

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052319\
 Data File : BE099732.D
 Acq On : 23 May 2019 13:55
 Operator : JU/SJ
 Sample : K2966-06DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-18(2.5-3.0)DL

Quant Time: May 23 15:08:08 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	7.80	152	1167	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	4180	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2918	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	8443	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	12780	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17000	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	65	0.02	ng	-0.01
5) Phenol-d6	6.96	99	128	0.03	ng	-0.01
8) Nitrobenzene-d5	8.96	82	86	0.02	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	89	0.01	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	44	0.16	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	136	0.01	ng	0.00
25) Fluoranthene-d10	19.25	212	805	0.01	ng	-0.01
29) Terphenyl-d14	19.85	244	260	0.01	ng	-0.02

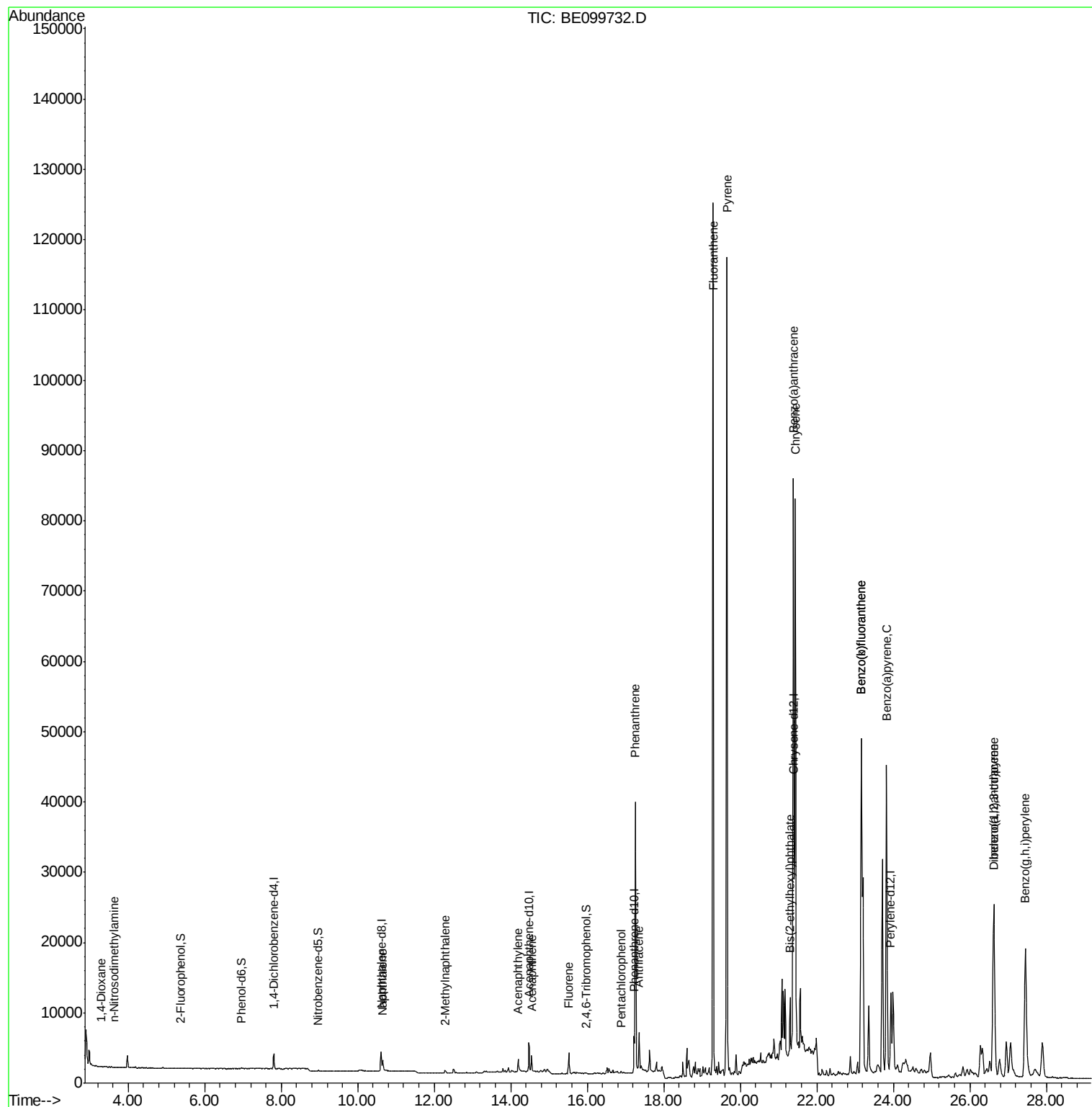
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	76	0.044	ng	# 34
3) n-Nitrosodimethylamine	3.62	42	35	0.037	ng	# 11
9) Naphthalene	10.65	128	2669	0.060	ng	# 91
12) 2-Methylnaphthalene	12.28	142	308	0.042	ng	# 86
16) Acenaphthylene	14.20	152	2600	0.191	ng	98
17) Acenaphthene	14.54	154	1204	0.158	ng	99
18) Fluorene	15.52	166	2371	0.211	ng	94
22) Pentachlorophenol	16.89	266	80	0.234	ng	91
23) Phenanthrene	17.26	178	46629	2.260	ng	100
24) Anthracene	17.35	178	7366	0.394	ng	98
26) Fluoranthene	19.29	202	123271	3.779	ng	99
28) Pyrene	19.65	202	117688	3.665	ng	# 95
30) Benzo(a)anthracene	21.39	228	82415	2.269	ng	98
31) Chrysene	21.44	228	71115	1.832	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	8699	0.208	ng	99
33) Indeno(1,2,3-cd)pyrene	26.62	276	50717	1.082	ng	98
35) Benzo(b)fluoranthene	23.16	252	94795	2.035	ng	99
36) Benzo(k)fluoranthene	23.16	252	94795	1.952	ng	98
37) Benzo(a)pyrene	23.82	252	73499	1.640	ng	99
38) Dibenzo(a,h)anthracene	26.64	278	13255	0.282	ng	# 90
39) Benzo(g,h,i)perylene	27.46	276	50218	1.056	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

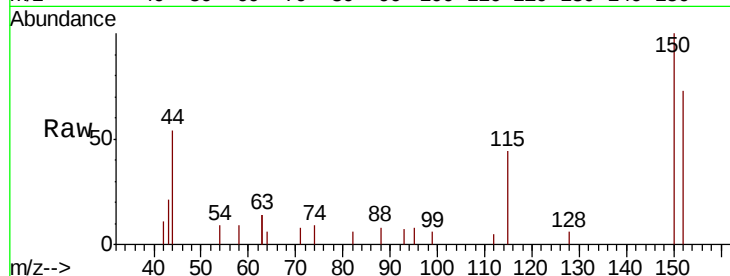
Tot Ion:152 Resp: 1167

Ion Ratio Lower Upper

152 100

150 137.6 109.2 163.8

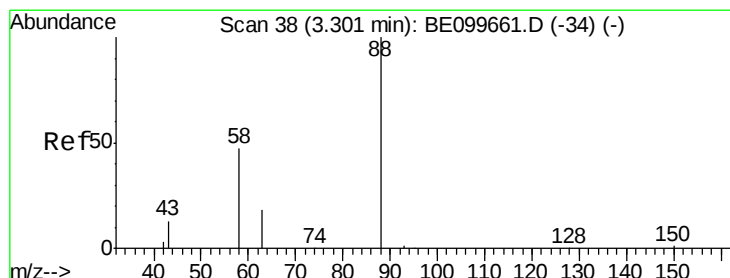
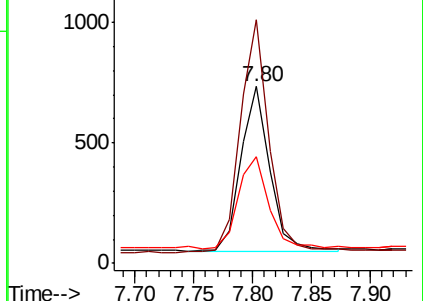
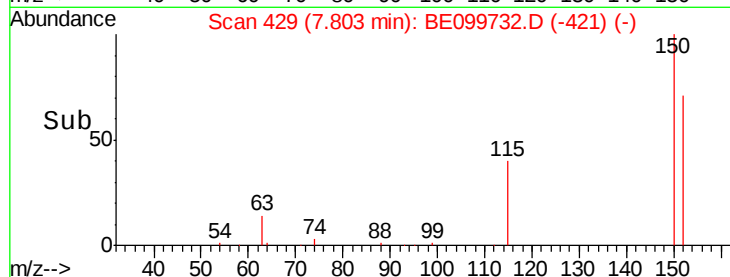
115 60.5 43.7 65.5



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: 0.044 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

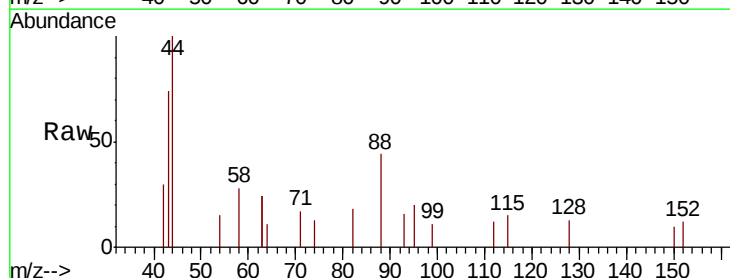
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

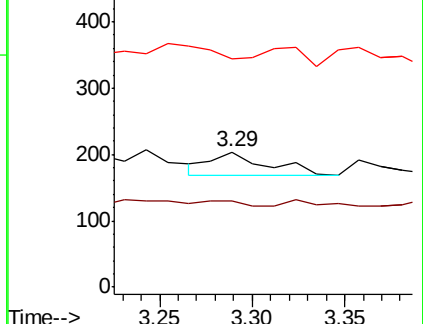
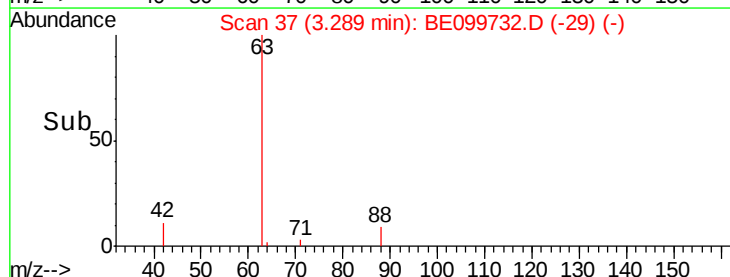
43 0.0 15.0 22.4#



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: 0.037 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

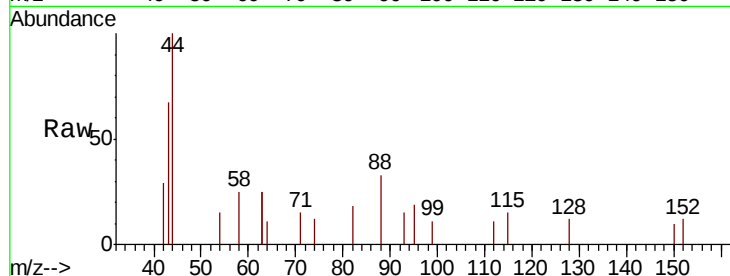
Instrument :

BNA_E

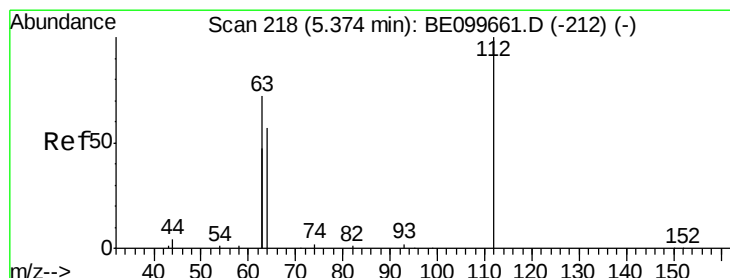
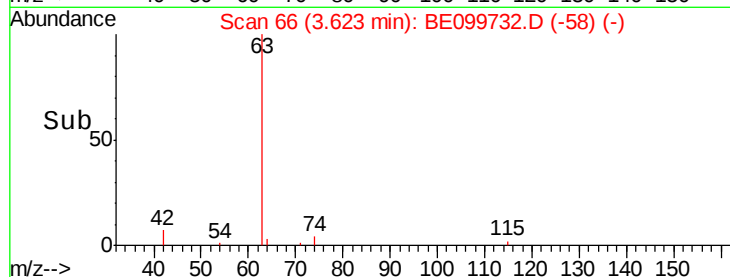
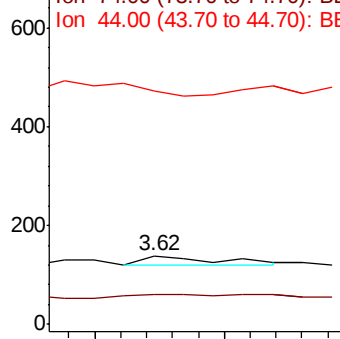
ClientSampleId :

