

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
 Data File : BE099840.D
 Acq On : 7 Jun 2019 2:16
 Operator : JU/SJ
 Sample : K3136-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-24(6.5-7)MS

Quant Time: Jun 07 05:18:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1581	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6282	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10959	0.40	ng	-0.02
19) Phenanthrene-d10	17.24	188	14798	0.40	ng	0.01
27) Chrysene-d12	21.40	240	24995	0.40	ng	-0.01
34) Perylene-d12	23.96	264	18160	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1724	0.45	ng	0.01
5) Phenol-d6	6.96	99	2676	0.54	ng	0.00
8) Nitrobenzene-d5	8.96	82	2898	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	5551	0.51	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1602	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6278	0.15	ng	0.00
25) Fluoranthene-d10	19.23	212	22181	0.10	ng	-0.03
29) Terphenyl-d14	19.86	244	33075	0.81	ng	0.00

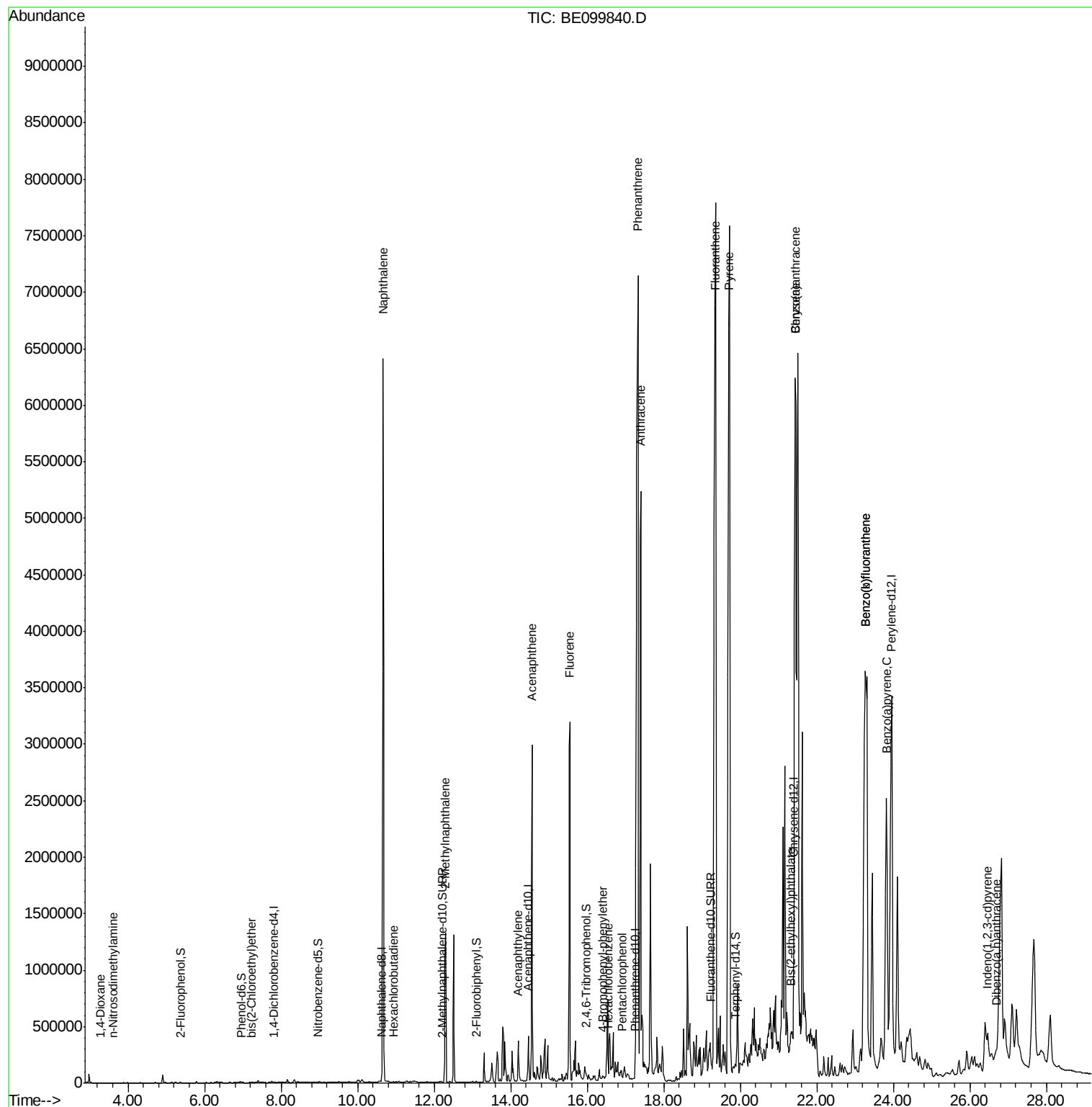
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	395	0.172	ng	# 75
3) n-Nitrosodimethylamine	3.60	42	431	0.354	ng	# 89
6) bis(2-Chloroethyl)ether	7.23	93	2012	0.464	ng	# 73
9) Naphthalene	10.67	128	10764831	160.505	ng	99
10) Hexachlorobutadiene	10.93	225	1591	0.311	ng	96
12) 2-Methylnaphthalene	12.30	142	980664	91.709	ng	97
16) Acenaphthylene	14.20	152	318912	6.031	ng	# 92
17) Acenaphthene	14.56	154	1502372	51.909	ng	98
18) Fluorene	15.54	166	2904637	68.136	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	2933	0.355	ng	# 1
21) Hexachlorobenzene	16.56	284	2803	0.310	ng	# 79
22) Pentachlorophenol	16.91	266	3719	1.532	ng	85
23) Phenanthrene	17.32	178	13738575	389.023	ng	# 88
24) Anthracene	17.40	178	6874737	215.399	ng	# 86
26) Fluoranthene	19.36	202	16440799	265.668	ng	# 88
28) Pyrene	19.72	202	14575924	241.429	ng	# 72
30) Benzo(a)anthracene	21.44	228	11755923	170.243	ng	# 83
31) Chrysene	21.44	228	11755923	154.055	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.33	149	99344	1.253	ng	# 87
33) Indeno(1,2,3-cd)pyrene	26.47	276	429019	4.693	ng	# 92
35) Benzo(b)fluoranthene	23.27	252	12650209	251.621	ng	96
36) Benzo(k)fluoranthene	23.27	252	12650209	237.025	ng	# 95
37) Benzo(a)pyrene	23.82	252	6641573	136.273	ng	# 95
38) Dibenzo(a,h)anthracene	26.69	278	115909	2.338	ng	# 70

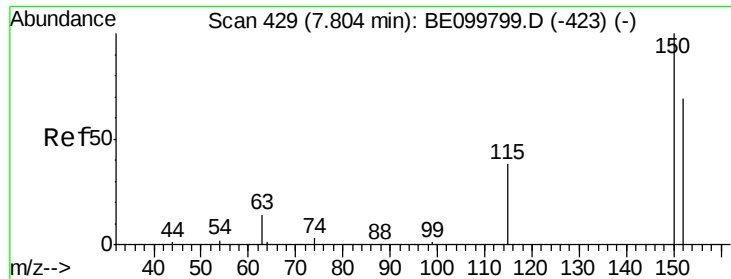
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

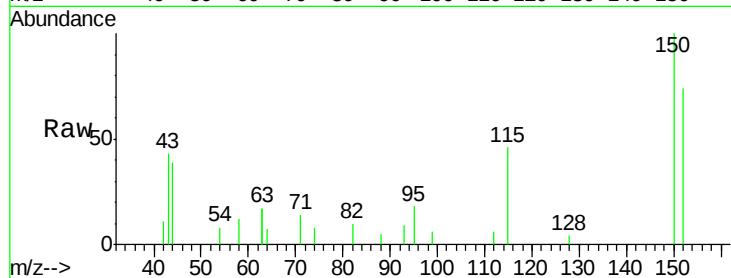
Tot Ion:152 Resp: 1581

Ion Ratio Lower Upper

152 100

150 135.4 112.8 169.2

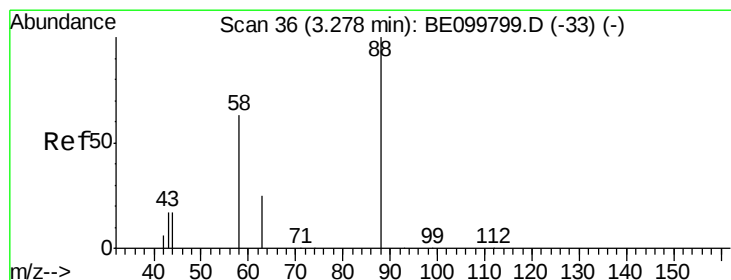
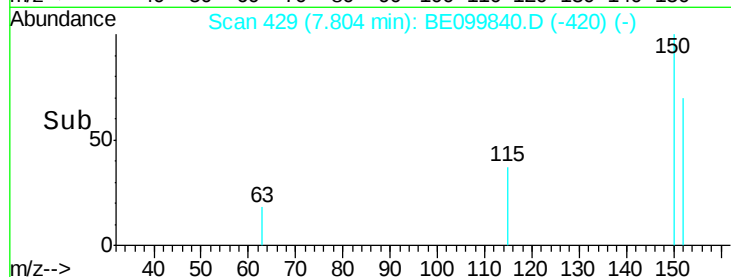
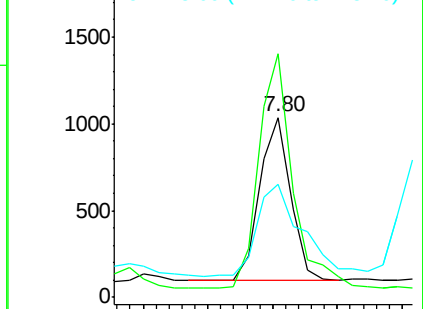
115 62.9 47.6 71.4



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: 0.172 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.00 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

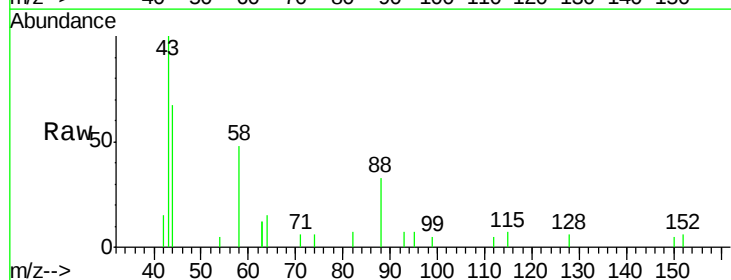
Tgt Ion: 88 Resp: 395

Ion Ratio Lower Upper

88 100

58 60.3 47.3 70.9

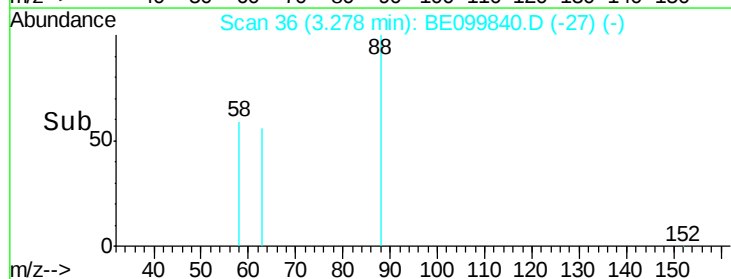
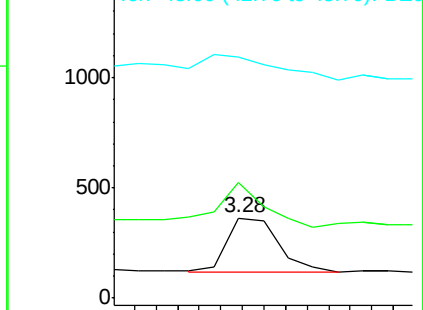
43 63.8 18.2 27.4

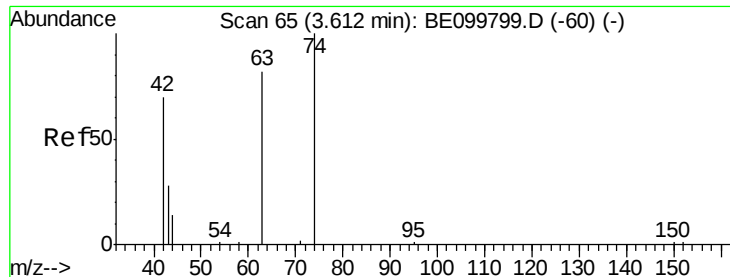


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.354 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

