

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099679.D
 Acq On : 21 May 2019 2:32
 Operator : JU/SJ
 Sample : K2944-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-2(14.5-15)

Quant Time: May 21 06:44:21 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	1494	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5186	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3829	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11001	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16034	0.40	ng	0.00
34) Perylene-d12	23.96	264	20174	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	1173	0.31	ng	0.00
5) Phenol-d6	6.98	99	1667	0.33	ng	0.00
8) Nitrobenzene-d5	8.98	82	1238	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2589	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	598	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3953	0.27	ng	0.00
25) Fluoranthene-d10	19.26	212	42152	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	9321	0.33	ng	0.00

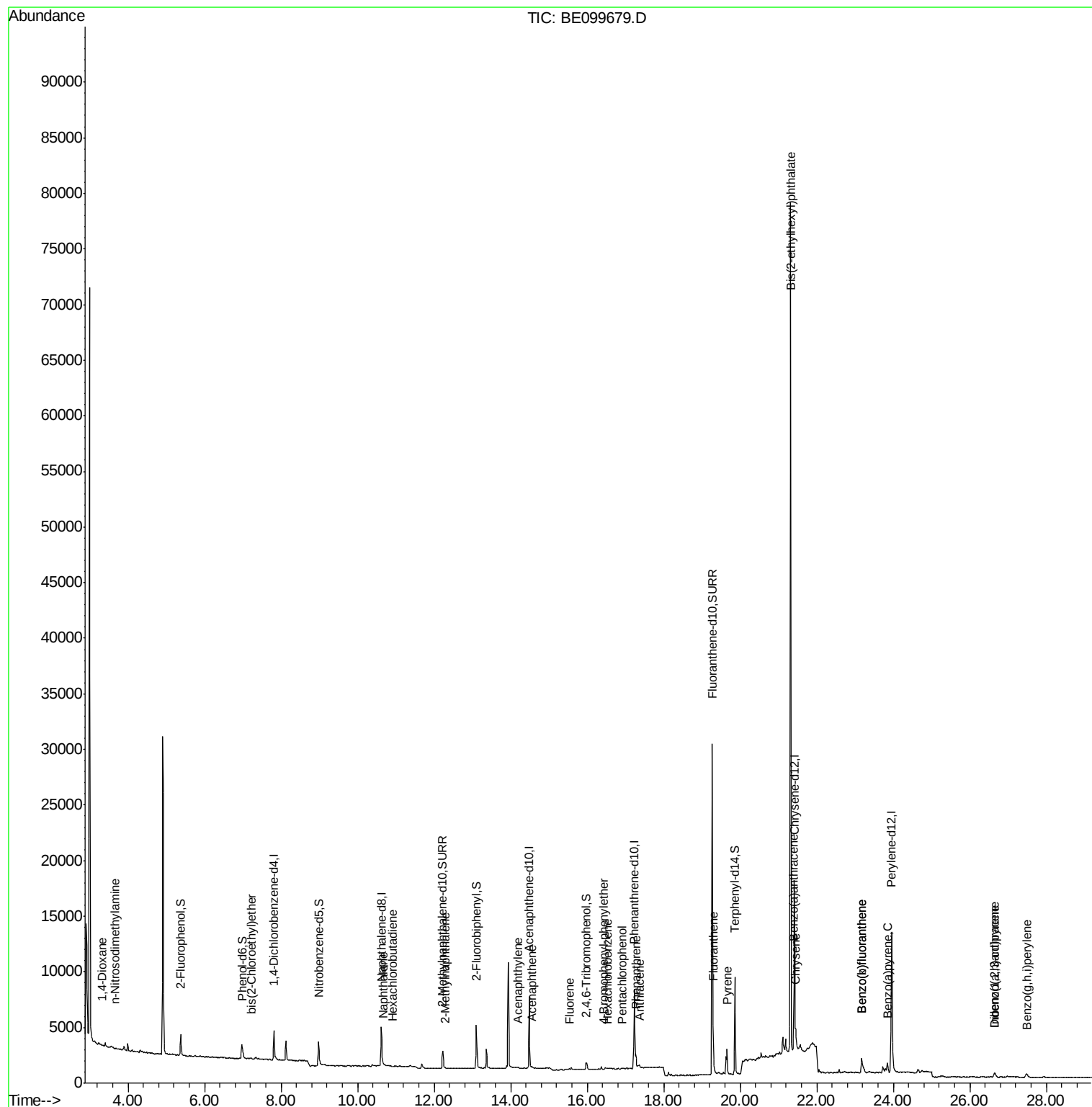
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	27	0.012	ng	# 34
3) n-Nitrosodimethylamine	3.65	42	35	0.029	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	18	0.004	ng	# 87
9) Naphthalene	10.67	128	230	0.004	ng	# 59
10) Hexachlorobutadiene	10.93	225	4	0.001	ng	# 22
12) 2-Methylnaphthalene	12.30	142	80	0.009	ng	# 70
16) Acenaphthylene	14.20	152	113	0.006	ng	# 65
17) Acenaphthene	14.54	154	80	0.008	ng	# 88
18) Fluorene	15.53	166	165	0.011	ng	# 98
20) 4-Bromophenyl-phenylether	16.44	248	5	0.001	ng	# 65
21) Hexachlorobenzene	16.53	284	20	0.003	ng	# 31
22) Pentachlorophenol	16.91	266	19	0.190	ng	# 74
23) Phenanthrene	17.27	178	1324	0.049	ng	# 97
24) Anthracene	17.36	178	326	0.013	ng	# 98
26) Fluoranthene	19.29	202	2814	0.066	ng	# 96
28) Pyrene	19.65	202	2337	0.058	ng	# 91
30) Benzo(a)anthracene	21.40	228	1573	0.035	ng	# 72
31) Chrysene	21.45	228	1201	0.025	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.32	149	93593	1.782	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.64	276	886	0.015	ng	# 82
35) Benzo(b)fluoranthene	23.17	252	1885	0.034	ng	# 28
36) Benzo(k)fluoranthene	23.17	252	1885	0.033	ng	# 26
37) Benzo(a)pyrene	23.84	252	1339	0.025	ng	# 40
38) Dibenzo(a,h)anthracene	26.66	278	45	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.48	276	846	0.015	ng	# 63

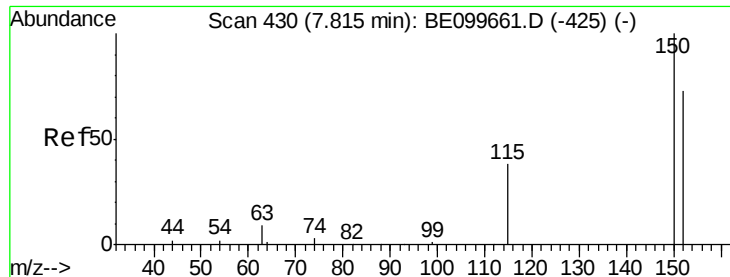
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

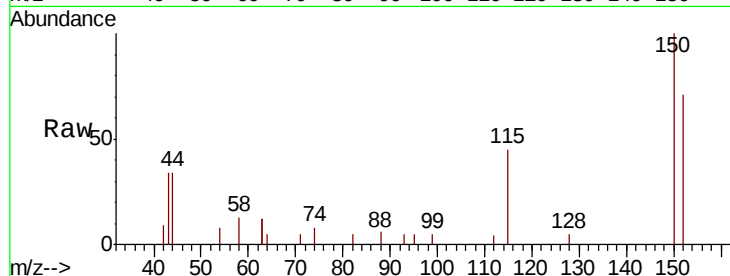
Tgt Ion:152 Resp: 1494

Ion Ratio Lower Upper

152 100

150 141.6 109.2 163.8

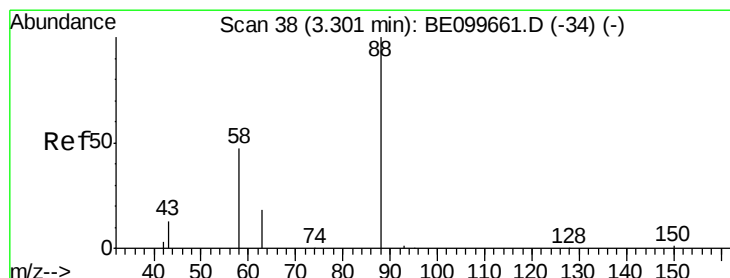
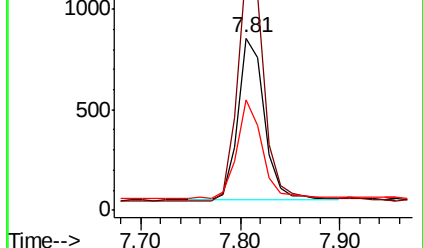
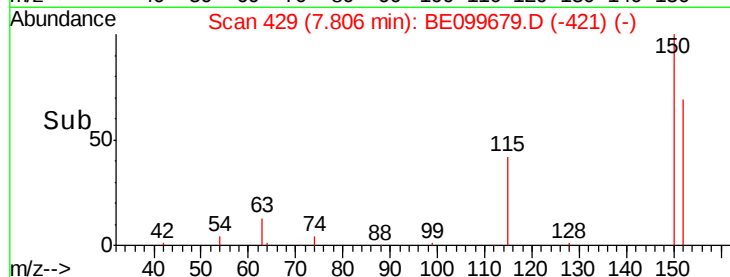
115 64.1 43.7 65.5



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: 0.012 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.03 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

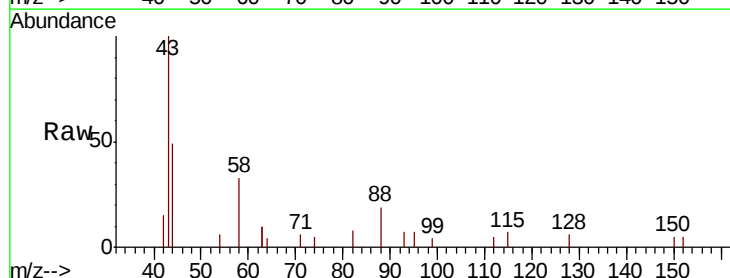
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

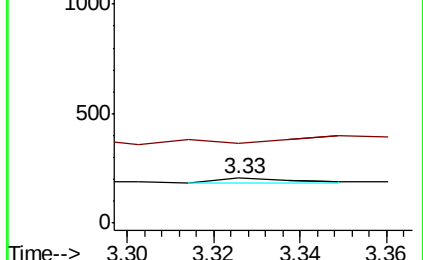
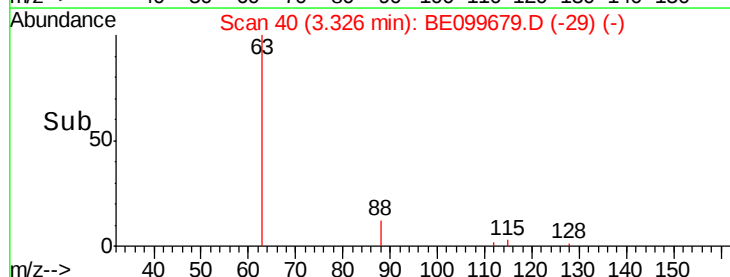
43 0.0 15.0 22.4#

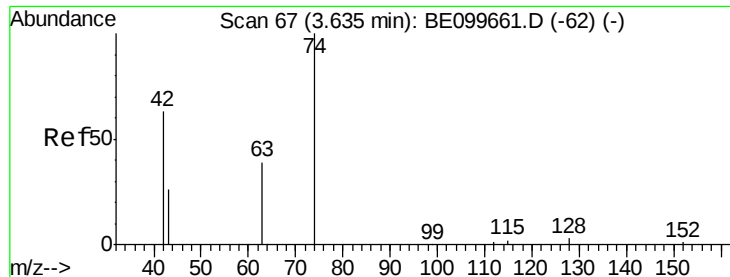


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.01 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

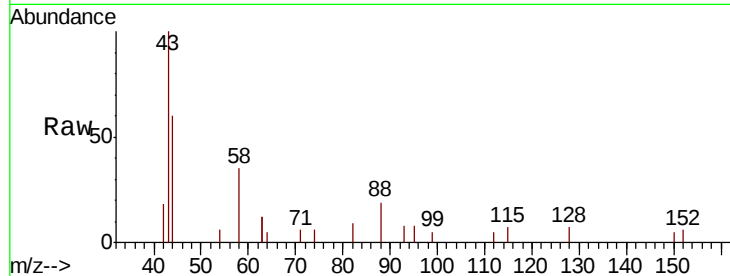
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

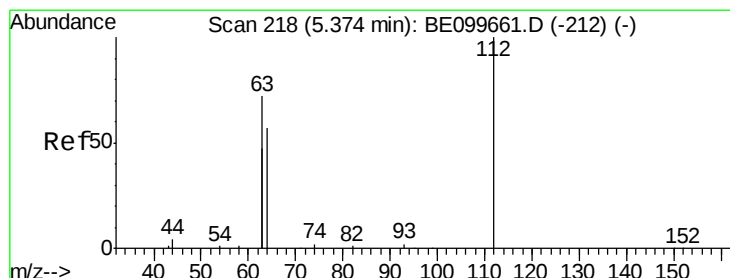
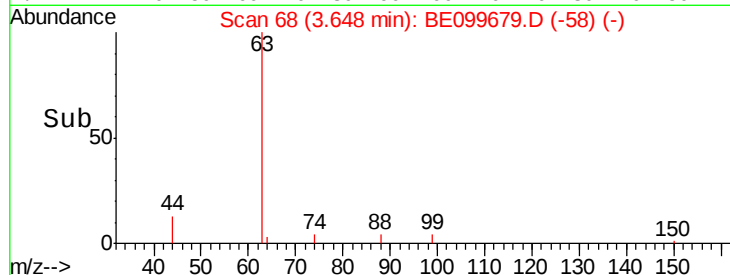
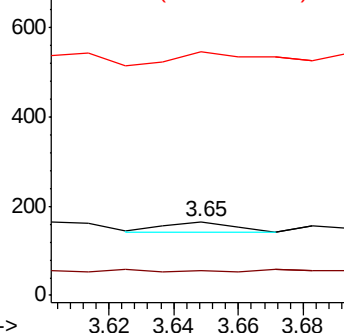
42 100