FESB-18(2.5-3.0)DL

Tot Ion:	42	Resp:	35
Ion	Ratio	Lower	Upper
42	100		
74	42.9	129.2	193.8#
44	0.0	0.0	0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.022 ng

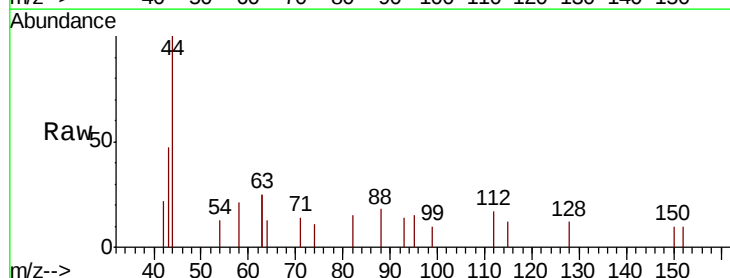
RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

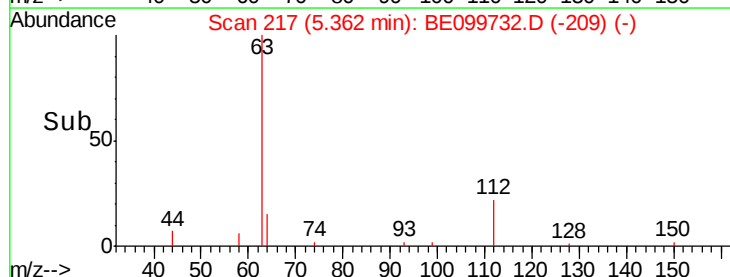
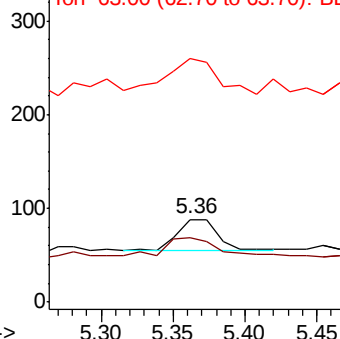
Lab File: BE099732.D

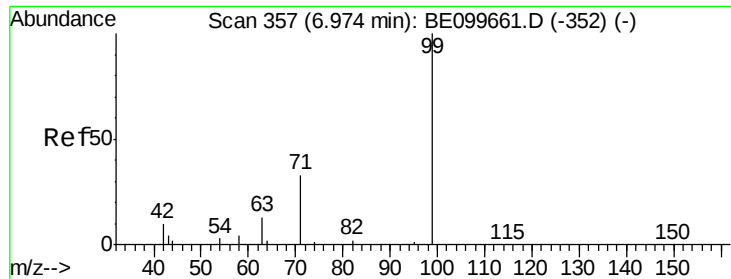
Acq: 23 May 2019 13:55

Tgt Ion:	112	Resp:	65
Ion	Ratio	Lower	Upper
112	100		
64	86.2	43.4	65.2#
63	144.6	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: 0.033 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

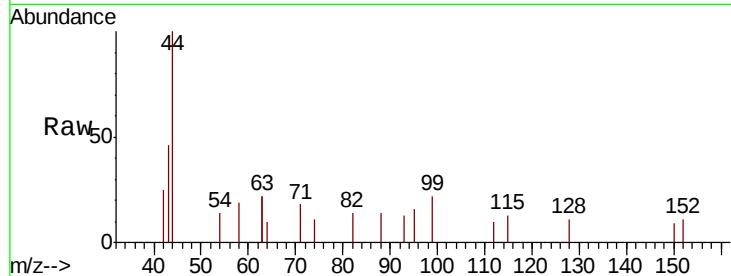
Tot Ion: 99 Resp: 128

Ion Ratio Lower Upper

99 100

42 35.9 12.2 18.2#

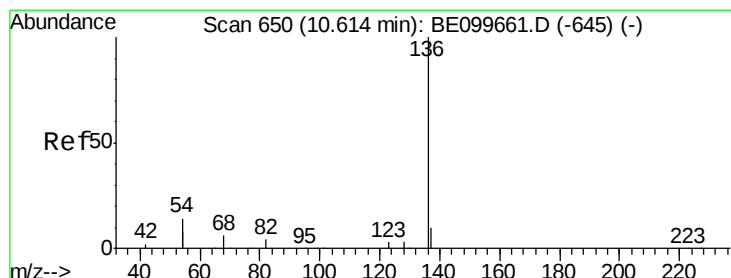
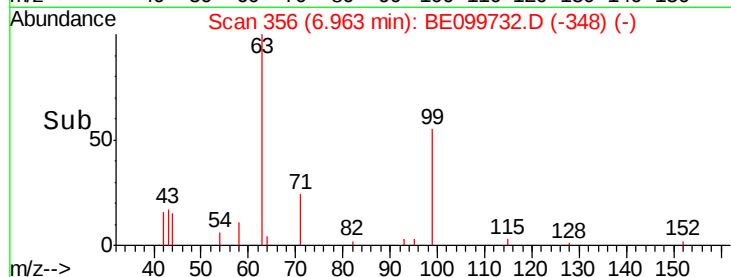
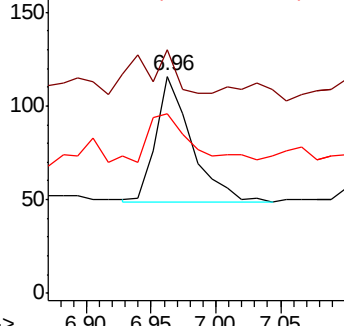
71 46.9 28.9 43.3#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Tgt Ion: 136 Resp: 4180

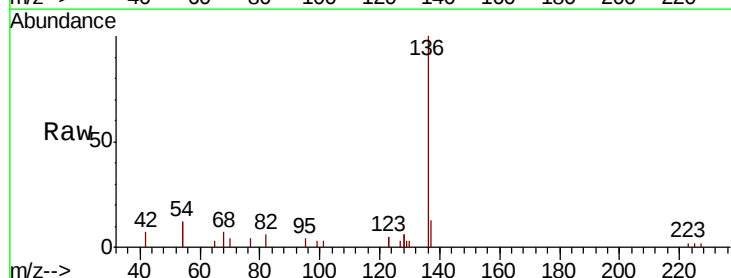
Ion Ratio Lower Upper

136 100

137 13.0 9.0 13.6

54 24.5 22.3 33.5

68 7.2 6.0 9.0

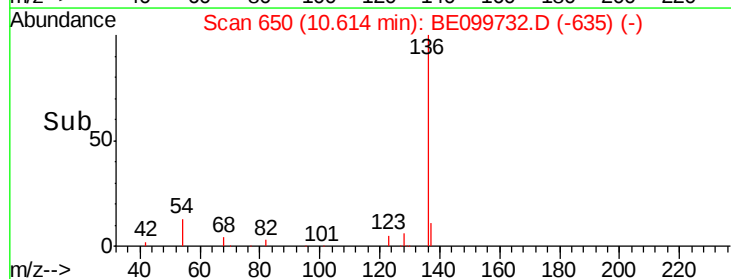
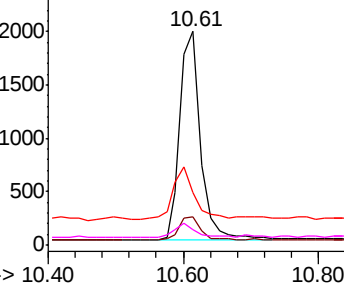


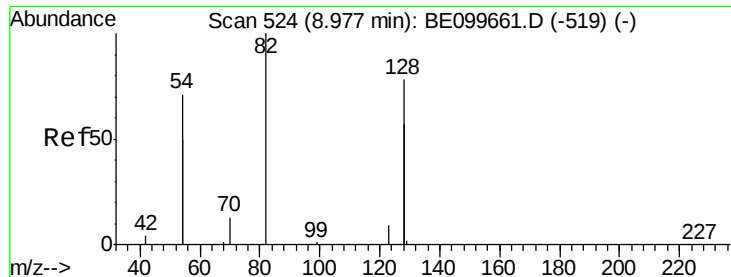
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.024 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

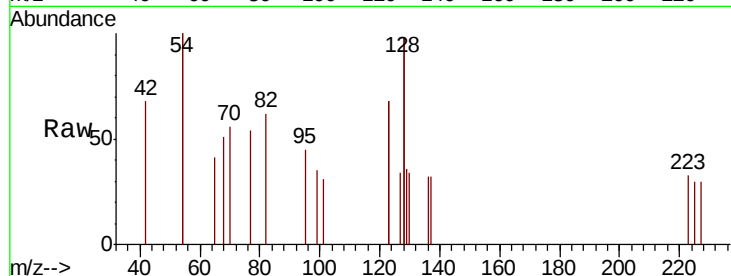
Tot Ion: 82 Resp: 86

Ion Ratio Lower Upper

82 100

128 314.9 117.7 176.5#

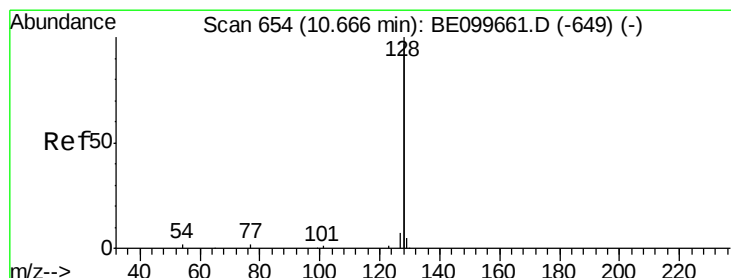
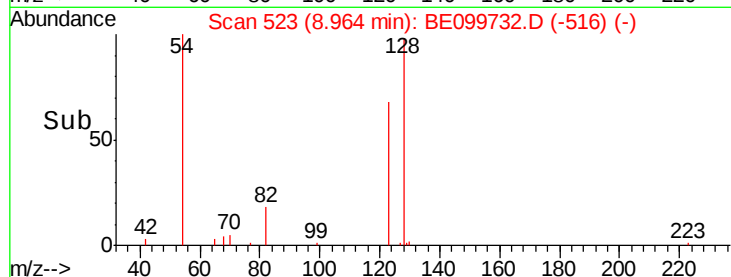
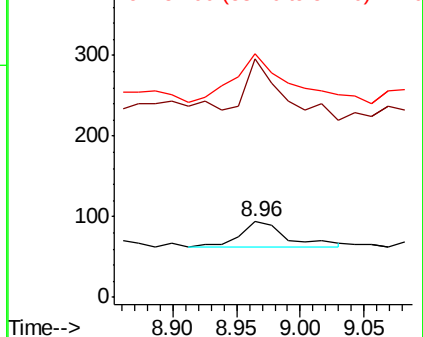
54 321.3 106.6 160.0#



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: 0.060 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

