

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
 Data File : BE095678.D
 Acq On : 23 Feb 2018 12:08
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE022318

Quant Time: Feb 23 15:55:09 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1260	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5017	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	2860	0.40	ng	0.00
19) Phenanthrene-d10	17.70	188	6329	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6576	0.40	ng	0.00
34) Perylene-d12	24.42	264	5754	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1311	0.39	ng	0.00
5) Phenol-d6	7.55	99	1825	0.40	ng	0.00
8) Nitrobenzene-d5	9.60	82	1910	0.37	ng	-0.02
11) 2-Methylnaphthalene-d10	12.80	152	3385	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	385	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5196	0.41	ng	0.00
25) Fluoranthene-d10	19.69	212	32106	0.39	ng	0.00
29) Terphenyl-d14	20.25	244	5180	0.40	ng	0.00

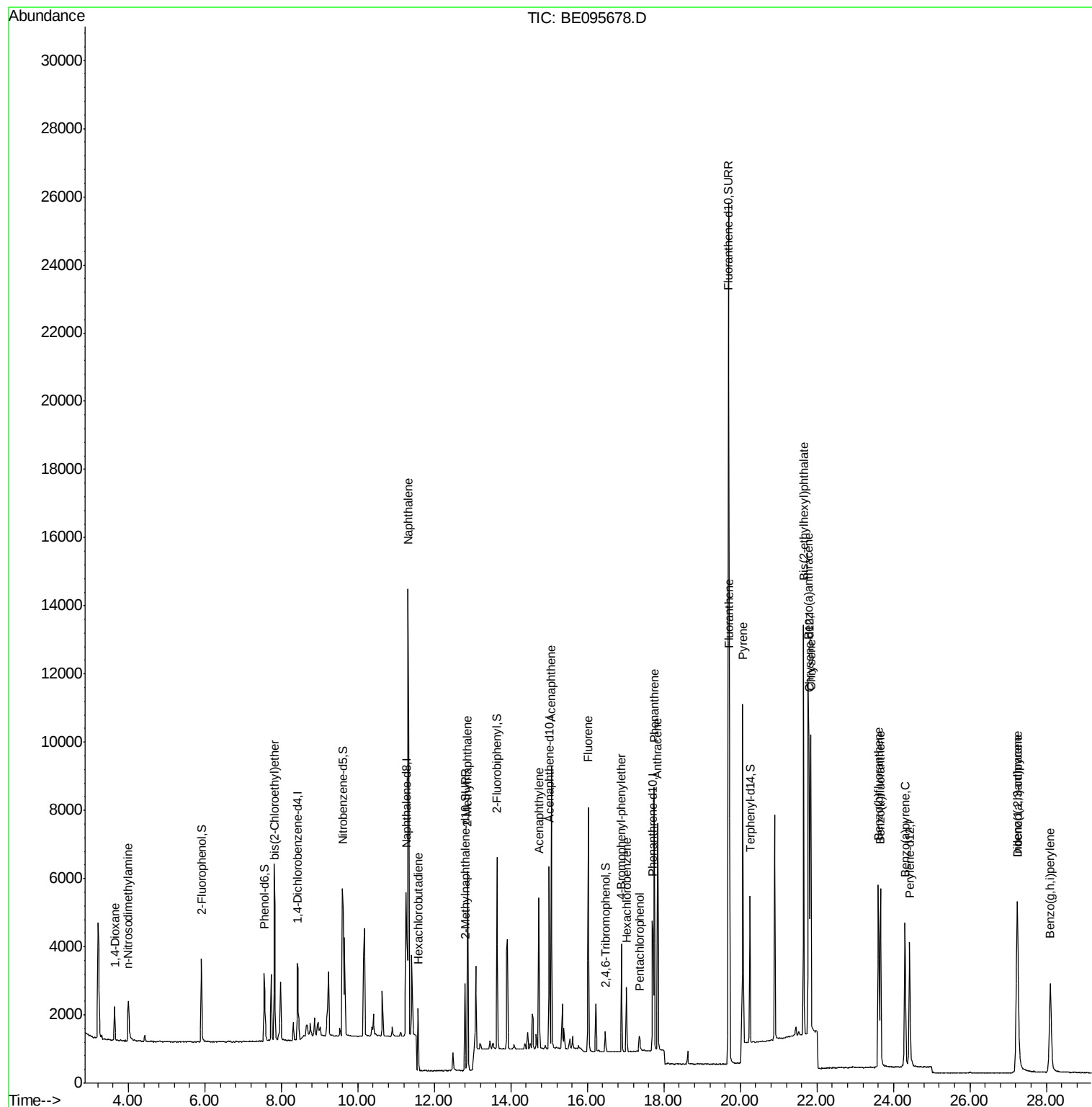
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	843	0.42	ng	# 87
3) n-Nitrosodimethylamine	3.99	42	990	0.40	ng	82
6) bis(2-Chloroethyl)ether	7.83	93	1906	0.40	ng	93
9) Naphthalene	11.31	128	23338	0.40	ng	99
10) Hexachlorobutadiene	11.57	225	1507	0.45	ng	97
12) 2-Methylnaphthalene	12.87	142	3997	0.40	ng	97
16) Acenaphthylene	14.74	152	6204	0.39	ng	99
17) Acenaphthene	15.06	154	3906	0.39	ng	94
18) Fluorene	16.02	166	4924	0.39	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	1553	0.39	ng	# 73
21) Hexachlorobenzene	17.03	284	1641	0.40	ng	# 82
22) Pentachlorophenol	17.36	266	325	0.39	ng	# 79
23) Phenanthrene	17.74	178	7839	0.40	ng	98
24) Anthracene	17.83	178	7013	0.39	ng	95
26) Fluoranthene	19.72	202	9474	0.39	ng	97
28) Pyrene	20.06	202	9998	0.37	ng	97
30) Benzo(a)anthracene	21.78	228	8466	0.39	ng	97
31) Chrysene	21.84	228	8477	0.40	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	13474	0.36	ng	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	8013	0.39	ng	# 94
35) Benzo(b)fluoranthene	23.61	252	8090	0.39	ng	# 89
36) Benzo(k)fluoranthene	23.66	252	8098	0.40	ng	94
37) Benzo(a)pyrene	24.30	252	7258	0.39	ng	# 93
38) Dibenzo(a,h)anthracene	27.25	278	6364	0.39	ng	96
39) Benzo(g,h,i)perylene	28.10	276	6866	0.39	ng	# 91

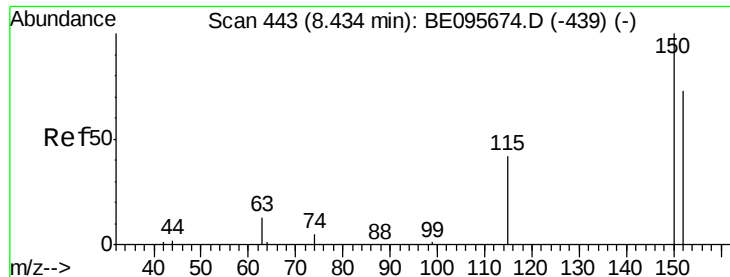
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.43 min Scan# 443

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

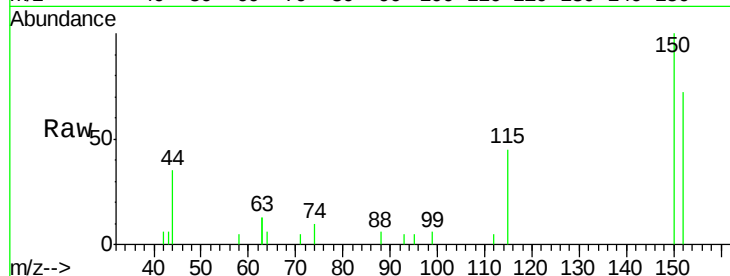
Tot Ion:152 Resp: 1260

Ion Ratio Lower Upper

152 100

150 138.0 117.2 175.8

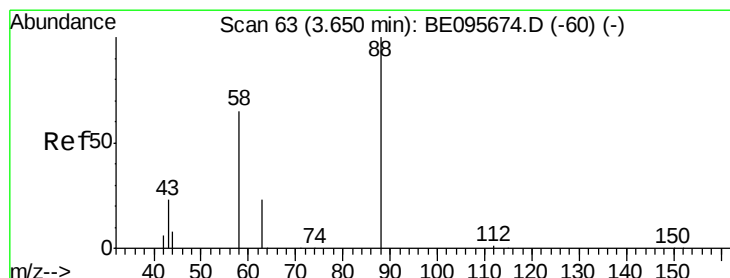
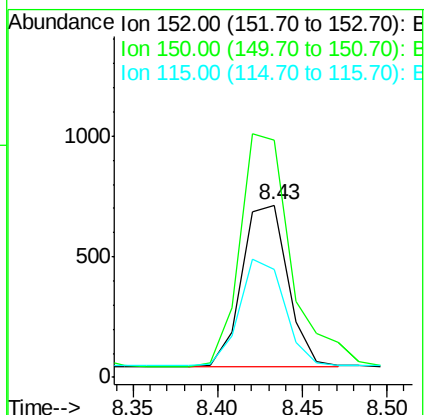
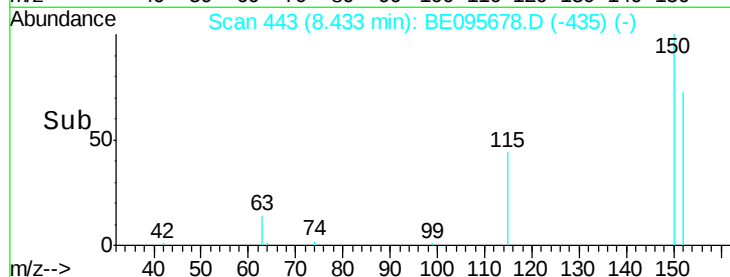
115 62.6 57.0 85.6



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: 0.42 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

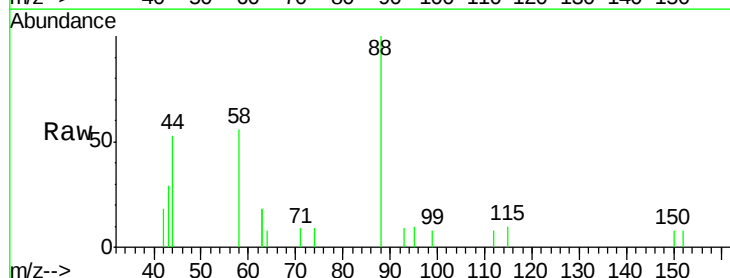
Tgt Ion: 88 Resp: 843

Ion Ratio Lower Upper

88 100

58 75.9 63.2 94.8

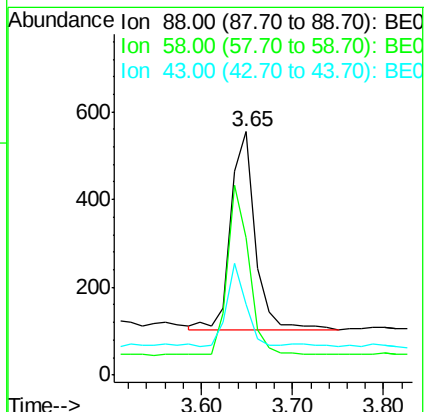
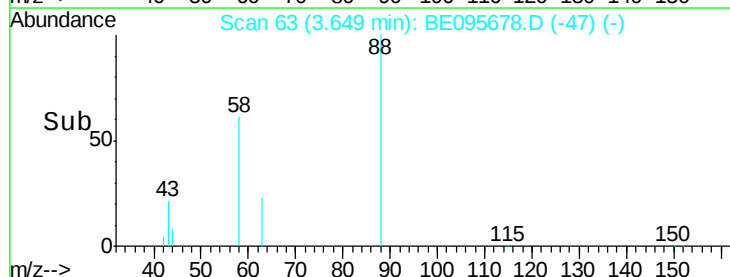
43 32.7 41.2 61.8#

