

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052219\
 Data File : BE099714.D
 Acq On : 22 May 2019 10:47
 Operator : JU/SJ
 Sample : K2944-05DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: May 22 11:53:15 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	1348	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	4906	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	3687	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11302	0.40	ng	0.00
27) Chrysene-d12	21.42	240	15799	0.40	ng	0.00
34) Perylene-d12	23.95	264	17532	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	109	0.03	ng	0.01
5) Phenol-d6	6.99	99	143	0.03	ng	0.01
8) Nitrobenzene-d5	9.00	82	76	0.02	ng	0.03
11) 2-Methylnaphthalene-d10	12.24	152	266	0.03	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	64	0.17	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	352	0.03	ng	0.01
25) Fluoranthene-d10	19.27	212	3389	0.02	ng	0.00
29) Terphenyl-d14	19.86	244	750	0.03	ng	0.00

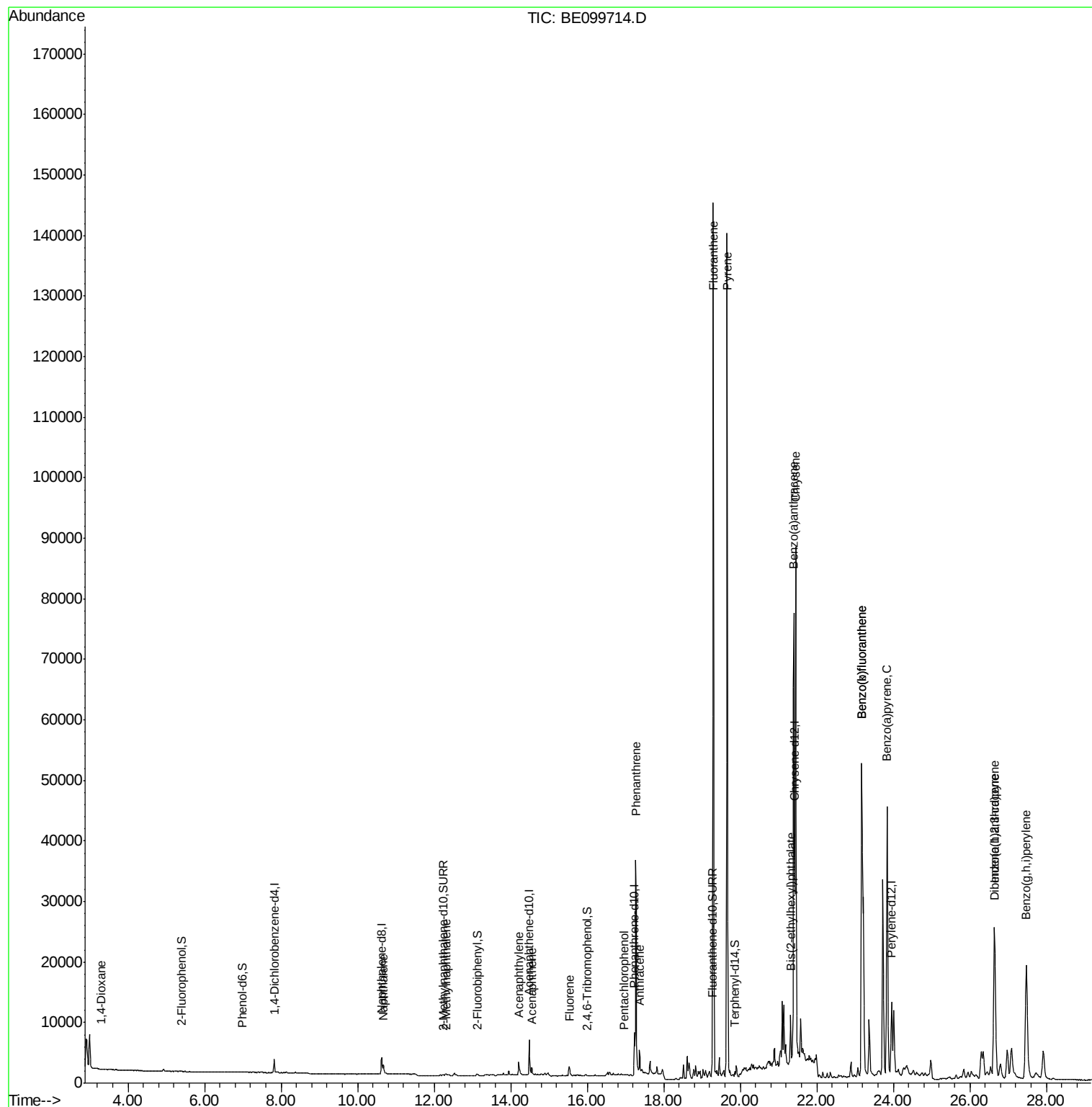
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	88	0.044	ng	# 89
9) Naphthalene	10.67	128	2929	0.056	ng	# 92
12) 2-Methylnaphthalene	12.31	142	257	0.030	ng	# 85
16) Acenaphthylene	14.21	152	3692	0.215	ng	99
17) Acenaphthene	14.56	154	695	0.072	ng	98
18) Fluorene	15.53	166	1727	0.122	ng	98
22) Pentachlorophenol	16.96	266	15	0.188	ng	# 77
23) Phenanthrene	17.27	178	43636	1.580	ng	100
24) Anthracene	17.36	178	5108	0.204	ng	97
26) Fluoranthene	19.29	202	133948	3.068	ng	99
28) Pyrene	19.66	202	128373	3.234	ng	96
30) Benzo(a)anthracene	21.40	228	72094	1.606	ng	96
31) Chrysene	21.45	228	75562	1.574	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	9197	0.178	ng	99
33) Indeno(1,2,3-cd)pyrene	26.64	276	52704	0.909	ng	98
35) Benzo(b)fluoranthene	23.17	252	101452	2.112	ng	99
36) Benzo(k)fluoranthene	23.17	252	101452	2.026	ng	100
37) Benzo(a)pyrene	23.84	252	73479	1.589	ng	98
38) Dibenzo(a,h)anthracene	26.66	278	13011	0.268	ng	# 93
39) Benzo(g,h,i)perylene	27.48	276	52664	1.074	ng	99

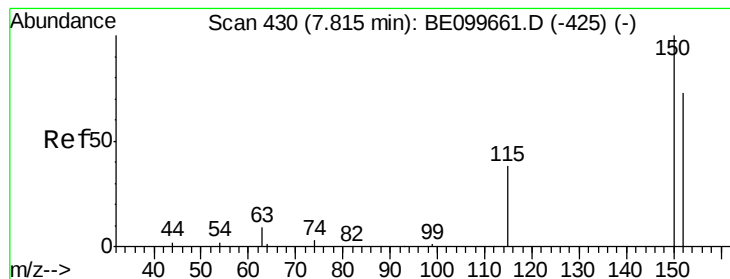
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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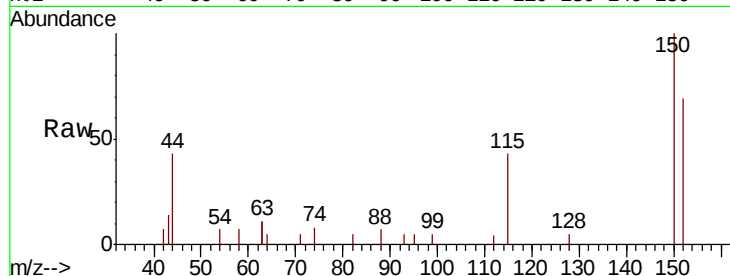


#1

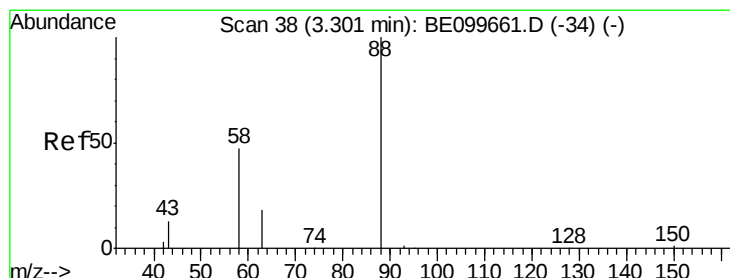
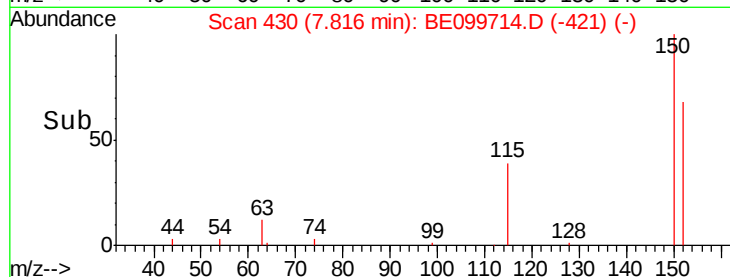
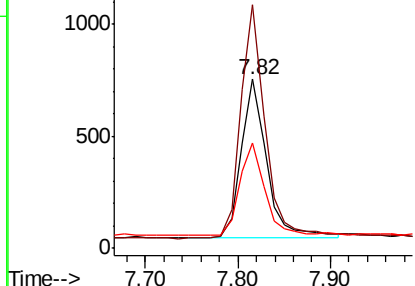
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099714.D
Acq: 22 May 2019 10:47

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

Tot Ion:152 Resp: 1348
Ion Ratio Lower Upper
152 100
150 144.3 109.2 163.8
115 62.1 43.7 65.5



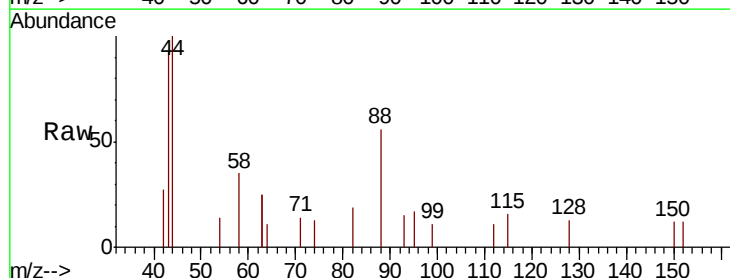
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



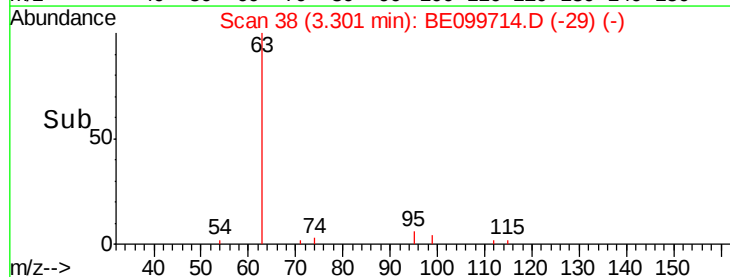
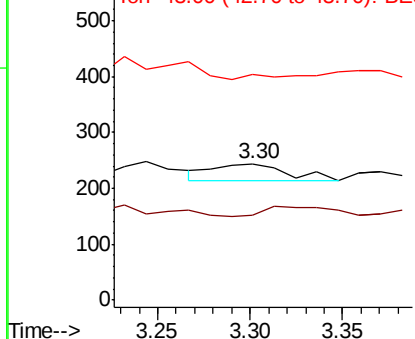
#2

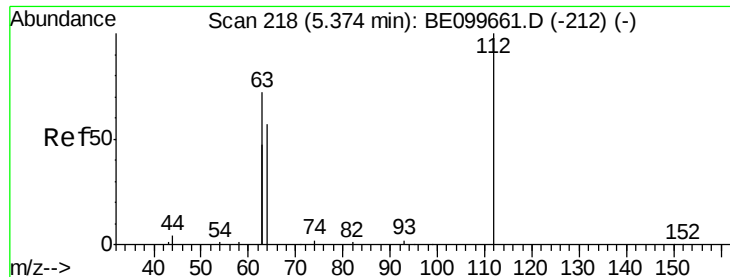
1,4-Dioxane
Concen: 0.044 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099714.D
Acq: 22 May 2019 10:47

Tgt Ion: 88 Resp: 88
Ion Ratio Lower Upper
88 100
58 52.3 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