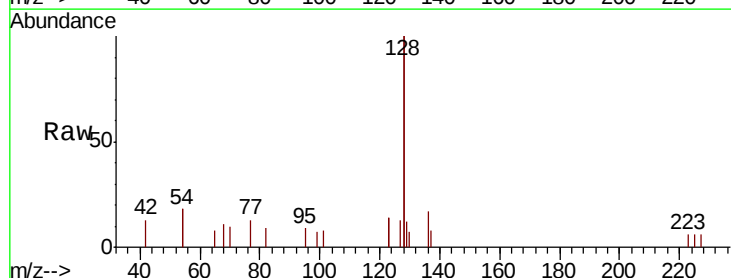
Tgt Ion:128 Resp: 2669

Ion Ratio Lower Upper

128 100

129 6.1 2.4 3.6#

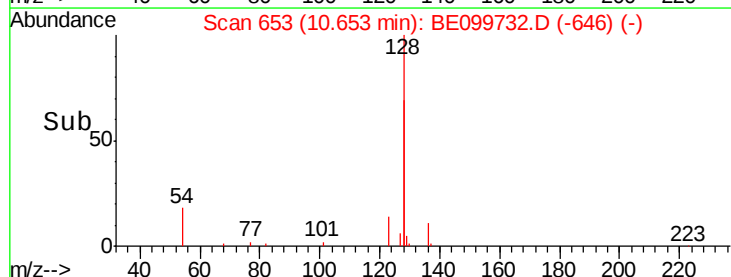
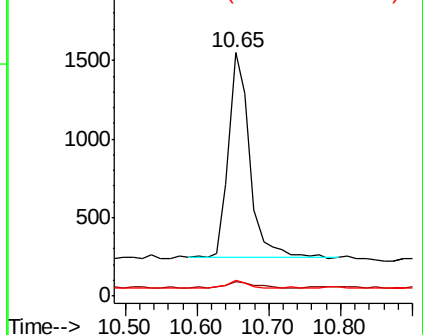
127 6.5 2.9 4.3#

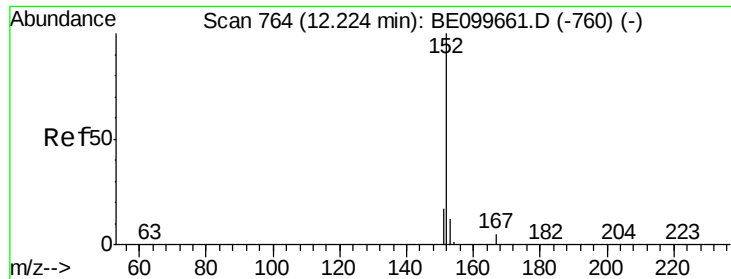


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

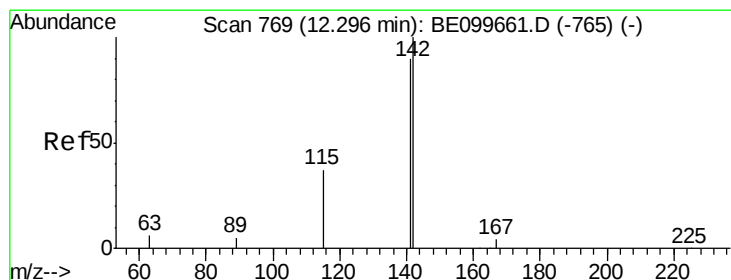
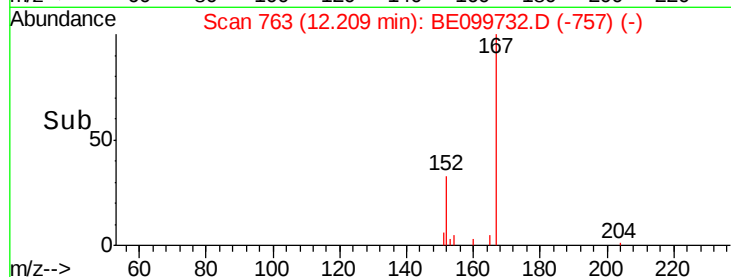
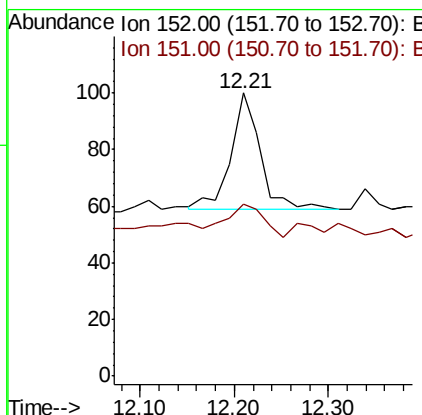
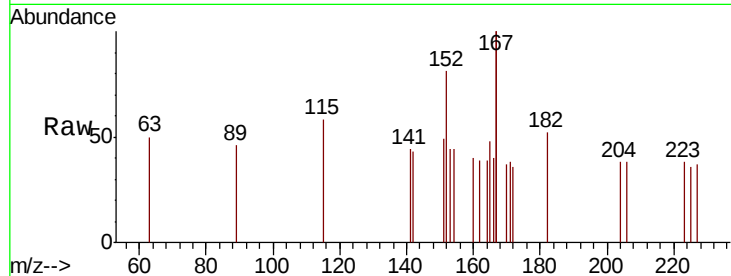




#11
2-Methylnaphthalene-d10
Concen: 0.012 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099732.D
Acq: 23 May 2019 13:55

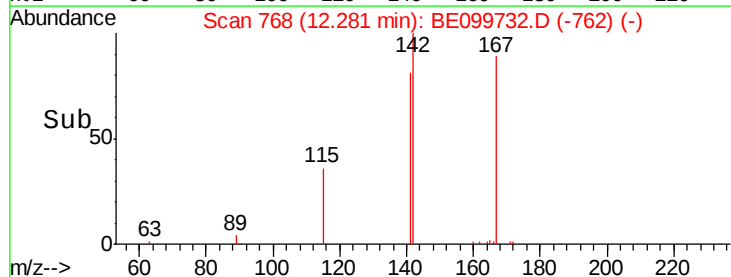
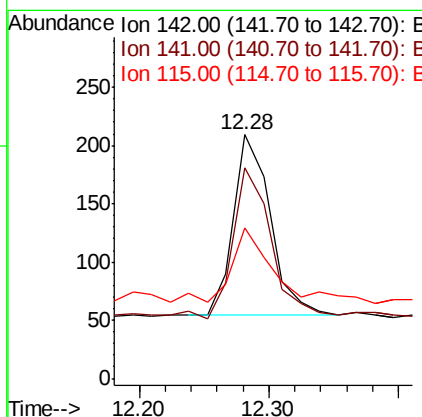
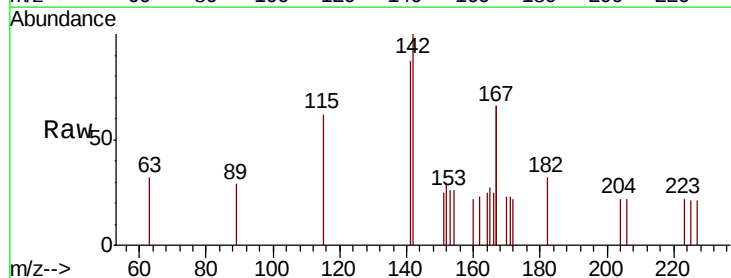
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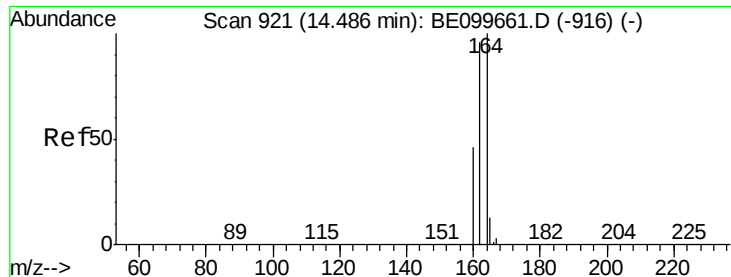
Tot Ion:152 Resp: 89
Ion Ratio Lower Upper
152 100
151 37.1 15.0 22.4#



#12
2-Methylnaphthalene
Concen: 0.042 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099732.D
Acq: 23 May 2019 13:55

Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
141 86.6 72.0 108.0
115 61.7 31.0 46.4#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

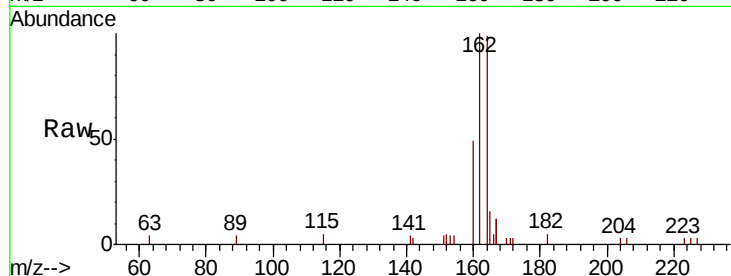
Tot Ion:164 Resp: 2918

Ion Ratio Lower Upper

164 100

162 101.5 76.5 114.7

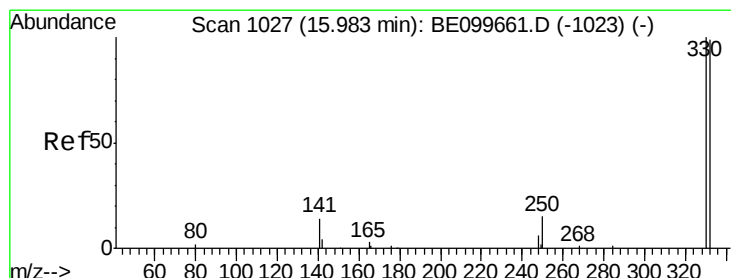
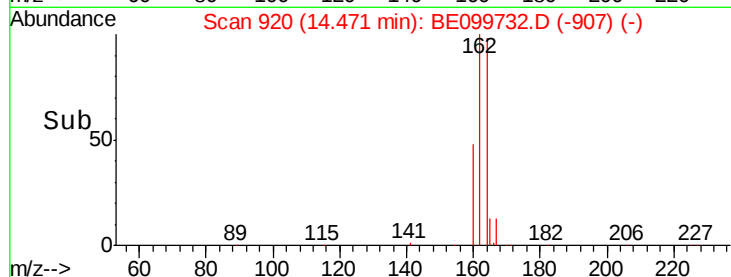
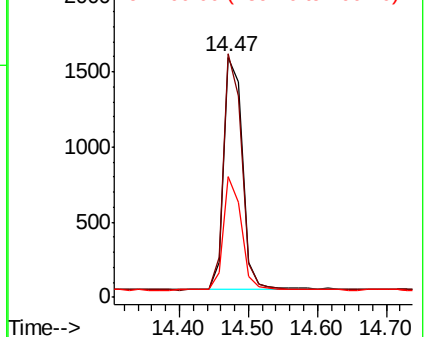
160 50.1 37.4 56.2



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: 0.163 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

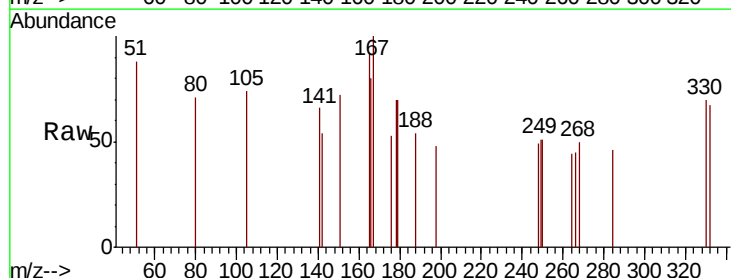
Tgt Ion:330 Resp: 44

Ion Ratio Lower Upper

330 100

332 88.6 77.3 115.9

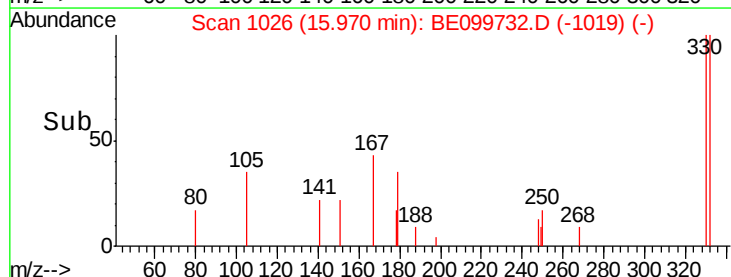
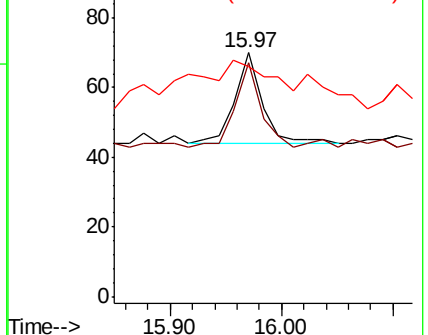
141 88.6 18.9 28.3#

