

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095723.D
 Acq On : 12 Mar 2018 9:39
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 12 12:24:23 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	1436	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5869	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3344	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7788	0.40	ng	0.00
27) Chrysene-d12	21.80	240	8277	0.40	ng	0.00
34) Perylene-d12	24.43	264	7552	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1350	0.36	ng	0.00
5) Phenol-d6	7.56	99	2020	0.38	ng	0.00
8) Nitrobenzene-d5	9.61	82	2171	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3520	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	443	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5257	0.35	ng	0.00
25) Fluoranthene-d10	19.69	212	36827	0.36	ng	0.00
29) Terphenyl-d14	20.24	244	5988	0.36	ng	-0.01

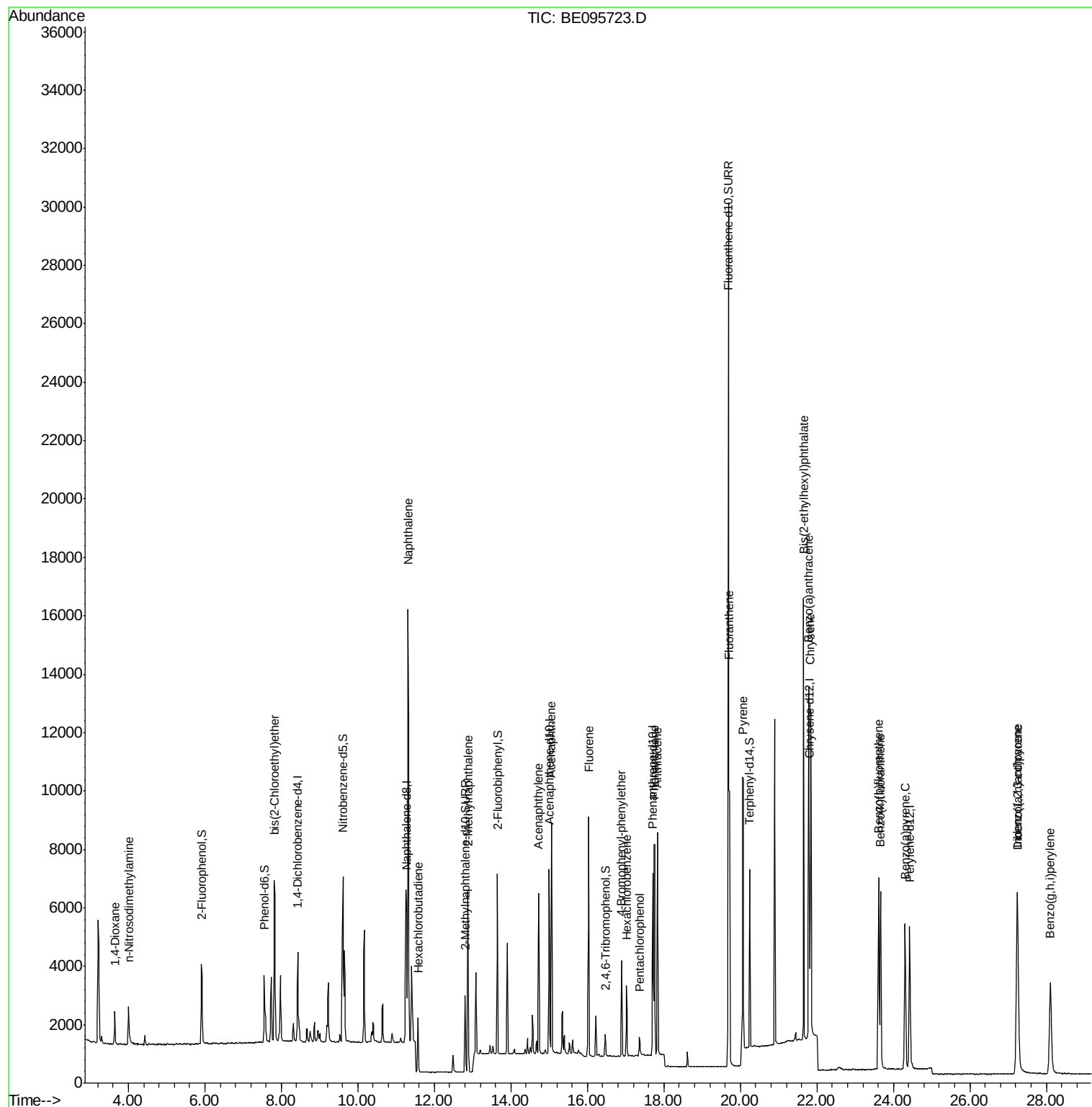
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	773	0.342	ng	# 89
3) n-Nitrosodimethylamine	4.00	42	1037	0.370	ng	# 82
6) bis(2-Chloroethyl)ether	7.83	93	2058	0.382	ng	90
9) Naphthalene	11.31	128	24607	0.364	ng	99
10) Hexachlorobutadiene	11.57	225	1568	0.397	ng	95
12) 2-Methylnaphthalene	12.87	142	4184	0.358	ng	97
16) Acenaphthylene	14.73	152	6684	0.356	ng	100
17) Acenaphthene	15.06	154	4199	0.356	ng	94
18) Fluorene	16.03	166	5241	0.358	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1703	0.348	ng	# 74
21) Hexachlorobenzene	17.02	284	1745	0.345	ng	# 81
22) Pentachlorophenol	17.36	266	410	0.399	ng	# 76
23) Phenanthrene	17.75	178	8695	0.357	ng	99
24) Anthracene	17.84	178	7929	0.355	ng	# 95
26) Fluoranthene	19.72	202	10806	0.361	ng	# 97
28) Pyrene	20.07	202	11680	0.345	ng	95
30) Benzo(a)anthracene	21.78	228	10277	0.381	ng	97
31) Chrysene	21.84	228	9440	0.352	ng	98
32) Bis(2-ethylhexyl)phthalate	21.66	149	18778	0.393	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	9429	0.362	ng	95
35) Benzo(b)fluoranthene	23.61	252	9287	0.345	ng	# 90
36) Benzo(k)fluoranthene	23.66	252	9507	0.355	ng	95
37) Benzo(a)pyrene	24.31	252	8557	0.353	ng	94
38) Dibenzo(a,h)anthracene	27.25	278	7750	0.359	ng	97
39) Benzo(g,h,i)perylene	28.10	276	8084	0.350	ng	# 91

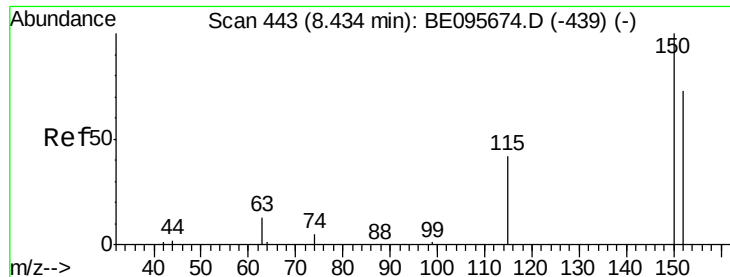
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

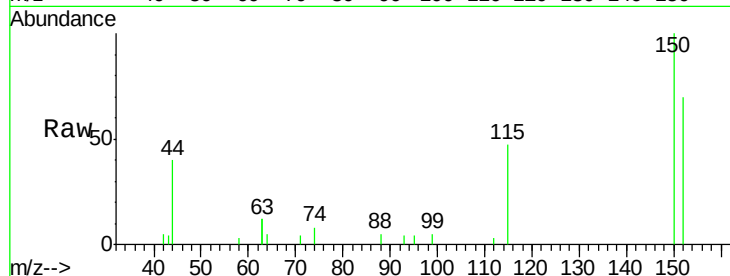
Tot Ion:152 Resp: 1436

Ion Ratio Lower Upper

152 100

150 141.9 117.2 175.8

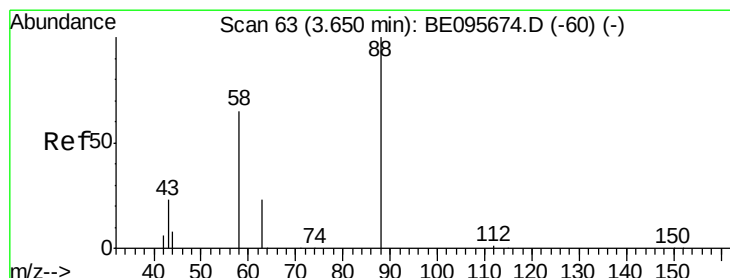
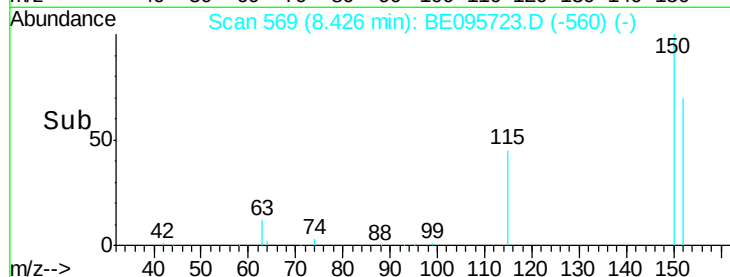
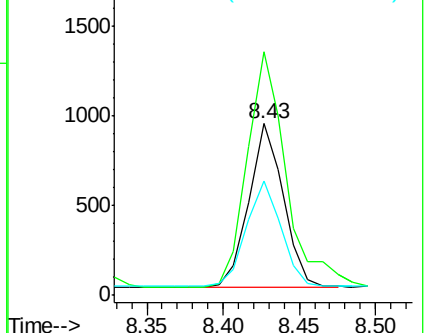
115 66.3 57.0 85.6



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: 0.342 ng

RT: 3.64 min Scan# 80

Delta R.T. -0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

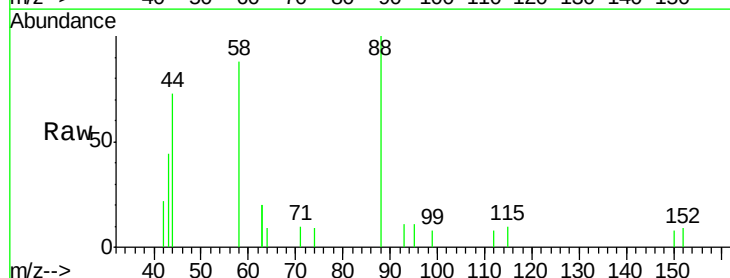
Tgt Ion: 88 Resp: 773

Ion Ratio Lower Upper

88 100

58 83.1 63.2 94.8

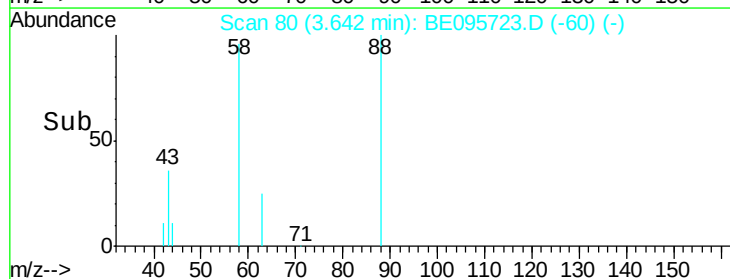
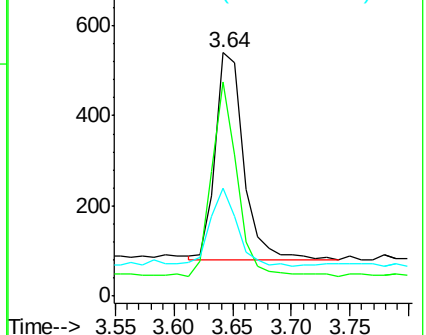
43 37.1 41.2 61.8#

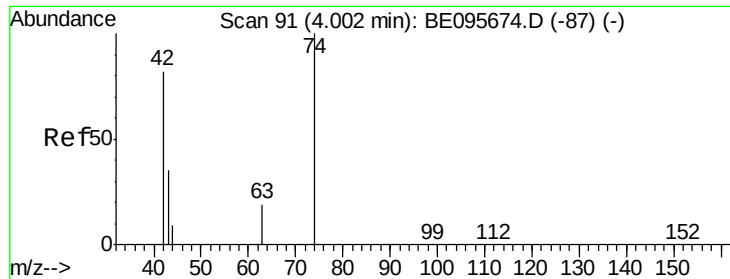


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



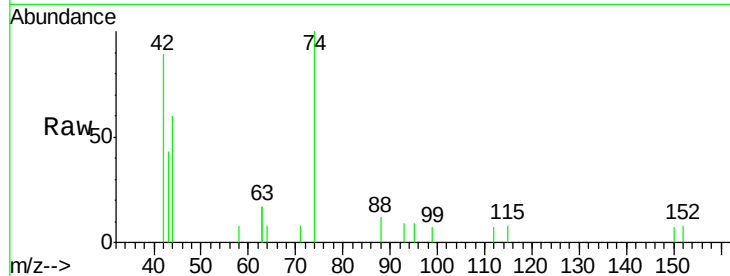


#3

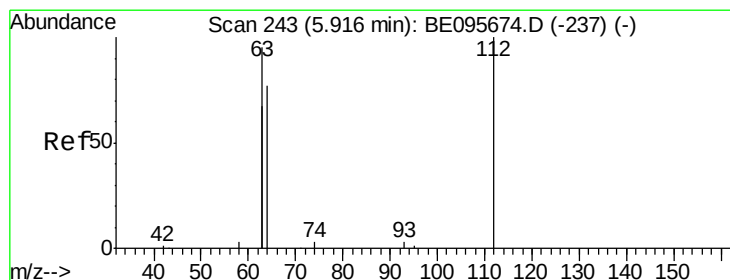
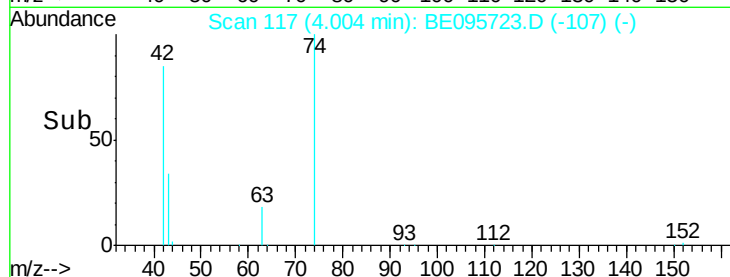
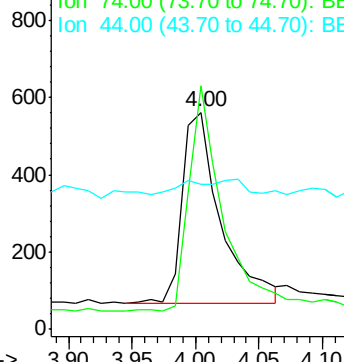
n-Nitrosodimethylamine
 Concen: 0.370 ng
 RT: 4.00 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BE095723.D
 Acq: 12 Mar 2018 9:39

