

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099676.D
 Acq On : 21 May 2019 00:45
 Operator : JU/SJ
 Sample : K2906-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-12(9.5-10)

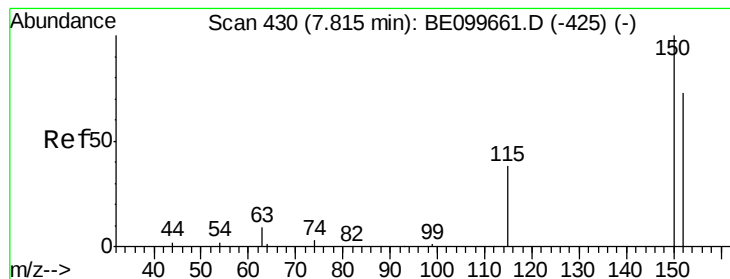
Quant Time: May 21 06:43:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1517	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	5031	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3648	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11158	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15320	0.40	ng	0.00
34) Perylene-d12	23.96	264	18424	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1460	0.38	ng	0.00
5) Phenol-d6	6.98	99	1990	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	1512	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3248	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	653	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4994	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	51961	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	11409	0.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	19	0.008	ng	# 1
3) n-Nitrosodimethylamine	3.67	42	22	0.018	ng	# 26
6) bis(2-Chloroethyl)ether	7.26	93	21	0.005	ng	# 1
9) Naphthalene	10.67	128	200	0.004	ng	# 55
10) Hexachlorobutadiene	10.94	225	4	0.001	ng	# 1
12) 2-Methylnaphthalene	12.30	142	20	0.002	ng	# 63
16) Acenaphthylene	14.21	152	45	0.003	ng	# 43
17) Acenaphthene	14.56	154	28	0.003	ng	# 84
18) Fluorene	15.53	166	31	0.002	ng	# 32
20) 4-Bromophenyl-phenylether	16.47	248	15	0.002	ng	# 61
21) Hexachlorobenzene	16.53	284	20	0.003	ng	# 17
22) Pentachlorophenol	16.91	266	14	0.188	ng	# 78
23) Phenanthrene	17.27	178	446	0.016	ng	# 78
24) Anthracene	17.36	178	41	0.002	ng	# 76
26) Fluoranthene	19.29	202	688	0.016	ng	# 91
28) Pyrene	19.65	202	632	0.016	ng	# 95
30) Benzo(a)anthracene	21.40	228	360	0.008	ng	# 46
31) Chrysene	21.45	228	354	0.008	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.32	149	43816	0.873	ng	100
33) Indeno(1,2,3-cd)pyrene	26.66	276	239	0.004	ng	# 90
35) Benzo(b)fluoranthene	23.17	252	593	0.012	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	593	0.011	ng	# 1
37) Benzo(a)pyrene	23.84	252	434	0.009	ng	# 1
38) Dibenzo(a,h)anthracene	26.66	278	10	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.48	276	245	0.005	ng	# 16

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

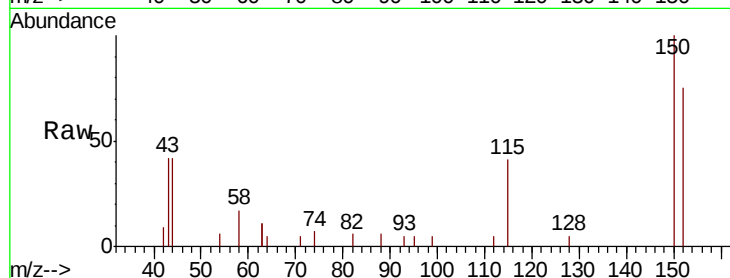
Tgt Ion:152 Resp: 1517

Ion Ratio Lower Upper

152 100

150 133.7 109.2 163.8

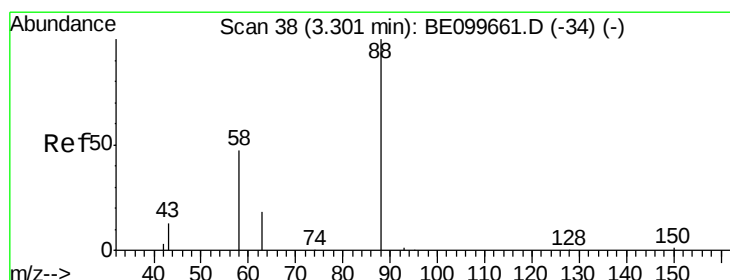
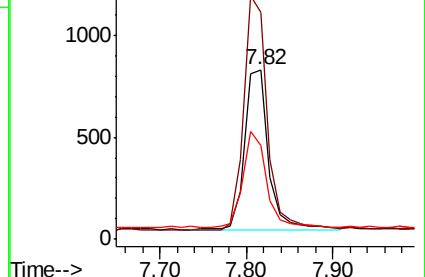
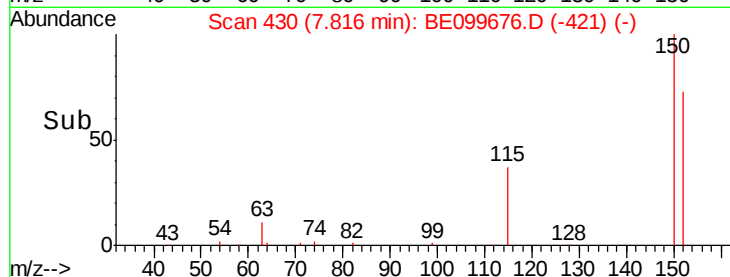
115 55.1 43.7 65.5



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: 0.008 ng

RT: 3.24 min Scan# 33

Delta R.T. -0.06 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

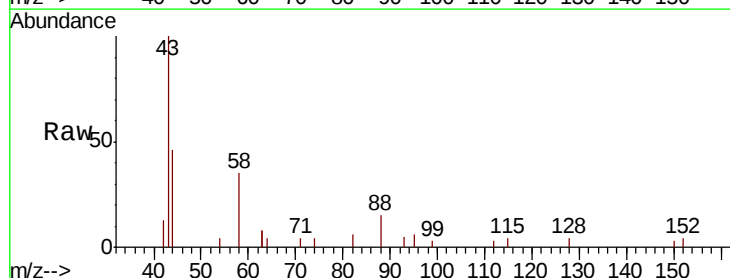
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

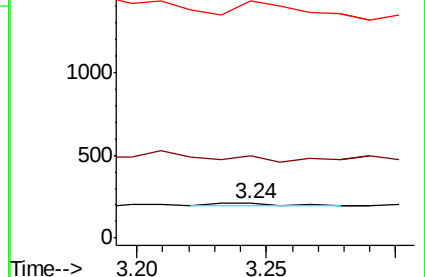
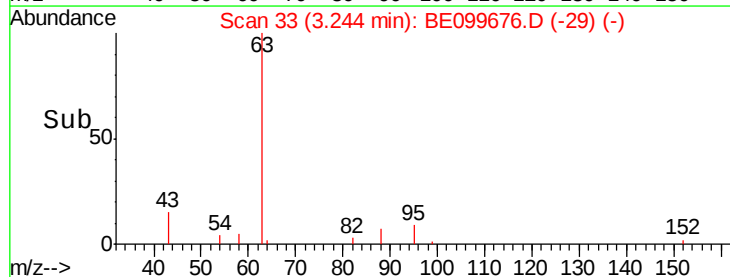
43 3305.3 15.0 22.4#



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: 0.018 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.04 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

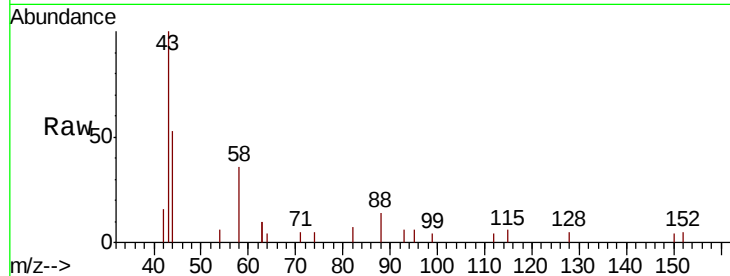
Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

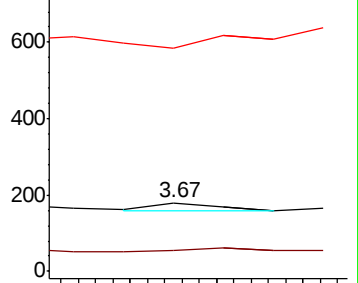
Tgt Ion:	42	Resp:	22
Ion	Ratio	Lower	Upper
42	100		
74	63.6	129.2	193.8#
44	0.0	0.0	0.0



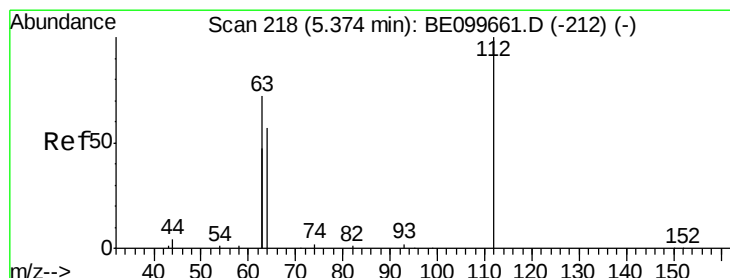
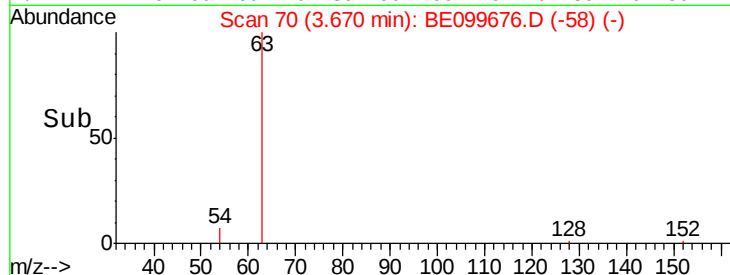
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.381 ng

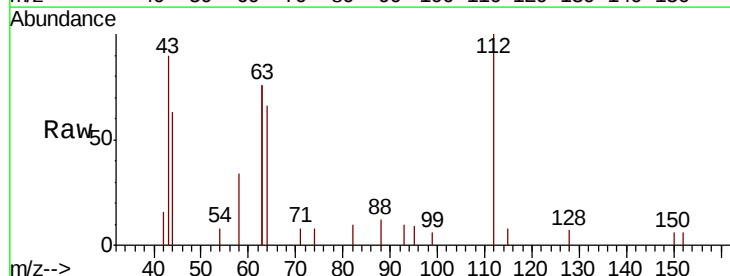
RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

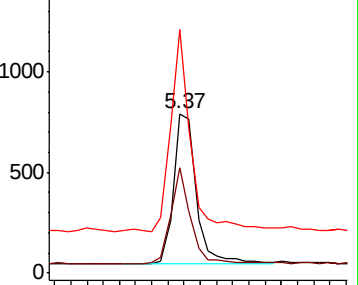
Tgt Ion:	112	Resp:	1460
Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.4	65.2
63	122.9	96.9	145.3



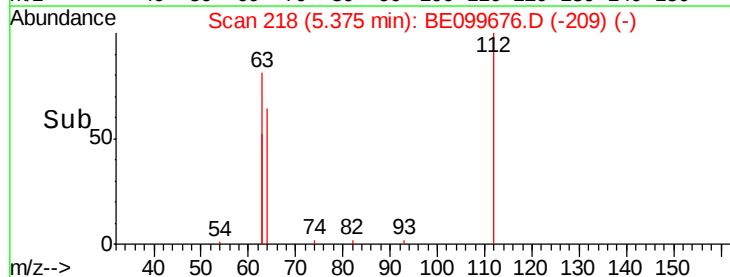
Abundance Ion 112.00 (111.70 to 112.70): E

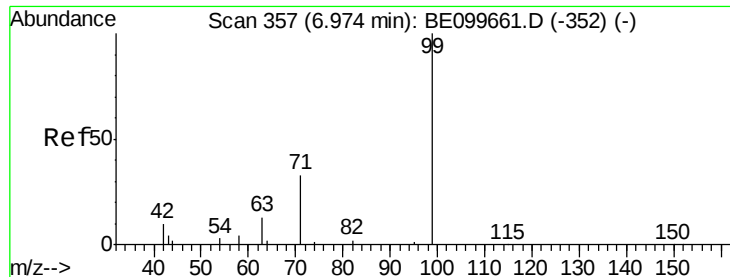
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.392 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