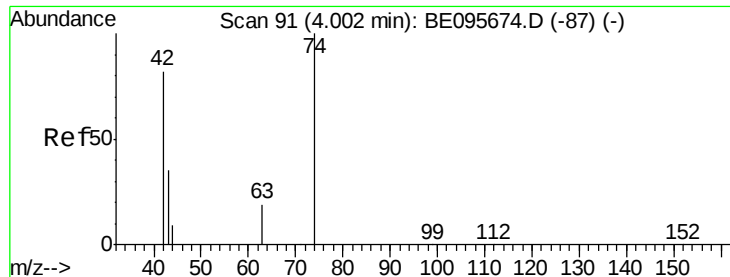


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.99 min Scan# 90

Delta R.T. -0.01 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

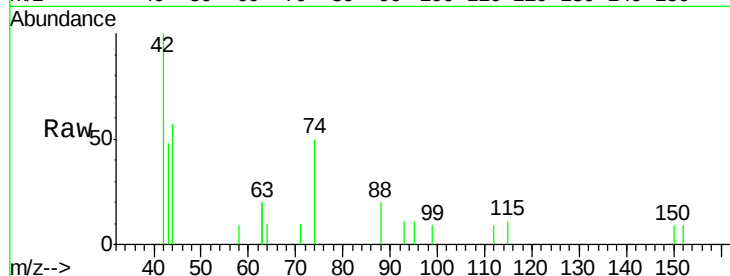
Tot Ion: 42 Resp: 990

Ion Ratio Lower Upper

42 100

74 98.1 96.0 144.0

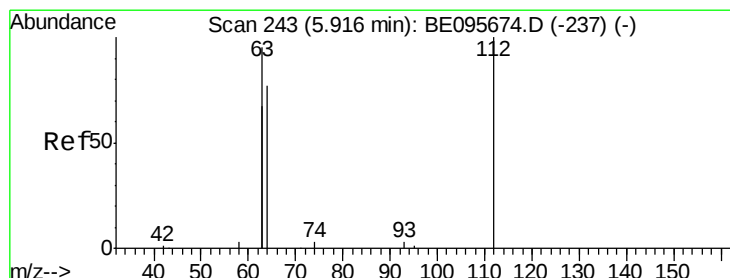
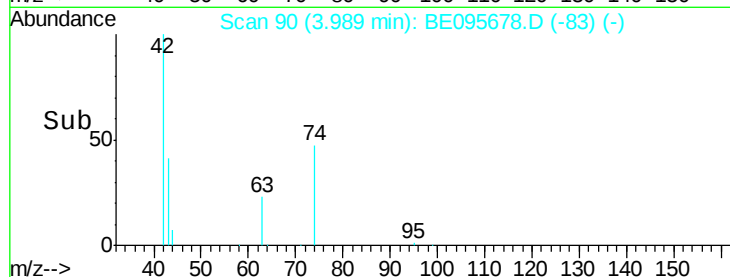
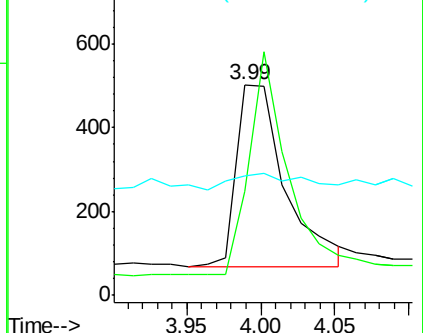
44 13.3 12.0 18.0



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: 0.39 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

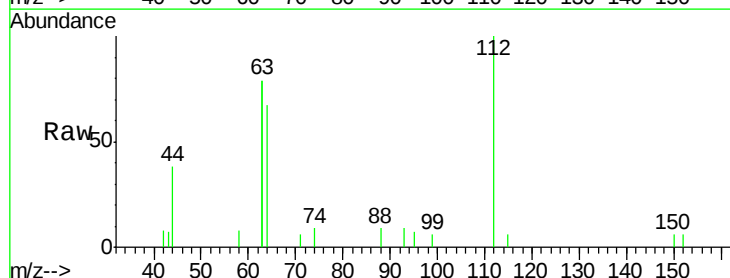
Tgt Ion: 112 Resp: 1311

Ion Ratio Lower Upper

112 100

64 72.8 60.1 90.1

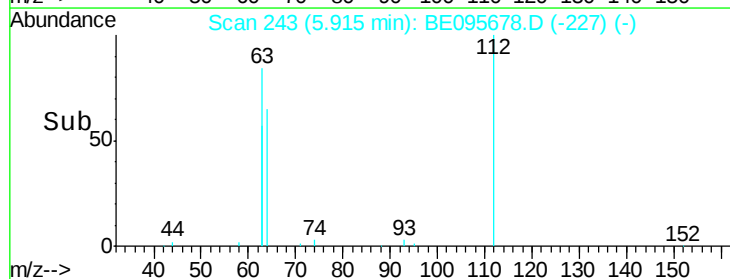
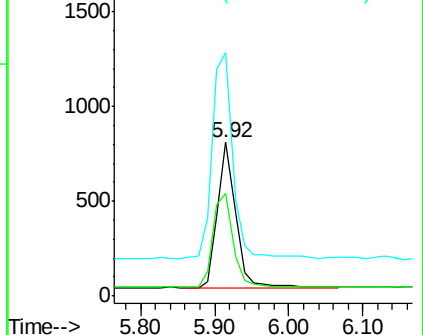
63 162.9 116.8 175.2

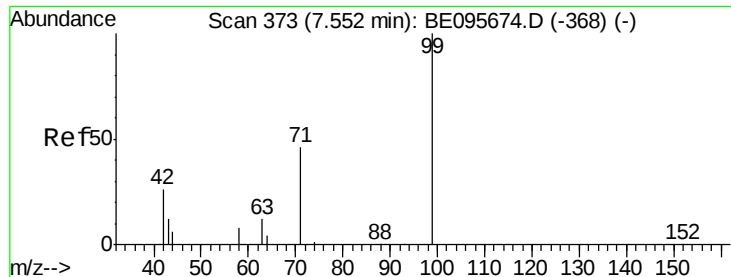


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.40 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

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ICVBE022318

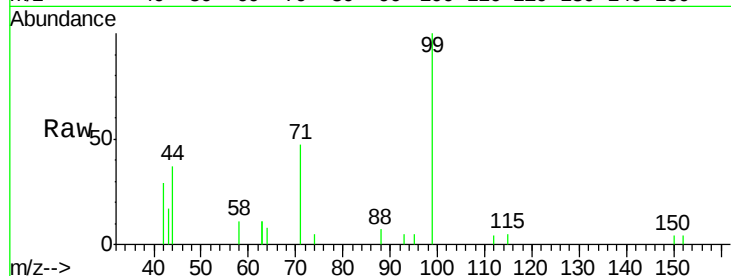
Tot Ion: 99 Resp: 1825

Ion Ratio Lower Upper

99 100

42 25.3 20.2 30.2

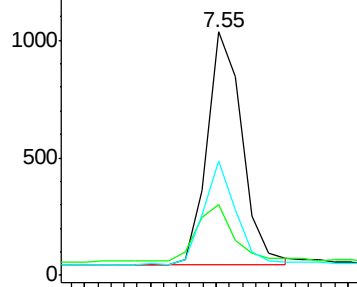
71 41.2 28.4 42.6



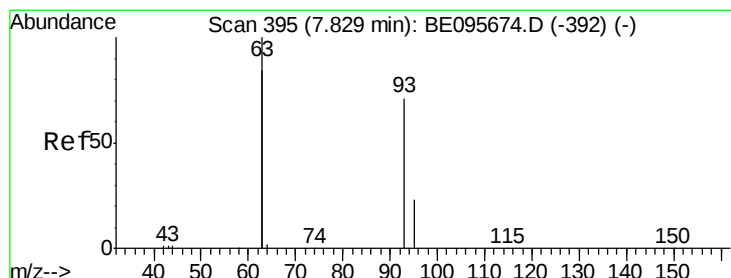
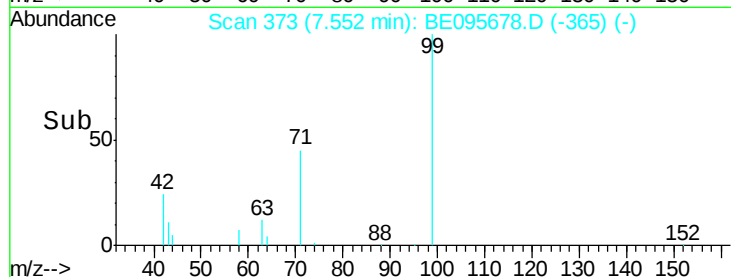
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

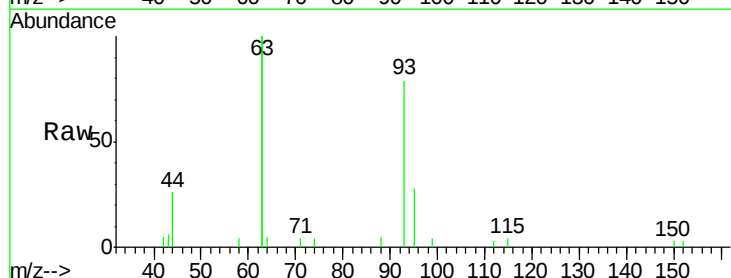
Tgt Ion: 93 Resp: 1906

Ion Ratio Lower Upper

93 100

63 328.2 275.3 412.9

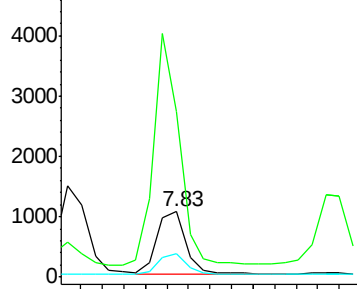
95 31.5 25.2 37.8



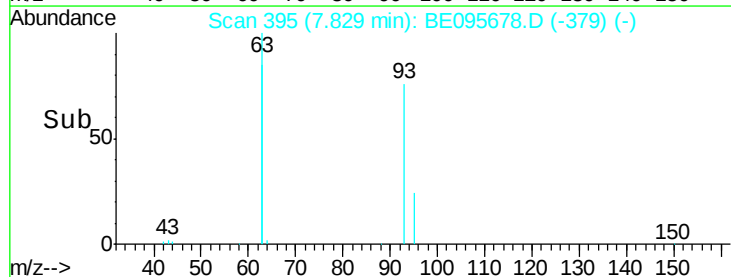
Abundance Ion 93.00 (92.70 to 93.70): BE0

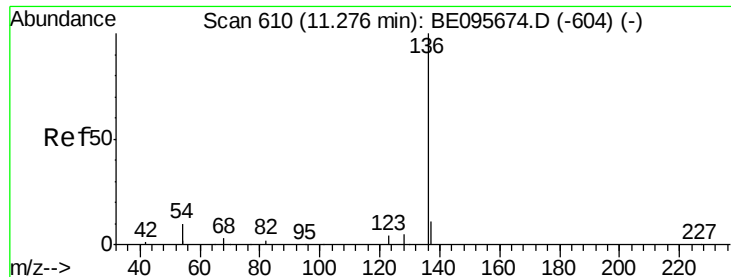
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

Tot Ion:136 Resp: 5017

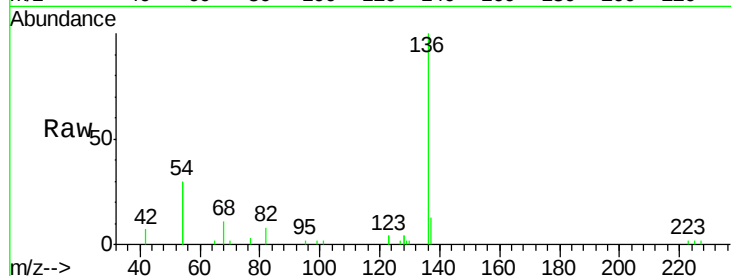
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 60.3 29.1 43.7#

68 11.4 6.2 9.2#

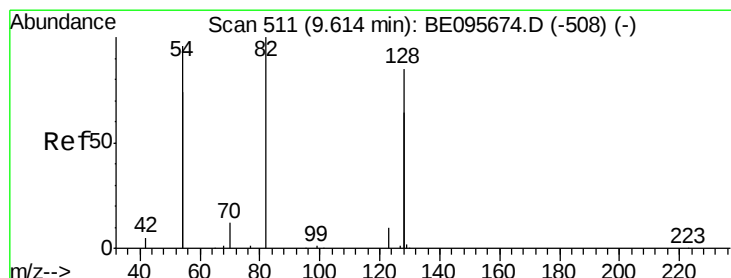
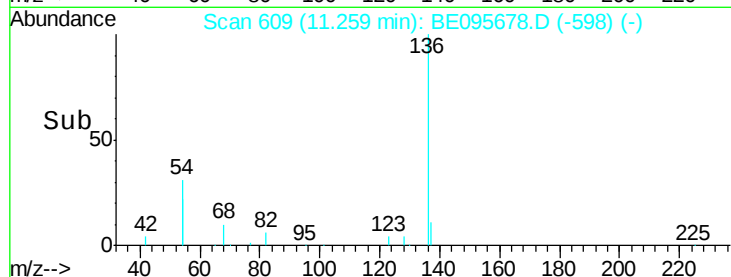
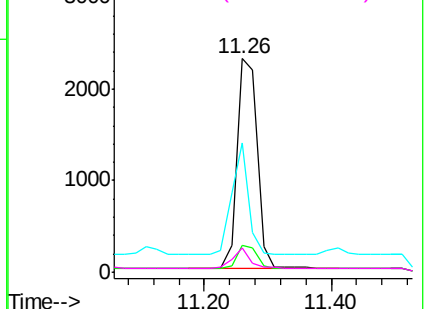


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.37 ng

RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

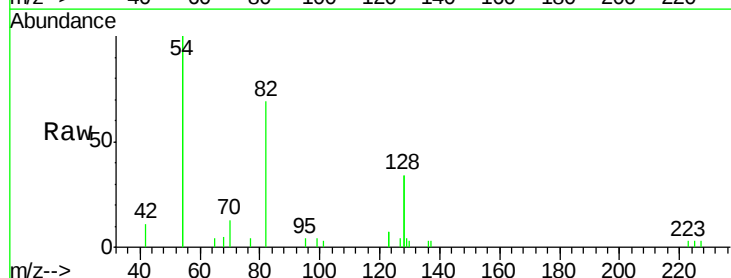
Tgt Ion: 82 Resp: 1910

Ion Ratio Lower Upper

82 100

128 98.4 150.0 225.0#

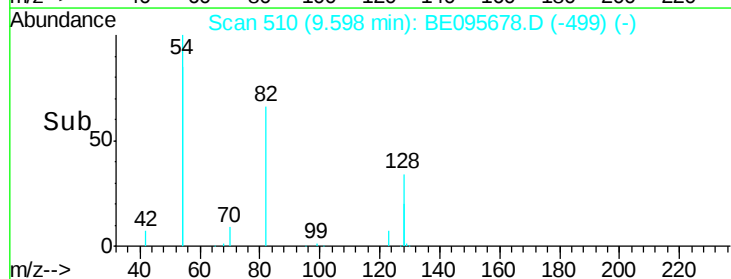
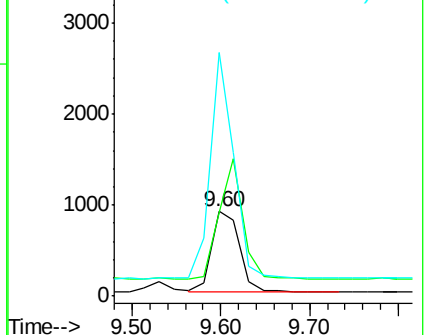
54 287.8 154.2 231.4#