Instrument :
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 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 1037
 Ion Ratio Lower Upper
 42 100
 74 102.7 96.0 144.0
 44 0.0 12.0 18.0#



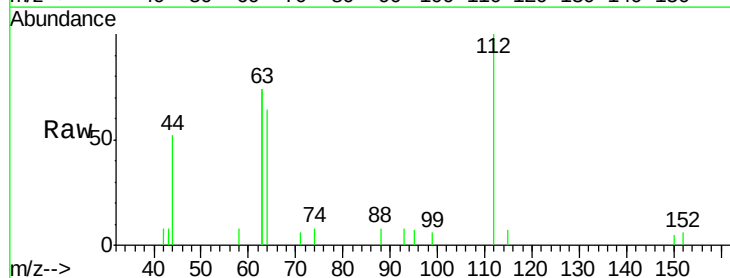
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



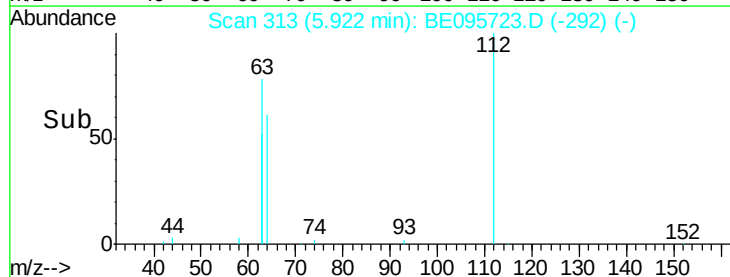
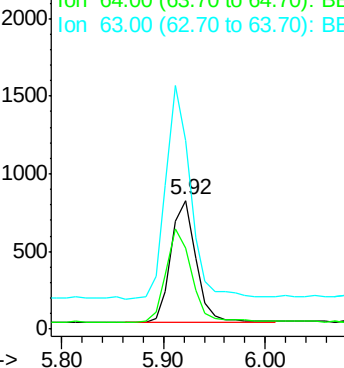
#4

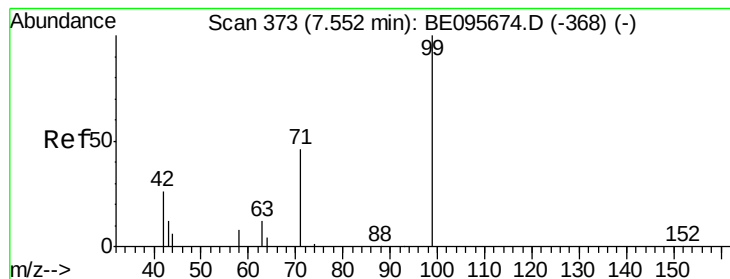
2-Fluorophenol
 Concen: 0.356 ng
 RT: 5.92 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: BE095723.D
 Acq: 12 Mar 2018 9:39

Tgt Ion: 112 Resp: 1350
 Ion Ratio Lower Upper
 112 100
 64 78.6 60.1 90.1
 63 173.2 116.8 175.2



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: 0.385 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

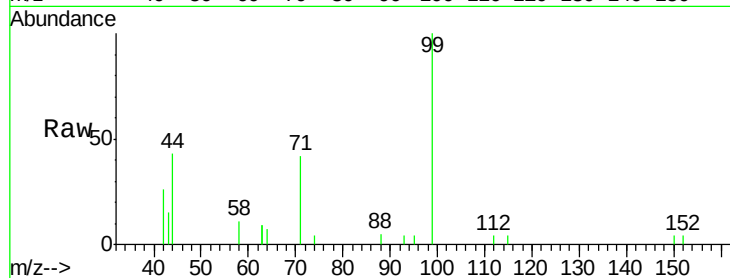
Tot Ion: 99 Resp: 2020

Ion Ratio Lower Upper

99 100

42 26.1 20.2 30.2

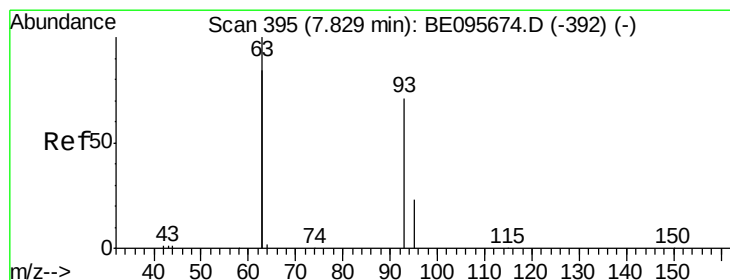
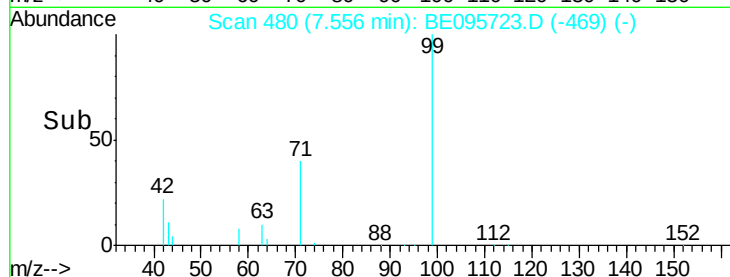
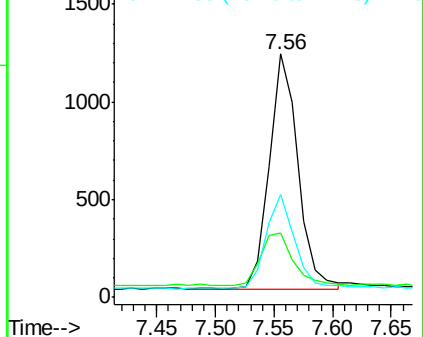
71 40.0 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.382 ng

RT: 7.83 min Scan# 508

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

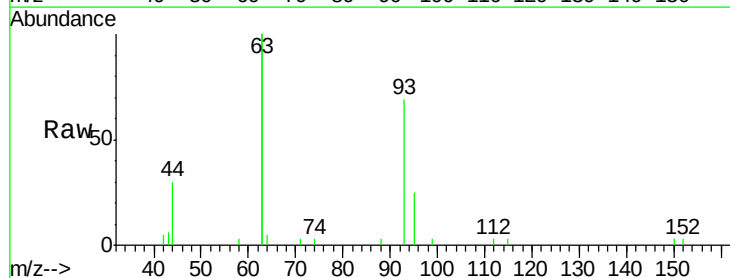
Tgt Ion: 93 Resp: 2058

Ion Ratio Lower Upper

93 100

63 321.6 275.3 412.9

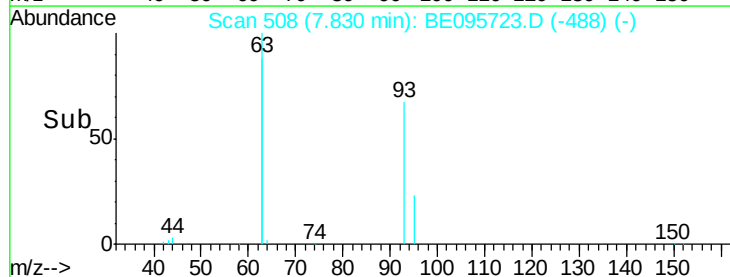
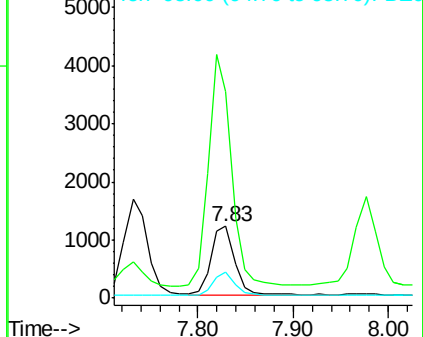
95 31.0 25.2 37.8

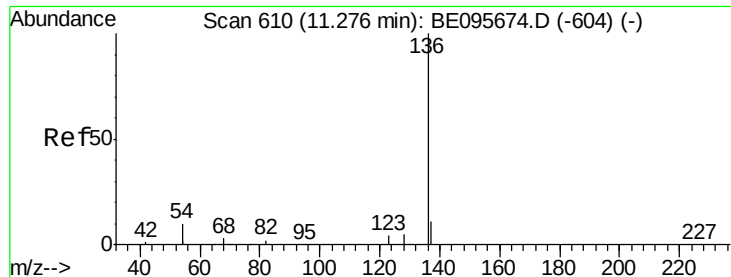


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 5869

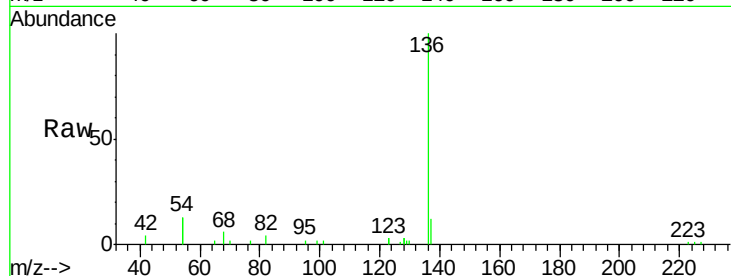
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 26.9 29.1 43.7#

68 5.8 6.2 9.2#

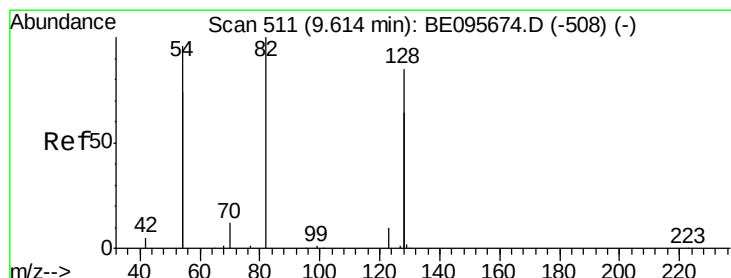
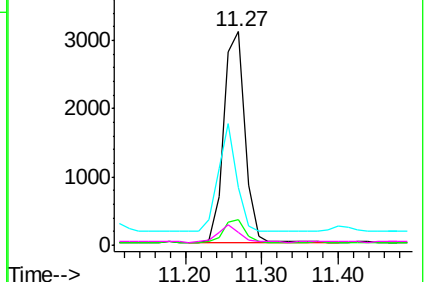
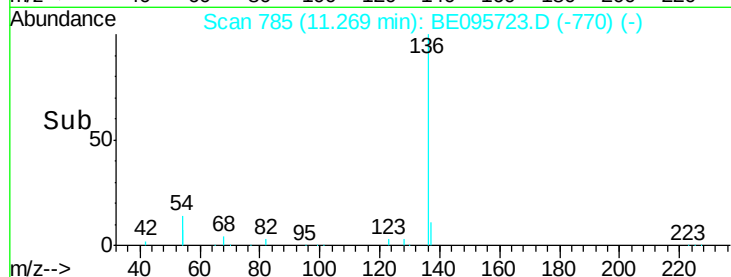


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

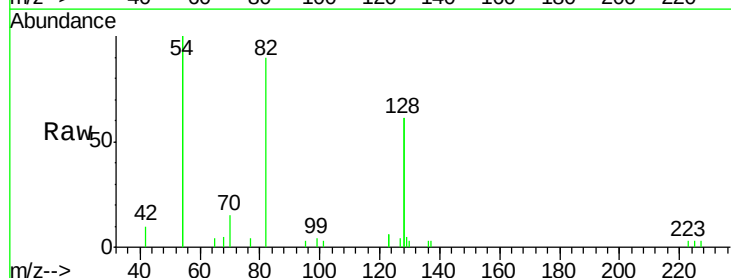
Tgt Ion: 82 Resp: 2171

Ion Ratio Lower Upper

82 100

128 137.3 150.0 225.0#

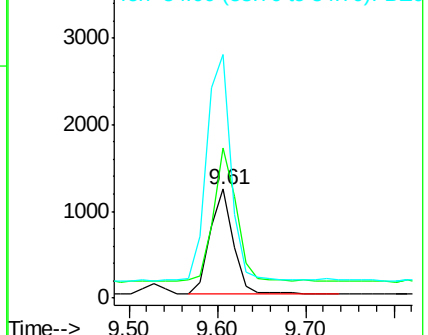
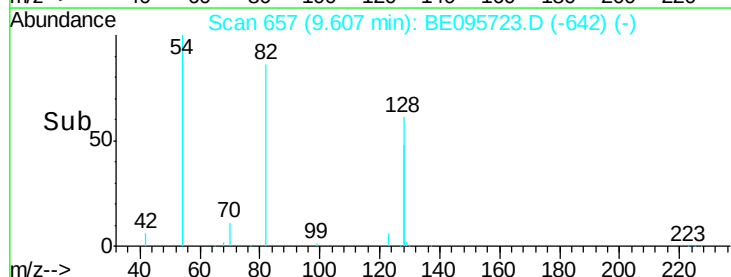
54 223.4 154.2 231.4