74 0.0 129.2 193.8#

44 171.4 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: 0.311 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

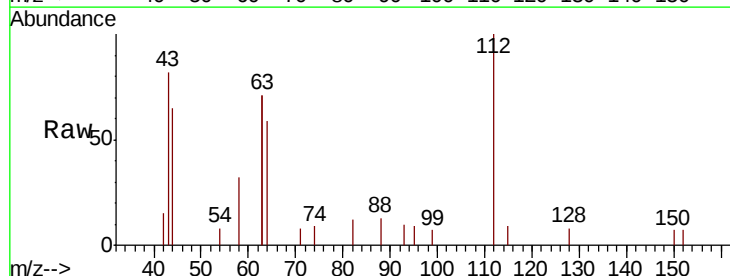
Tgt Ion: 112 Resp: 1173

Ion Ratio Lower Upper

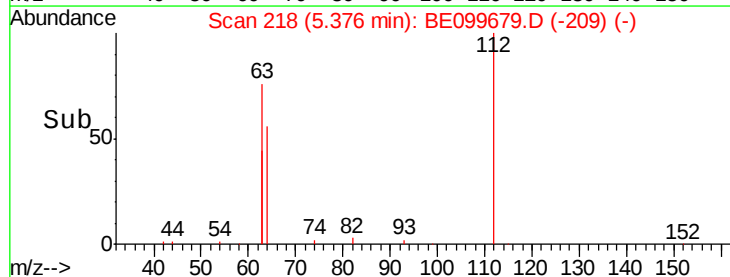
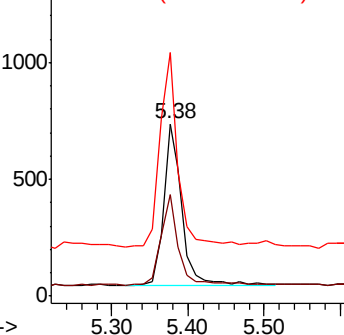
112 100

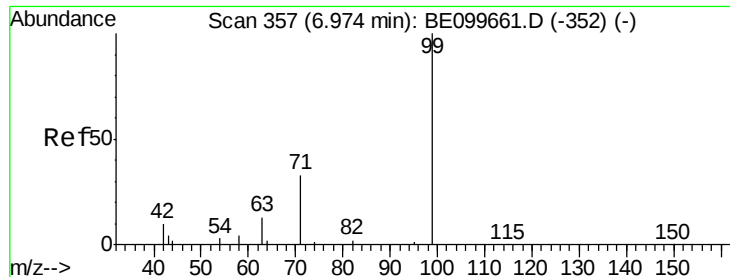
64 53.2 43.4 65.2

63 119.9 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





#5

Phenol-d6

Concen: 0.334 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

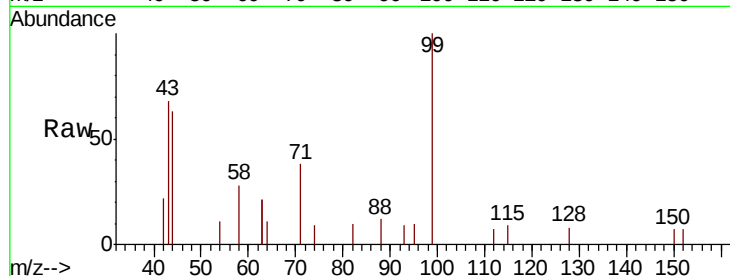
Tgt Ion: 99 Resp: 1667

Ion Ratio Lower Upper

99 100

42 12.8 12.2 18.2

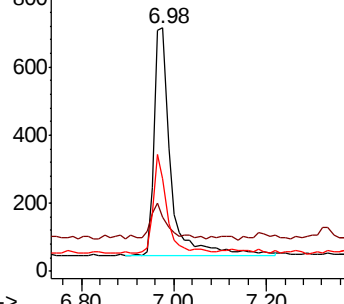
71 34.7 28.9 43.3



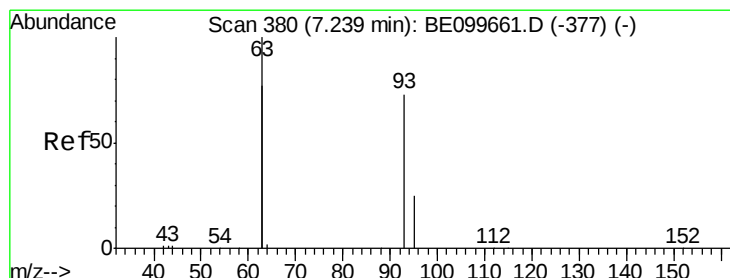
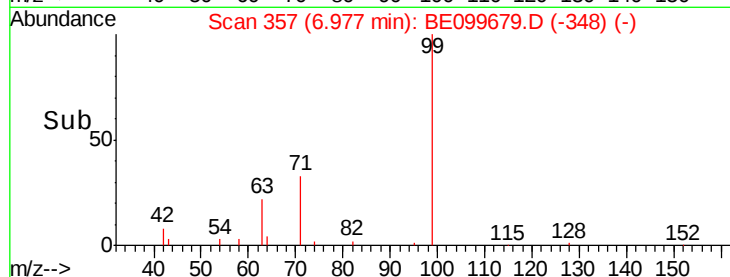
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

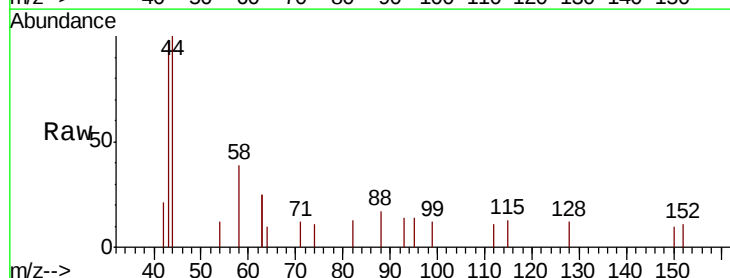
Tgt Ion: 93 Resp: 18

Ion Ratio Lower Upper

93 100

63 238.9 207.8 311.6

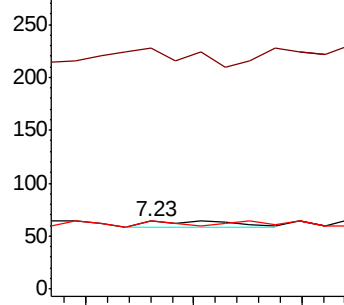
95 44.4 25.9 38.9#



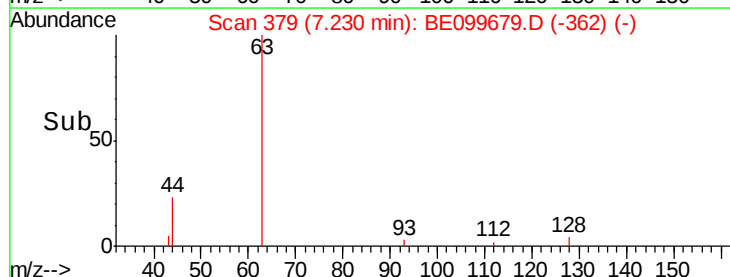
Abundance Ion 93.00 (92.70 to 93.70): BE0

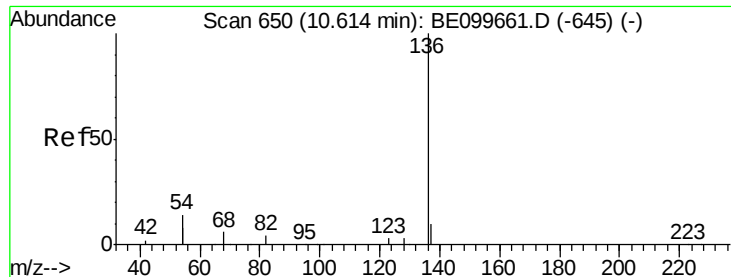
Ion 63.00 (62.70 to 63.70): BE0

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: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

Tgt Ion:136 Resp: 5186

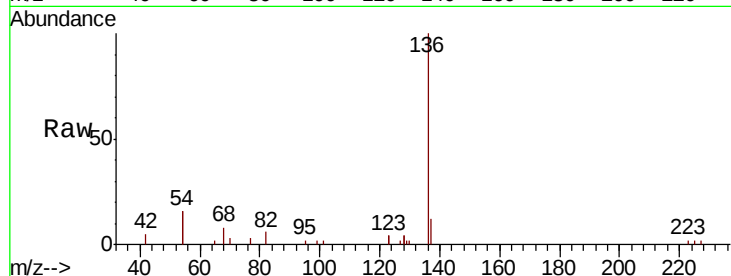
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 31.3 22.3 33.5

68 7.5 6.0 9.0

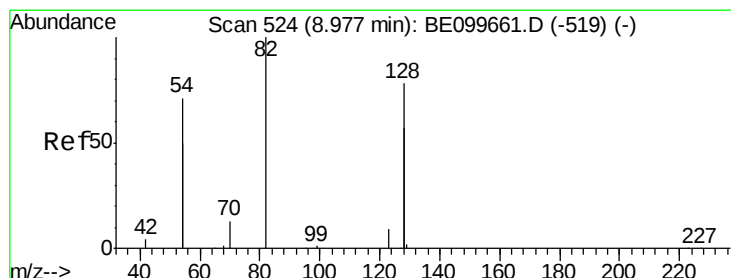
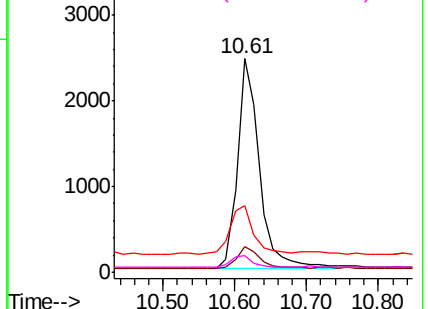
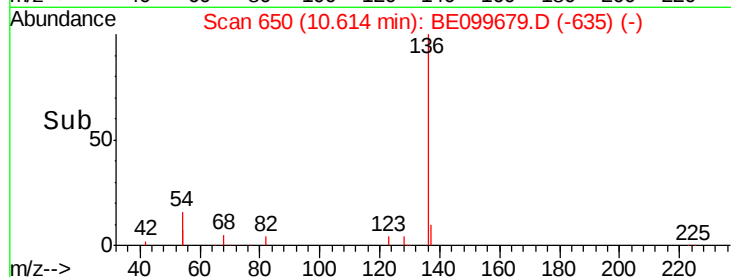


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.276 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

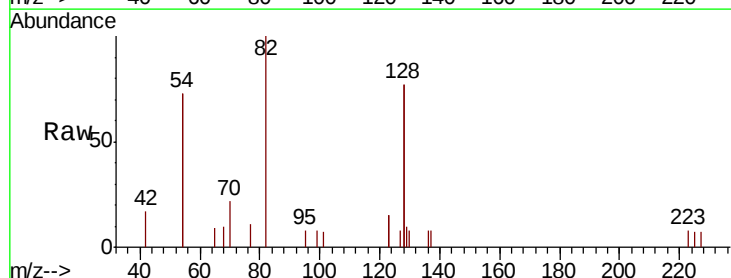
Tgt Ion: 82 Resp: 1238

Ion Ratio Lower Upper

82 100

128 154.1 117.7 176.5

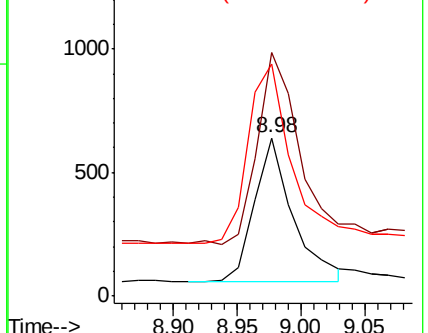
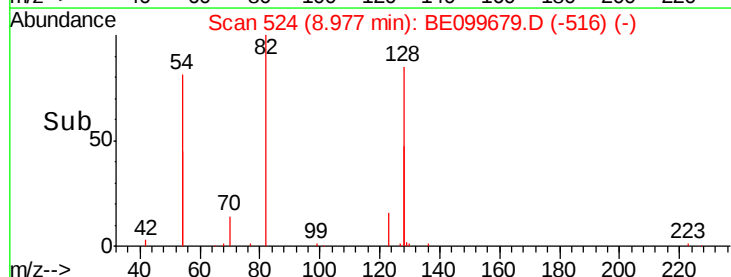
54 146.9 106.6 160.0

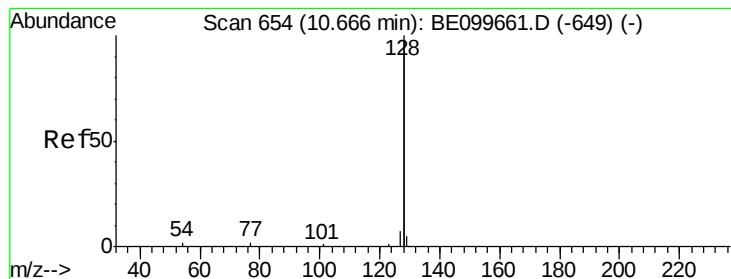


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.004 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