#4

2-Fluorophenol

Concen: 0.032 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

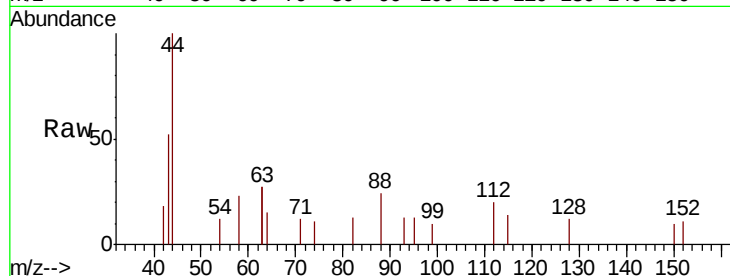
Tot Ion:112 Resp: 109

Ion Ratio Lower Upper

112 100

64 70.6 43.4 65.2#

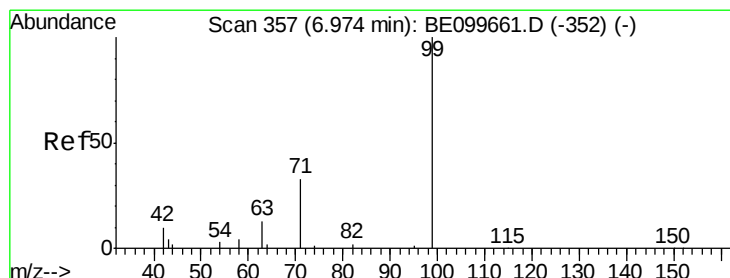
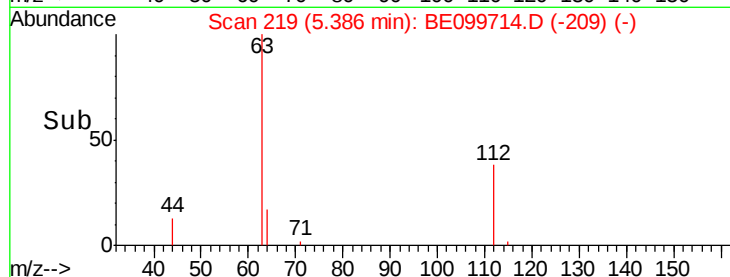
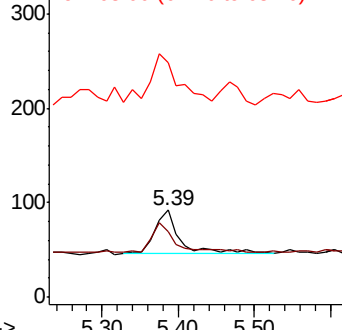
63 122.0 96.9 145.3



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



#5

Phenol-d6

Concen: 0.032 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

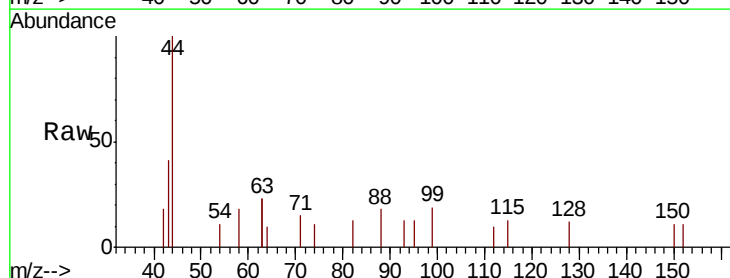
Tgt Ion: 99 Resp: 143

Ion Ratio Lower Upper

99 100

42 33.6 12.2 18.2#

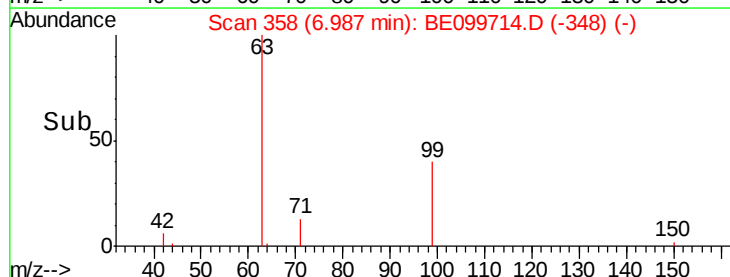
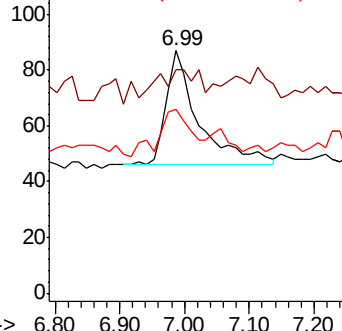
71 39.9 28.9 43.3

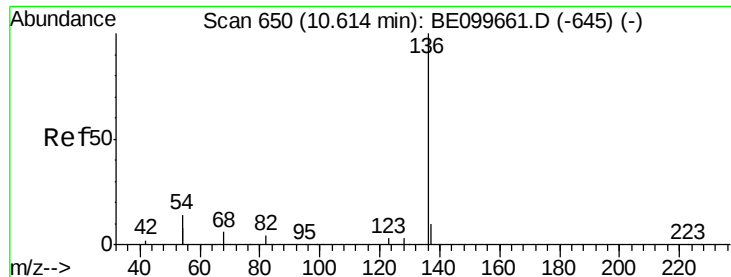


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

Tot Ion:136 Resp: 4906

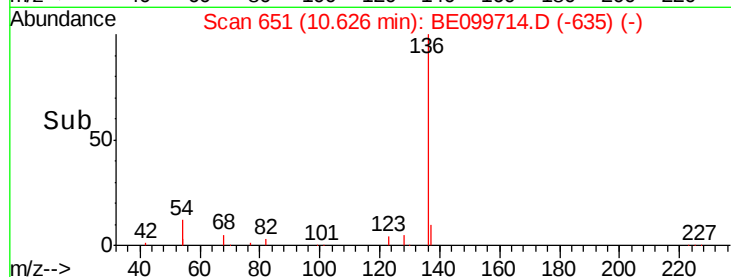
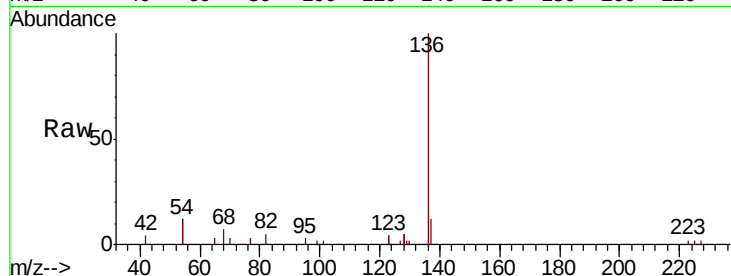
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 24.4 22.3 33.5

68 7.1 6.0 9.0

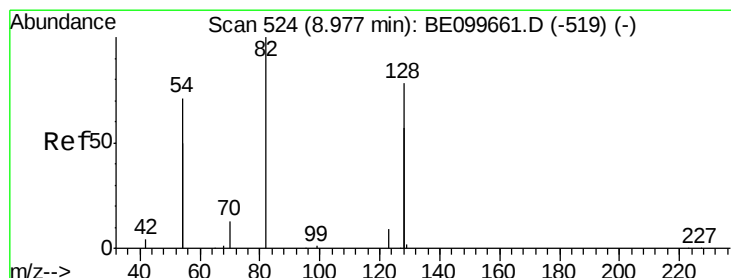
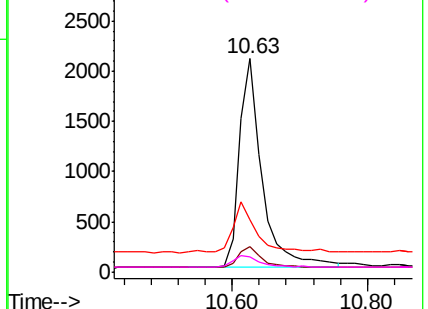


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.018 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.03 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

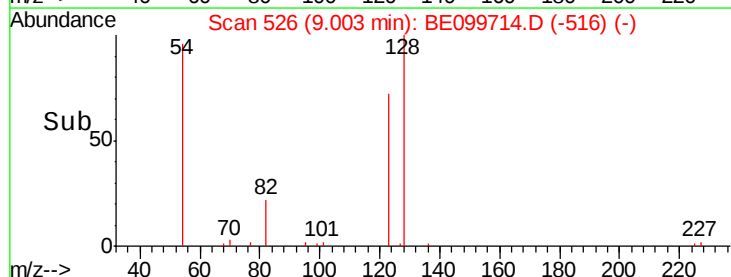
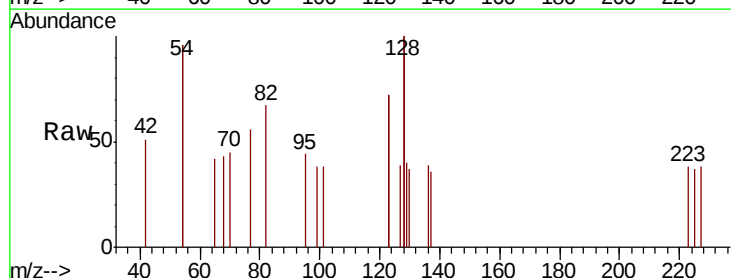
Tgt Ion: 82 Resp: 76

Ion Ratio Lower Upper

82 100

128 296.5 117.7 176.5#

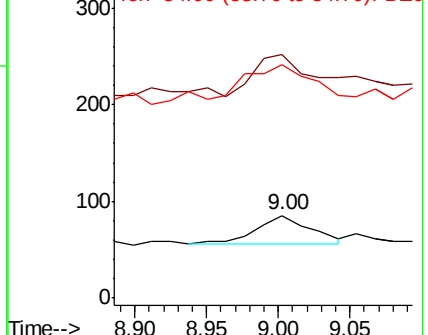
54 284.7 106.6 160.0#

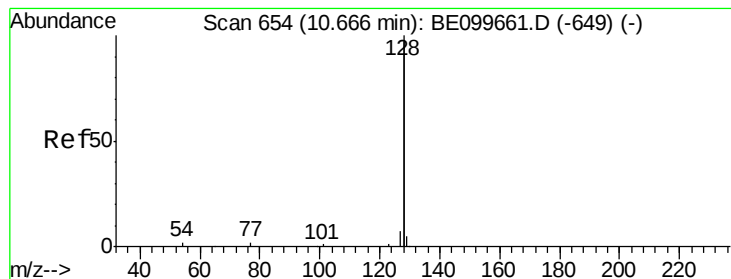


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.056 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

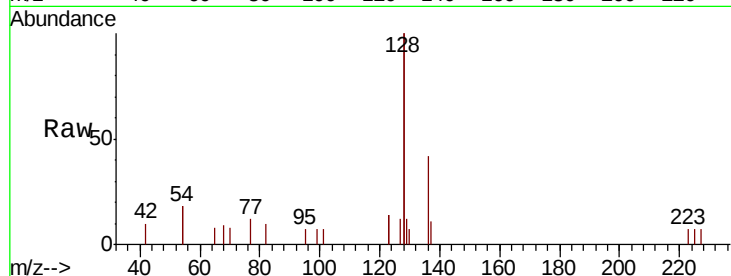
Tot Ion:128 Resp: 2929

Ion Ratio Lower Upper

128 100

129 6.0 2.4 3.6#

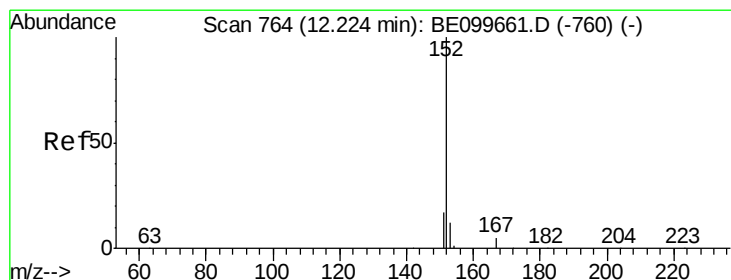
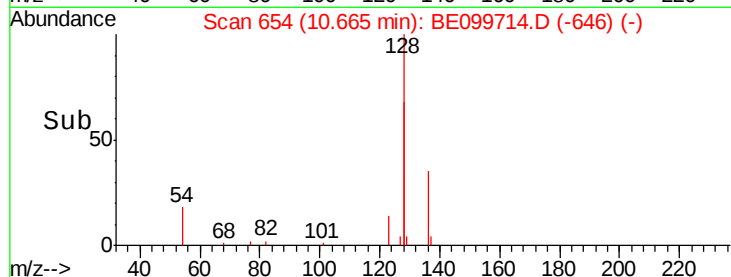
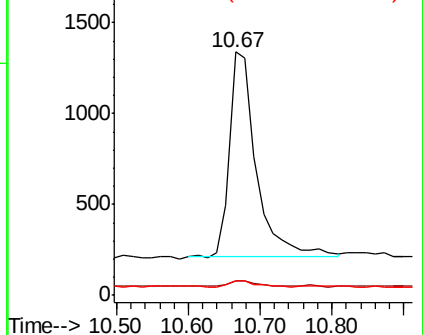
127 5.9 2.9 4.3#



