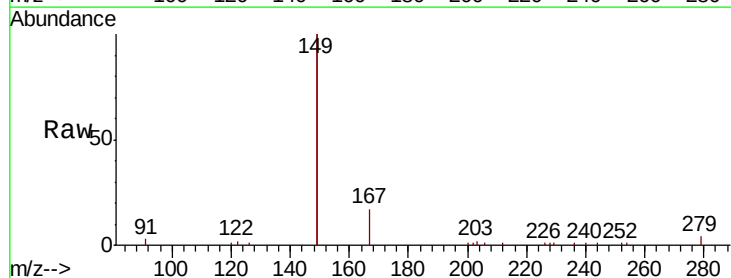
Tgt Ion:149 Resp: 13963

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

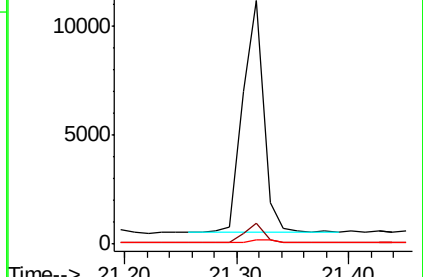
279 1.5 1.2 1.8



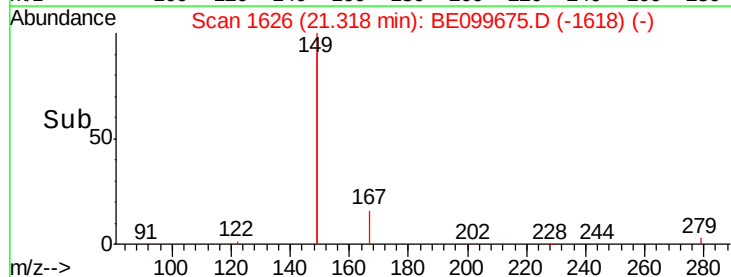
Abundance Ion 149.00 (148.70 to 149.70): E

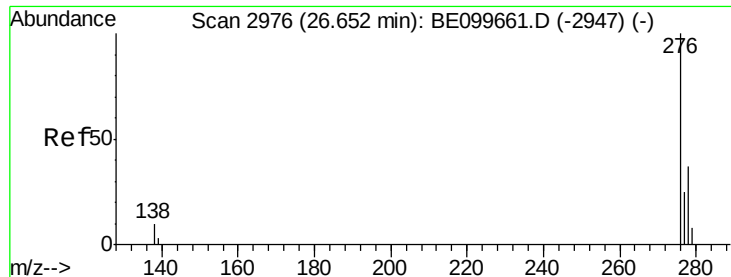
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng

