

Data File : BE099702.D
Acq On : 21 May 2019 22:57
Operator : JU/SJ
Sample : K2944-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-5(4.5-5)

Quant Time: May 22 08:18:26 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	7.82	152	1445	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5378	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4079	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11802	0.40	ng	0.00
27) Chrysene-d12	21.41	240	20291	0.40	ng	0.00
34) Perylene-d12	23.95	264	23698	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1216	0.33	ng	0.00
5) Phenol-d6	6.97	99	1757	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	1397	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2433	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	737	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3494	0.23	ng	0.00
25) Fluoranthene-d10	19.26	212	35631	0.22	ng	0.00
29) Terphenyl-d14	19.86	244	8145	0.22	ng	-0.01

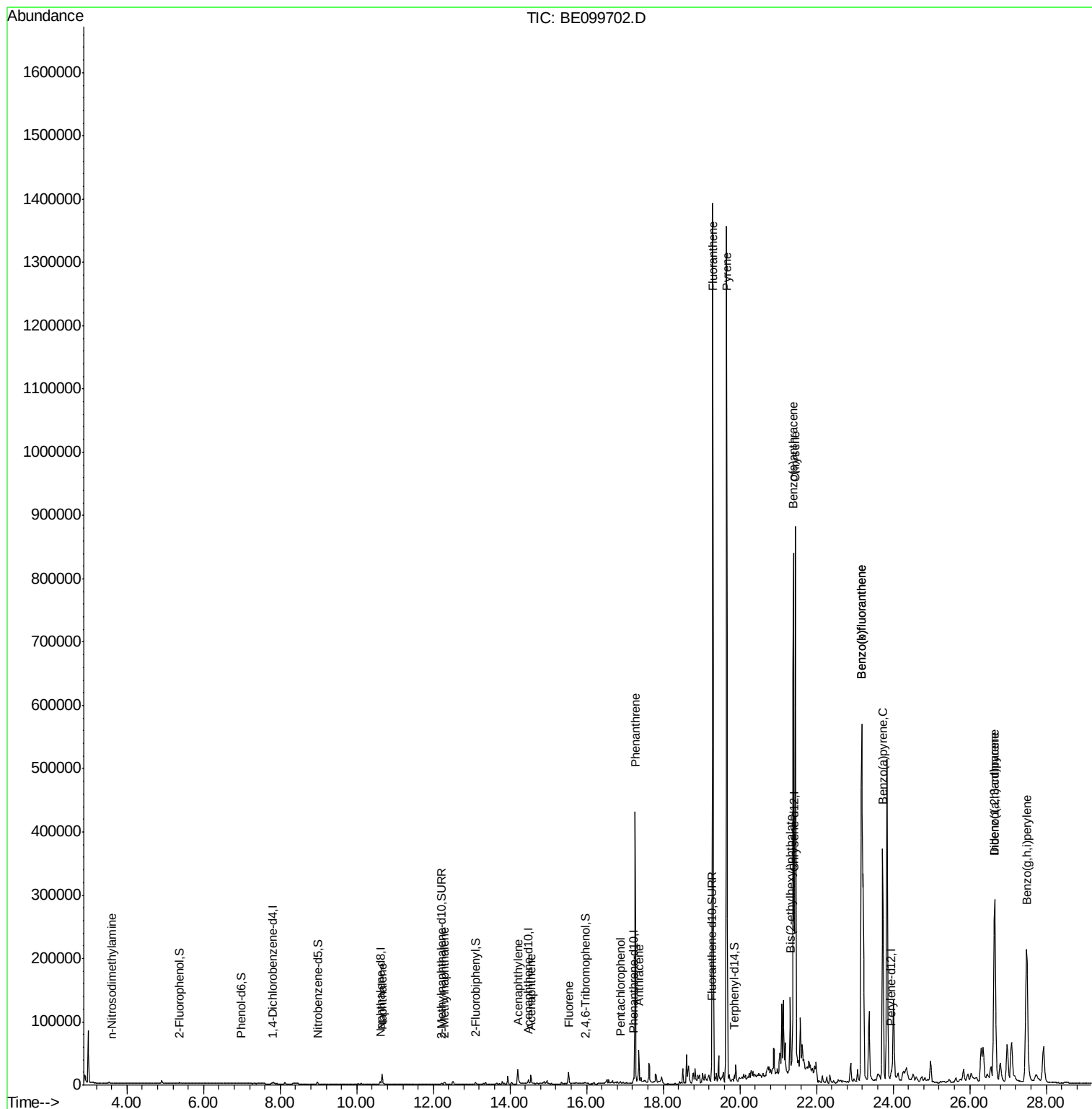
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.61	42	69	0.058	ng	# 8
9) Naphthalene	10.67	128	29289	0.509	ng	99
12) 2-Methylnaphthalene	12.30	142	2841	0.303	ng	97
16) Acenaphthylene	14.21	152	41673	2.192	ng	100
17) Acenaphthene	14.54	154	6966	0.653	ng	99
18) Fluorene	15.53	166	17951	1.142	ng	94
22) Pentachlorophenol	16.88	266	20	0.190	ng	# 83
23) Phenanthrene	17.27	178	425750	14.763	ng	100
24) Anthracene	17.36	178	53663	2.052	ng	# 94
26) Fluoranthene	19.29	202	1287518	28.239	ng	99
28) Pyrene	19.66	202	1252595	24.570	ng	# 95
30) Benzo(a)anthracene	21.40	228	877515	15.219	ng	95
31) Chrysene	21.45	228	809795	13.136	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	125133	1.883	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	612293	8.227	ng	97
35) Benzo(b)fluoranthene	23.18	252	1168282	17.991	ng	99
36) Benzo(k)fluoranthene	23.18	252	1168282	17.259	ng	98
37) Benzo(a)pyrene	23.73	252	576903	9.232	ng	99
38) Dibenzo(a,h)anthracene	26.66	278	155226	2.366	ng	95
39) Benzo(g,h,i)perylene	27.49	276	593354	8.954	ng	98

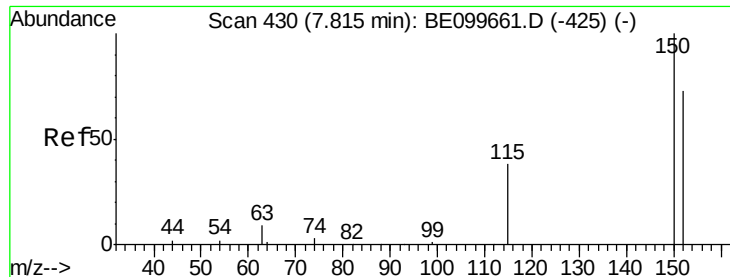
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

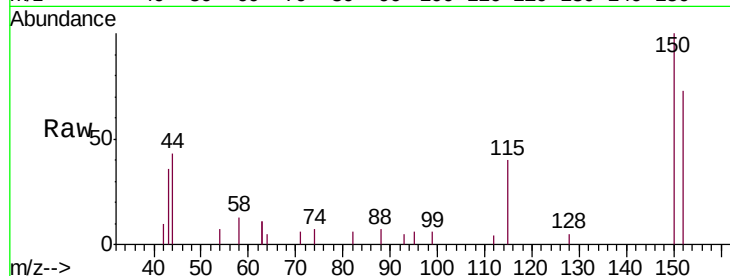
Tgt Ion:152 Resp: 1445

Ion Ratio Lower Upper

152 100

150 137.6 109.2 163.8

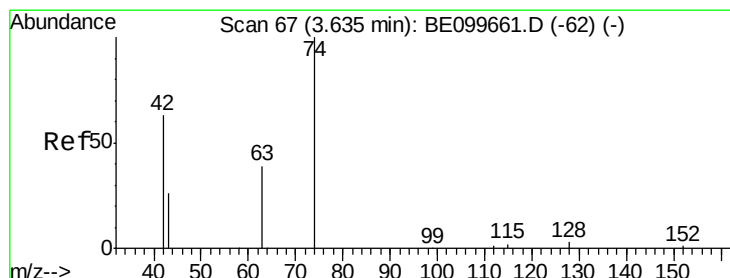
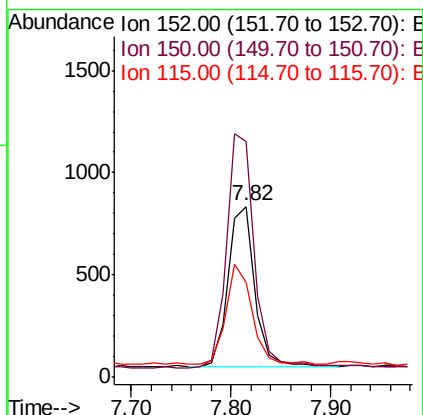
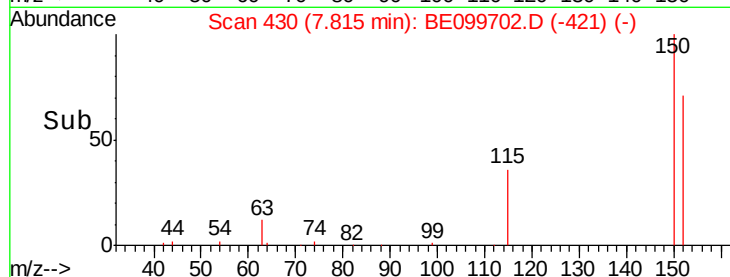
115 55.3 43.7 65.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.058 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

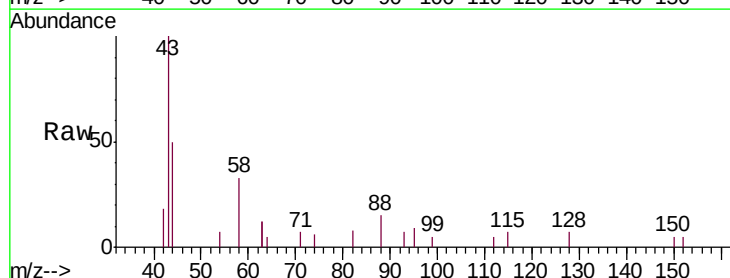
Tgt Ion: 42 Resp: 69

Ion Ratio Lower Upper

42 100

74 39.1 129.2 193.8#

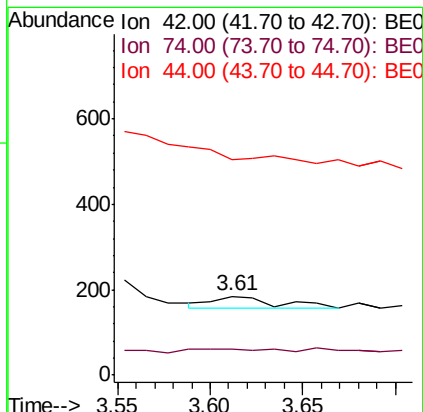
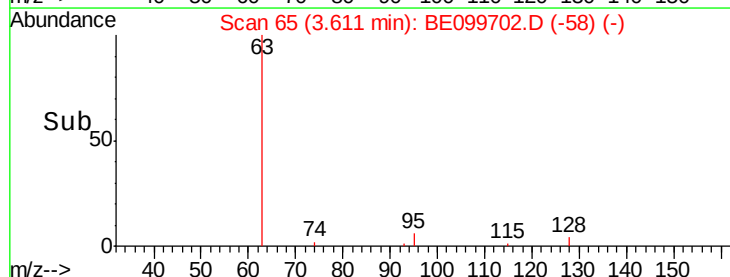
44 0.0 0.0 0.0

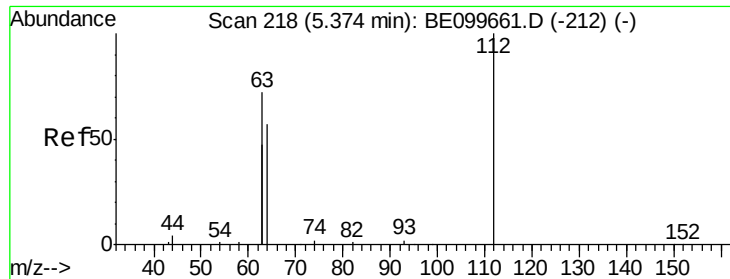


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.333 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