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: 0.031 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE099714.D

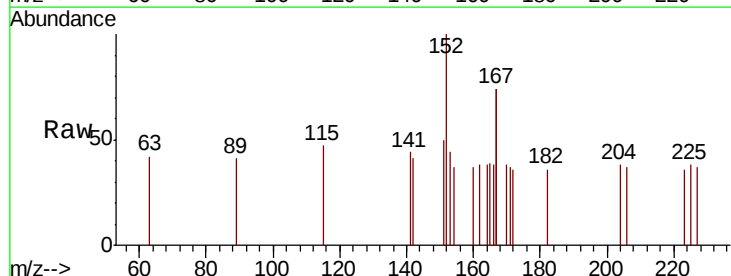
Acq: 22 May 2019 10:47

Tgt Ion:152 Resp: 266

Ion Ratio Lower Upper

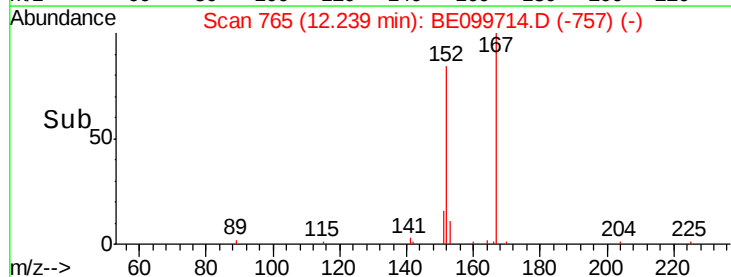
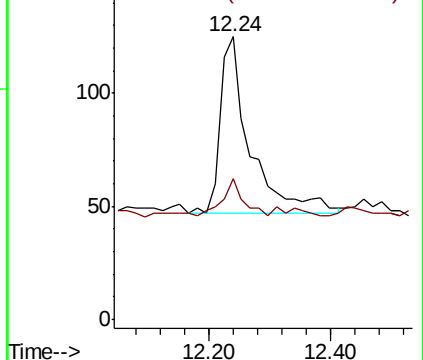
152 100

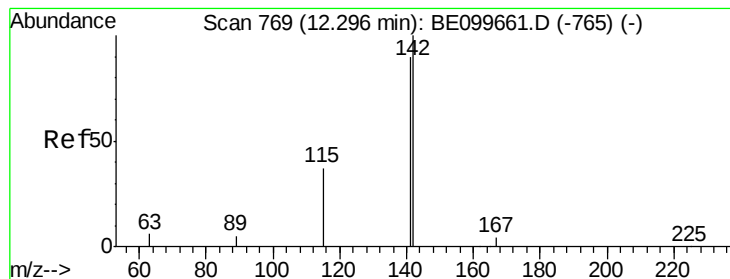
151 13.5 15.0 22.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.030 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

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ClientSampleId :

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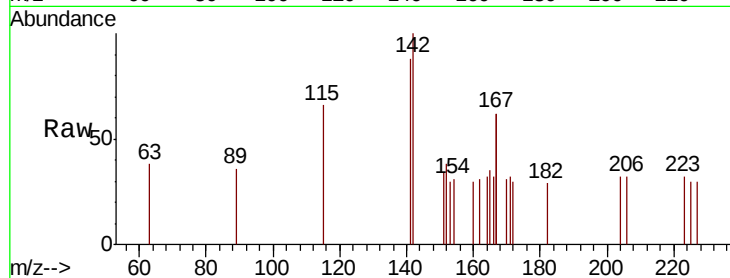
Tot Ion:142 Resp: 257

Ion Ratio Lower Upper

142 100

141 87.9 72.0 108.0

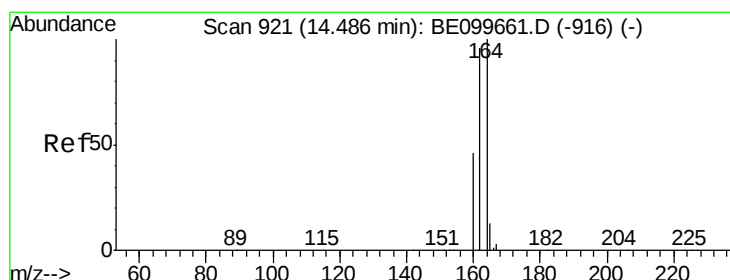
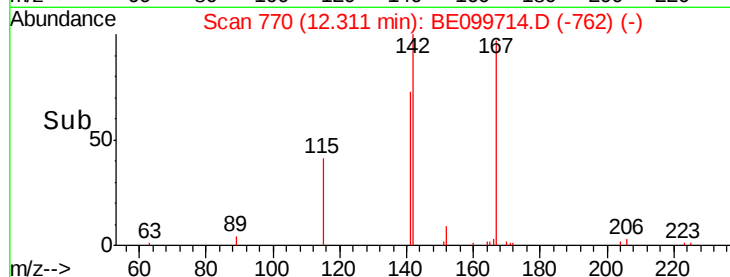
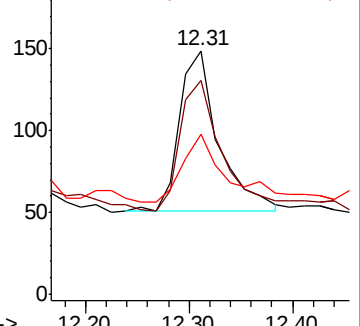
115 65.8 31.0 46.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

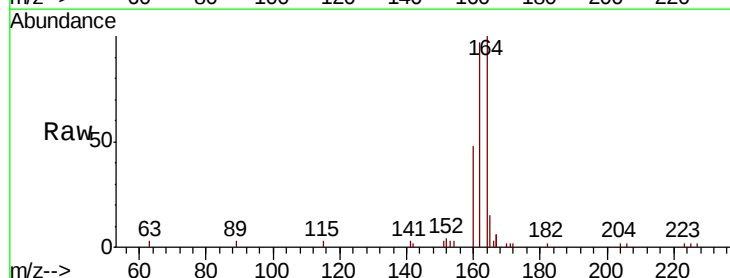
Tgt Ion:164 Resp: 3687

Ion Ratio Lower Upper

164 100

162 97.2 76.5 114.7

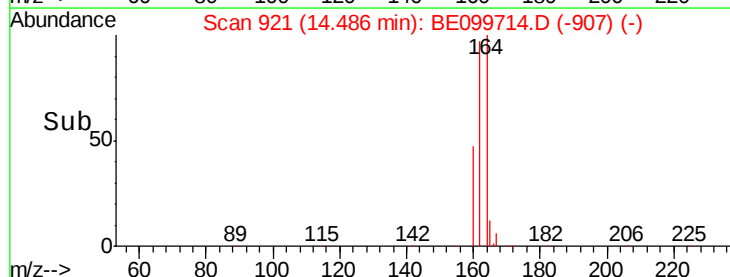
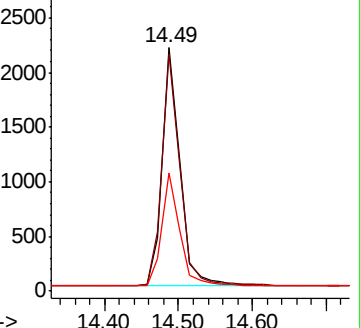
160 48.4 37.4 56.2

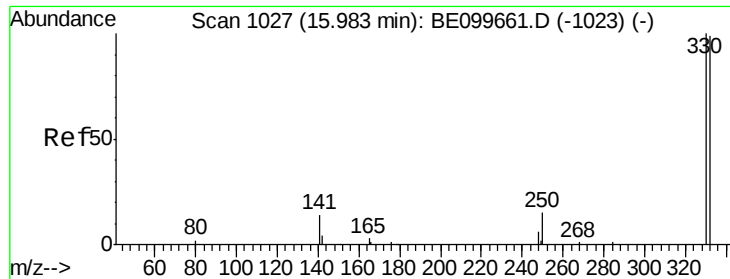


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

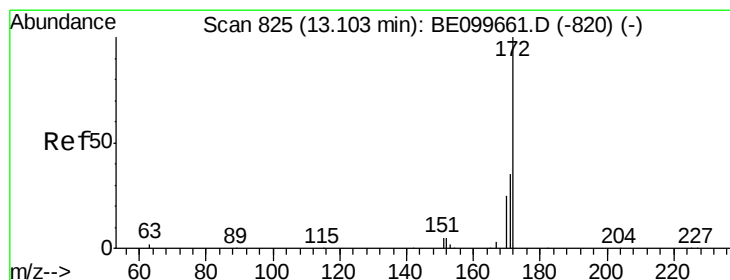
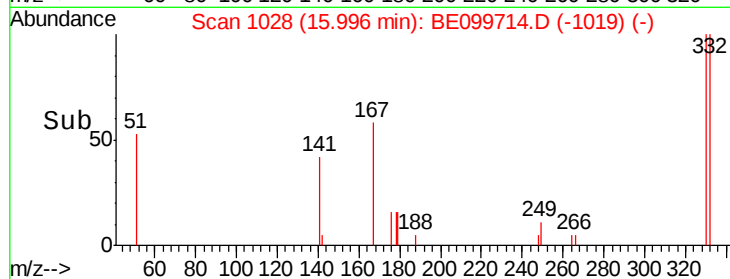
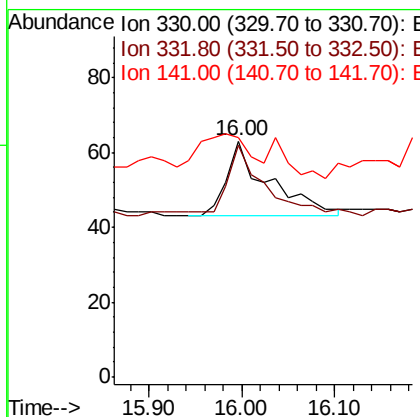
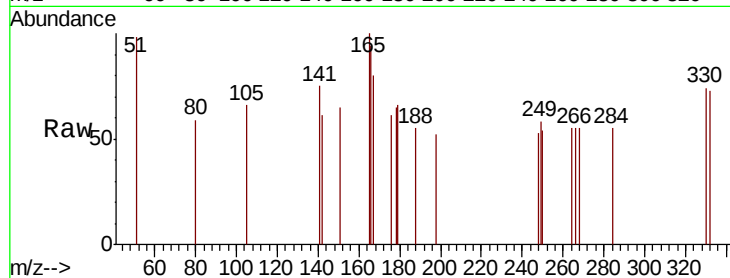




#14
 2,4,6-Tribromophenol
 Concen: 0.166 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099714.D
 Acq: 22 May 2019 10:47