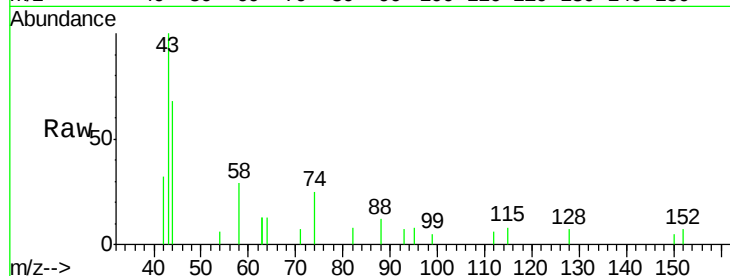
Tot Ion: 42 Resp: 431

Ion Ratio Lower Upper

42 100

74 155.0 132.6 198.8

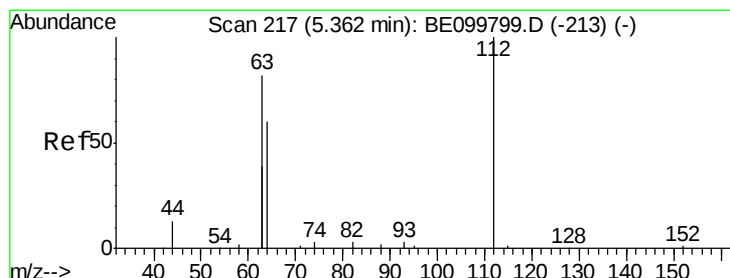
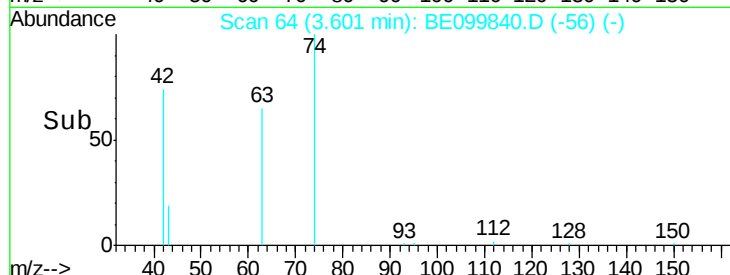
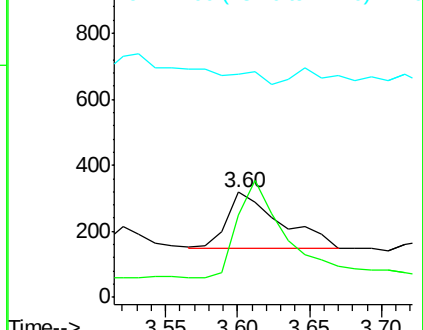
44 0.0 13.4 20.0#



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: 0.448 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

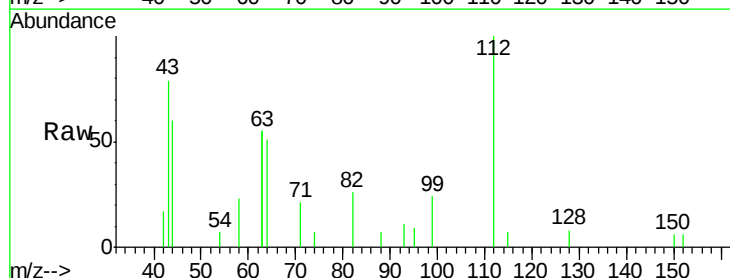
Tgt Ion: 112 Resp: 1724

Ion Ratio Lower Upper

112 100

64 52.9 47.2 70.8

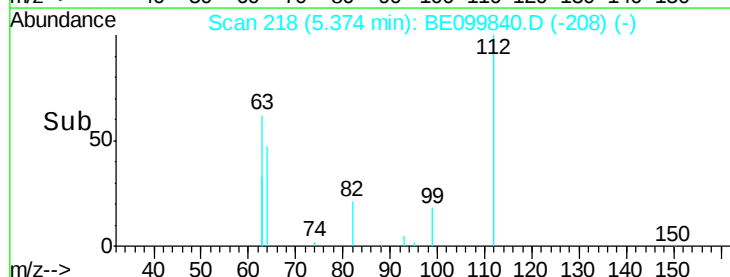
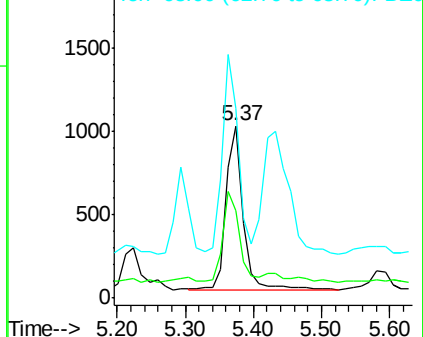
63 110.2 90.7 136.1

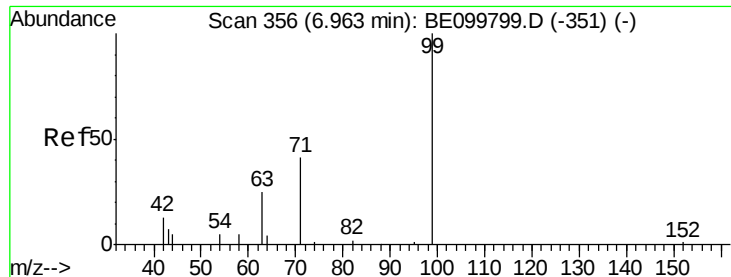


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.541 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

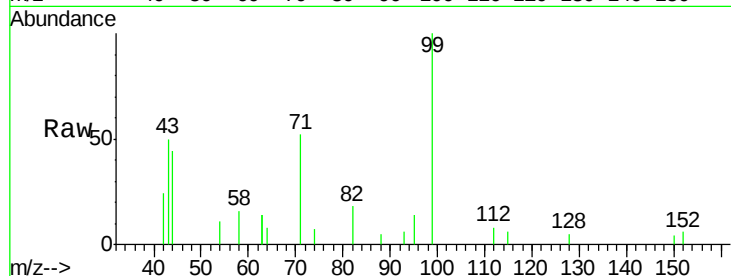
Tot Ion: 99 Resp: 2676

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

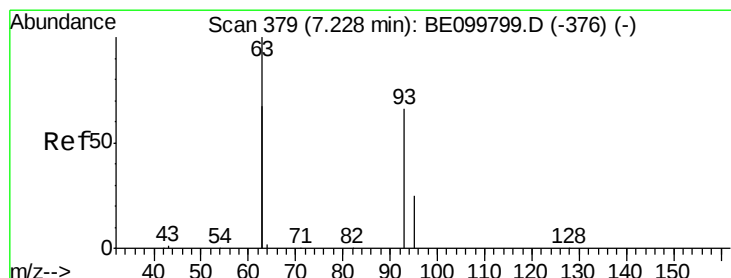
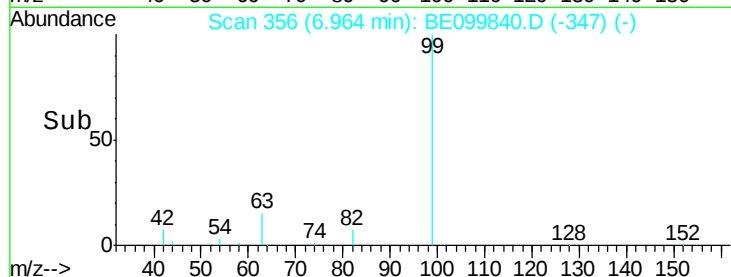
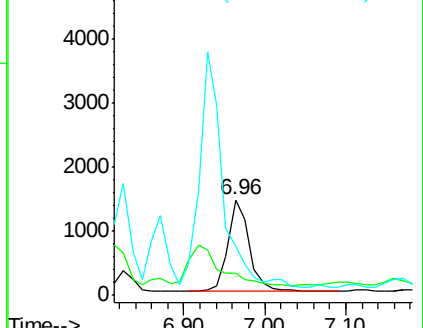
71 0.0 26.1 39.1#



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: 0.464 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.00 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

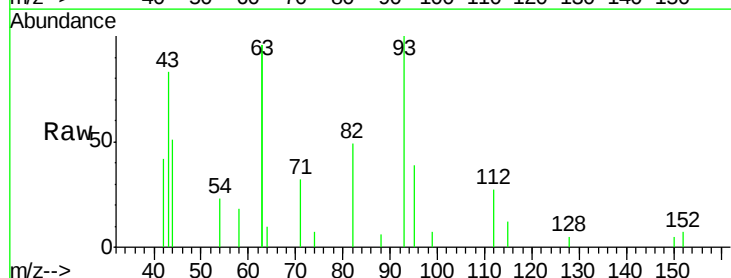
Tgt Ion: 93 Resp: 2012

Ion Ratio Lower Upper

93 100

63 210.2 208.8 313.2

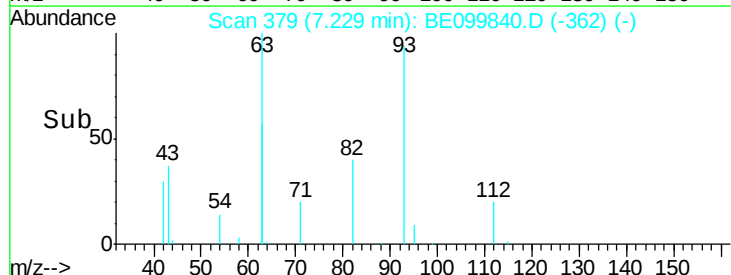
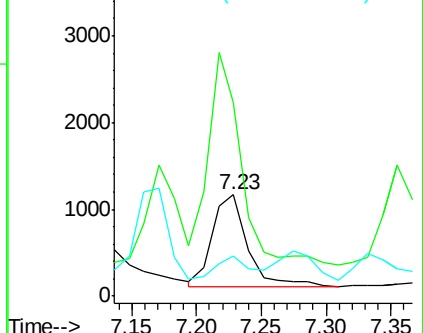
95 24.6 27.6 41.4#

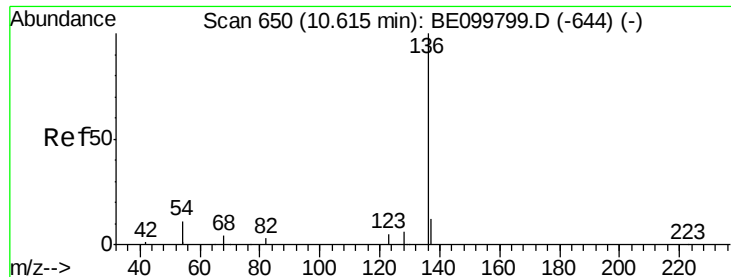


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

Tot Ion:136 Resp: 6282

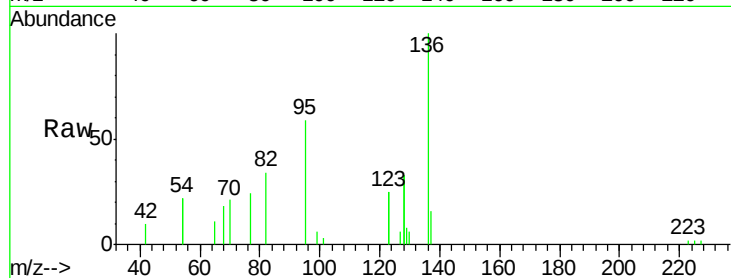
Ion Ratio Lower Upper

136 100

137 16.1 11.1 16.7

54 44.6 17.9 26.9#

68 17.8 5.4 8.0#

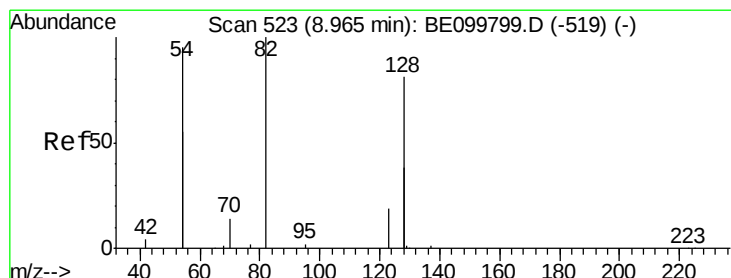
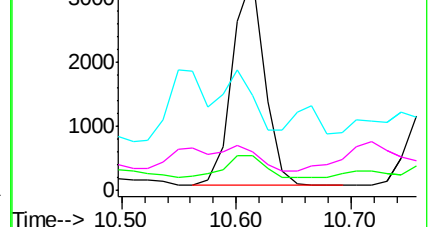
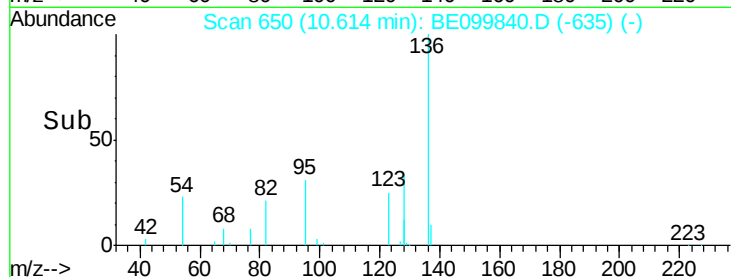


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.525 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

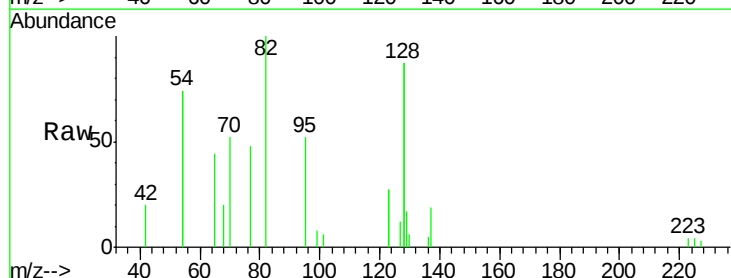
Tgt Ion: 82 Resp: 2898

Ion Ratio Lower Upper

82 100

128 175.0 116.6 175.0#

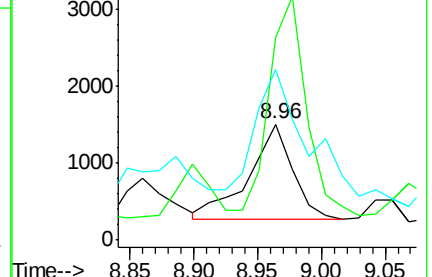
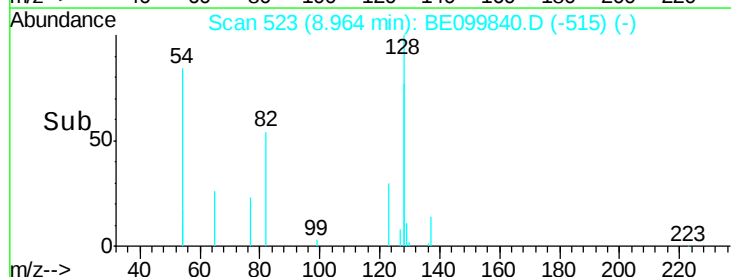
54 147.2 136.2 204.4