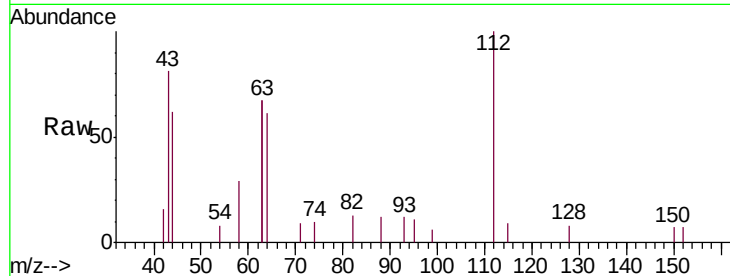
Tgt Ion:112 Resp: 1216

Ion Ratio Lower Upper

112 100

64 56.9 43.4 65.2

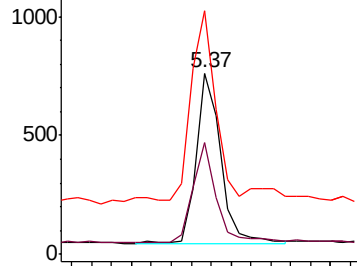
63 109.0 96.9 145.3



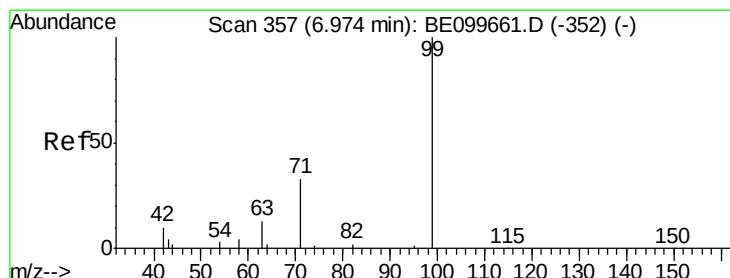
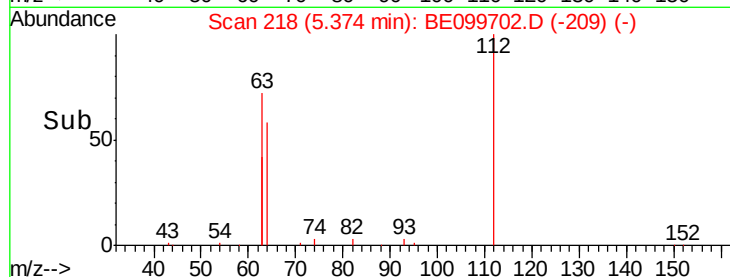
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.363 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

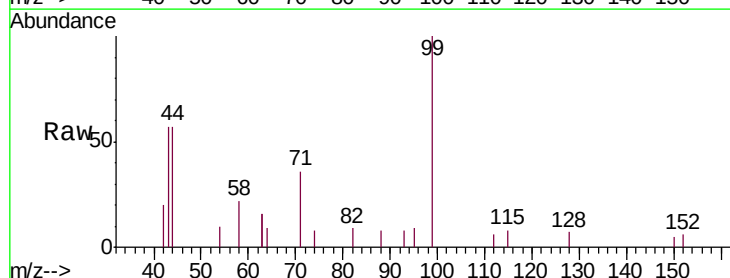
Tgt Ion: 99 Resp: 1757

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

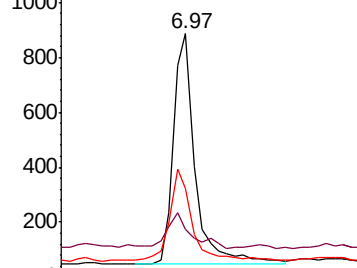
71 40.4 28.9 43.3



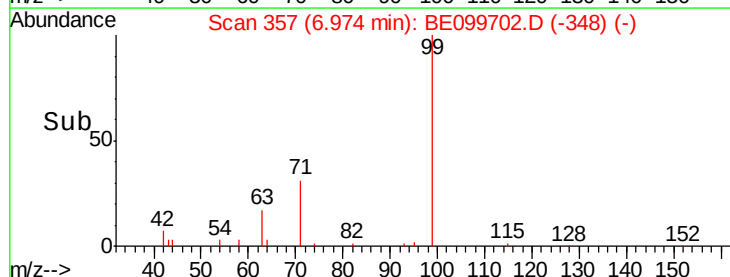
Abundance Ion 99.00 (98.70 to 99.70): BE0

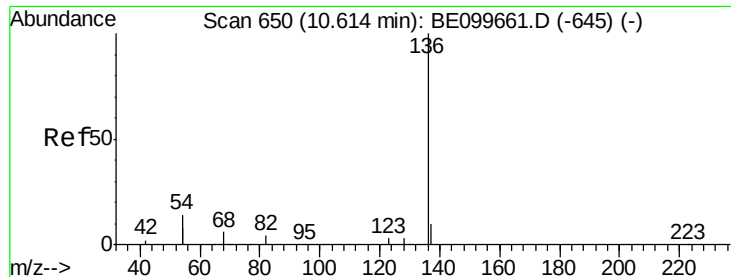
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

Tgt Ion:136 Resp: 5378

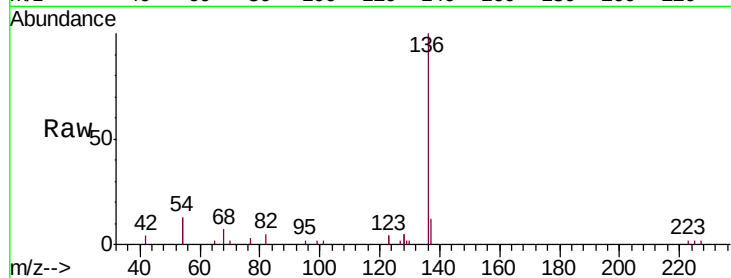
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 25.8 22.3 33.5

68 6.7 6.0 9.0

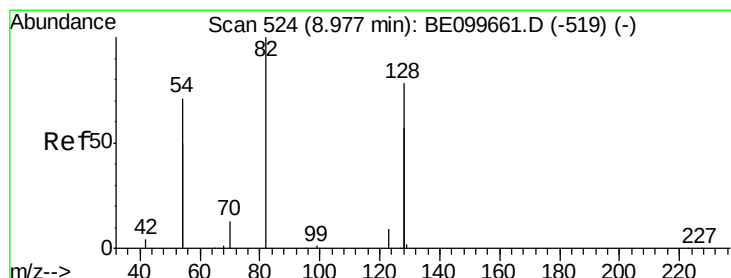
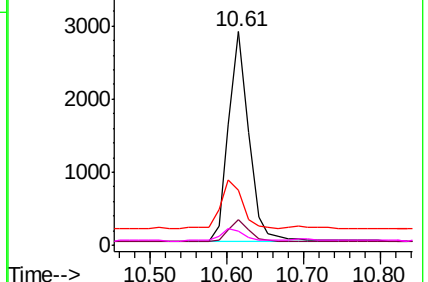
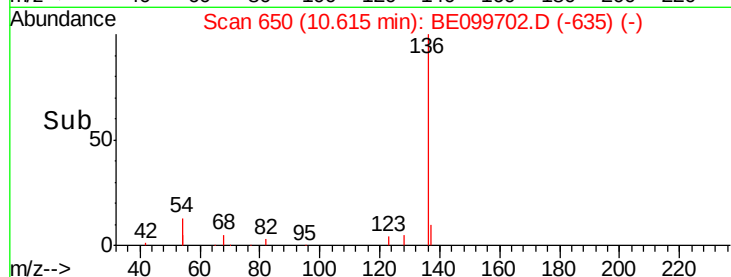


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.300 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

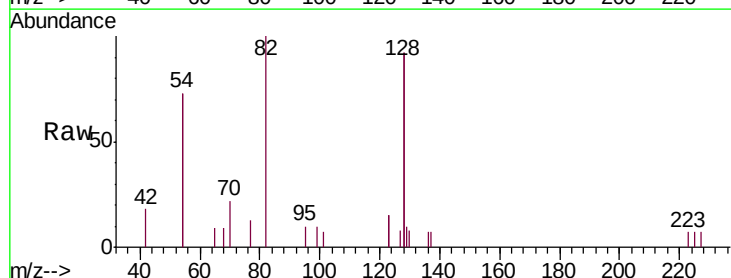
Tgt Ion: 82 Resp: 1397

Ion Ratio Lower Upper

82 100

128 184.2 117.7 176.5#

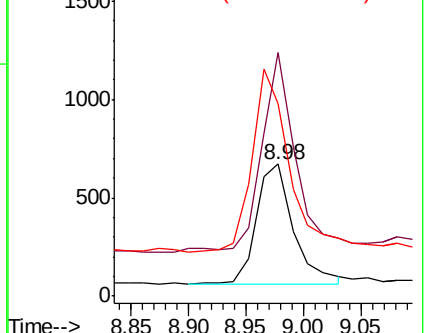
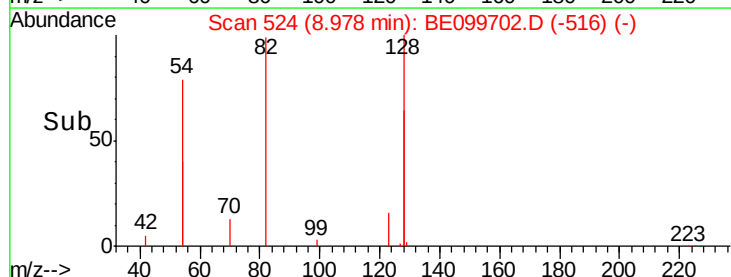
54 145.2 106.6 160.0

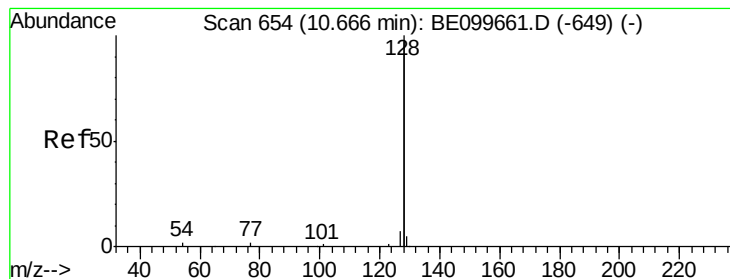


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.509 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

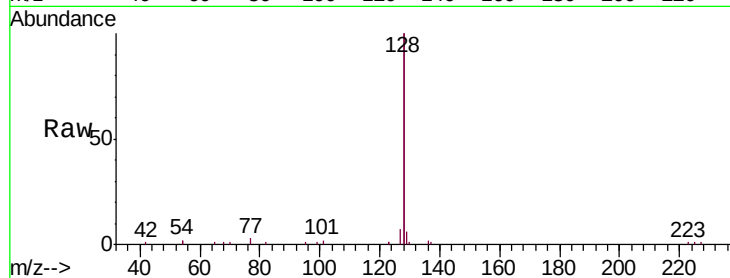
Tgt Ion:128 Resp: 29289

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

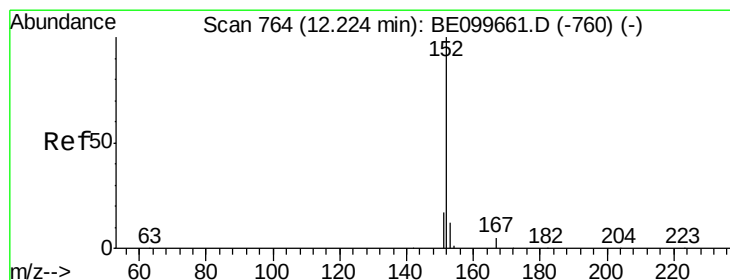
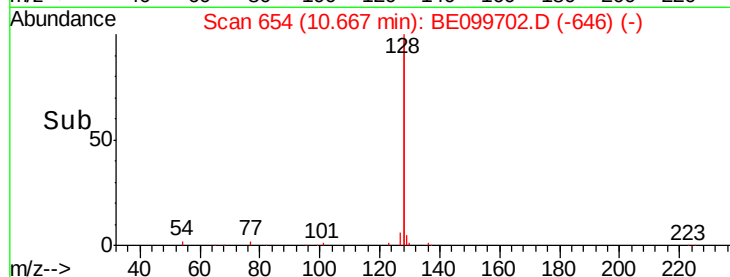
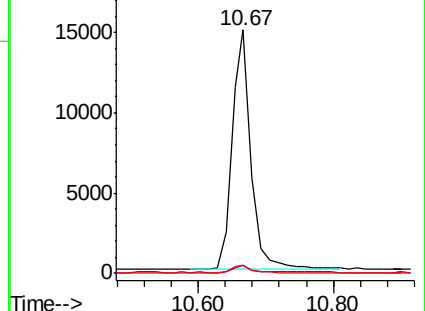
127 3.3 2.9 4.3