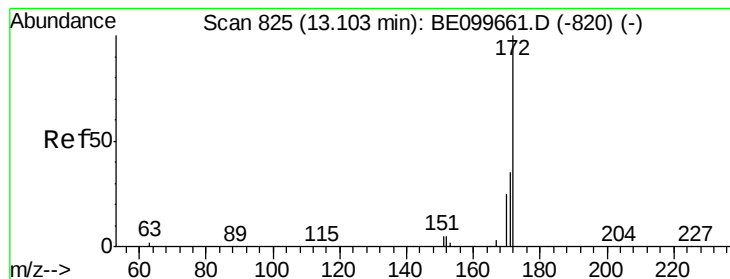


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

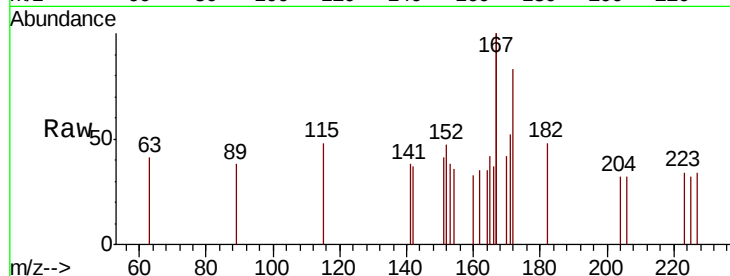




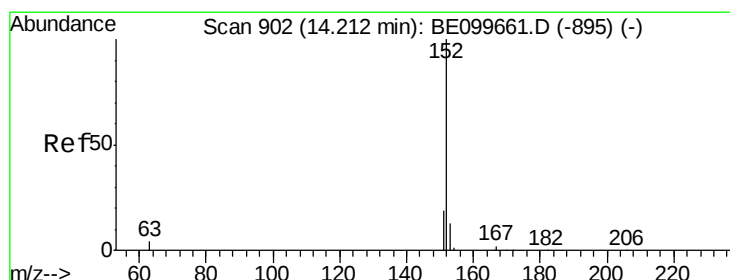
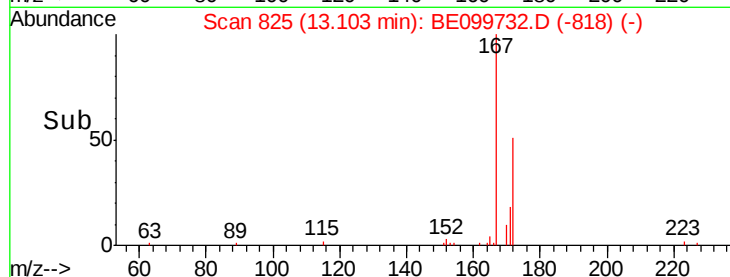
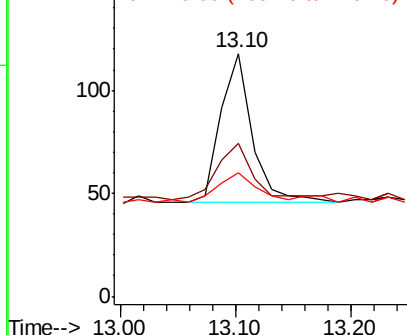
#15
2-Fluorobiphenyl
Concen: 0.012 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099732.D
Acq: 23 May 2019 13:55

Instrument :
BNA_E
ClientSampleId :
FESB-18(2.5-3.0)DL

Tot Ion:172 Resp: 136
Ion Ratio Lower Upper
172 100
171 62.7 28.7 43.1#
170 50.8 20.9 31.3#

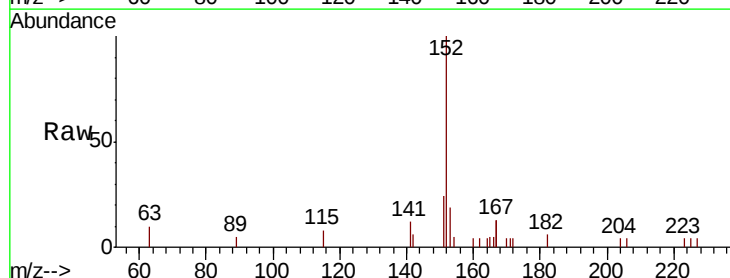


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

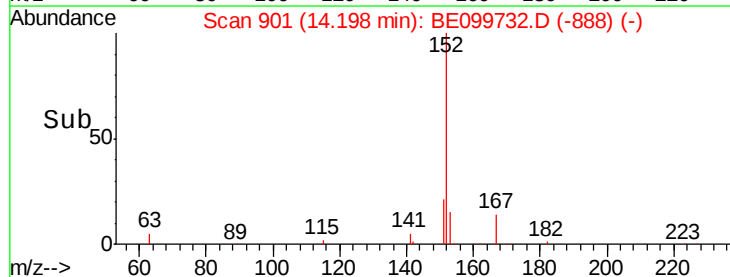
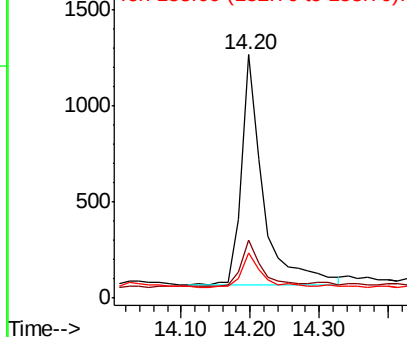


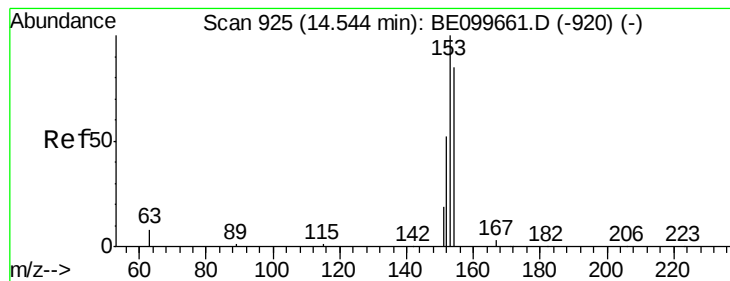
#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099732.D
Acq: 23 May 2019 13:55

Tgt Ion:152 Resp: 2600
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 14.2 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: 0.158 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

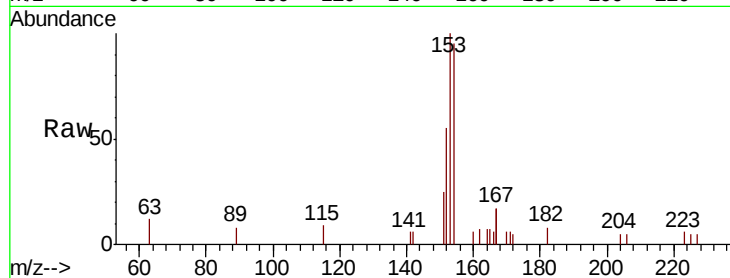
Tot Ion:154 Resp: 1204

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

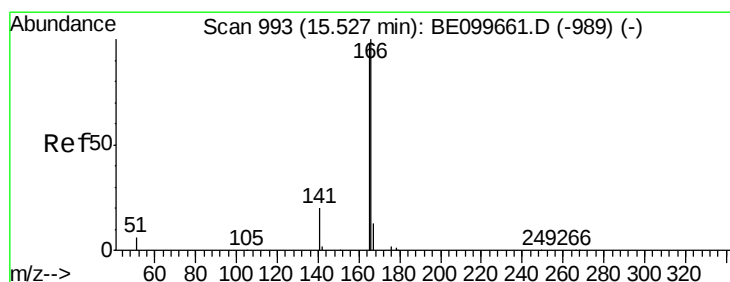
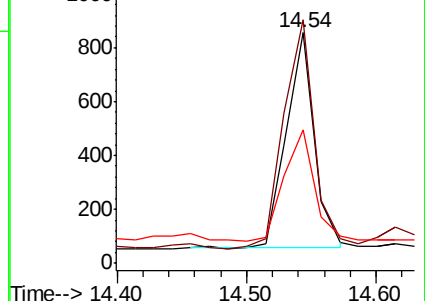
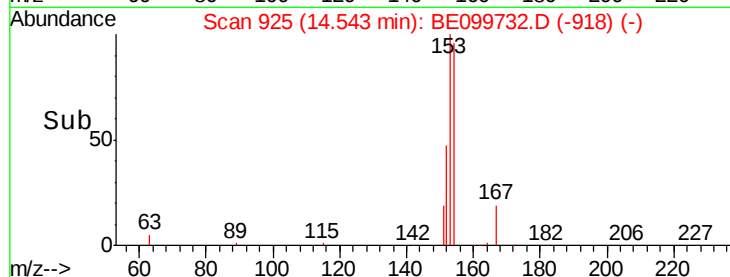
152 55.6 46.0 69.0



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: 0.211 ng

RT: 15.52 min Scan# 992

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

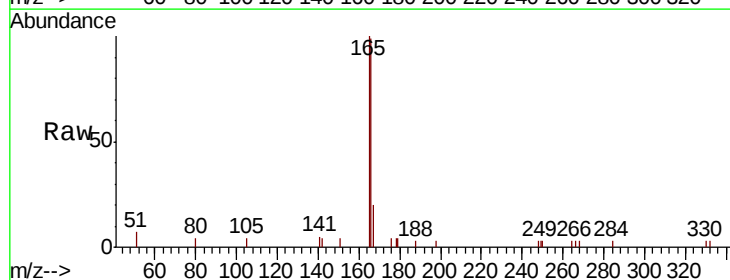
Tgt Ion:166 Resp: 2371

Ion Ratio Lower Upper

166 100

165 106.8 80.3 120.5

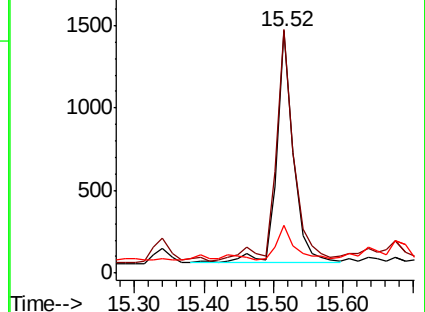
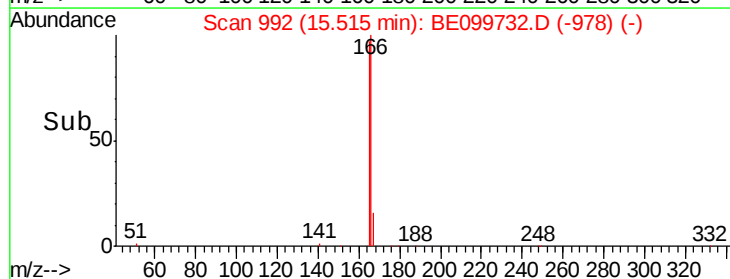
167 15.0 10.6 16.0