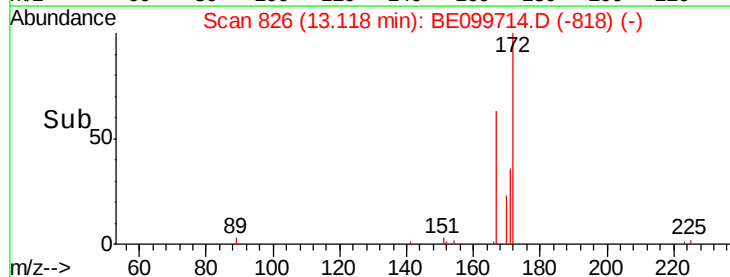
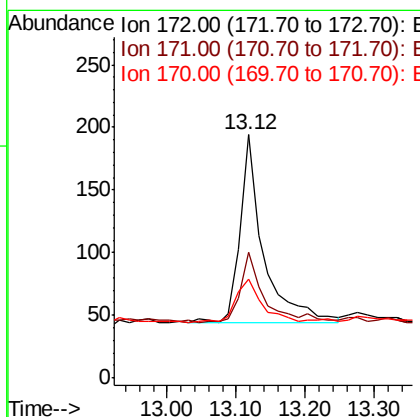
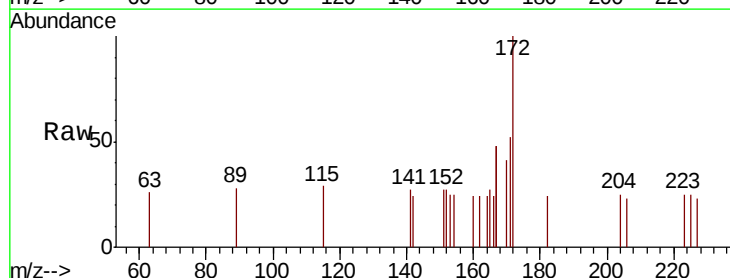
Instrument :
 BNA_E
 ClientSampleId :
 FESB-5(4.5-5)DL

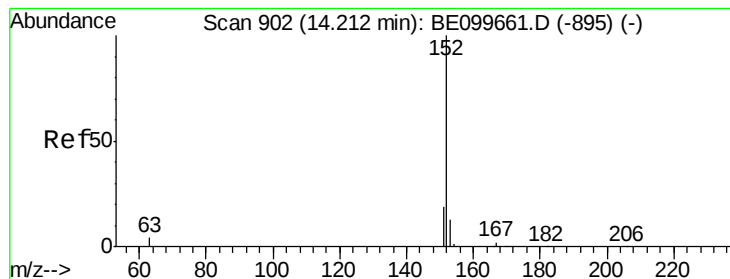
Tot Ion:330 Resp: 64
 Ion Ratio Lower Upper
 330 100
 332 84.4 77.3 115.9
 141 48.4 18.9 28.3#



#15
 2-Fluorobiphenyl
 Concen: 0.025 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099714.D
 Acq: 22 May 2019 10:47

Tgt Ion:172 Resp: 352
 Ion Ratio Lower Upper
 172 100
 171 51.5 28.7 43.1#
 170 40.7 20.9 31.3#





#16

Acenaphthylene

Concen: 0.215 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

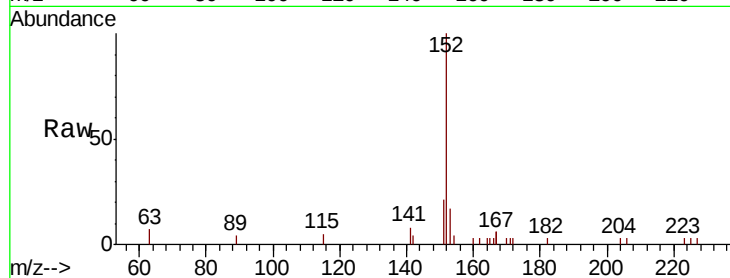
Tot Ion:152 Resp: 3692

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

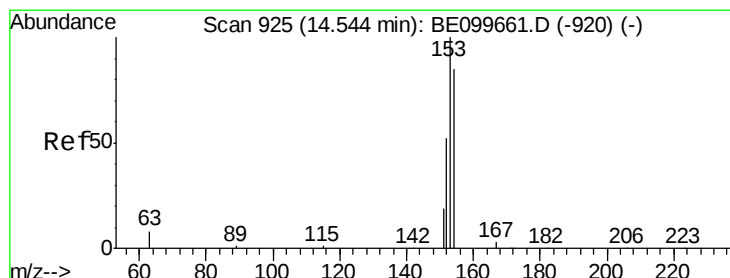
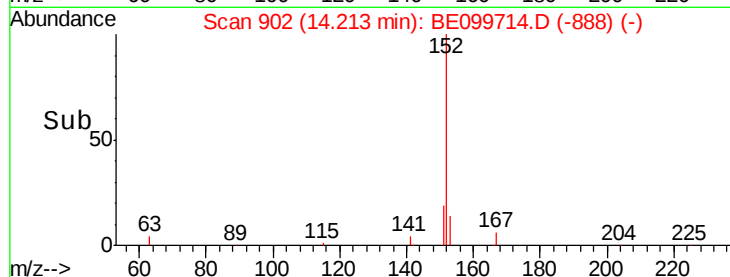
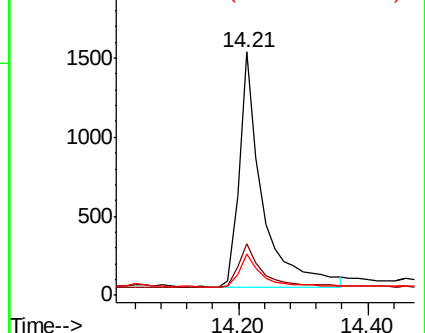
153 14.1 10.6 16.0



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: 0.072 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

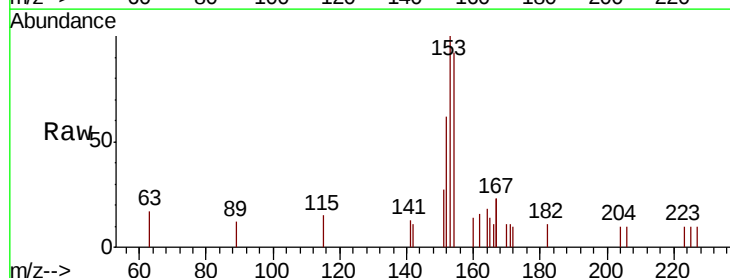
Tgt Ion:154 Resp: 695

Ion Ratio Lower Upper

154 100

153 113.8 91.8 137.6

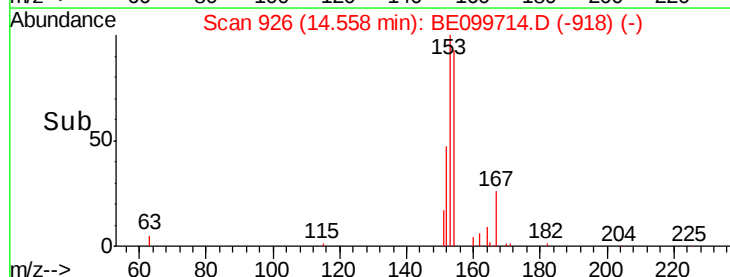
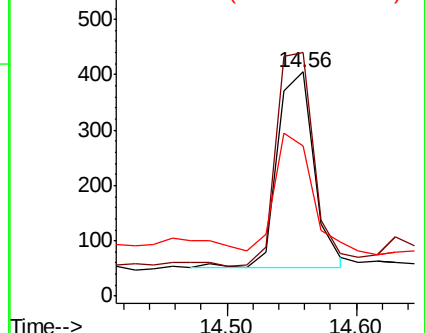
152 59.7 46.0 69.0

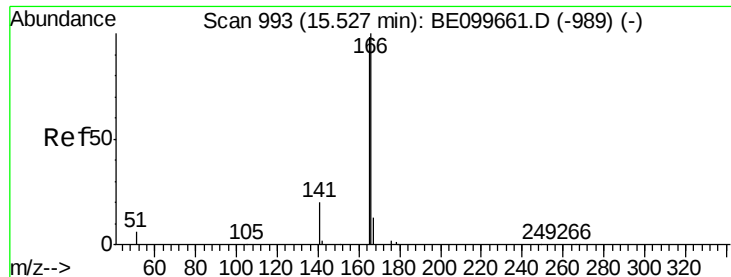


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

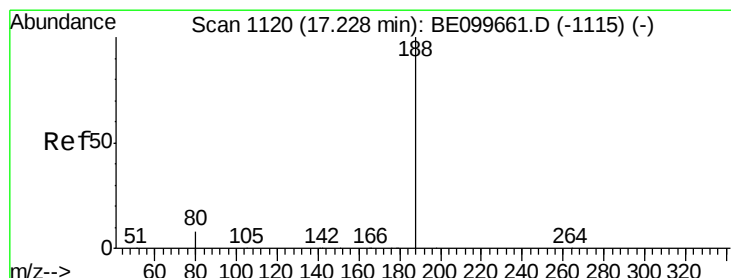
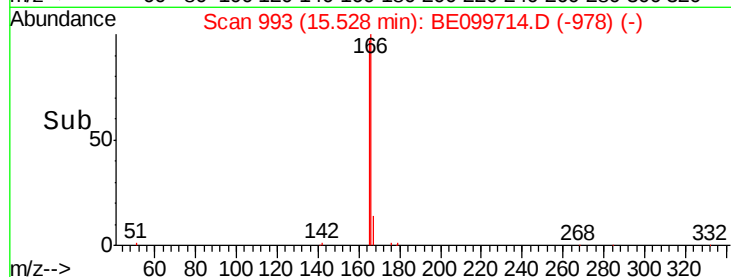
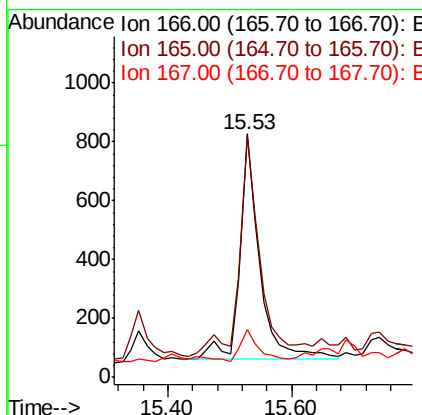
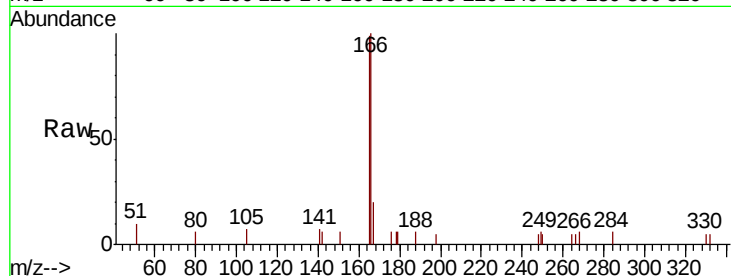




#18
Fluorene
 Concen: 0.122 ng
 RT: 15.53 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BE099714.D
 Acq: 22 May 2019 10:47

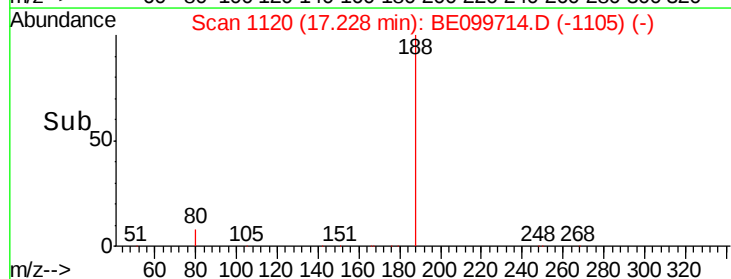
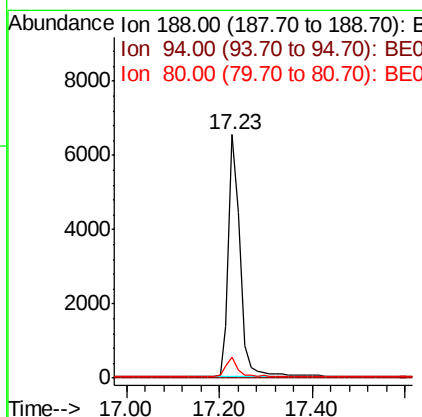
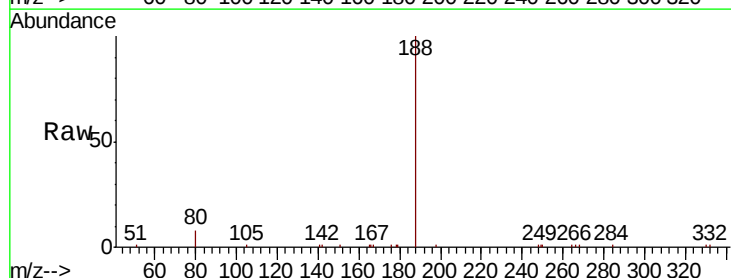
Instrument :
 BNA_E
 ClientSampleId :
 FESB-5(4.5-5)DL