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: 0.262 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099702.D

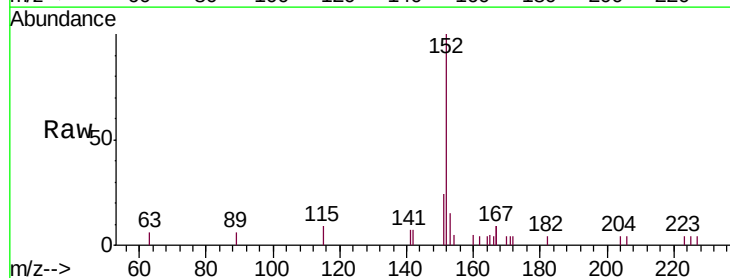
Acq: 21 May 2019 22:57

Tgt Ion:152 Resp: 2433

Ion Ratio Lower Upper

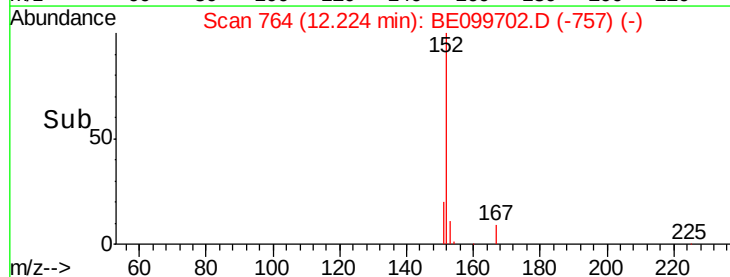
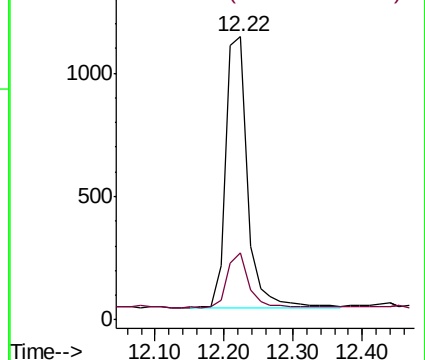
152 100

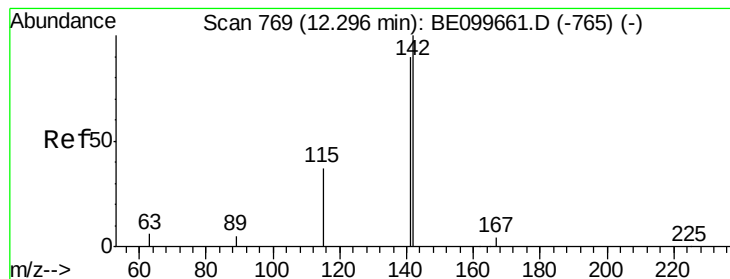
151 19.8 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.303 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

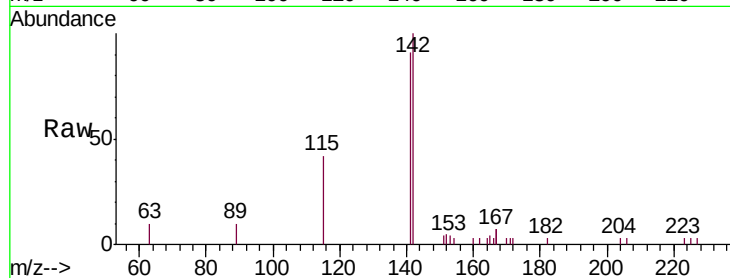
Tgt Ion:142 Resp: 2841

Ion Ratio Lower Upper

142 100

141 91.1 72.0 108.0

115 42.0 31.0 46.4

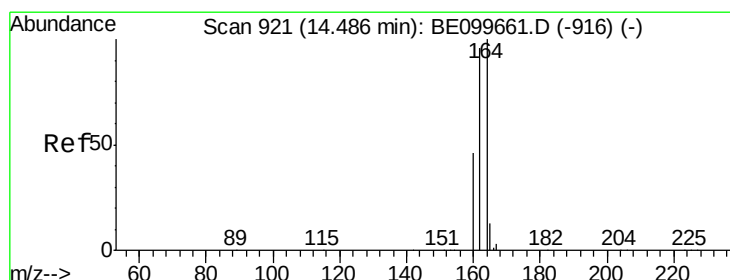
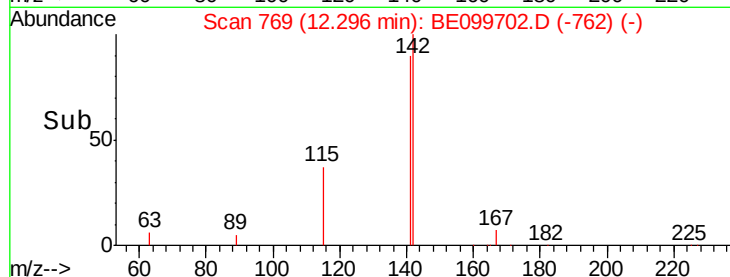
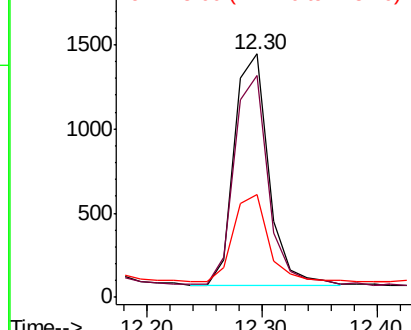


Abundance

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: BE099702.D

Acq: 21 May 2019 22:57

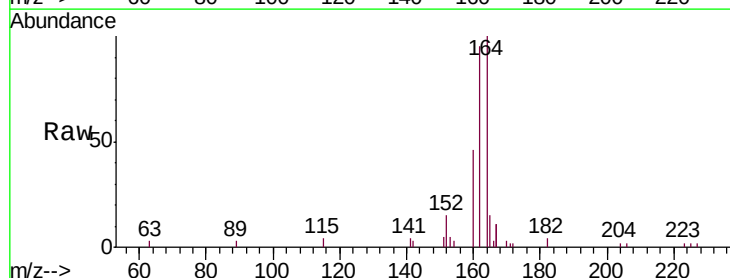
Tgt Ion:164 Resp: 4079

Ion Ratio Lower Upper

164 100

162 95.1 76.5 114.7

160 45.6 37.4 56.2

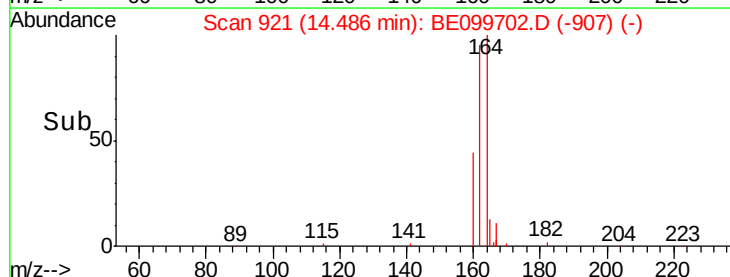
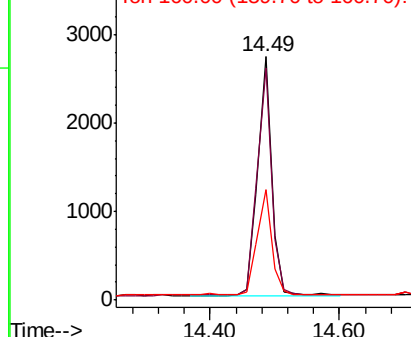


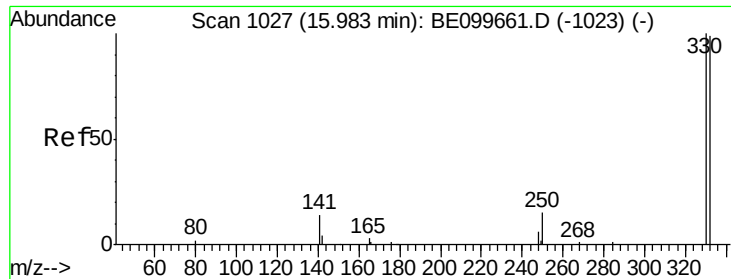
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

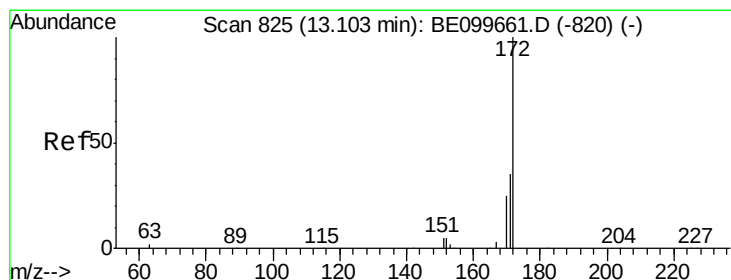
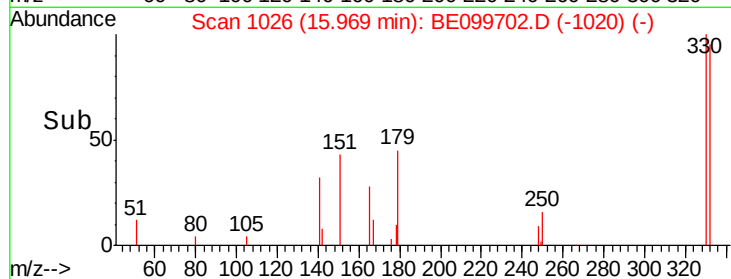
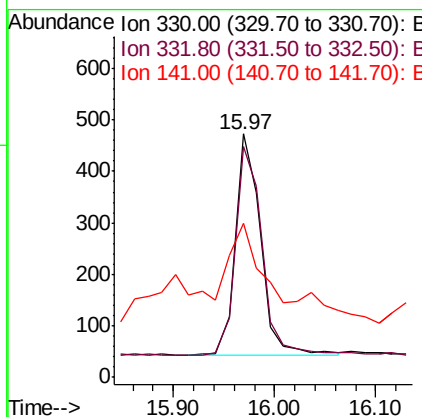
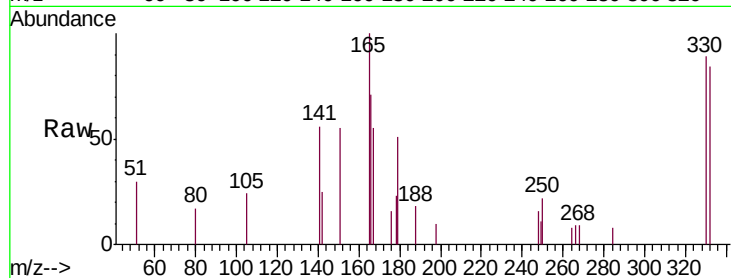




#14
 2,4,6-Tribromophenol
 Concen: 0.370 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099702.D
 Acq: 21 May 2019 22:57

