

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
 Data File : BE095040.D
 Acq On : 22 Dec 2017 11:38
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 22 17:35:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6284	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	15531	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	8943	0.40	ng	-0.02
19) Phenanthrene-d10	17.74	188	20525	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	20807	0.40	ng	-0.03
34) Perylene-d12	24.50	264	17992	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	4296	0.44	ng	-0.01
5) Phenol-d6	7.58	99	6375	0.44	ng	-0.01
8) Nitrobenzene-d5	9.65	82	5087	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	10019	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	749	0.36	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	15136	0.38	ng	-0.02
25) Fluoranthene-d10	19.72	212	99987	0.38	ng	-0.03
29) Terphenyl-d14	20.28	244	16567	0.42	ng	-0.03

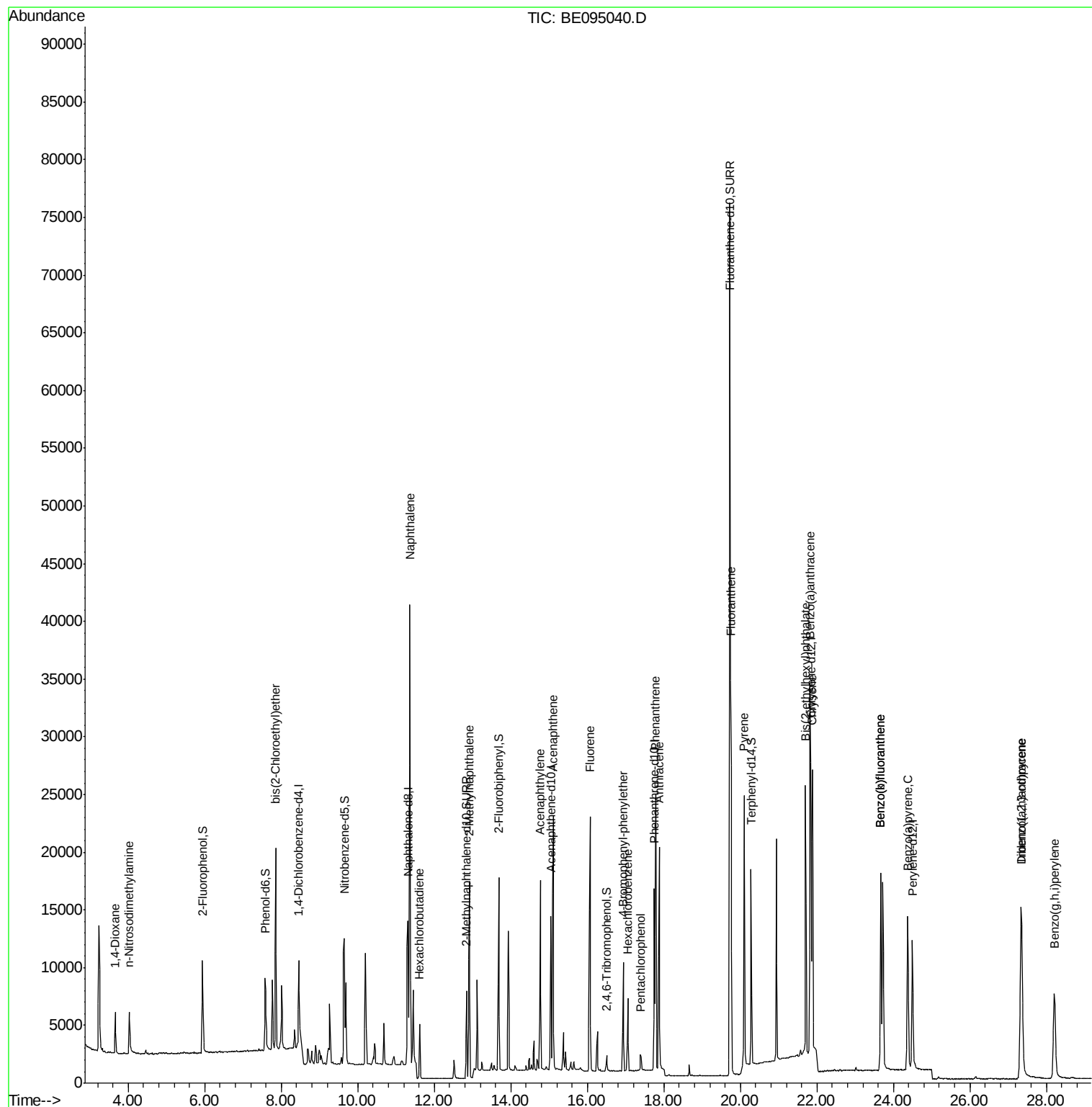
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2426	0.392	ng	# 87
3) n-Nitrosodimethylamine	4.02	42	3032	0.414	ng	97
6) bis(2-Chloroethyl)ether	7.86	93	5937	0.420	ng	91
9) Naphthalene	11.36	128	70209	0.385	ng	99
10) Hexachlorobutadiene	11.61	225	3112	0.375	ng	98
12) 2-Methylnaphthalene	12.91	142	16378	0.360	ng	97
16) Acenaphthylene	14.76	152	18125	0.379	ng	99
17) Acenaphthene	15.11	154	12124	0.382	ng	94
18) Fluorene	16.07	166	15334	0.389	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	4645	0.387	ng	89
21) Hexachlorobenzene	17.06	284	4847	0.395	ng	# 82
22) Pentachlorophenol	17.40	266	955	0.393	ng	# 71
23) Phenanthrene	17.79	178	24863	0.389	ng	98
24) Anthracene	17.88	178	24242	0.369	ng	# 93
26) Fluoranthene	19.75	202	29988	0.380	ng	99
28) Pyrene	20.10	202	32268	0.458	ng	98
30) Benzo(a)anthracene	21.82	228	25590	0.421	ng	# 61
31) Chrysene	21.89	228	28869	0.422	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.70	149	32825	0.424	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.34	276	23995	0.431	ng	98
35) Benzo(b)fluoranthene	23.67	252	25281	0.383	ng	# 90
36) Benzo(k)fluoranthene	23.67	252	25281	0.378	ng	94
37) Benzo(a)pyrene	24.38	252	23103	0.394	ng	95
38) Dibenzo(a,h)anthracene	27.36	278	19233	0.354	ng	97
39) Benzo(g,h,i)perylene	28.20	276	20135	0.372	ng	# 95