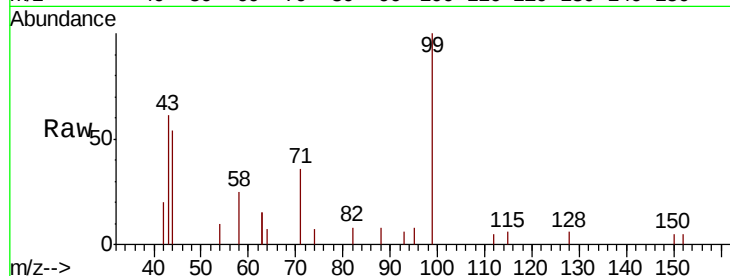
Tgt Ion: 99 Resp: 1990

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.2

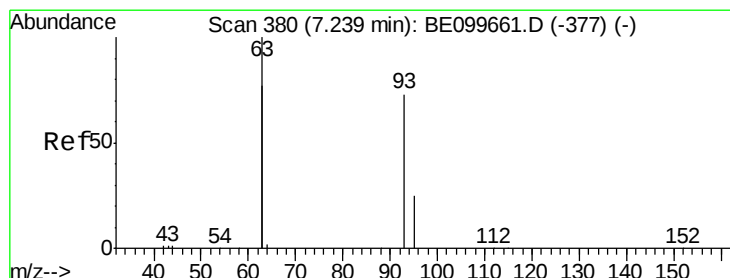
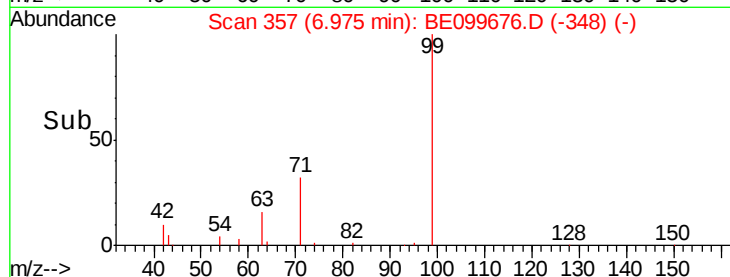
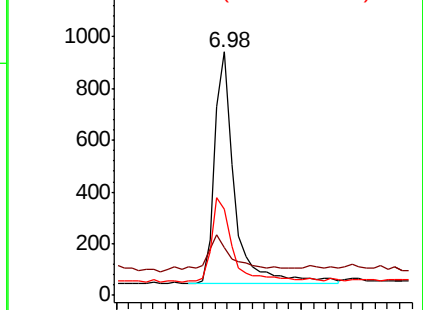
71 37.8 28.9 43.3



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



#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.26 min Scan# 382

Delta R.T. 0.02 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

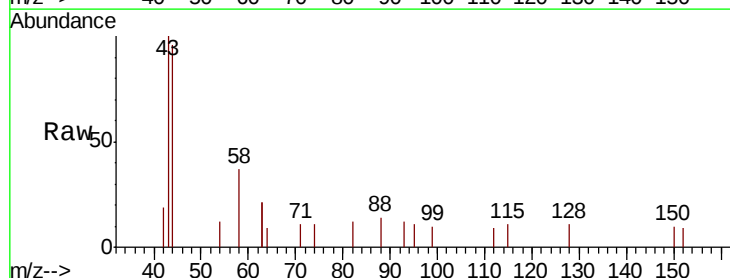
Tgt Ion: 93 Resp: 21

Ion Ratio Lower Upper

93 100

63 0.0 207.8 311.6#

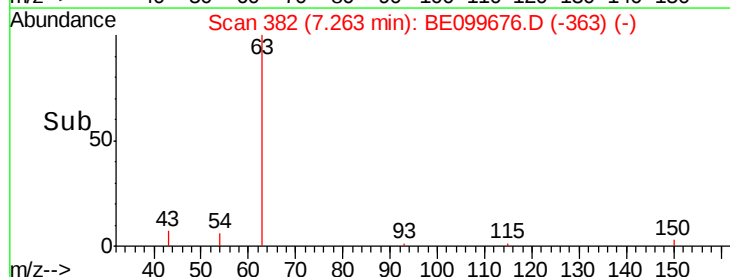
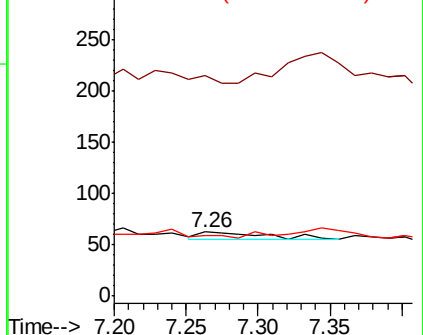
95 0.0 25.9 38.9#

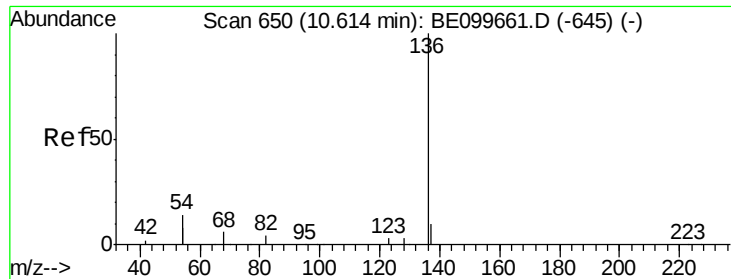


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

Tgt Ion:136 Resp: 5031

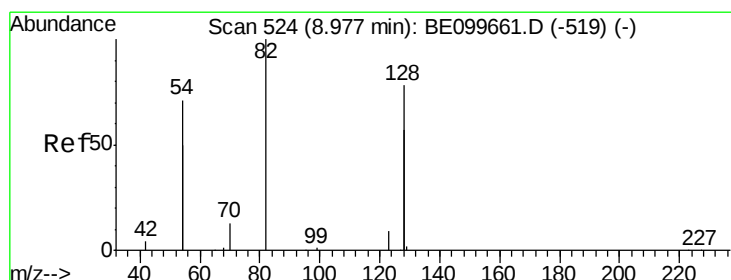
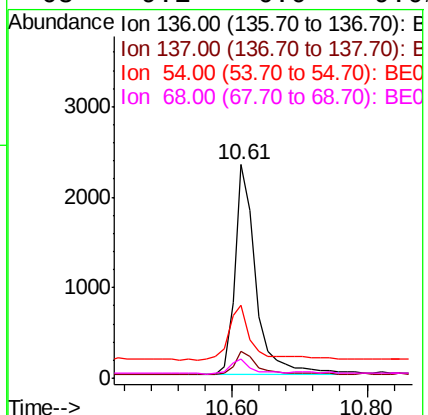
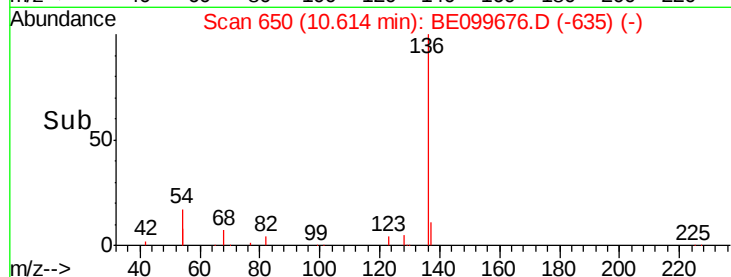
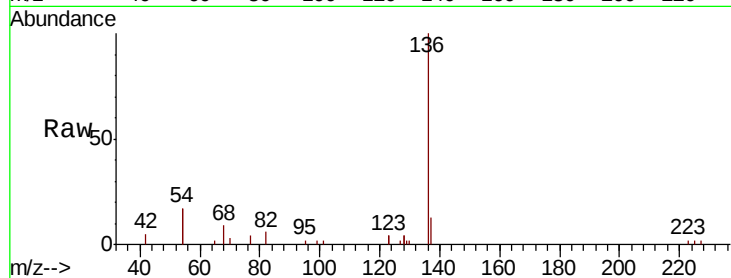
Ion Ratio Lower Upper

136 100

137 12.7 9.0 13.6

54 34.0 22.3 33.5#

68 9.1 6.0 9.0#



#8

Nitrobenzene-d5

Concen: 0.347 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

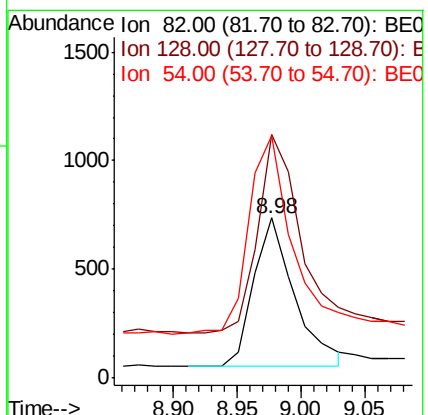
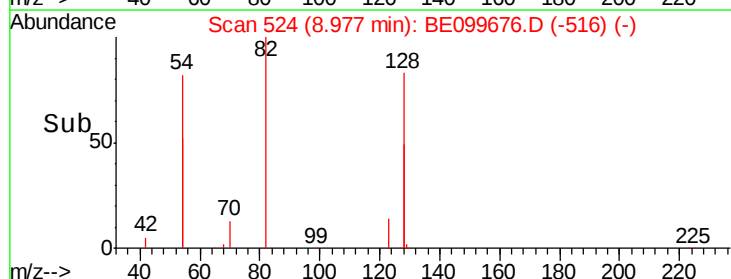
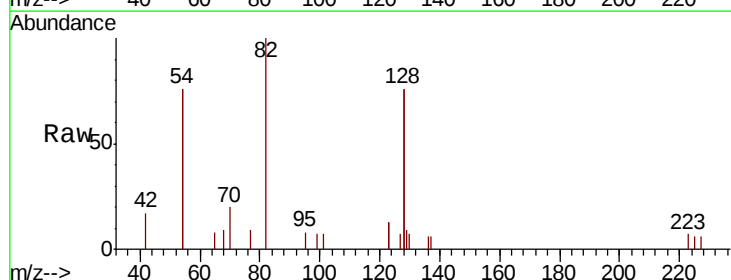
Tgt Ion: 82 Resp: 1512

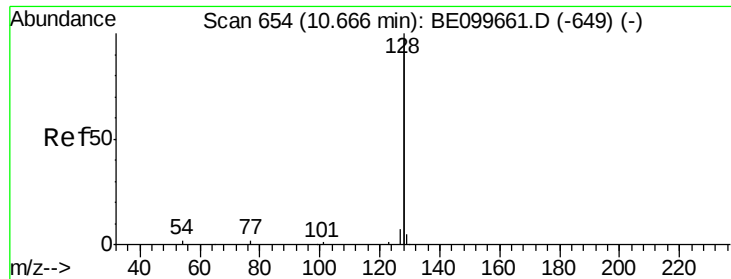
Ion Ratio Lower Upper

82 100

128 152.0 117.7 176.5

54 151.2 106.6 160.0

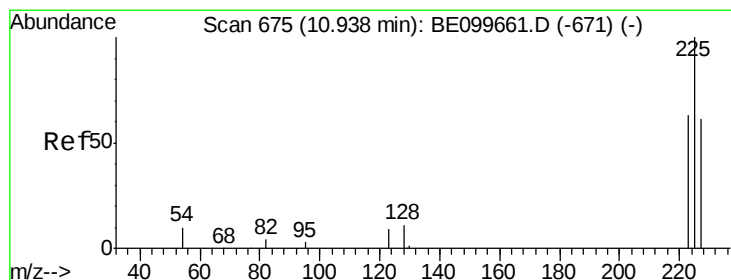
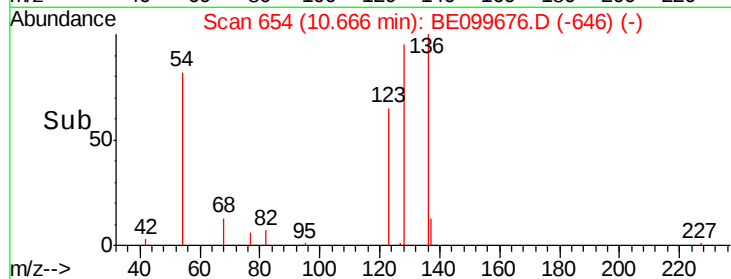
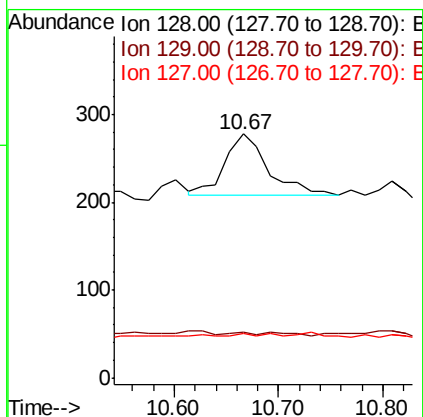
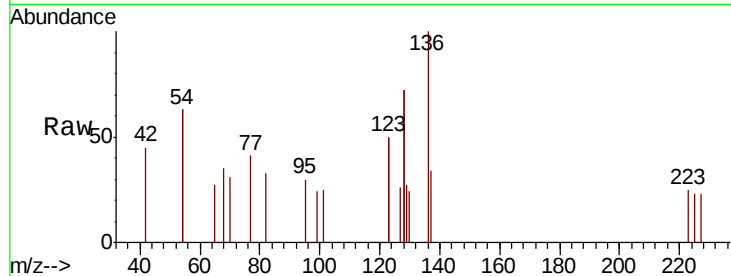