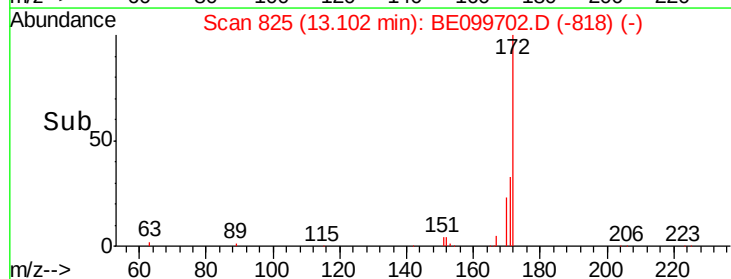
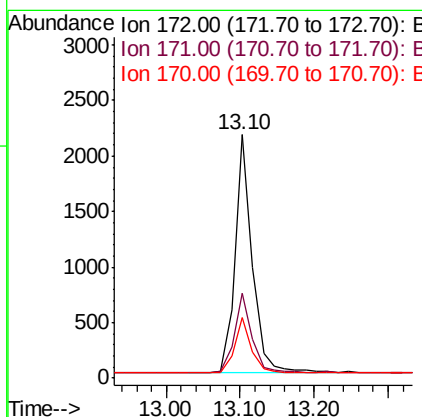
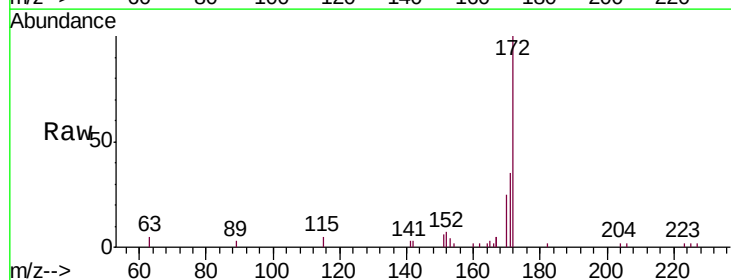
Instrument :
 BNA_E
 ClientSampleId :
 FESB-5(4.5-5)

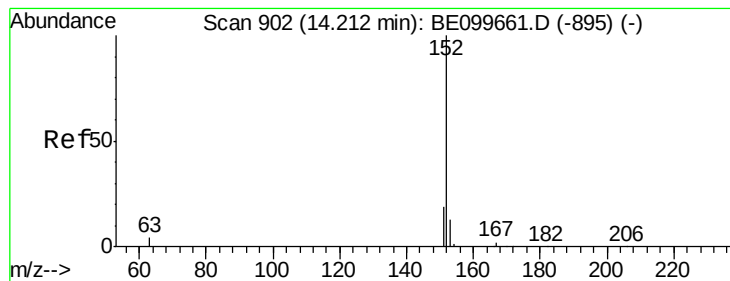
Tgt Ion:330 Resp: 737
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.3 115.9
 141 37.4 18.9 28.3#



#15
 2-Fluorobiphenyl
 Concen: 0.226 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099702.D
 Acq: 21 May 2019 22:57

Tgt Ion:172 Resp: 3494
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.7 43.1
 170 24.7 20.9 31.3





#16

Acenaphthylene

Concen: 2.192 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

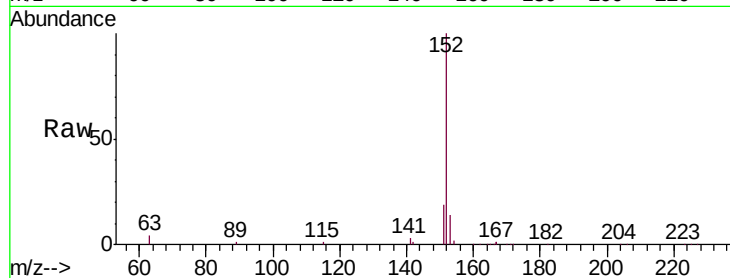
Tgt Ion:152 Resp: 41673

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

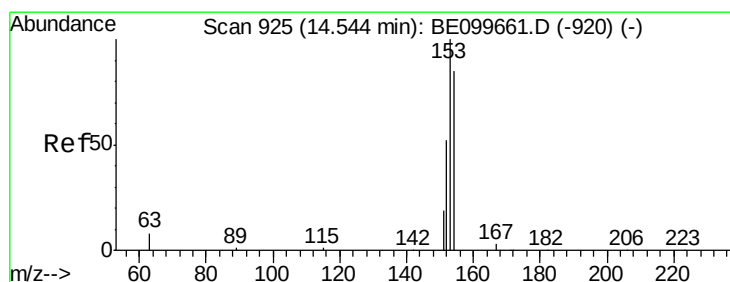
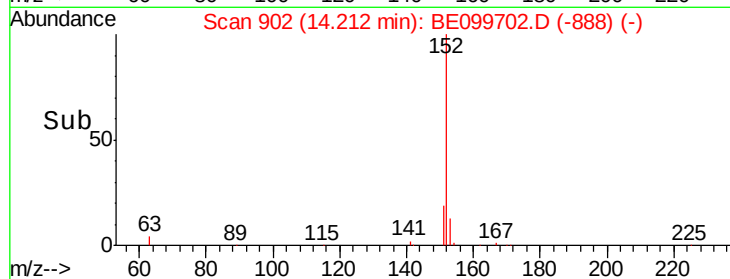
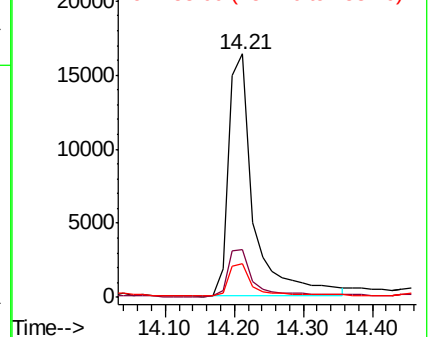
153 13.4 10.6 16.0



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: 0.653 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

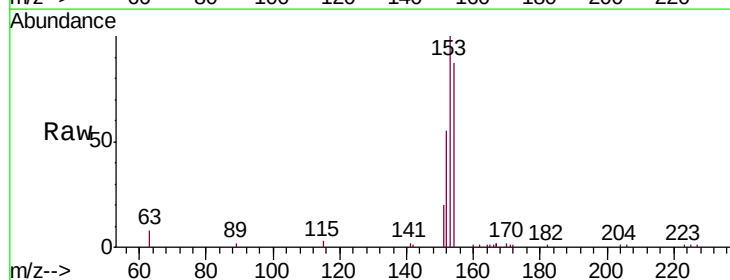
Tgt Ion:154 Resp: 6966

Ion Ratio Lower Upper

154 100

153 115.7 91.8 137.6

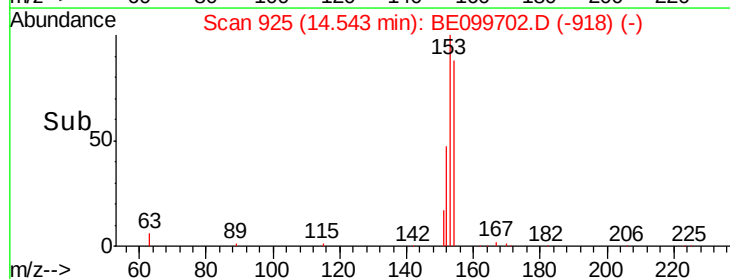
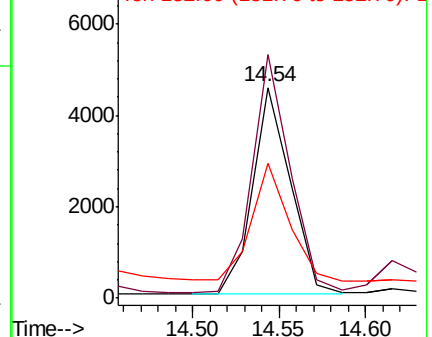
152 56.5 46.0 69.0

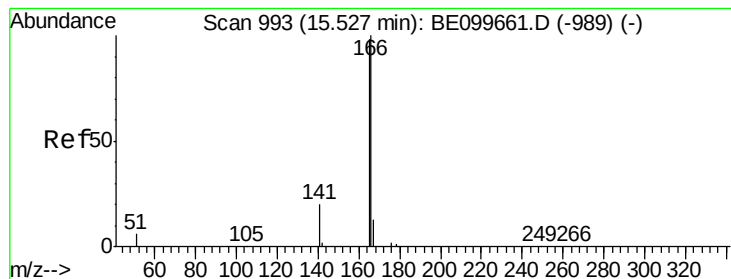


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 1.142 ng

RT: 15.53 min Scan# 993

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

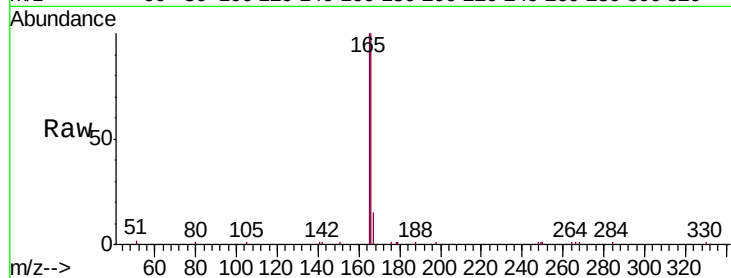
Tgt Ion:166 Resp: 17951

Ion Ratio Lower Upper

166 100

165 106.6 80.3 120.5

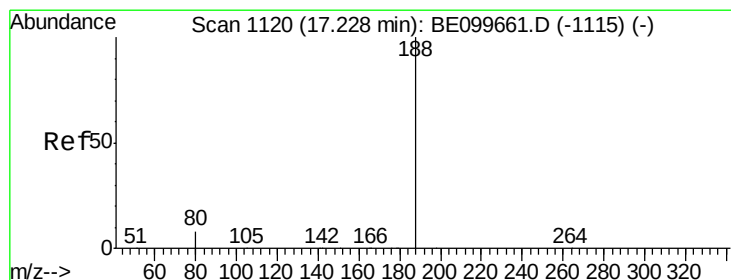
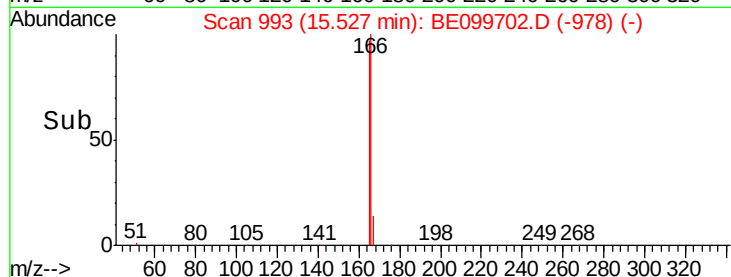
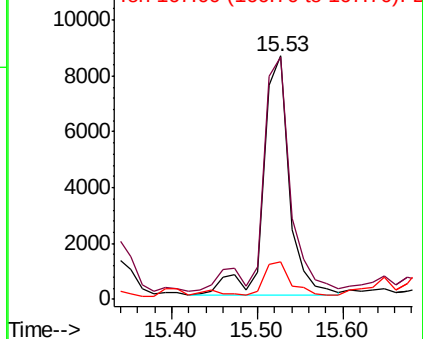
167 14.5 10.6 16.0



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: BE099702.D

Acq: 21 May 2019 22:57

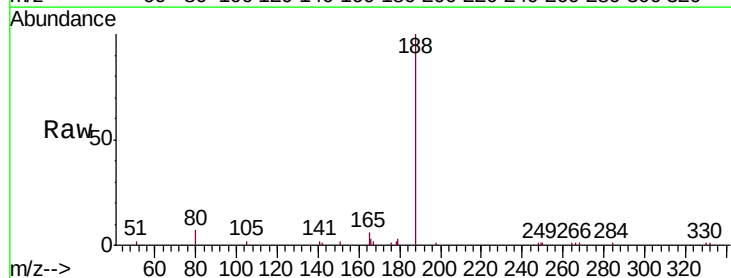
Tgt Ion:188 Resp: 11802

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

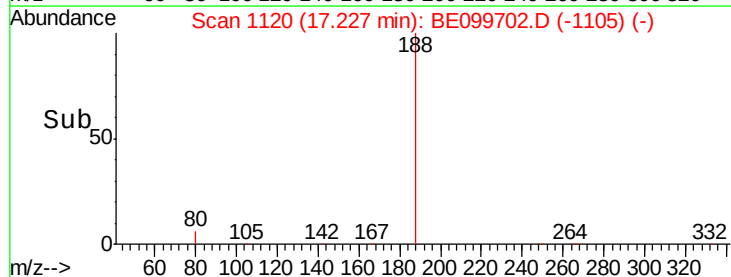
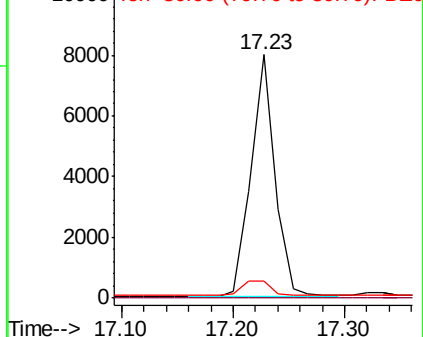
80 7.0 6.7 10.1