RT: 26.65 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

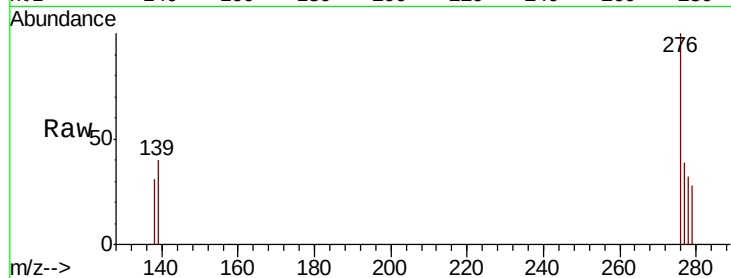
Tgt Ion:276 Resp: 1036

Ion Ratio Lower Upper

276 100

138 8.0 9.6 14.4#

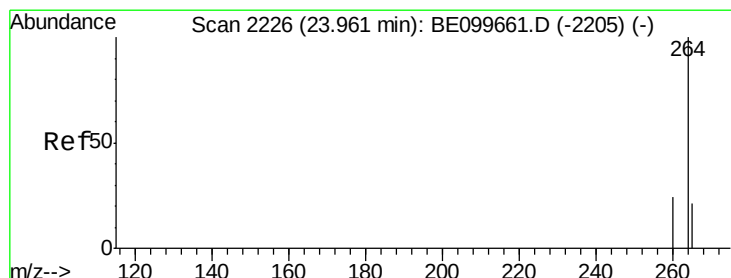
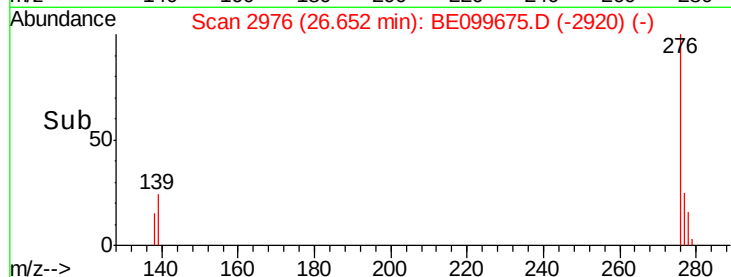
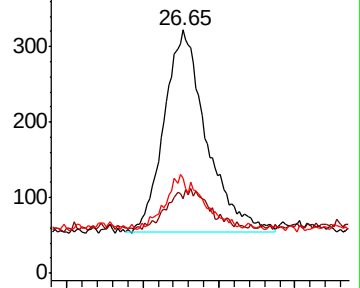
277 13.8 19.2 28.8#



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# 2225

Delta R.T. -0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

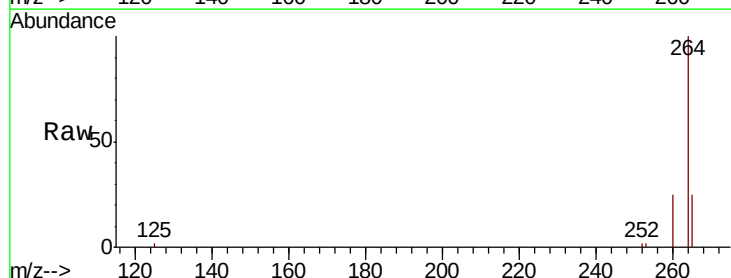
Tgt Ion:264 Resp: 16925

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

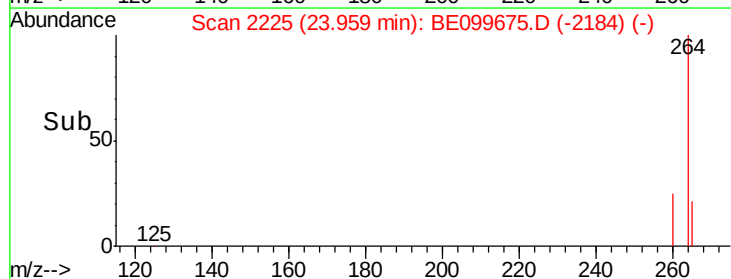
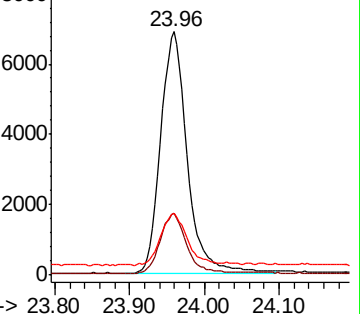
265 25.2 19.1 28.7