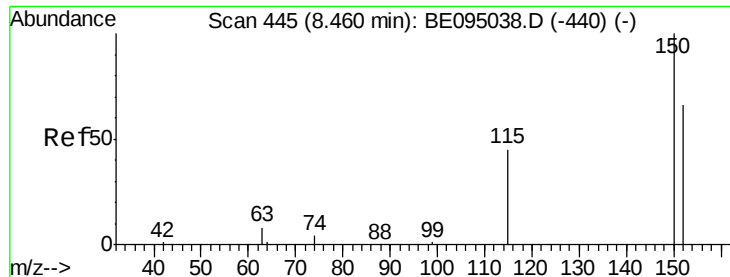
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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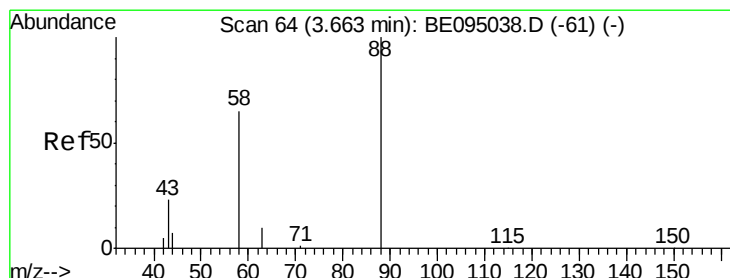
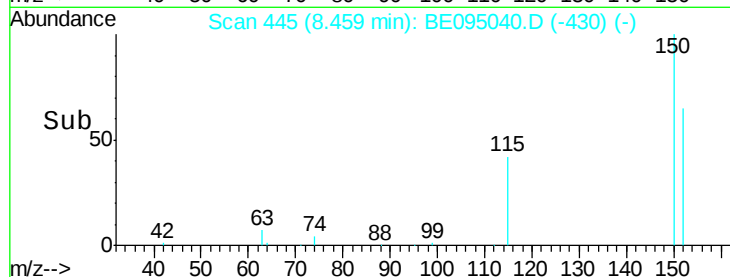
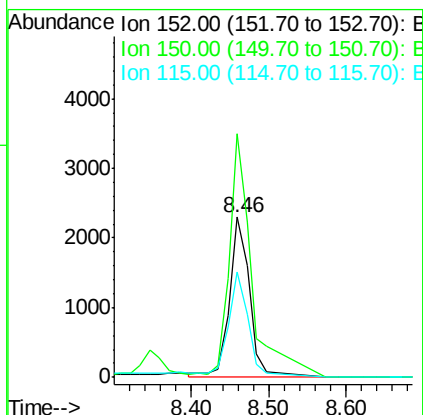
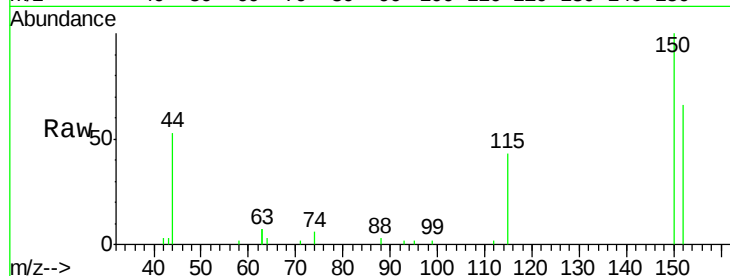


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

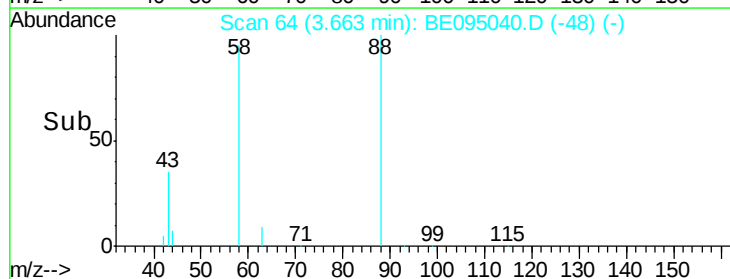
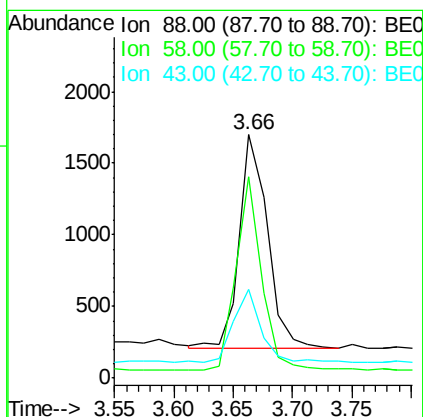
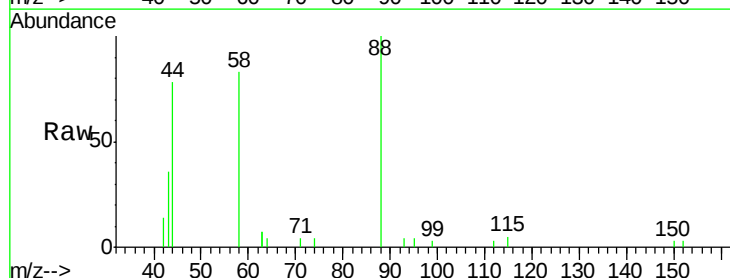
Tot Ion:152 Resp: 6284
Ion Ratio Lower Upper
152 100
150 152.0 117.2 175.8
115 66.0 57.0 85.6

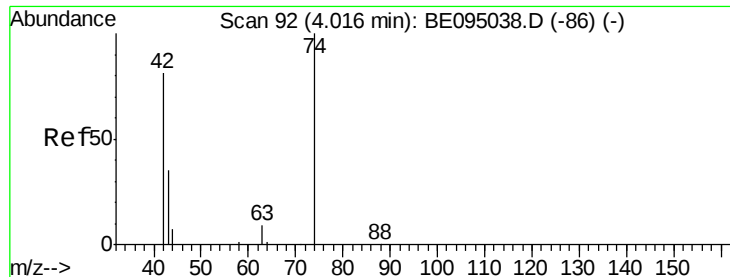


#2

1,4-Dioxane
Concen: 0.392 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion: 88 Resp: 2426
Ion Ratio Lower Upper
88 100
58 84.8 63.2 94.8
43 35.0 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.414 ng