#9
Naphthalene
Concen: 0.004 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099676.D
Acq: 21 May 2019 00:45

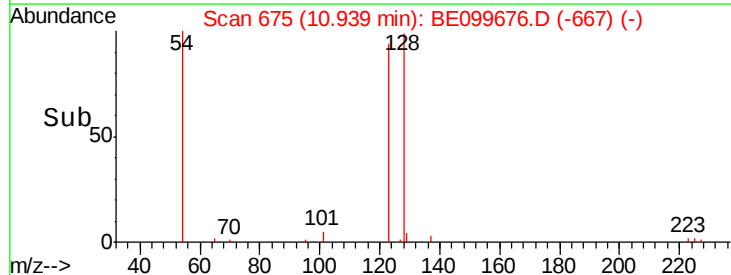
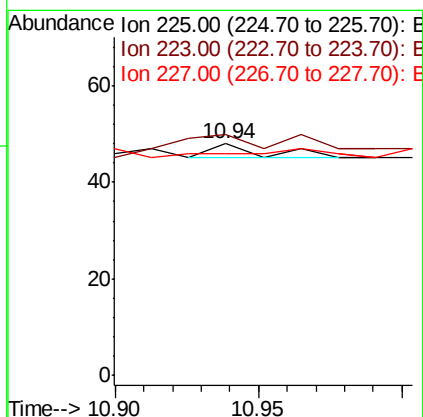
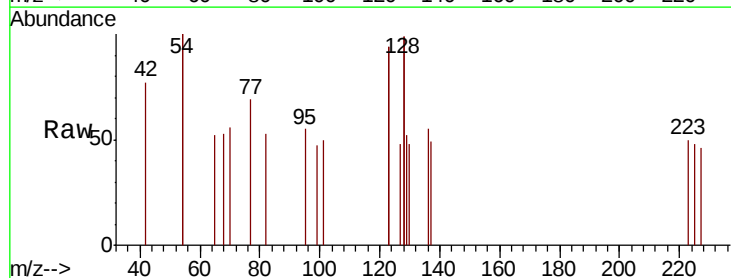
Instrument :
BNA_E
ClientSampleId :
FESB-12(9.5-10)

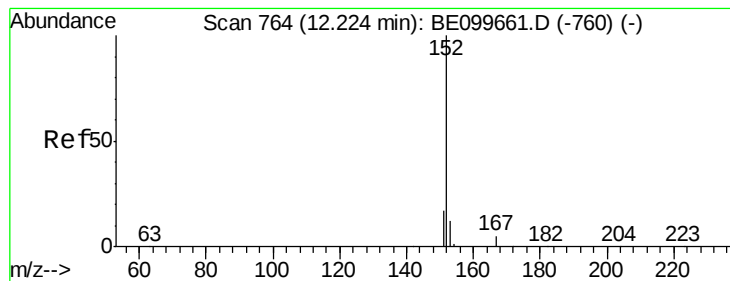
Tgt Ion:128 Resp: 200
Ion Ratio Lower Upper
128 100
129 18.7 2.4 3.6#
127 18.0 2.9 4.3#



#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE099676.D
Acq: 21 May 2019 00:45

Tgt Ion:225 Resp: 4
Ion Ratio Lower Upper
225 100
223 400.0 51.8 77.6#
227 0.0 52.6 79.0#





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

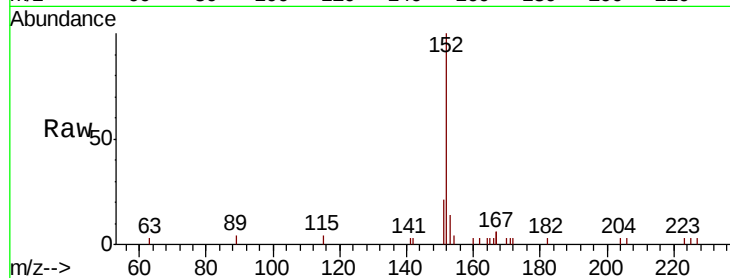
FESB-12(9.5-10)

Tgt Ion:152 Resp: 3248

Ion Ratio Lower Upper

152 100

151 19.9 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

1500

1000

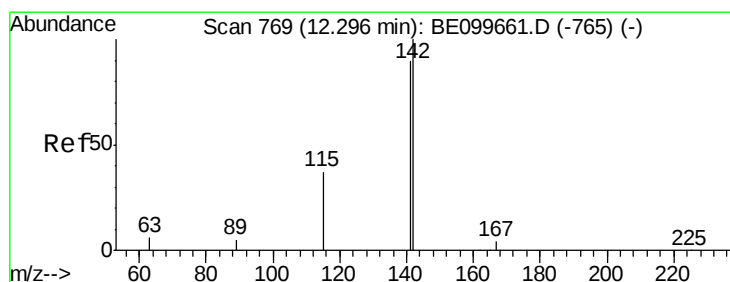
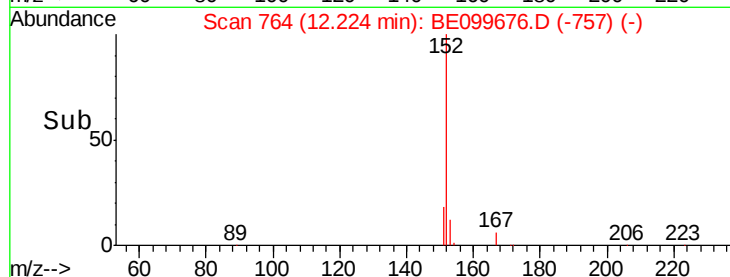
500

0

Time-->

12.20

12.40



#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

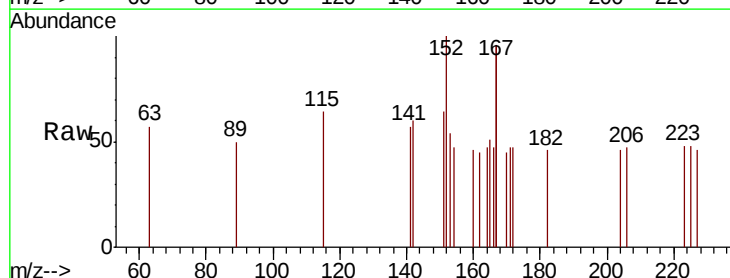
Tgt Ion:142 Resp: 20

Ion Ratio Lower Upper

142 100

141 94.9 72.0 108.0

115 106.8 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

80

60

40

20

0

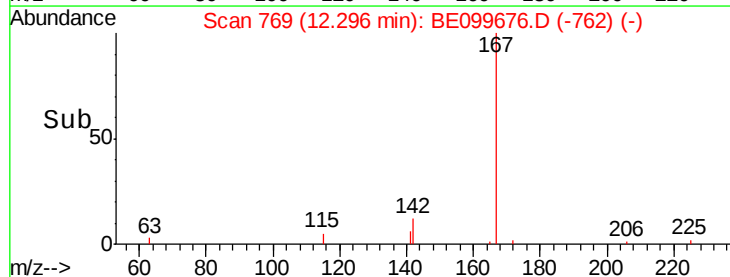
Time-->

12.25

12.30

12.35

12.40

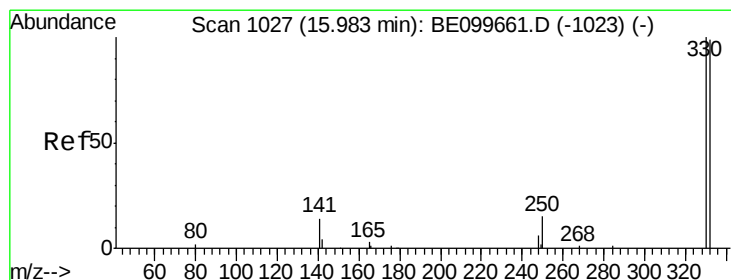
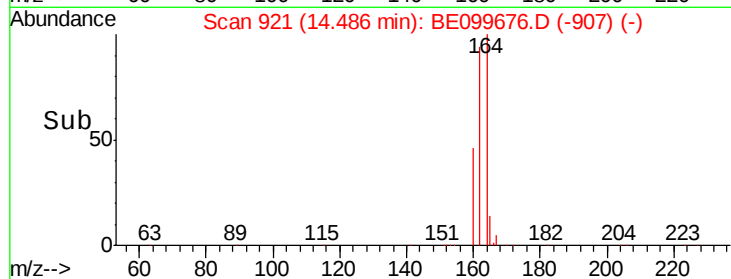
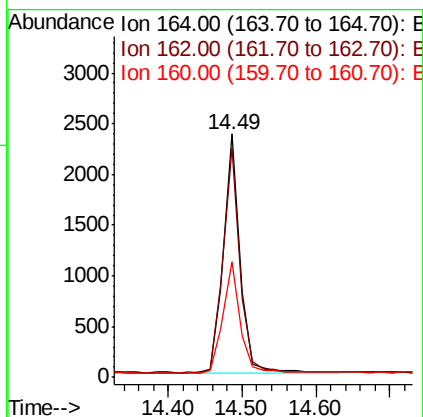
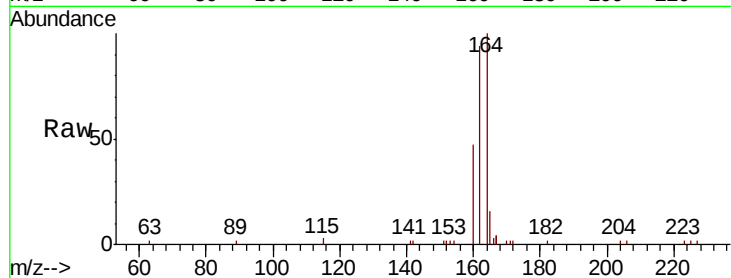




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099676.D
 Acq: 21 May 2019 00:45

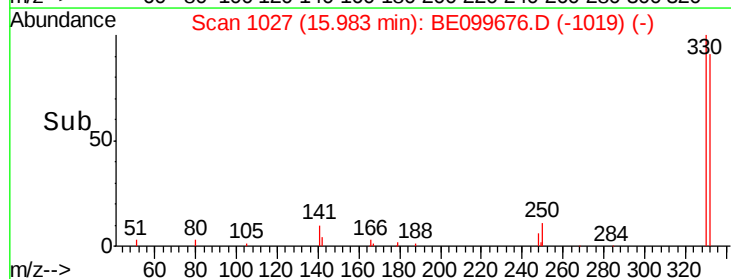
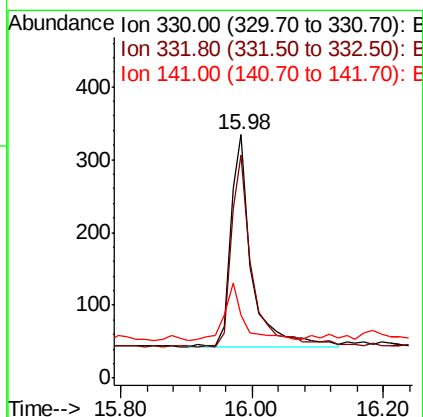
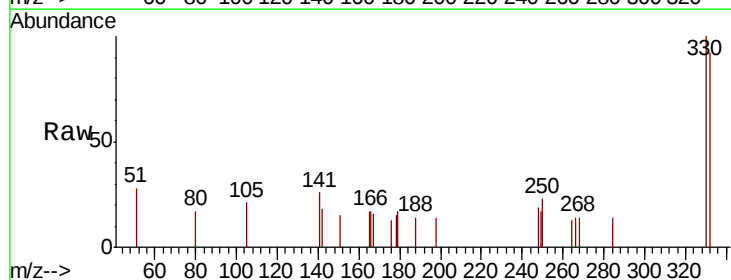
Instrument :
 BNA_E
 ClientSampleId :
 FESB-12(9.5-10)