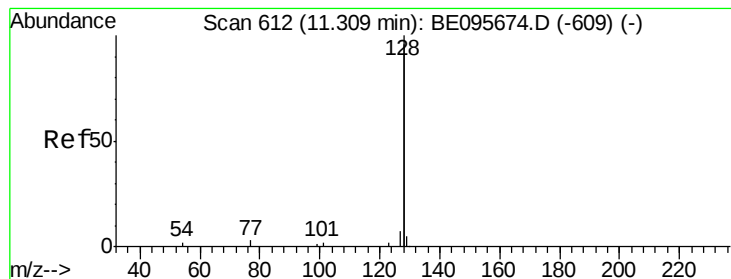


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 11.31 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

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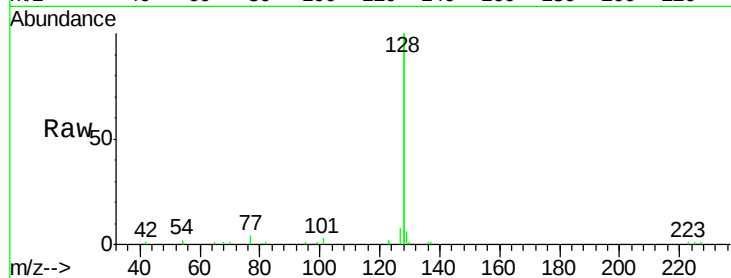
Tot Ion:128 Resp: 23338

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

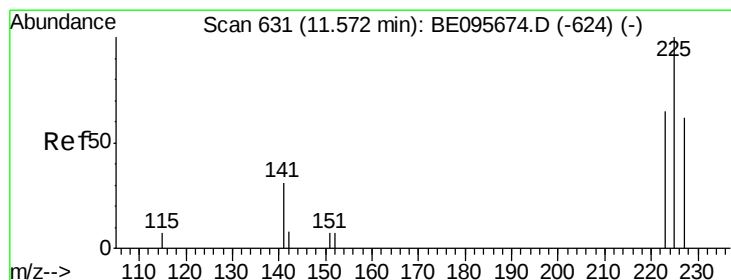
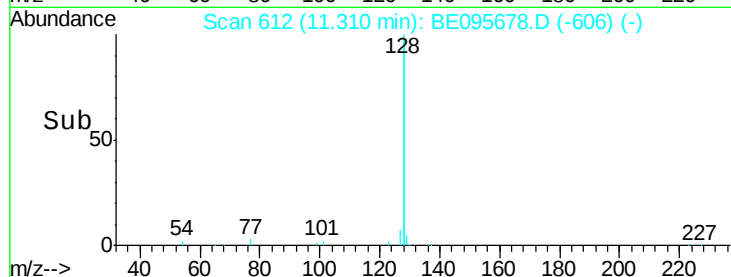
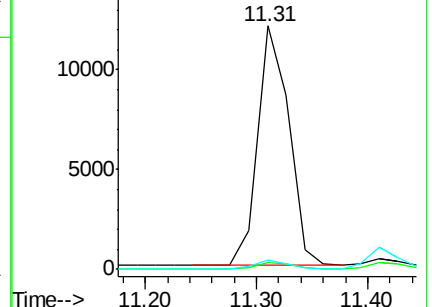
127 3.8 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.45 ng

RT: 11.57 min Scan# 631

Delta R.T. 0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

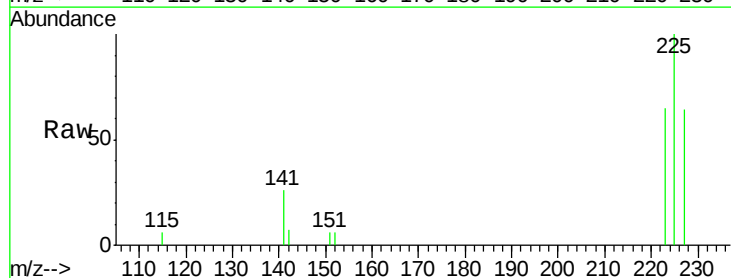
Tgt Ion:225 Resp: 1507

Ion Ratio Lower Upper

225 100

223 65.4 53.0 79.6

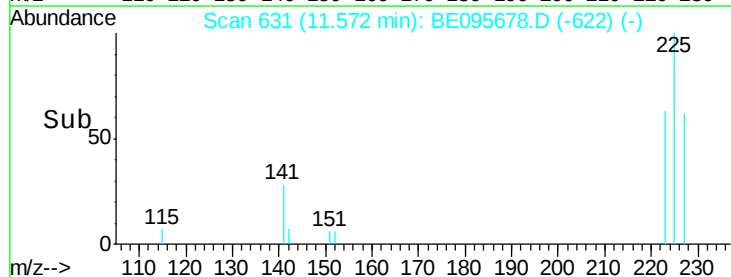
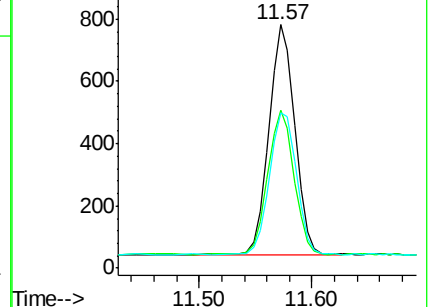
227 60.1 51.4 77.2

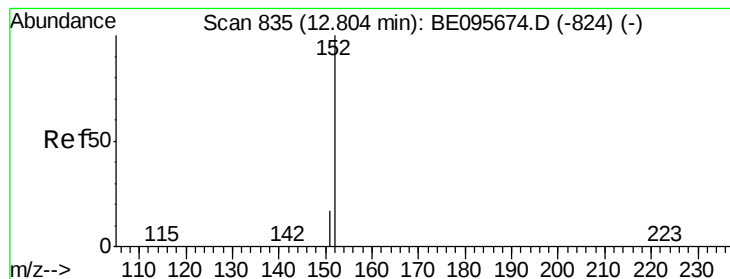


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

RT: 12.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

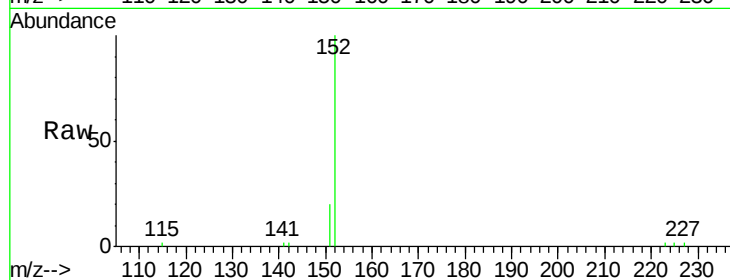
ICVBE022318

Tot Ion:152 Resp: 3385

Ion Ratio Lower Upper

152 100

151 20.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

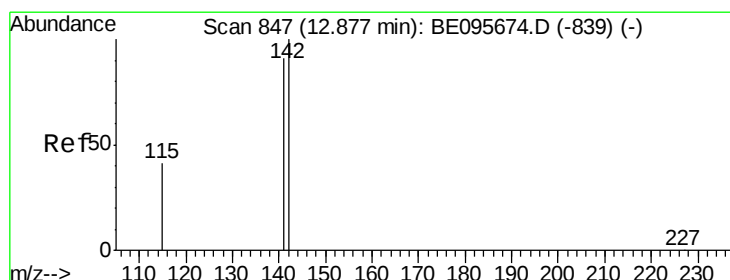
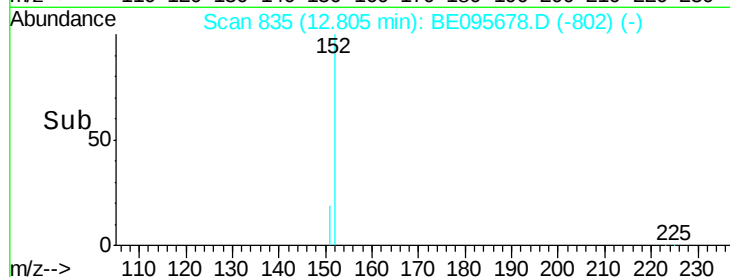
1500

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.40 ng

RT: 12.87 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

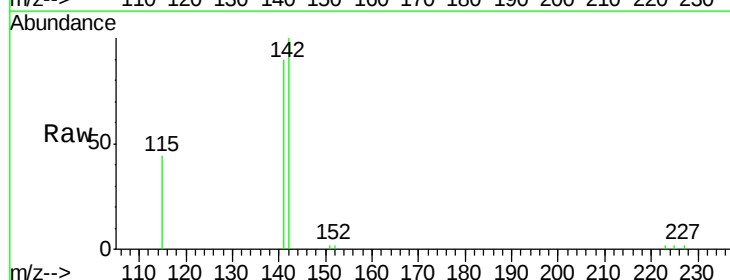
Tgt Ion:142 Resp: 3997

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6

115 43.7 31.7 47.5



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

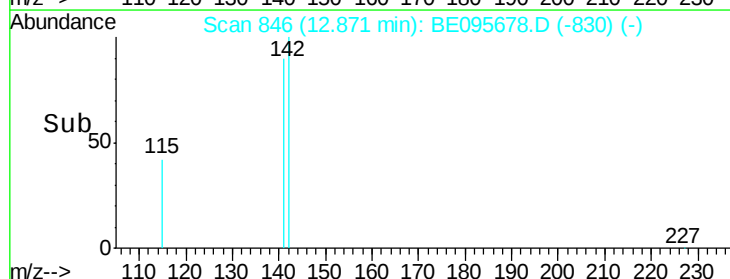
3000

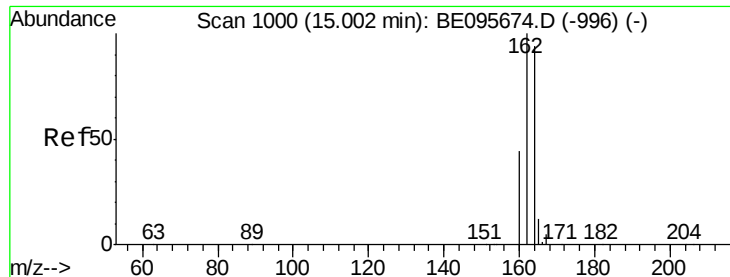
2000

1000

0

Time--> 12.80 12.85 12.90 12.95





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

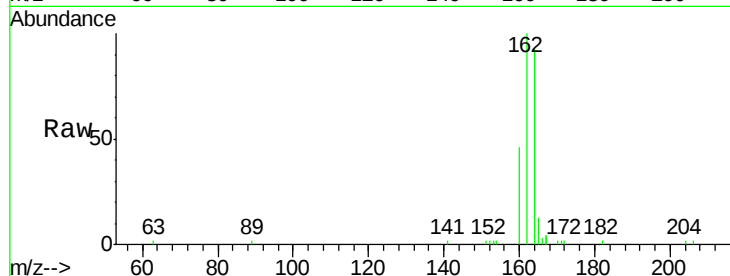
Tot Ion:164 Resp: 2860

Ion Ratio Lower Upper

164 100

162 107.6 83.1 124.7

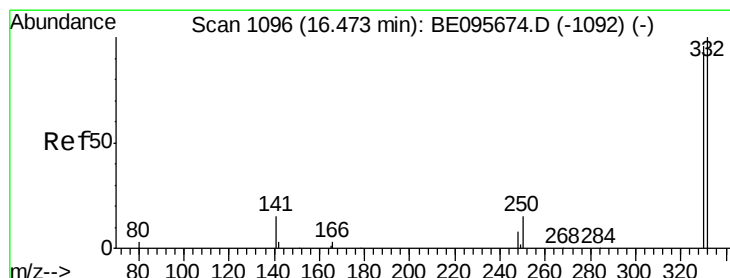
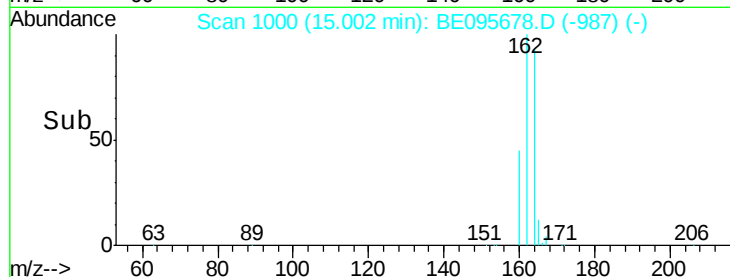
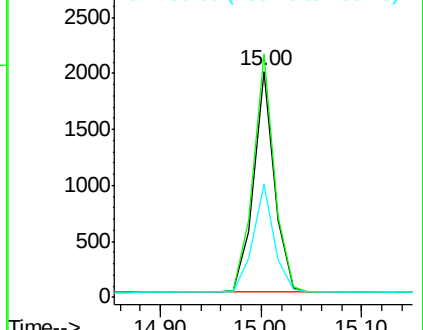
160 49.8 37.1 55.7



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: 0.40 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