RT: 4.02 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

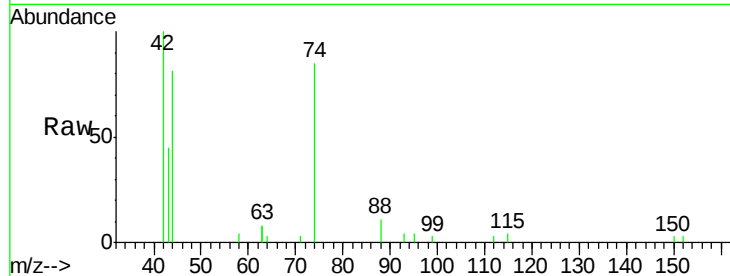
Tot Ion: 42 Resp: 3032

Ion Ratio Lower Upper

42 100

74 116.7 96.0 144.0

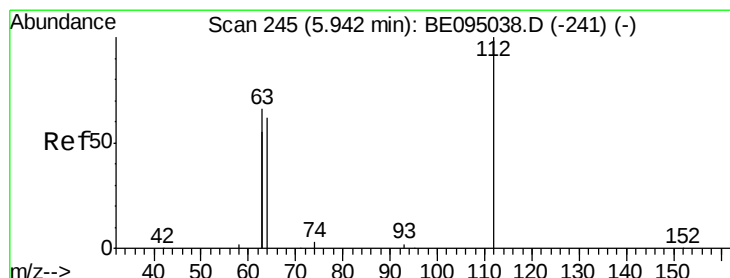
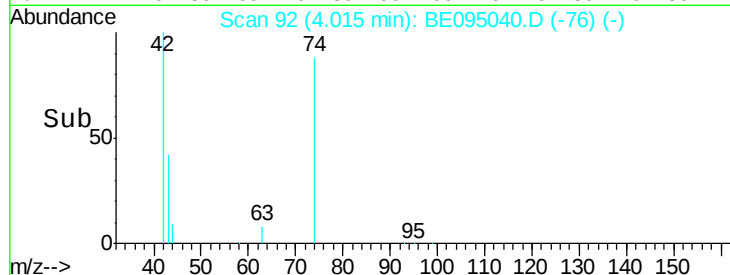
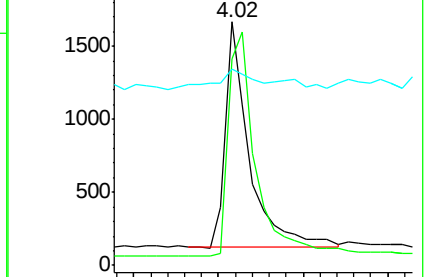
44 14.4 12.0 18.0



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: 0.440 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

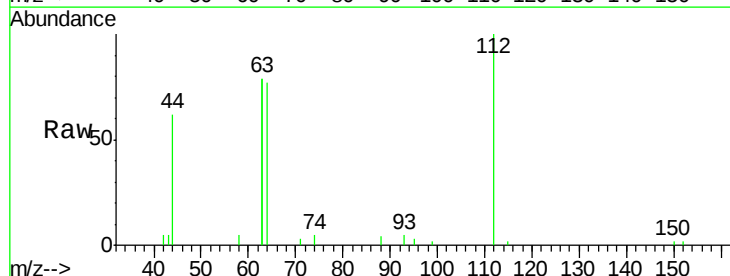
Tgt Ion: 112 Resp: 4296

Ion Ratio Lower Upper

112 100

64 71.2 60.1 90.1

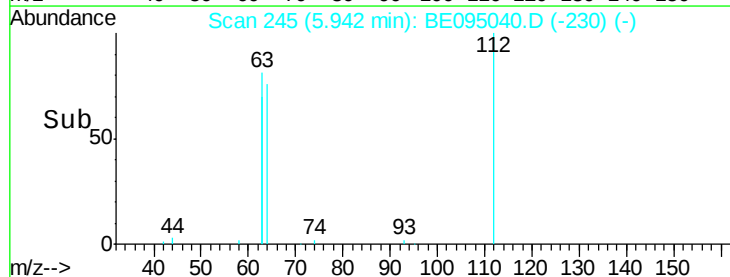
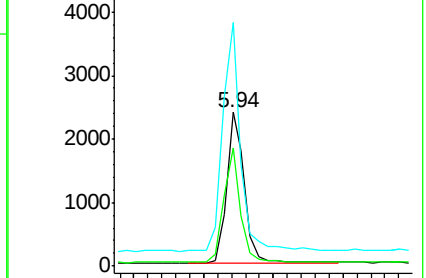
63 151.5 116.8 175.2

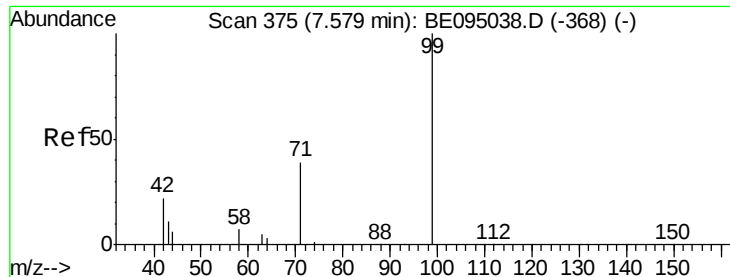


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.440 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