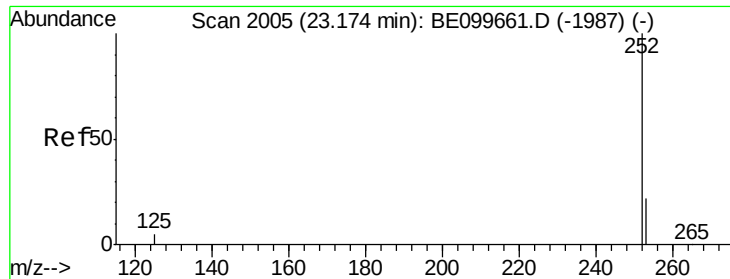


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

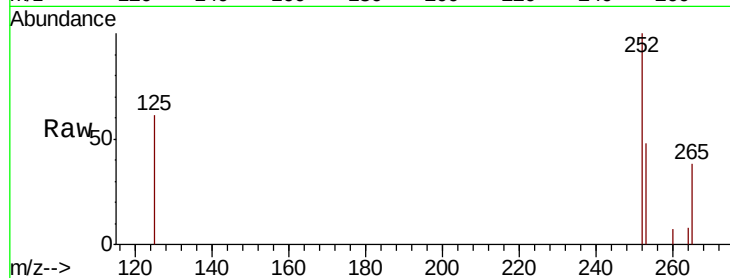




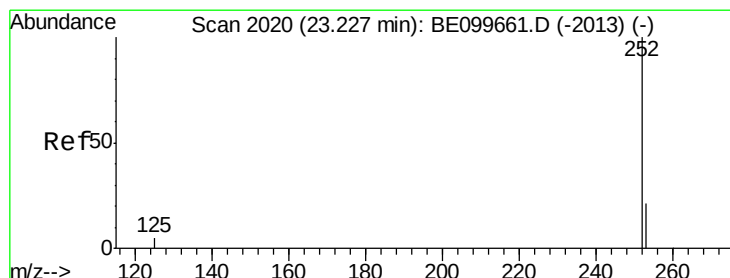
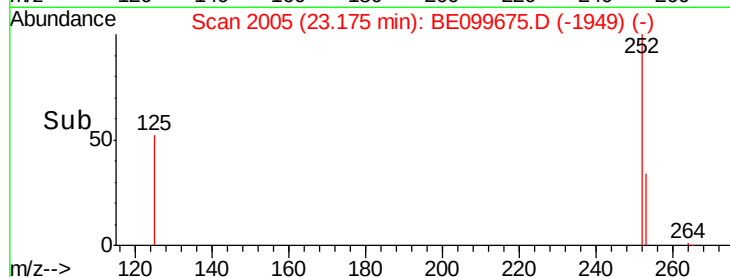
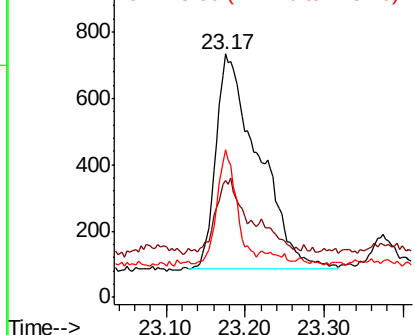
#35
Benzo(b)fluoranthene
Concen: 0.052 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Instrument :
BNA_E
ClientSampleId :
FESB-11(7-7.5)

Tgt Ion:252 Resp: 2421
Ion Ratio Lower Upper
252 100
253 48.1 18.2 27.4#
125 60.6 4.5 6.7#

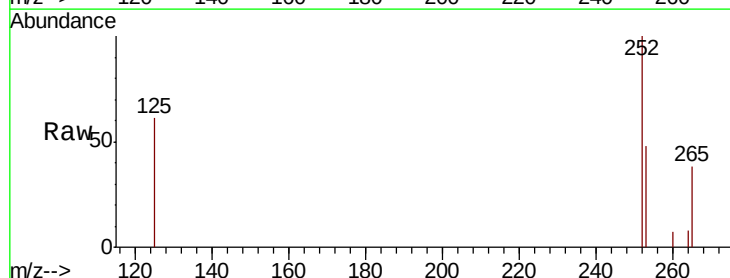


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

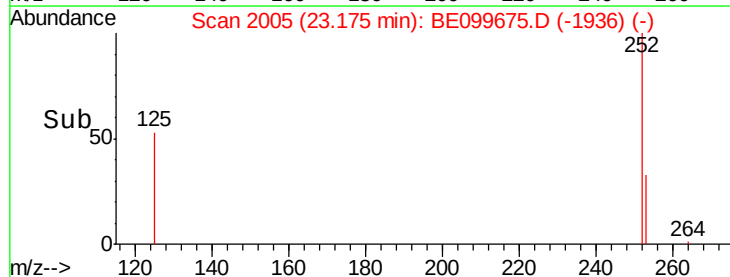
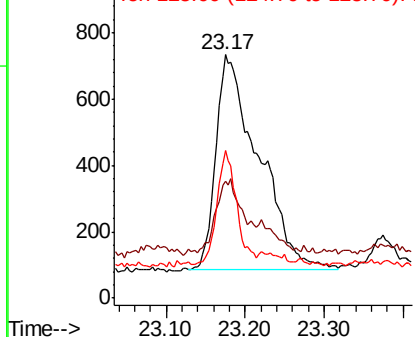