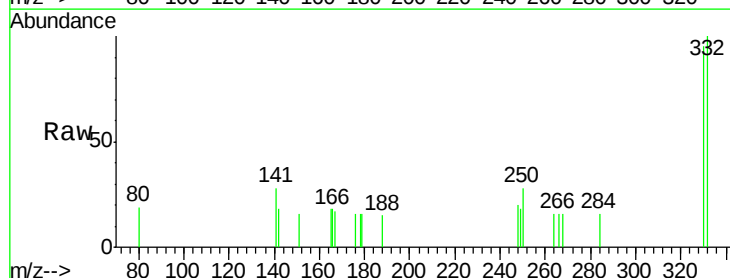
Tgt Ion:330 Resp: 385

Ion Ratio Lower Upper

330 100

332 98.7 152.7 229.1#

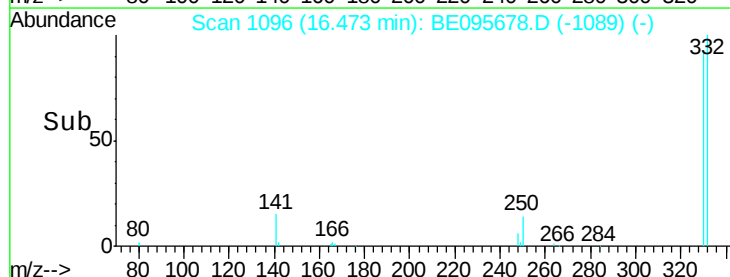
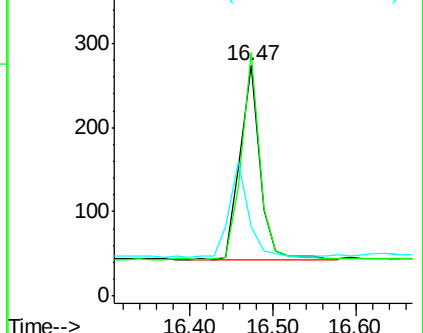
141 47.8 33.7 50.5

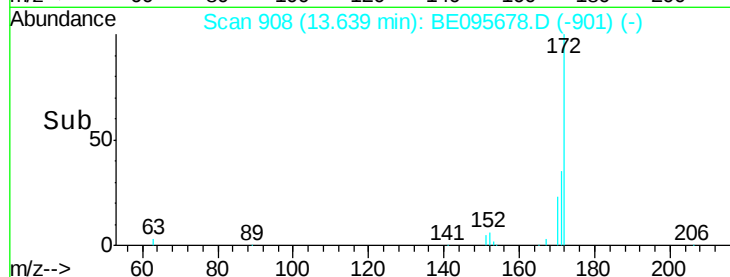
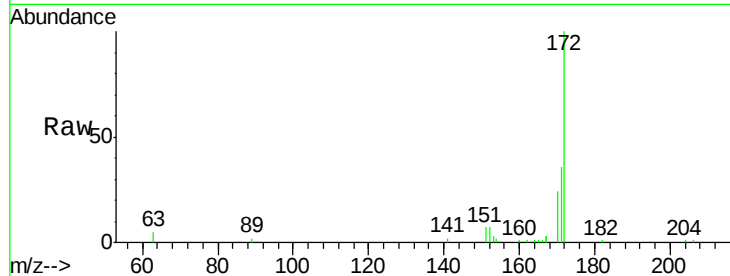
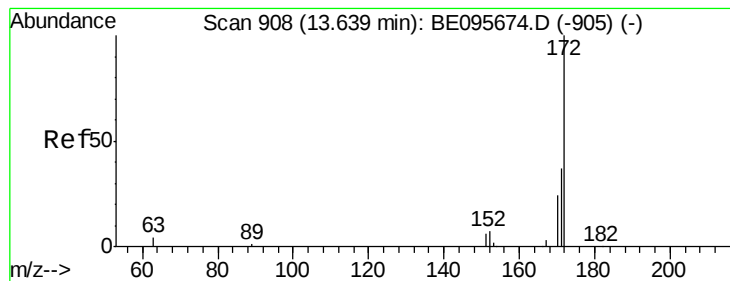


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.41 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

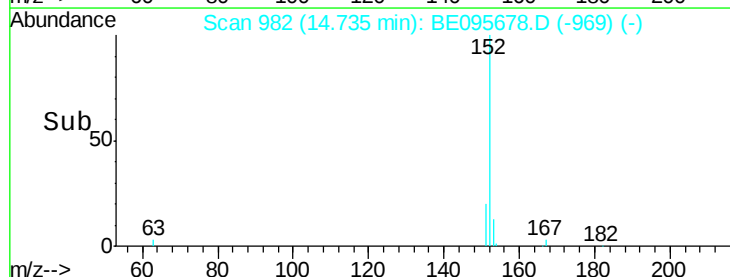
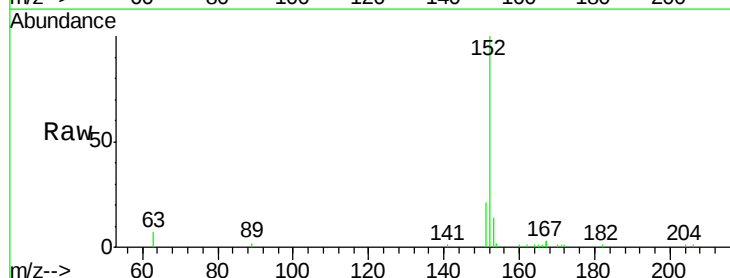
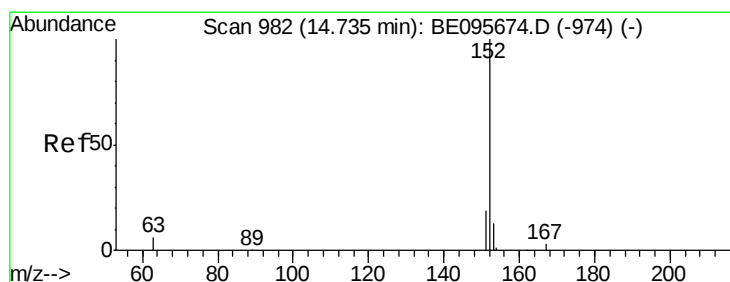
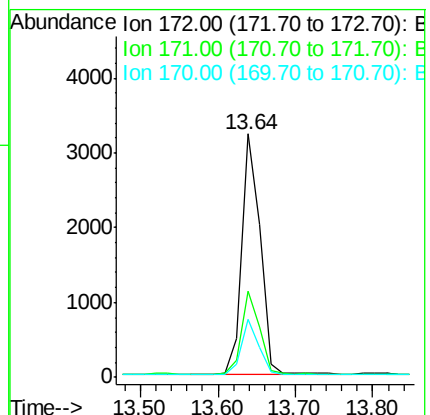
Tot Ion:172 Resp: 5196

Ion Ratio Lower Upper

172 100

171 35.6 29.9 44.9

170 23.6 21.8 32.8



#16

Acenaphthylene

Concen: 0.39 ng

RT: 14.74 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

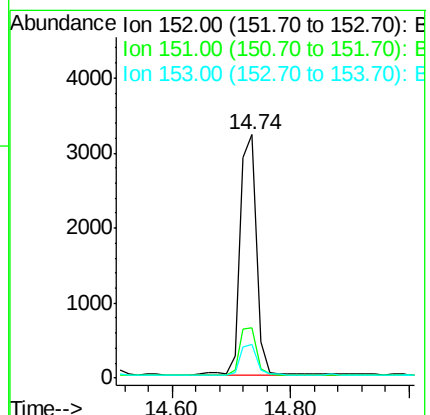
Tgt Ion:152 Resp: 6204

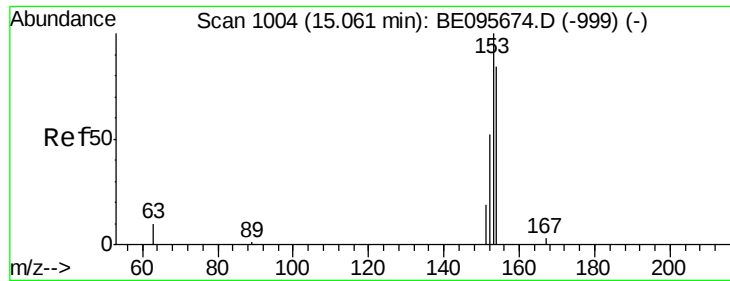
Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.39 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

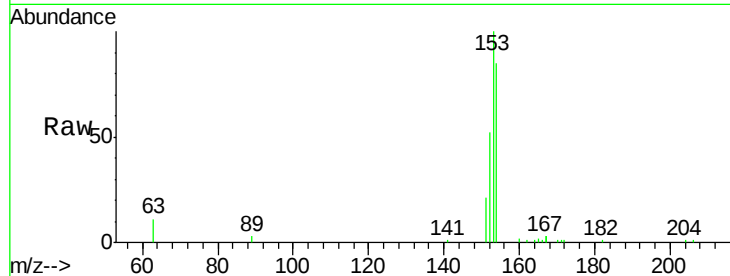
Tot Ion:154 Resp: 3906

Ion Ratio Lower Upper

154 100

153 116.5 89.2 133.8

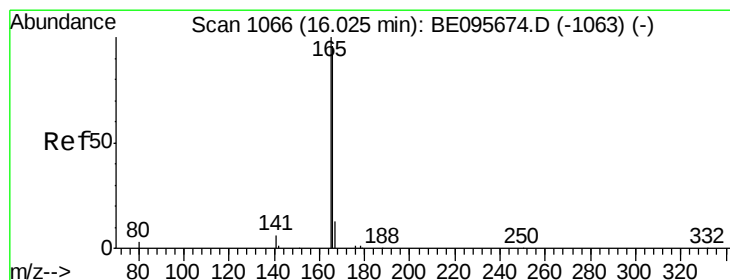
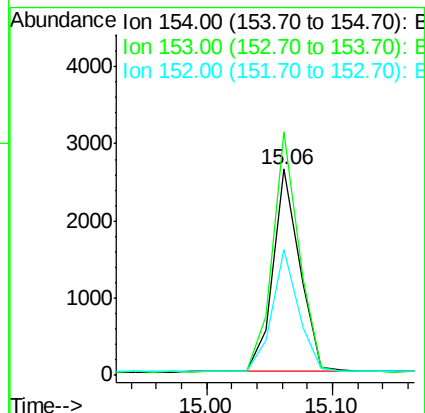
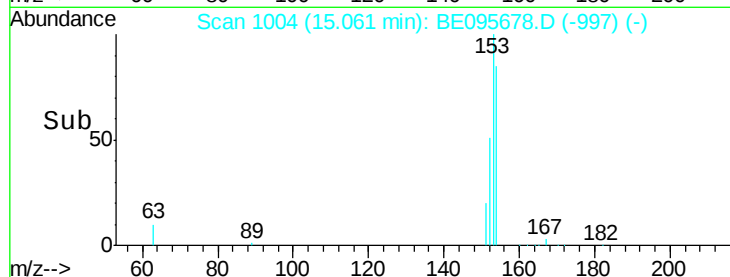
152 59.4 42.0 63.0



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: 0.39 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

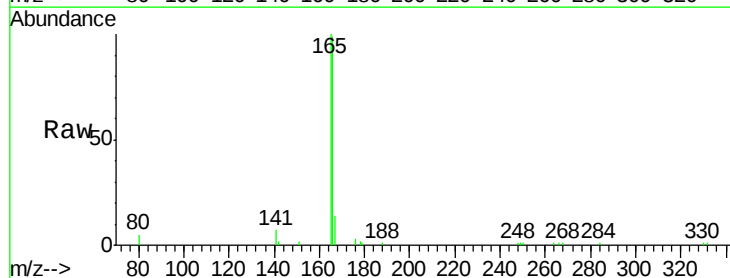
Tgt Ion:166 Resp: 4924

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

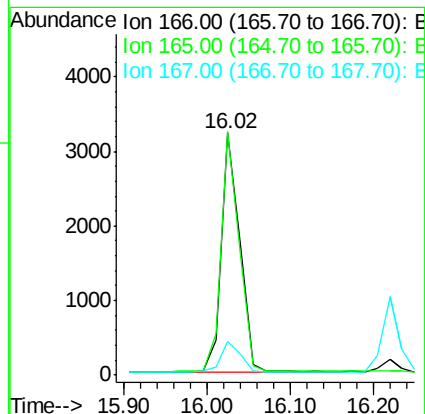
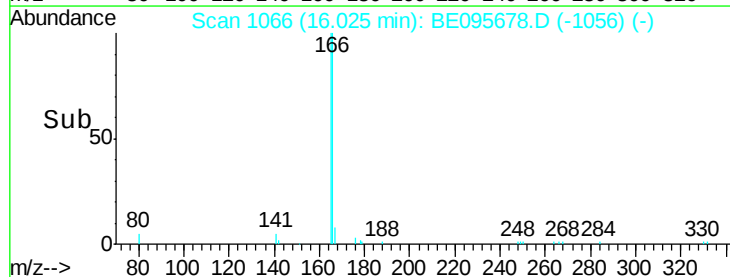
167 13.2 42.4 63.6#

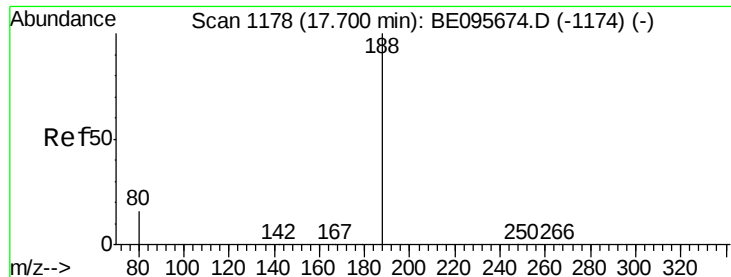


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.70 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