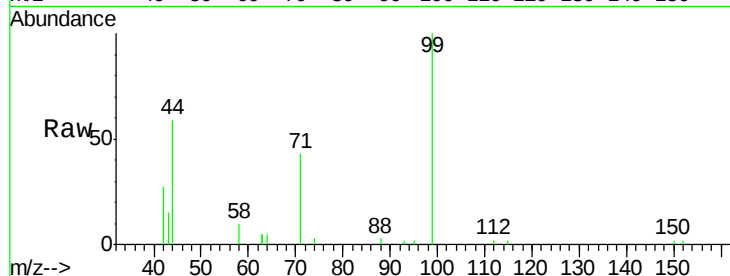
Tot Ion: 99 Resp: 6375

Ion Ratio Lower Upper

99 100

42 22.2 20.2 30.2

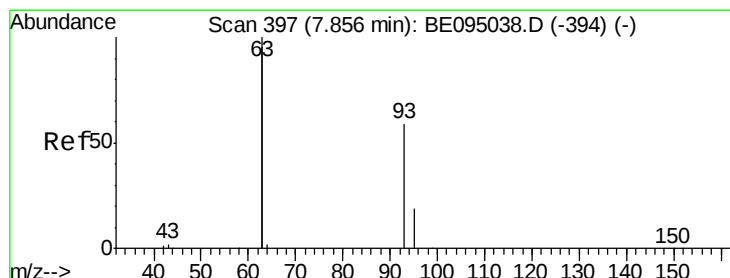
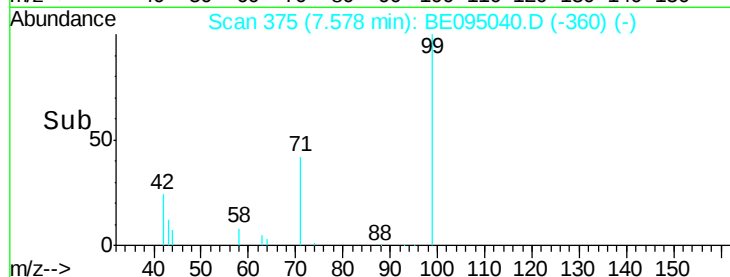
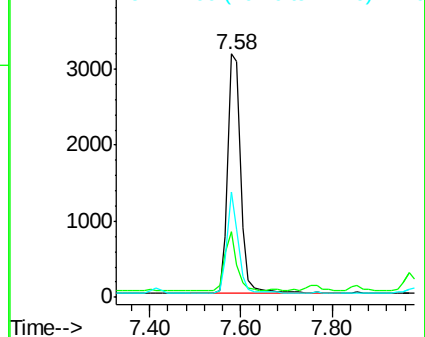
71 35.9 28.4 42.6



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: 0.420 ng

RT: 7.86 min Scan# 397

Delta R.T. -0.01 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

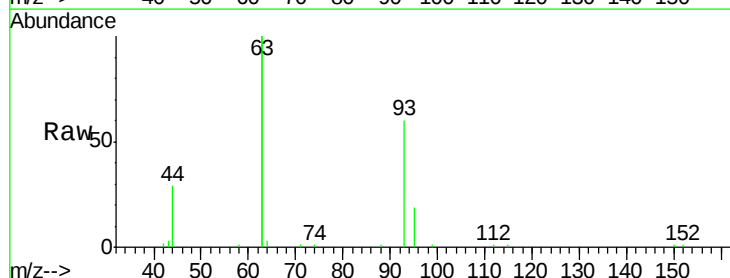
Tgt Ion: 93 Resp: 5937

Ion Ratio Lower Upper

93 100

63 323.7 275.3 412.9

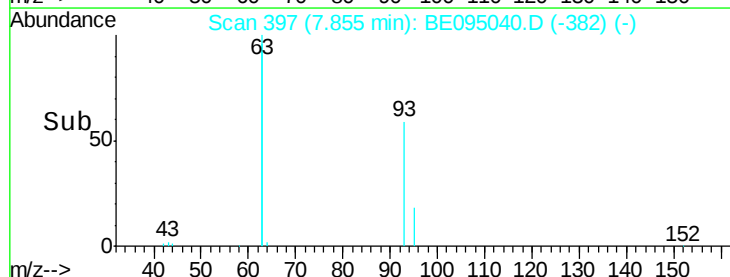
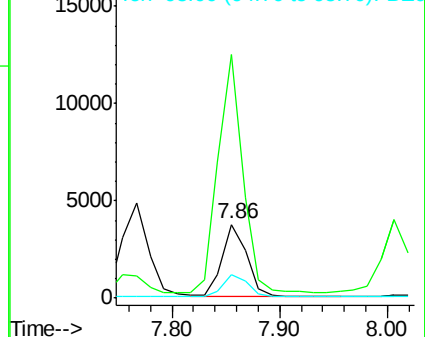
95 31.5 25.2 37.8

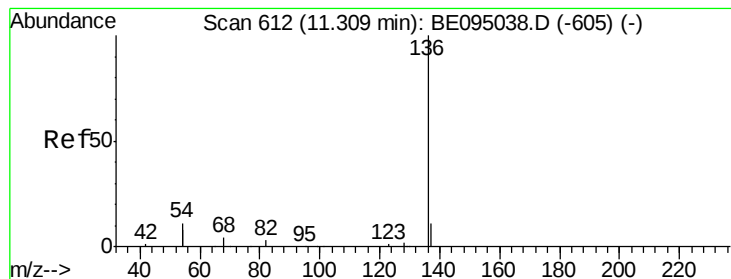


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15531

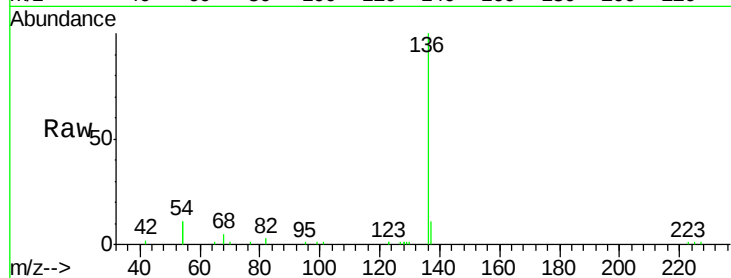
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 22.3 29.1 43.7#