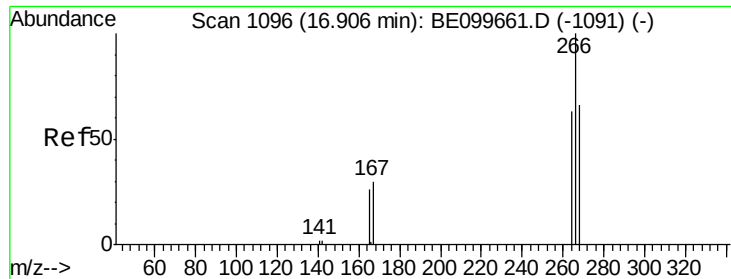


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.190 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

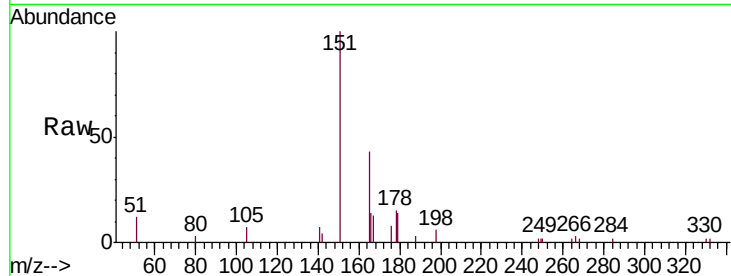
Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

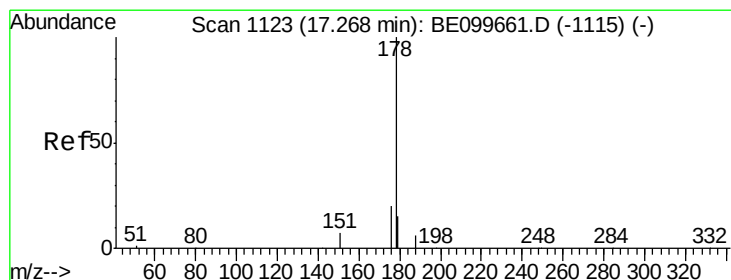
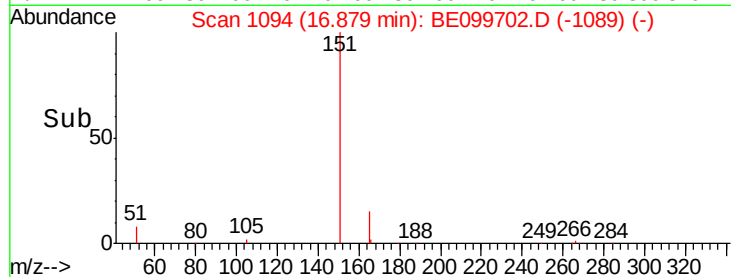
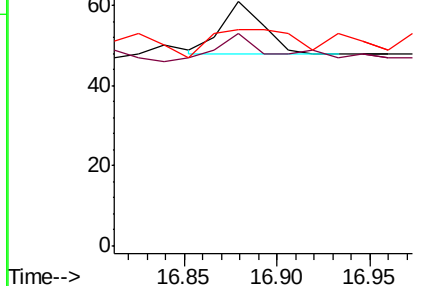
Tgt Ion:	266	Resp:	20
Ion	Ratio	Lower	Upper
266	100		
264	86.9	57.2	85.8#
268	88.5	60.5	90.7



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: 14.763 ng

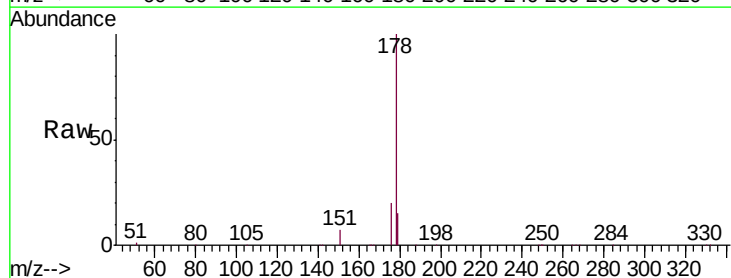
RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

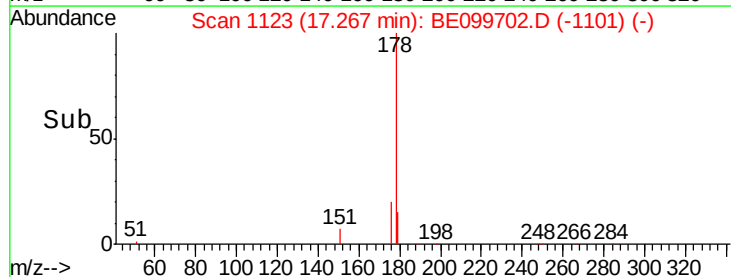
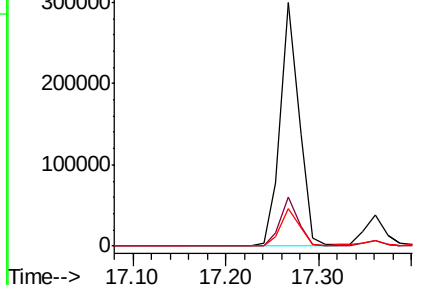
Tgt Ion:	178	Resp:	425750
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.5	12.2	18.4

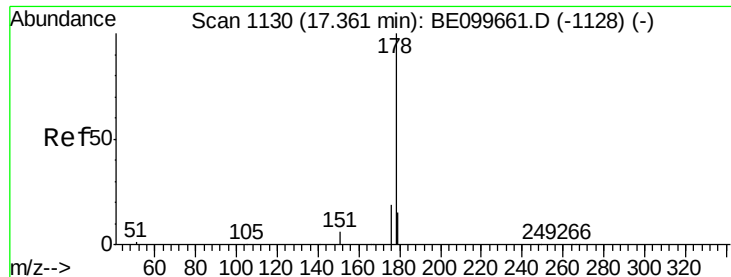


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 2.052 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

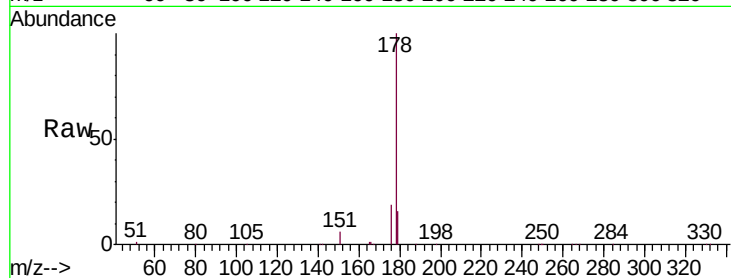
Tgt Ion:178 Resp: 53663

Ion Ratio Lower Upper

178 100

176 19.8 14.7 22.1

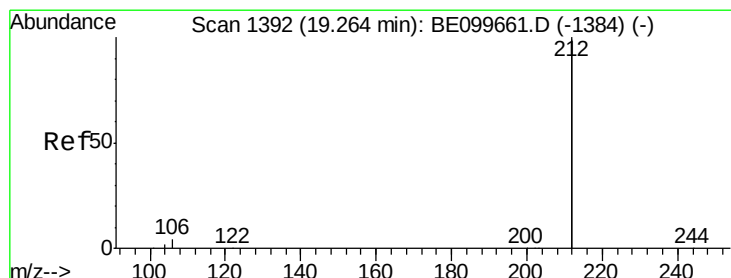
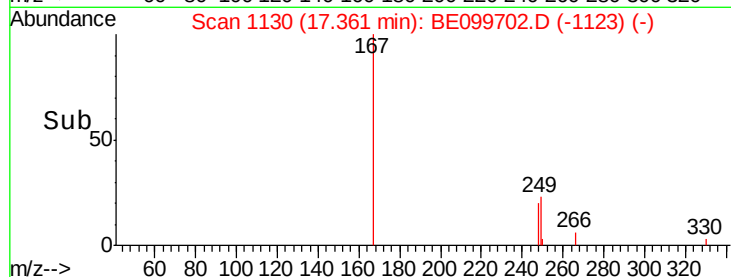
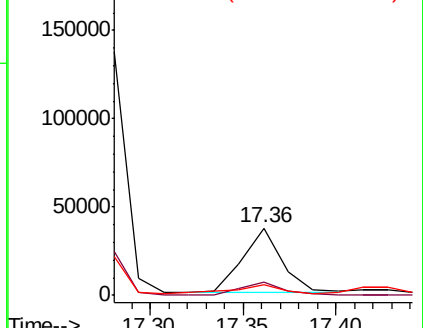
179 19.3 12.0 18.0#



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: 0.221 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

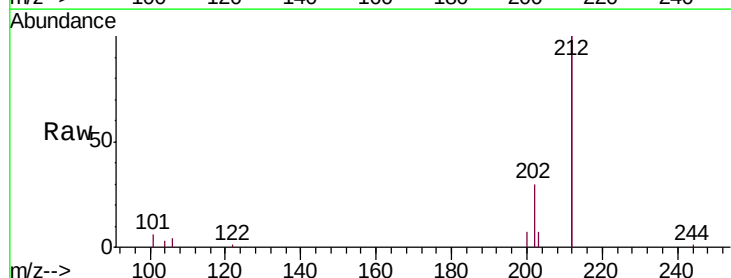
Tgt Ion:212 Resp: 35631

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.2

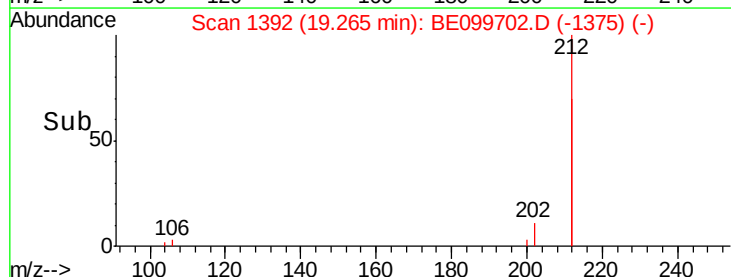
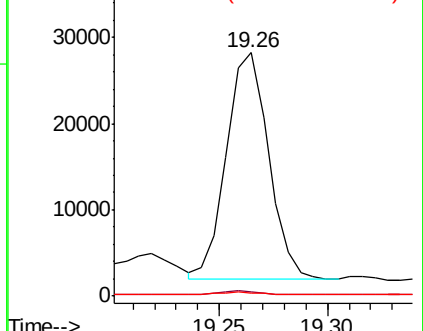
104 1.4 0.8 1.2#