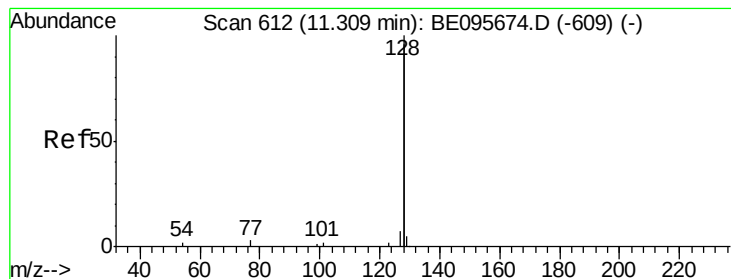


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.364 ng

RT: 11.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

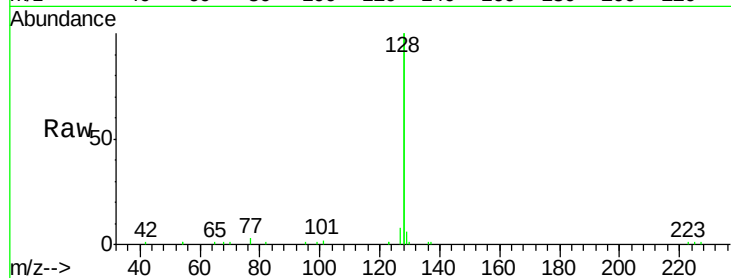
Tot Ion:128 Resp: 24607

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

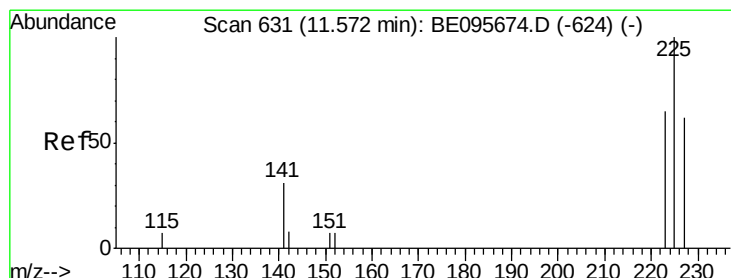
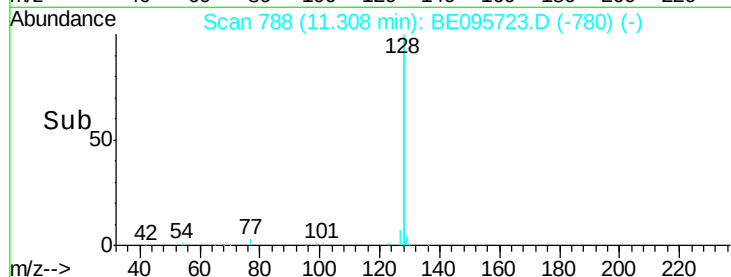
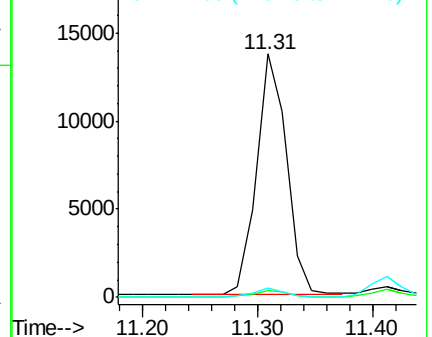
127 3.8 2.8 4.2



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: 0.397 ng

RT: 11.57 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

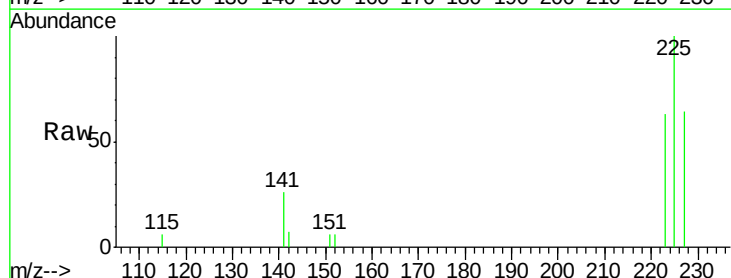
Tgt Ion:225 Resp: 1568

Ion Ratio Lower Upper

225 100

223 61.0 53.0 79.6

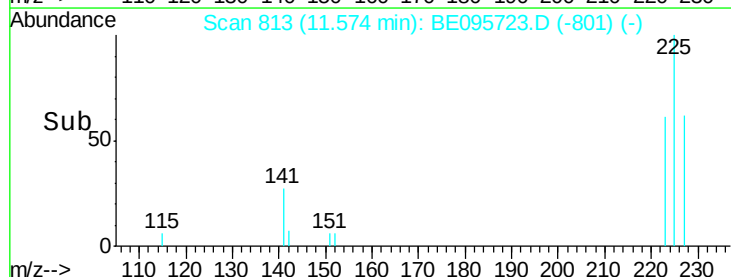
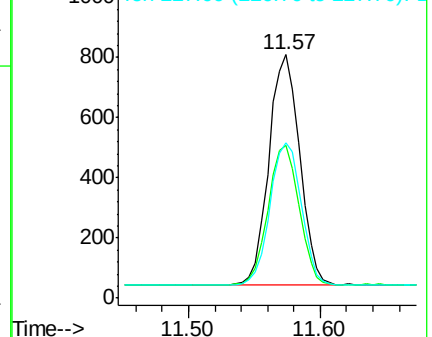
227 61.0 51.4 77.2

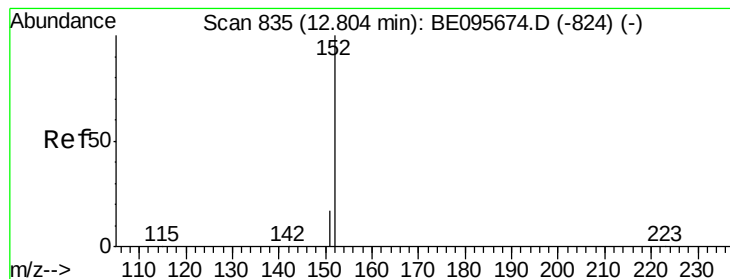


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

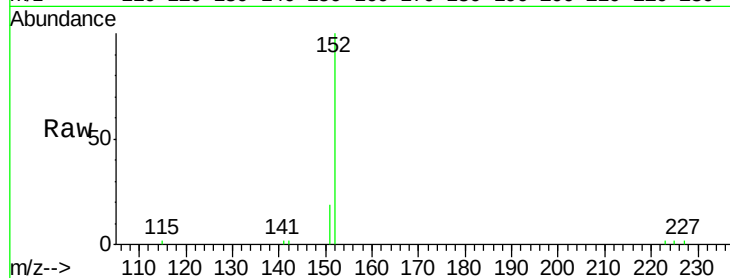
SSTDCCC0.4

Tot Ion:152 Resp: 3520

Ion Ratio Lower Upper

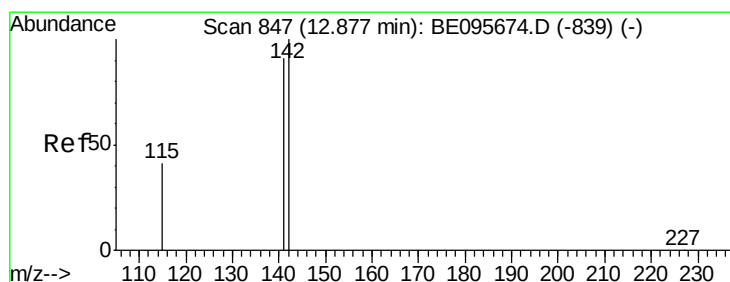
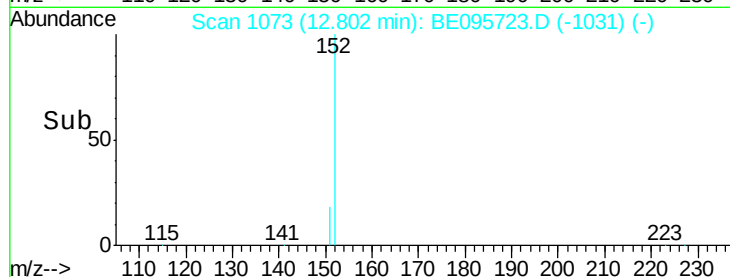
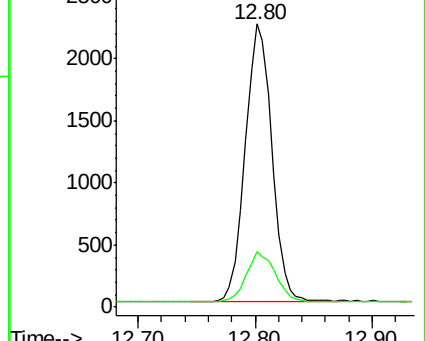
152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.358 ng

RT: 12.87 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

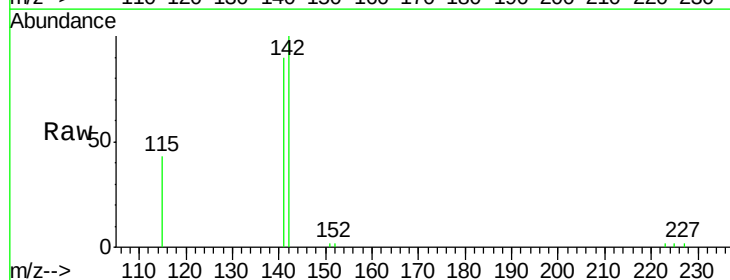
Tgt Ion:142 Resp: 4184

Ion Ratio Lower Upper

142 100

141 90.3 70.4 105.6

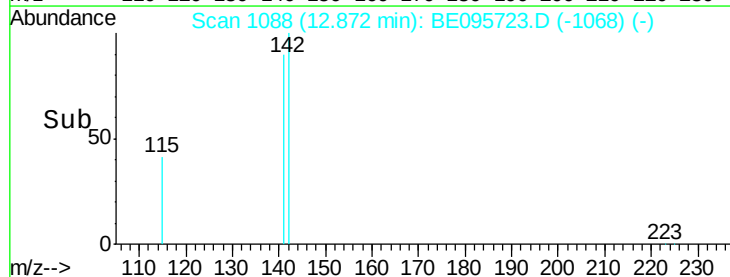
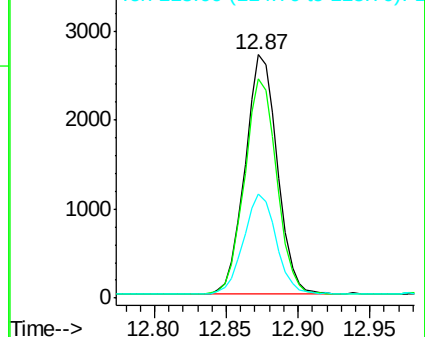
115 42.7 31.7 47.5

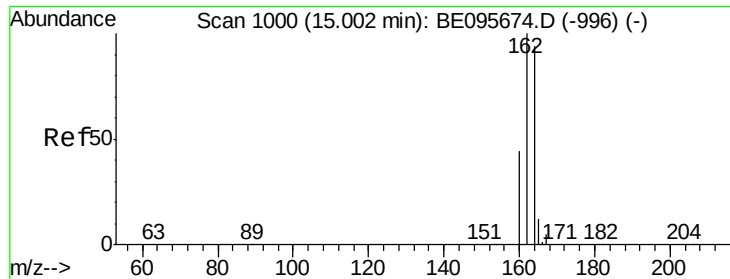


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

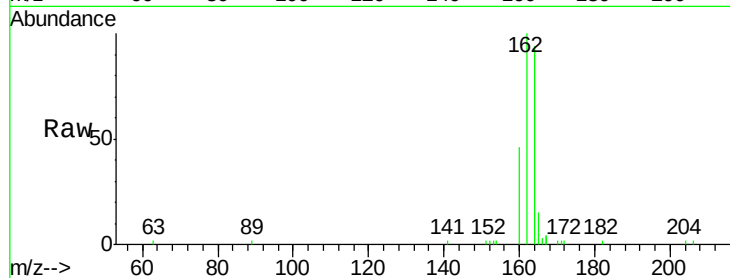
Tot Ion:164 Resp: 3344

Ion Ratio Lower Upper

164 100

162 105.8 83.1 124.7

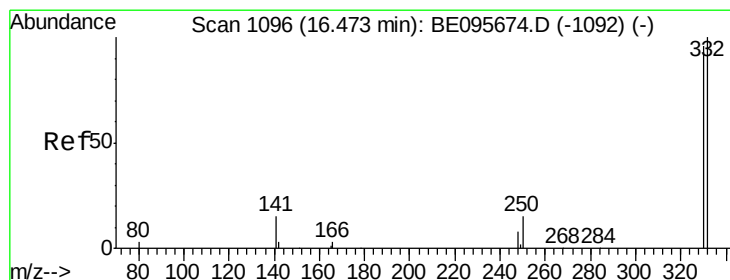
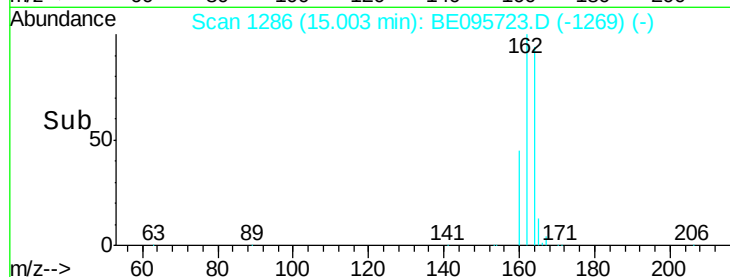
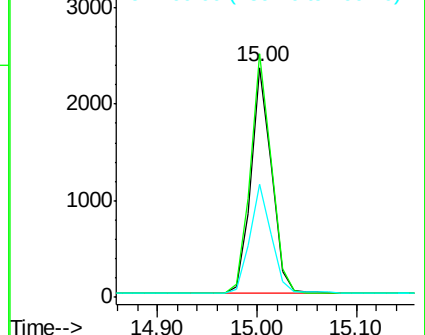
160 48.9 37.1 55.7