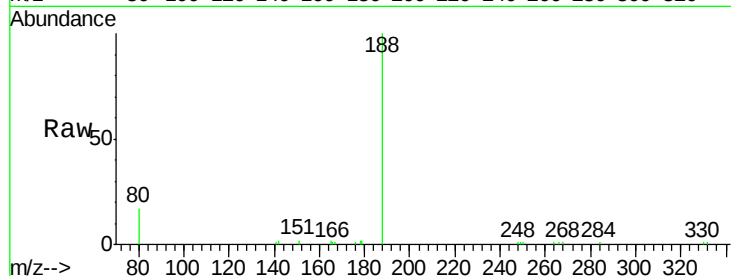
Tot Ion:188 Resp: 6329

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

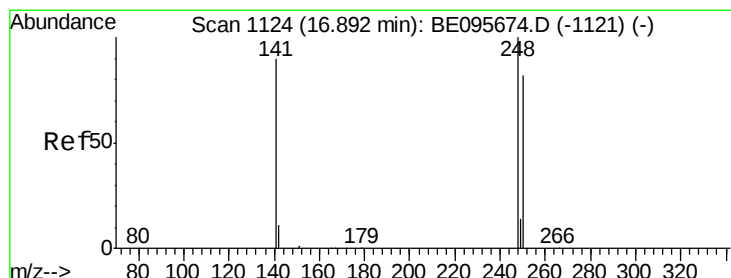
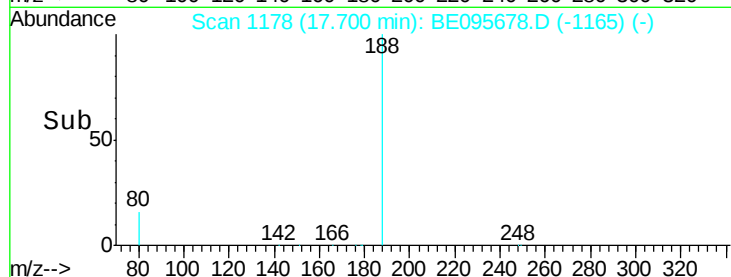
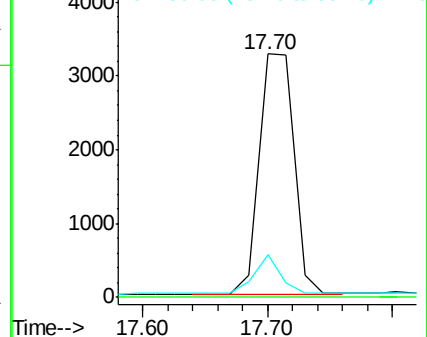
80 17.5 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.39 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

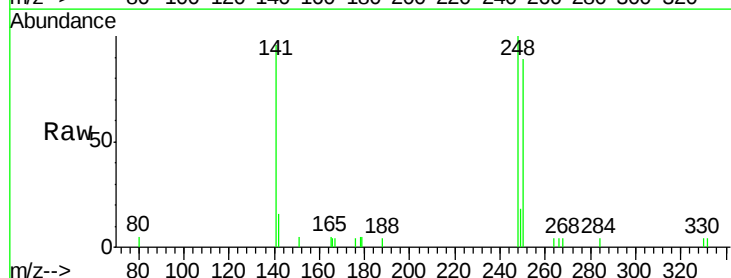
Tgt Ion:248 Resp: 1553

Ion Ratio Lower Upper

248 100

250 88.7 62.7 94.1

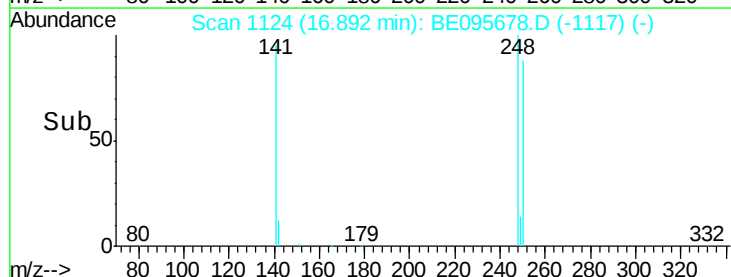
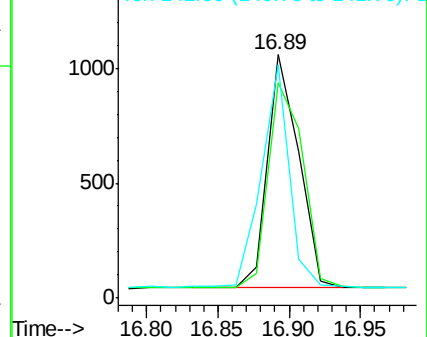
141 95.8 48.2 72.2#

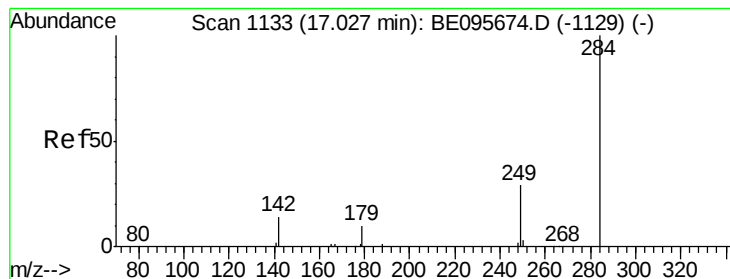


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.40 ng

RT: 17.03 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

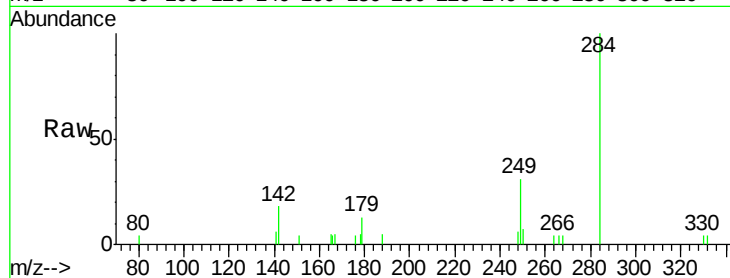
Tot Ion:284 Resp: 1641

Ion Ratio Lower Upper

284 100

142 41.1 22.1 33.1#

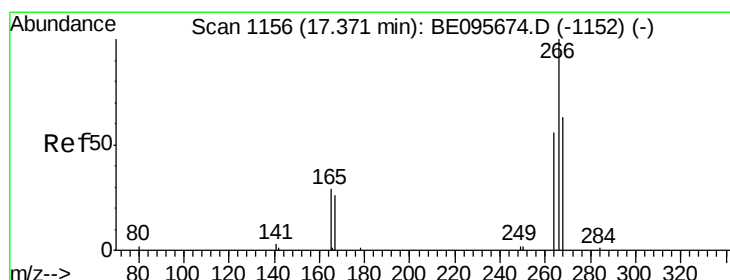
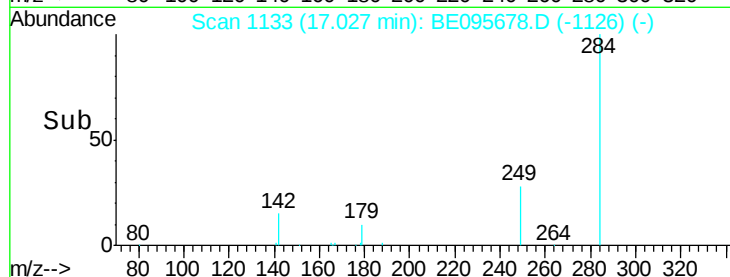
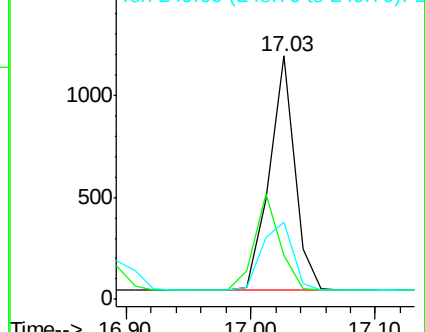
249 34.7 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.39 ng

RT: 17.36 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

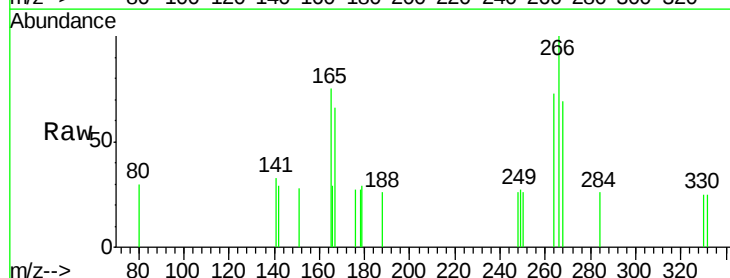
Tgt Ion:266 Resp: 325

Ion Ratio Lower Upper

266 100

264 73.1 72.5 108.7

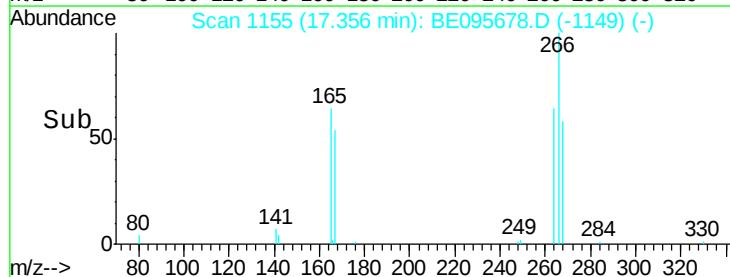
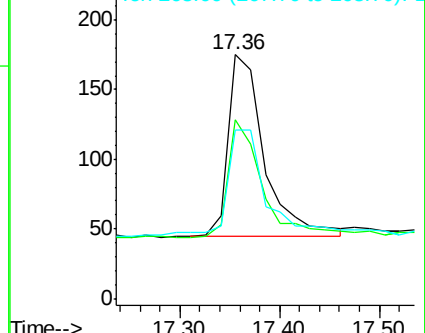
268 69.1 73.8 110.6#

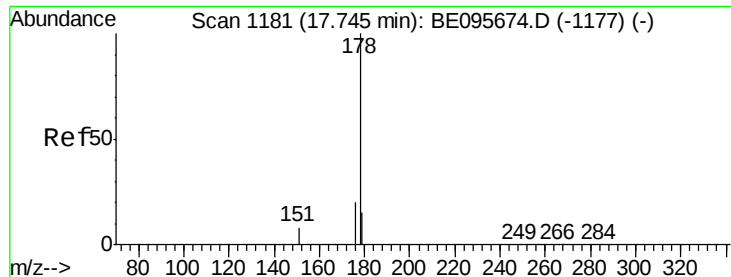


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.40 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

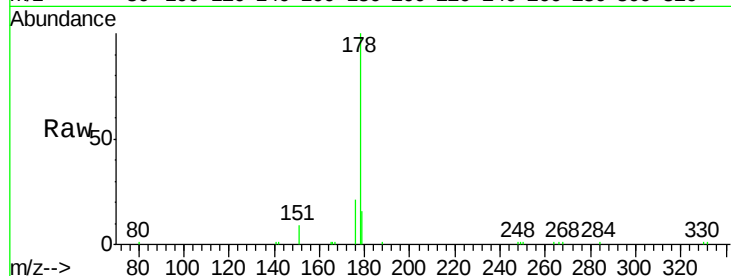
Tot Ion:178 Resp: 7839

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

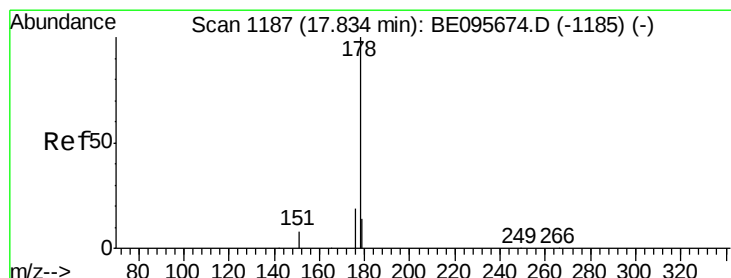
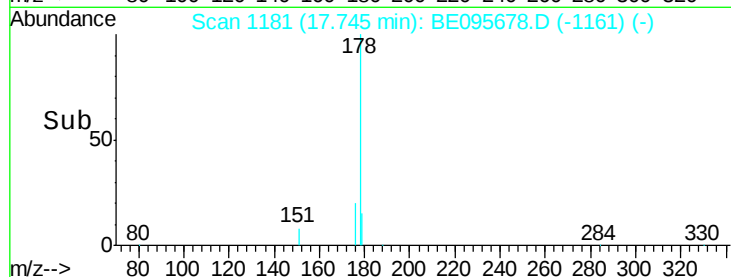
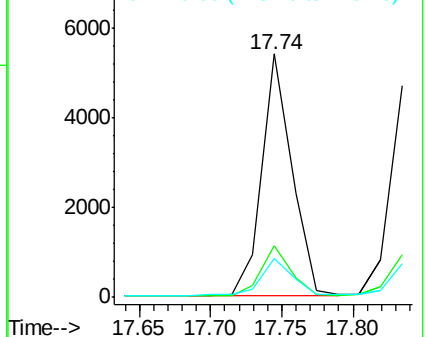
179 15.2 11.8 17.6



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: 0.39 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