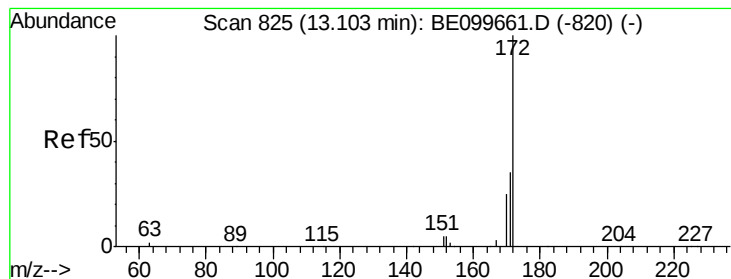
Tgt Ion:164 Resp: 3648
 Ion Ratio Lower Upper
 164 100
 162 94.2 76.5 114.7
 160 47.3 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.368 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099676.D
 Acq: 21 May 2019 00:45

Tgt Ion:330 Resp: 653
 Ion Ratio Lower Upper
 330 100
 332 92.8 77.3 115.9
 141 23.9 18.9 28.3





#15

2-Fluorobiphenyl

Concen: 0.361 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

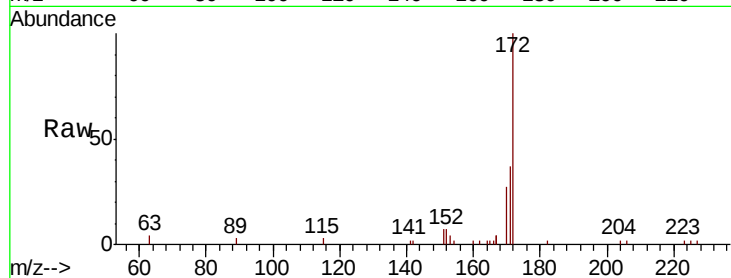
Tgt Ion:172 Resp: 4994

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

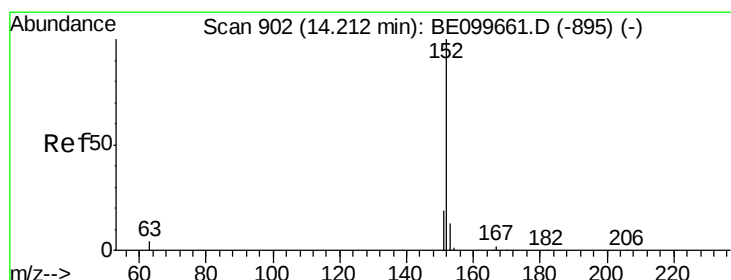
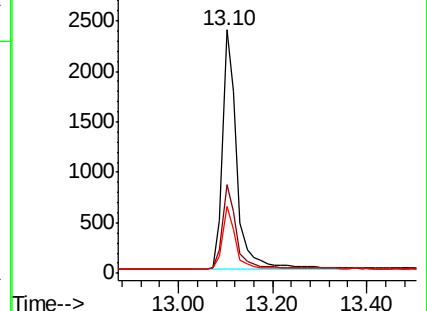
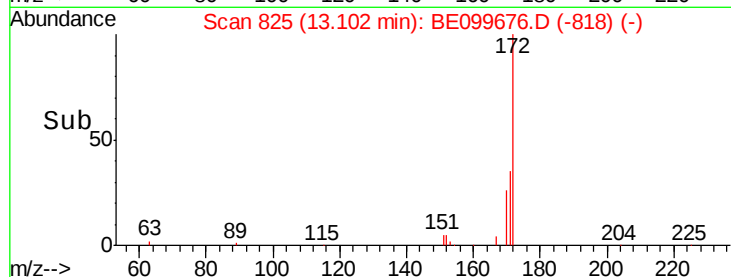
170 27.5 20.9 31.3



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: 0.003 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

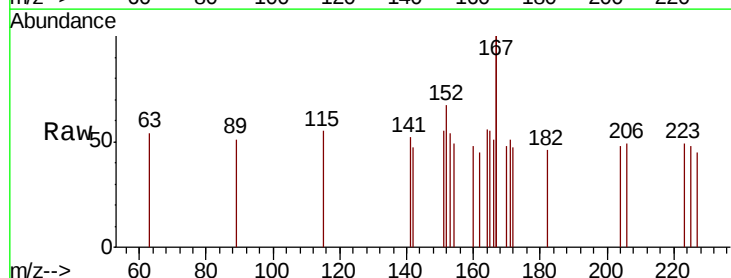
Tgt Ion:152 Resp: 45

Ion Ratio Lower Upper

152 100

151 40.0 15.9 23.9#

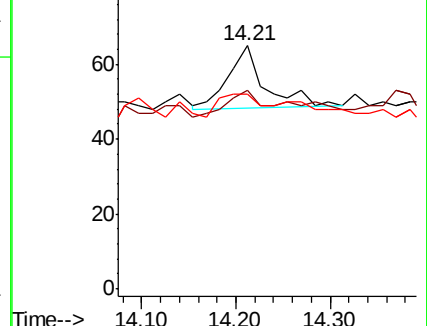
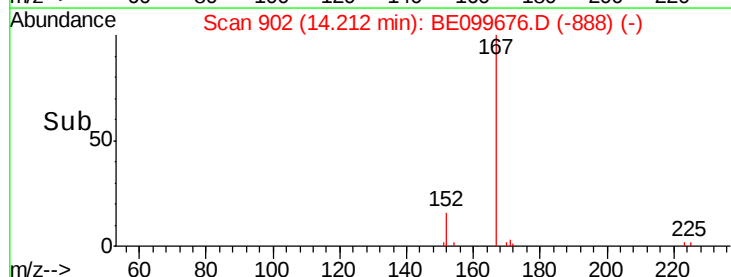
153 44.4 10.6 16.0#



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: 0.003 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.01 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

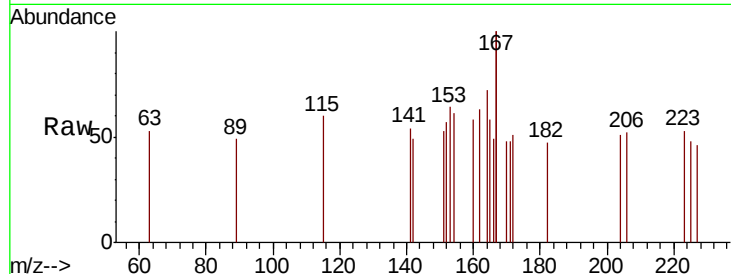
Tgt Ion:154 Resp: 28

Ion Ratio Lower Upper

154 100

153 103.6 91.8 137.6

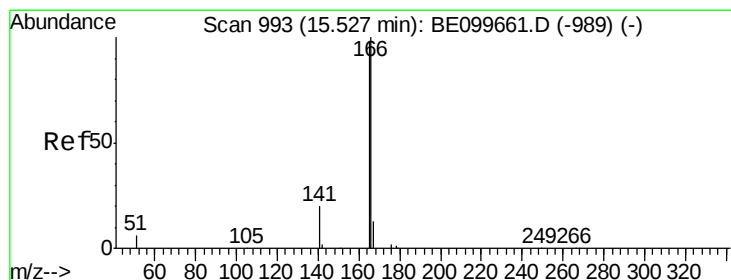
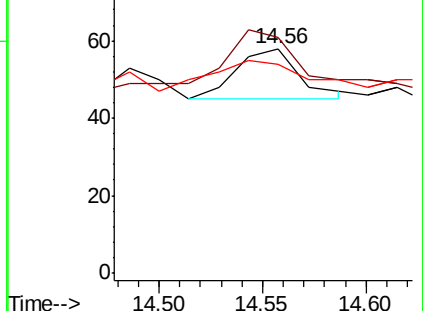
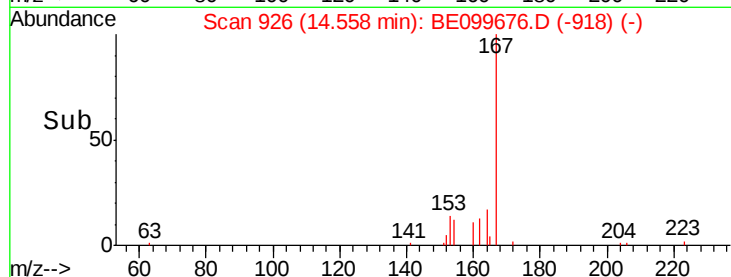
152 78.6 46.0 69.0#



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: 0.002 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

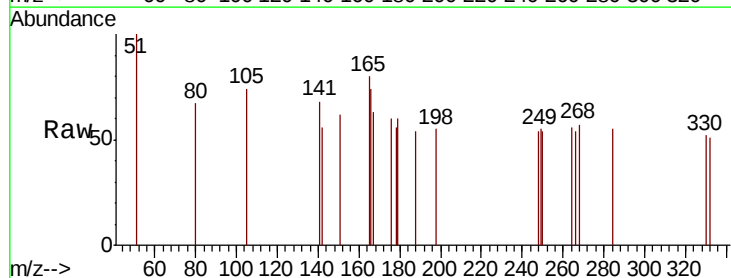
Tgt Ion:166 Resp: 31

Ion Ratio Lower Upper

166 100

165 154.8 80.3 120.5#

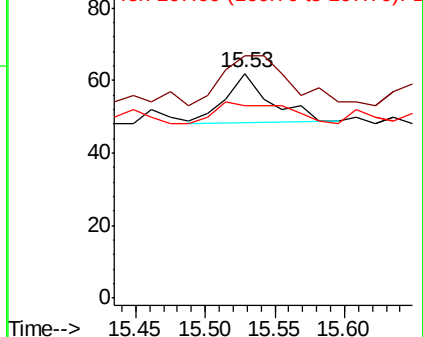
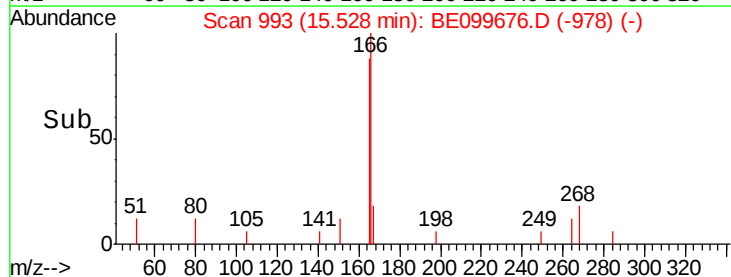
167 80.6 10.6 16.0#

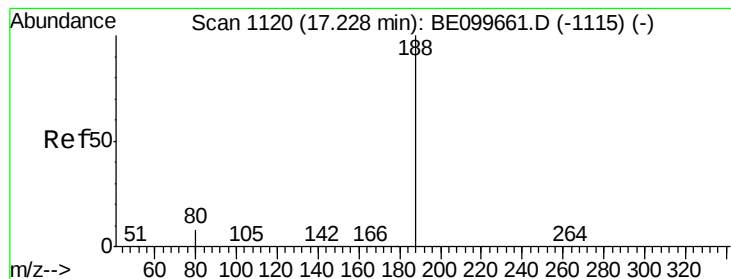


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

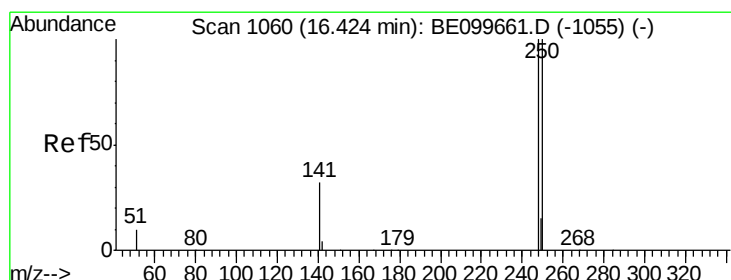
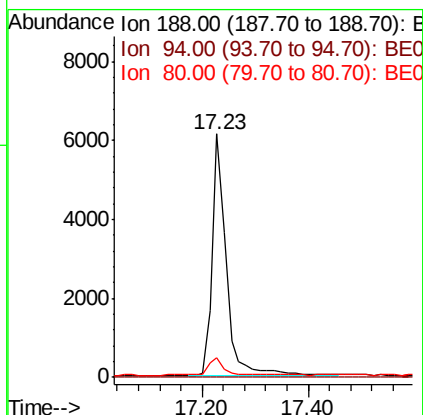
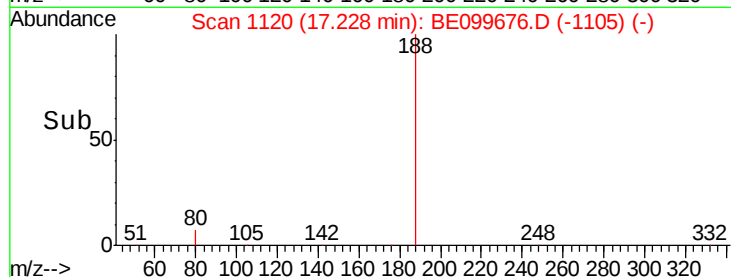
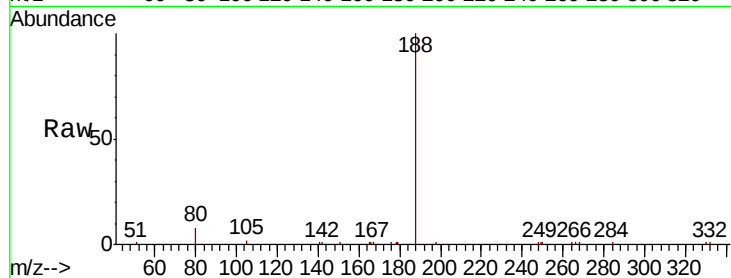
Tgt Ion:188 Resp: 11158