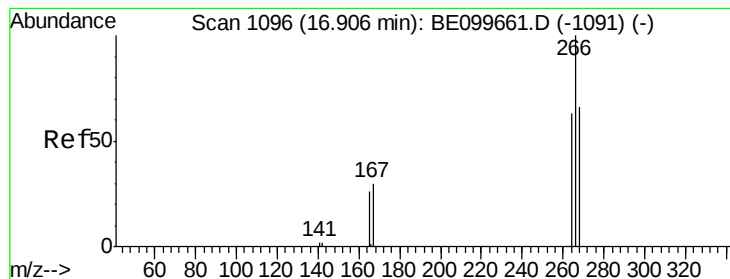
Tot Ion:166 Resp: 1727
 Ion Ratio Lower Upper
 166 100
 165 101.5 80.3 120.5
 167 11.2 10.6 16.0



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE099714.D
 Acq: 22 May 2019 10:47

Tgt Ion:188 Resp: 11302
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.4 6.7 10.1





#22

Pentachlorophenol

Concen: 0.188 ng

RT: 16.96 min Scan# 1100

Delta R.T. 0.05 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

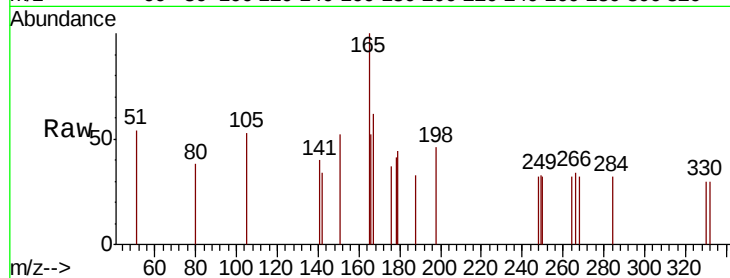
Tot Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 92.2 57.2 85.8#

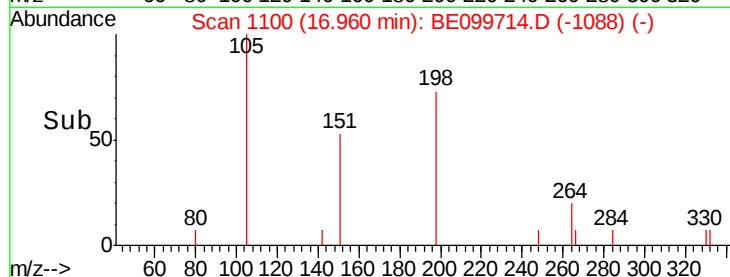
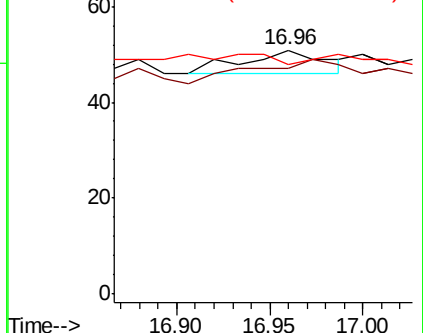
268 94.1 60.5 90.7#



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: 1.580 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

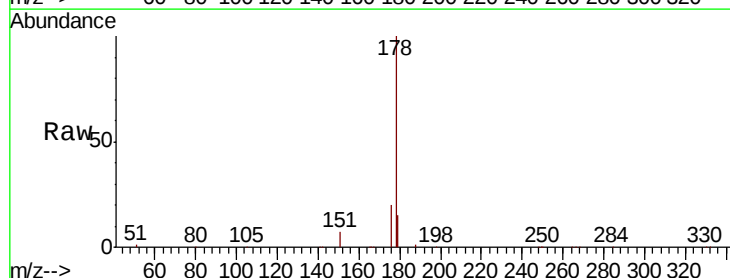
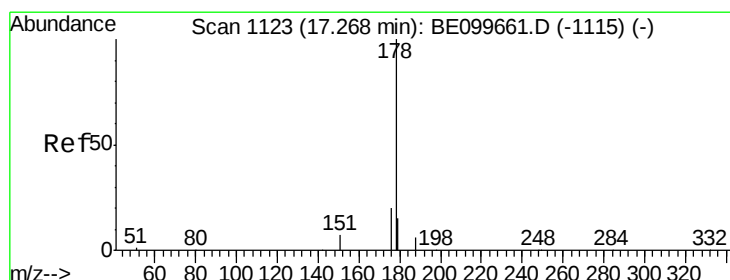
Tgt Ion:178 Resp: 43636

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

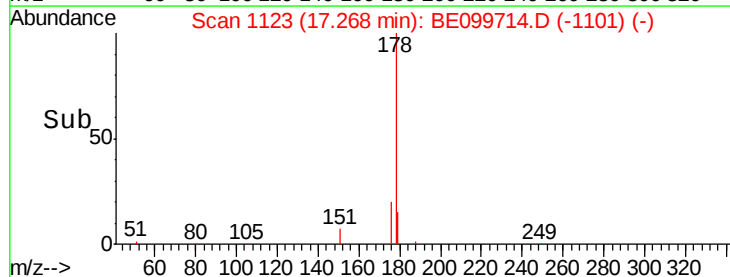
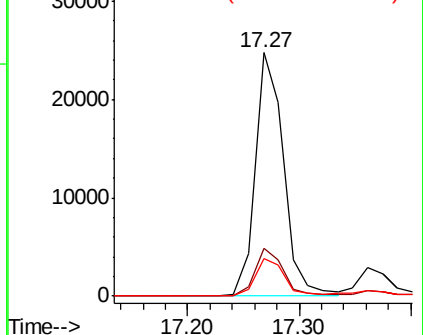
179 15.2 12.2 18.4

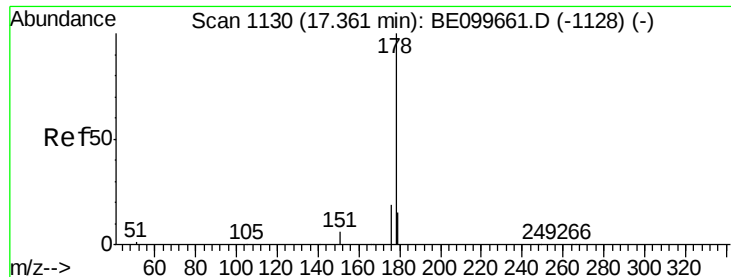


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.204 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

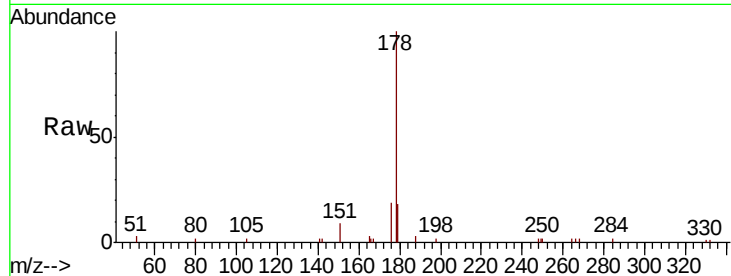
Tot Ion:178 Resp: 5108

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 12.5 12.0 18.0

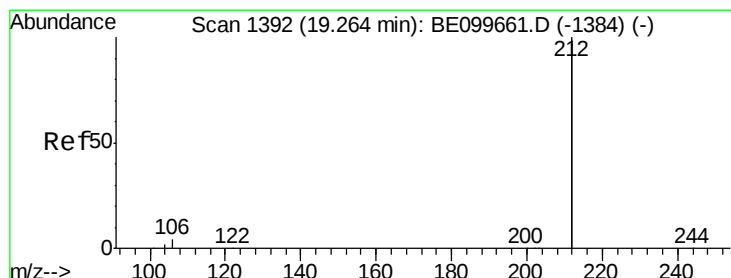
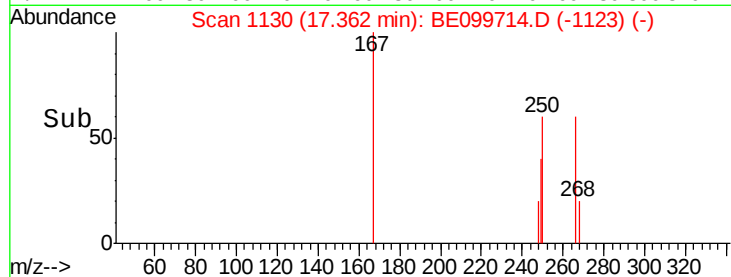
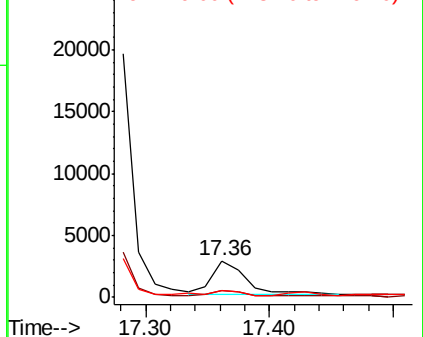


Abundance

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: 0.022 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

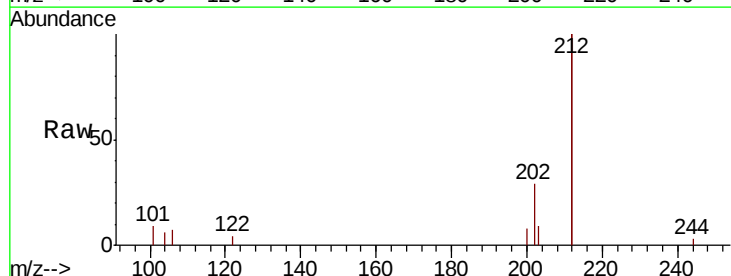
Tgt Ion:212 Resp: 3389

Ion Ratio Lower Upper

212 100

106 2.3 1.4 2.2#

104 1.9 0.8 1.2#

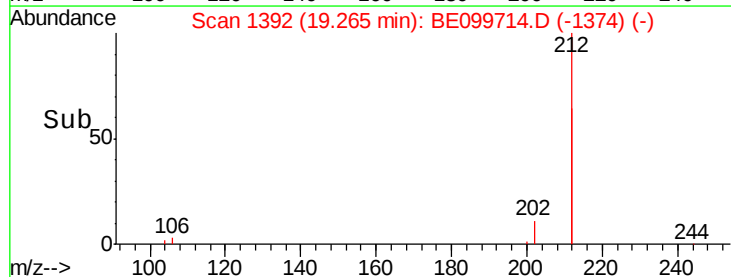
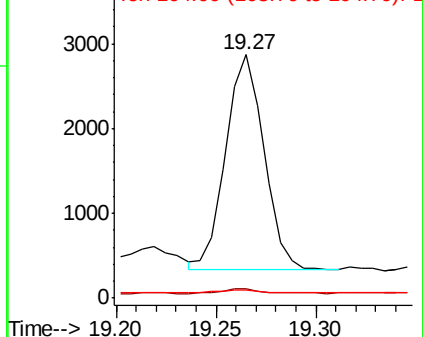