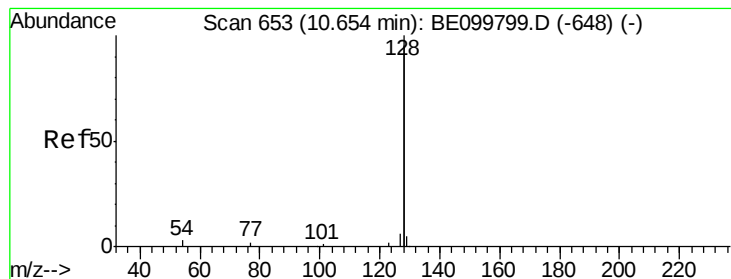


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 160.505 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

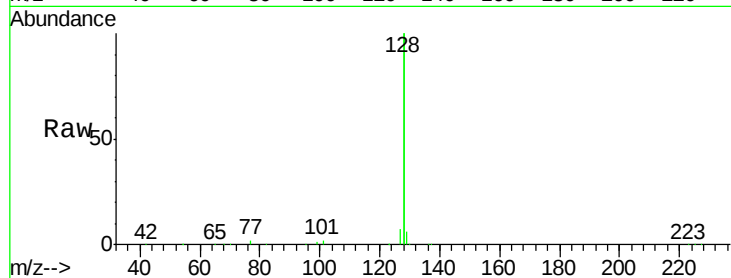
Tot Ion:128 Resp:10764831

Ion Ratio Lower Upper

128 100

129 2.9 2.6 4.0

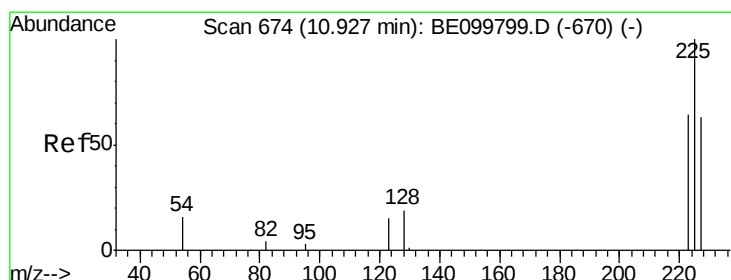
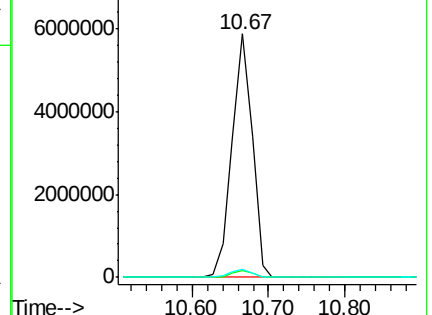
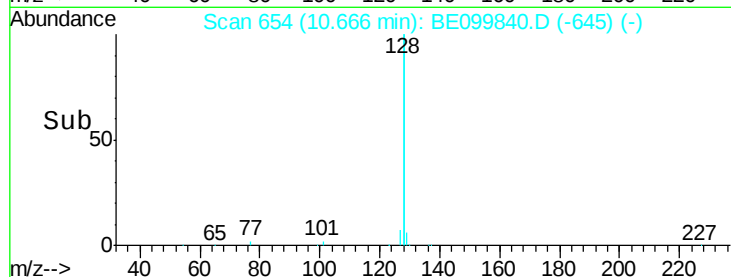
127 3.6 3.0 4.6



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: 0.311 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

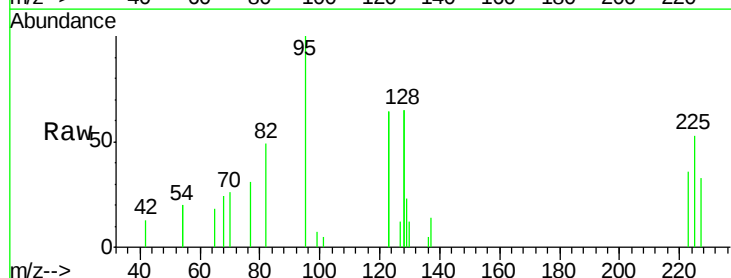
Tgt Ion:225 Resp: 1591

Ion Ratio Lower Upper

225 100

223 65.1 48.6 72.8

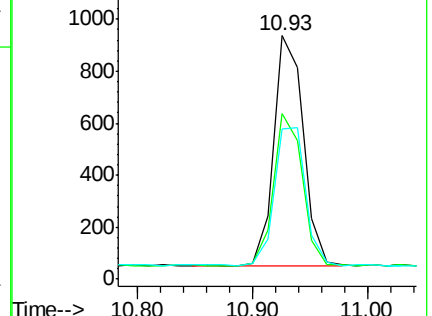
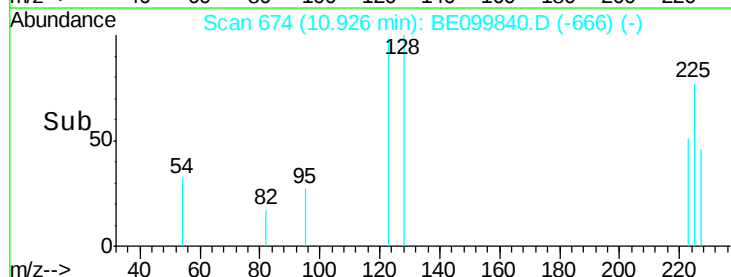
227 63.2 51.6 77.4

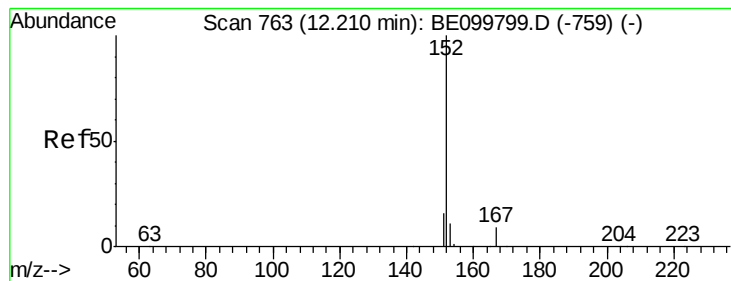


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.515 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

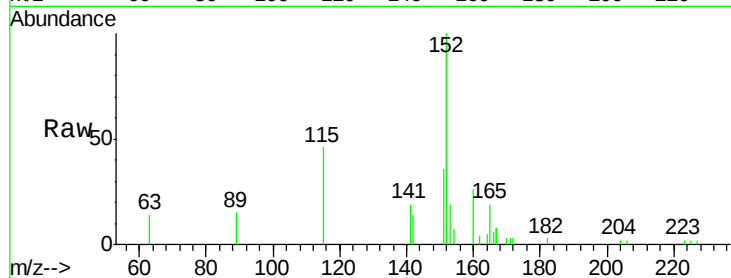
FESB-24(6.5-7)MS

Tot Ion:152 Resp: 5551

Ion Ratio Lower Upper

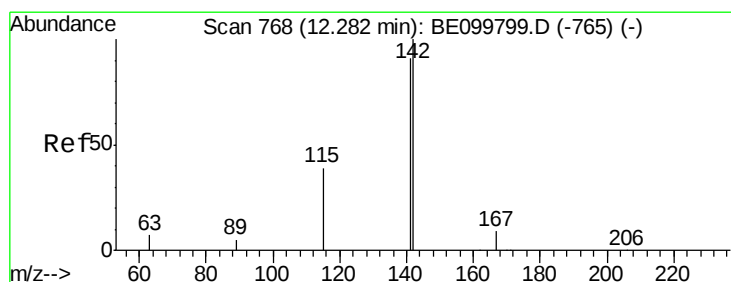
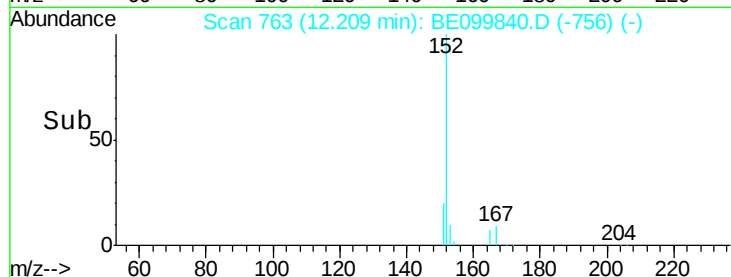
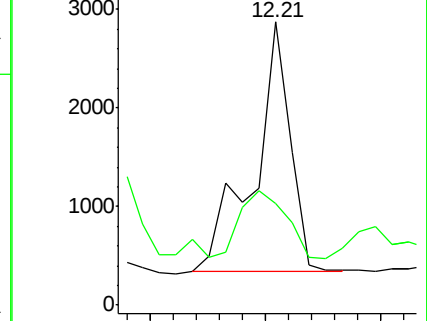
152 100

151 34.9 15.8 23.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 91.709 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

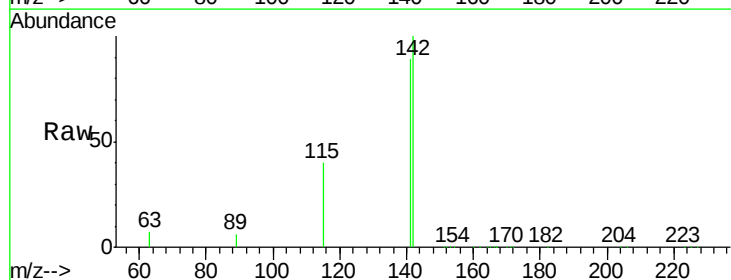
Tgt Ion:142 Resp: 980664

Ion Ratio Lower Upper

142 100

141 89.3 73.3 109.9

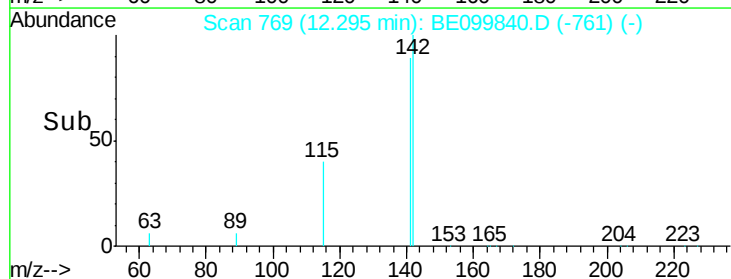
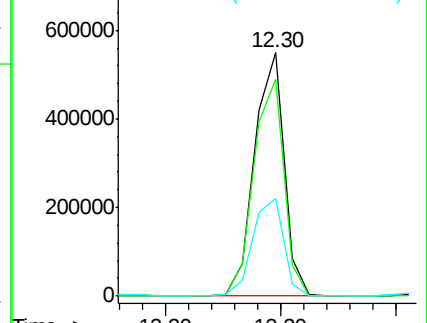
115 40.0 33.4 50.2

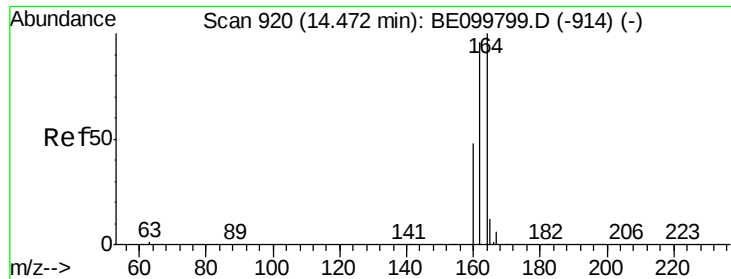


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

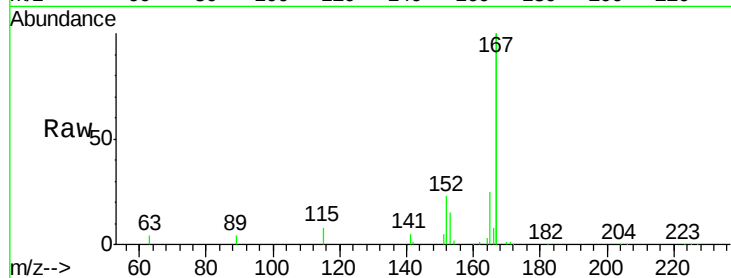




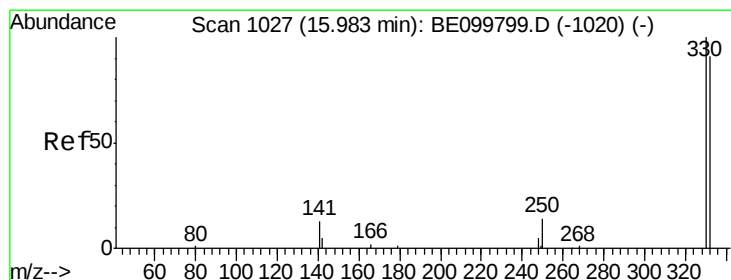
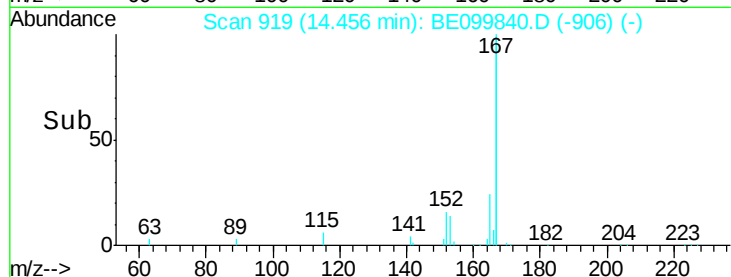
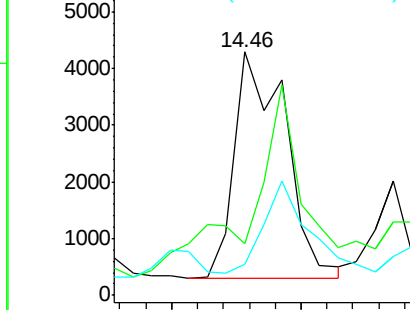
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.02 min
Lab File: BE099840.D
Acq: 7 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MS