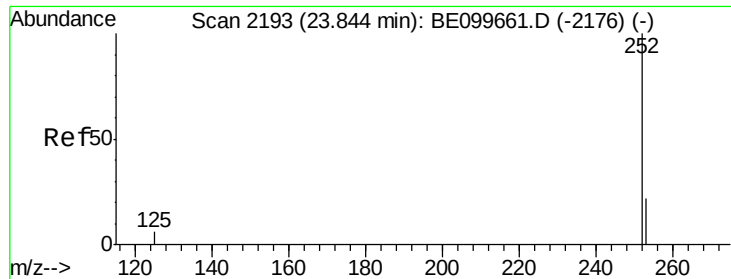
#36
Benzo(k)fluoranthene
Concen: 0.050 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.05 min
Lab File: BE099675.D
Acq: 21 May 2019 00:09

Tgt Ion:252 Resp: 2421
Ion Ratio Lower Upper
252 100
253 48.1 17.8 26.8#
125 60.6 4.6 6.8#



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: 0.024 ng

RT: 23.84 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)

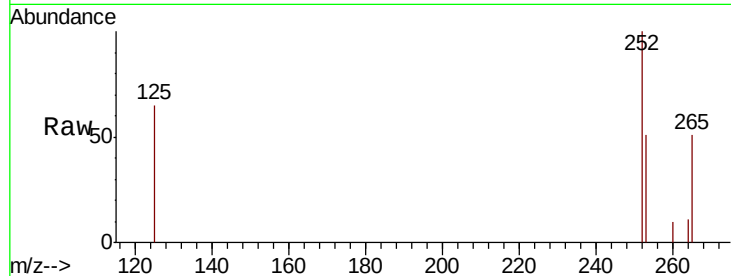
Tgt Ion:252 Resp: 1064

Ion Ratio Lower Upper

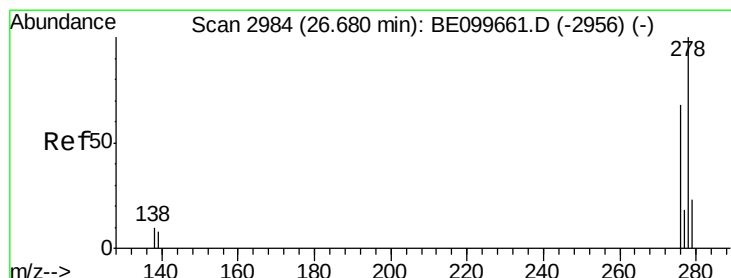
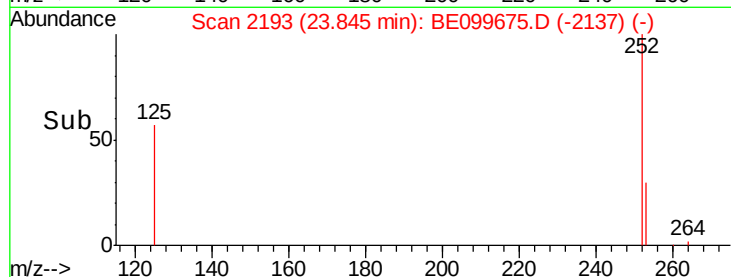
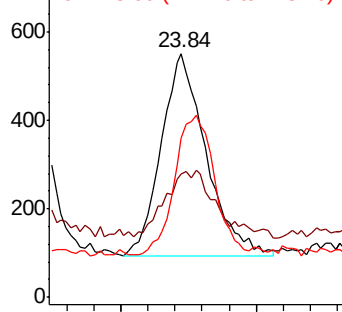
252 100

253 50.8 18.9 28.3#

125 65.3 5.4 8.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 26.67 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BE099675.D