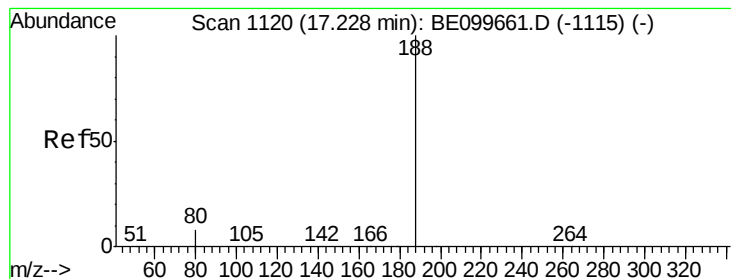


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

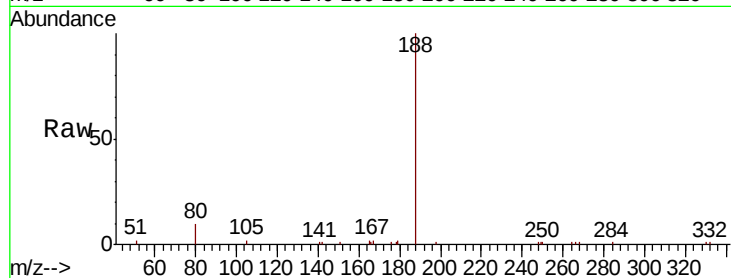
Tot Ion:188 Resp: 8443

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

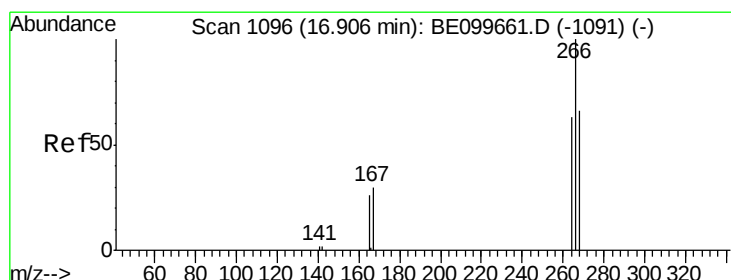
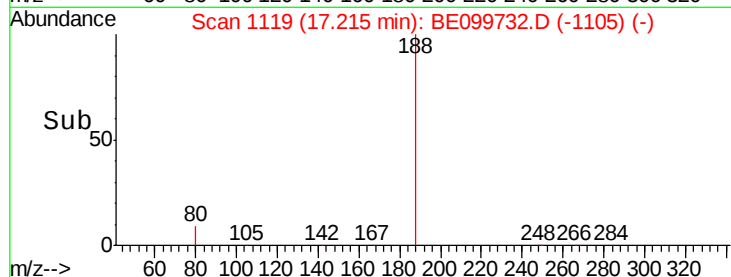
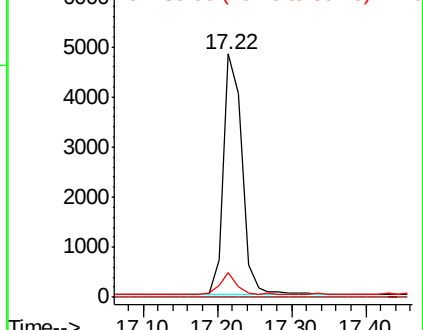
80 10.0 6.7 10.1



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



#22

Pentachlorophenol

Concen: 0.234 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

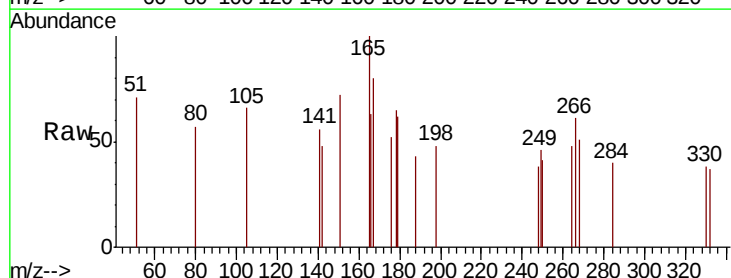
Tgt Ion:266 Resp: 80

Ion Ratio Lower Upper

266 100

264 78.1 57.2 85.8

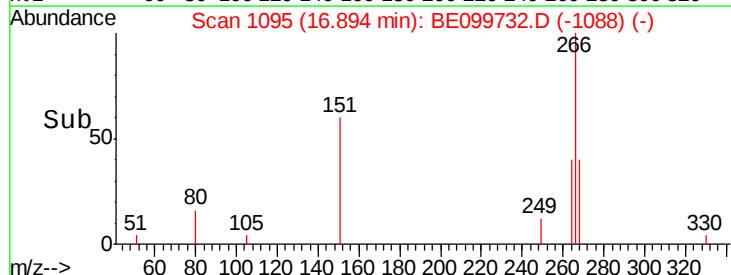
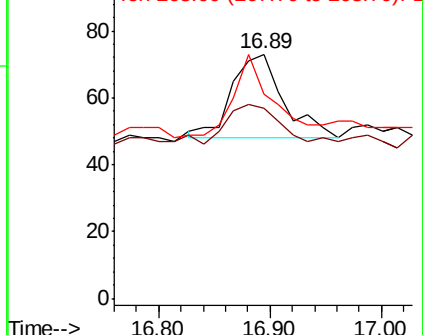
268 83.6 60.5 90.7

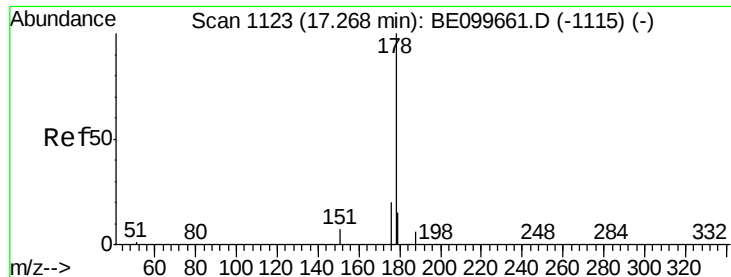


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.260 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

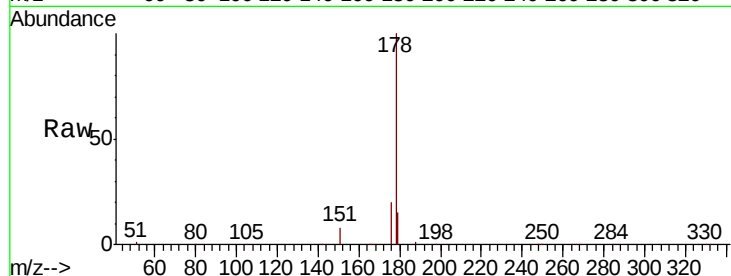
Tot Ion:178 Resp: 46629

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

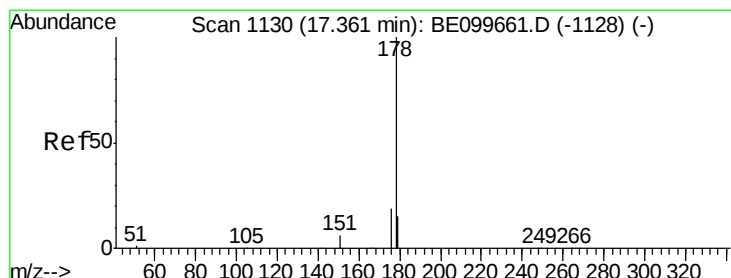
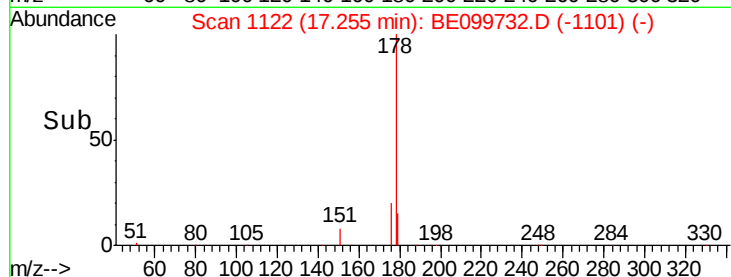
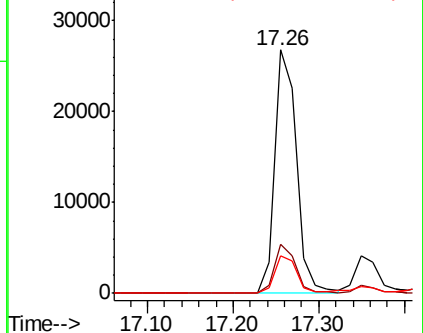
179 15.5 12.2 18.4



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: 0.394 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

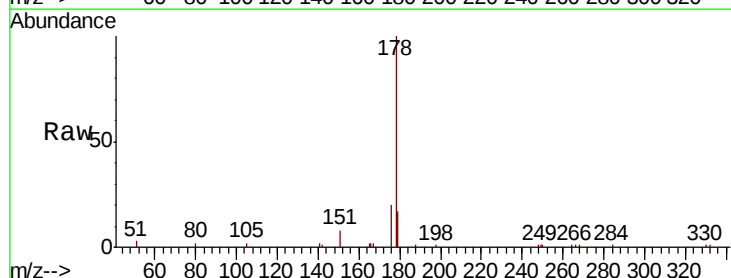
Tgt Ion:178 Resp: 7366

Ion Ratio Lower Upper

178 100

176 17.6 14.7 22.1

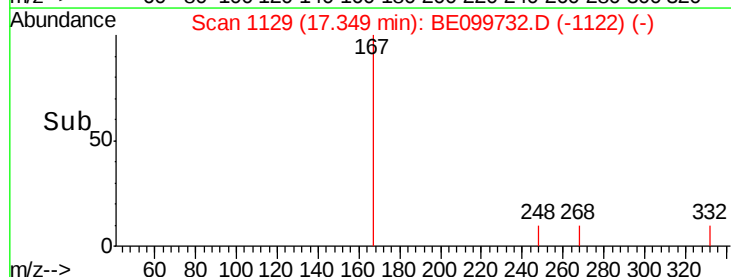
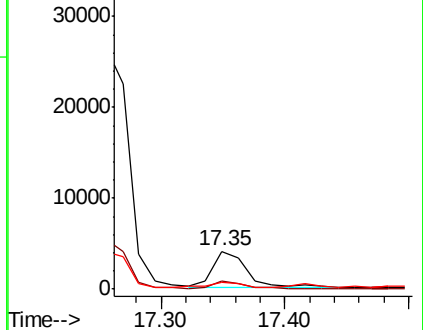
179 14.1 12.0 18.0

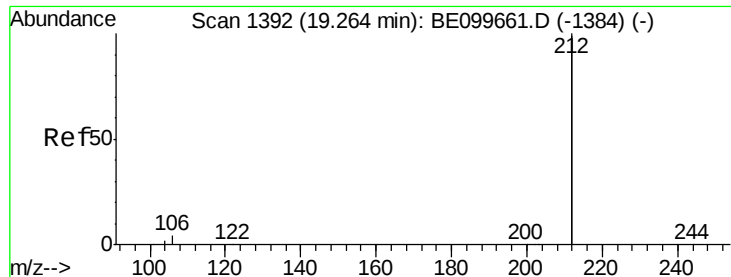


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.007 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

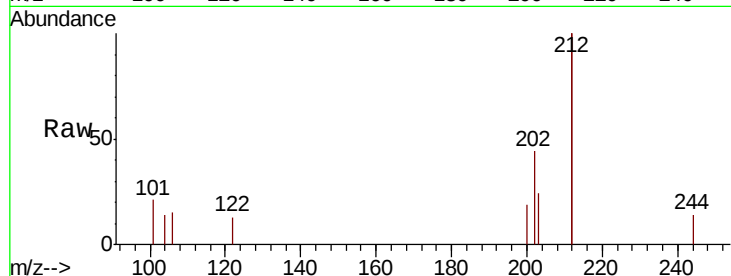
Tot Ion:212 Resp: 805

Ion Ratio Lower Upper

212 100

106 2.9 1.4 2.2#

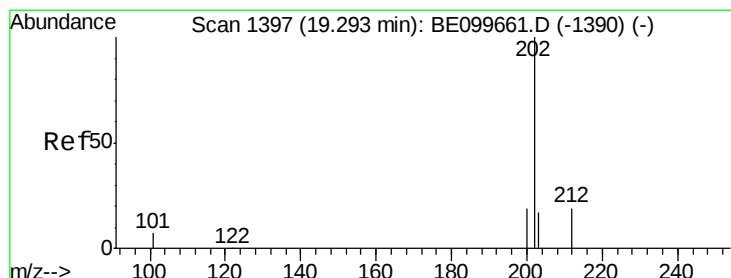
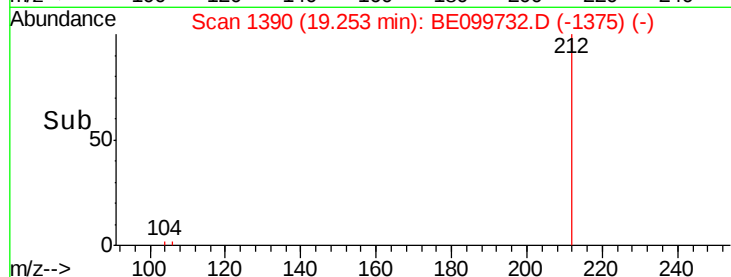
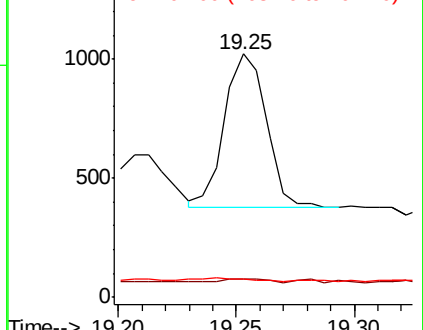
104 2.4 0.8 1.2#