Tot Ion:164 Resp: 10959
Ion Ratio Lower Upper
164 100
162 21.4 77.2 115.8#
160 12.8 39.4 59.2#

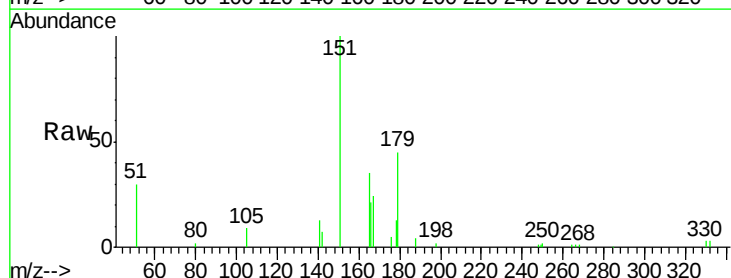


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

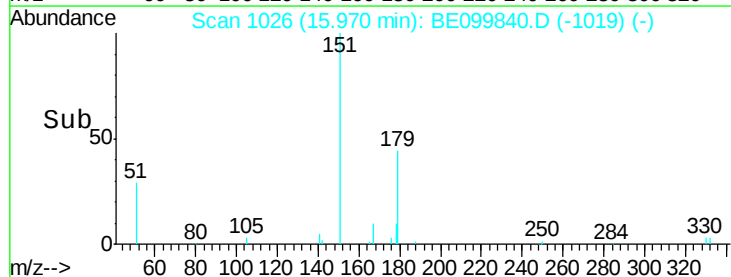
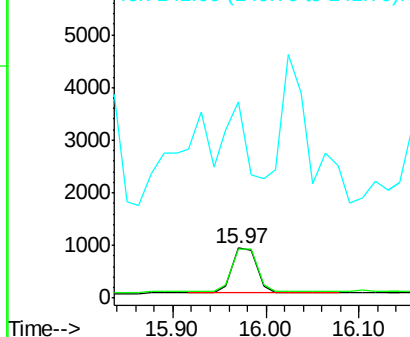


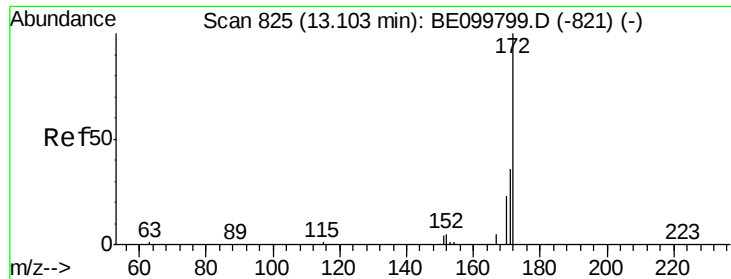
#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099840.D
Acq: 7 Jun 2019 2:16

Tgt Ion:330 Resp: 1602
Ion Ratio Lower Upper
330 100
332 98.3 74.9 112.3
141 123.7 16.0 24.0#



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

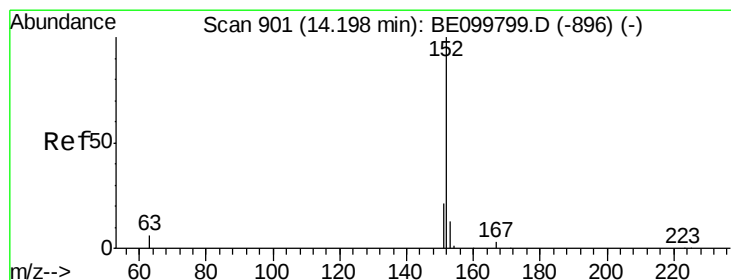
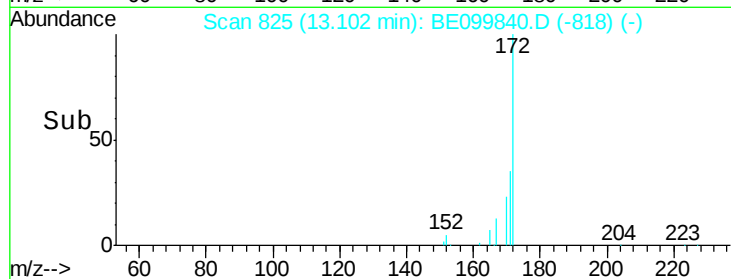
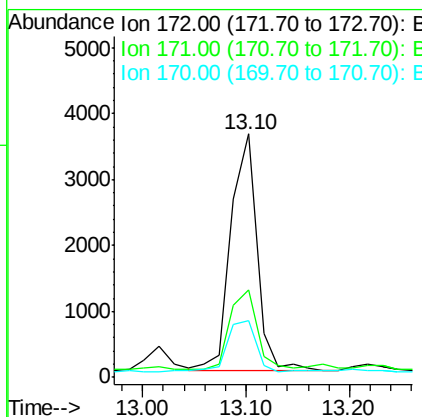
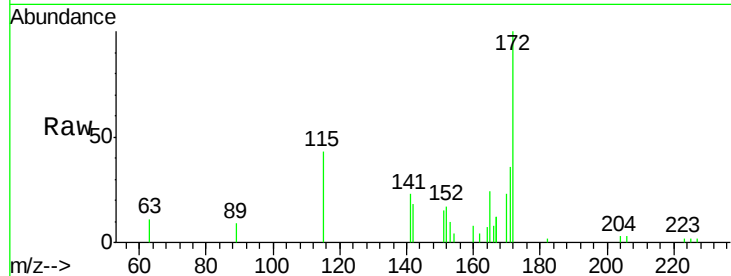




#15
2-Fluorobiphenyl
Concen: 0.154 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099840.D
Acq: 7 Jun 2019 2:16

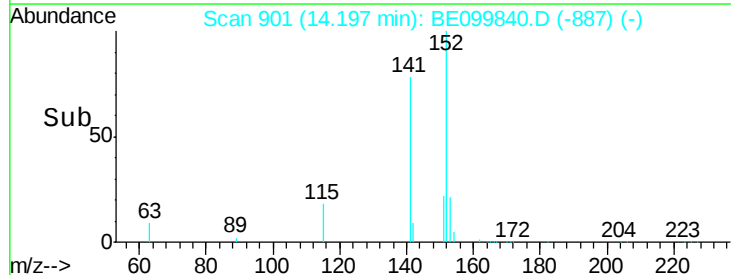
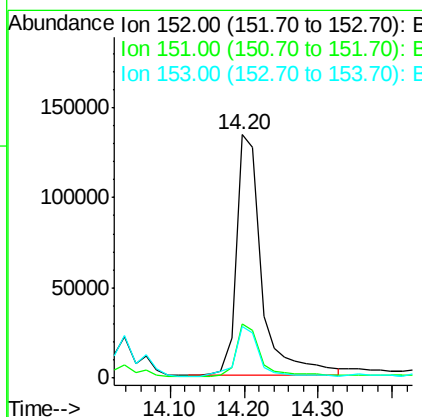
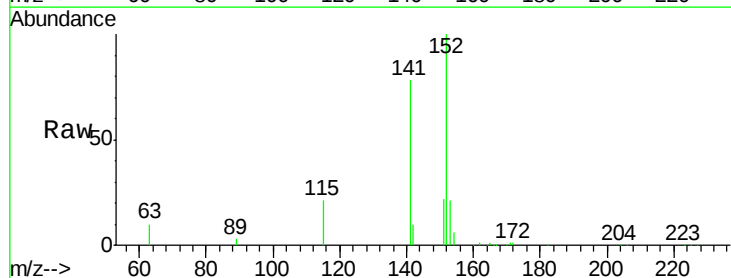
Instrument :
BNA_E
ClientSampleId :
FESB-24(6.5-7)MS

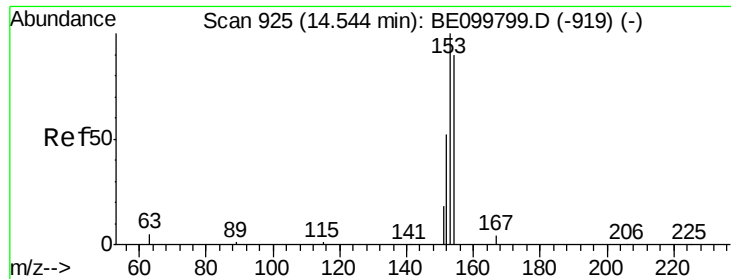
Tot Ion:172 Resp: 6278
Ion Ratio Lower Upper
172 100
171 36.1 30.2 45.4
170 23.4 20.1 30.1



#16
Acenaphthylene
Concen: 6.031 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099840.D
Acq: 7 Jun 2019 2:16

Tgt Ion:152 Resp: 318912
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 20.0 10.8 16.2#





#17

Acenaphthene

Concen: 51.909 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

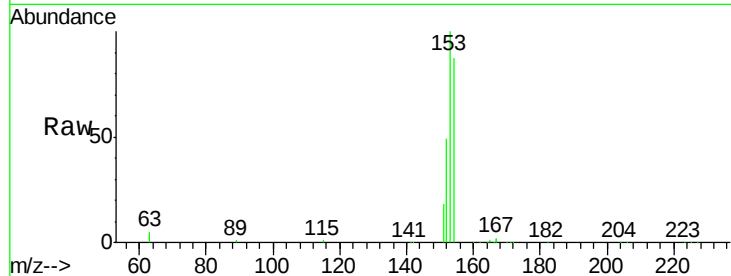
Tot Ion:154 Resp: 1502372

Ion Ratio Lower Upper

154 100

153 116.2 93.8 140.6

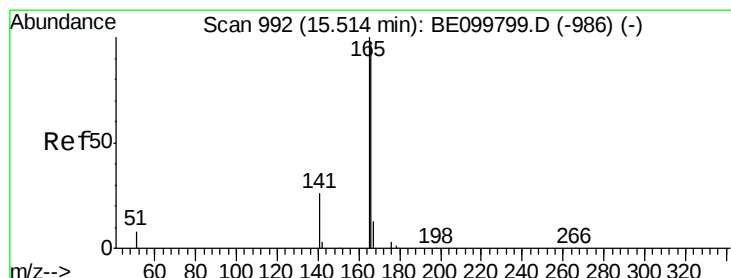
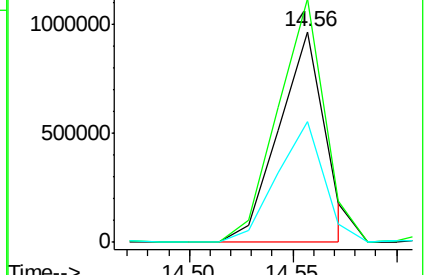
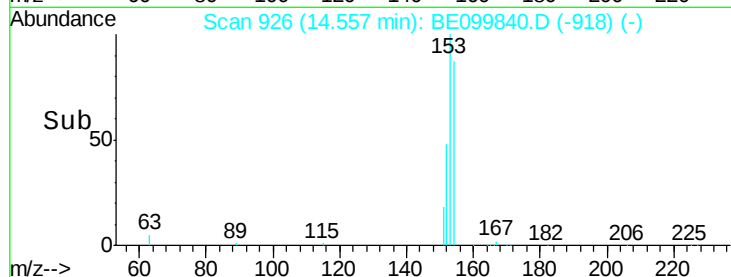
152 57.7 48.3 72.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 68.136 ng

RT: 15.54 min Scan# 994

Delta R.T. 0.03 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

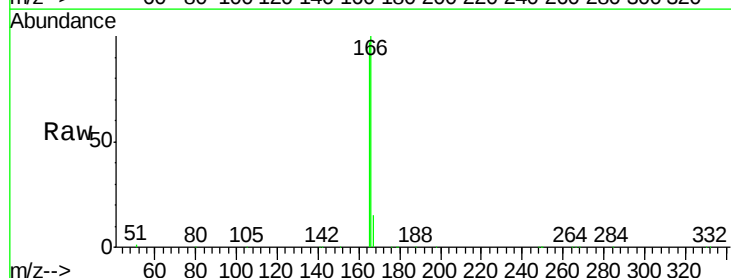
Tgt Ion:166 Resp: 2904637

Ion Ratio Lower Upper

166 100

165 98.4 80.4 120.6

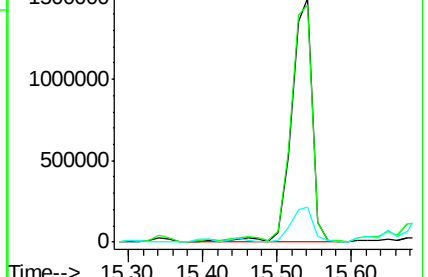
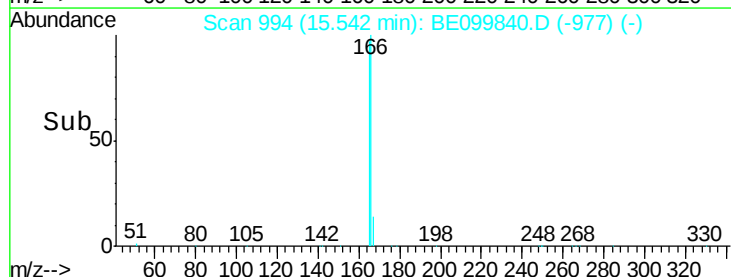
167 15.1 10.7 16.1