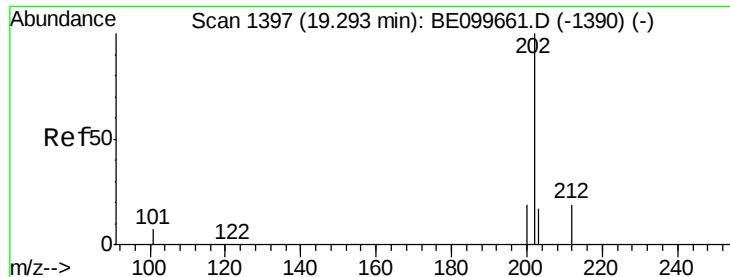
Abundance

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

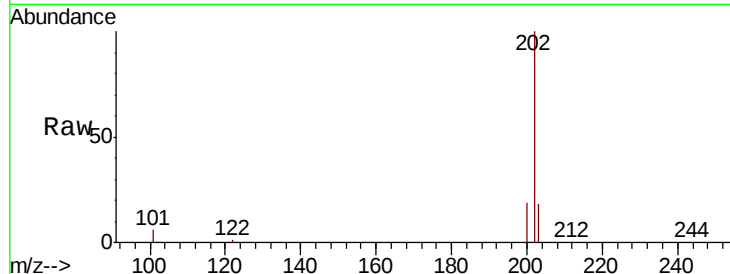




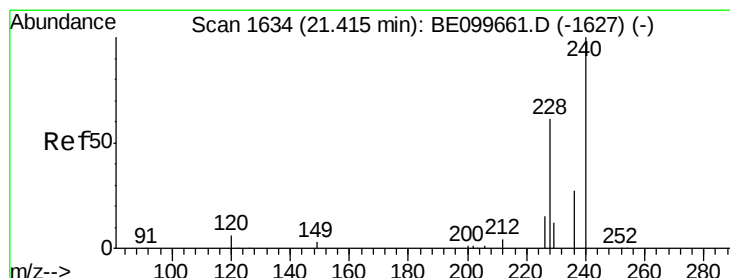
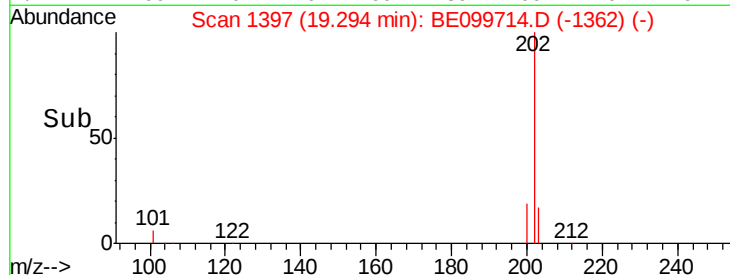
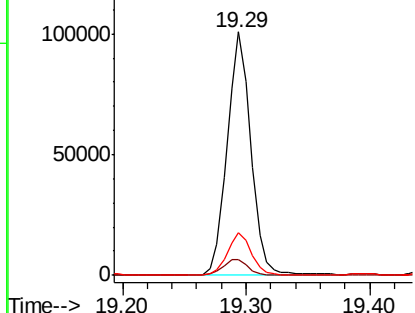
#26
 Fluoranthene
 Concen: 3.068 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BE099714.D
 Acq: 22 May 2019 10:47

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

Tot Ion:202 Resp: 133948
 Ion Ratio Lower Upper
 202 100
 101 6.8 5.2 7.8
 203 17.5 13.8 20.6

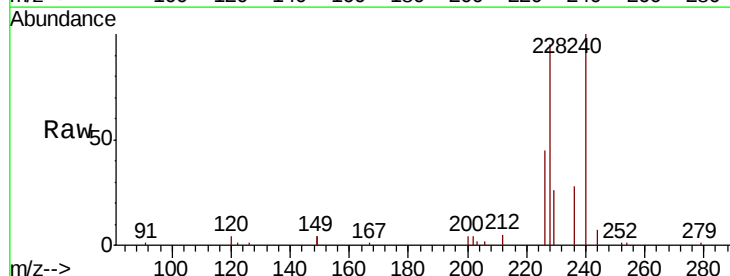


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

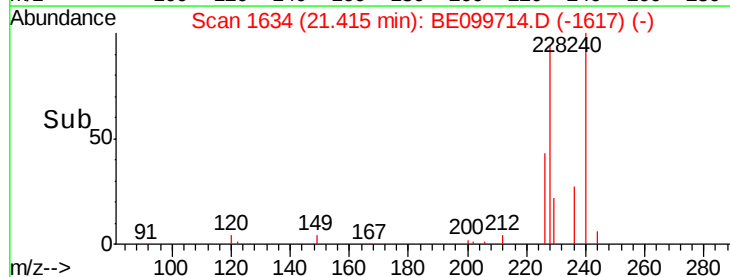
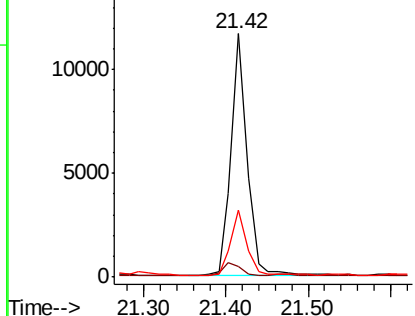


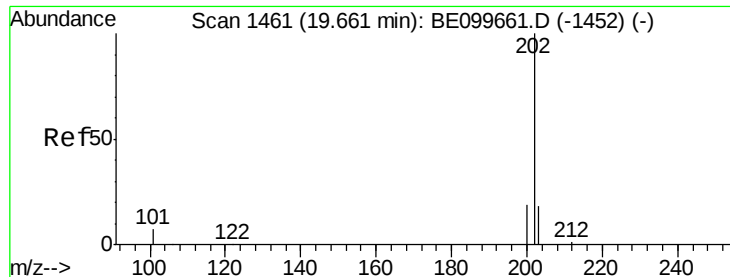
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099714.D
 Acq: 22 May 2019 10:47

Tgt Ion:240 Resp: 15799
 Ion Ratio Lower Upper
 240 100
 120 4.3 5.4 8.0#
 236 27.5 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

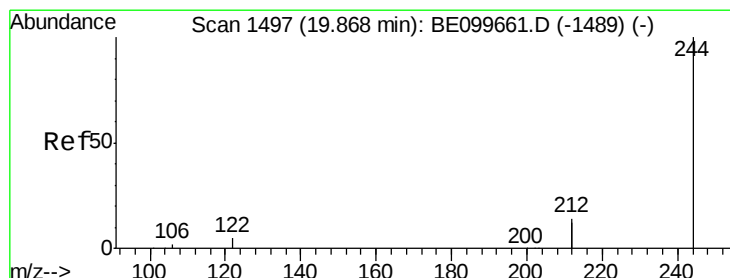
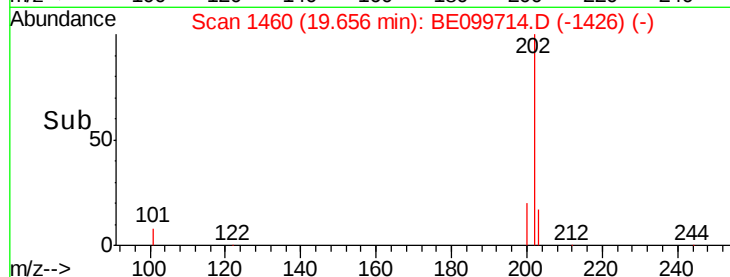
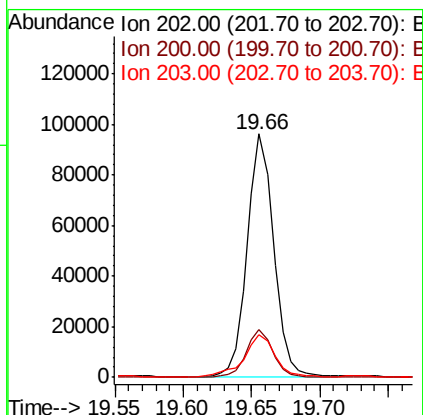
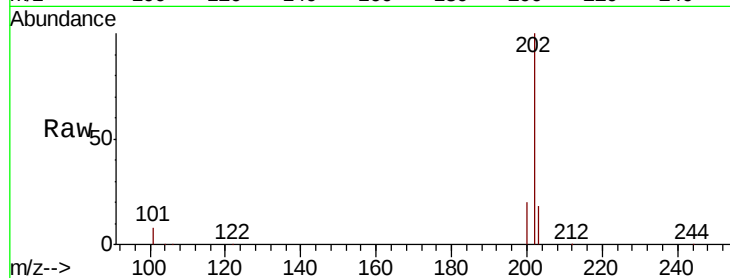




#28
Pvrene
Concen: 3.234 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BE099714.D
Acq: 22 May 2019 10:47

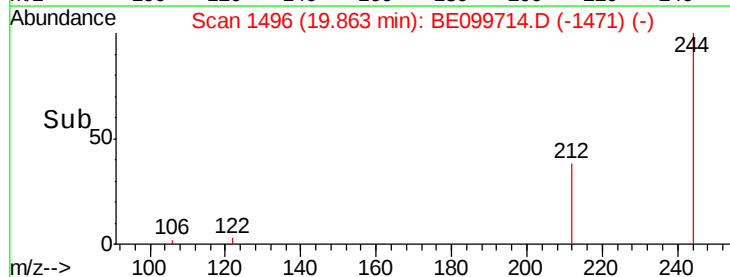
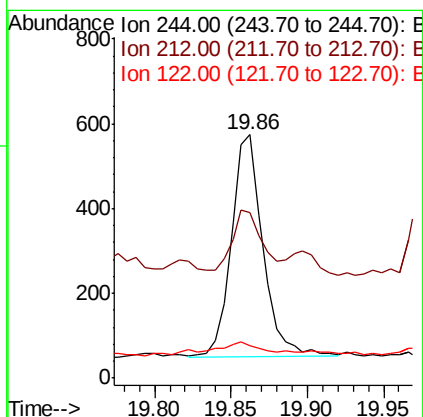
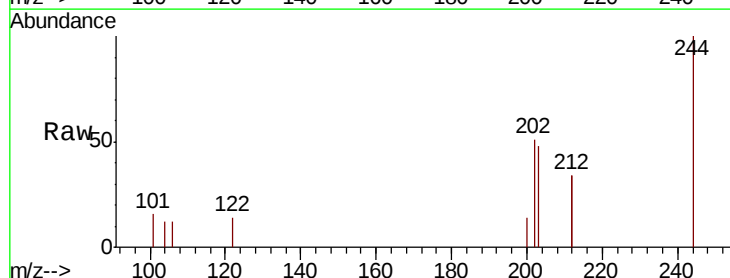
Instrument :
BNA_E
ClientSampleId :
FESB-5(4.5-5)DL

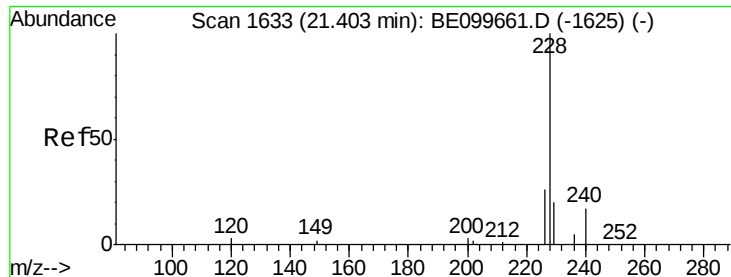
Tot Ion:202 Resp: 128373
Ion Ratio Lower Upper
202 100
200 19.6 15.4 23.2
203 20.3 13.8 20.8



#29
Terphenyl-d14
Concen: 0.027 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE099714.D
Acq: 22 May 2019 10:47

Tgt Ion:244 Resp: 750
Ion Ratio Lower Upper
244 100
212 67.9 22.5 33.7#
122 13.6 4.3 6.5#





#30

Benzo(a)anthracene

Concen: 1.606 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

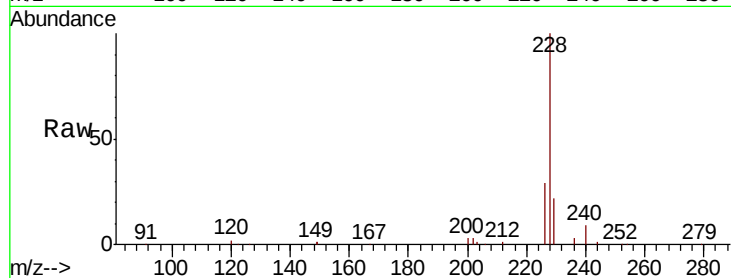
Tot Ion:228 Resp: 72094

Ion Ratio Lower Upper

228 100

226 28.8 21.3 31.9

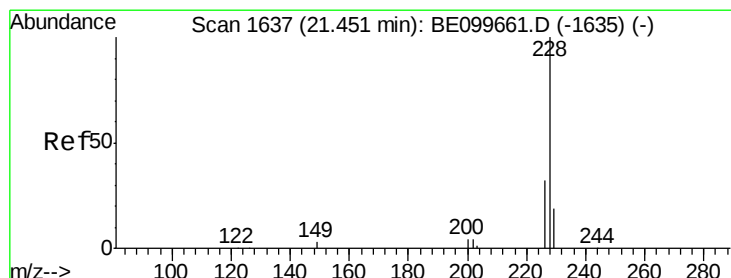
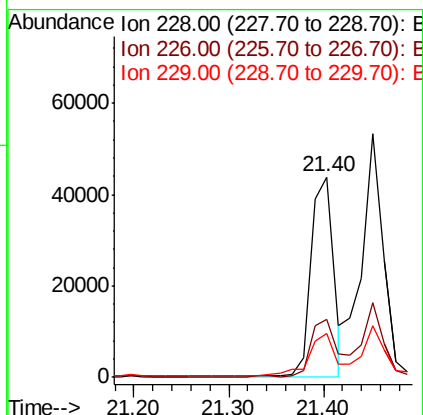
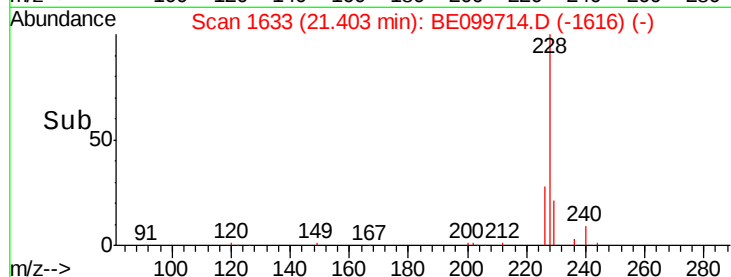
229 21.7 16.1 24.1