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: 0.392 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

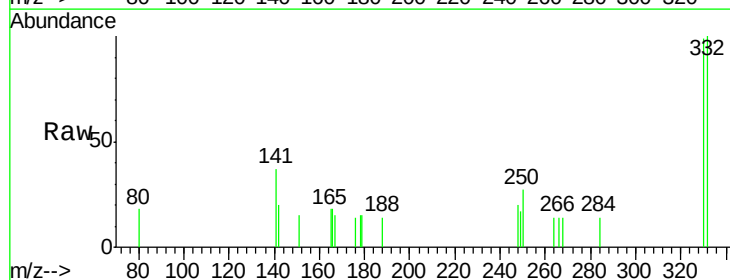
Tgt Ion:330 Resp: 443

Ion Ratio Lower Upper

330 100

332 96.4 152.7 229.1#

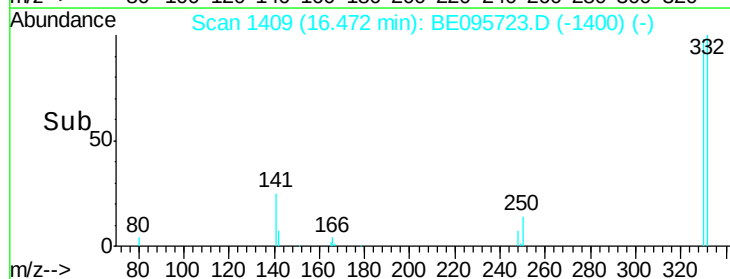
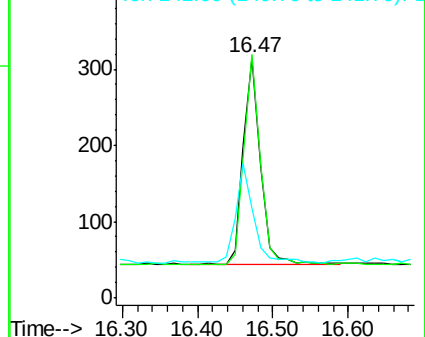
141 49.7 33.7 50.5

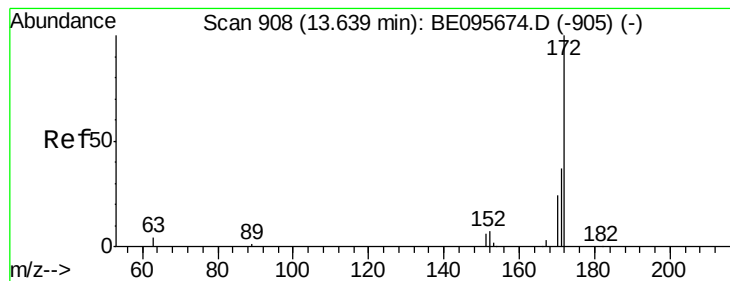


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.352 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

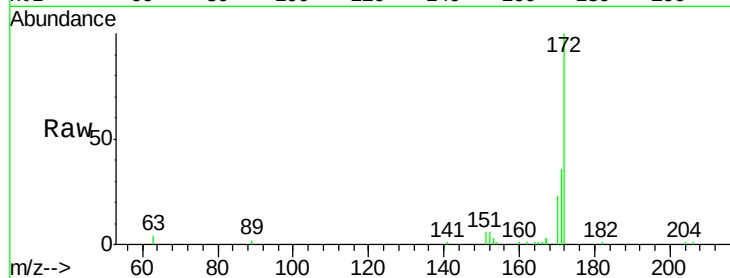
Tot Ion:172 Resp: 5257

Ion Ratio Lower Upper

172 100

171 35.7 29.9 44.9

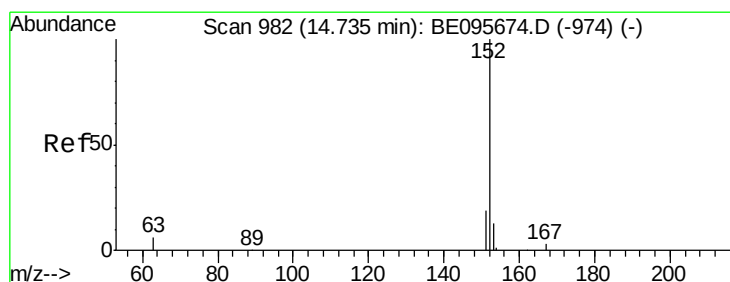
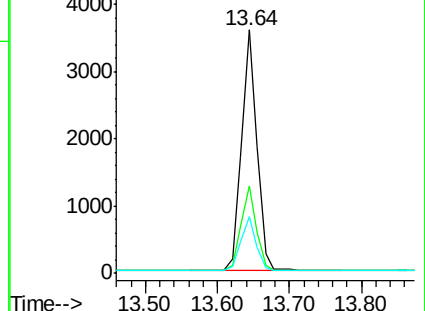
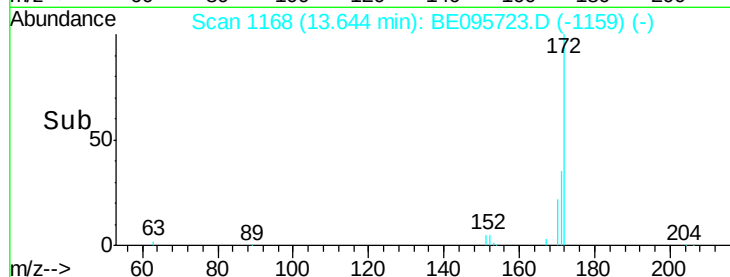
170 23.3 21.8 32.8



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: 0.356 ng

RT: 14.73 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

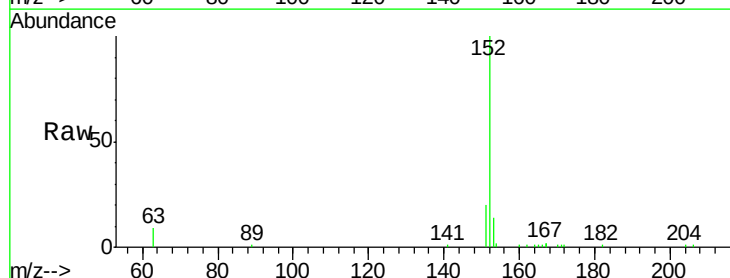
Tgt Ion:152 Resp: 6684

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

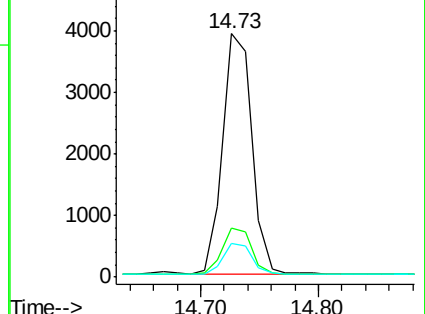
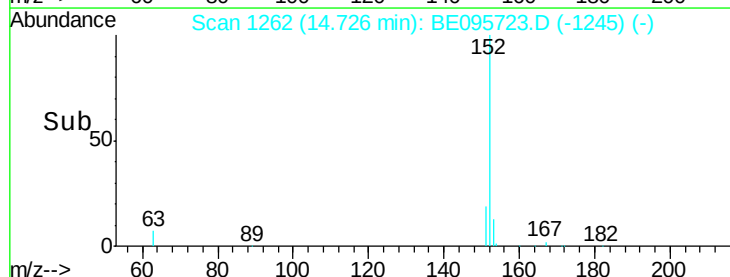
153 12.9 10.5 15.7

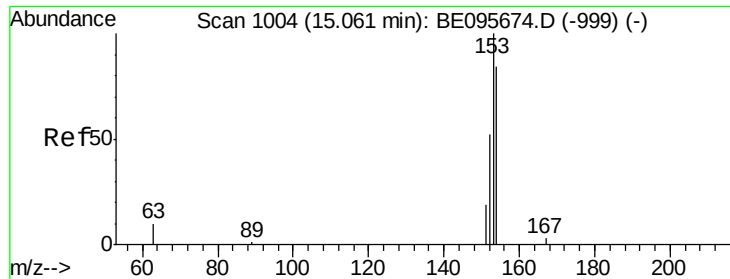


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.356 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

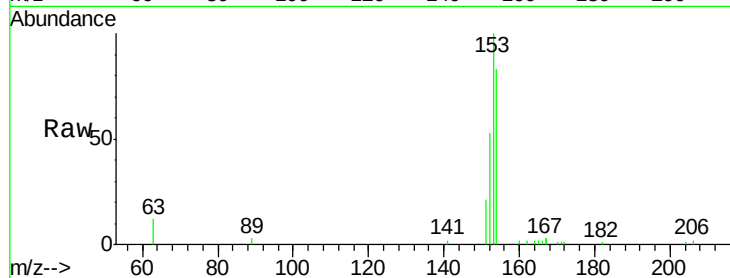
Tot Ion:154 Resp: 4199

Ion Ratio Lower Upper

154 100

153 116.3 89.2 133.8

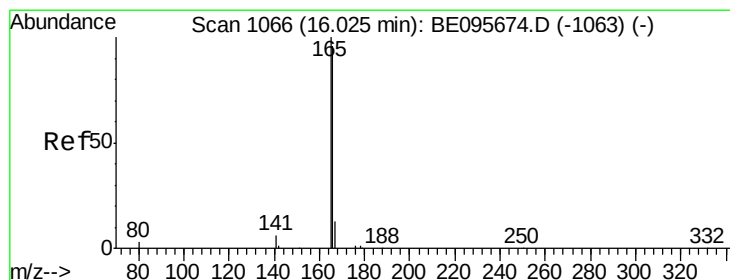
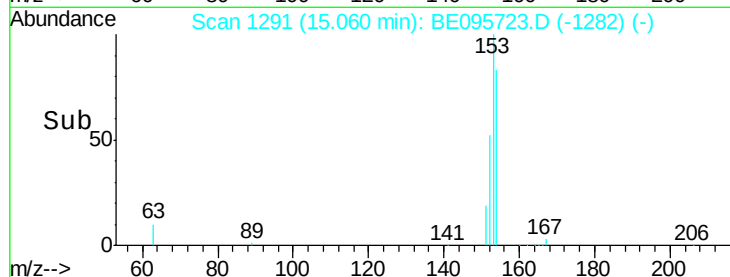
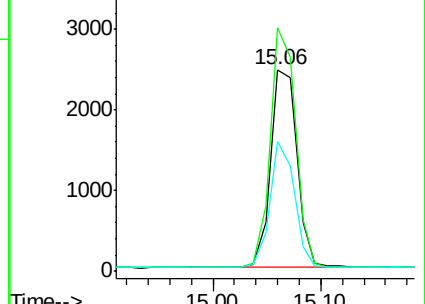
152 58.9 42.0 63.0



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: 0.358 ng

RT: 16.03 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

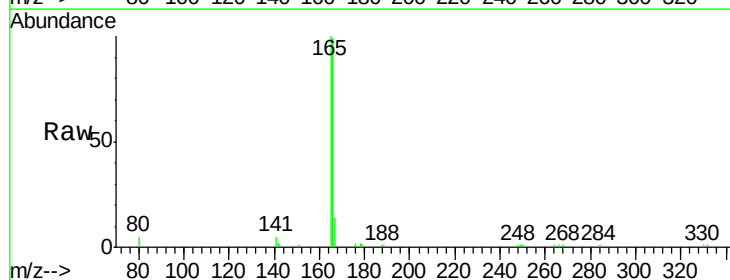
Tgt Ion:166 Resp: 5241

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.6

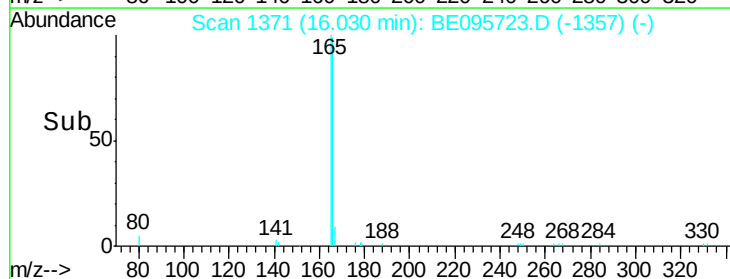
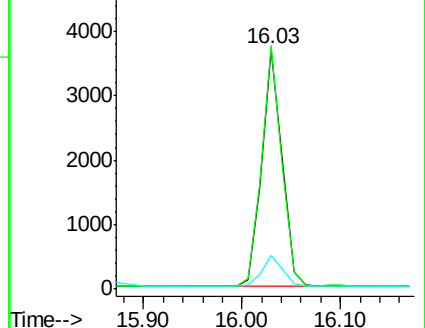
167 13.5 42.4 63.6#