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.47 min Scan# 1063

Delta R.T. 0.04 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

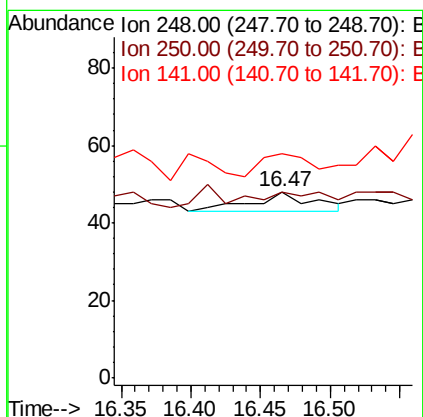
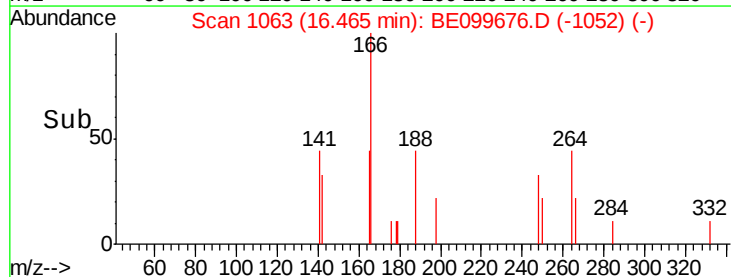
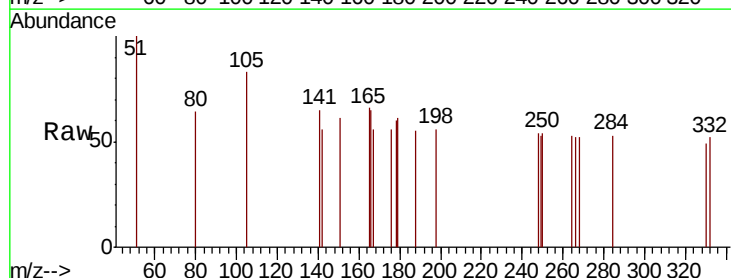
Tgt Ion:248 Resp: 15

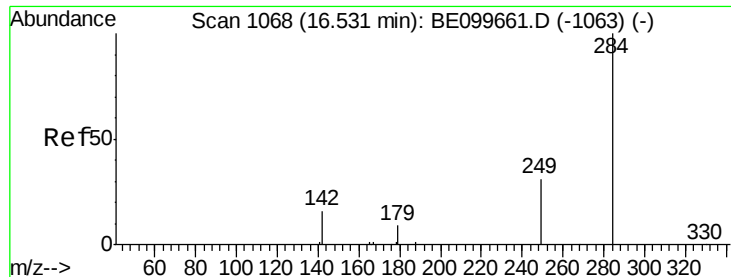
Ion Ratio Lower Upper

248 100

250 100.0 79.8 119.8

141 120.8 27.0 40.6#





#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

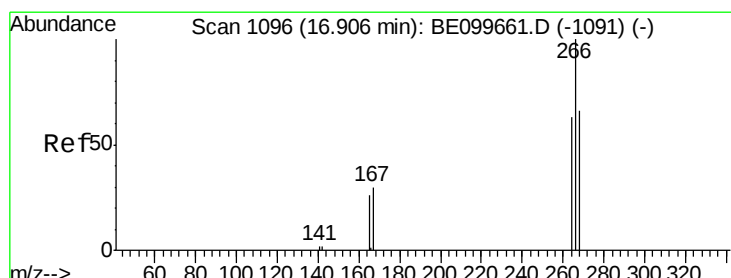
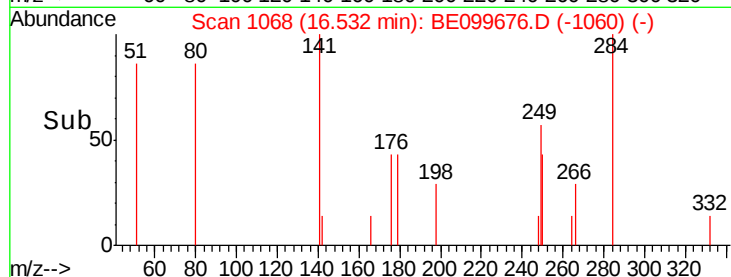
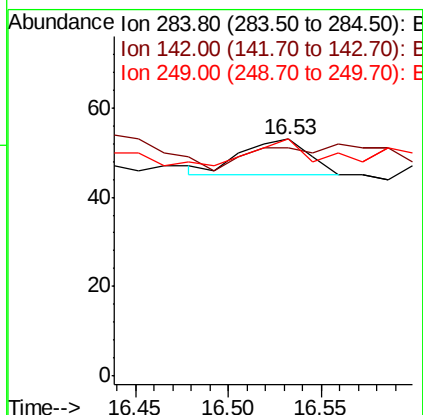
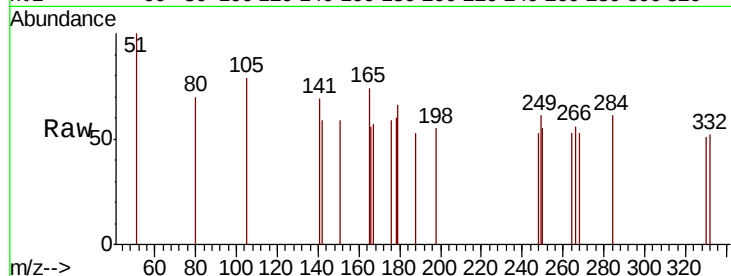
Tgt Ion:284 Resp: 20

Ion Ratio Lower Upper

284 100

142 70.0 17.8 26.6#

249 70.0 24.8 37.2#



#22

Pentachlorophenol

Concen: 0.188 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

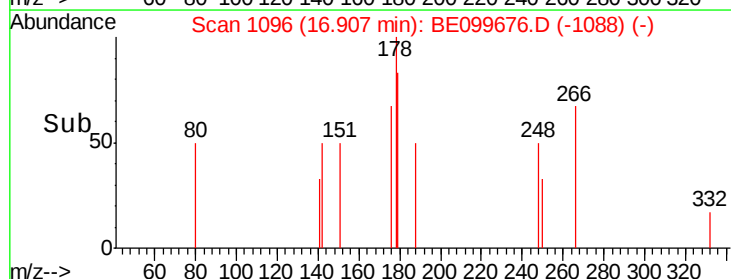
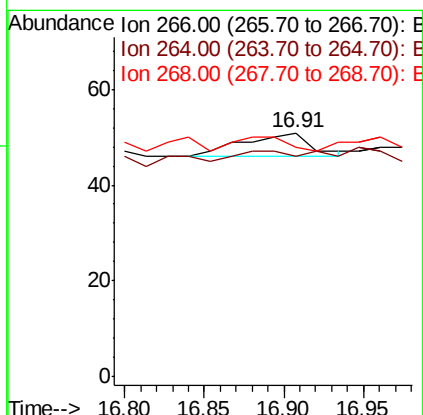
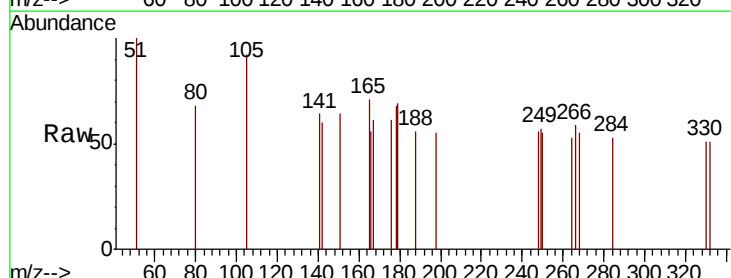
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 90.2 57.2 85.8#

268 94.1 60.5 90.7#





#23

Phenanthrene

Concen: 0.016 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

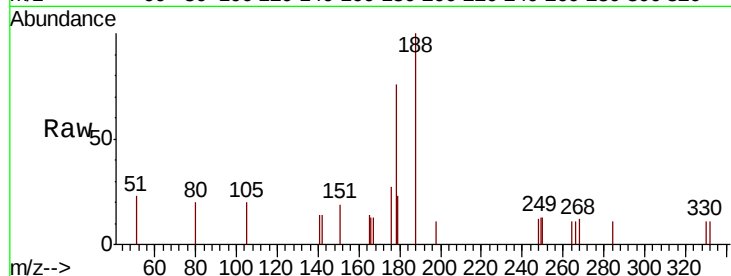
Tgt Ion:178 Resp: 446

Ion Ratio Lower Upper

178 100

176 24.4 15.6 23.4#

179 30.7 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

17.27

300

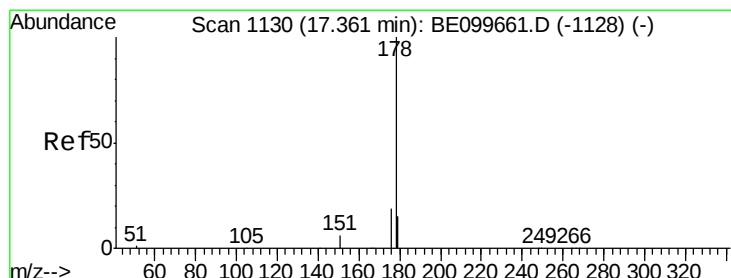
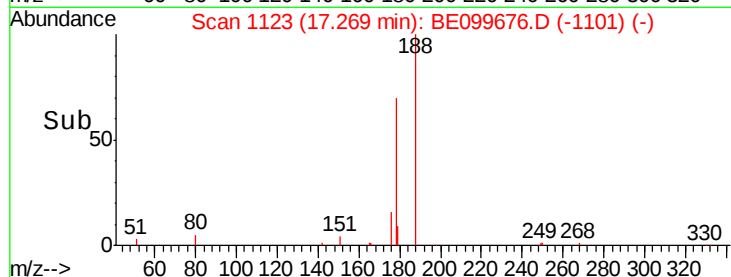
200