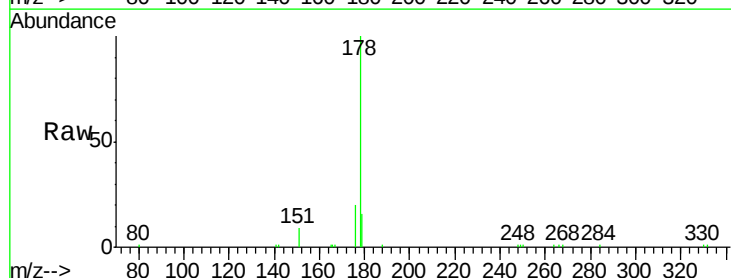
Tgt Ion:178 Resp: 7013

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

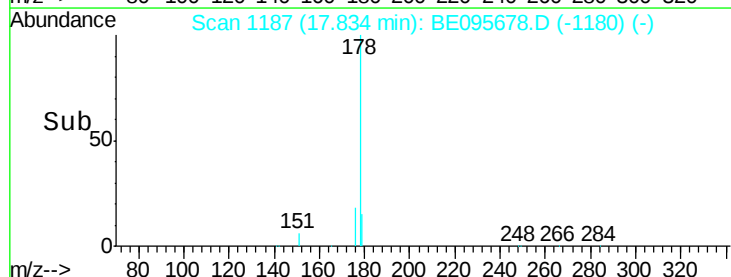
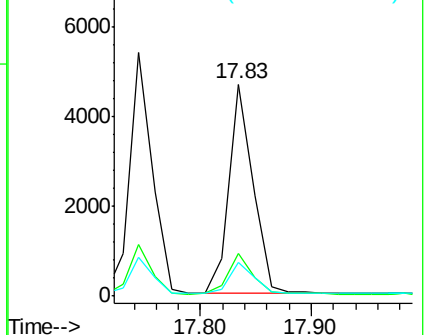
179 15.3 13.0 19.6

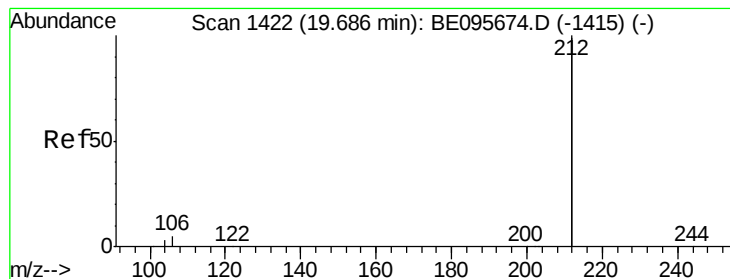


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.39 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

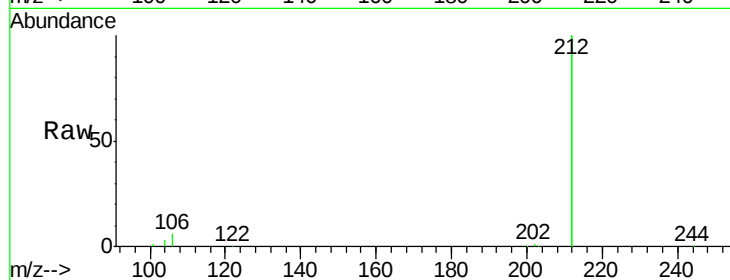
Tot Ion:212 Resp: 32106

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

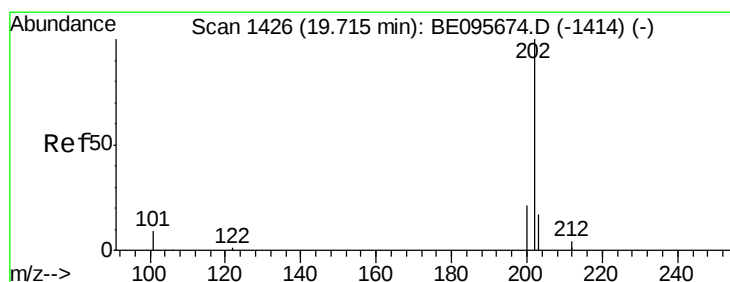
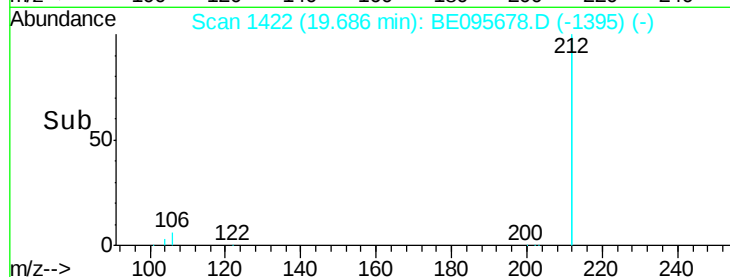
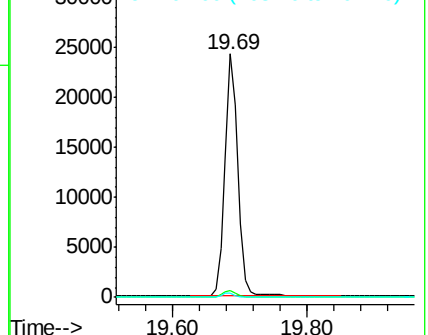
104 1.7 1.6 2.4



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: 0.39 ng

RT: 19.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

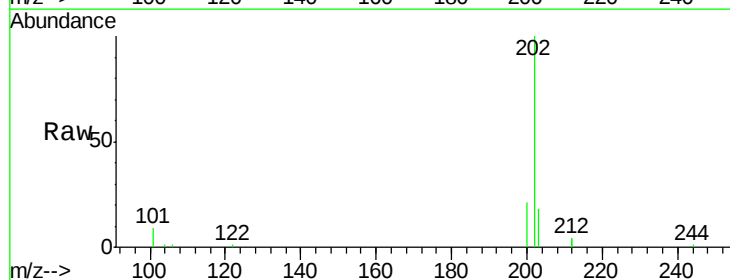
Tgt Ion:202 Resp: 9474

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8

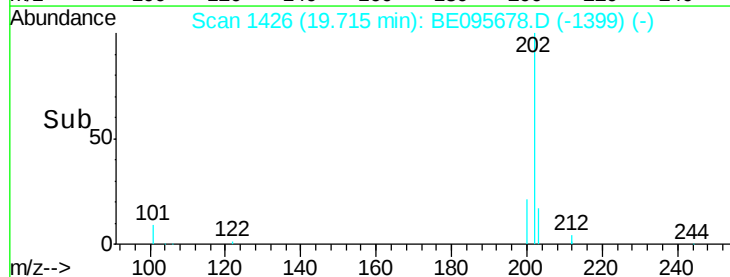
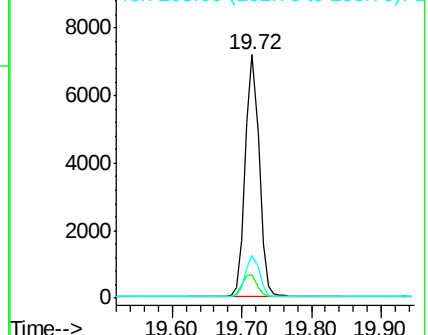
203 17.2 13.7 20.5

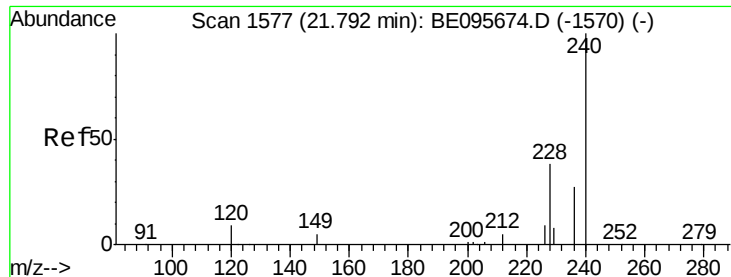


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

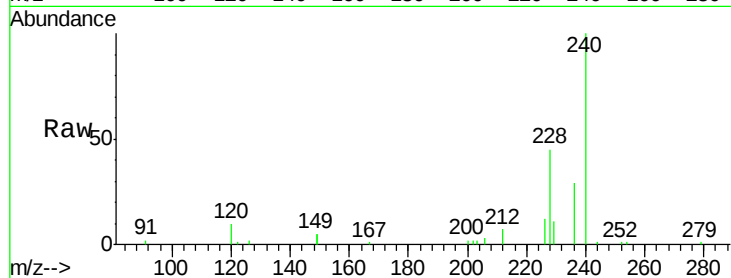
Tot Ion:240 Resp: 6576

Ion Ratio Lower Upper

240 100

120 10.4 5.5 8.3#

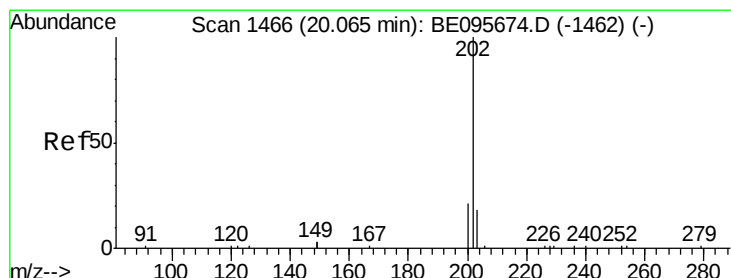
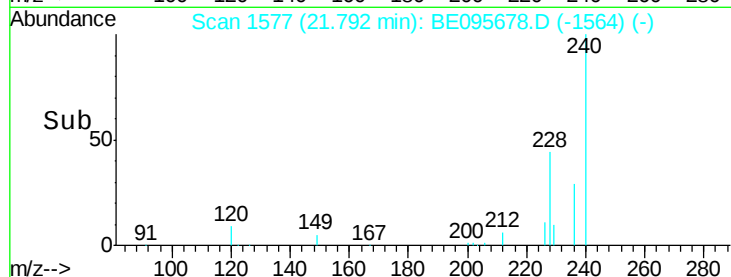
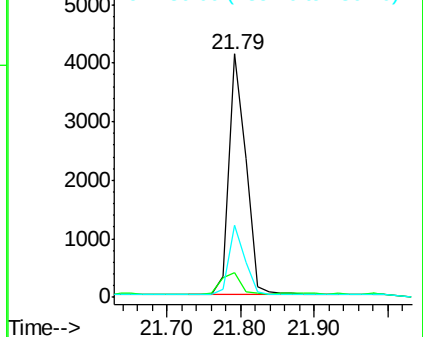
236 29.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.37 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

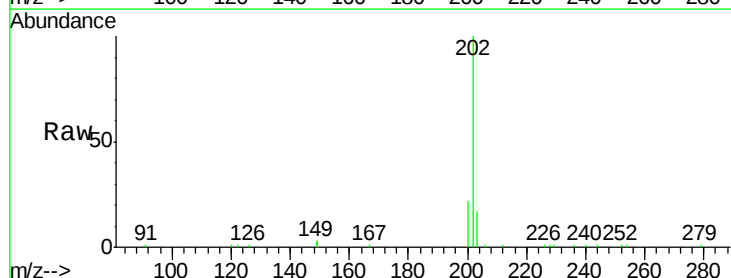
Tgt Ion:202 Resp: 9998

Ion Ratio Lower Upper

202 100

200 22.3 16.6 25.0

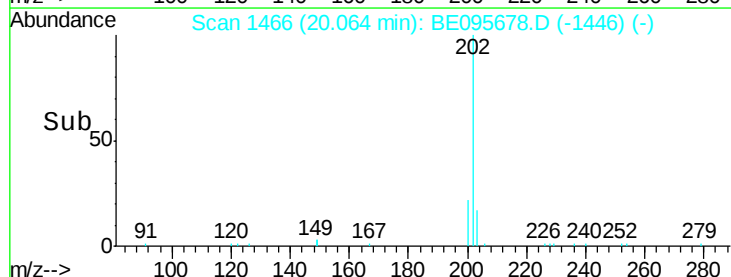
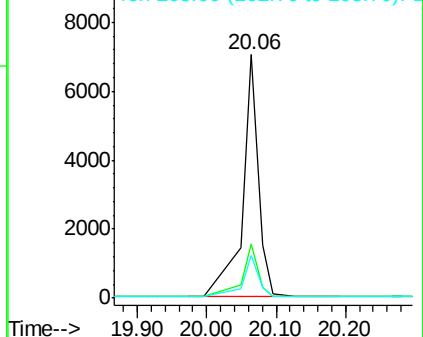
203 15.7 13.8 20.8