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: 1.574 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

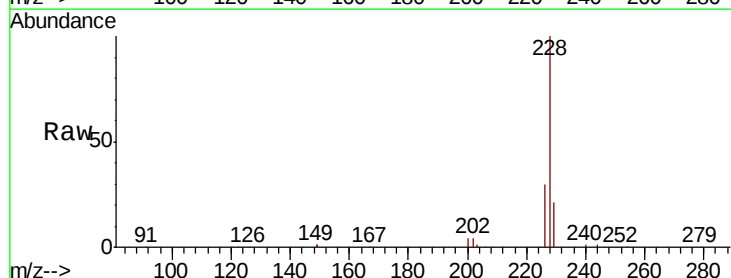
Tgt Ion:228 Resp: 75562

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

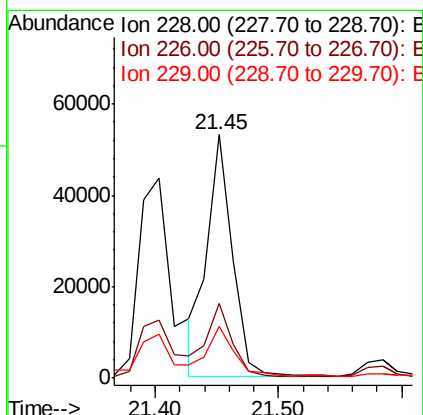
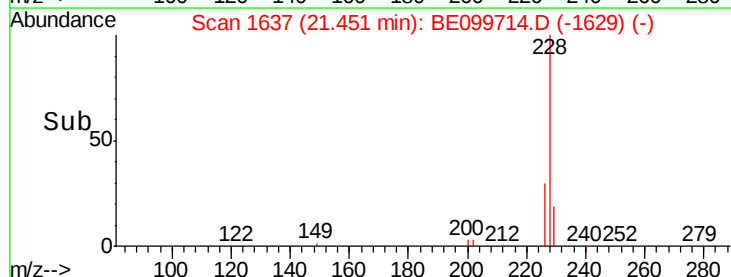
229 21.4 15.8 23.6

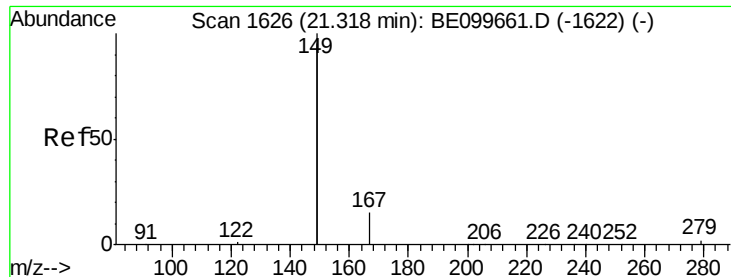


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.178 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

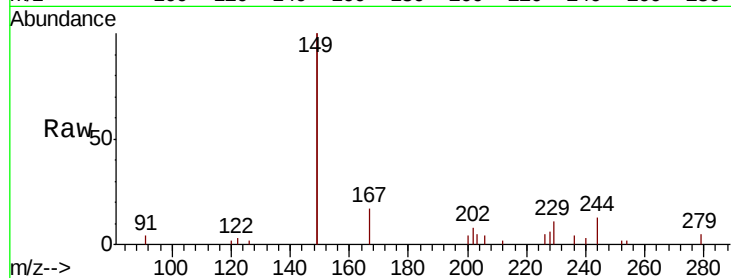
BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

Tot Ion:149 Resp: 9197

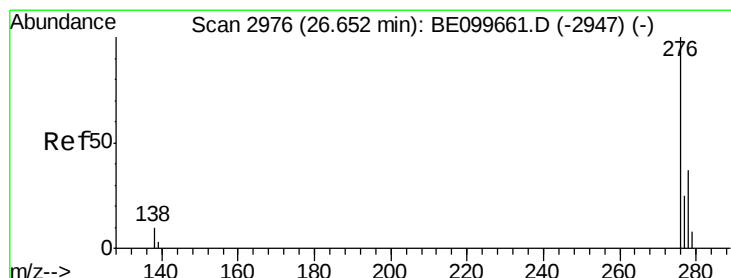
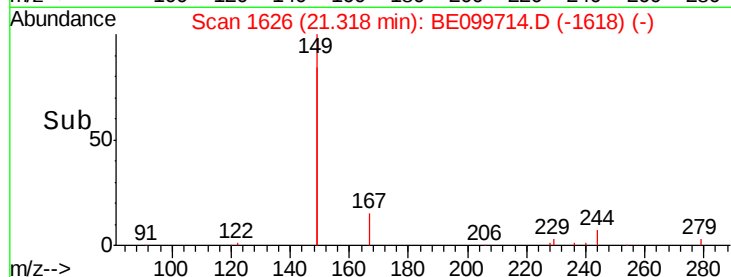
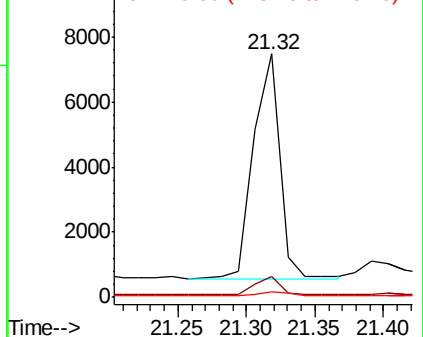
Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.2	9.4
279	1.7	1.2	1.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.909 ng

RT: 26.64 min Scan# 2973

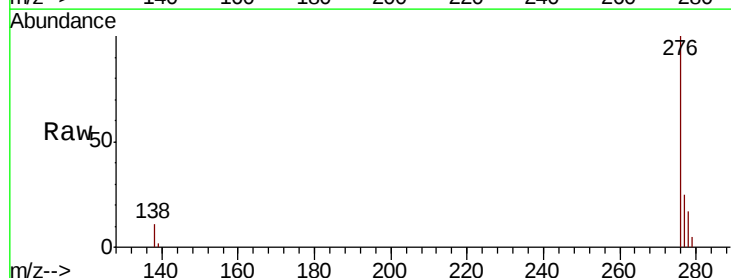
Delta R.T. -0.01 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Tgt Ion:276 Resp: 52704

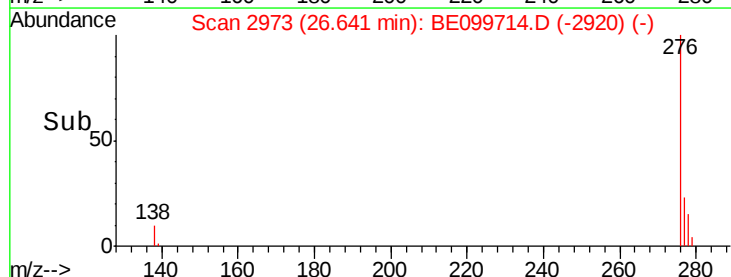
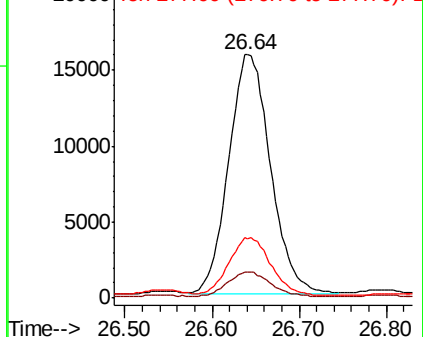
Ion	Ratio	Lower	Upper
276	100		
138	10.4	9.6	14.4
277	24.4	19.2	28.8

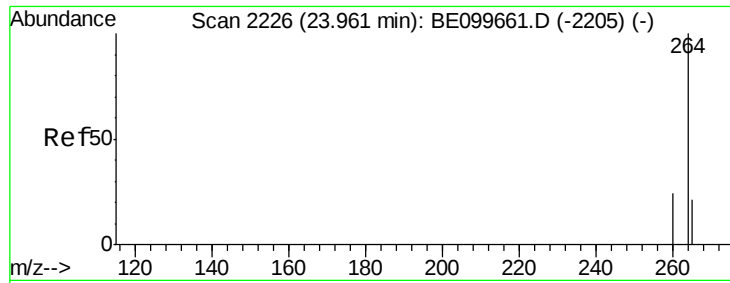


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

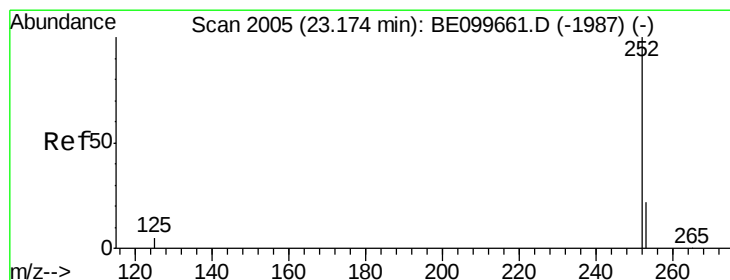
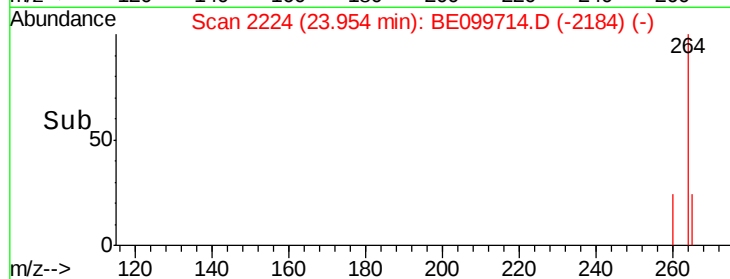
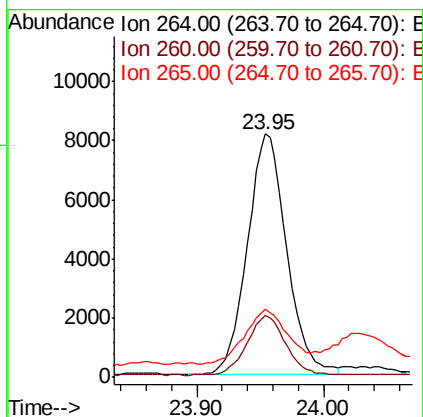
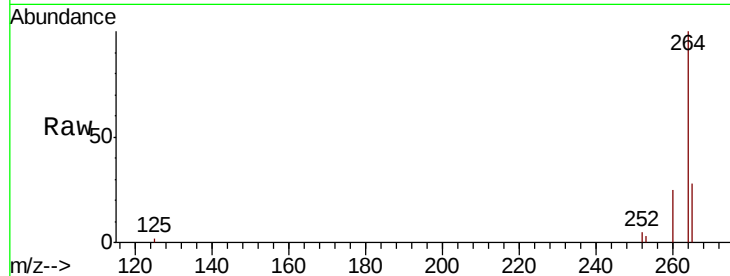




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BE099714.D
 Acq: 22 May 2019 10:47