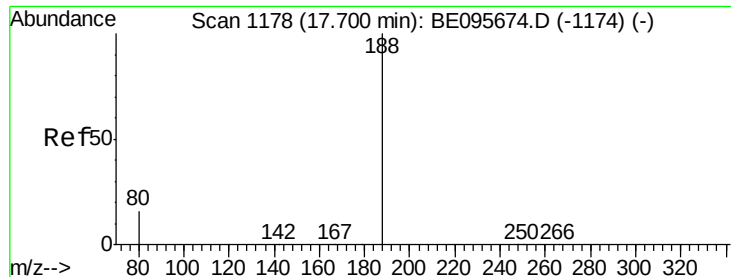


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

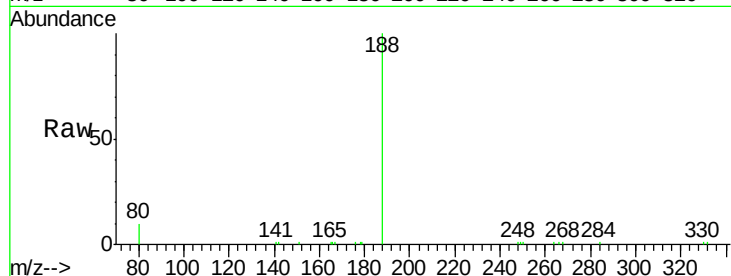
Tot Ion:188 Resp: 7788

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

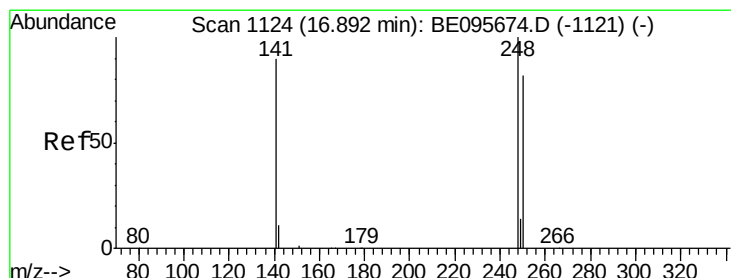
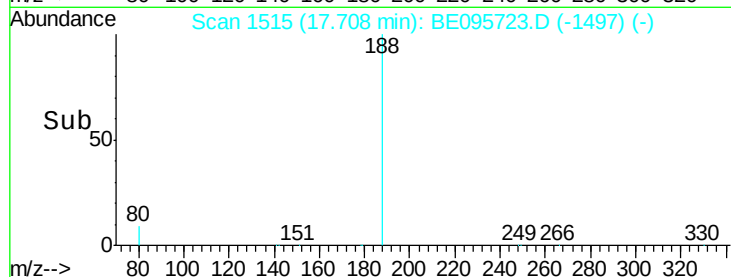
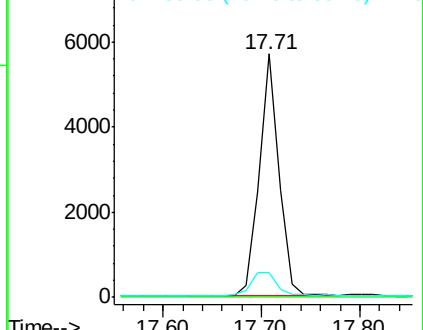
80 10.2 3.6 5.4#



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: 0.348 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

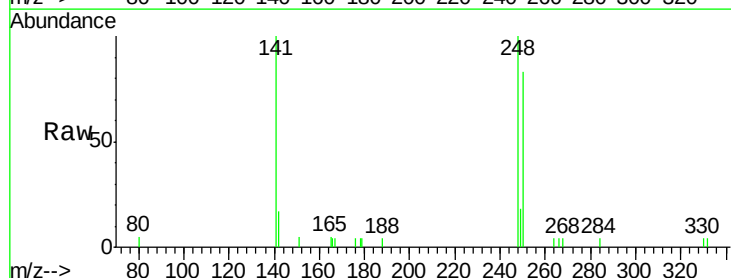
Tgt Ion:248 Resp: 1703

Ion Ratio Lower Upper

248 100

250 82.8 62.7 94.1

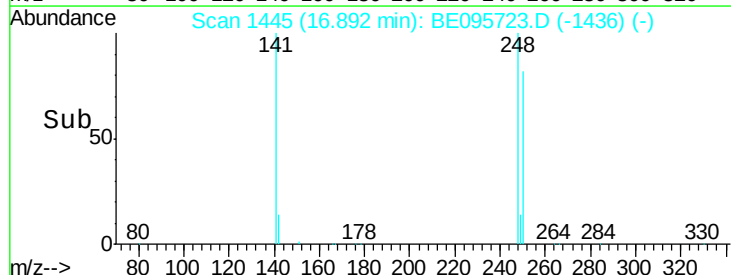
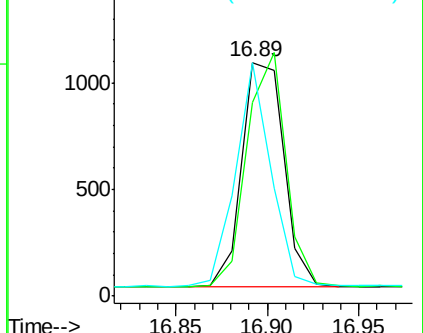
141 100.0 48.2 72.2#

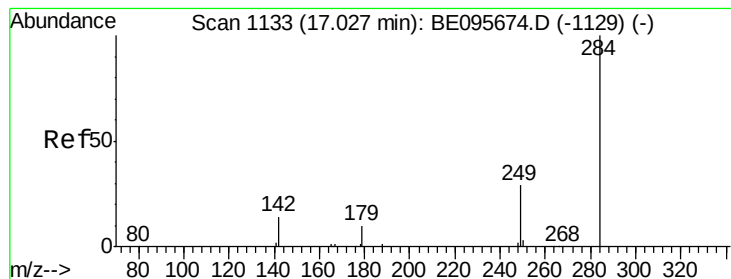


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.345 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

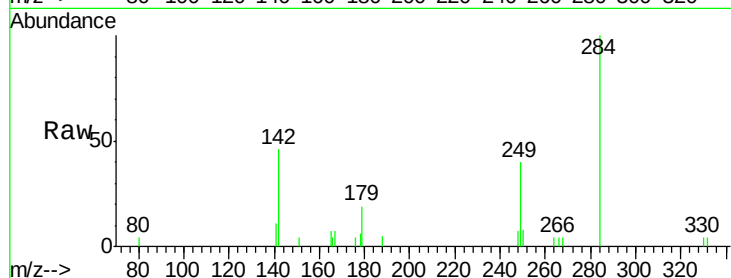
Tot Ion:284 Resp: 1745

Ion Ratio Lower Upper

284 100

142 41.3 22.1 33.1#

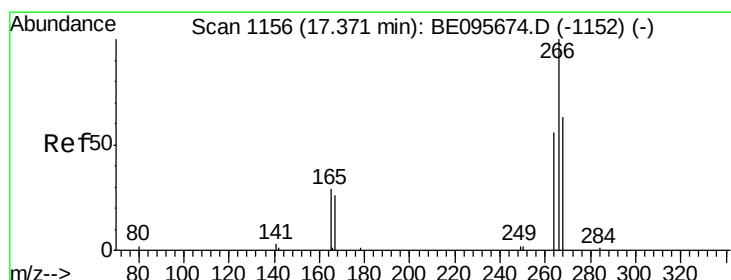
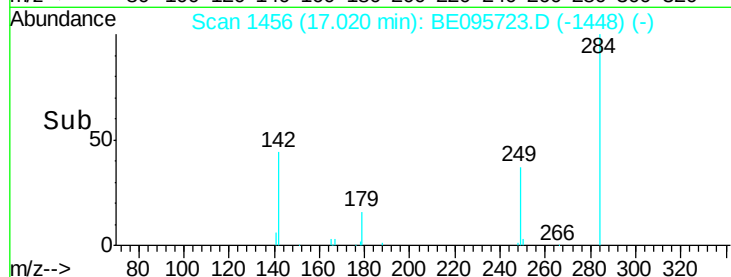
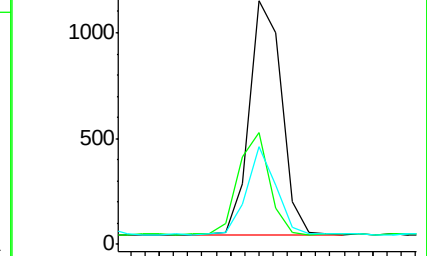
249 33.9 34.8 52.2#



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: 0.399 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

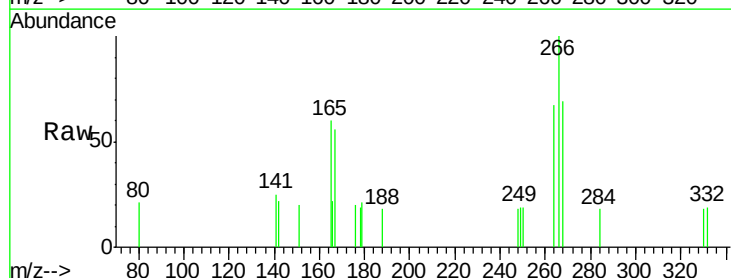
Tgt Ion:266 Resp: 410

Ion Ratio Lower Upper

266 100

264 67.3 72.5 108.7#

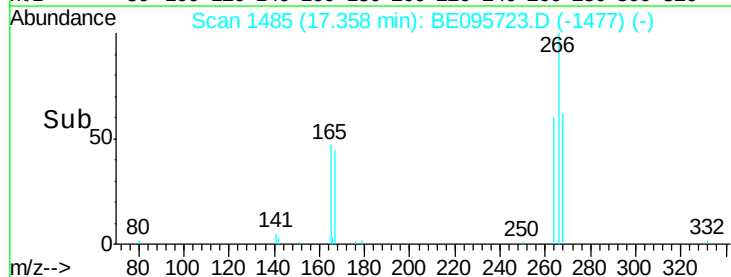
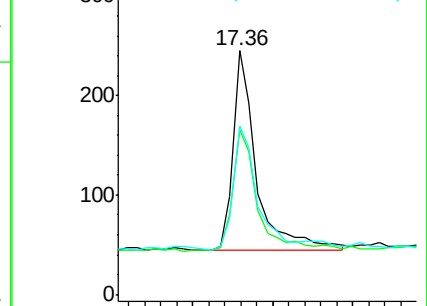
268 69.0 73.8 110.6#

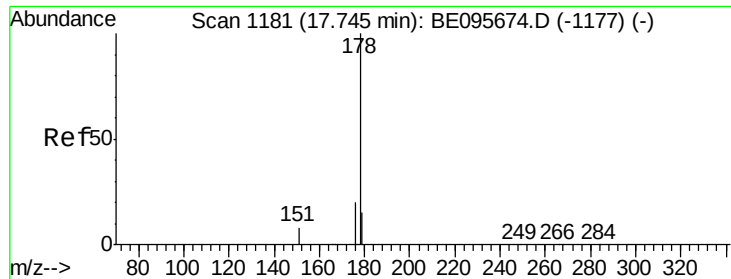


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.357 ng

RT: 17.75 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

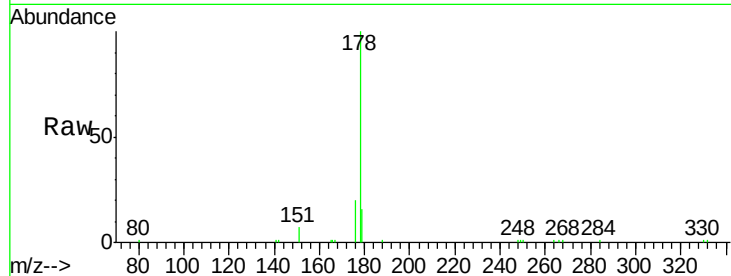
Tot Ion:178 Resp: 8695

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

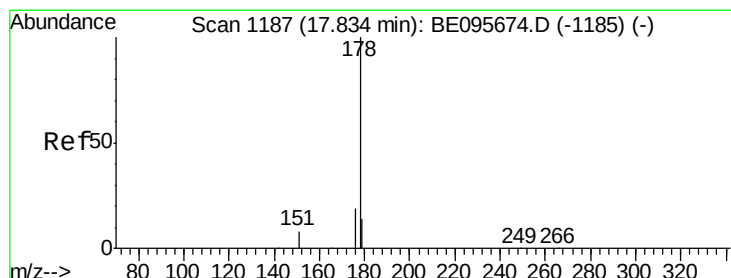
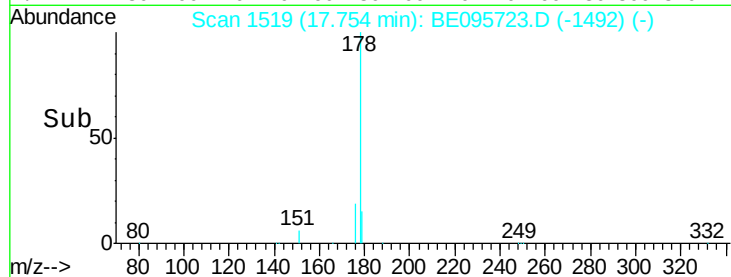
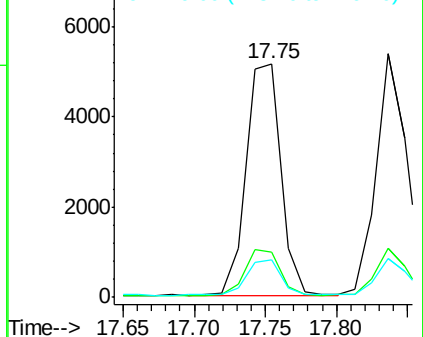
179 14.9 11.8 17.6