68 5.3 6.2 9.2#

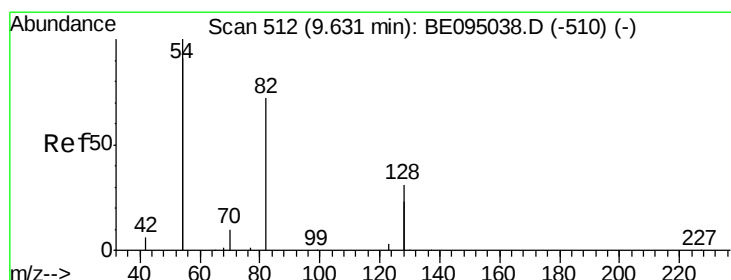
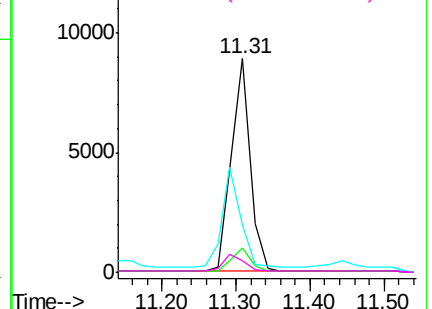
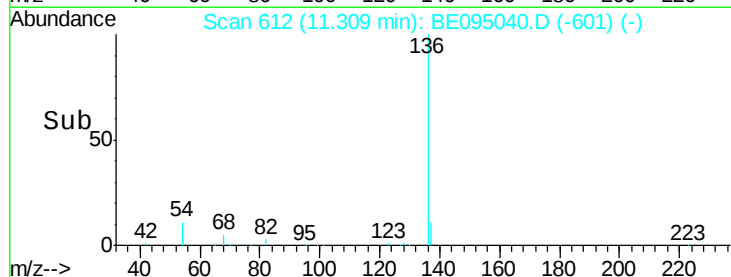


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.399 ng

RT: 9.65 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

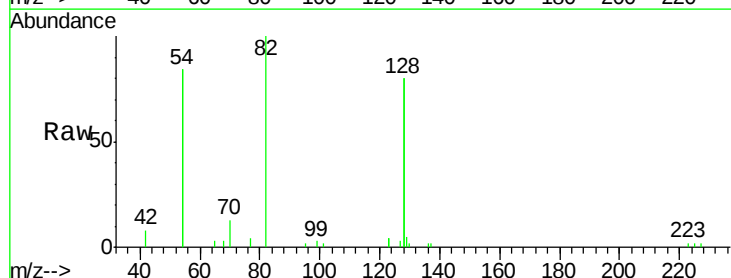
Tgt Ion: 82 Resp: 5087

Ion Ratio Lower Upper

82 100

128 159.6 150.0 225.0

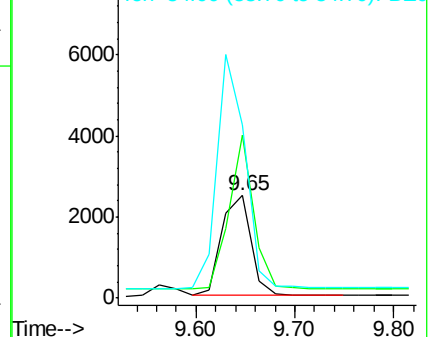
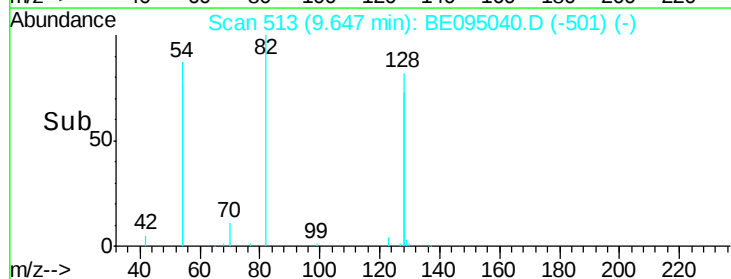
54 169.0 154.2 231.4

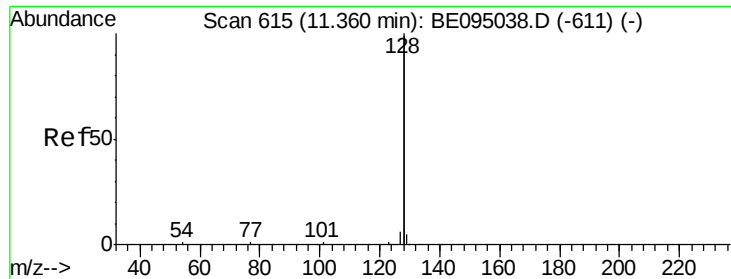


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

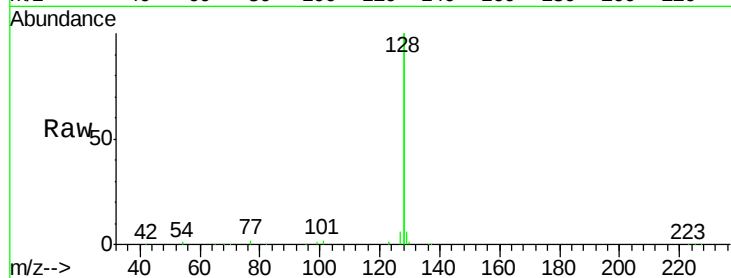
Tot Ion:128 Resp: 70209

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

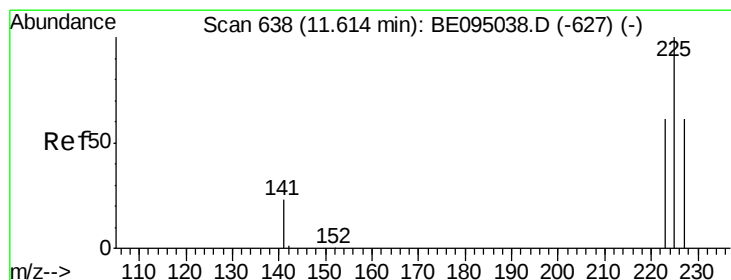
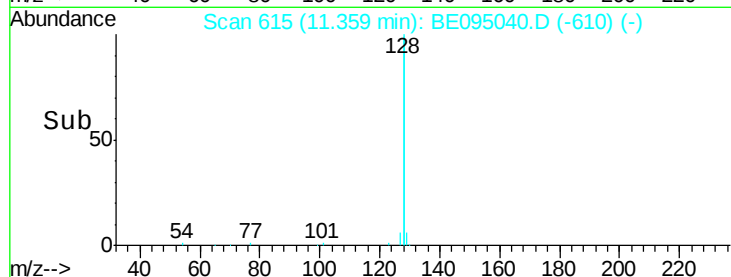
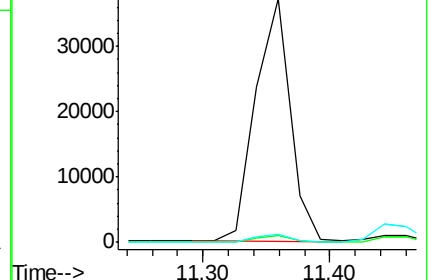
127 3.2 2.8 4.2