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ClientSampleId :

FESB-2(14.5-15)

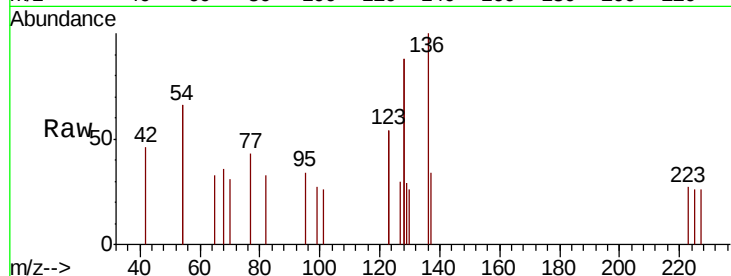
Tgt Ion:128 Resp: 230

Ion Ratio Lower Upper

128 100

129 16.8 2.4 3.6#

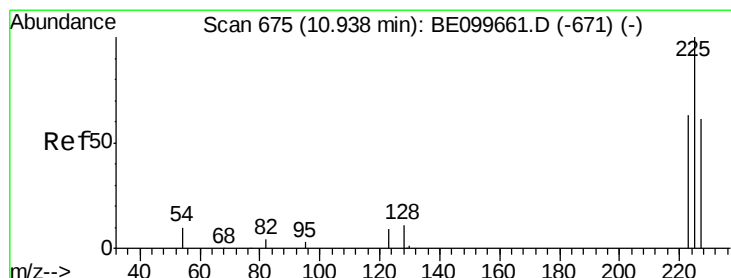
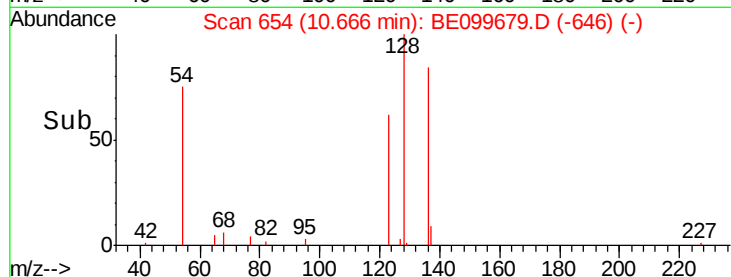
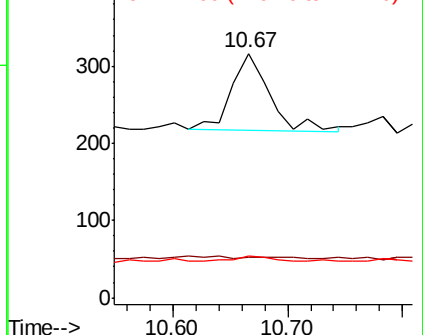
127 17.1 2.9 4.3#



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: 0.001 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

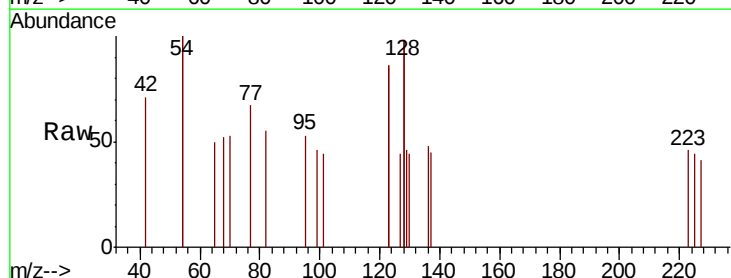
Tgt Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 0.0 51.8 77.6#

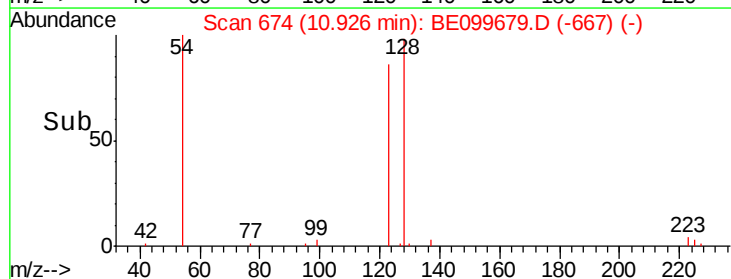
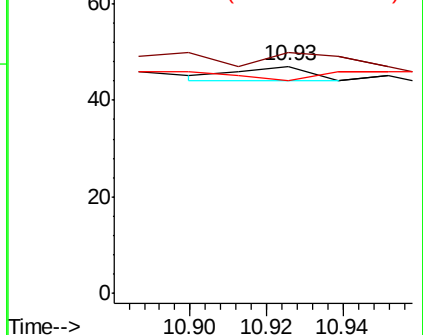
227 125.0 52.6 79.0#

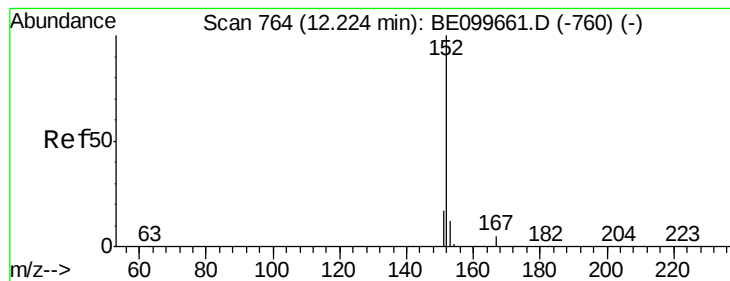


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.289 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

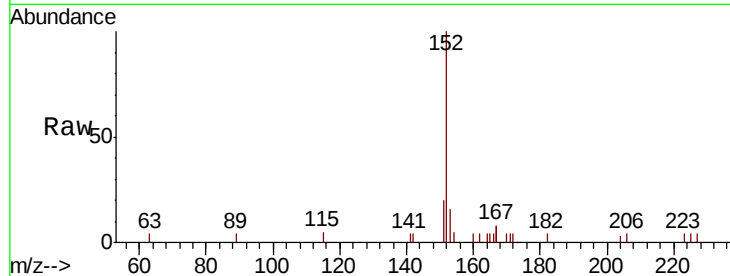
FESB-2(14.5-15)

Tgt Ion:152 Resp: 2589

Ion Ratio Lower Upper

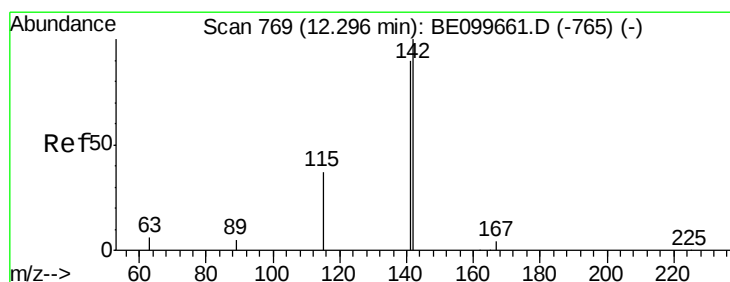
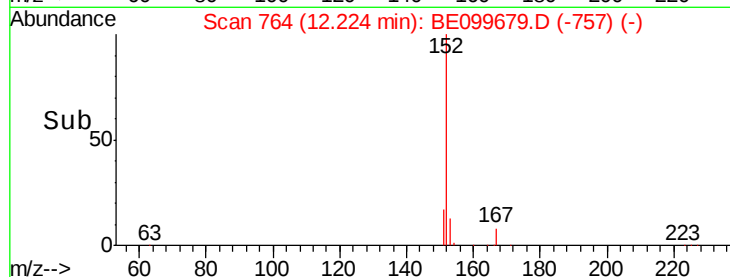
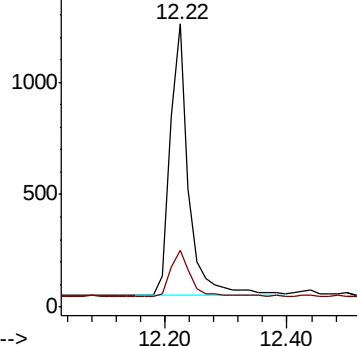
152 100

151 18.5 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: 0.009 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

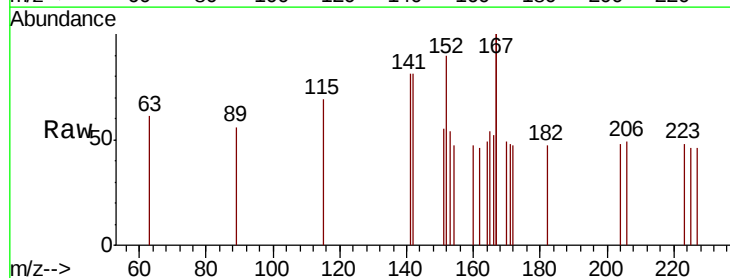
Tgt Ion:142 Resp: 80

Ion Ratio Lower Upper

142 100

141 100.0 72.0 108.0

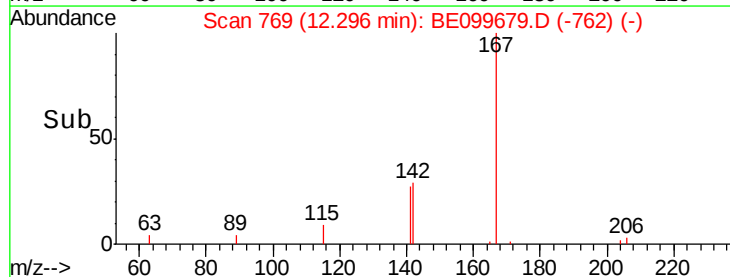
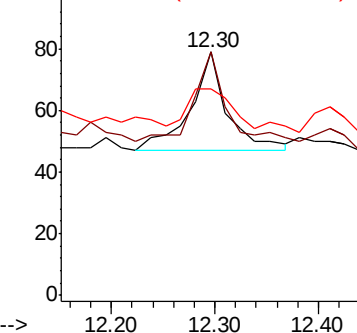
115 84.8 31.0 46.4#

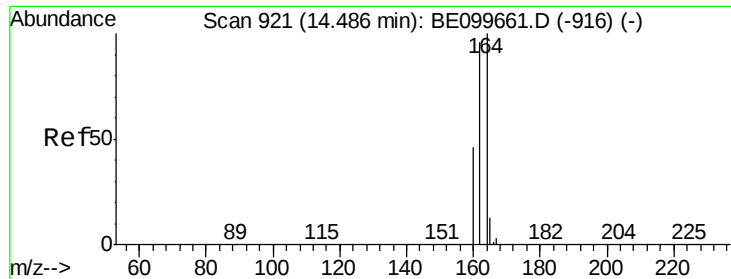


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

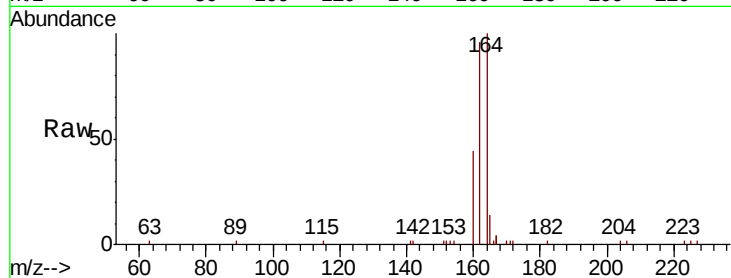




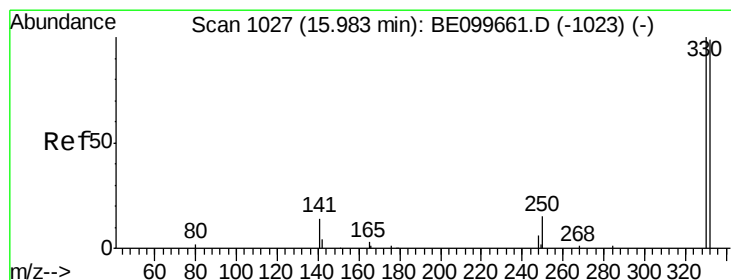
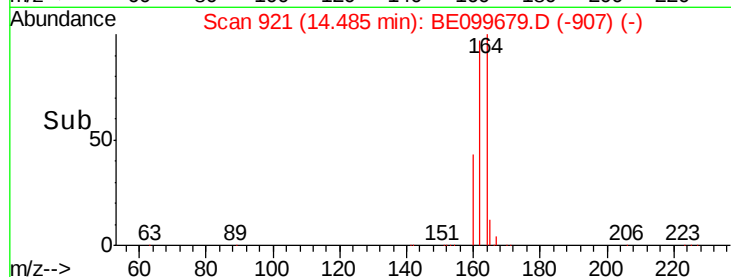
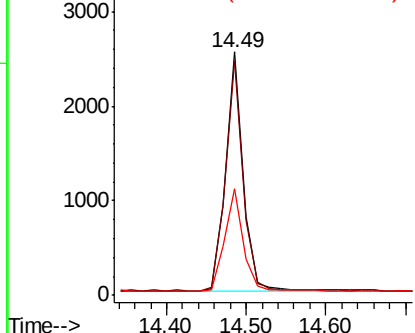
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099679.D
Acq: 21 May 2019 2:32

Instrument :
BNA_E
ClientSampleId :
FESB-2(14.5-15)

Tgt Ion:164 Resp: 3829
Ion Ratio Lower Upper
164 100
162 96.5 76.5 114.7
160 43.9 37.4 56.2