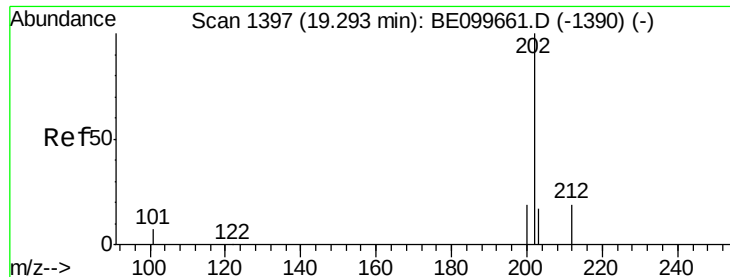


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

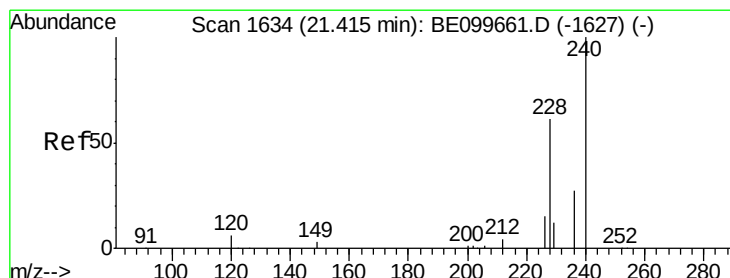
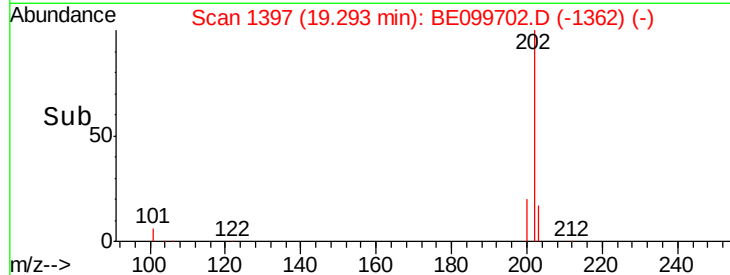
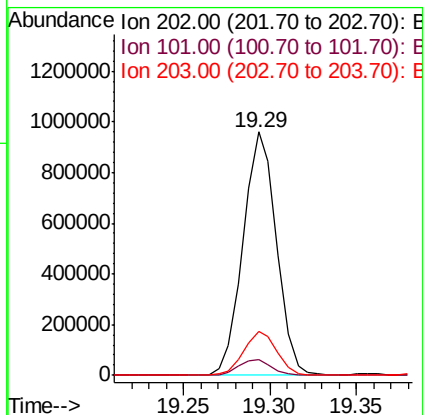
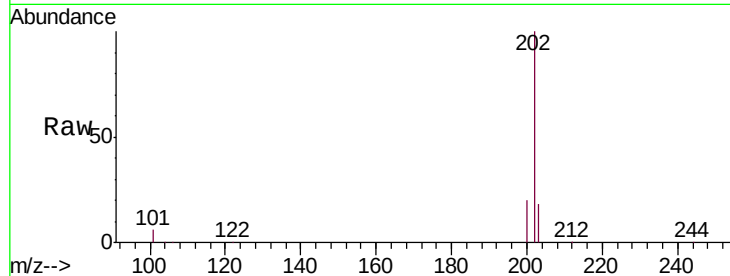




#26
 Fluoranthene
 Concen: 28.239 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BE099702.D
 Acq: 21 May 2019 22:57

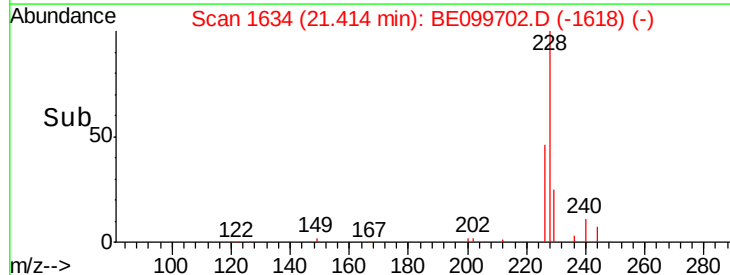
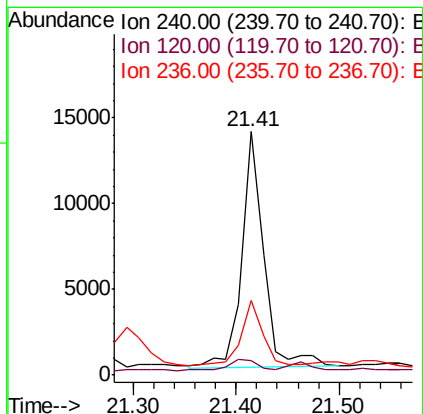
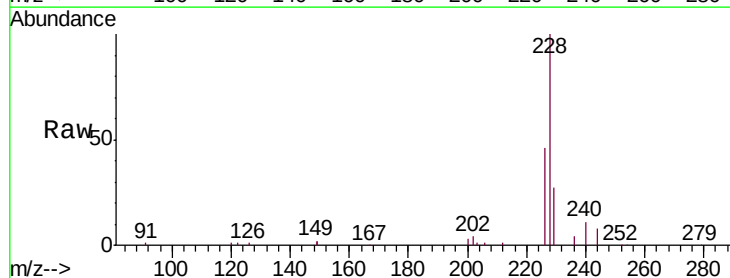
Instrument :
 BNA_E
 ClientSampleId :
 FESB-5(4.5-5)

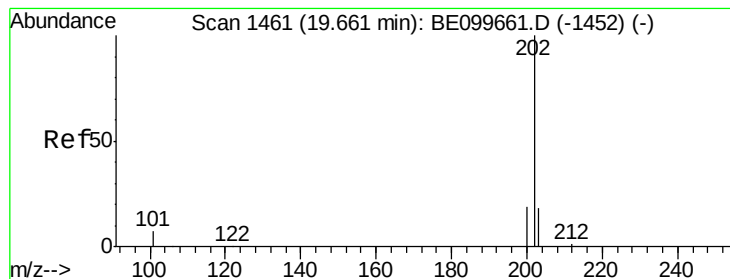
Tgt Ion:202 Resp: 1287518
 Ion Ratio Lower Upper
 202 100
 101 6.4 5.2 7.8
 203 17.8 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099702.D
 Acq: 21 May 2019 22:57

Tgt Ion:240 Resp: 20291
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.4 8.0
 236 30.8 21.7 32.5





#28

Pyrene

Concen: 24.570 ng

RT: 19.66 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

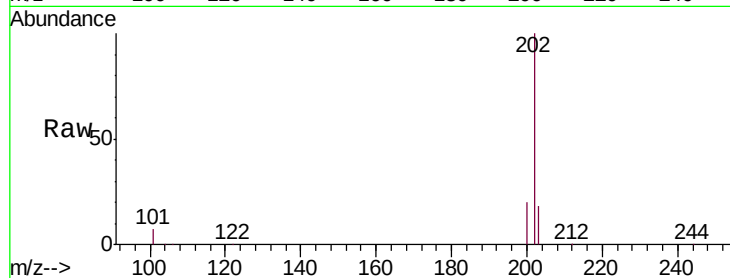
Tgt Ion:202 Resp: 1252595

Ion Ratio Lower Upper

202 100

200 20.1 15.4 23.2

203 21.2 13.8 20.8#

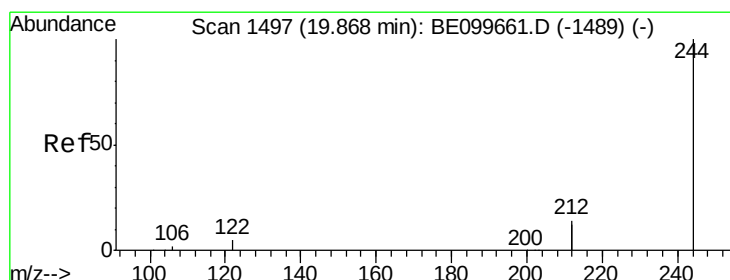
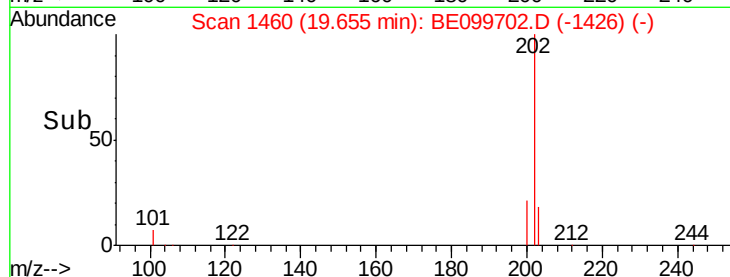
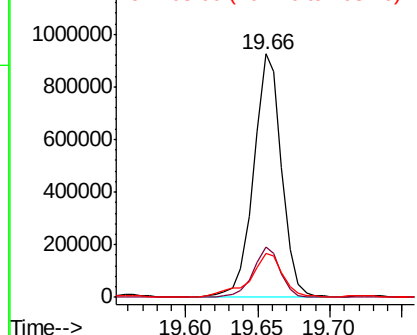


Abundance

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: 0.225 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

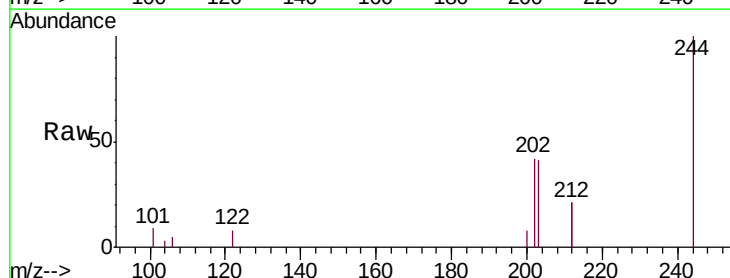
Tgt Ion:244 Resp: 8145

Ion Ratio Lower Upper

244 100

212 42.3 22.5 33.7#

122 8.1 4.3 6.5#

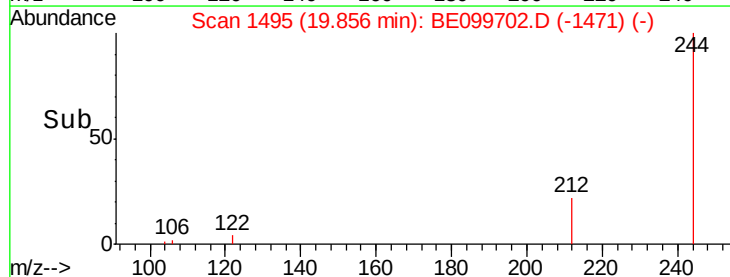
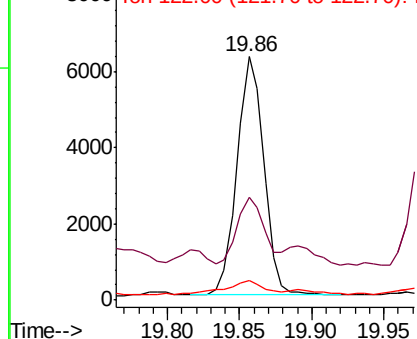


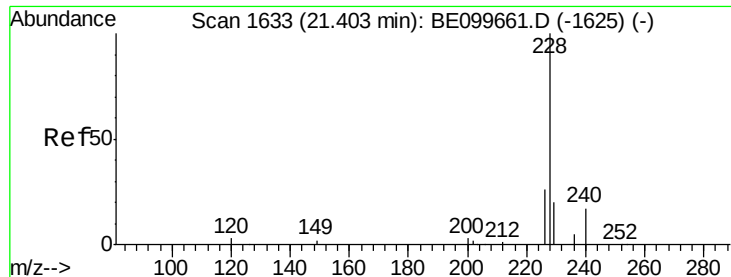
Abundance

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

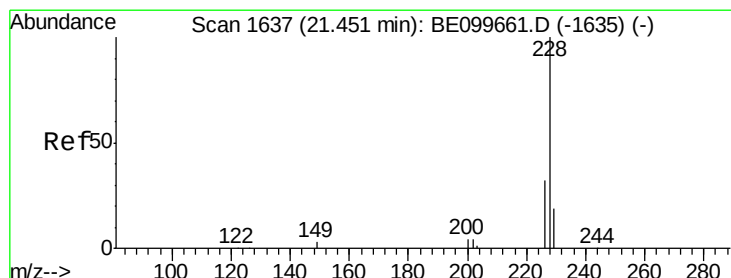
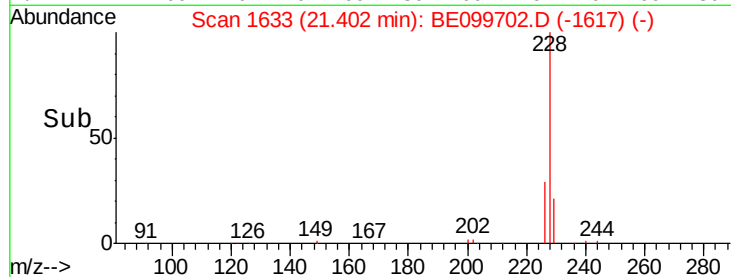
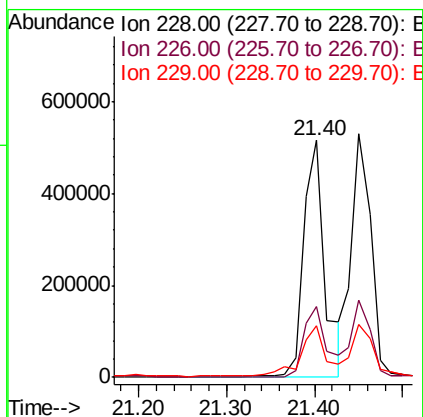
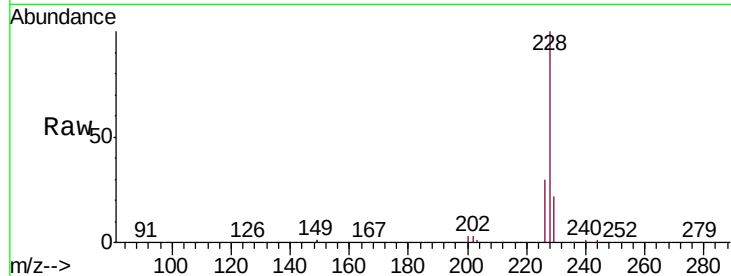