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: 0.355 ng

RT: 17.84 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

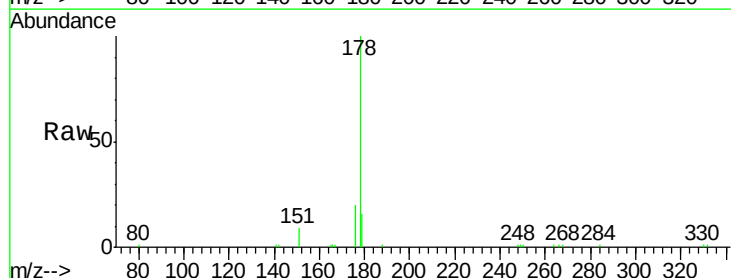
Tgt Ion:178 Resp: 7929

Ion Ratio Lower Upper

178 100

176 19.4 12.8 19.2#

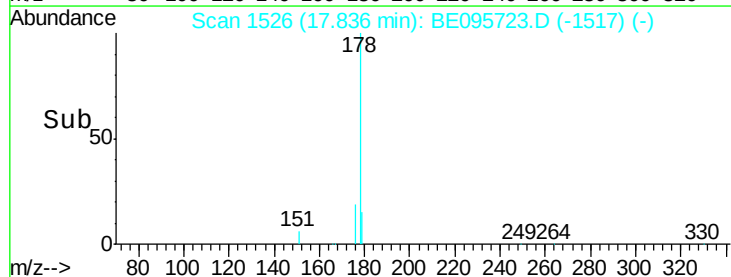
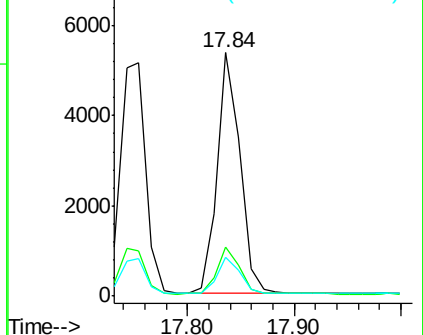
179 15.3 13.0 19.6

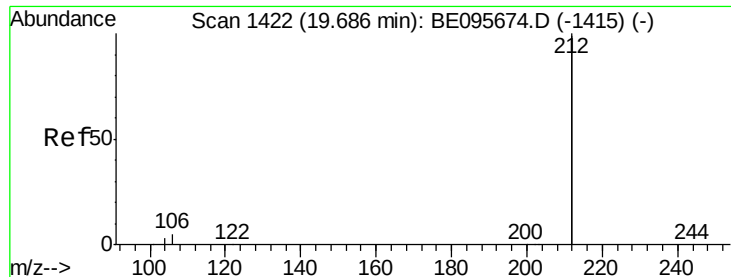


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

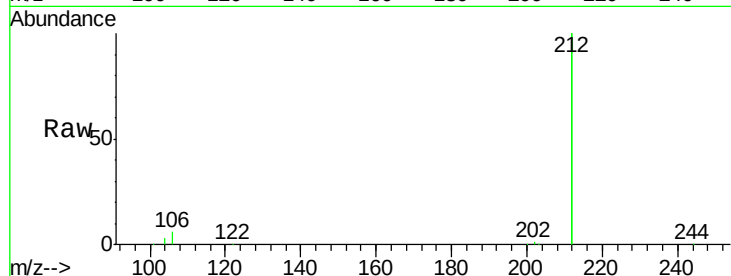
Tot Ion:212 Resp: 36827

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

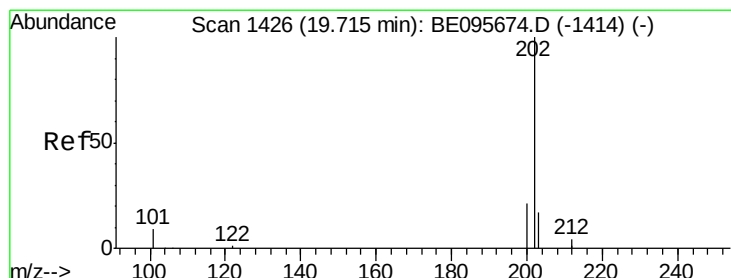
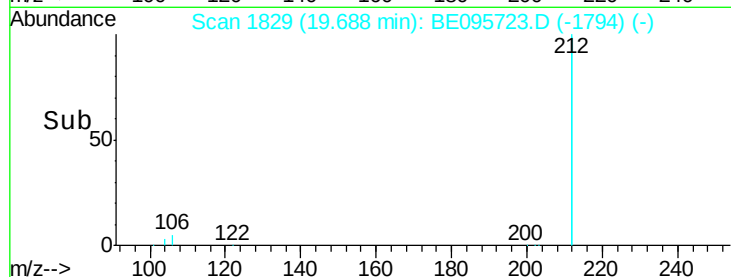
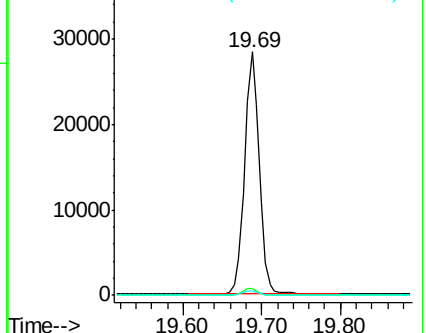
104 1.6 1.6 2.4



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: 0.361 ng

RT: 19.72 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

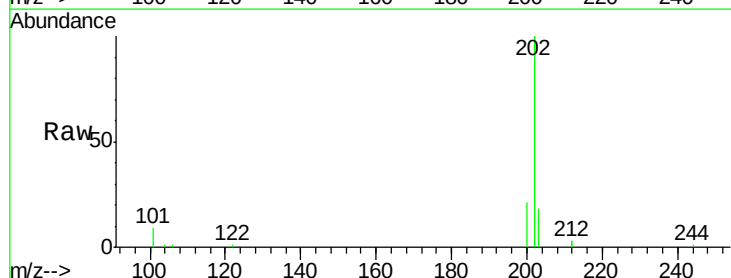
Tgt Ion:202 Resp: 10806

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

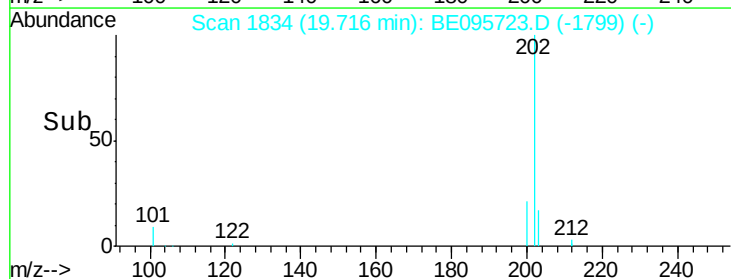
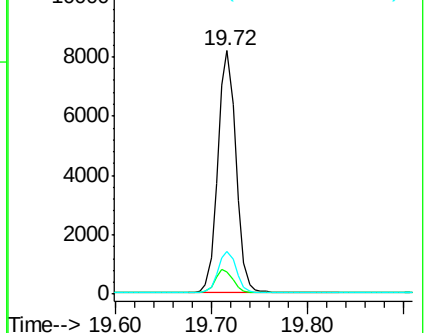
203 17.2 13.7 20.5

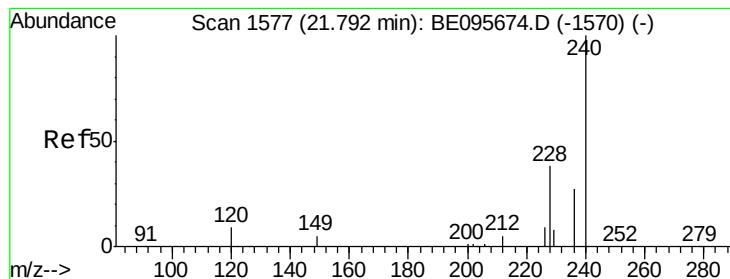


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

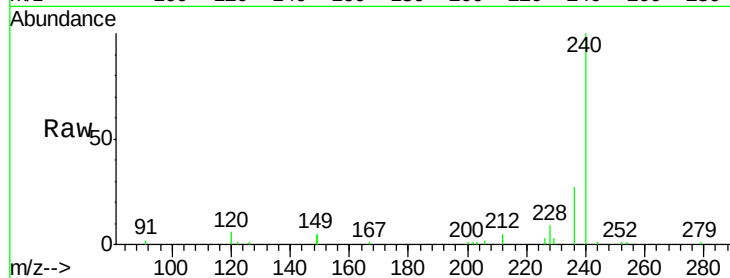
Tot Ion:240 Resp: 8277

Ion Ratio Lower Upper

240 100

120 5.6 5.5 8.3

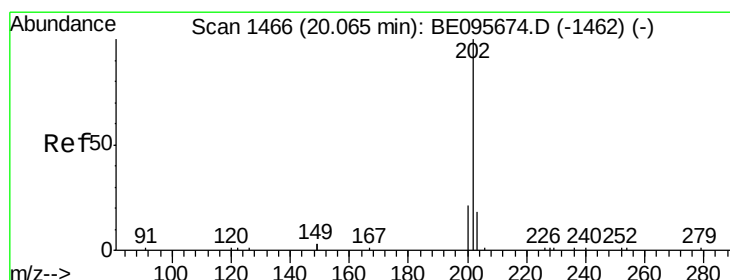
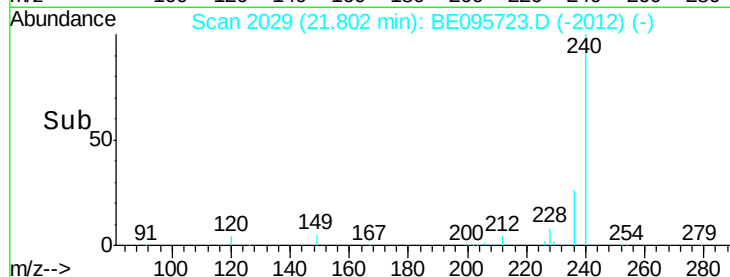
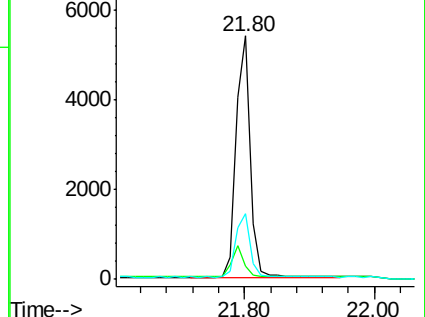
236 27.0 20.7 31.1



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: 0.345 ng

RT: 20.07 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

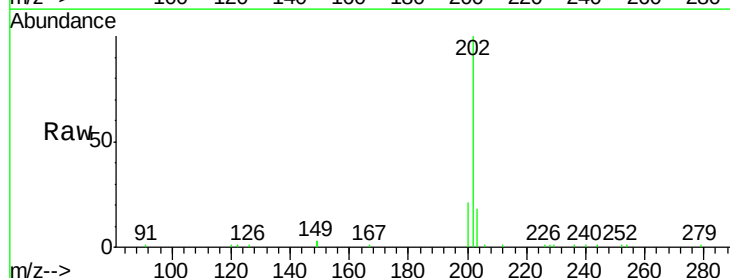
Tgt Ion:202 Resp: 11680

Ion Ratio Lower Upper

202 100

200 24.2 16.6 25.0

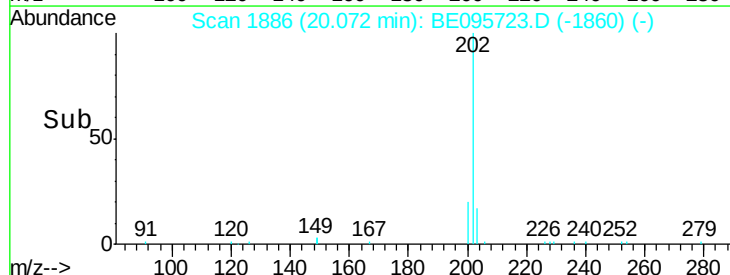
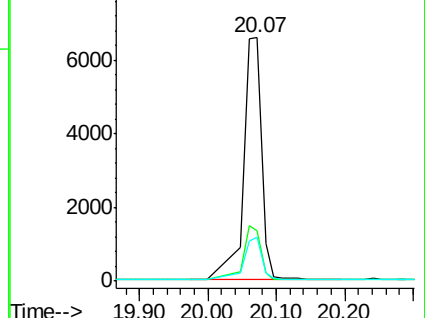
203 18.0 13.8 20.8

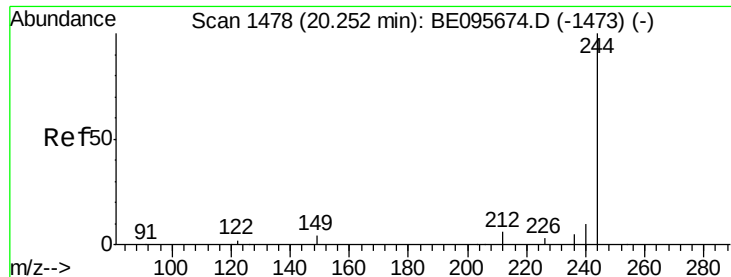


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.363 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