100

0

17.20 17.25 17.30 17.35

Time-->



#24

Anthracene

Concen: 0.002 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

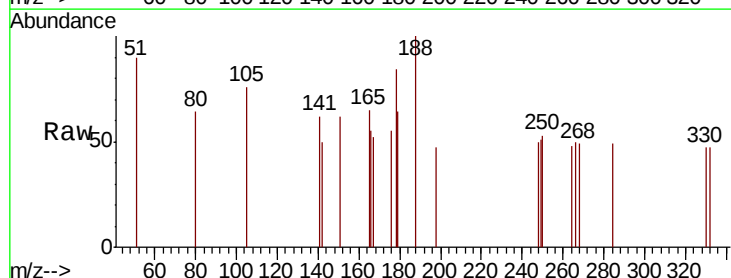
Tgt Ion:178 Resp: 41

Ion Ratio Lower Upper

178 100

176 24.4 14.7 22.1#

179 0.0 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

17.36

120

100

80

60

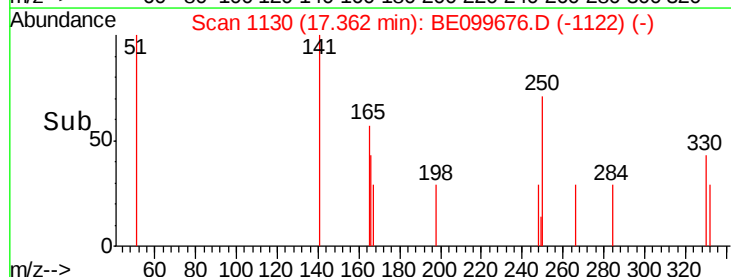
40

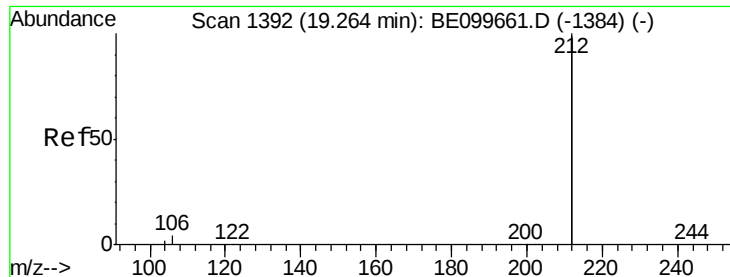
20

0

17.30 17.35 17.40

Time-->

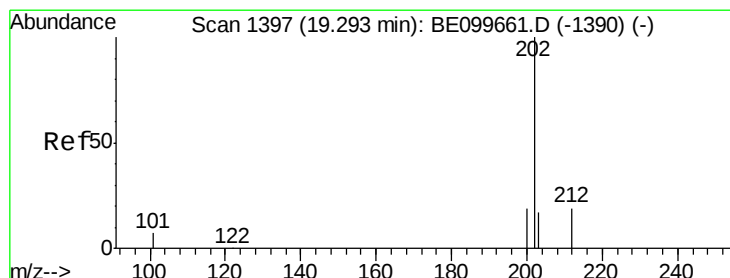
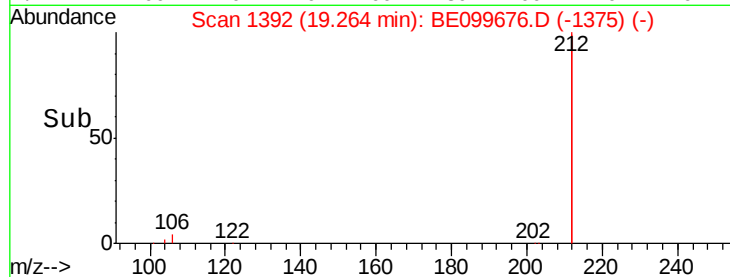
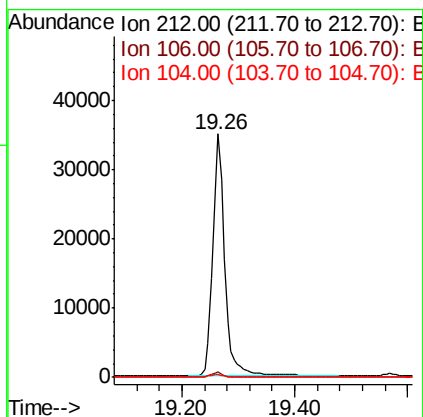
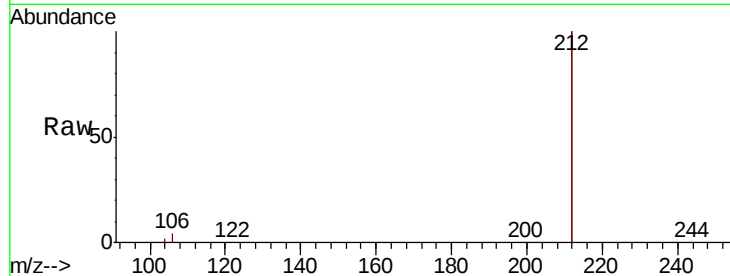




#25
 Fluoranthene-d10
 Concen: 0.341 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099676.D
 Acq: 21 May 2019 00:45

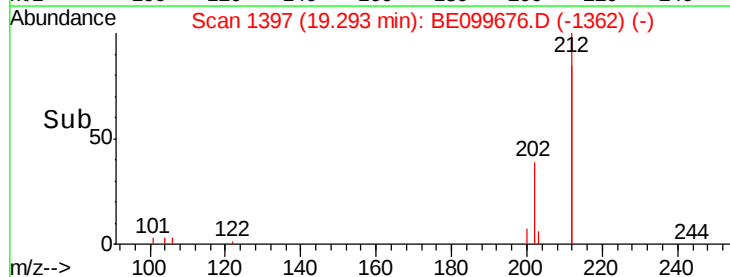
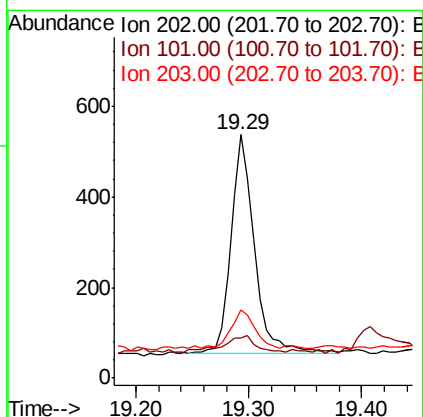
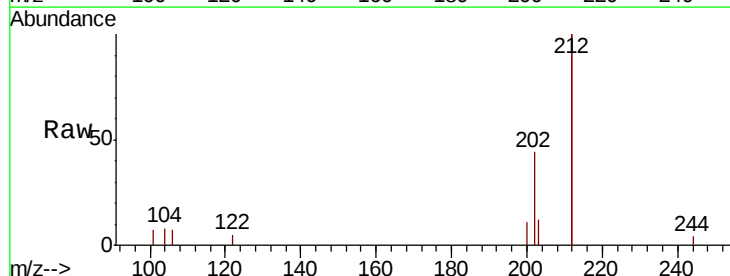
Instrument :
 BNA_E
 ClientSampleId :
 FESB-12(9.5-10)

Tgt Ion:212 Resp: 51961
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.8 1.2



#26
 Fluoranthene
 Concen: 0.016 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BE099676.D
 Acq: 21 May 2019 00:45

Tgt Ion:202 Resp: 688
 Ion Ratio Lower Upper
 202 100
 101 12.9 5.2 7.8#
 203 19.8 13.8 20.6

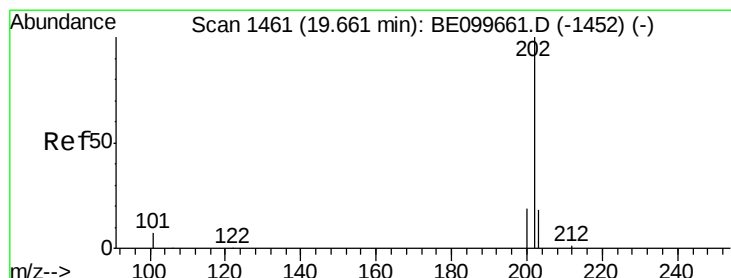
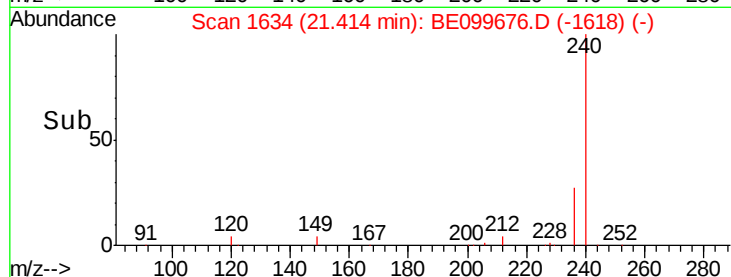
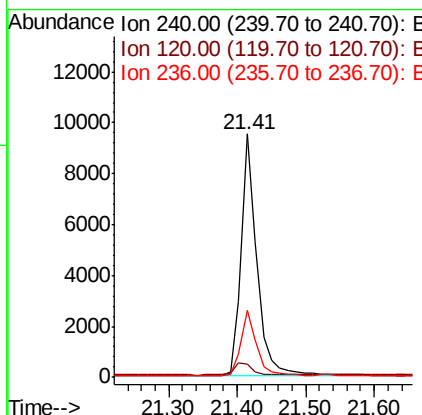
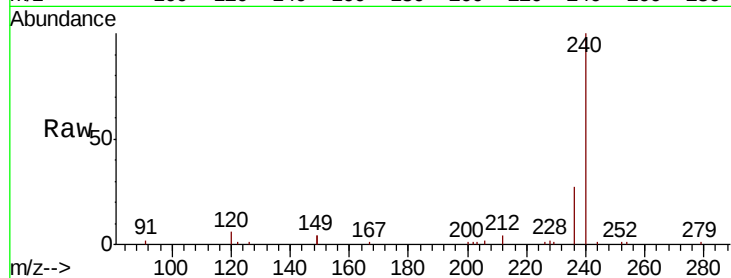




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099676.D
 Acq: 21 May 2019 00:45

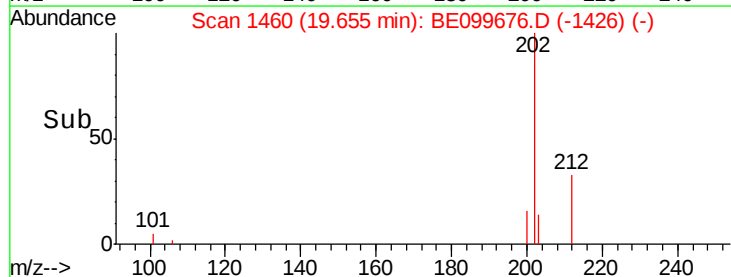
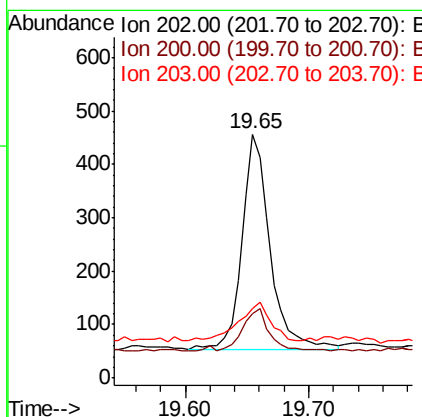
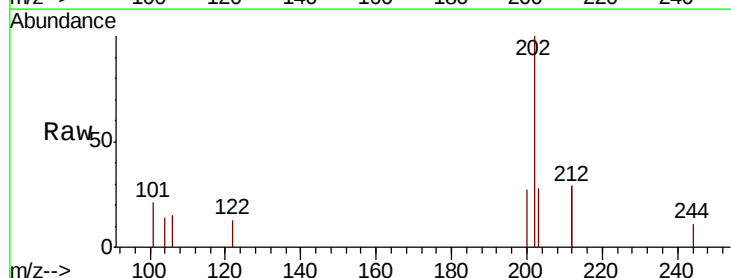
Instrument :
 BNA_E
 ClientSampleId :
 FESB-12(9.5-10)

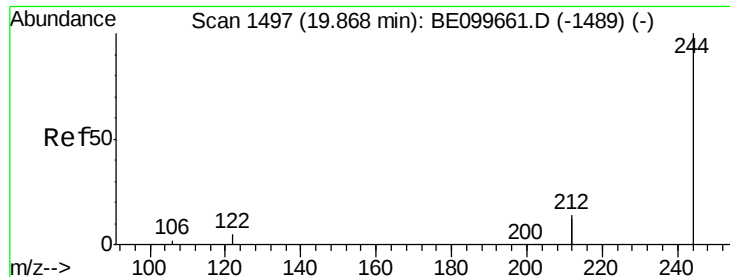
Tgt Ion:240 Resp: 15320
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.4 8.0
 236 27.5 21.7 32.5



#28
 Pyrene
 Concen: 0.016 ng
 RT: 19.65 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BE099676.D
 Acq: 21 May 2019 00:45

Tgt Ion:202 Resp: 632
 Ion Ratio Lower Upper
 202 100
 200 18.8 15.4 23.2
 203 21.0 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

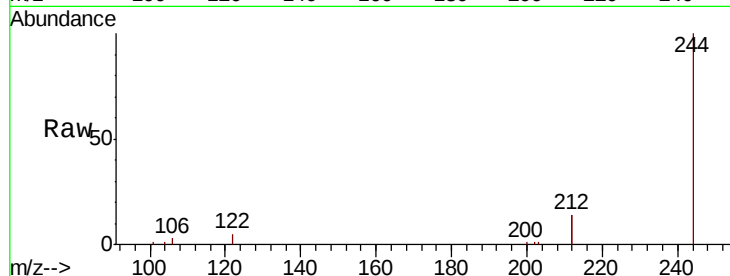
Tgt Ion:244 Resp: 11409

Ion Ratio Lower Upper

244 100

212 28.3 22.5 33.7

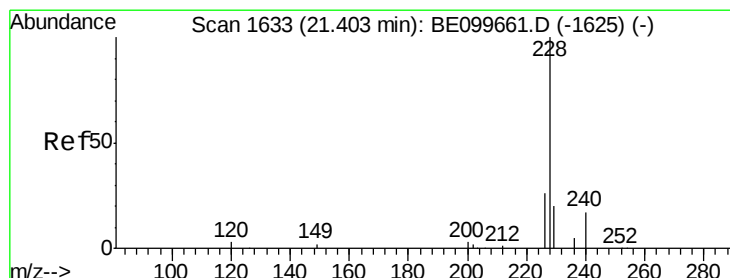
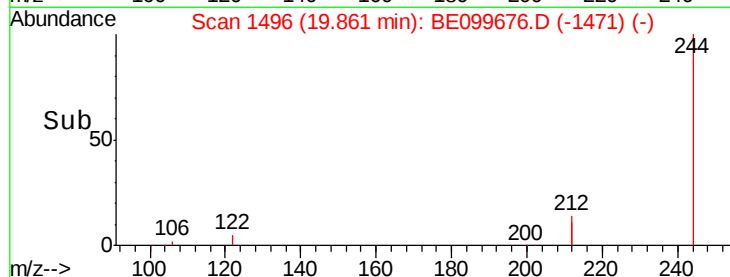
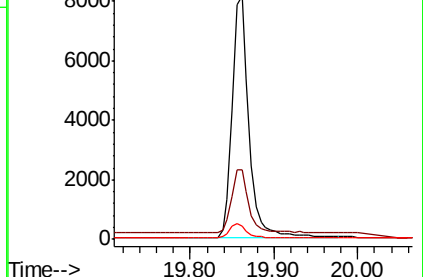
122 5.4 4.3 6.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.008 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