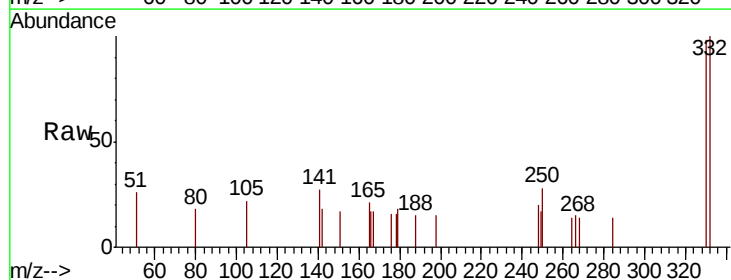


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

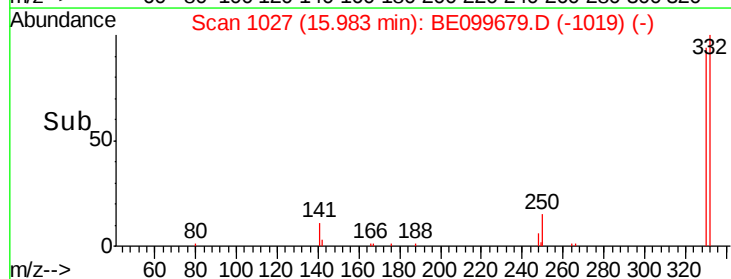
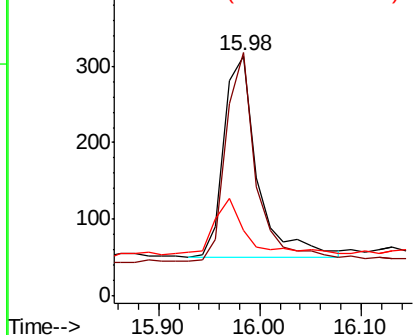


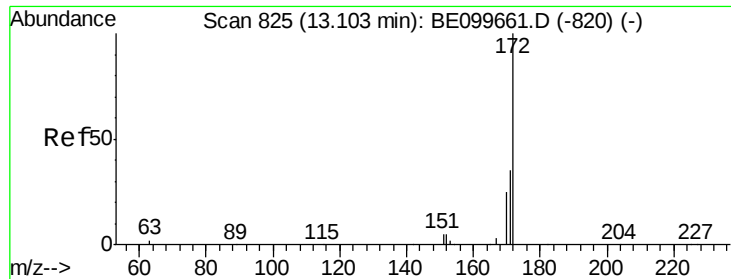
#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099679.D
Acq: 21 May 2019 2:32

Tgt Ion:330 Resp: 598
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 27.3 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

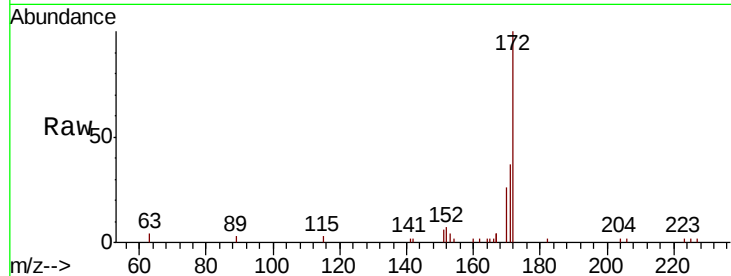




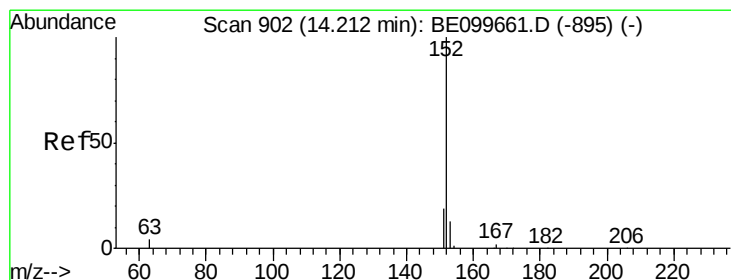
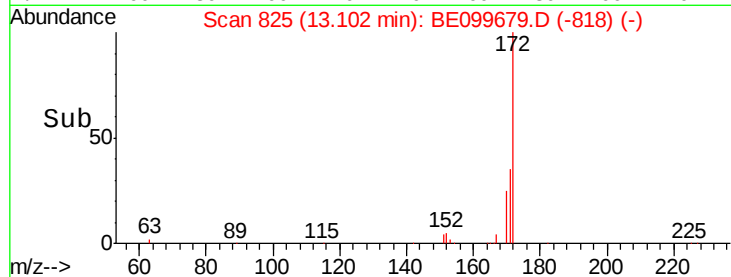
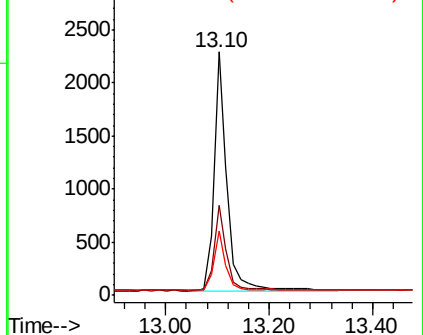
#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099679.D
Acq: 21 May 2019 2:32

Instrument :
BNA_E
ClientSampleId :
FESB-2(14.5-15)

Tgt Ion:172 Resp: 3953
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 26.3 20.9 31.3

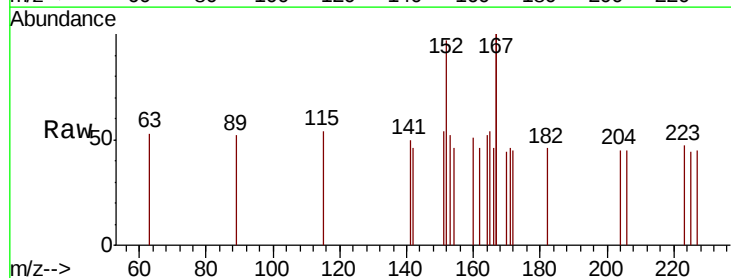


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

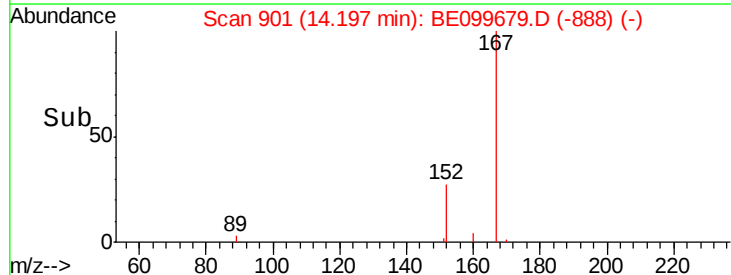
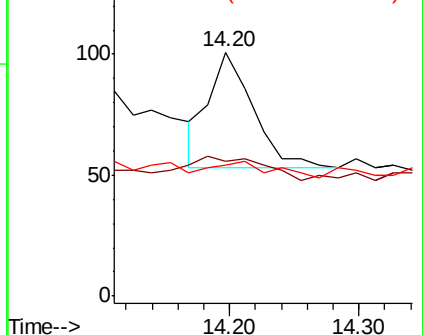


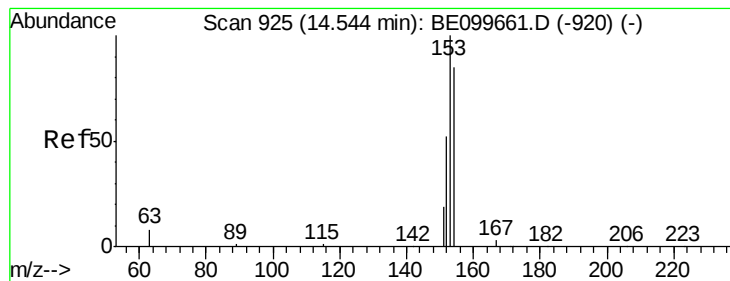
#16
Acenaphthylene
Concen: 0.006 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099679.D
Acq: 21 May 2019 2:32

Tgt Ion:152 Resp: 113
Ion Ratio Lower Upper
152 100
151 36.3 15.9 23.9#
153 0.0 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: 0.008 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

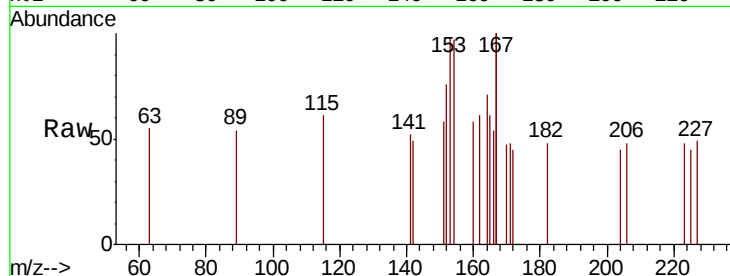
Tgt Ion:154 Resp: 80

Ion Ratio Lower Upper

154 100

153 126.3 91.8 137.6

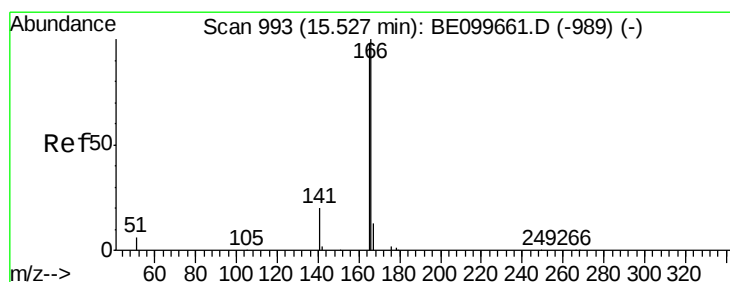
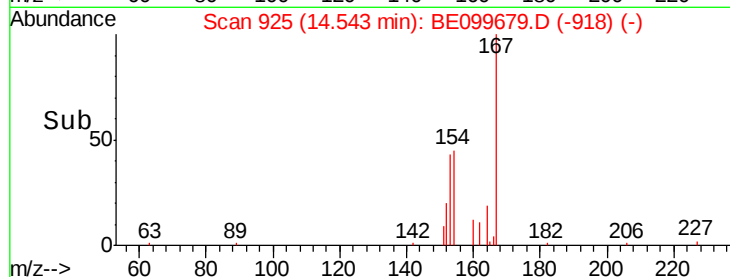
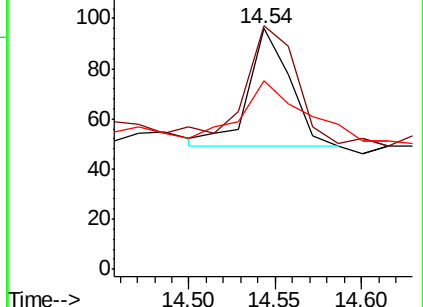
152 68.8 46.0 69.0



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: 0.011 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

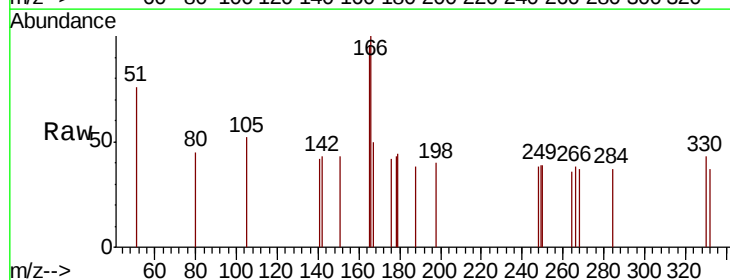
Tgt Ion:166 Resp: 165

Ion Ratio Lower Upper

166 100

165 100.6 80.3 120.5

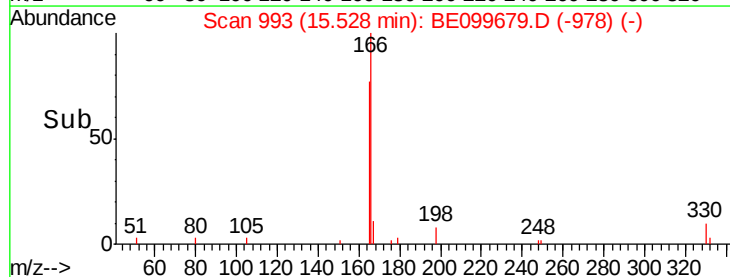
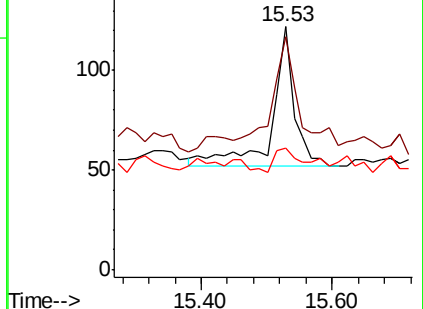
167 19.4 10.6 16.0#