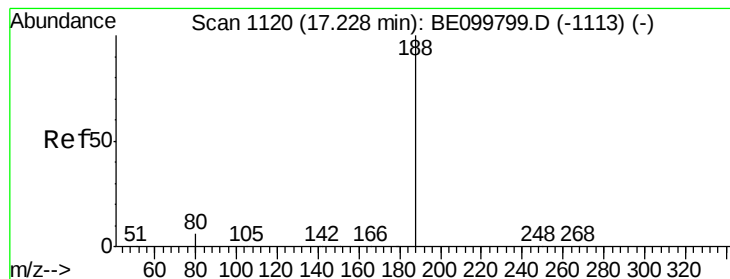


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

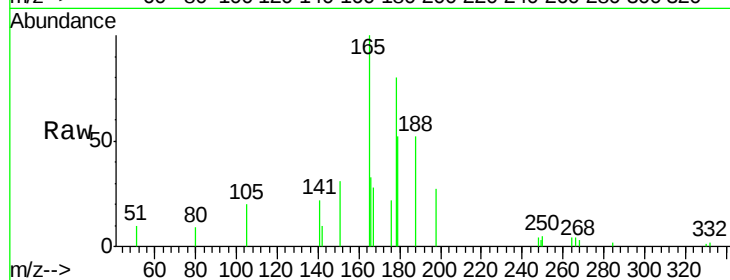
Tot Ion:188 Resp: 14798

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

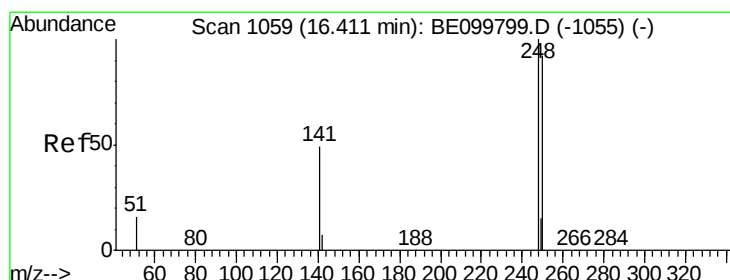
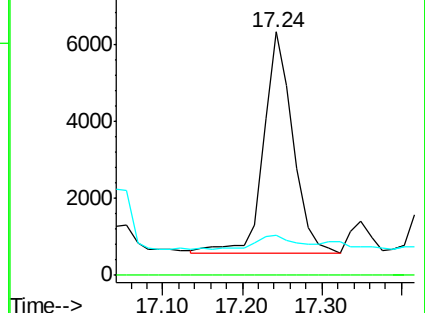
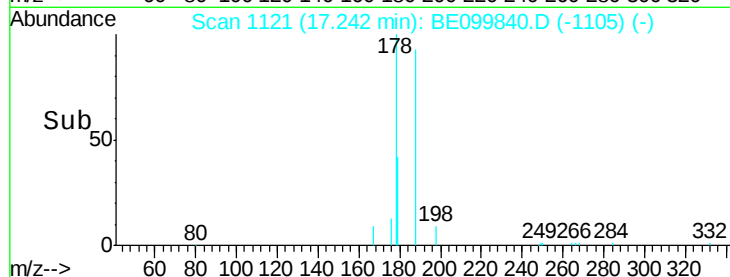
80 16.7 5.2 7.8#



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: 0.355 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

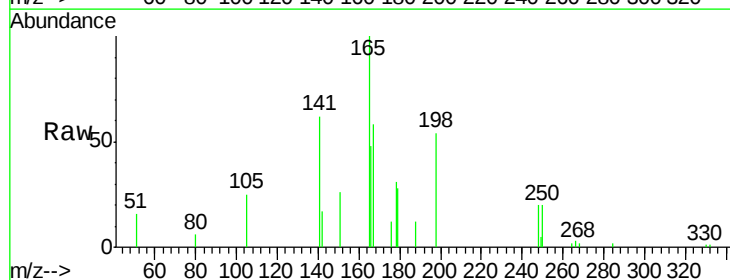
Tgt Ion:248 Resp: 2933

Ion Ratio Lower Upper

248 100

250 99.7 73.7 110.5

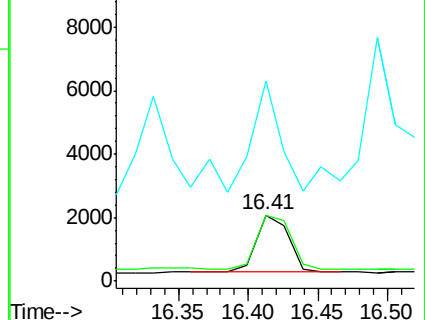
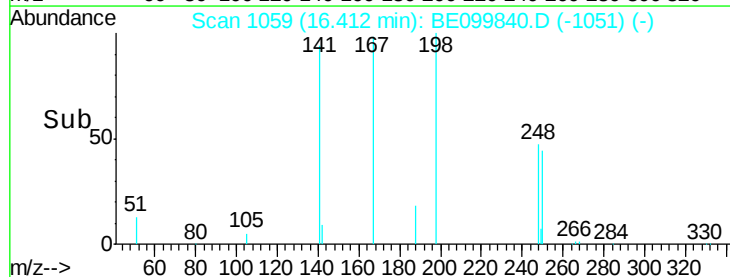
141 305.0 40.9 61.3#

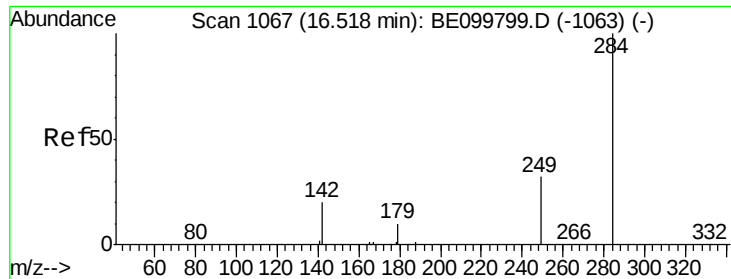


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.310 ng

RT: 16.56 min Scan# 1070

Delta R.T. 0.04 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

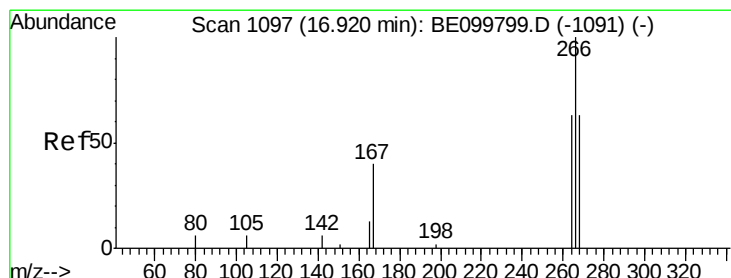
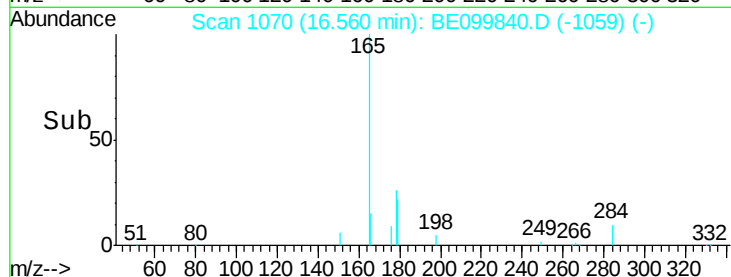
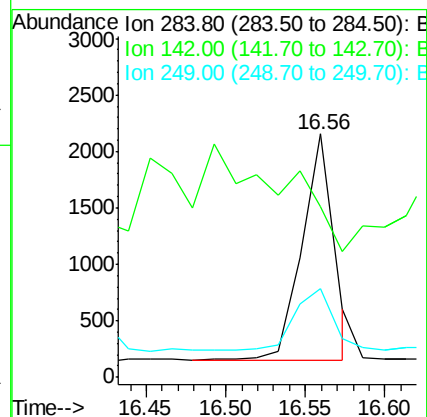
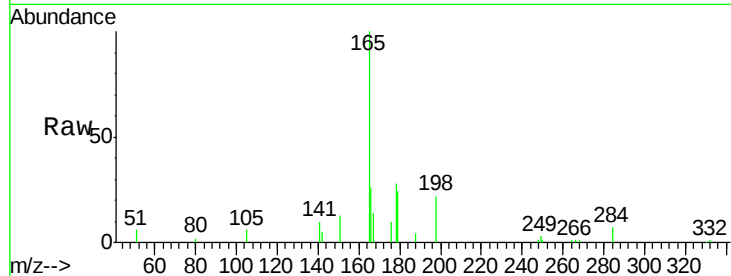
Tot Ion:284 Resp: 2803

Ion Ratio Lower Upper

284 100

142 0.0 16.2 24.4#

249 31.3 23.1 34.7



#22

Pentachlorophenol

Concen: 1.532 ng

RT: 16.91 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

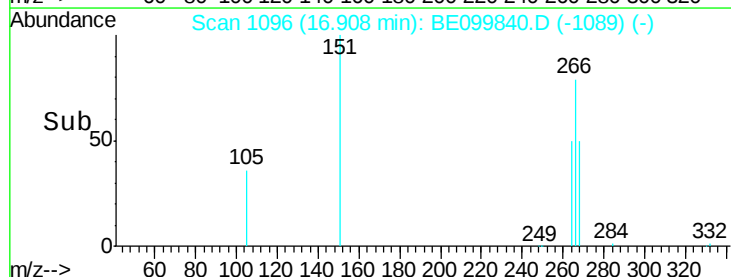
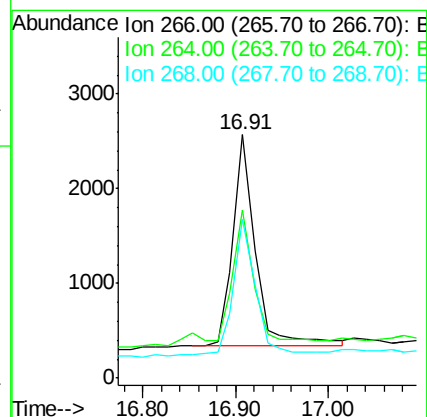
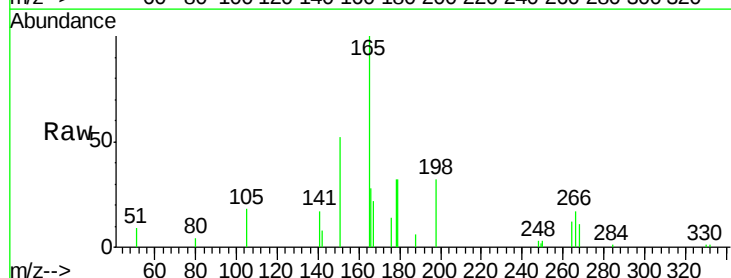
Tgt Ion:266 Resp: 3719

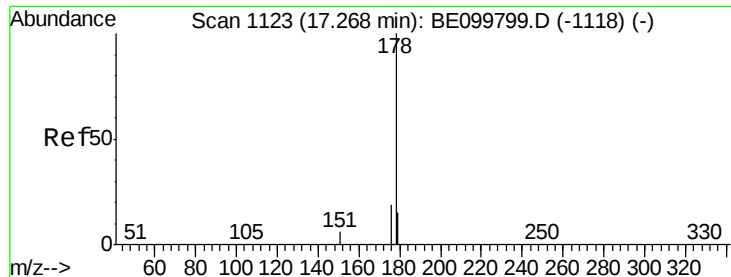
Ion Ratio Lower Upper

266 100

264 69.1 64.9 97.3

268 65.3 64.0 96.0





#23

Phenanthrene

Concen: 389.023 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.05 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

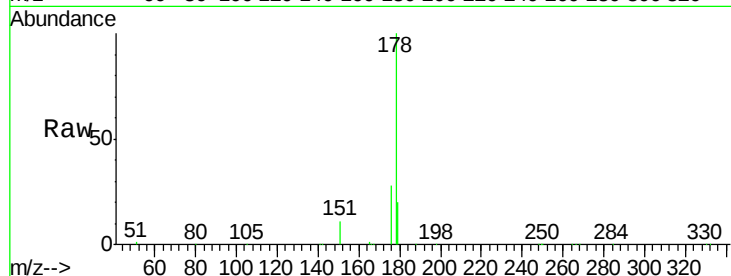
Tot Ion:178 Resp:13738575

Ion Ratio Lower Upper

178 100

176 25.1 15.4 23.0#

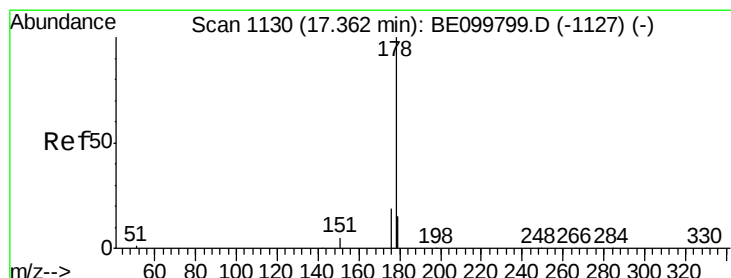
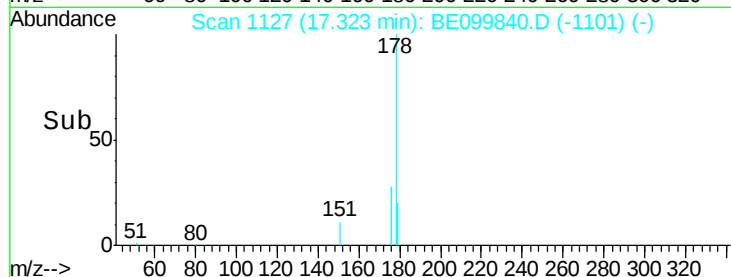
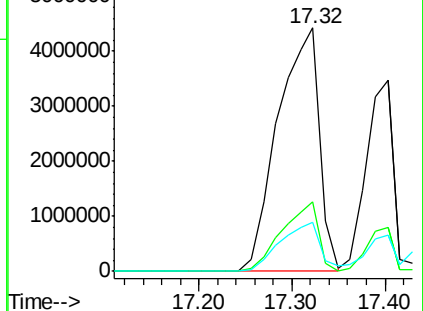
179 19.6 12.5 18.7#