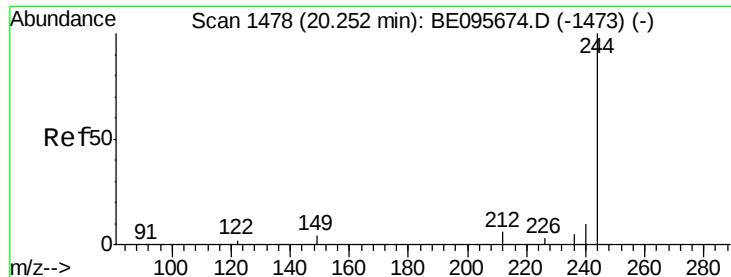


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

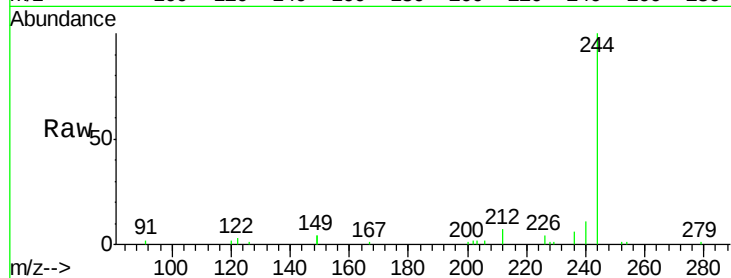
Tot Ion:244 Resp: 5180

Ion Ratio Lower Upper

244 100

212 6.8 25.4 38.0#

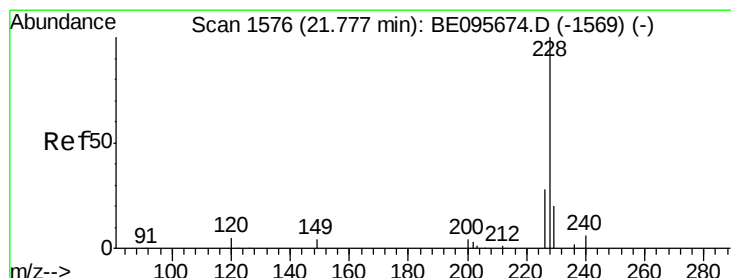
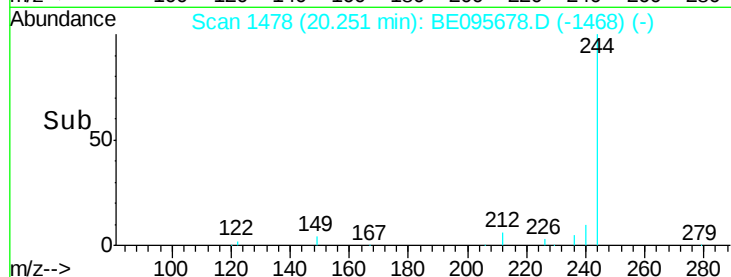
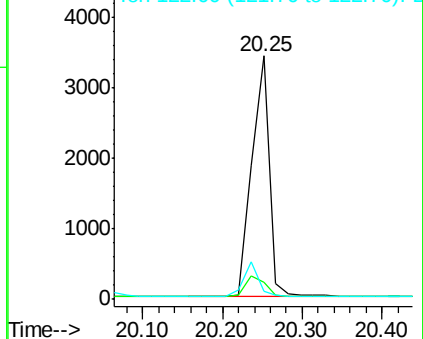
122 3.3 8.1 12.1#



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: 0.39 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

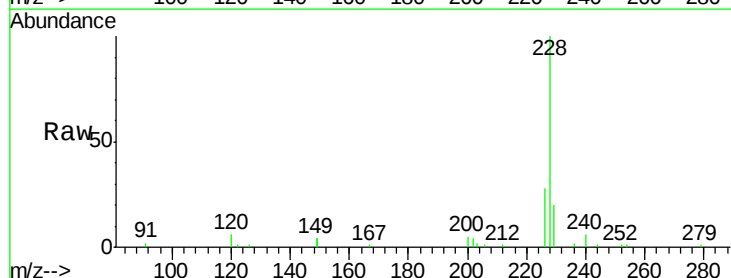
Tgt Ion:228 Resp: 8466

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

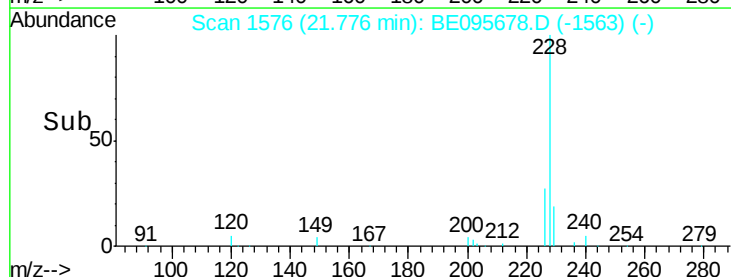
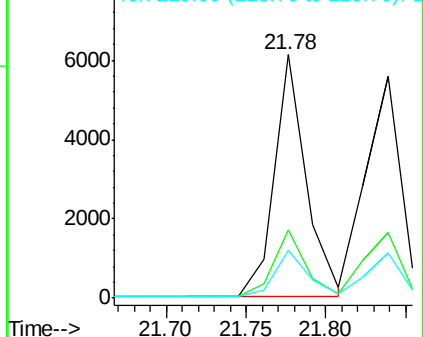
229 19.6 16.0 24.0

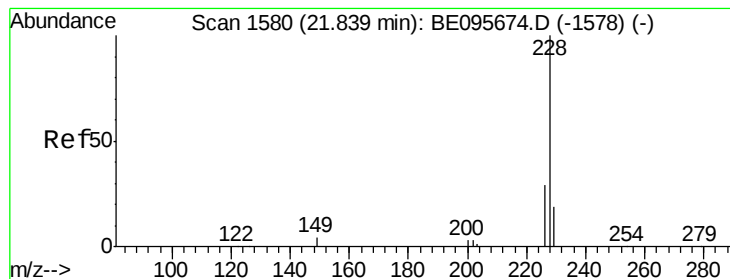


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.40 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

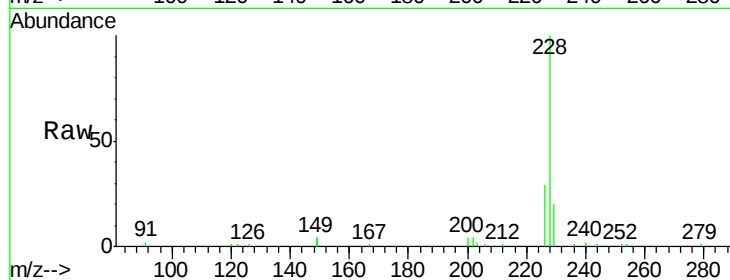
BNA_E

ClientSampleId :

ICVBE022318

Tot Ion:228 Resp: 8477

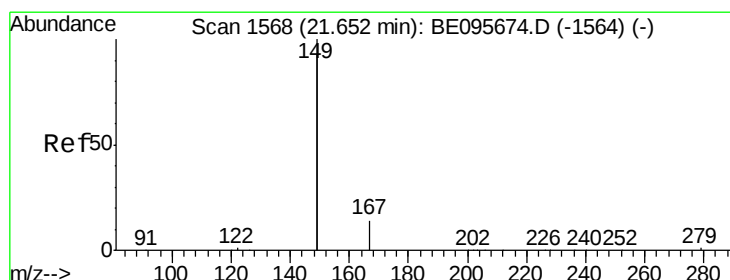
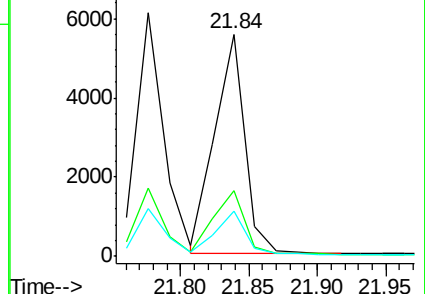
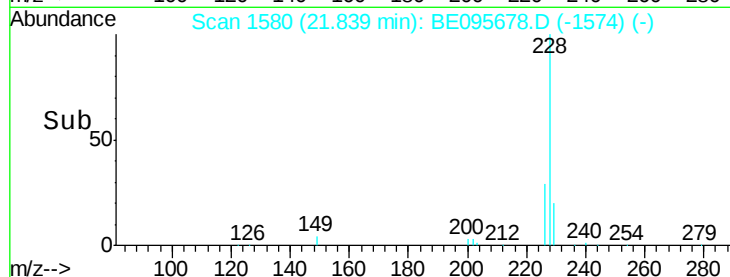
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	20.4	16.0	24.0



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: 0.36 ng

RT: 21.65 min Scan# 1568

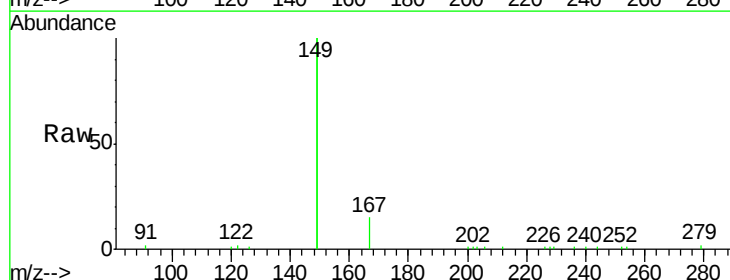
Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Tgt Ion:149 Resp: 13474

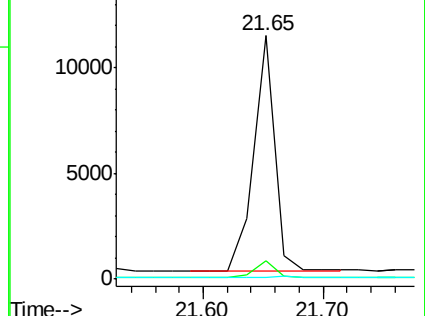
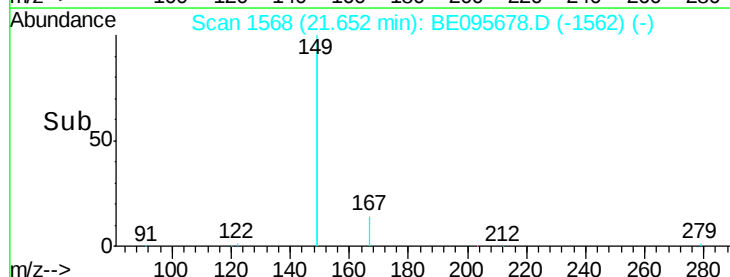
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.8	0.7	1.1

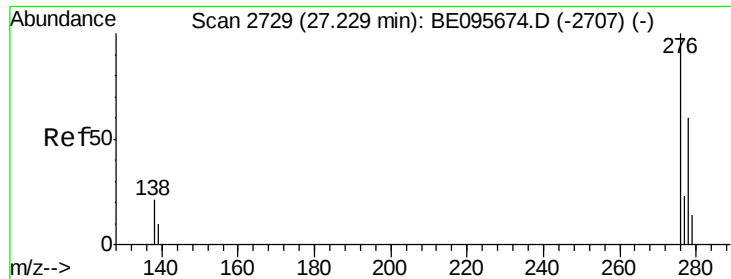


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

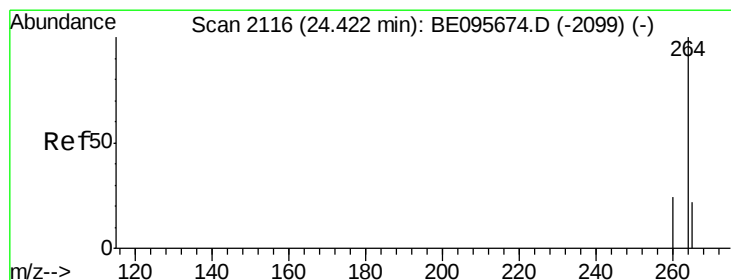
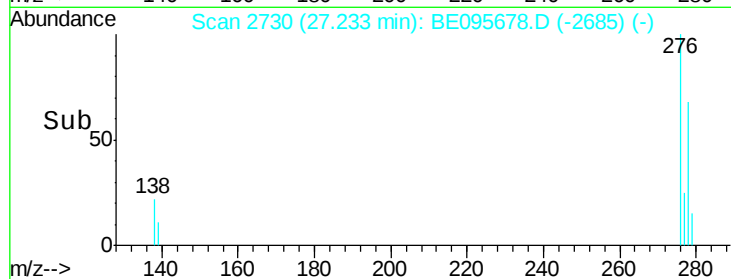
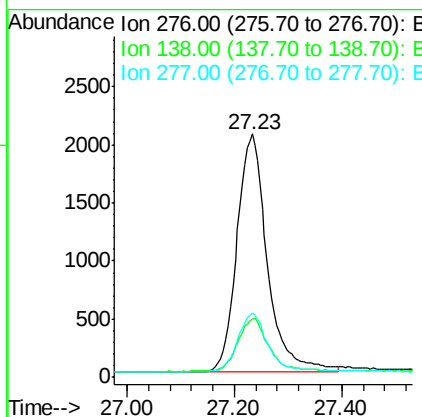
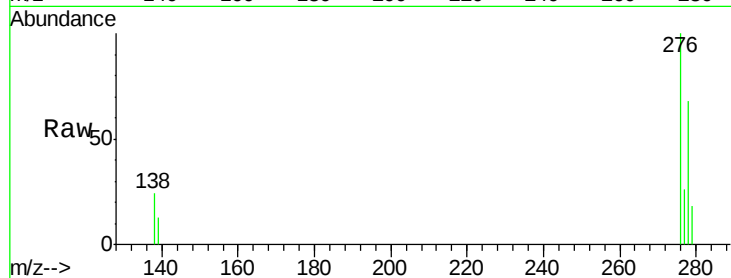




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.39 ng
 RT: 27.23 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BE095678.D
 Acq: 23 Feb 2018 12:08

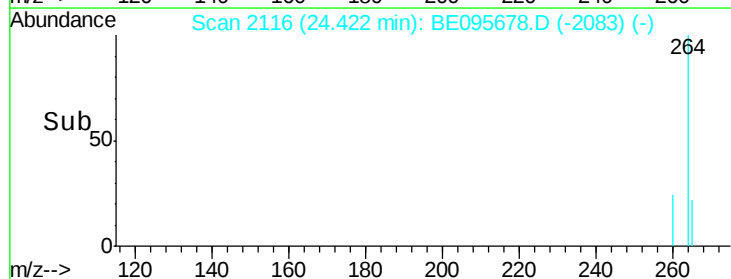
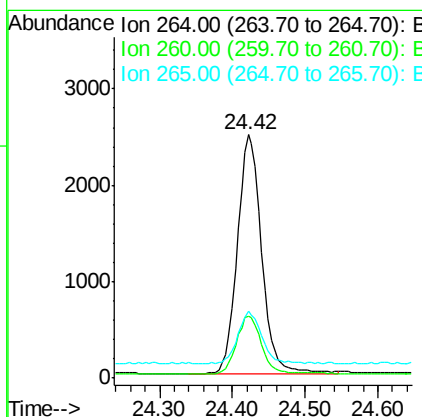
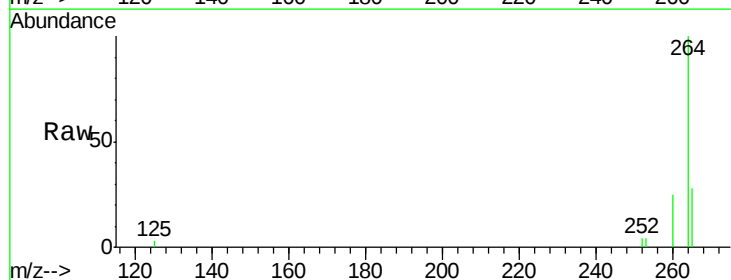
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE022318