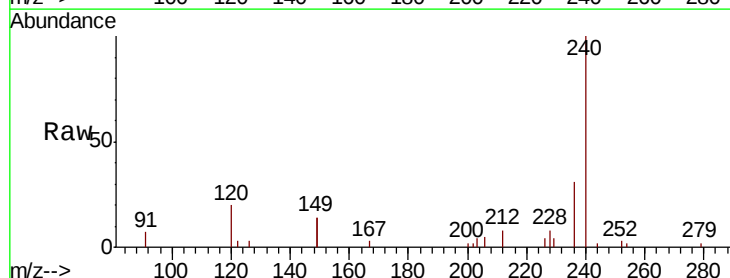
Tgt Ion:228 Resp: 360

Ion Ratio Lower Upper

228 100

226 52.7 21.3 31.9#

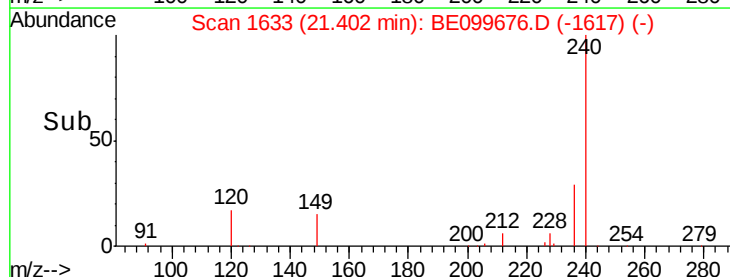
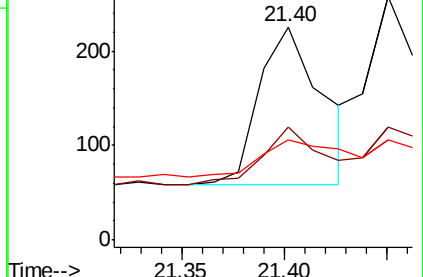
229 46.9 16.1 24.1#

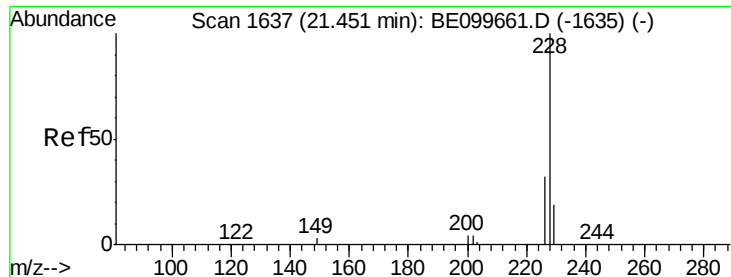


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.008 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

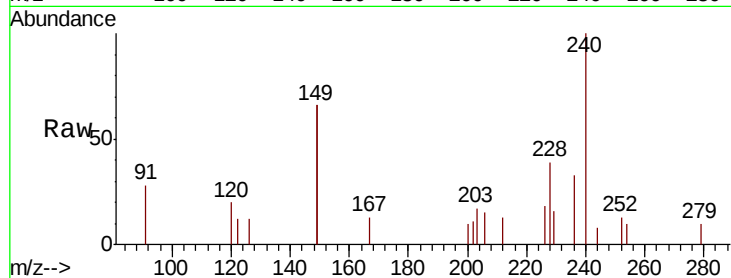
Tgt Ion:228 Resp: 354

Ion Ratio Lower Upper

228 100

226 46.5 24.7 37.1#

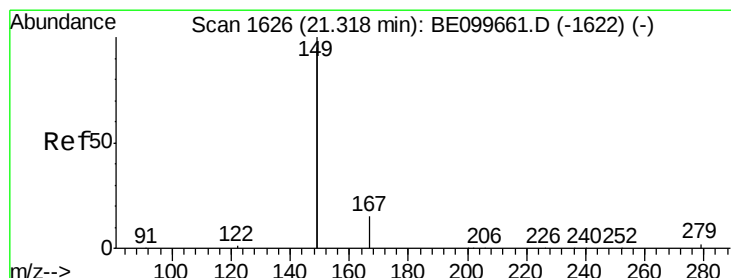
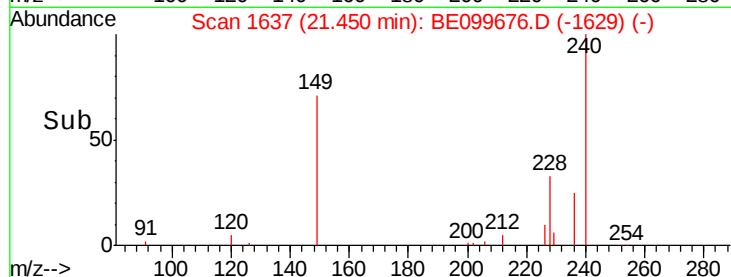
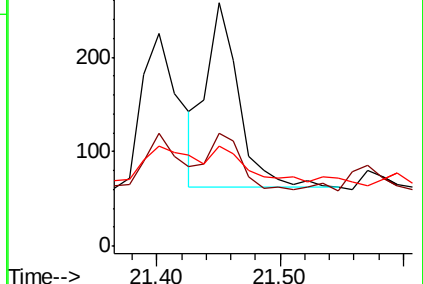
229 41.1 15.8 23.6#



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: 0.873 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

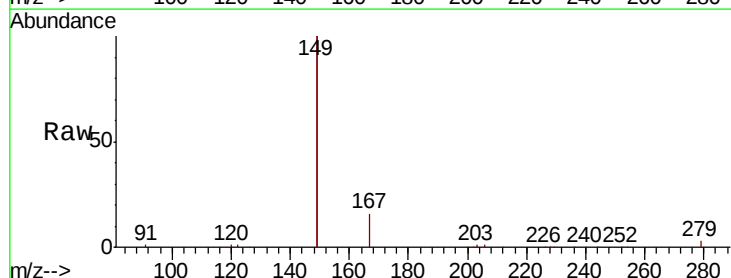
Tgt Ion:149 Resp: 43816

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

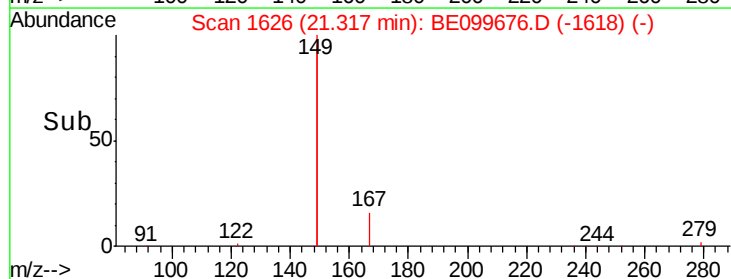
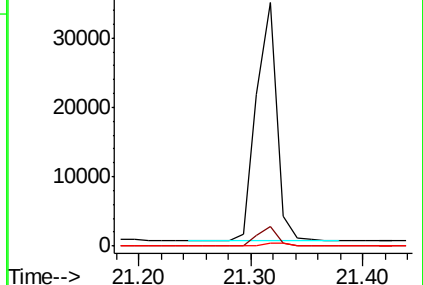
279 1.5 1.2 1.8

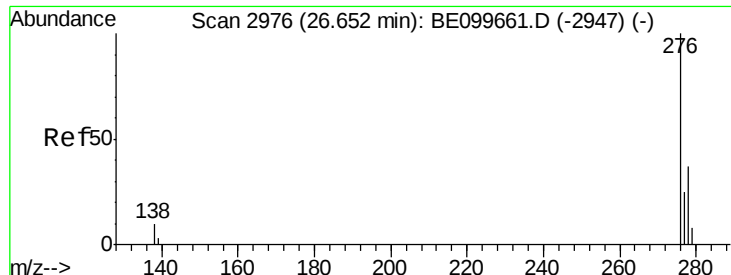


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.004 ng

RT: 26.66 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

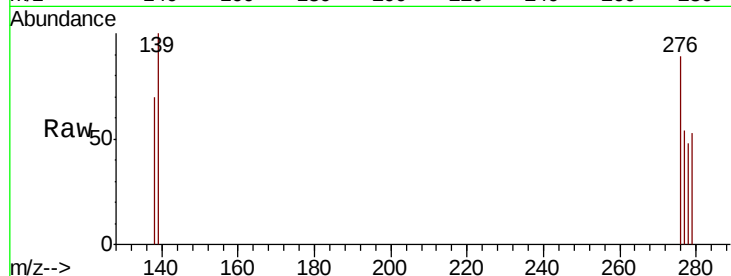
Tgt Ion:276 Resp: 239

Ion Ratio Lower Upper

276 100

138 3.3 9.6 14.4#

277 22.2 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

26.66

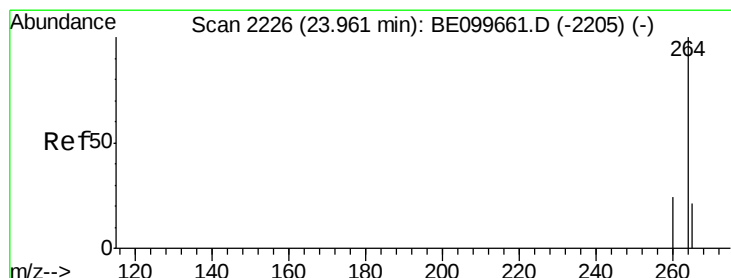
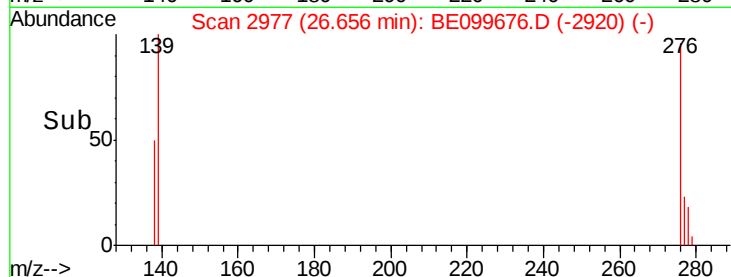
100

50

0

26.60 26.70

Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.96 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

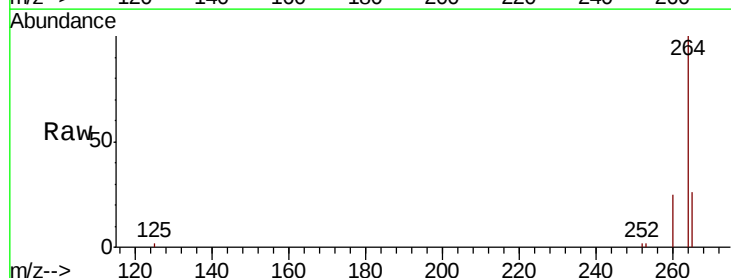
Tgt Ion:264 Resp: 18424

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 25.8 19.1 28.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.96