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: 215.399 ng

RT: 17.40 min Scan# 1133

Delta R.T. 0.04 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

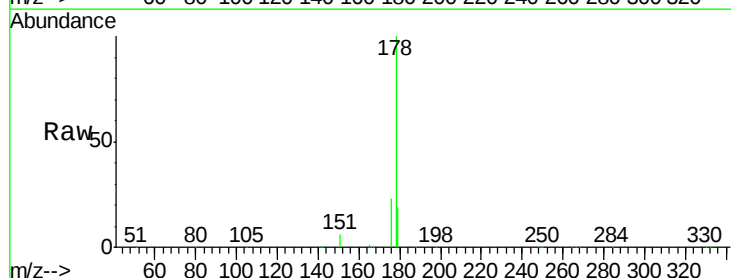
Tgt Ion:178 Resp: 6874737

Ion Ratio Lower Upper

178 100

176 22.4 15.1 22.7

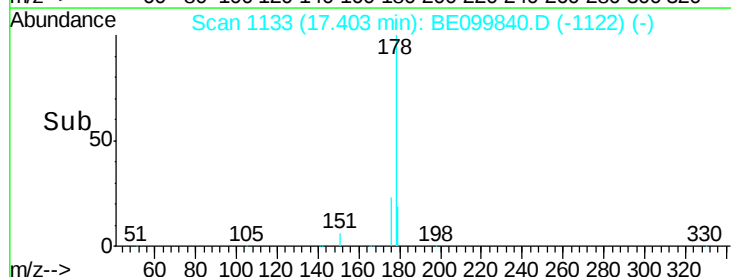
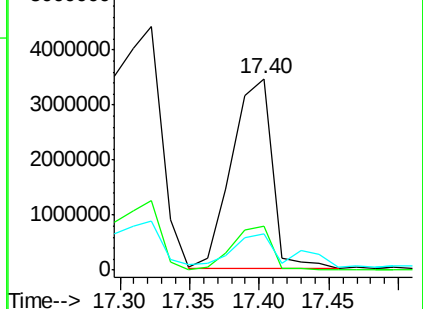
179 24.1 12.1 18.1#

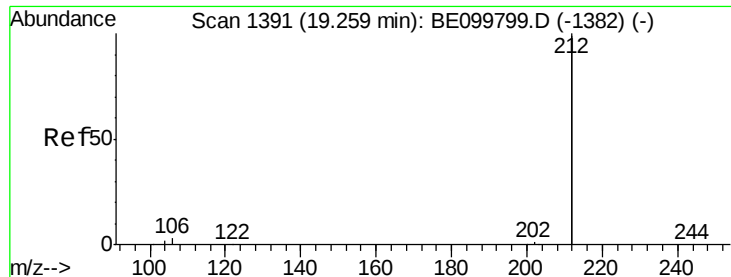


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.101 ng

RT: 19.23 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

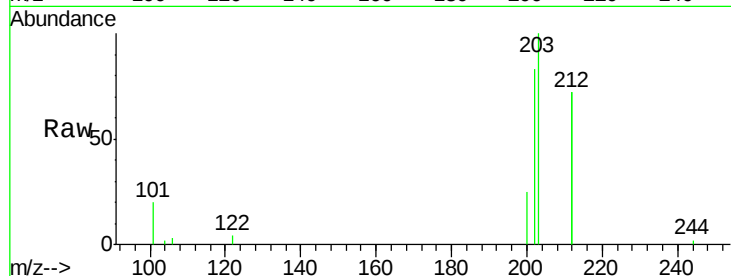
Tot Ion:212 Resp: 22181

Ion Ratio Lower Upper

212 100

106 0.0 1.4 2.0#

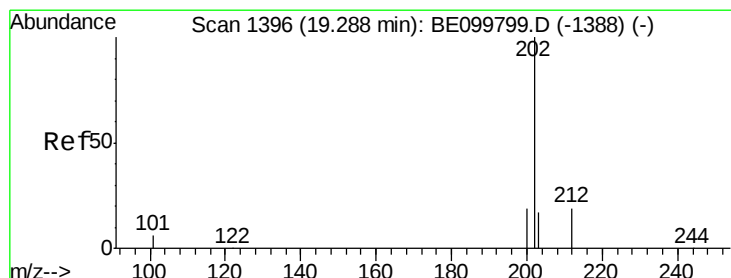
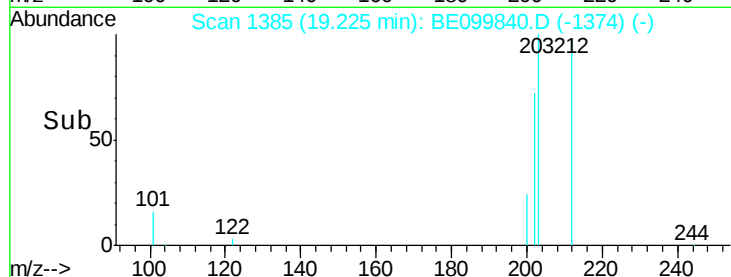
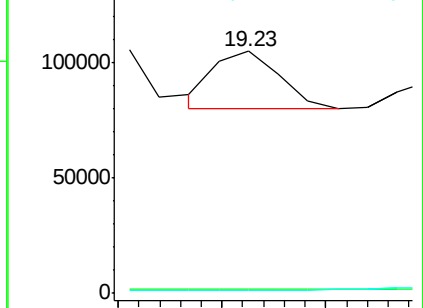
104 0.0 0.8 1.2#



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



#26

Fluoranthene

Concen: 265.668 ng

RT: 19.36 min Scan# 1408

Delta R.T. 0.07 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

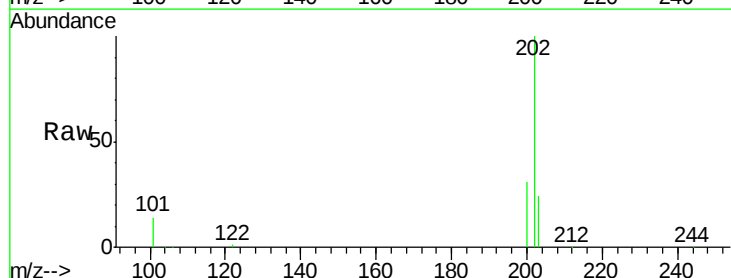
Tgt Ion:202 Resp:16440799

Ion Ratio Lower Upper

202 100

101 11.2 5.2 7.8#

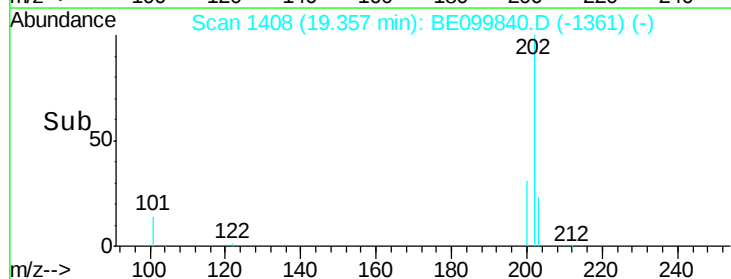
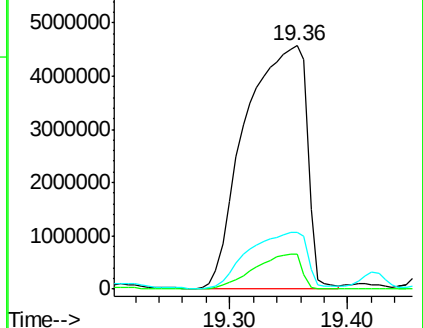
203 22.2 13.6 20.4#

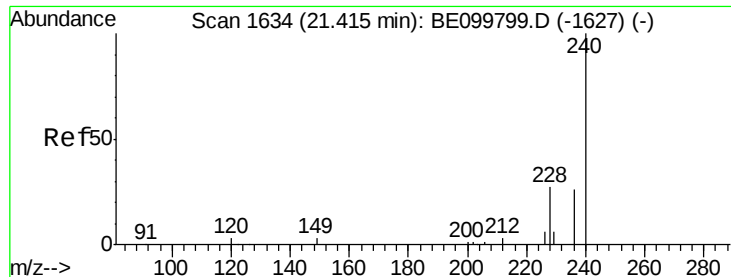


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

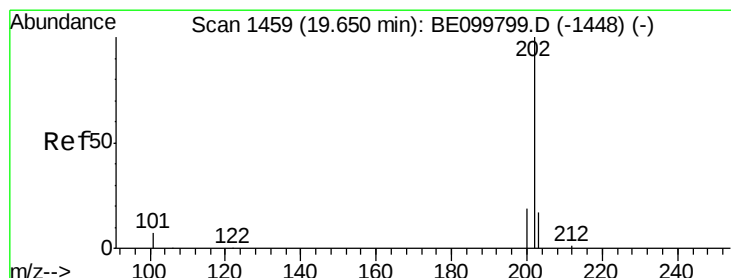
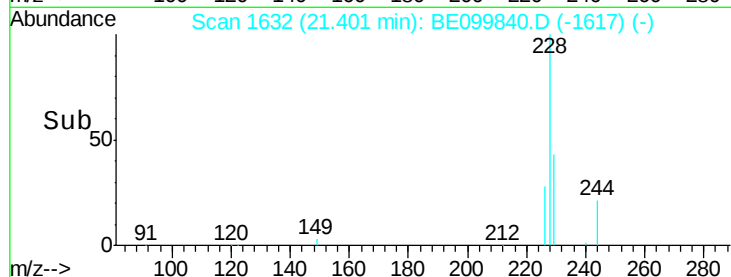
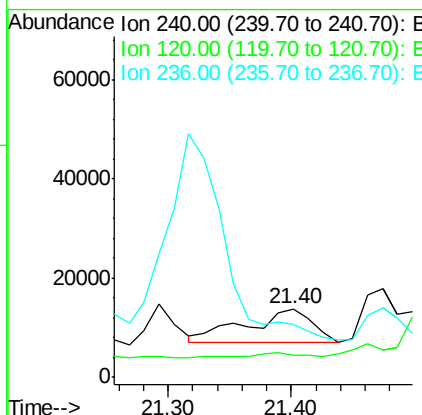
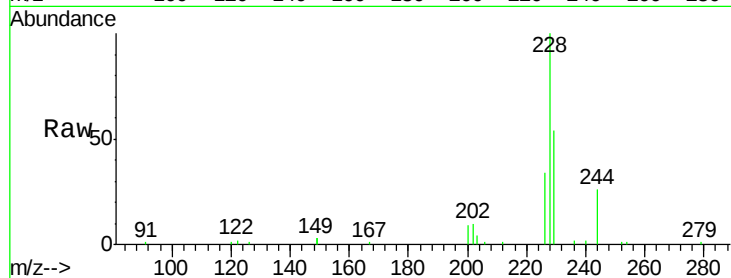




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099840.D
 Acq: 7 Jun 2019 2:16

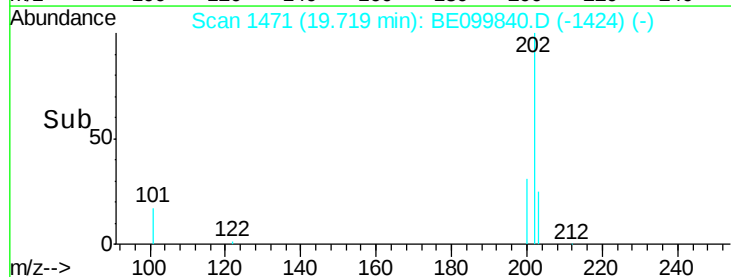
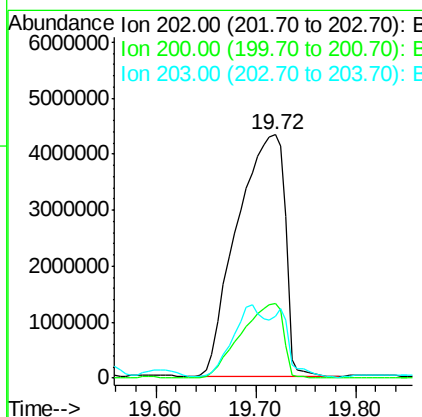
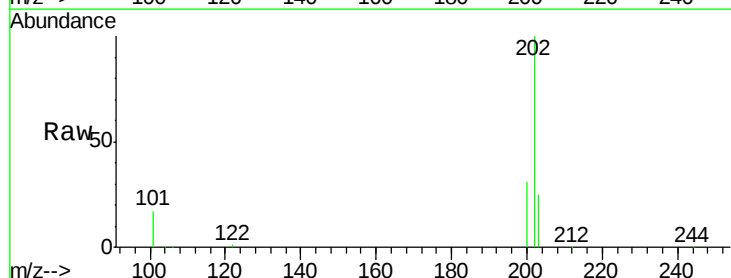
Instrument :
 BNA_E
 ClientSampleId :
 FESB-24(6.5-7)MS