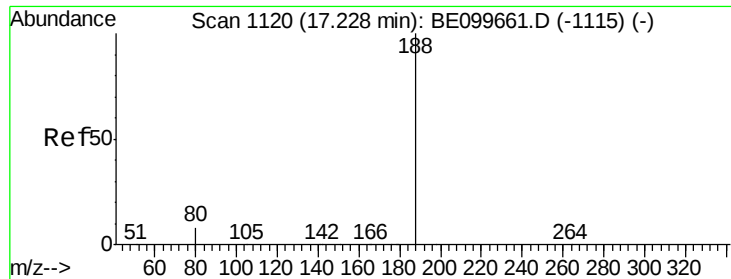


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

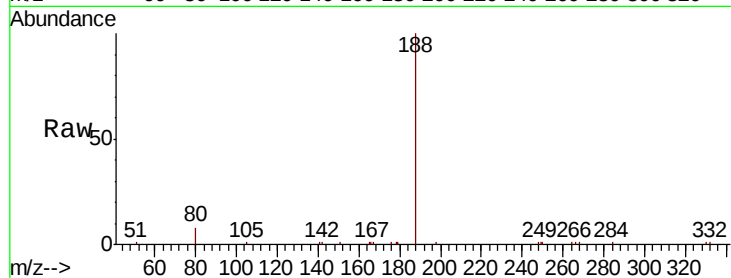
Tgt Ion:188 Resp: 11001

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

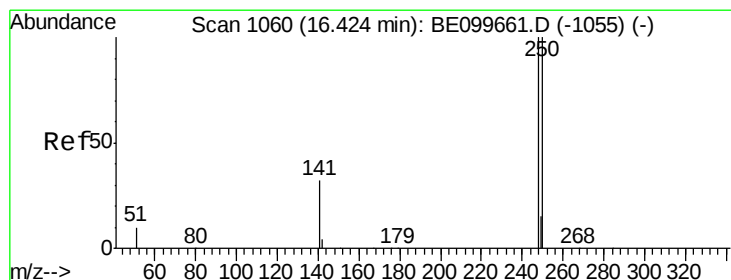
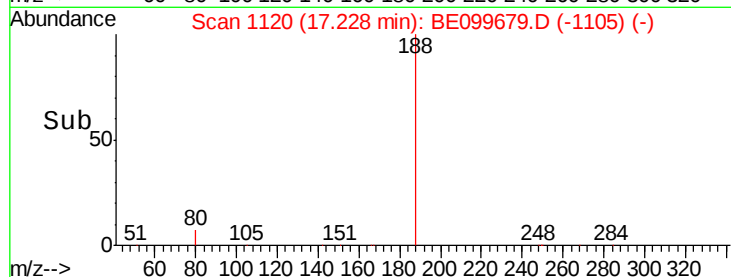
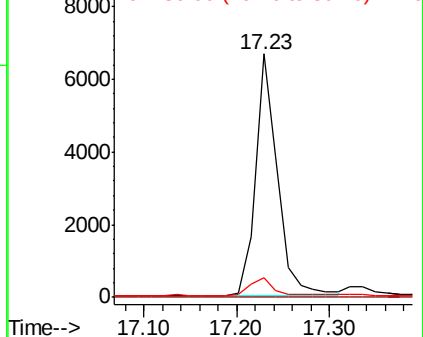
80 8.1 6.7 10.1



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: 16.44 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

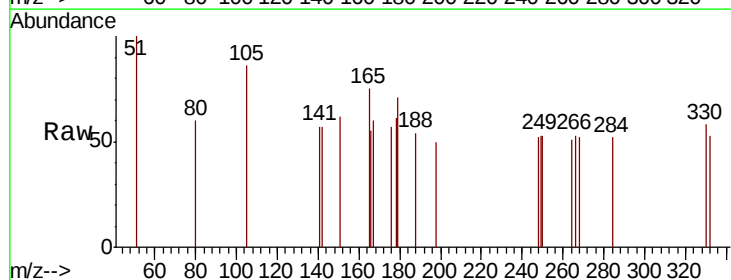
Tgt Ion:248 Resp: 5

Ion Ratio Lower Upper

248 100

250 102.1 79.8 119.8

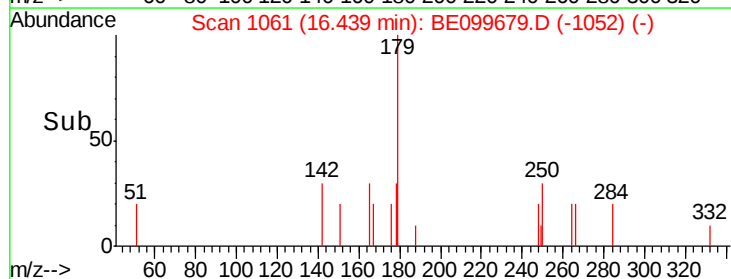
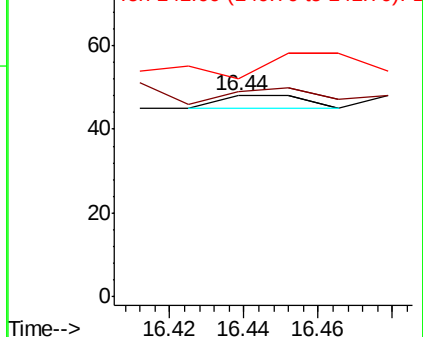
141 108.3 27.0 40.6#

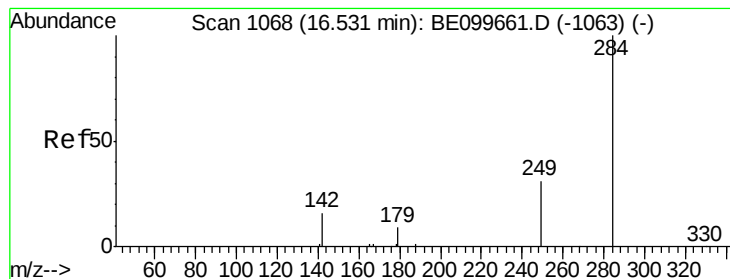


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

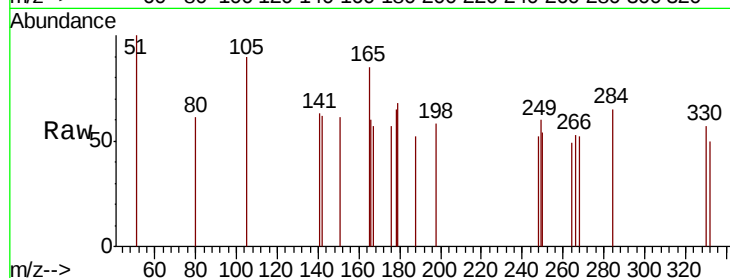
Tgt Ion:284 Resp: 20

Ion Ratio Lower Upper

284 100

142 90.0 17.8 26.6#

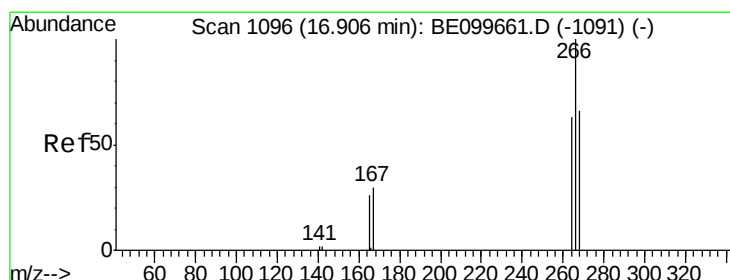
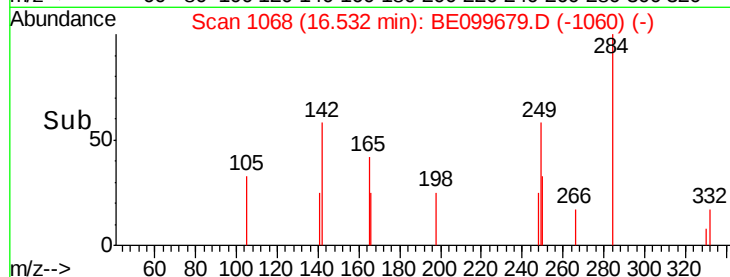
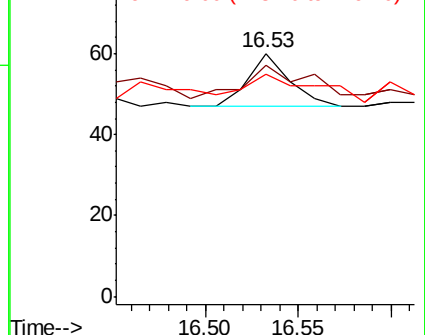
249 40.0 24.8 37.2#



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: 0.190 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

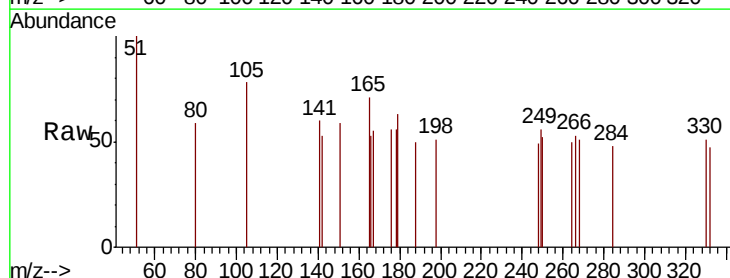
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 94.2 57.2 85.8#

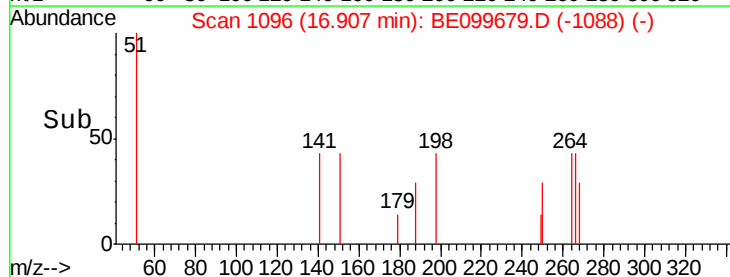
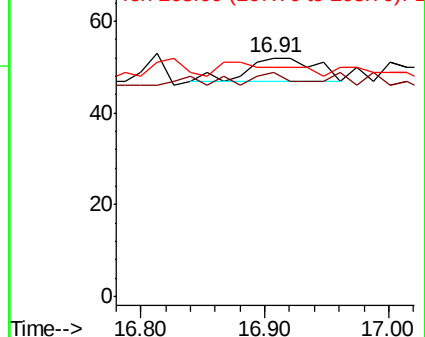
268 96.2 60.5 90.7#

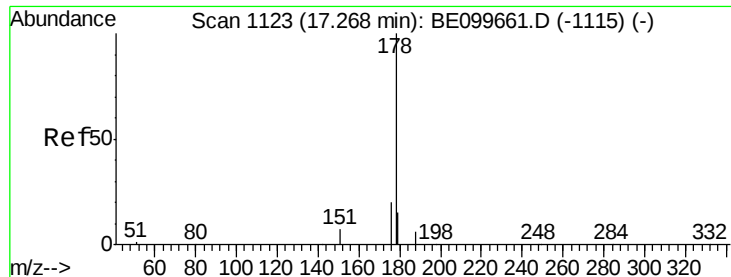


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.049 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

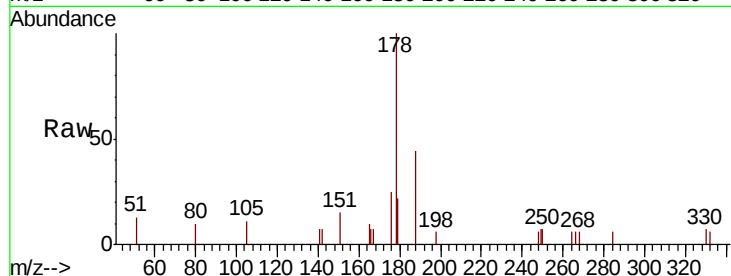
Tgt Ion:178 Resp: 1324

Ion Ratio Lower Upper

178 100

176 20.9 15.6 23.4

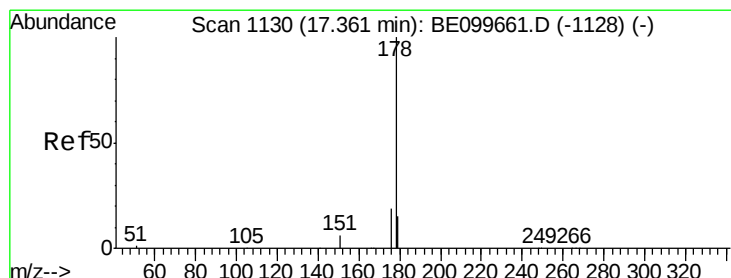
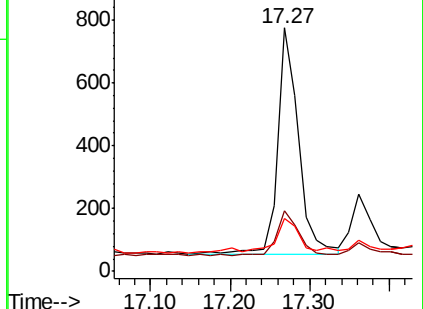
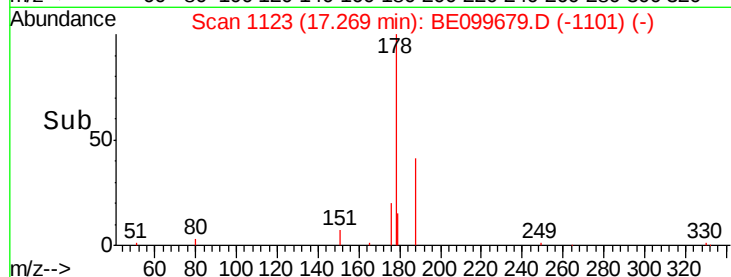
179 16.6 12.2 18.4



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: 0.013 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