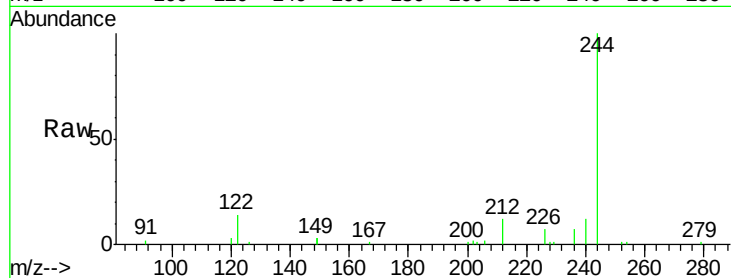
Tot Ion:244 Resp: 5988

Ion Ratio Lower Upper

244 100

212 12.3 25.4 38.0#

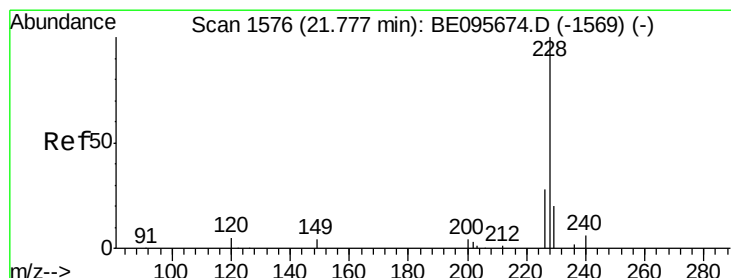
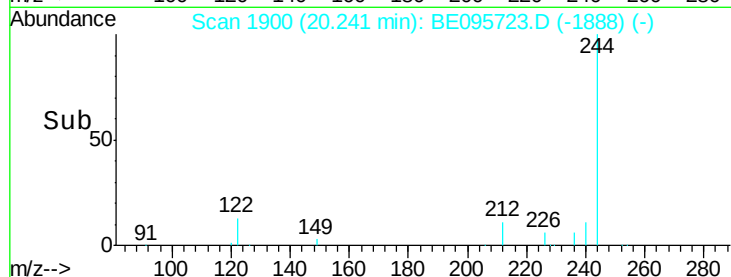
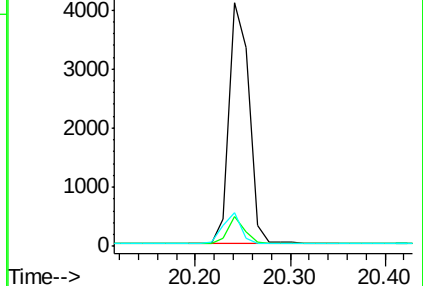
122 14.0 8.1 12.1#



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: 0.381 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

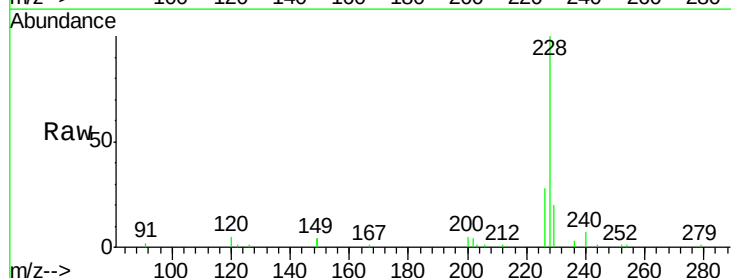
Tgt Ion:228 Resp: 10277

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

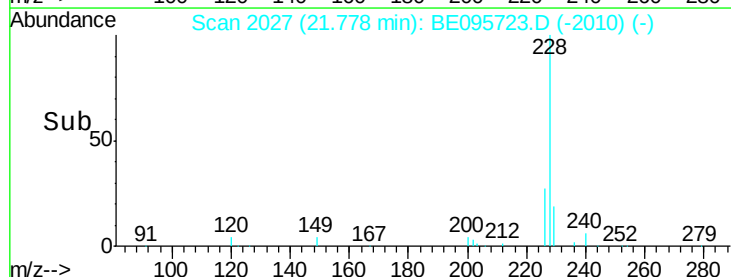
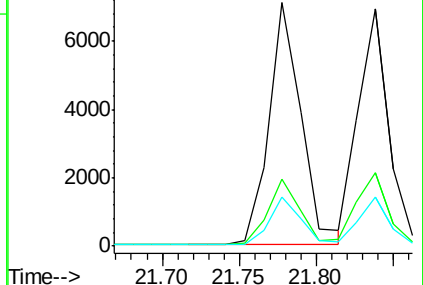
229 19.9 16.0 24.0

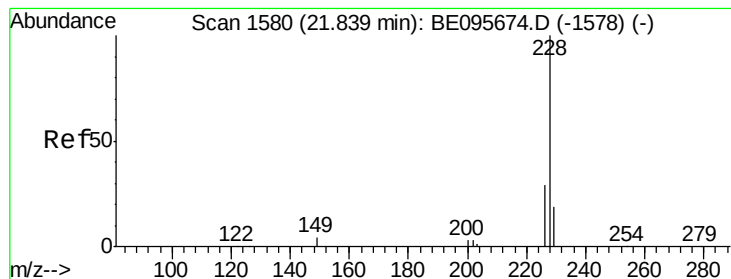


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.352 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

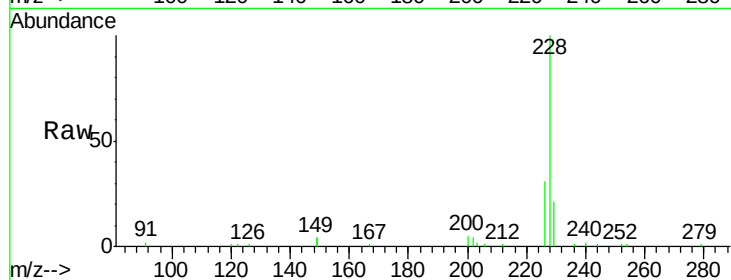
Tot Ion:228 Resp: 9440

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

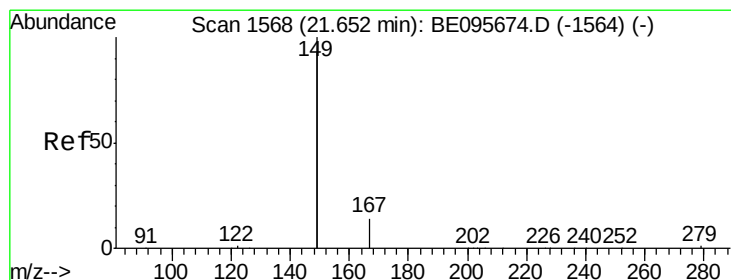
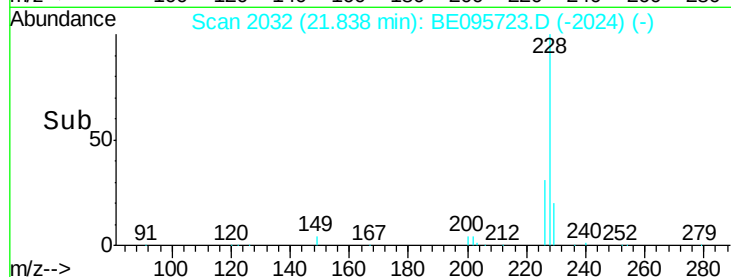
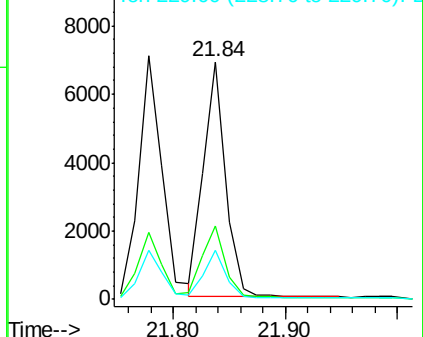
229 20.7 16.0 24.0



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: 0.393 ng

RT: 21.66 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

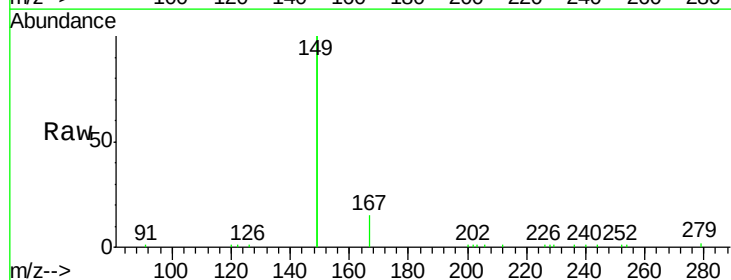
Tgt Ion:149 Resp: 18778

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

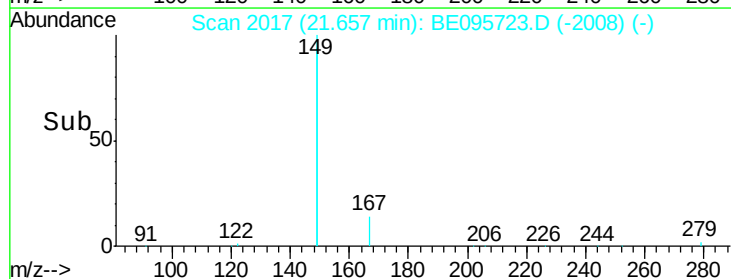
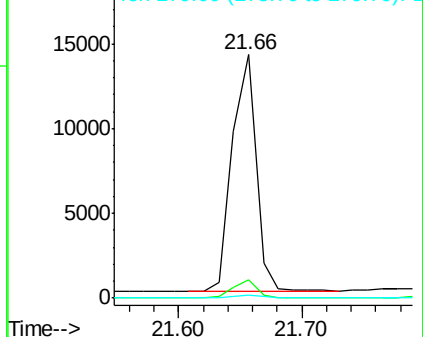
279 0.9 0.7 1.1

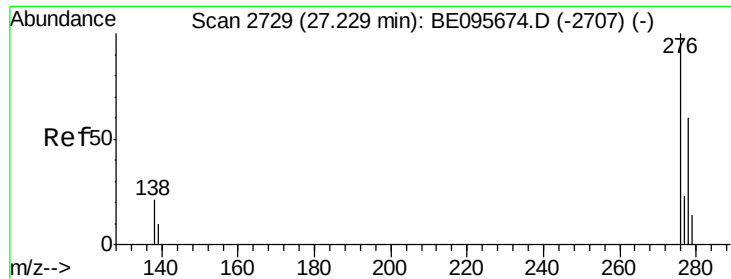


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

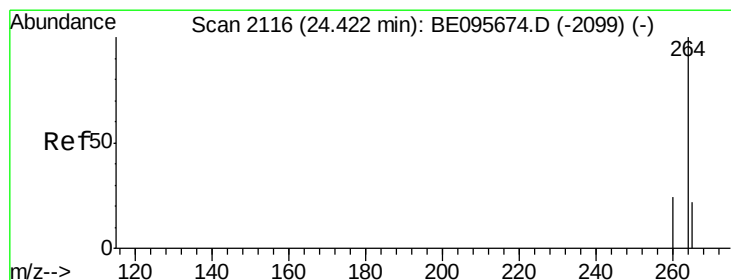
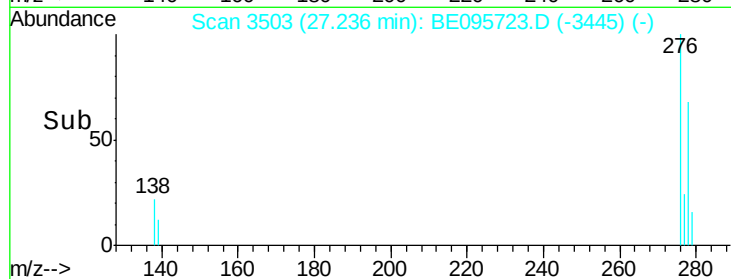
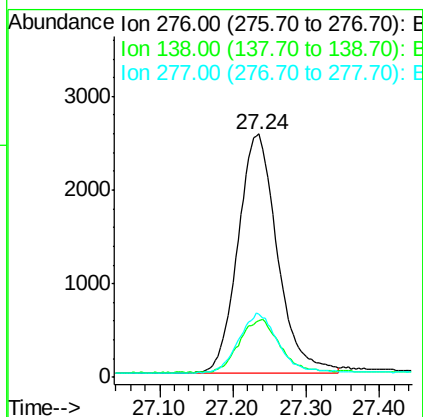
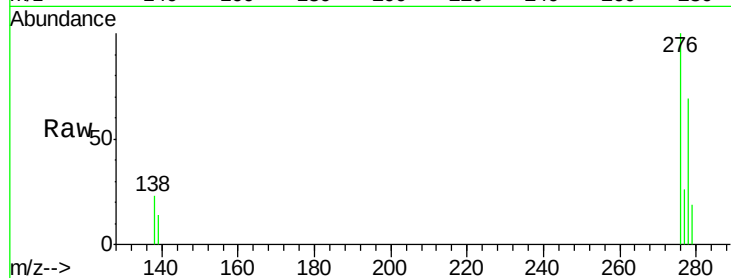




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 27.24 min Scan# 3503
Delta R.T. 0.01 min
Lab File: BE095723.D
Acq: 12 Mar 2018 9:39

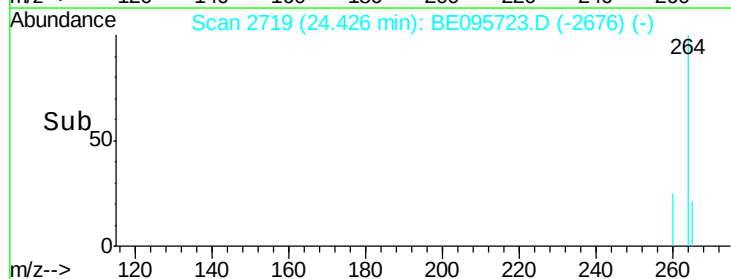
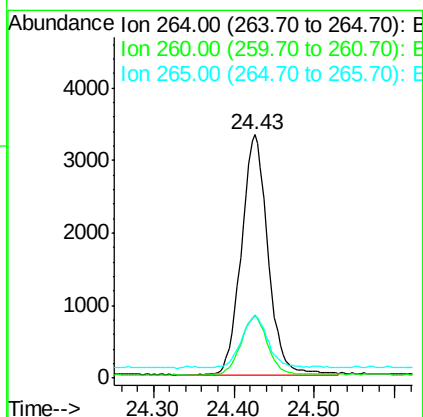
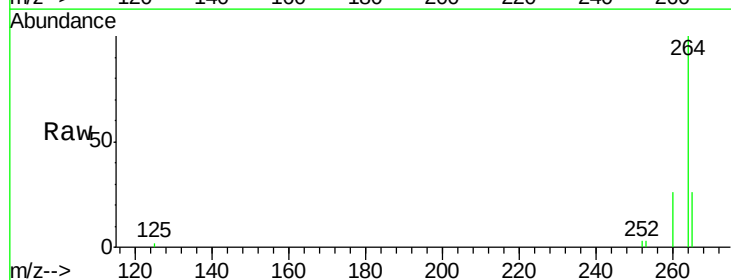
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