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: 3.779 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

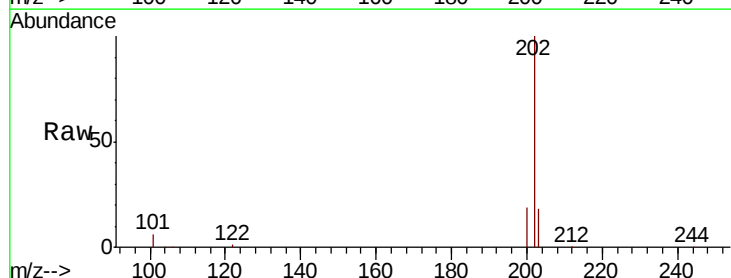
Tgt Ion:202 Resp: 123271

Ion Ratio Lower Upper

202 100

101 6.7 5.2 7.8

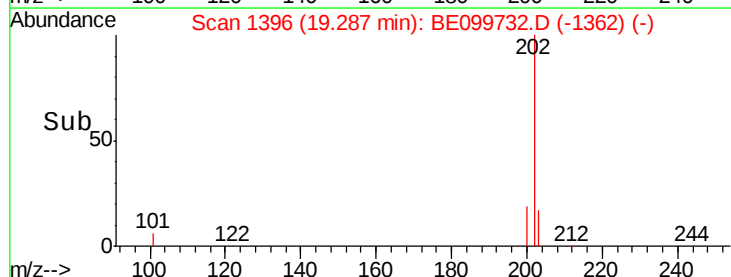
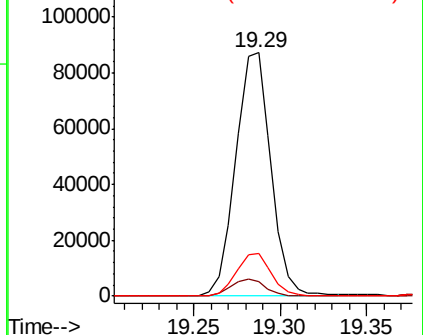
203 17.4 13.8 20.6

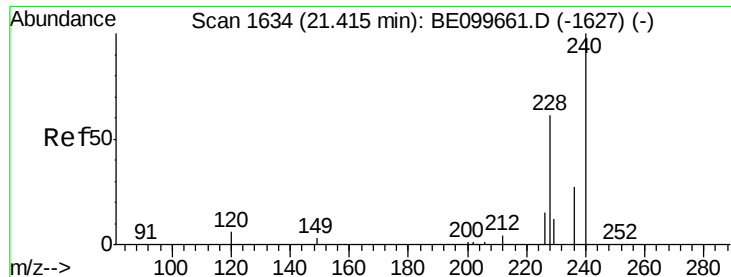


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

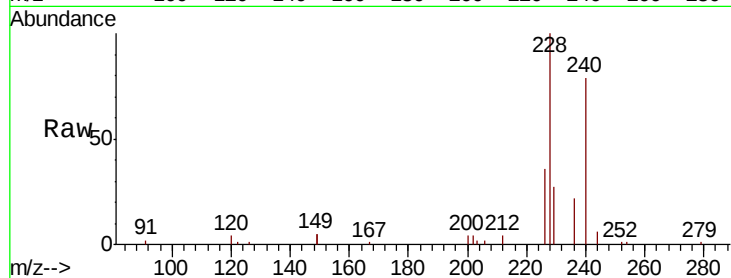
Tot Ion:240 Resp: 12780

Ion Ratio Lower Upper

240 100

120 5.1 5.4 8.0#

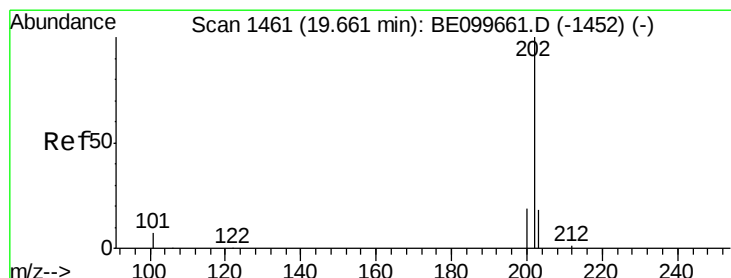
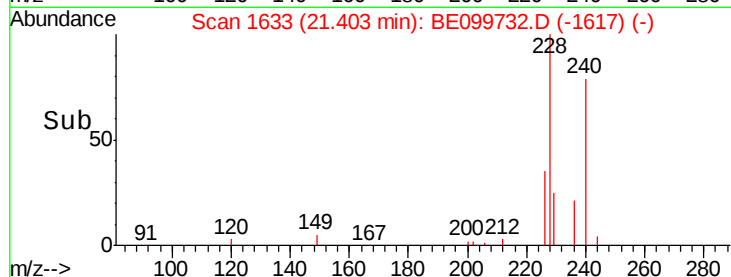
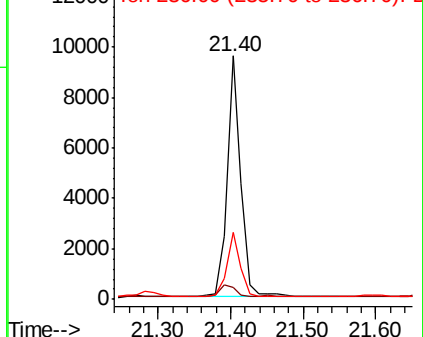
236 27.7 21.7 32.5



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: 3.665 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

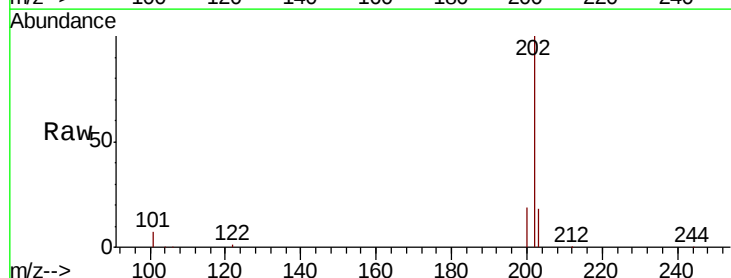
Tgt Ion:202 Resp: 117688

Ion Ratio Lower Upper

202 100

200 19.7 15.4 23.2

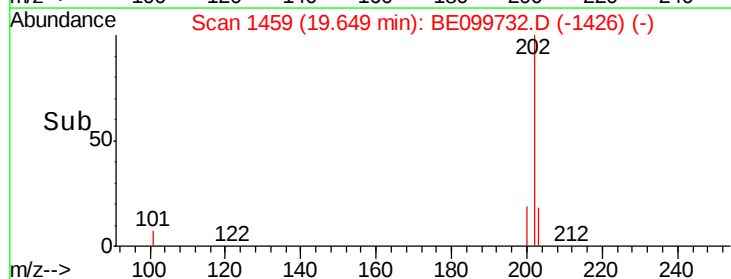
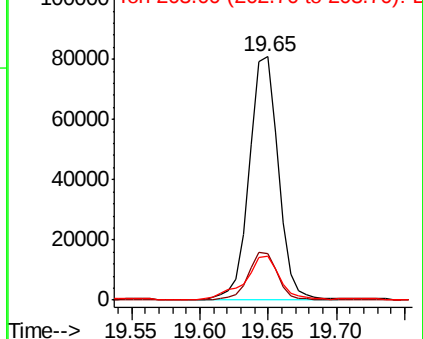
203 21.7 13.8 20.8#

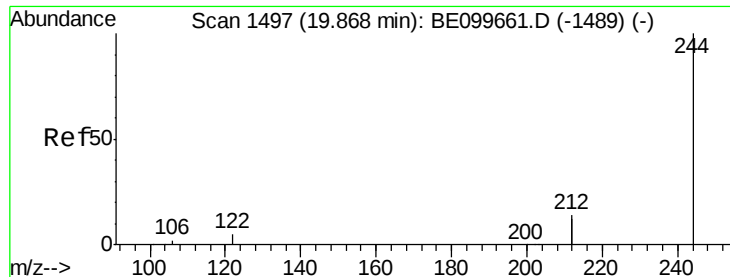


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.011 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

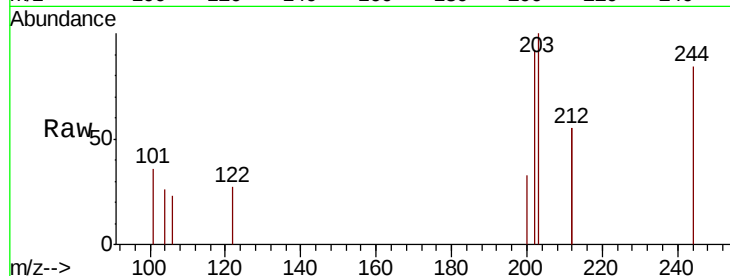
Tot Ion:244 Resp: 260

Ion Ratio Lower Upper

244 100

212 131.8 22.5 33.7#

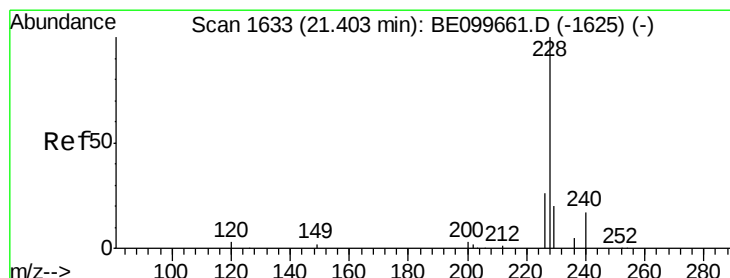
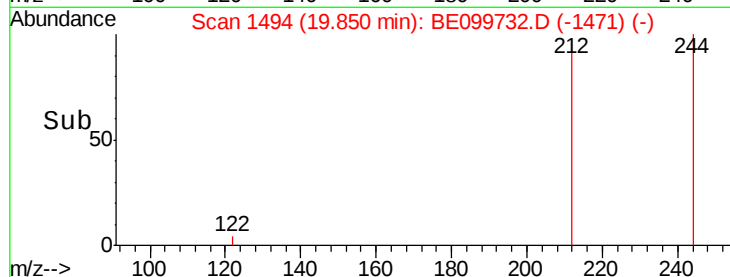
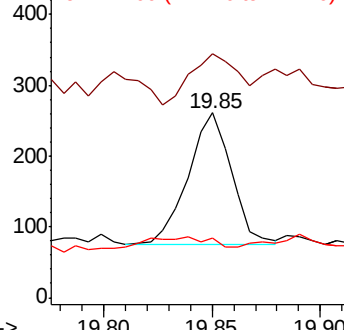
122 32.6 4.3 6.5#



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: 2.269 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

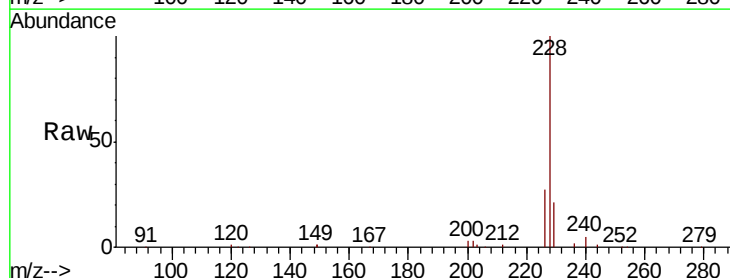
Tgt Ion:228 Resp: 82415

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

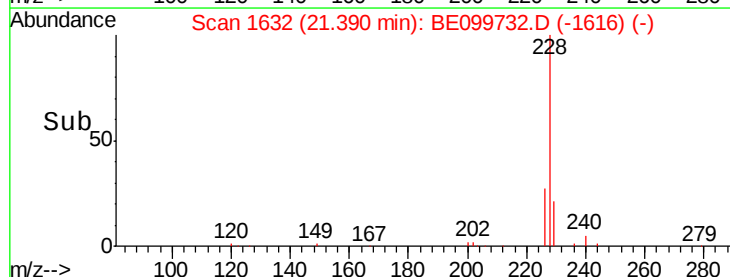
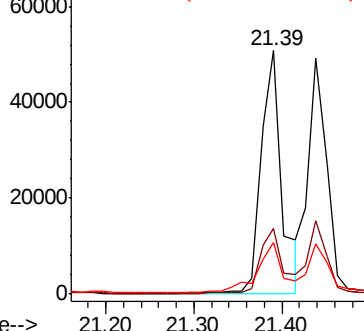
229 21.4 16.1 24.1