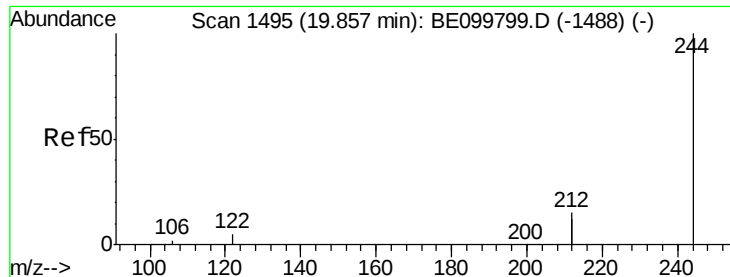
Tot Ion:240 Resp: 24995
 Ion Ratio Lower Upper
 240 100
 120 32.9 2.8 4.2#
 236 77.6 20.9 31.3#



#28
 Pyrene
 Concen: 241.429 ng
 RT: 19.72 min Scan# 1471
 Delta R.T. 0.07 min
 Lab File: BE099840.D
 Acq: 7 Jun 2019 2:16

Tgt Ion:202 Resp:14575924
 Ion Ratio Lower Upper
 202 100
 200 27.2 15.6 23.4#
 203 0.0 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.807 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

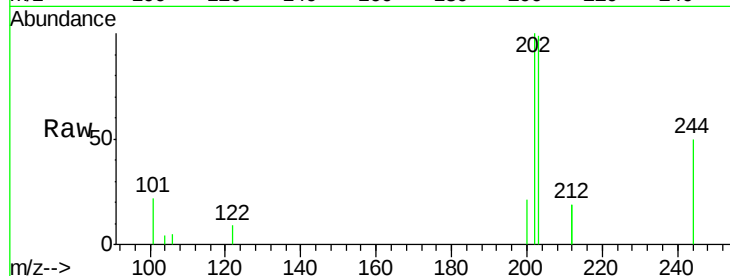
Tot Ion:244 Resp: 33075

Ion Ratio Lower Upper

244 100

212 76.8 23.7 35.5#

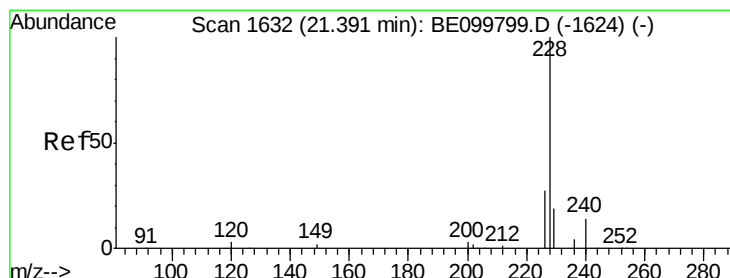
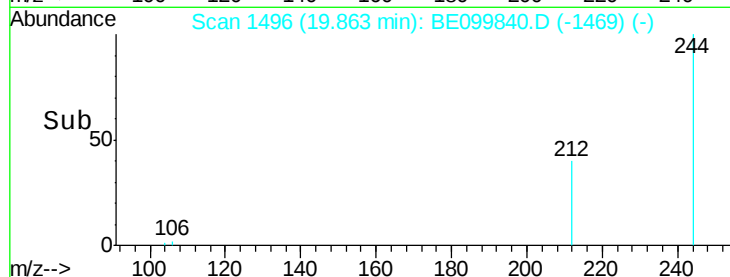
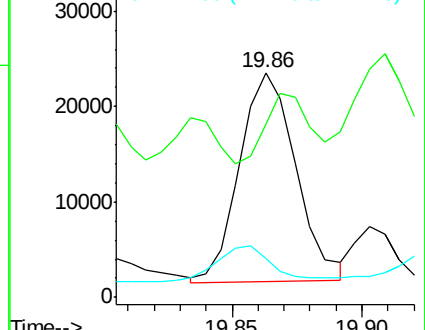
122 17.3 4.8 7.2#



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: 170.243 ng

RT: 21.44 min Scan# 1635

Delta R.T. 0.05 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

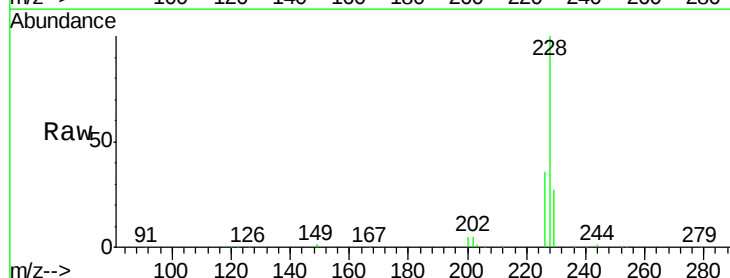
Tgt Ion:228 Resp:11755923

Ion Ratio Lower Upper

228 100

226 35.9 21.6 32.4#

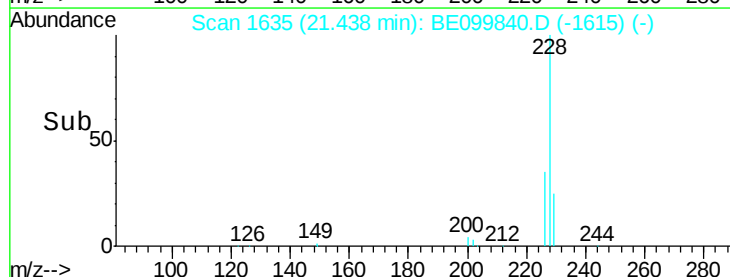
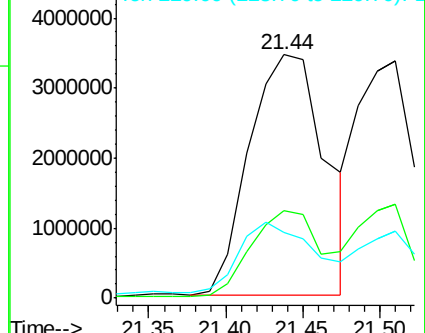
229 26.9 15.8 23.6#

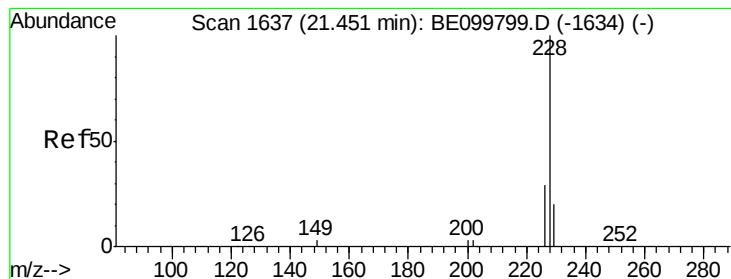


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 154.055 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

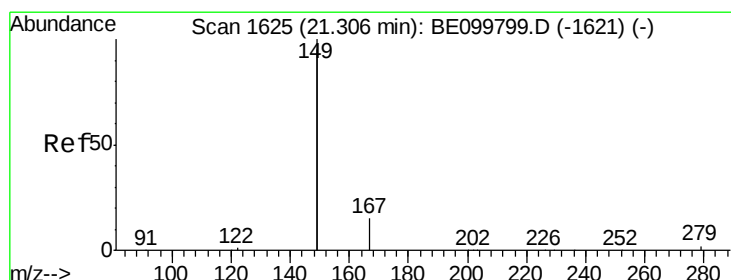
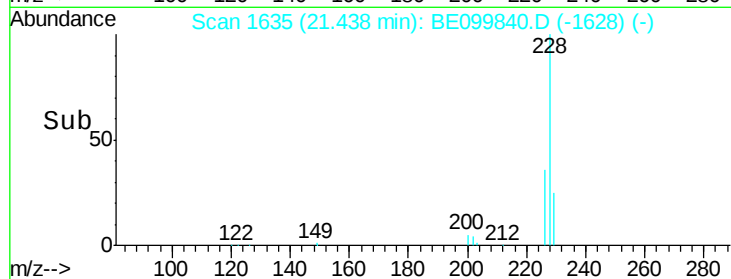
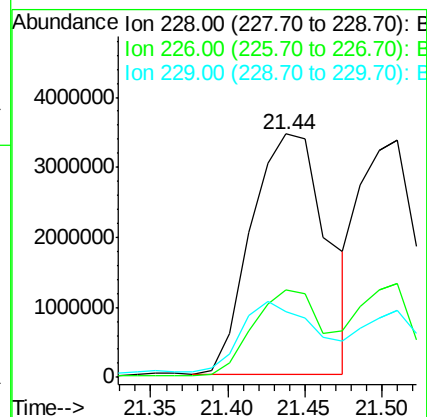
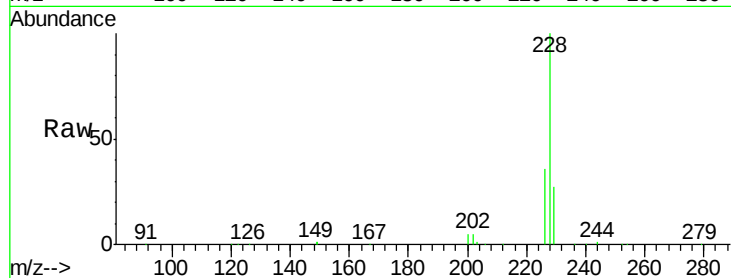
Tot Ion:228 Resp:11755923

Ion Ratio Lower Upper

228 100

226 35.9 22.9 34.3#

229 26.9 16.4 24.6#



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.253 ng

RT: 21.33 min Scan# 1626

Delta R.T. 0.02 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

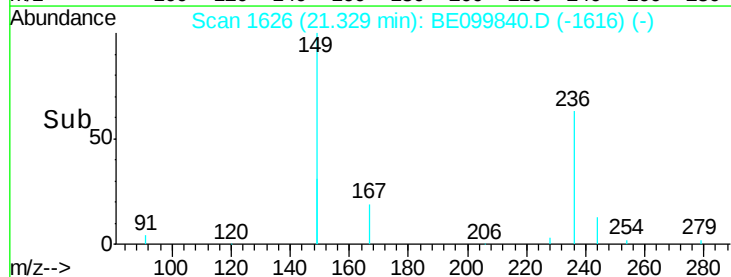
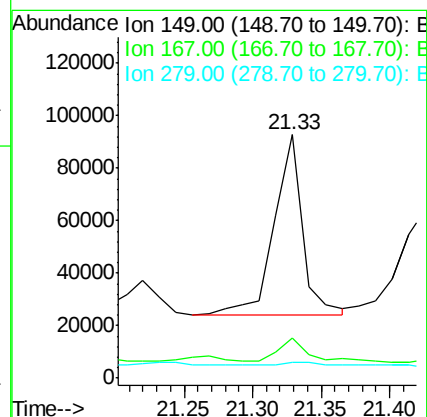
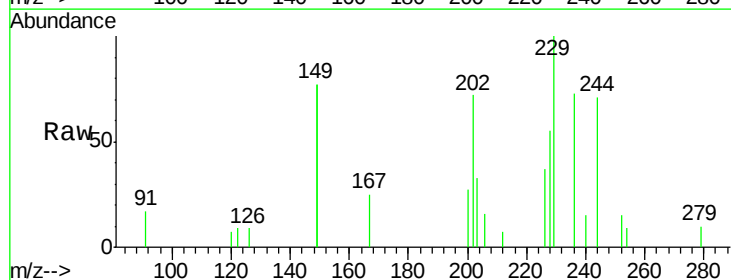
Tgt Ion:149 Resp: 99344

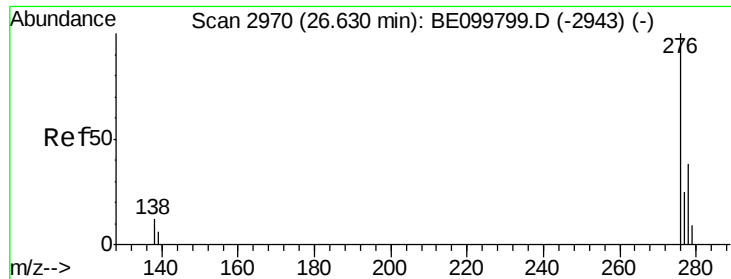
Ion Ratio Lower Upper

149 100

167 13.1 6.0 9.0#

279 1.6 1.2 1.8

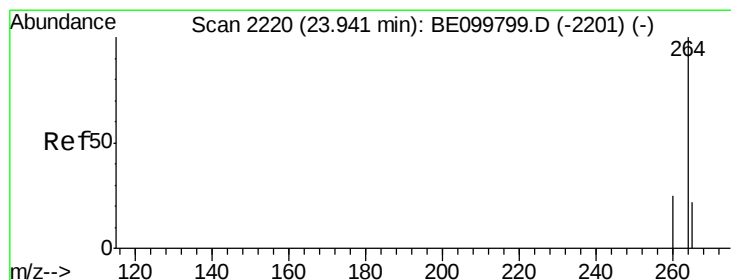
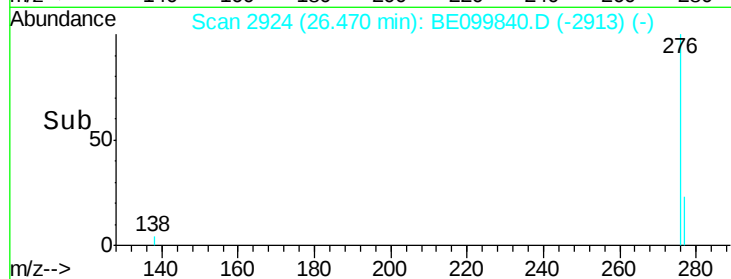
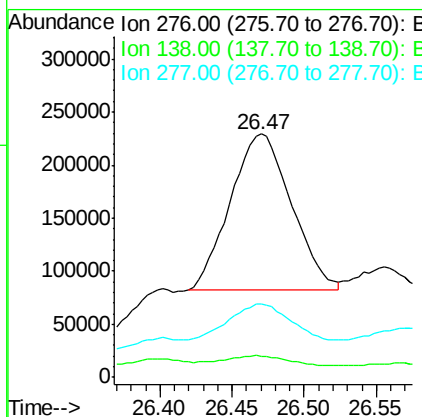
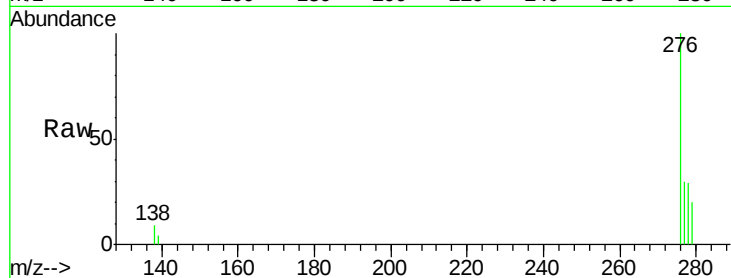