#30
Benzo(a)anthracene
Concen: 15.219 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099702.D
Acq: 21 May 2019 22:57

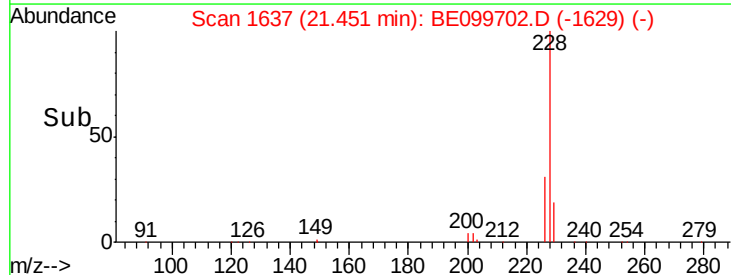
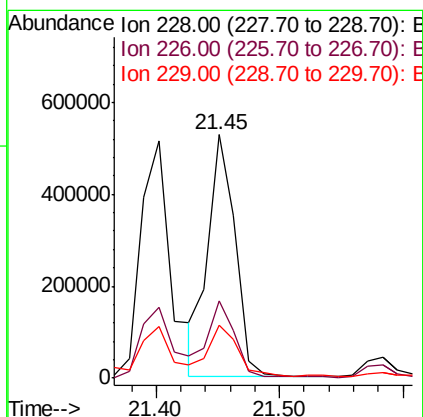
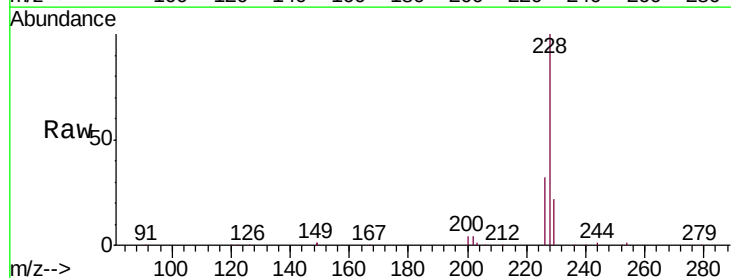
Instrument :
BNA_E
ClientSampleId :
FESB-5(4.5-5)

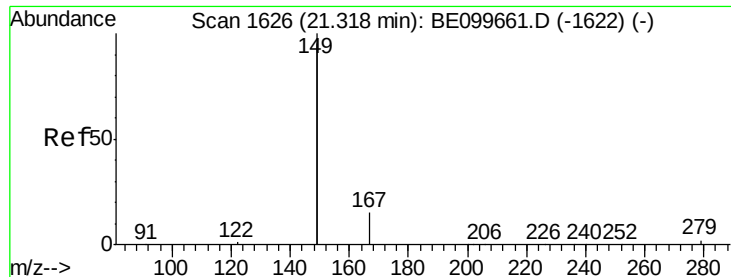
Tgt Ion:228 Resp: 877515
Ion Ratio Lower Upper
228 100
226 29.7 21.3 31.9
229 21.8 16.1 24.1



#31
Chrysene
Concen: 13.136 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE099702.D
Acq: 21 May 2019 22:57

Tgt Ion:228 Resp: 809795
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 21.6 15.8 23.6

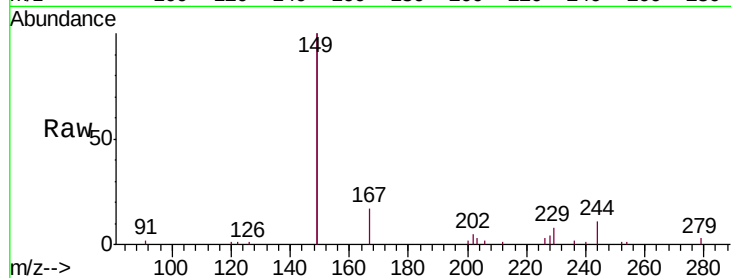




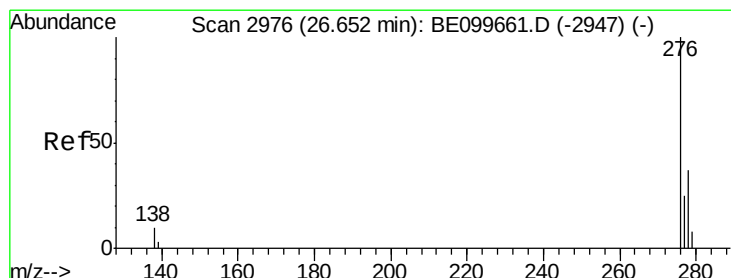
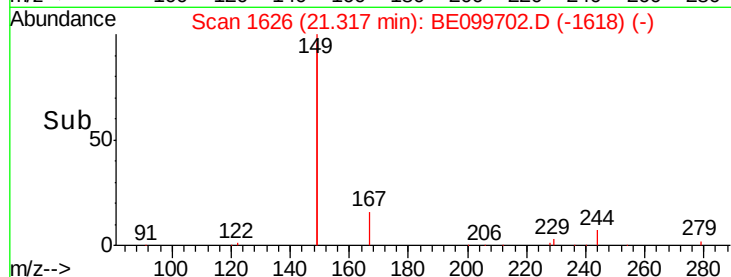
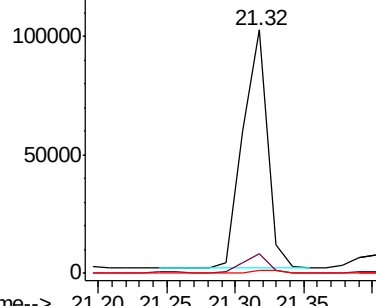
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.883 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE099702.D
 Acq: 21 May 2019 22:57

Instrument :
 BNA_E
 ClientSampleId :
 FESB-5(4.5-5)

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.7	6.2	9.4
279	1.5	1.2	1.8

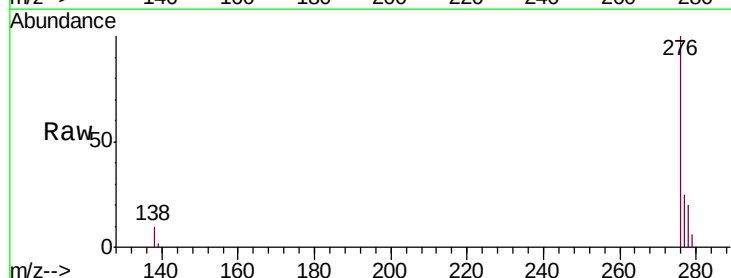


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

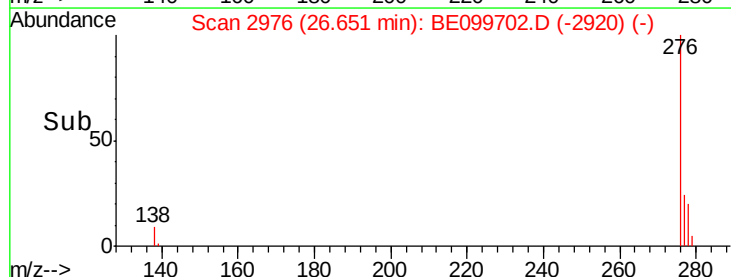
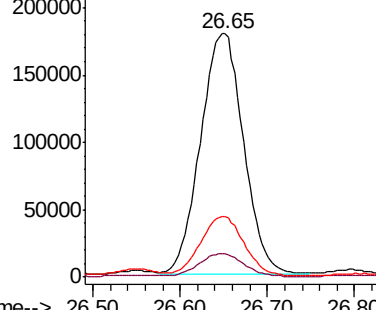


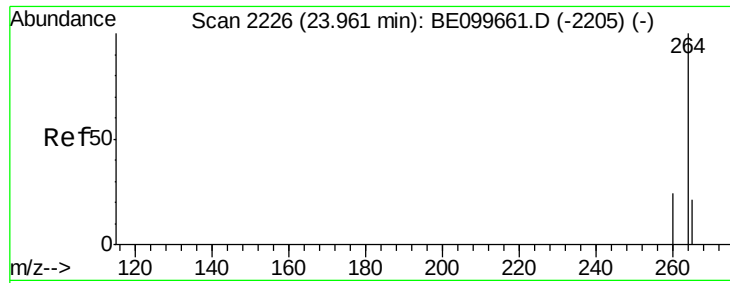
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 8.227 ng
 RT: 26.65 min Scan# 2976
 Delta R.T. -0.00 min
 Lab File: BE099702.D
 Acq: 21 May 2019 22:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	9.6	14.4
277	24.7	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

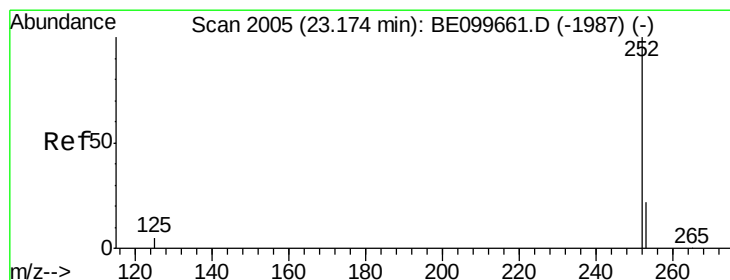
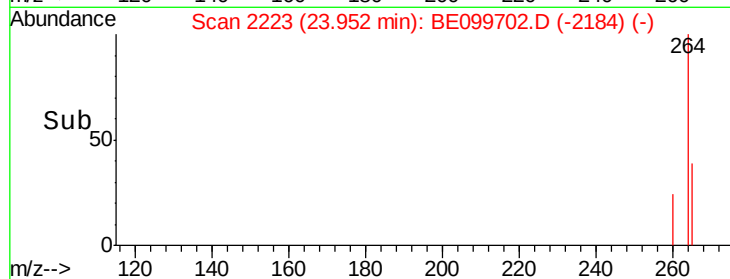
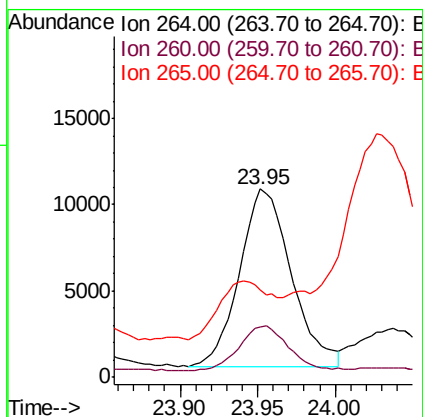
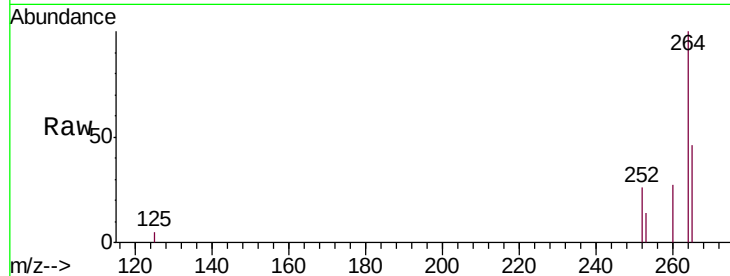




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BE099702.D
Acq: 21 May 2019 22:57