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: 0.375 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

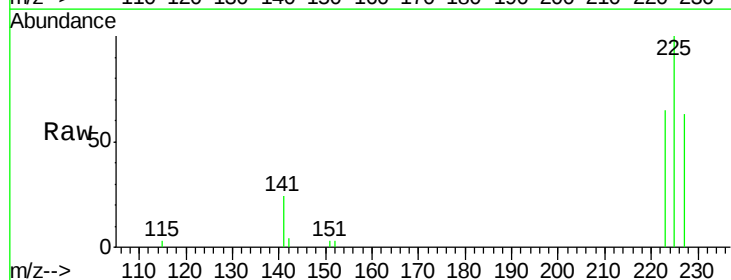
Tgt Ion:225 Resp: 3112

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

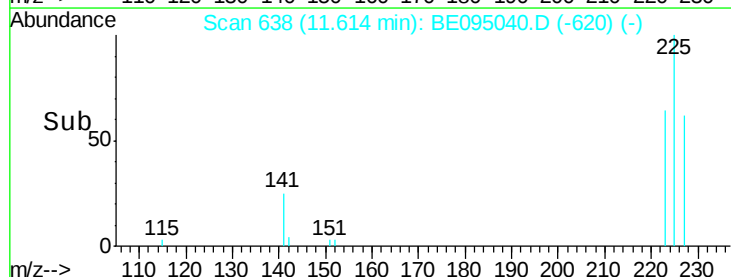
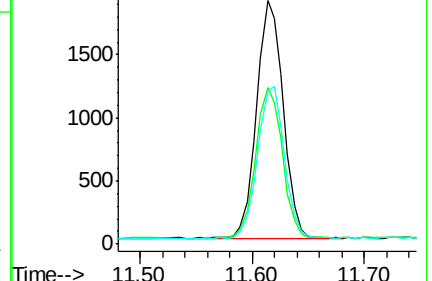
227 64.4 51.4 77.2

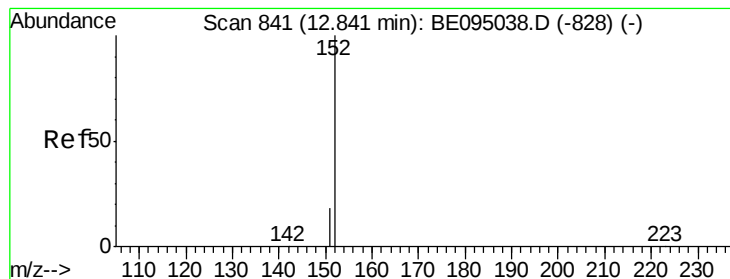


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

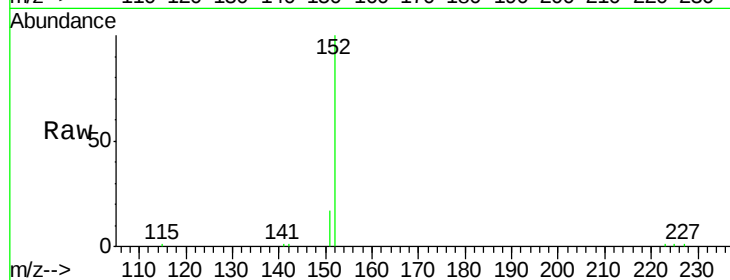
SSTDCCC0.4

Tot Ion:152 Resp: 10019

Ion Ratio Lower Upper

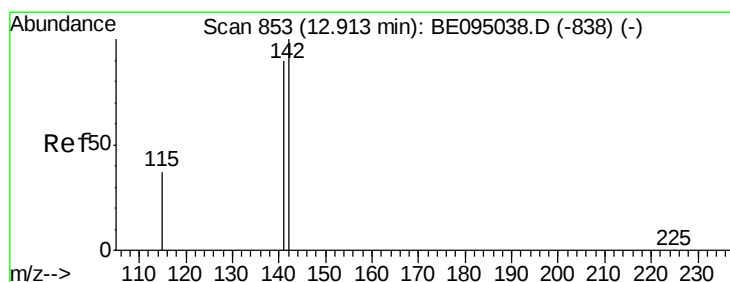
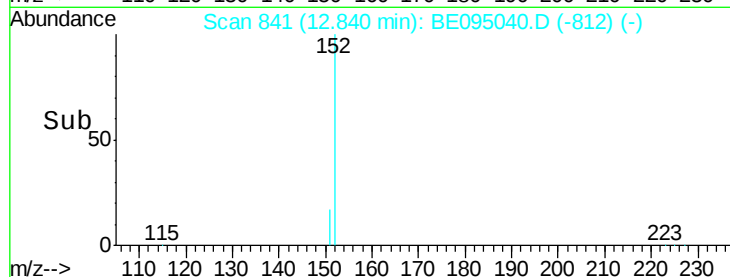
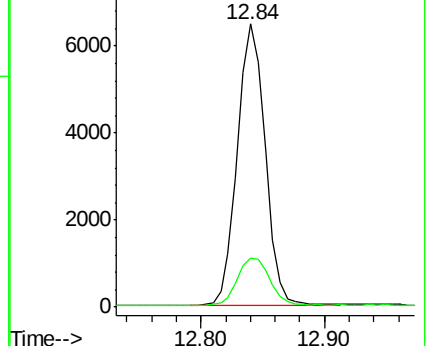
152 100