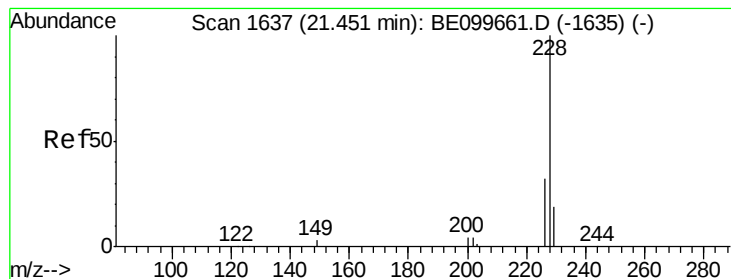


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.832 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

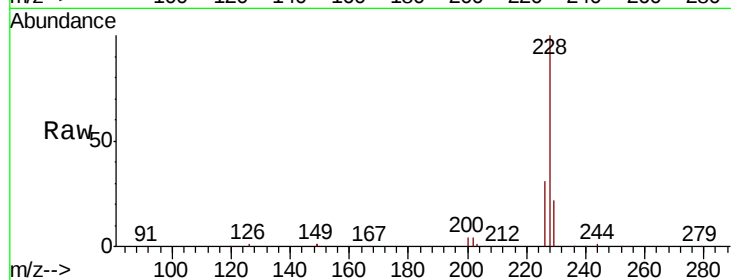
Tot Ion:228 Resp: 71115

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

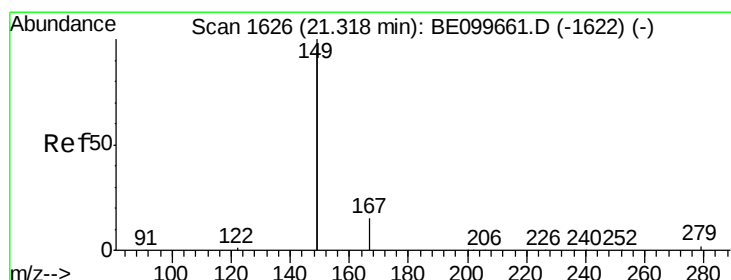
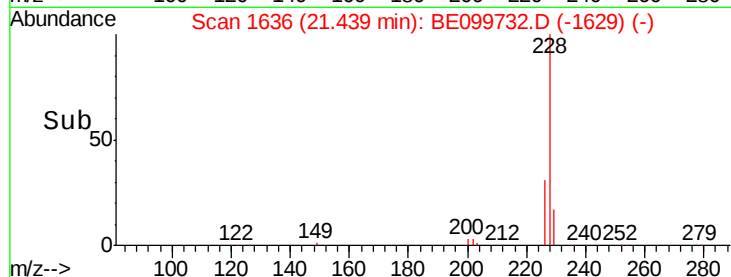
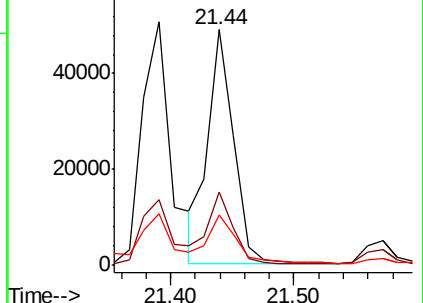
229 21.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.208 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

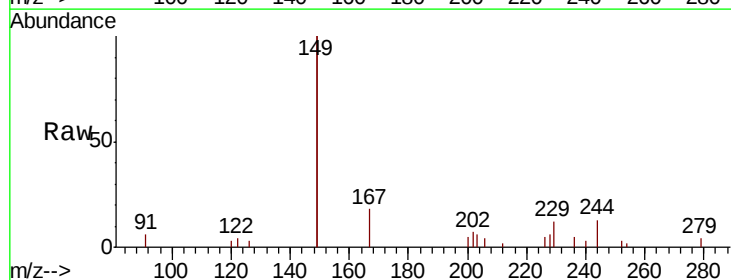
Tgt Ion:149 Resp: 8699

Ion Ratio Lower Upper

149 100

167 8.2 6.2 9.4

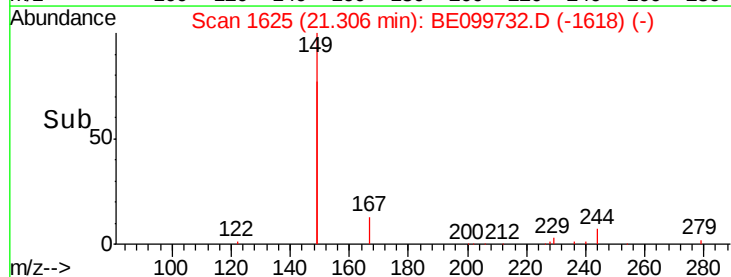
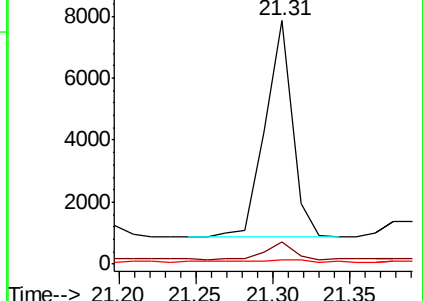
279 1.6 1.2 1.8

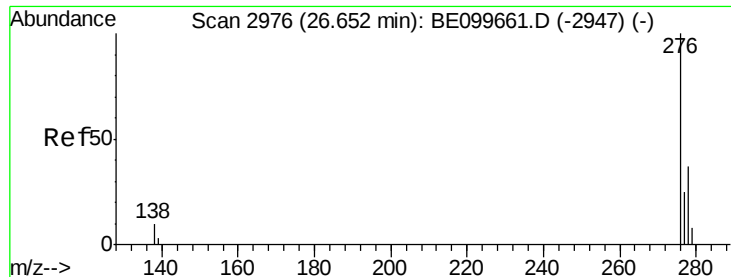


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

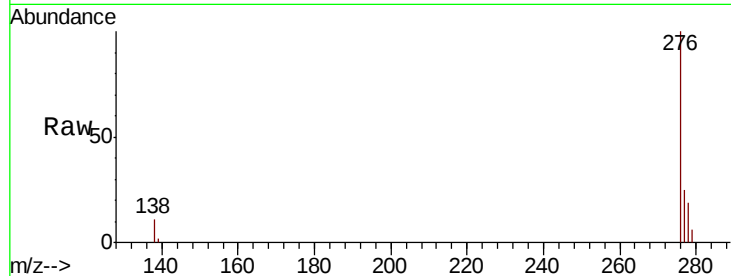




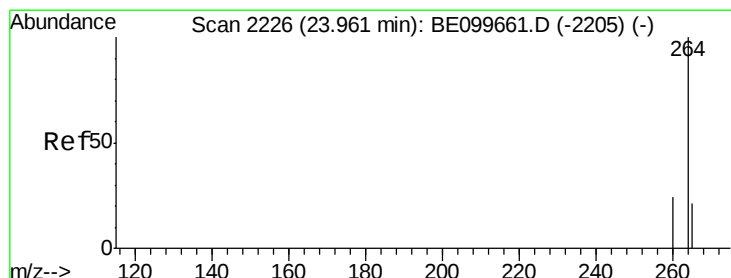
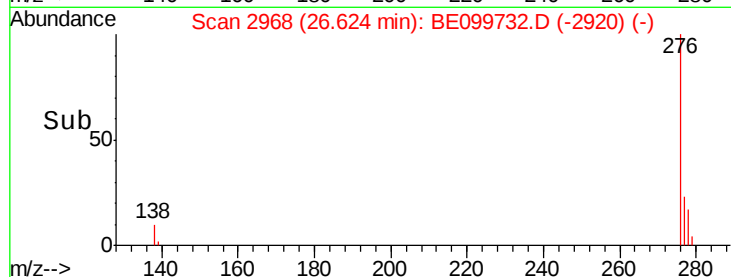
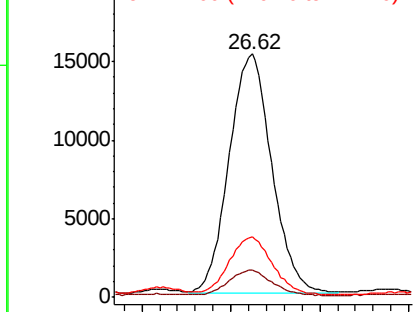
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.082 ng
RT: 26.62 min Scan# 2968
Delta R.T. -0.03 min
Lab File: BE099732.D
Acq: 23 May 2019 13:55

Instrument :
BNA_E
ClientSampleId :
FESB-18(2.5-3.0)DL

Tot Ion:276 Resp: 50717
Ion Ratio Lower Upper
276 100
138 10.4 9.6 14.4
277 24.5 19.2 28.8

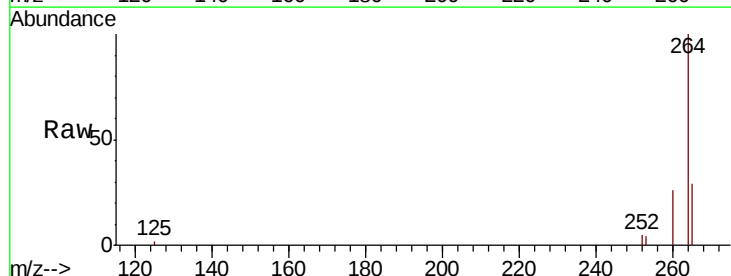


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

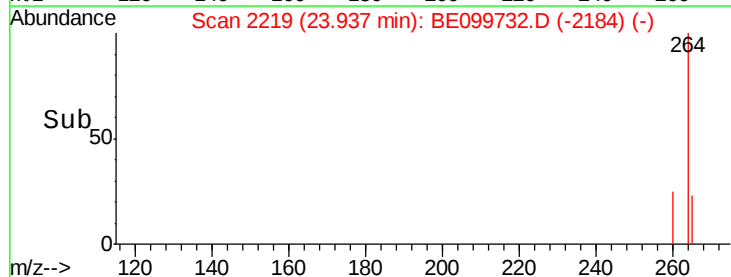
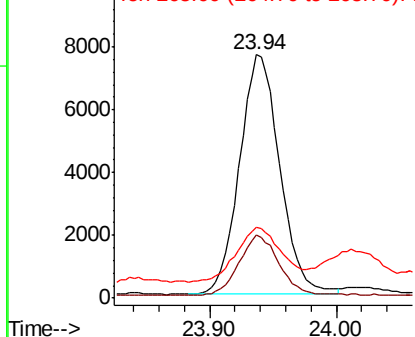


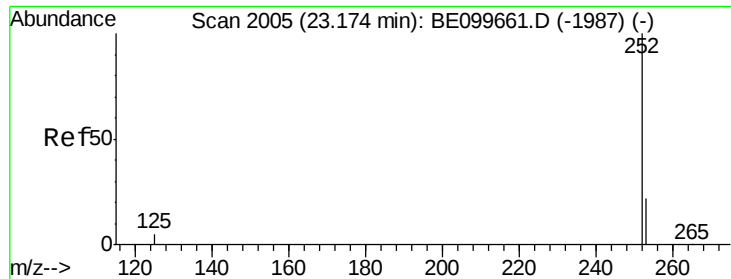
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BE099732.D
Acq: 23 May 2019 13:55

Tgt Ion:264 Resp: 17000
Ion Ratio Lower Upper
264 100
260 25.9 19.6 29.4
265 28.9 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: 2.035 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.01 min