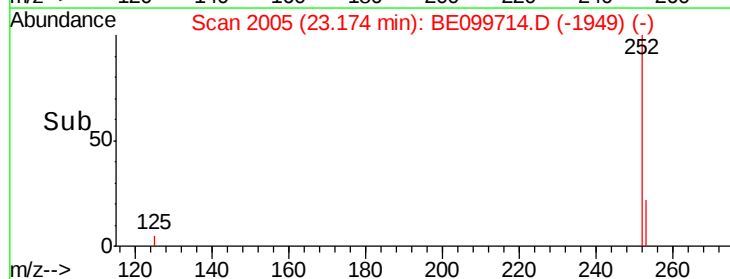
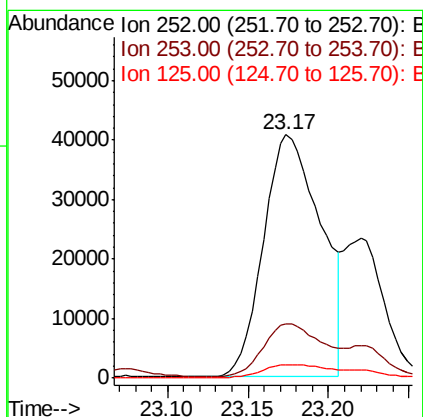
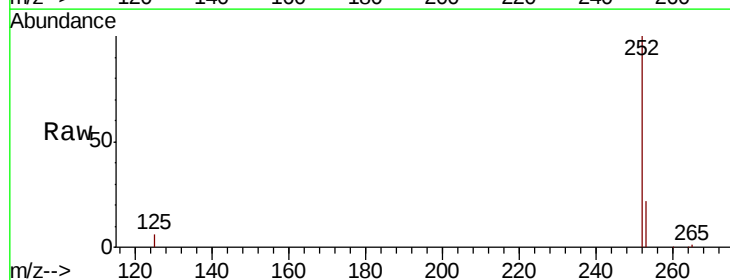
Instrument :
 BNA_E
 ClientSampleId :
 FESB-5(4.5-5)DL

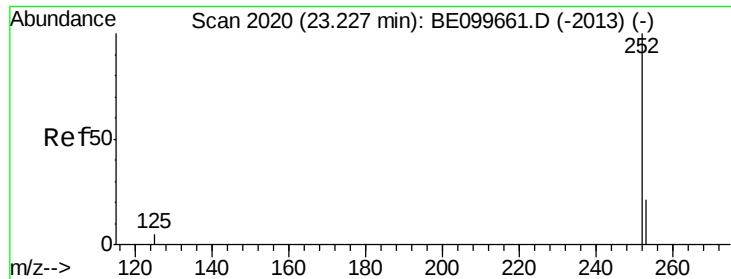
Tot Ion:264 Resp: 17532
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 27.8 19.1 28.7



#35
 Benzo(b)fluoranthene
 Concen: 2.112 ng
 RT: 23.17 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BE099714.D
 Acq: 22 May 2019 10:47

Tgt Ion:252 Resp: 101452
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.4
 125 5.7 4.5 6.7

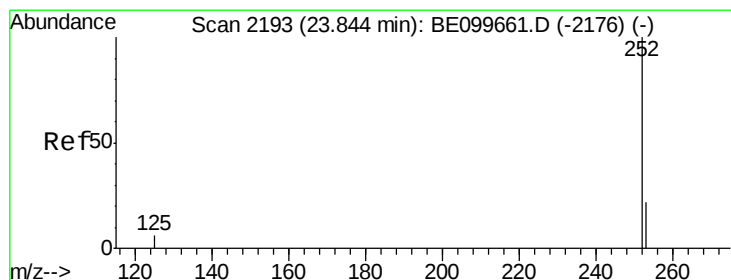
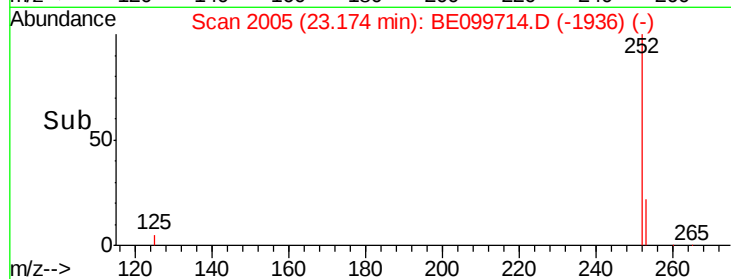
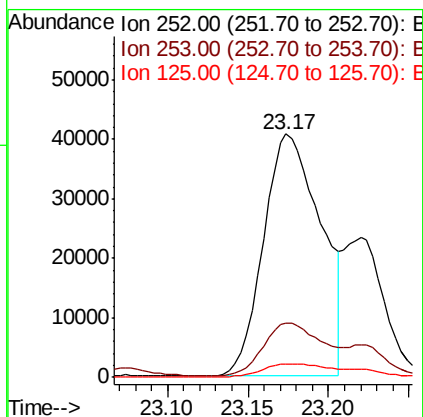
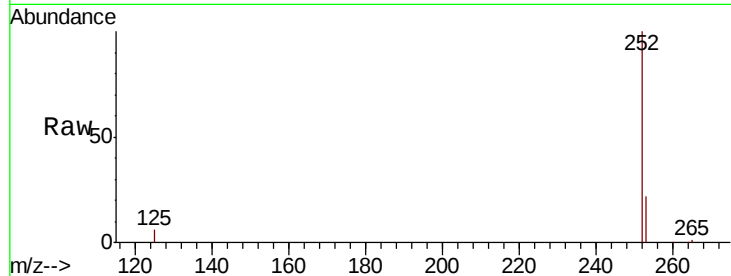




#36
Benzo(k)fluoranthene
Concen: 2.026 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.05 min
Lab File: BE099714.D
Acq: 22 May 2019 10:47

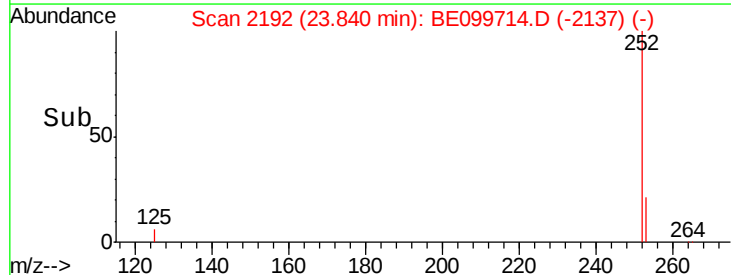
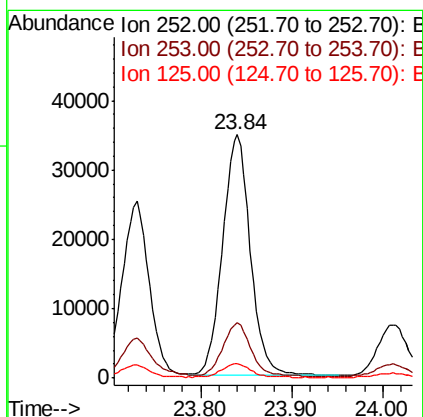
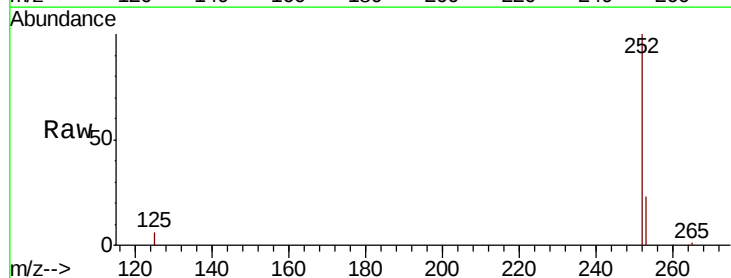
Instrument :
BNA_E
ClientSampleId :
FESB-5(4.5-5)DL

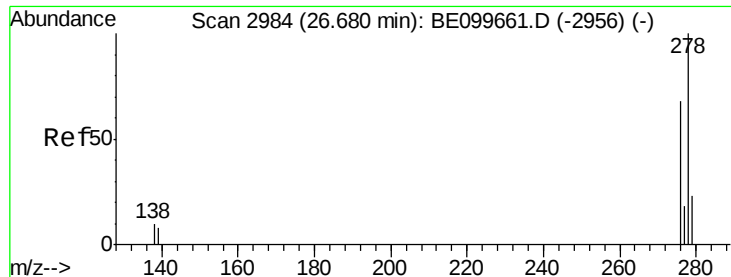
Tot Ion:252 Resp: 101452
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 5.7 4.6 6.8



#37
Benzo(a)pyrene
Concen: 1.589 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE099714.D
Acq: 22 May 2019 10:47

Tgt Ion:252 Resp: 73479
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 6.0 5.4 8.0





#38

Dibenzo(a,h)anthracene

Concen: 0.268 ng

RT: 26.66 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

Instrument :

BNA_E

ClientSampleId :

FESB-5(4.5-5)DL

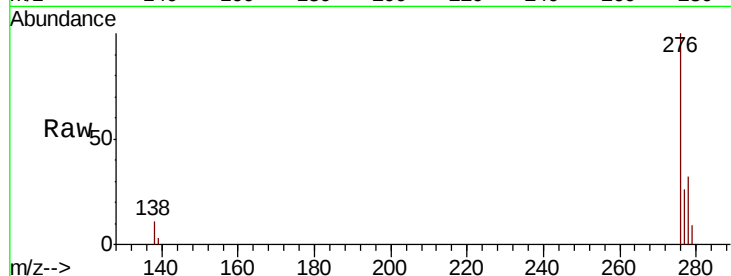
Tot Ion:278 Resp: 13011

Ion Ratio Lower Upper

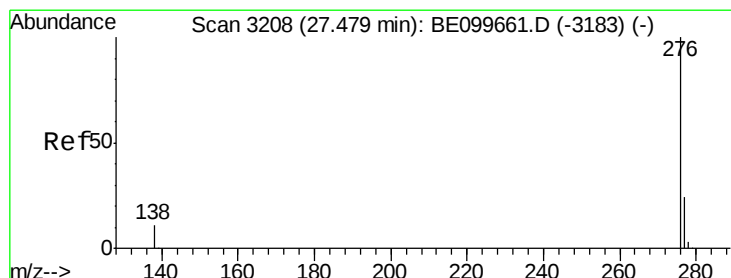
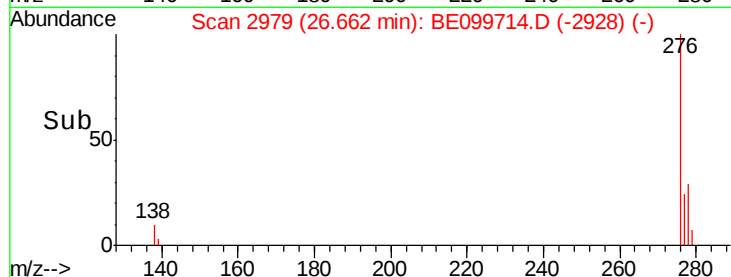
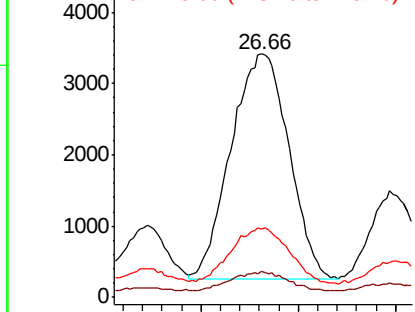
278 100

139 10.7 6.9 10.3#

279 28.0 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: 1.074 ng

RT: 27.48 min Scan# 3208

Delta R.T. 0.00 min

Lab File: BE099714.D

Acq: 22 May 2019 10:47

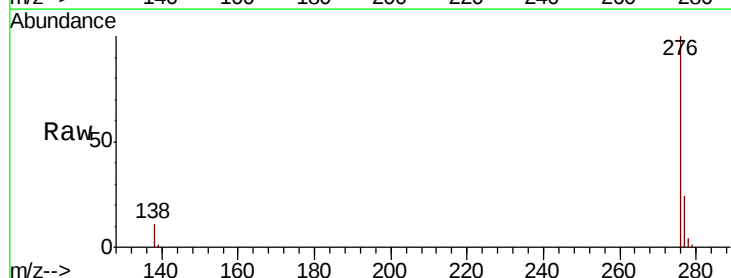
Tgt Ion:276 Resp: 52664

Ion Ratio Lower Upper

276 100

277 24.4 19.8 29.6

138 10.6 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