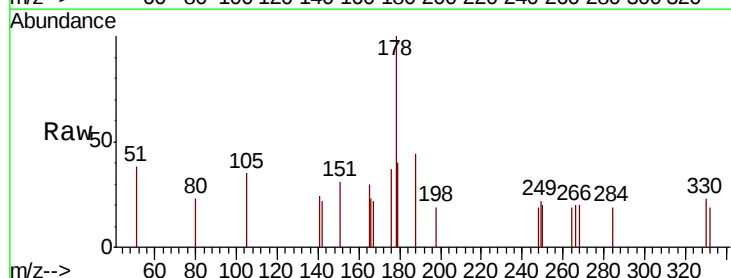
Tgt Ion:178 Resp: 326

Ion Ratio Lower Upper

178 100

176 19.3 14.7 22.1

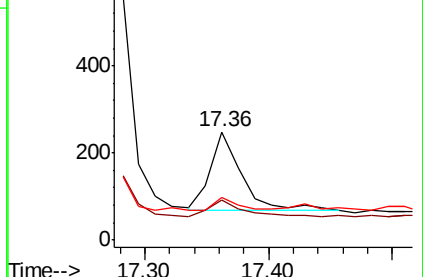
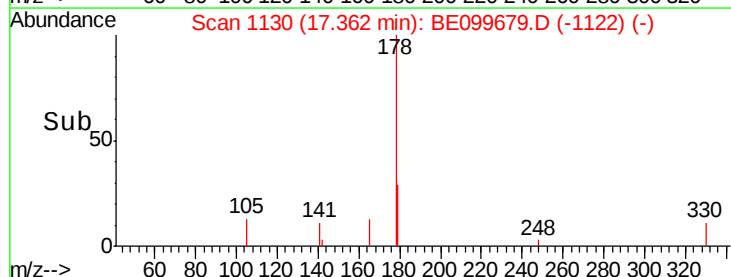
179 13.8 12.0 18.0

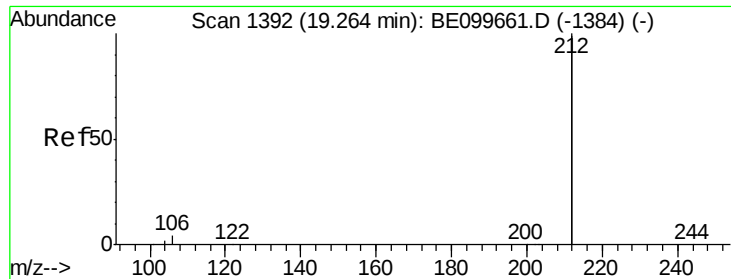


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.280 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

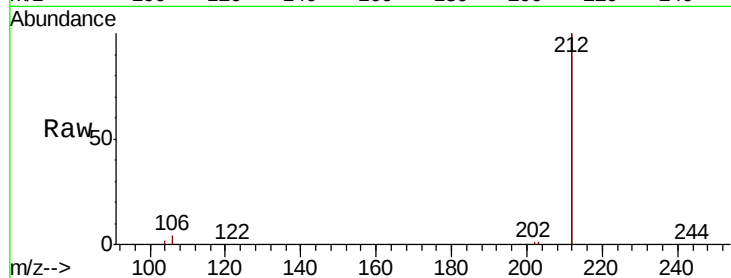
Tgt Ion:212 Resp: 42152

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

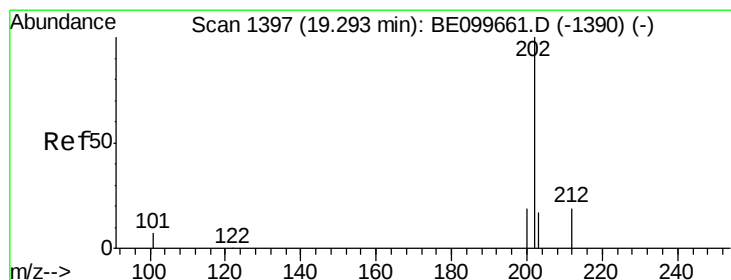
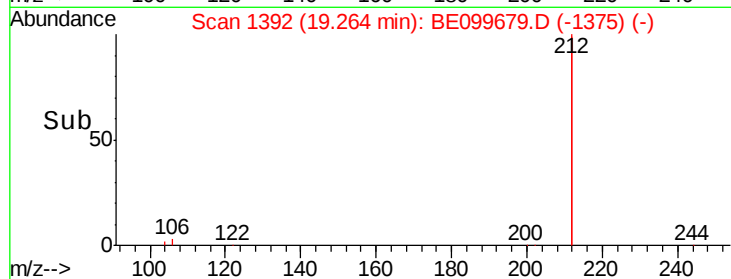
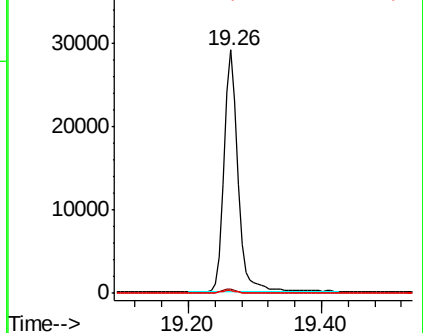
104 1.2 0.8 1.2



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: 0.066 ng

RT: 19.29 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

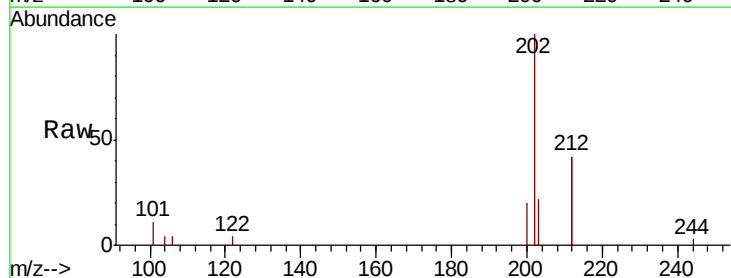
Tgt Ion:202 Resp: 2814

Ion Ratio Lower Upper

202 100

101 9.4 5.2 7.8#

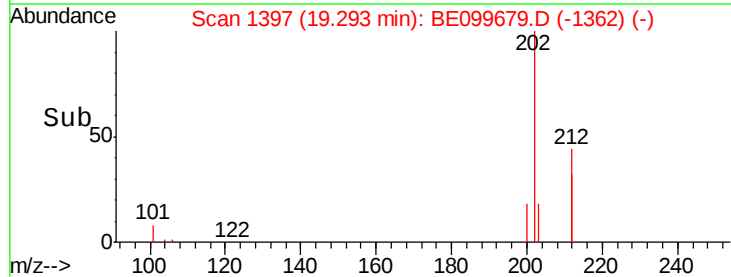
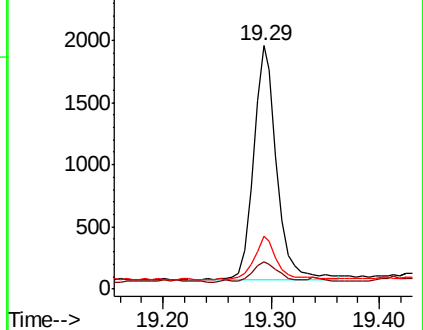
203 18.2 13.8 20.6

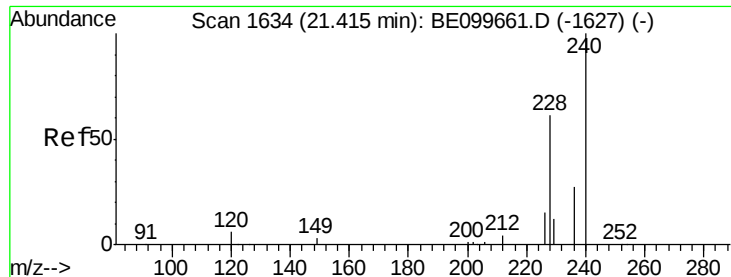


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

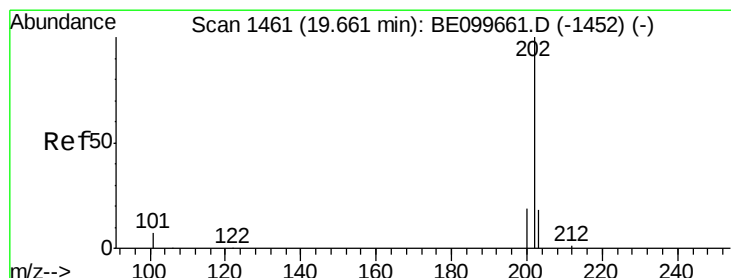
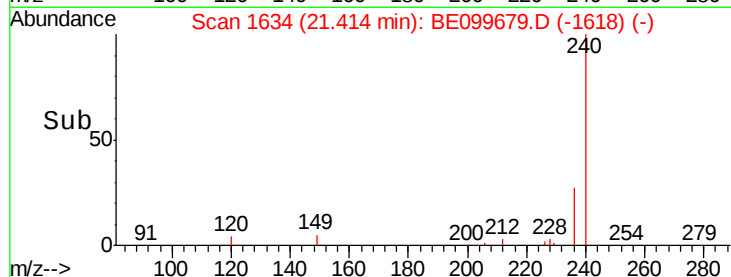
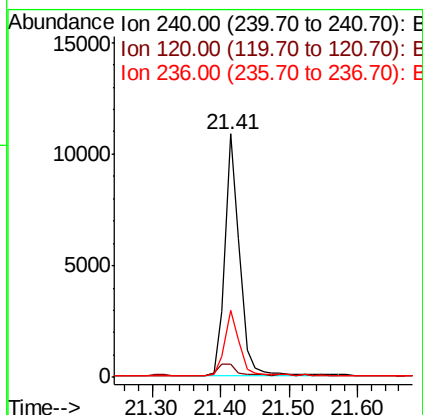
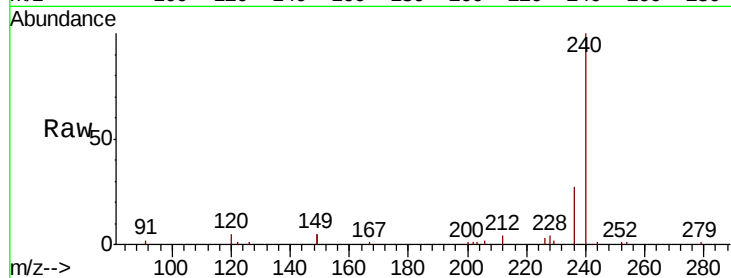




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099679.D
 Acq: 21 May 2019 2:32

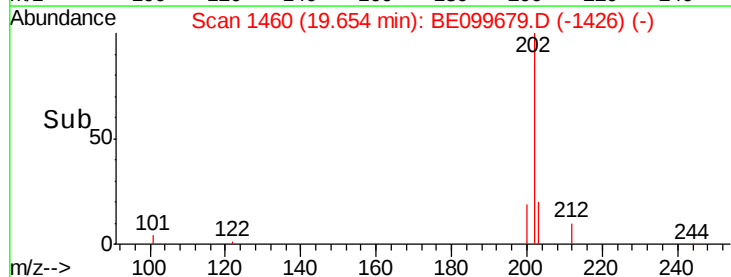
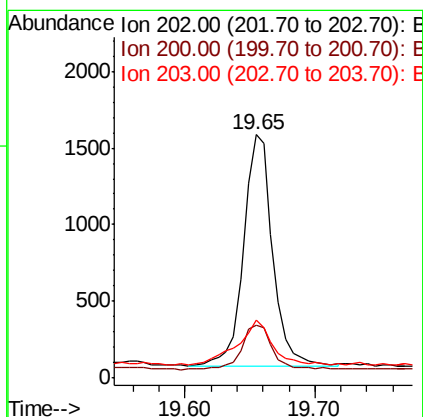
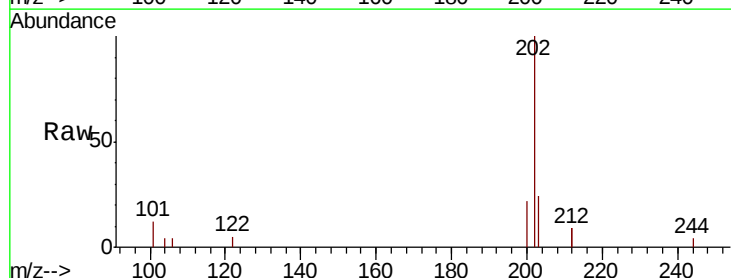
Instrument :
 BNA_E
 ClientSampleId :
 FESB-2(14.5-15)

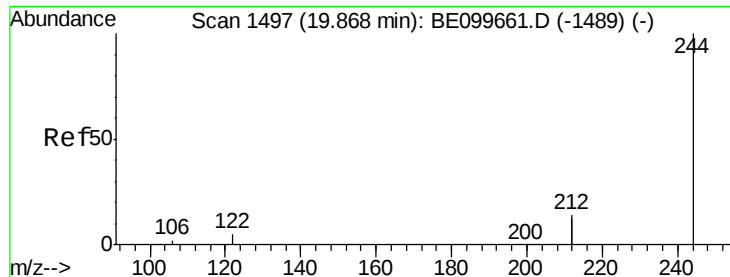
Tgt Ion:240 Resp: 16034
 Ion Ratio Lower Upper
 240 100
 120 5.2 5.4 8.0#
 236 27.4 21.7 32.5



#28
 Pyrene
 Concen: 0.058 ng
 RT: 19.65 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BE099679.D
 Acq: 21 May 2019 2:32

Tgt Ion:202 Resp: 2337
 Ion Ratio Lower Upper
 202 100
 200 20.5 15.4 23.2
 203 24.0 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.326 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