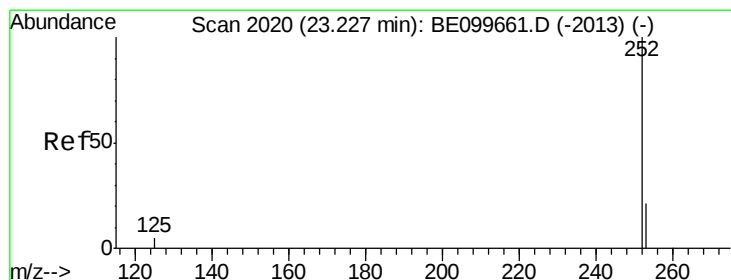
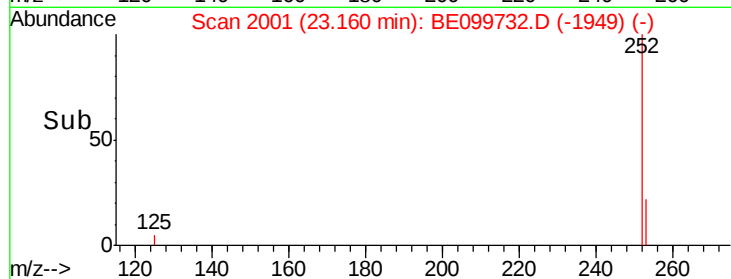
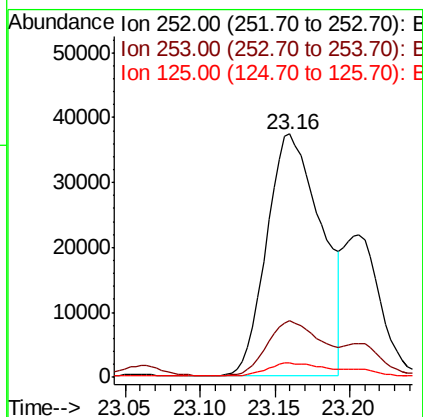
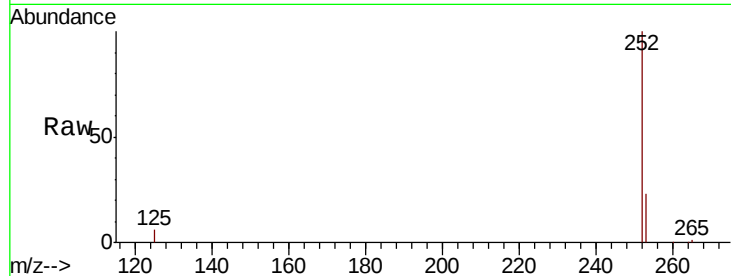
Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :
BNA_E
ClientSampleId :
FESB-18(2.5-3.0)DL

Tot Ion:252 Resp: 94795

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	5.8	4.5	6.7



#36

Benzo(k)fluoranthene

Concen: 1.952 ng

RT: 23.16 min Scan# 2001

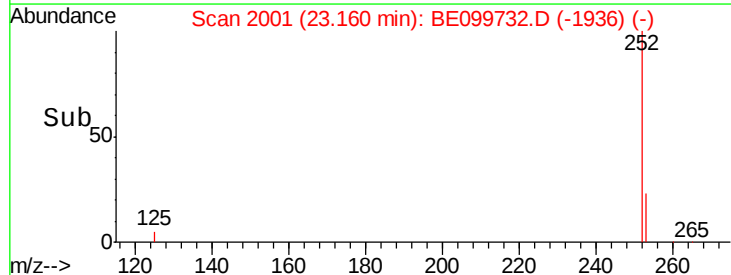
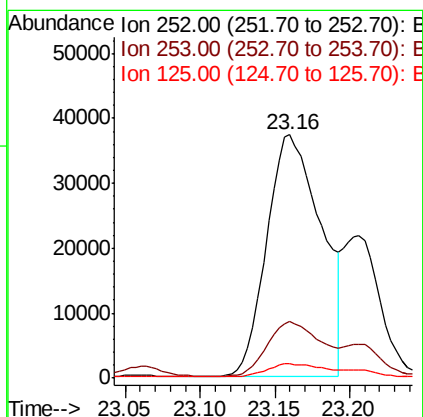
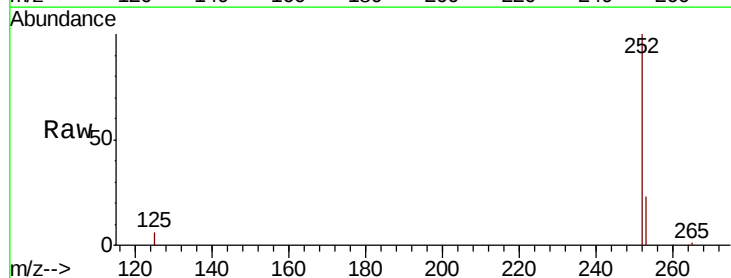
Delta R.T. -0.07 min

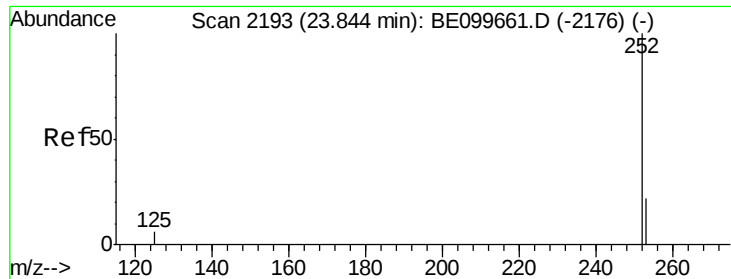
Lab File: BE099732.D

Acq: 23 May 2019 13:55

Tgt Ion:252 Resp: 94795

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	5.8	4.6	6.8





#37

Benzo(a)pyrene

Concen: 1.640 ng

RT: 23.82 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

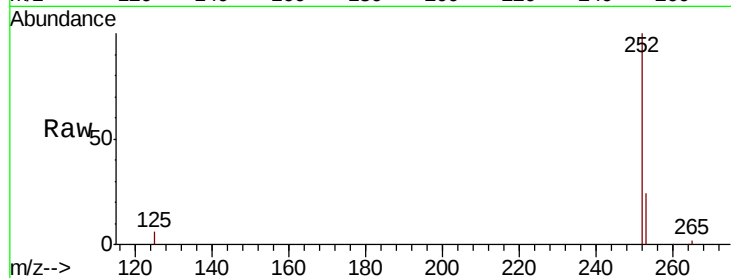
Tot Ion:252 Resp: 73499

Ion Ratio Lower Upper

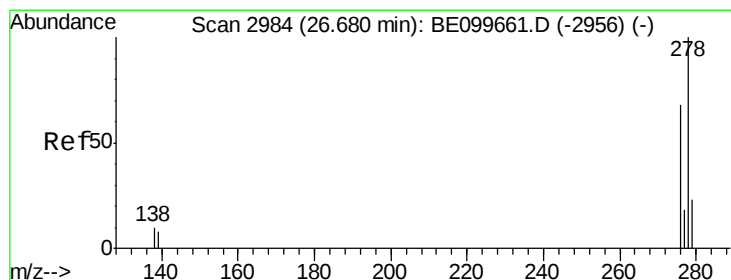
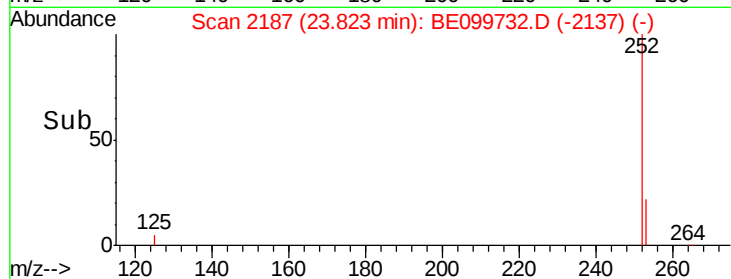
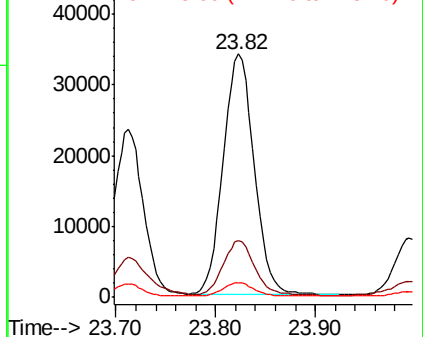
252 100

253 23.5 18.9 28.3

125 5.8 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: 0.282 ng

RT: 26.64 min Scan# 2972

Delta R.T. -0.04 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

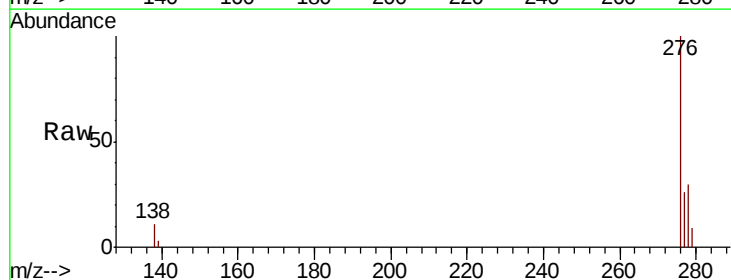
Tgt Ion:278 Resp: 13255

Ion Ratio Lower Upper

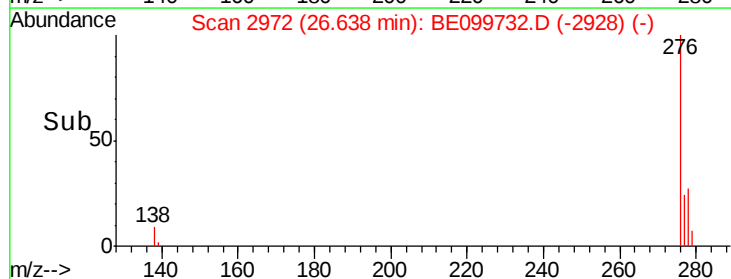
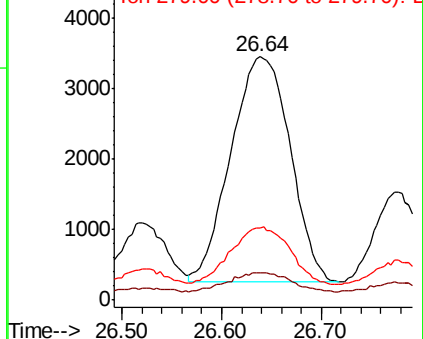
278 100

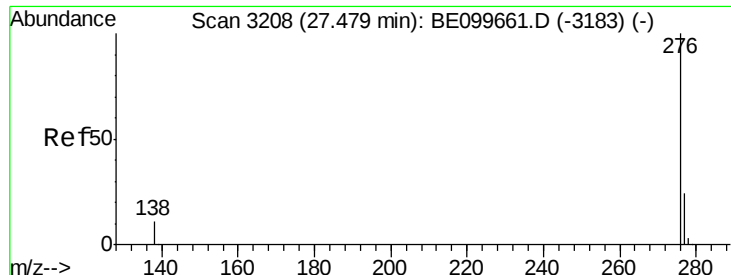
139 11.0 6.9 10.3#

279 29.8 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(a,h,i)perylene

Concen: 1.056 ng

RT: 27.46 min Scan# 3201

Delta R.T. -0.02 min

Lab File: BE099732.D

Acq: 23 May 2019 13:55

Instrument :

BNA_E

ClientSampleId :

FESB-18(2.5-3.0)DL

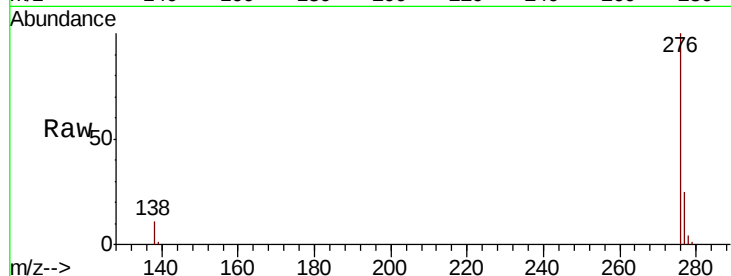
Tot Ion:276 Resp: 50218

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.6

138 10.9 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