151 19.5 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: 0.360 ng

RT: 12.91 min Scan# 853

Delta R.T. -0.02 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

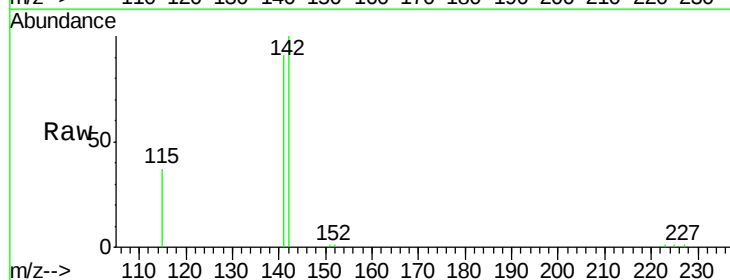
Tgt Ion:142 Resp: 16378

Ion Ratio Lower Upper

142 100

141 90.5 70.4 105.6

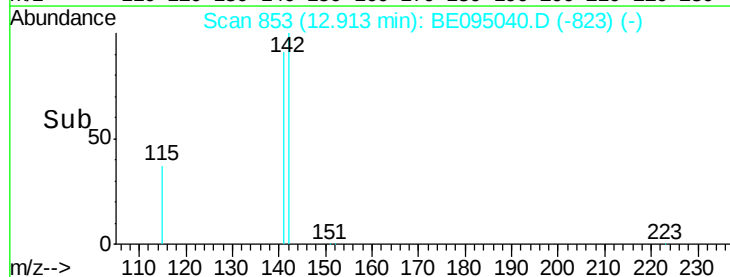
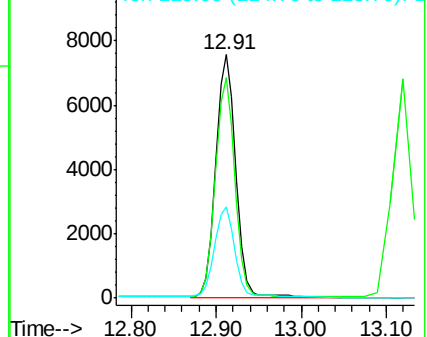
115 37.3 31.7 47.5

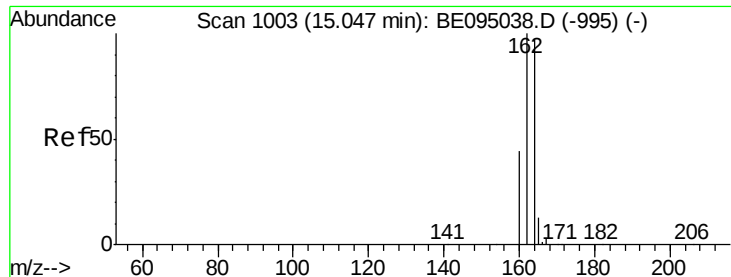


Abundance Ion 142.00 (141.70 to 142.70): E

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: 15.05 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

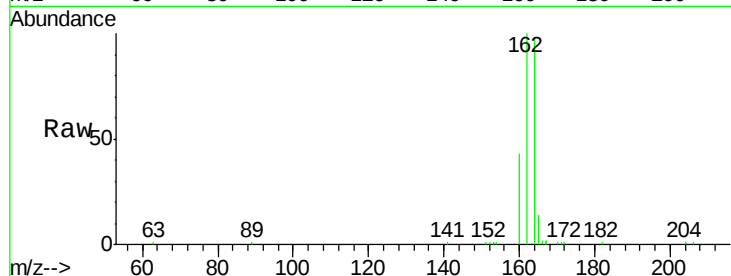
Tot Ion:164 Resp: 8943

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

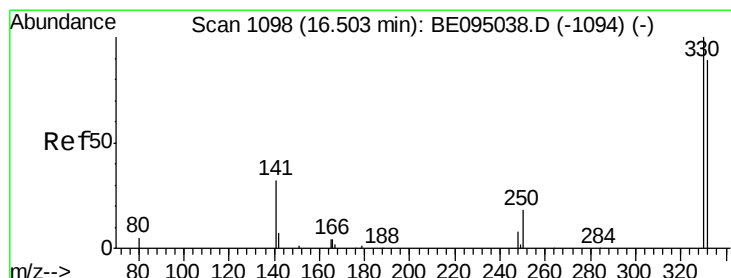
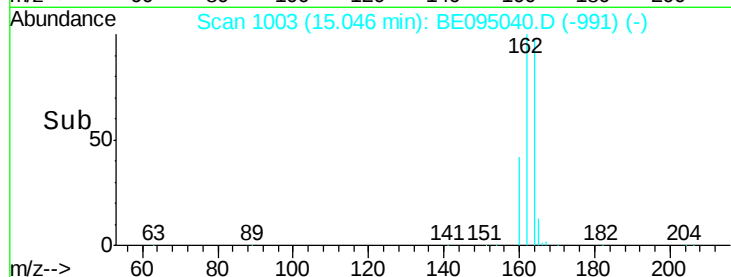
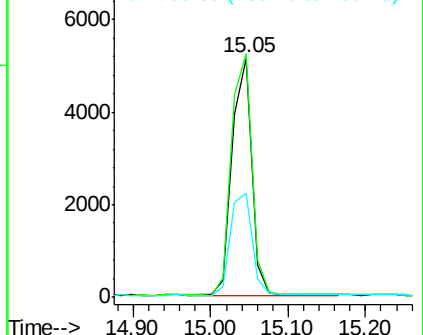
160 43.8 37.1 55.7



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: 0.360 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