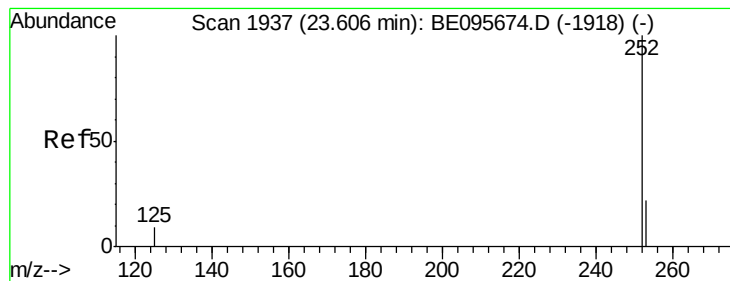
Tot Ion:276 Resp: 9429
Ion Ratio Lower Upper
276 100
138 23.1 22.5 33.7
277 24.6 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095723.D
Acq: 12 Mar 2018 9:39

Tgt Ion:264 Resp: 7552
Ion Ratio Lower Upper
264 100
260 25.7 20.5 30.7
265 25.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.345 ng

RT: 23.61 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

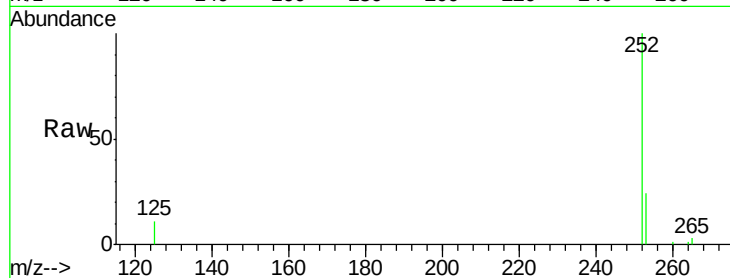
Tot Ion:252 Resp: 9287

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

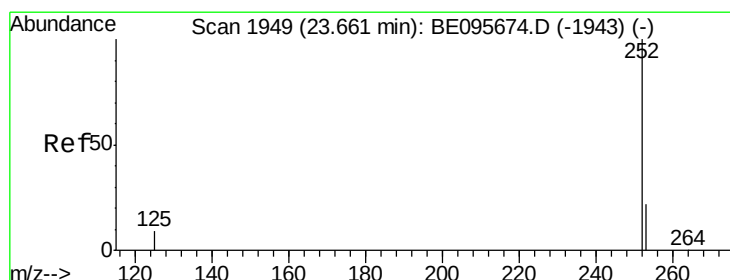
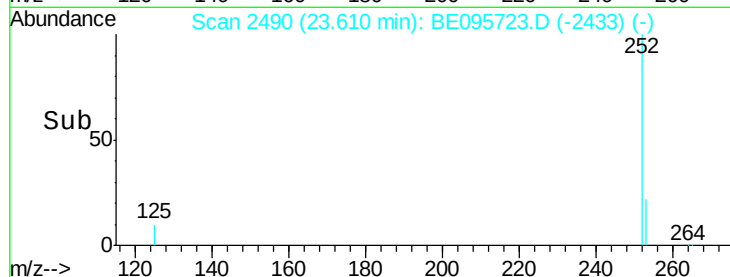
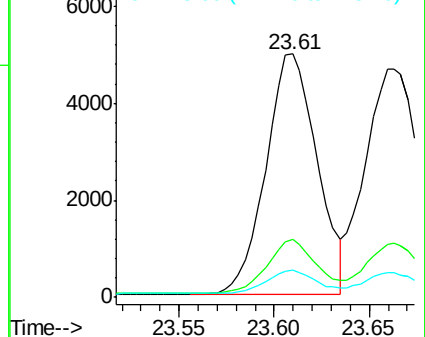
125 11.1 16.0 24.0#



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: 0.355 ng

RT: 23.66 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

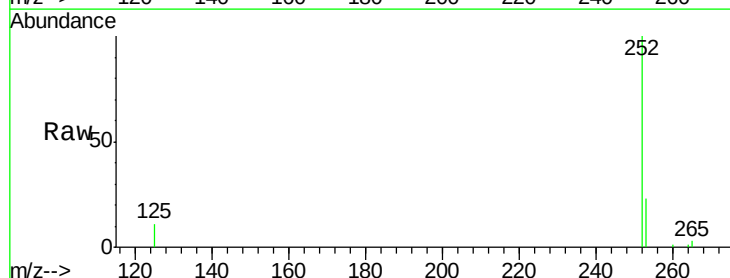
Tgt Ion:252 Resp: 9507

Ion Ratio Lower Upper

252 100

253 23.1 16.0 24.0

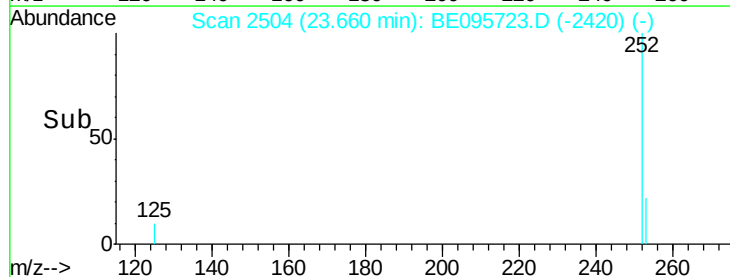
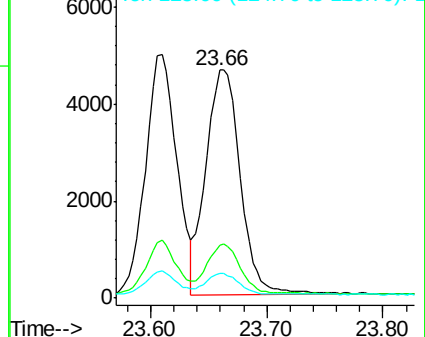
125 10.9 8.0 12.0

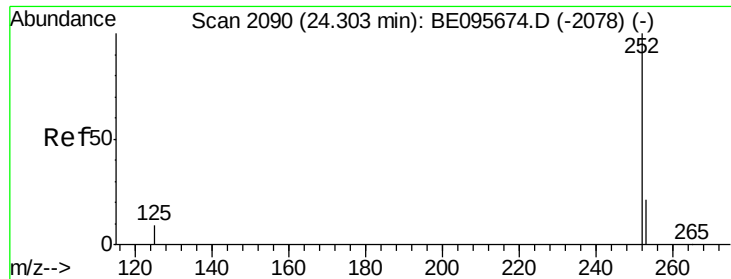


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.353 ng

RT: 24.31 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

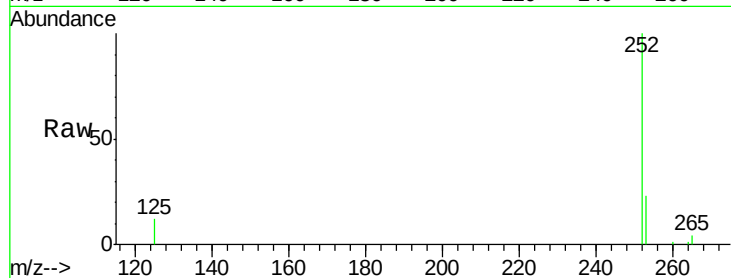
Tot Ion:252 Resp: 8557

Ion Ratio Lower Upper

252 100

253 22.8 16.0 24.0

125 12.2 12.0 18.0

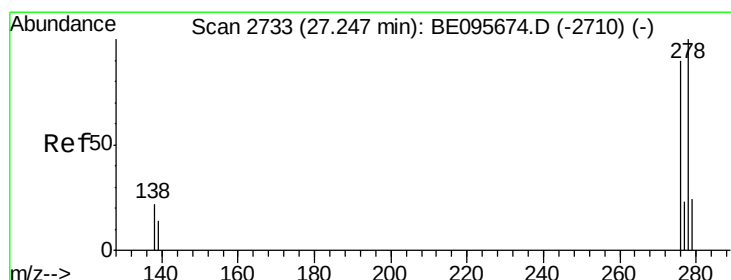
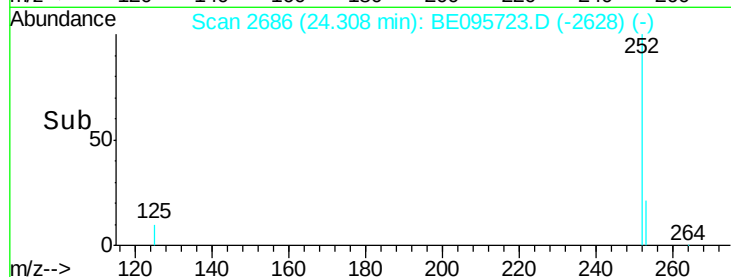
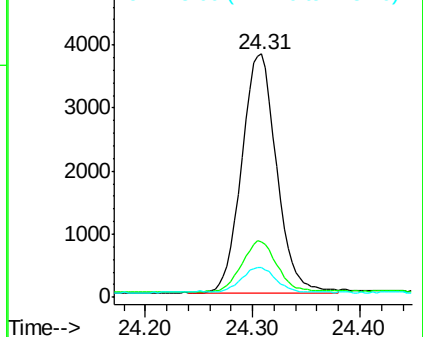


Abundance

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: 0.359 ng

RT: 27.25 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

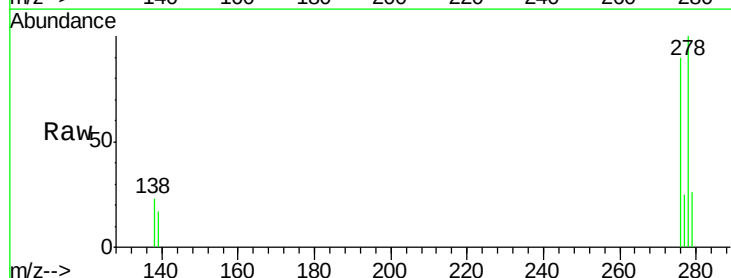
Tgt Ion:278 Resp: 7750

Ion Ratio Lower Upper

278 100

139 17.3 16.0 24.0

279 25.5 20.0 30.0

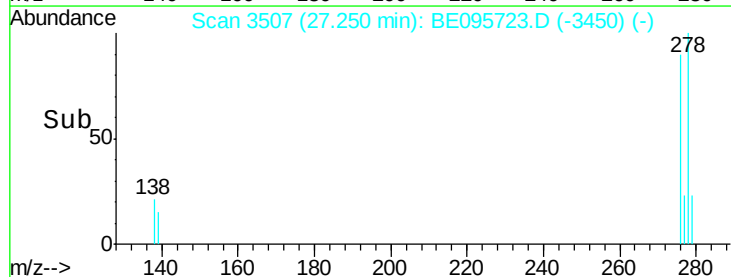
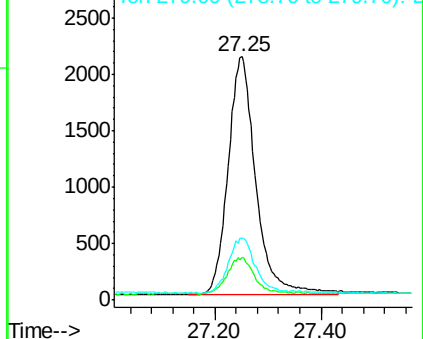


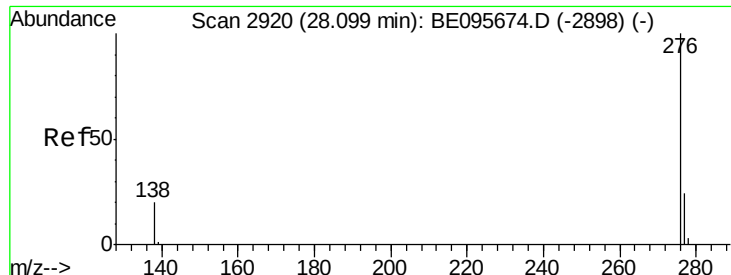
Abundance

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: 0.350 ng

RT: 28.10 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE095723.D

Acq: 12 Mar 2018 9:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

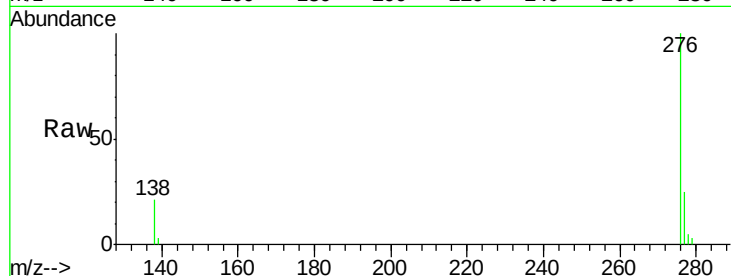
Tot Ion: 276 Resp: 8084

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 21.3 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