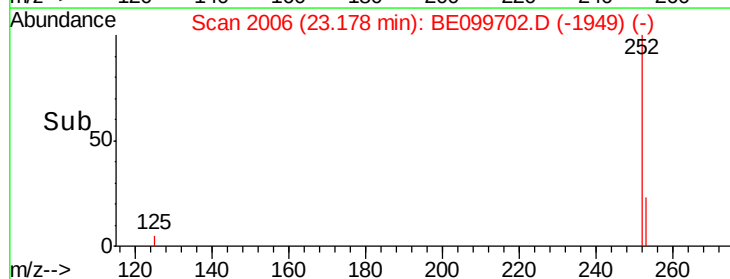
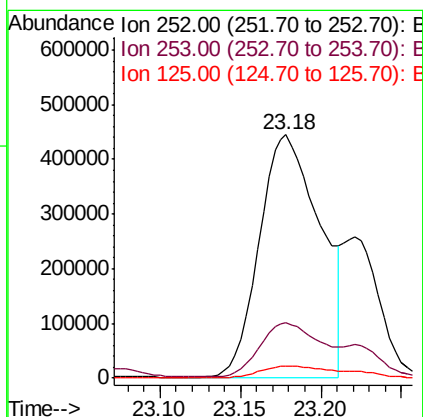
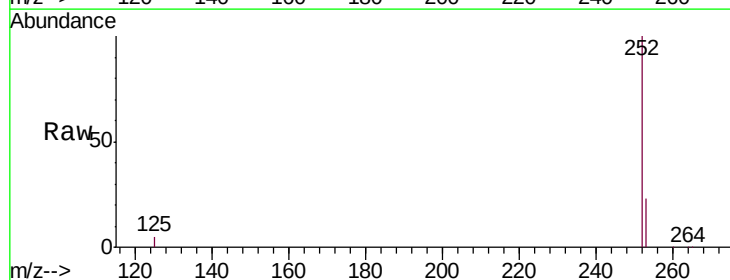
Instrument :
BNA_E
ClientSampleId :
FESB-5(4.5-5)

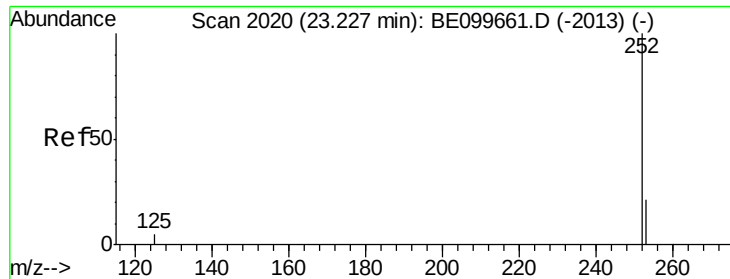
Tgt Ion: 264 Resp: 23698
Ion Ratio Lower Upper
264 100
260 26.8 19.6 29.4
265 46.4 19.1 28.7#



#35
Benzo(b)fluoranthene
Concen: 17.991 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099702.D
Acq: 21 May 2019 22:57

Tgt Ion: 252 Resp: 1168282
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 4.9 4.5 6.7

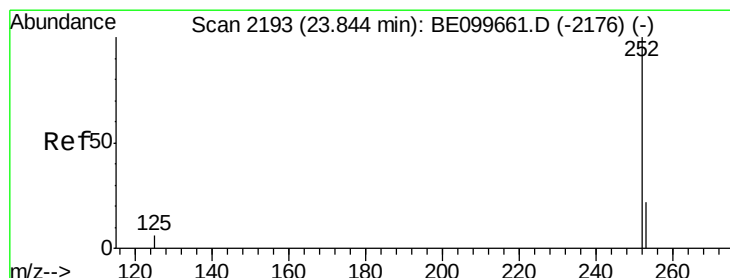
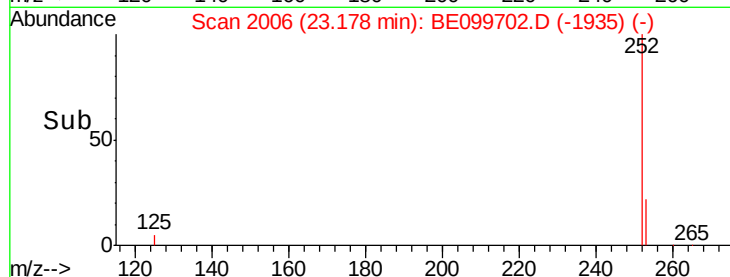
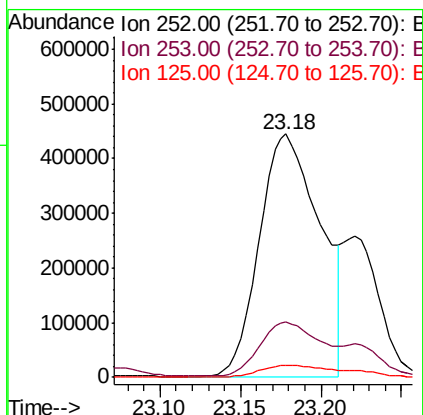
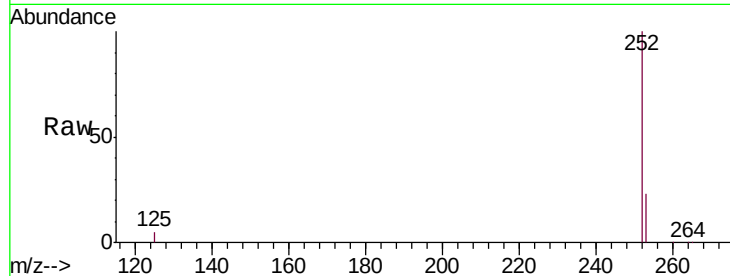




#36
Benzo(k)fluoranthene
Concen: 17.259 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BE099702.D
Acq: 21 May 2019 22:57

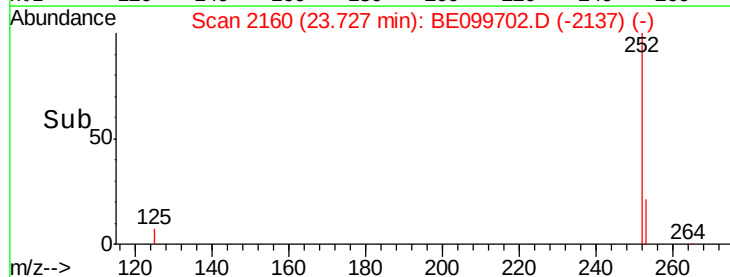
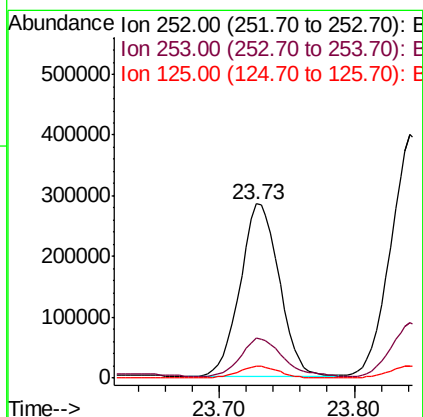
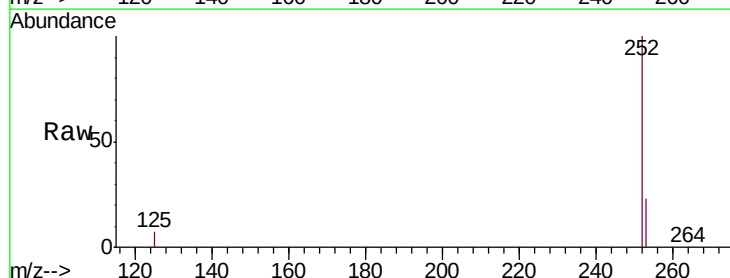
Instrument :
BNA_E
ClientSampleId :
FESB-5(4.5-5)

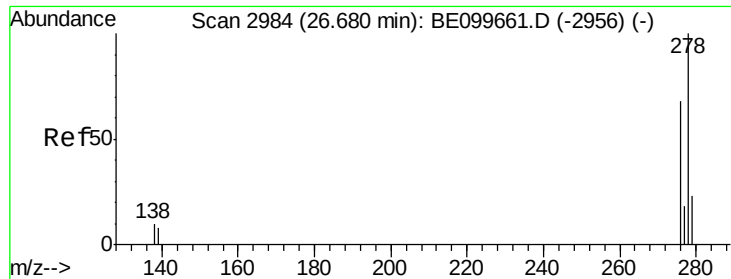
Tgt Ion:252 Resp: 1168282
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 4.9 4.6 6.8



#37
Benzo(a)pyrene
Concen: 9.232 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.12 min
Lab File: BE099702.D
Acq: 21 May 2019 22:57

Tgt Ion:252 Resp: 576903
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 6.8 5.4 8.0





#38

Dibenzo(a,h)anthracene

Concen: 2.366 ng

RT: 26.66 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)

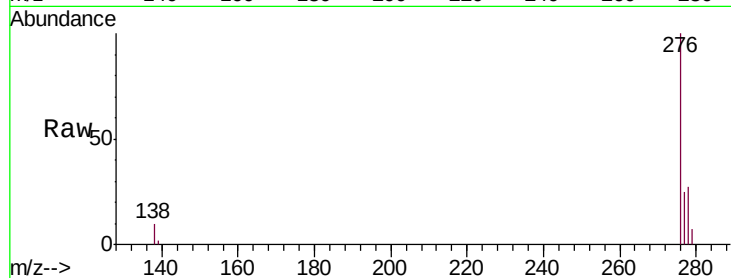
Tgt Ion:278 Resp: 155226

Ion Ratio Lower Upper

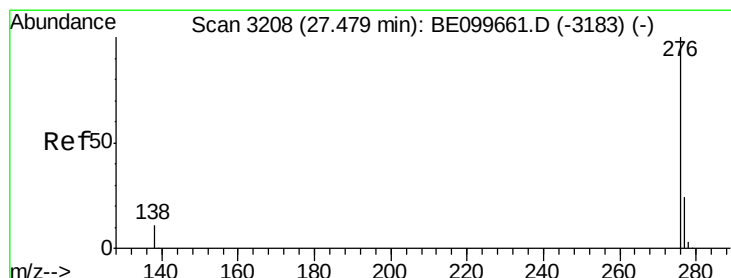
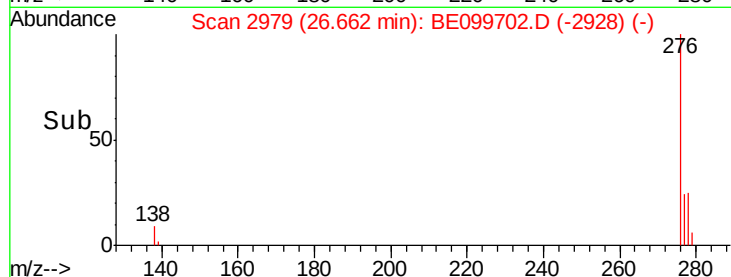
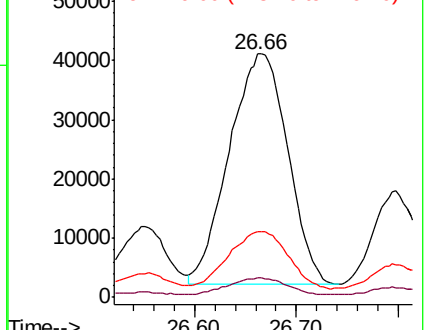
278 100

139 7.8 6.9 10.3

279 27.0 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: 8.954 ng

RT: 27.49 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BE099702.D

Acq: 21 May 2019 22:57

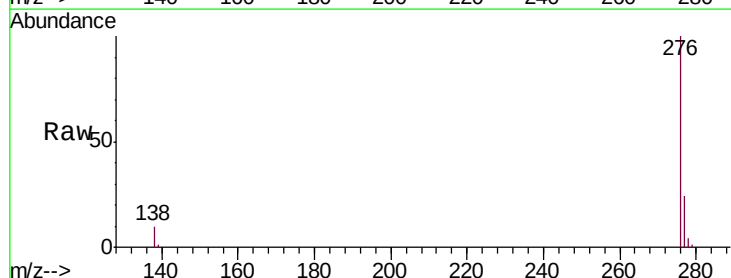
Tgt Ion:276 Resp: 593354

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.6

138 9.9 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