Acq: 21 May 2019 00:09

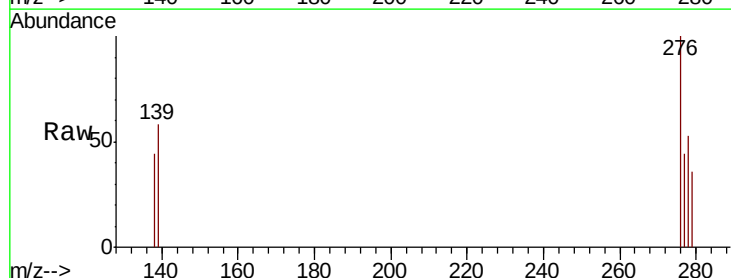
Tgt Ion:278 Resp: 147

Ion Ratio Lower Upper

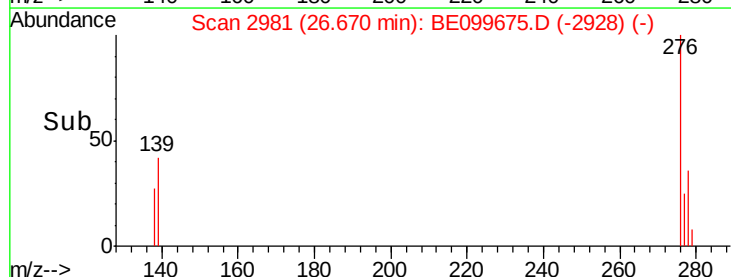
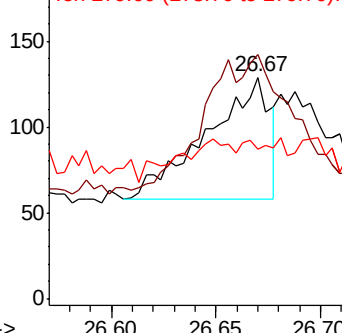
278 100

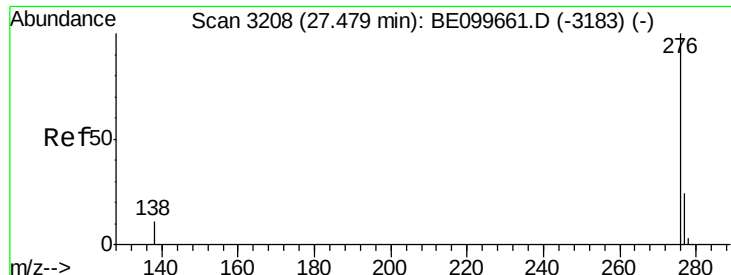
139 110.1 6.9 10.3#

279 67.4 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: 0.022 ng

RT: 27.49 min Scan# 3210

Delta R.T. 0.01 min

Lab File: BE099675.D

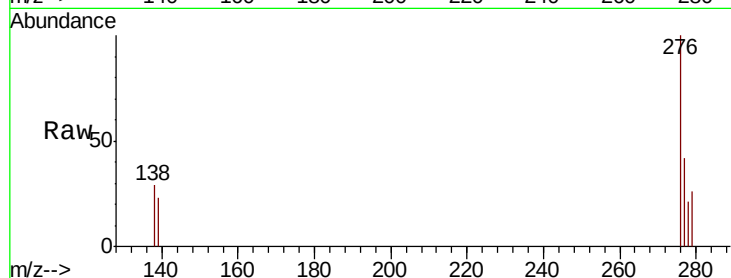
Acq: 21 May 2019 00:09

Instrument :

BNA_E

ClientSampleId :

FESB-11(7-7.5)



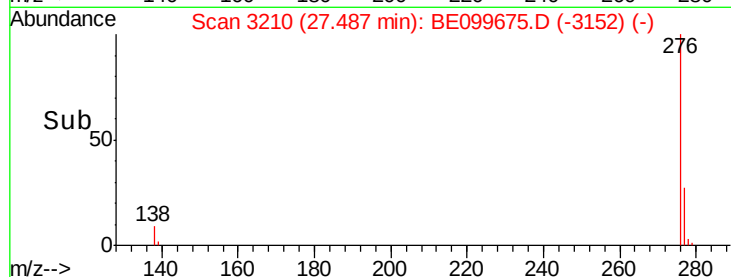
Tgt Ion: 276 Resp: 1039

Ion Ratio Lower Upper

276 100

277 41.6 19.8 29.6#

138 28.9 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

27.49

300

200

100

0

Time-->