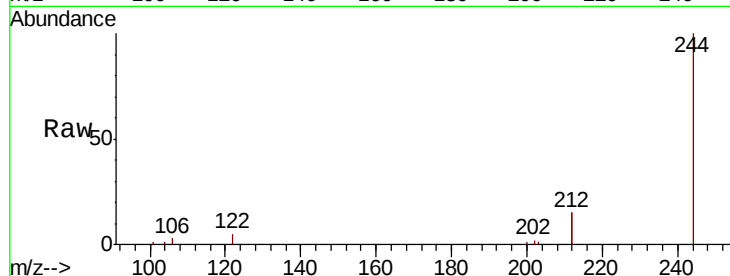
Tgt Ion:244 Resp: 9321

Ion Ratio Lower Upper

244 100

212 29.3 22.5 33.7

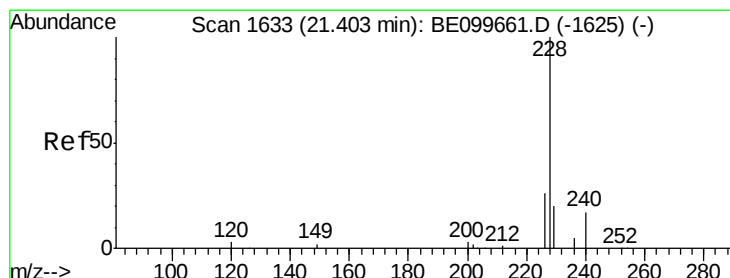
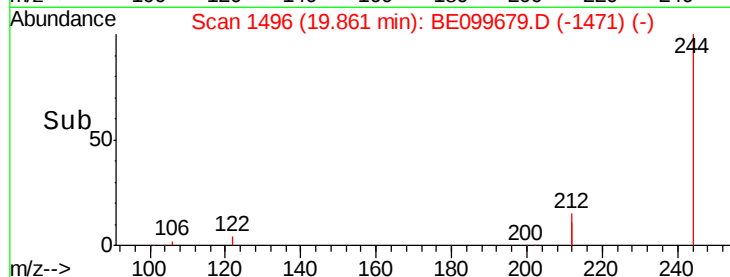
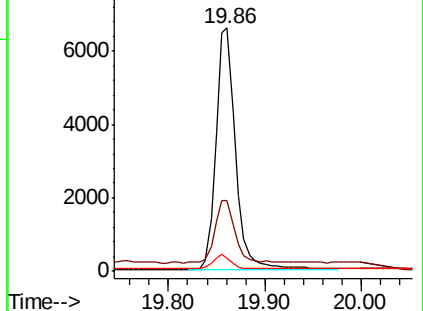
122 5.3 4.3 6.5



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: 0.035 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

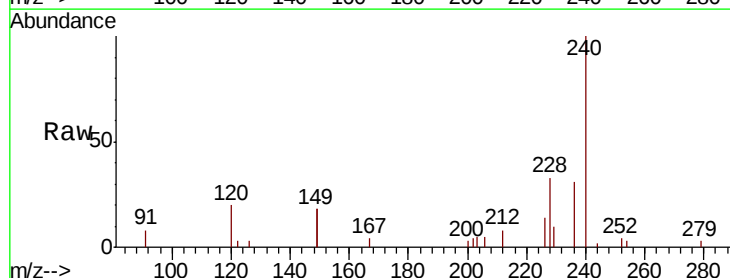
Tgt Ion:228 Resp: 1573

Ion Ratio Lower Upper

228 100

226 42.1 21.3 31.9#

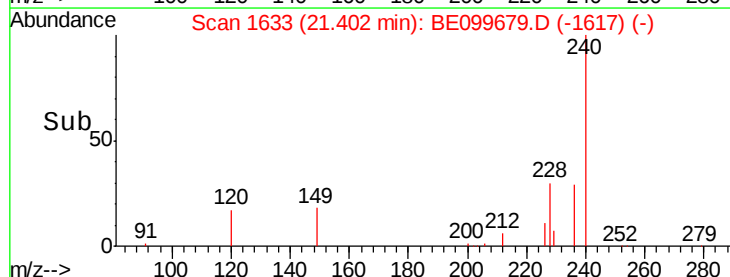
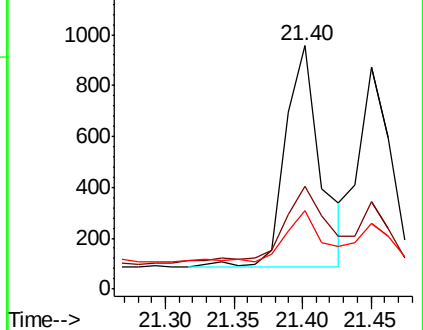
229 32.0 16.1 24.1#

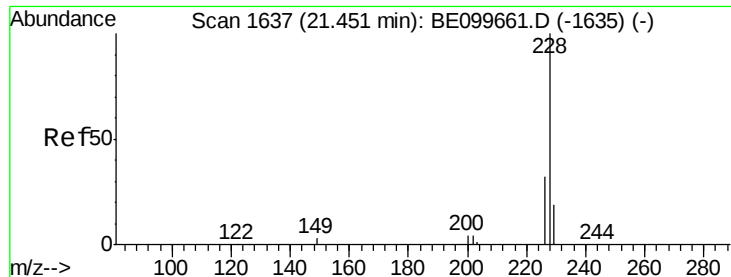


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.025 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

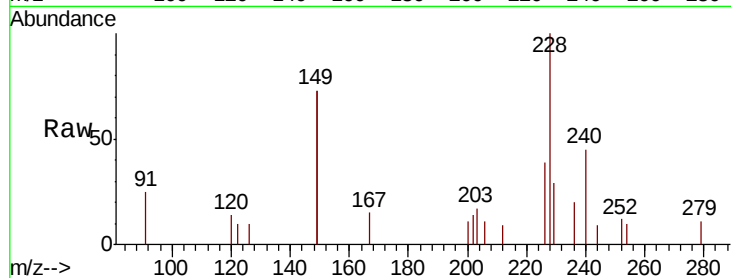
Tgt Ion:228 Resp: 1201

Ion Ratio Lower Upper

228 100

226 39.3 24.7 37.1#

229 29.4 15.8 23.6#

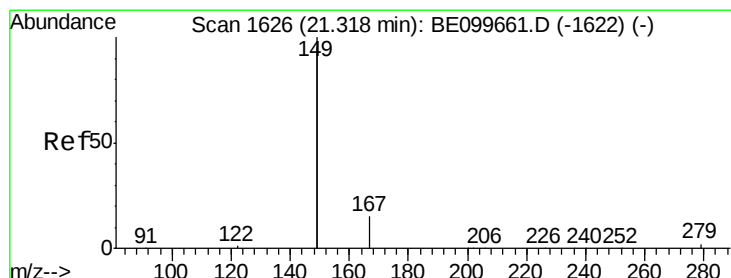
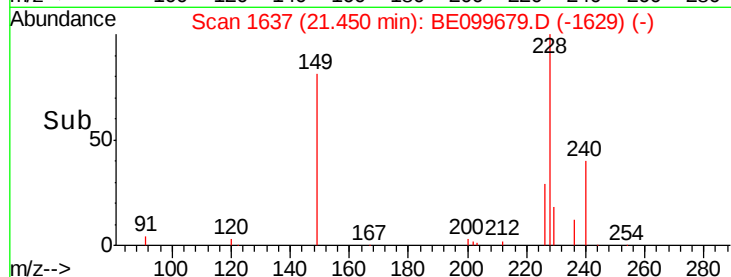
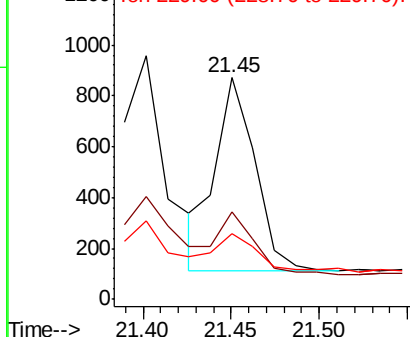


Abundance

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: 1.782 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

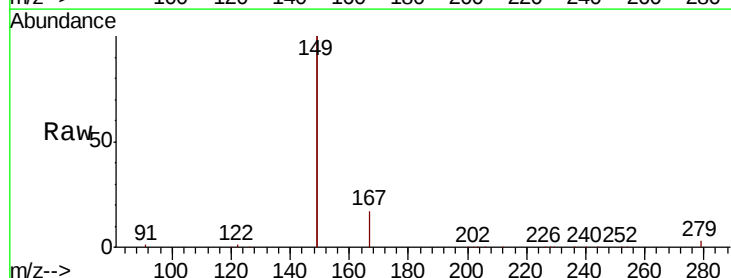
Tgt Ion:149 Resp: 93593

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

279 1.6 1.2 1.8

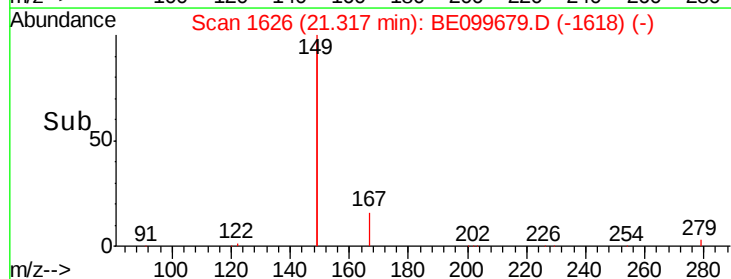
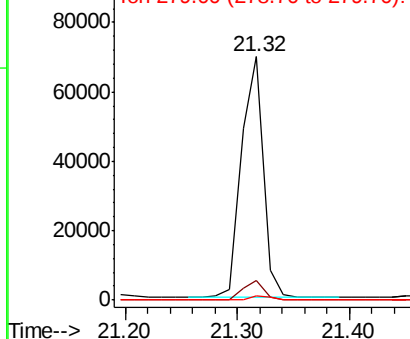


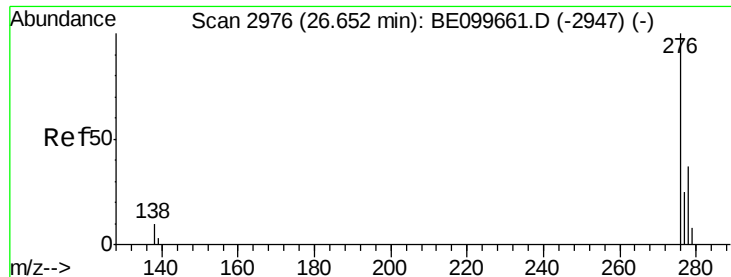
Abundance

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: 0.015 ng

RT: 26.64 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

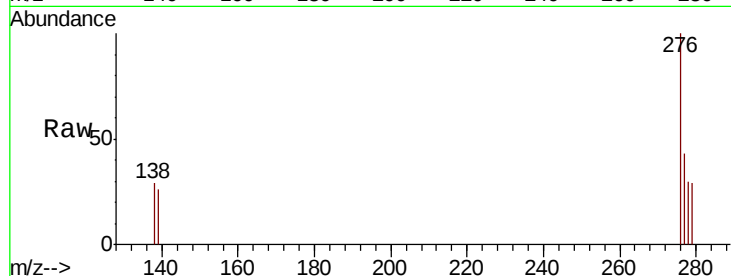
Tgt Ion:276 Resp: 886

Ion Ratio Lower Upper

276 100

138 5.5 9.6 14.4#

277 14.6 19.2 28.8#



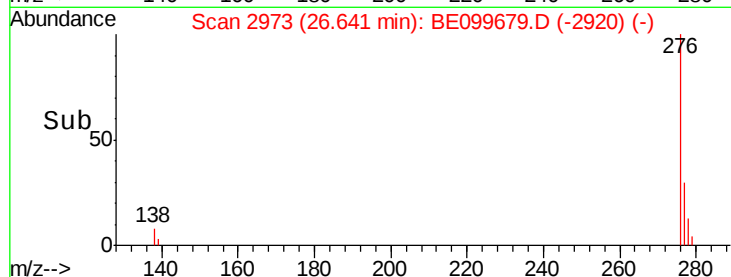
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

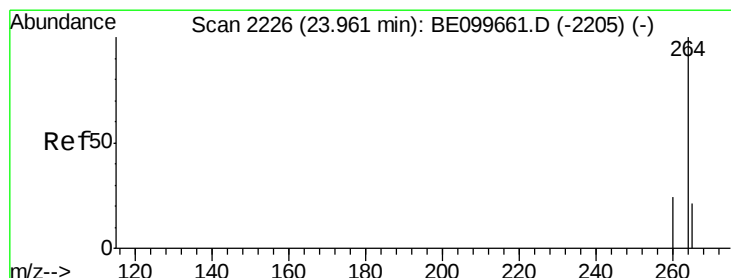
Ion 277.00 (276.70 to 277.70): E

26.64

26.60 26.70



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

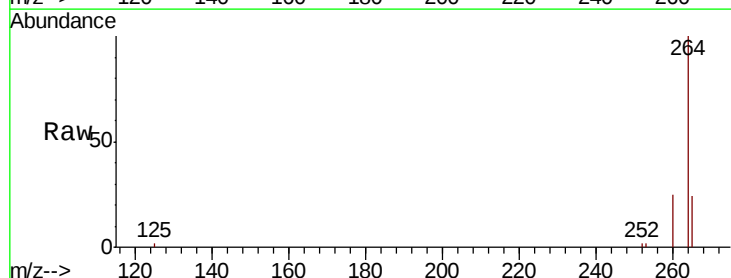
Tgt Ion:264 Resp: 20174

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 24.4 19.1 28.7



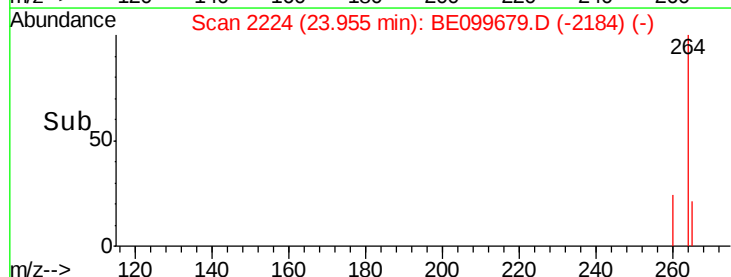
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