10000

8000

6000

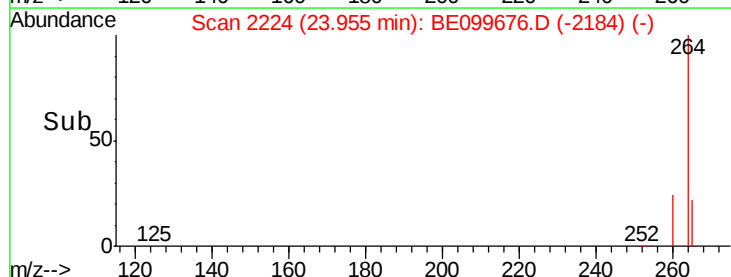
4000

2000

0

23.90 24.00 24.10

Time-->

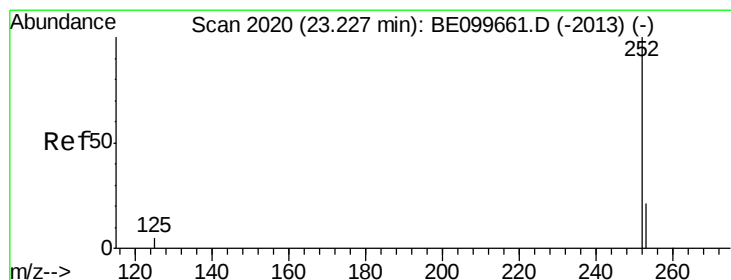
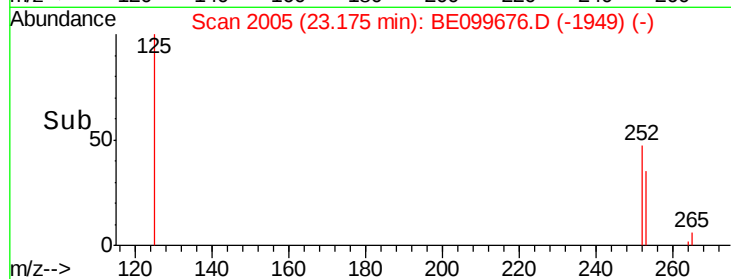
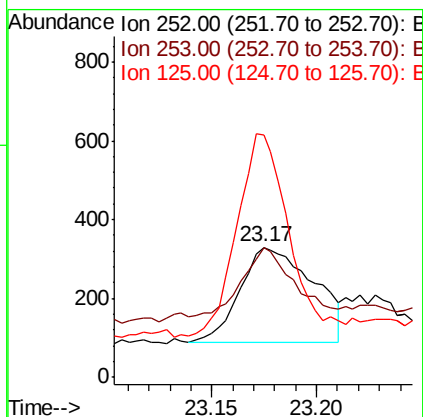
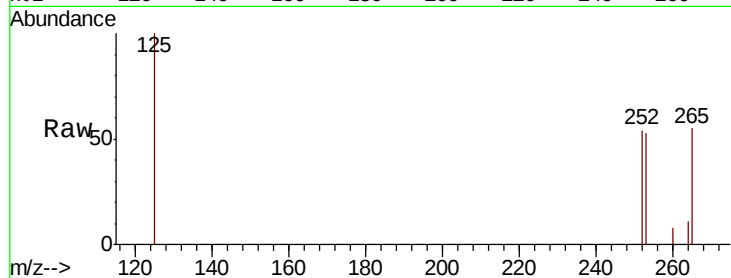




#35
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 23.17 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BE099676.D
Acq: 21 May 2019 00:45

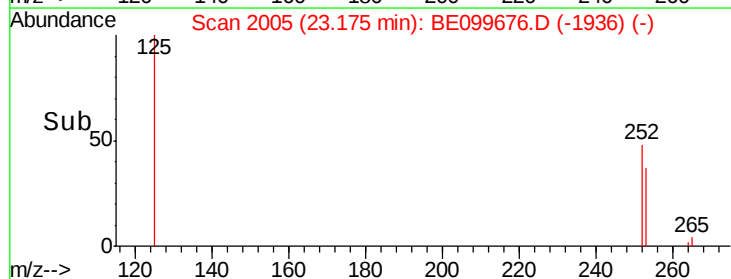
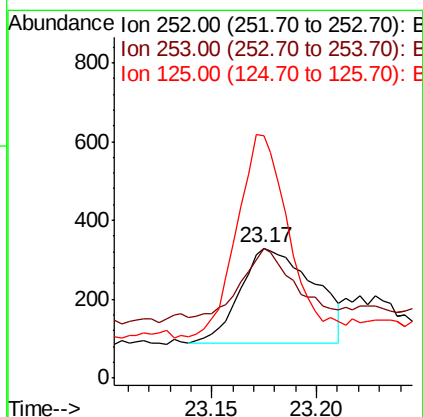
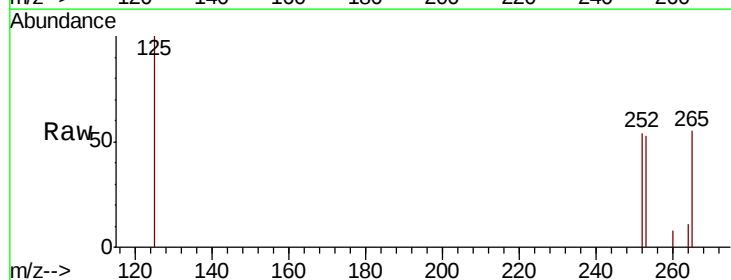
Instrument :
BNA_E
ClientSampleId :
FESB-12(9.5-10)

Tgt Ion:252 Resp: 593
Ion Ratio Lower Upper
252 100
253 99.7 18.2 27.4#
125 186.6 4.5 6.7#



#36
Benzo(k)fluoranthene
Concen: 0.011 ng
RT: 23.17 min Scan# 2005
Delta R.T. -0.05 min
Lab File: BE099676.D
Acq: 21 May 2019 00:45

Tgt Ion:252 Resp: 593
Ion Ratio Lower Upper
252 100
253 99.7 17.8 26.8#
125 186.6 4.6 6.8#





#37

Benzo(a)pyrene

Concen: 0.009 ng

RT: 23.84 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)

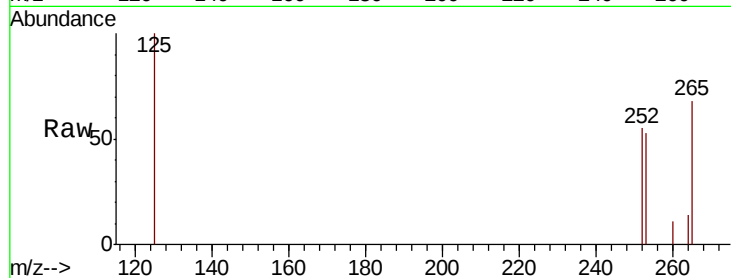
Tgt Ion: 252 Resp: 434

Ion Ratio Lower Upper

252 100

253 94.9 18.9 28.3#

125 180.5 5.4 8.0#

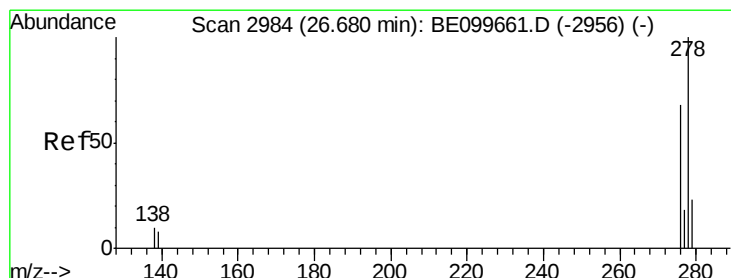
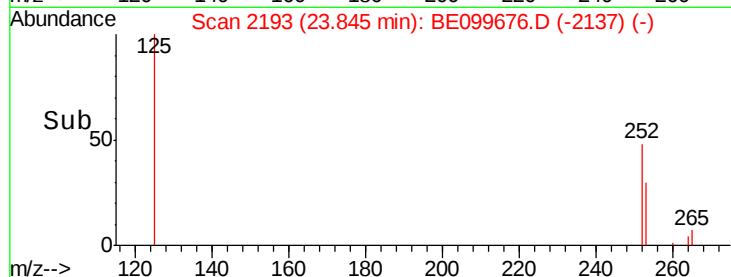
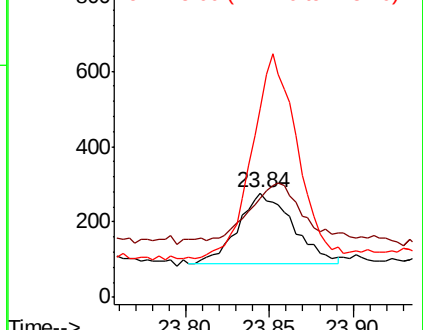


Abundance

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: 0.000 ng

RT: 26.66 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BE099676.D

Acq: 21 May 2019 00:45

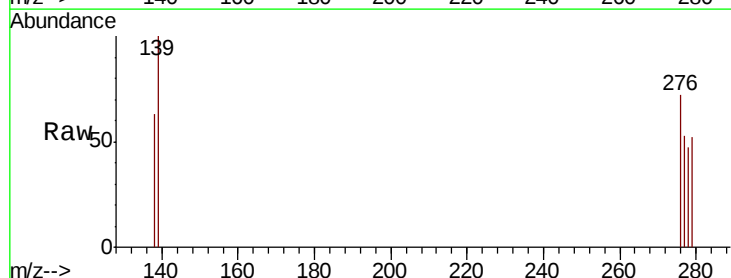
Tgt Ion: 278 Resp: 10

Ion Ratio Lower Upper

278 100

139 213.7 6.9 10.3#

279 111.0 19.2 28.8#

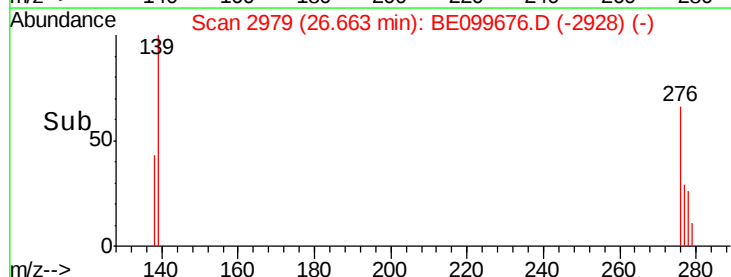
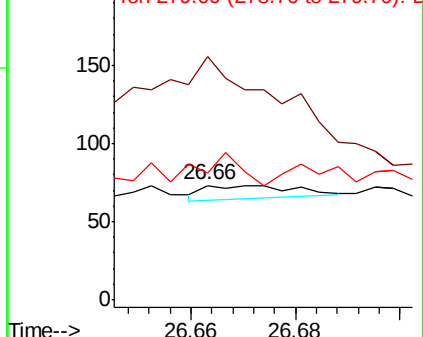


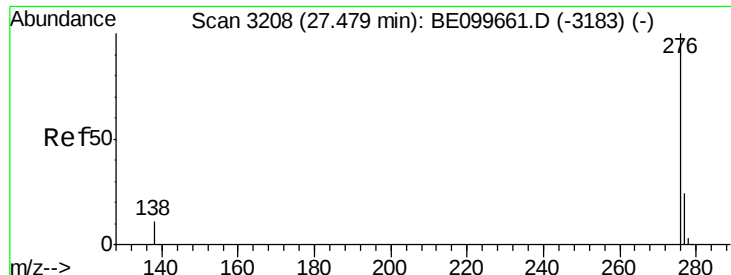
Abundance

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: 0.005 ng

RT: 27.48 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BE099676.D

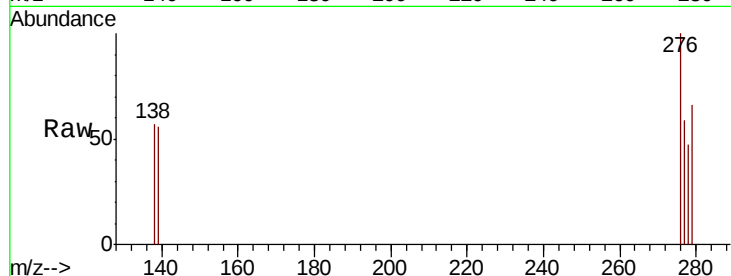
Acq: 21 May 2019 00:45

Instrument :

BNA_E

ClientSampleId :

FESB-12(9.5-10)



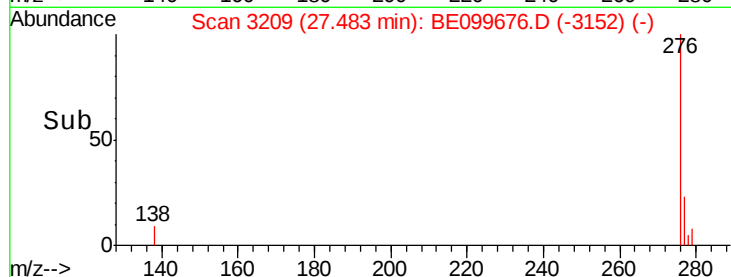
Tgt Ion: 276 Resp: 245

Ion Ratio Lower Upper

276 100

277 59.2 19.8 29.6#

138 56.7 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

27.48

100

50

0

Time-->