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 4.693 ng
 RT: 26.47 min Scan# 2924
 Delta R.T. -0.16 min
 Lab File: BE099840.D
 Acq: 7 Jun 2019 2:16

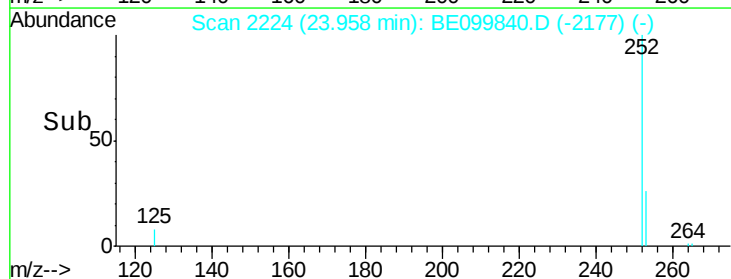
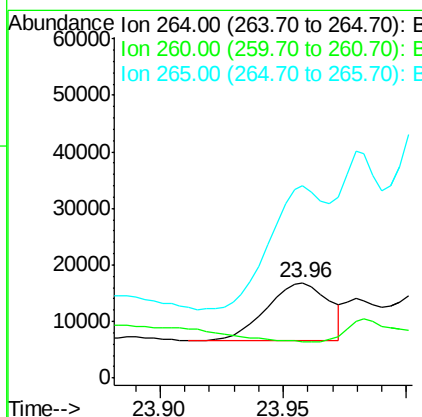
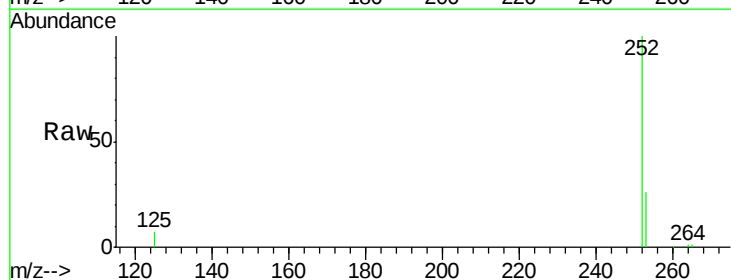
Instrument :
 BNA_E
 ClientSampleId :
 FESB-24(6.5-7)MS

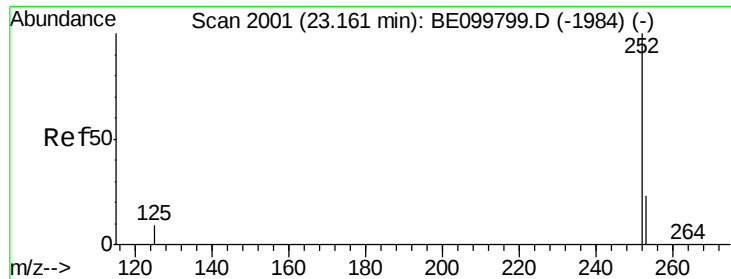
Tot Ion:276 Resp: 429019
 Ion Ratio Lower Upper
 276 100
 138 6.7 10.3 15.5#
 277 22.4 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2224
 Delta R.T. 0.02 min
 Lab File: BE099840.D
 Acq: 7 Jun 2019 2:16

Tgt Ion:264 Resp: 18160
 Ion Ratio Lower Upper
 264 100
 260 38.4 20.0 30.0#
 265 202.3 20.7 31.1#





#35

Benzo(b)fluoranthene

Concen: 251.621 ng

RT: 23.27 min Scan# 2031

Delta R.T. 0.11 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

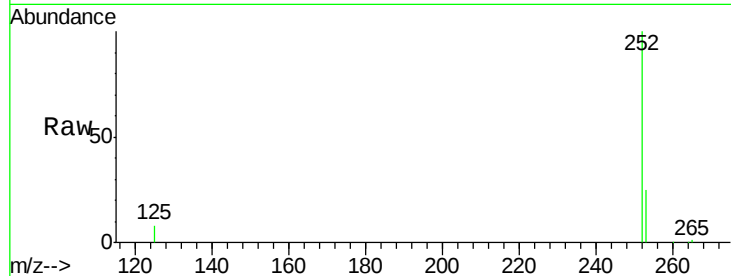
Tot Ion:252 Resp:12650209

Ion Ratio Lower Upper

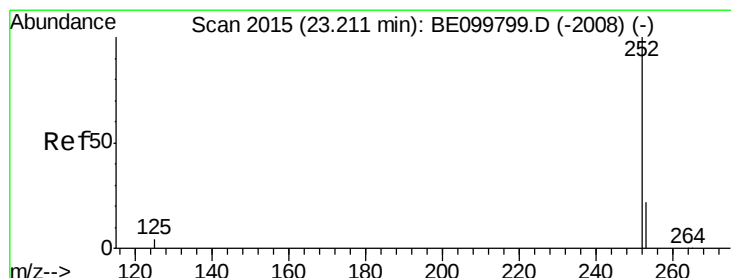
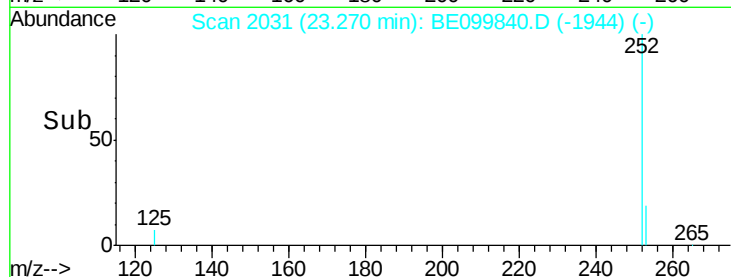
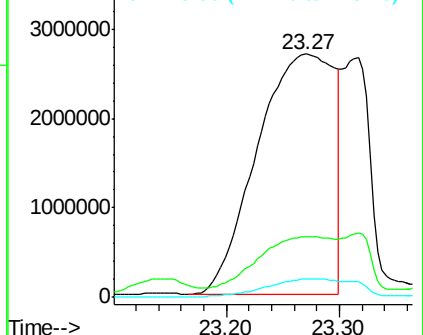
252 100

253 25.1 18.9 28.3

125 7.8 7.6 11.4



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: 237.025 ng

RT: 23.27 min Scan# 2031

Delta R.T. 0.06 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

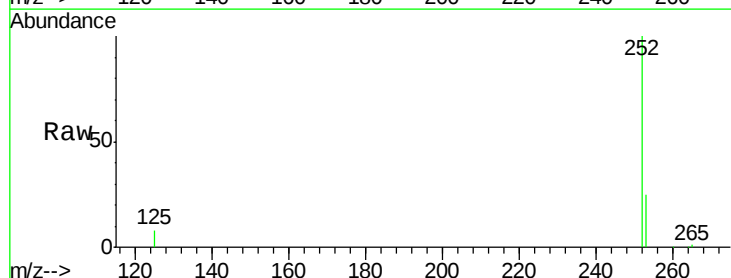
Tgt Ion:252 Resp:12650209

Ion Ratio Lower Upper

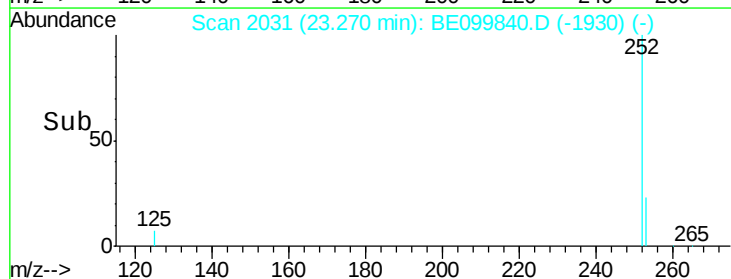
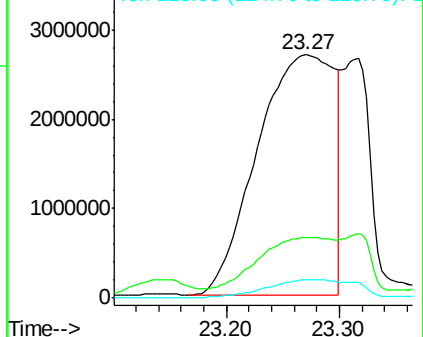
252 100

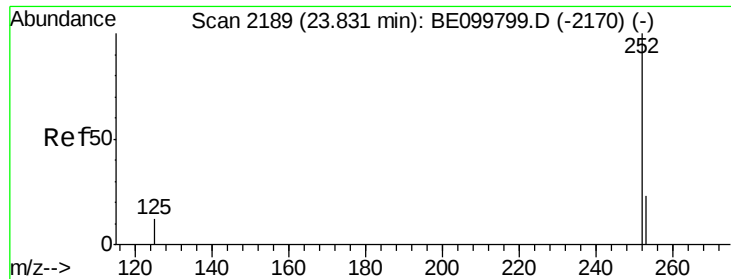
253 25.1 18.4 27.6

125 7.8 4.6 7.0#



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





#37

Benzo(a)pyrene

Concen: 136.273 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

Instrument :

BNA_E

ClientSampleId :

FESB-24(6.5-7)MS

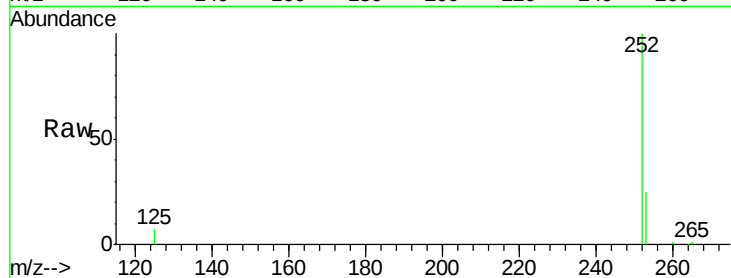
Tot Ion:252 Resp: 6641573

Ion Ratio Lower Upper

252 100

253 24.6 19.3 28.9

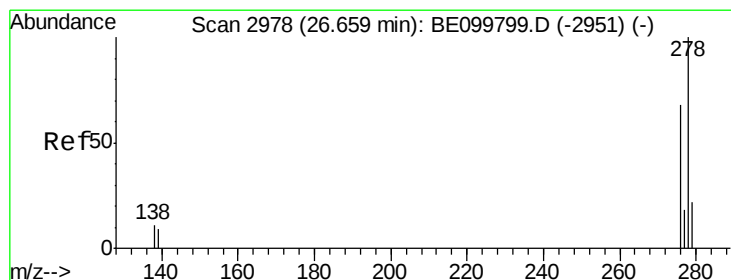
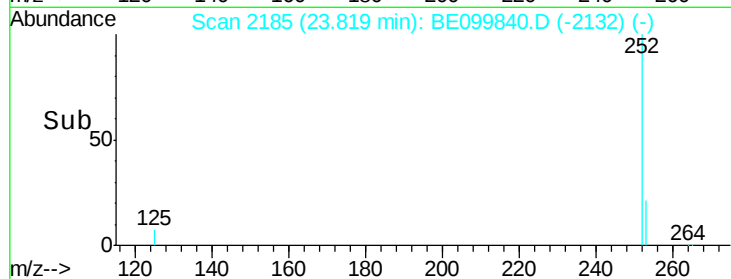
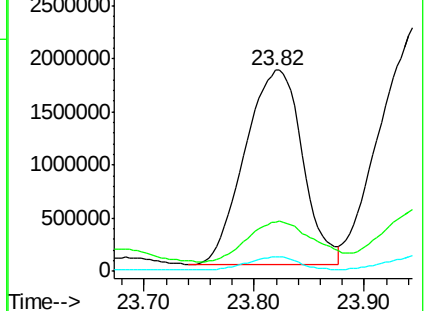
125 7.4 10.2 15.4#



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: 2.338 ng

RT: 26.69 min Scan# 2985

Delta R.T. 0.03 min

Lab File: BE099840.D

Acq: 7 Jun 2019 2:16

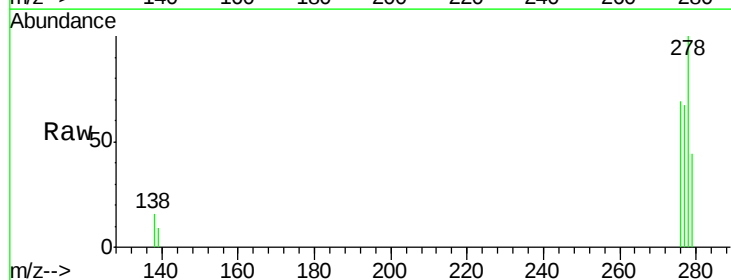
Tgt Ion:278 Resp: 115909

Ion Ratio Lower Upper

278 100

139 9.2 7.9 11.9

279 43.8 18.5 27.7#



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