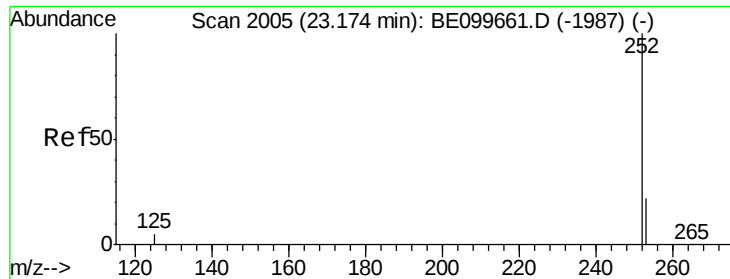
Ion 265.00 (264.70 to 265.70): E

23.96

23.80 23.90 24.00 24.10



Time-->



#35

Benzo(b)fluoranthene

Concen: 0.034 ng

RT: 23.17 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

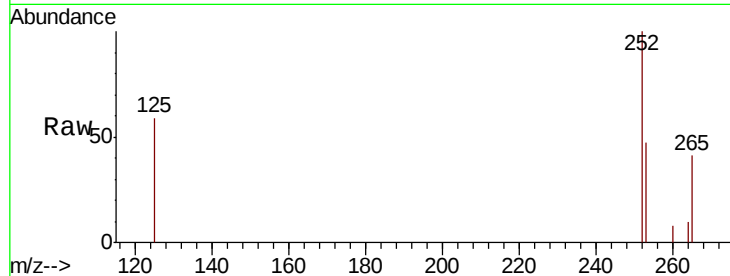
Tgt Ion:252 Resp: 1885

Ion Ratio Lower Upper

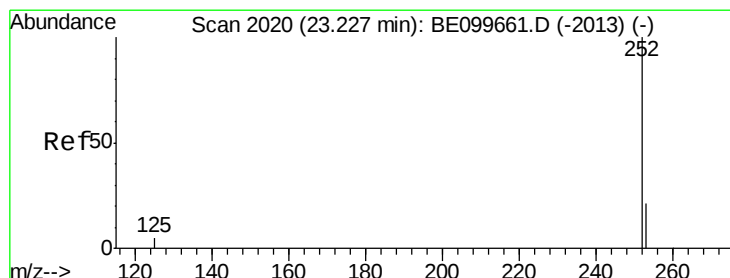
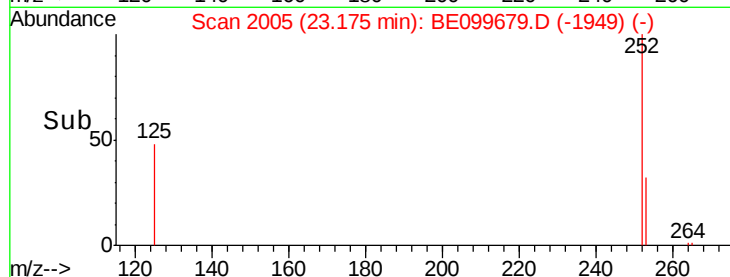
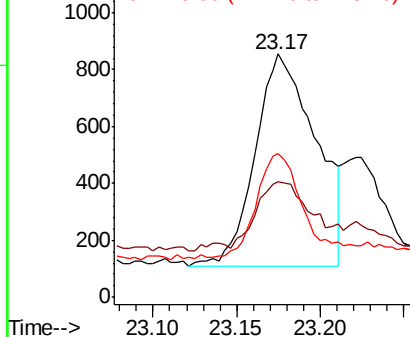
252 100

253 47.2 18.2 27.4#

125 58.9 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: 0.033 ng

RT: 23.17 min Scan# 2005

Delta R.T. -0.05 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

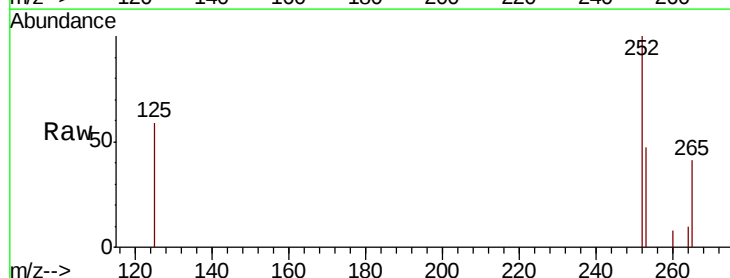
Tgt Ion:252 Resp: 1885

Ion Ratio Lower Upper

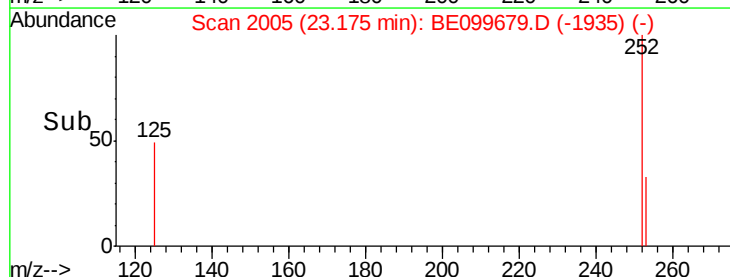
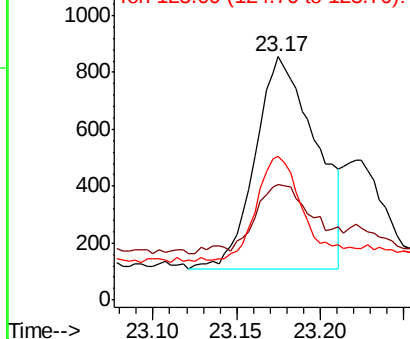
252 100

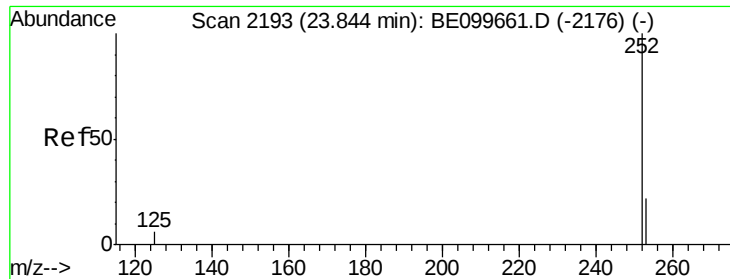
253 47.2 17.8 26.8#

125 58.9 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: 0.025 ng

RT: 23.84 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)

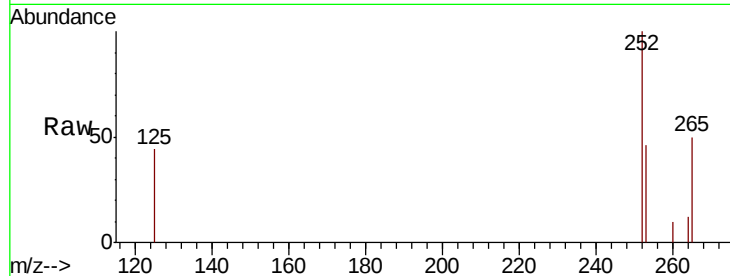
Tgt Ion: 252 Resp: 1339

Ion Ratio Lower Upper

252 100

253 46.3 18.9 28.3#

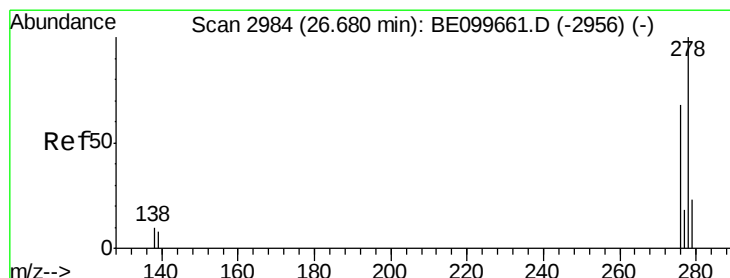
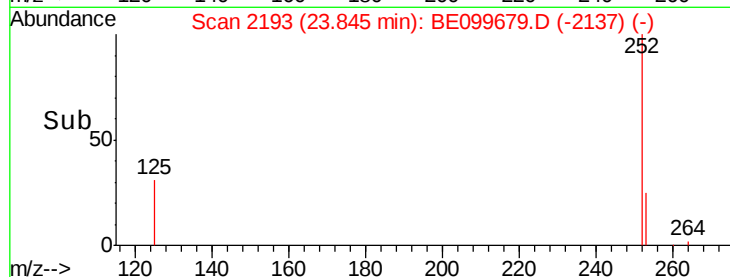
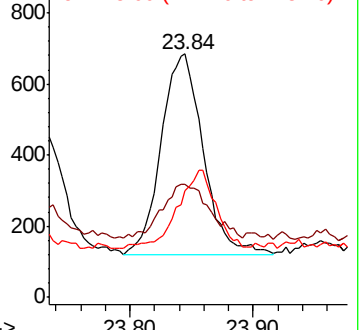
125 43.9 5.4 8.0#



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: 0.001 ng

RT: 26.66 min Scan# 2978

Delta R.T. -0.02 min

Lab File: BE099679.D

Acq: 21 May 2019 2:32

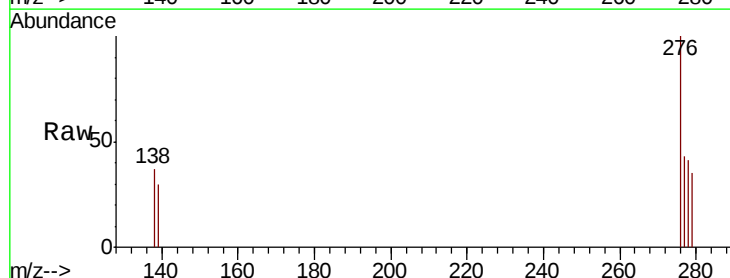
Tgt Ion: 278 Resp: 45

Ion Ratio Lower Upper

278 100

139 72.8 6.9 10.3#

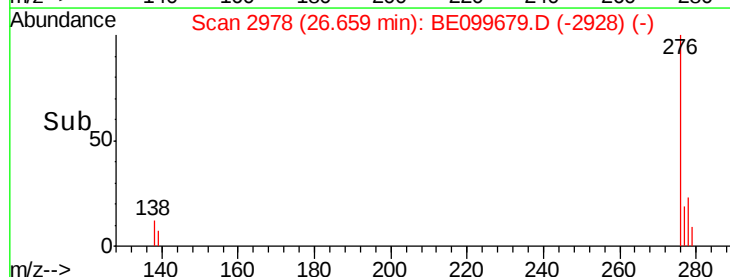
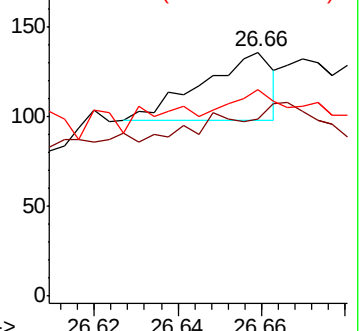
279 84.6 19.2 28.8#

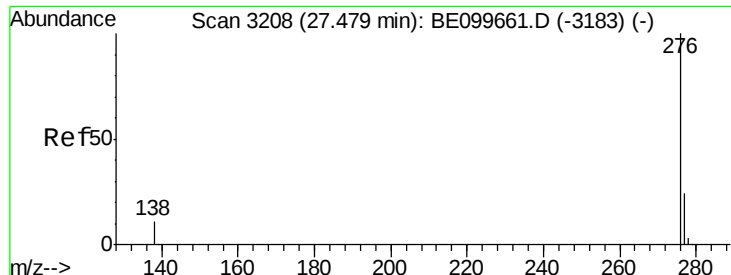


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.015 ng

RT: 27.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE099679.D

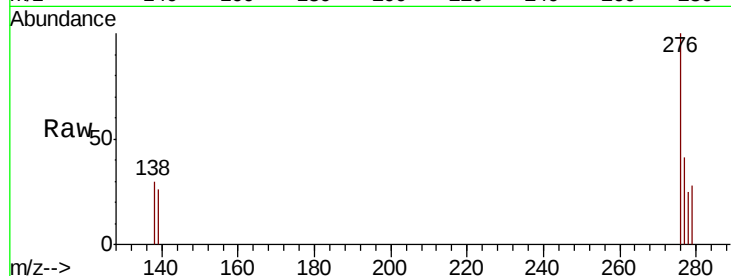
Acq: 21 May 2019 2:32

Instrument :

BNA_E

ClientSampleId :

FESB-2(14.5-15)



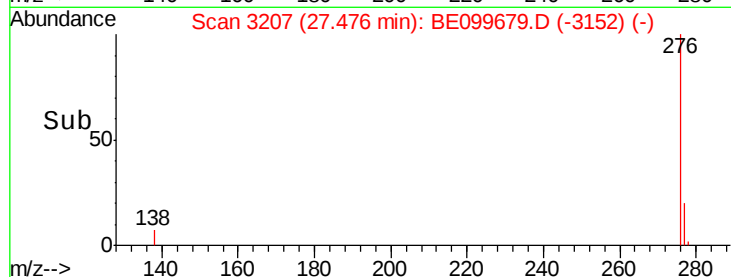
Tgt Ion: 276 Resp: 846

Ion Ratio Lower Upper

276 100

277 40.7 19.8 29.6#

138 29.5 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