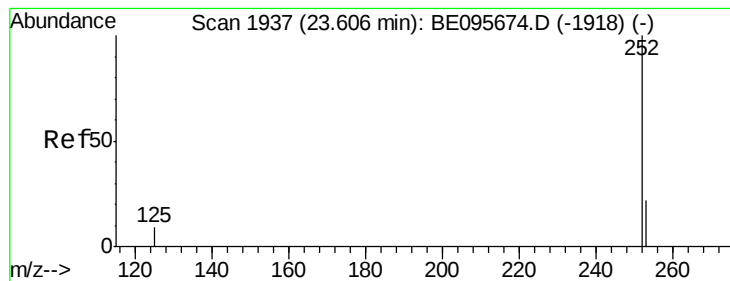
Tot Ion:276 Resp: 8013
 Ion Ratio Lower Upper
 276 100
 138 22.1 22.5 33.7#
 277 24.8 19.9 29.9



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.42 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BE095678.D
 Acq: 23 Feb 2018 12:08

Tgt Ion:264 Resp: 5754
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.5 30.7
 265 27.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.39 ng

RT: 23.61 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

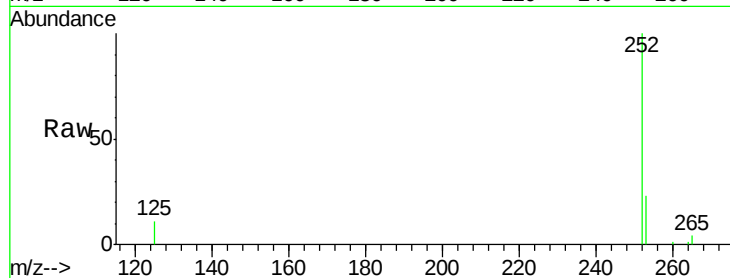
Tot Ion:252 Resp: 8090

Ion Ratio Lower Upper

252 100

253 23.5 20.0 30.0

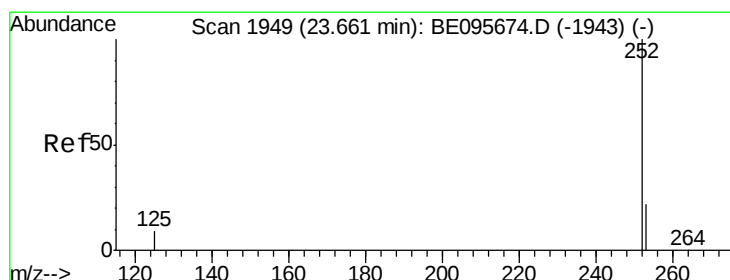
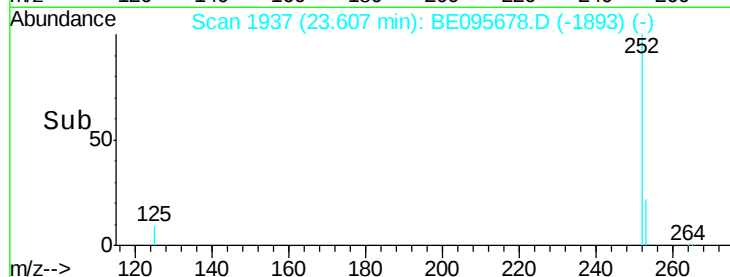
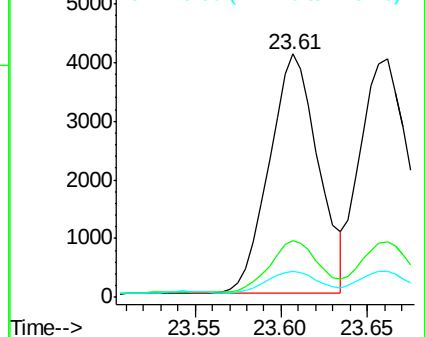
125 10.7 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.66 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

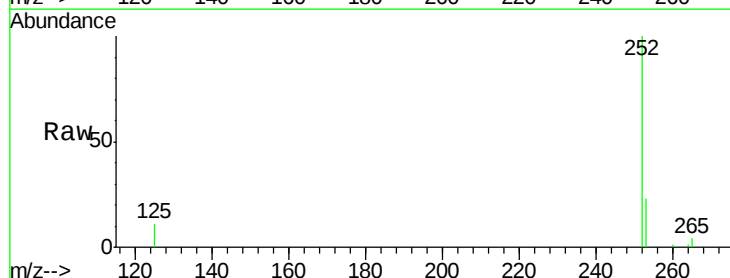
Tgt Ion:252 Resp: 8098

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

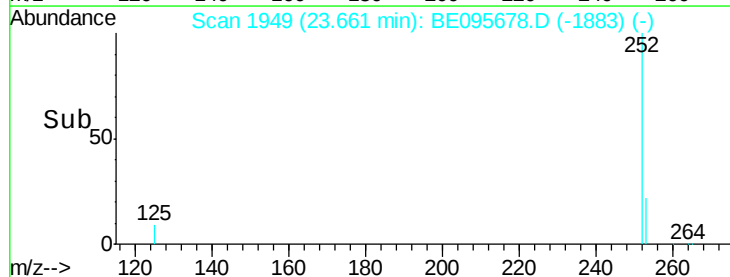
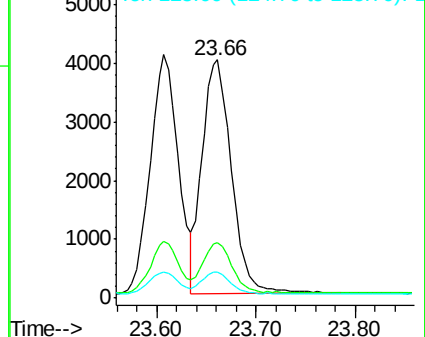
125 10.9 8.0 12.0

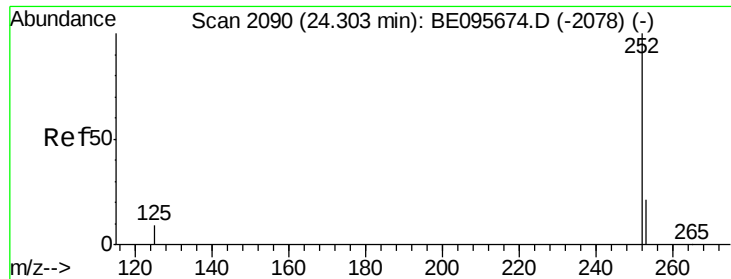


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.39 ng

RT: 24.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

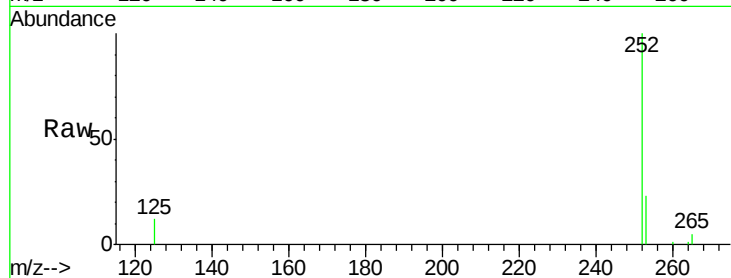
Tot Ion:252 Resp: 7258

Ion Ratio Lower Upper

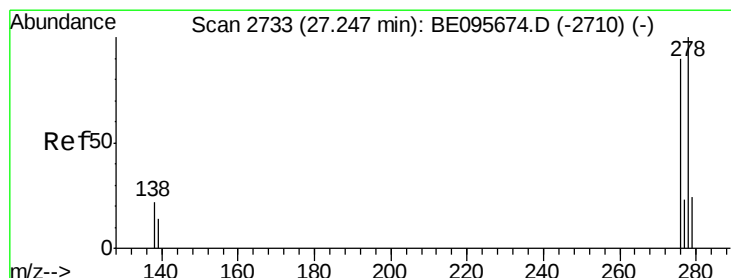
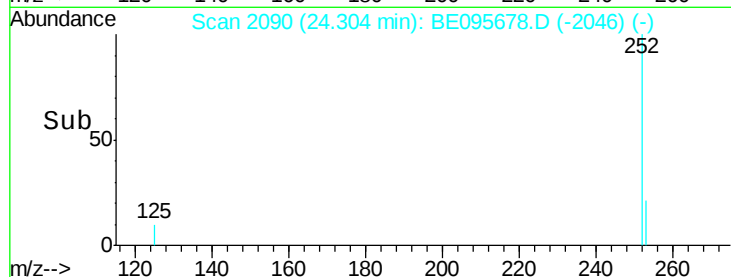
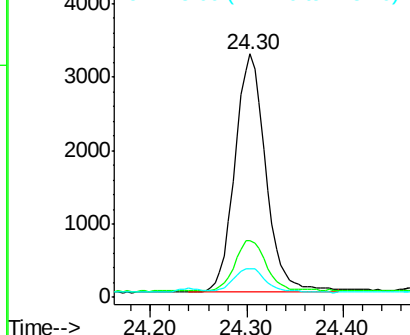
252 100

253 23.3 16.0 24.0

125 11.7 12.0 18.0#



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: 0.39 ng

RT: 27.25 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

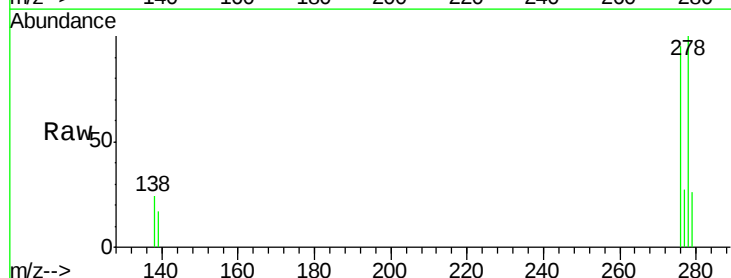
Tgt Ion:278 Resp: 6364

Ion Ratio Lower Upper

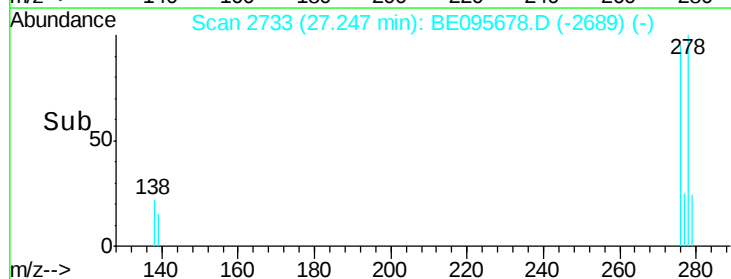
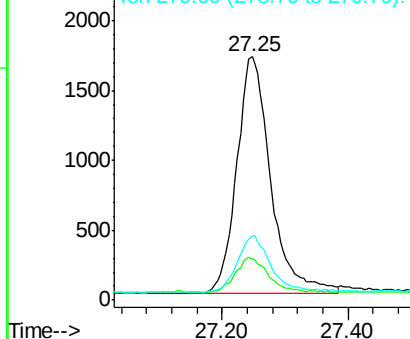
278 100

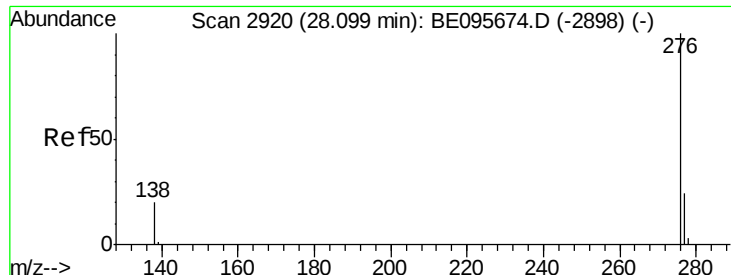
139 17.3 16.0 24.0

279 26.3 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.39 ng

RT: 28.10 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BE095678.D

Acq: 23 Feb 2018 12:08

Instrument :

BNA_E

ClientSampleId :

ICVBE022318

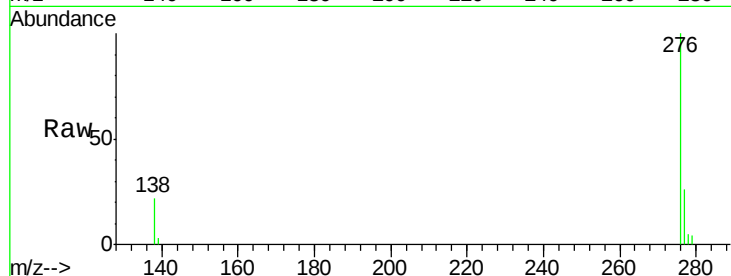
Tot Ion: 276 Resp: 6866

Ion Ratio Lower Upper

276 100

277 26.1 16.0 24.0#

138 21.8 20.0 30.0



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