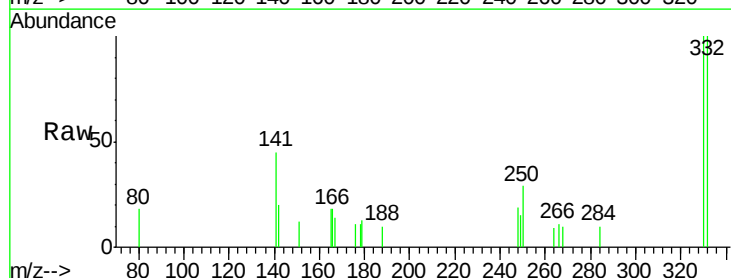
Tgt Ion:330 Resp: 749

Ion Ratio Lower Upper

330 100

332 104.1 152.7 229.1#

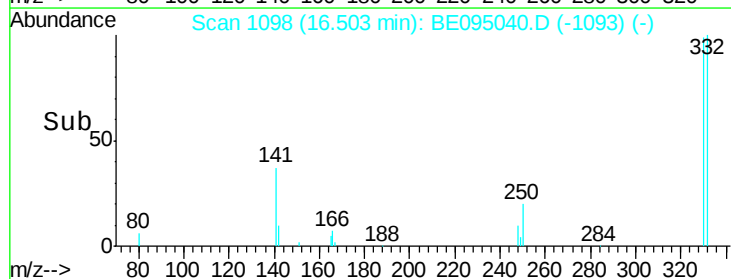
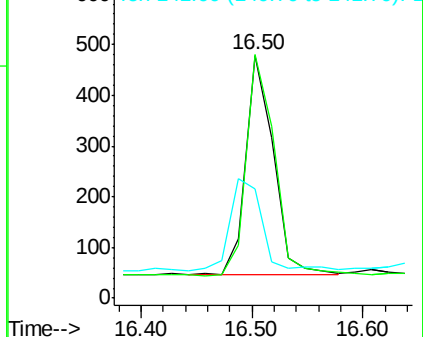
141 50.6 33.7 50.5#

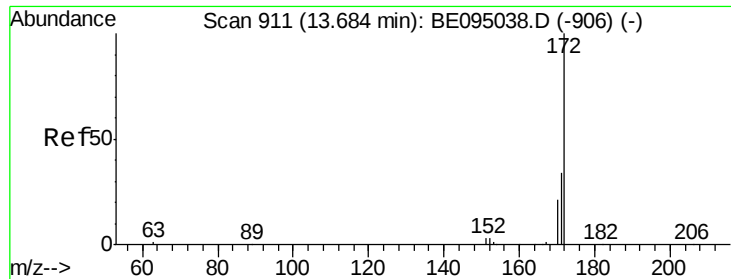


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

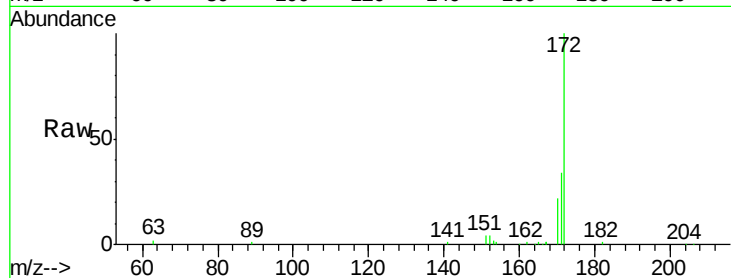




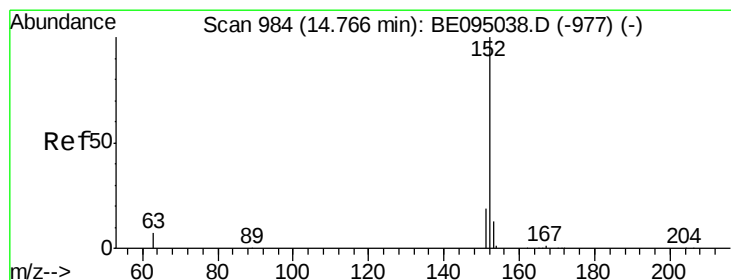
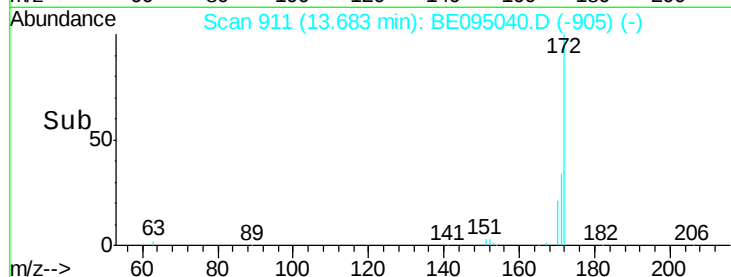
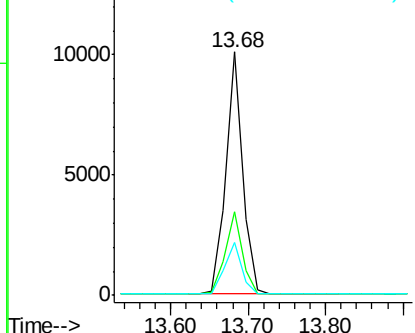
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 15136
Ion Ratio Lower Upper
172 100
171 34.2 29.9 44.9
170 21.5 21.8 32.8#

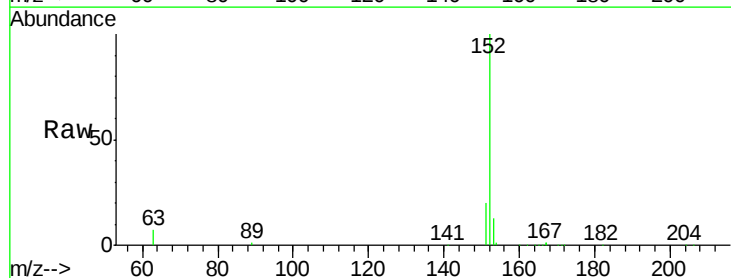


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

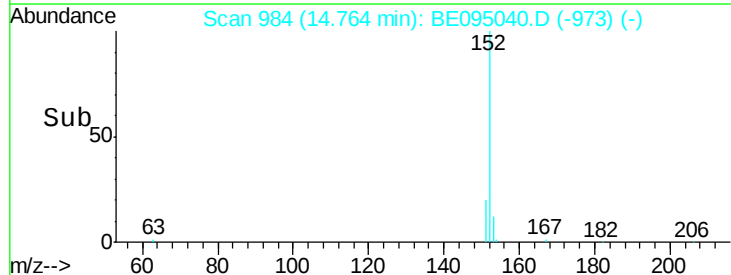
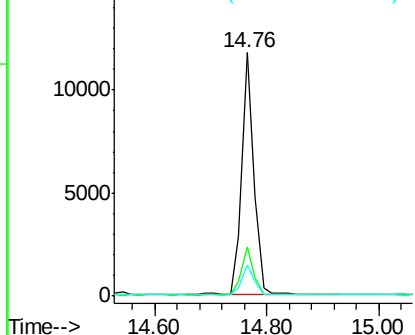


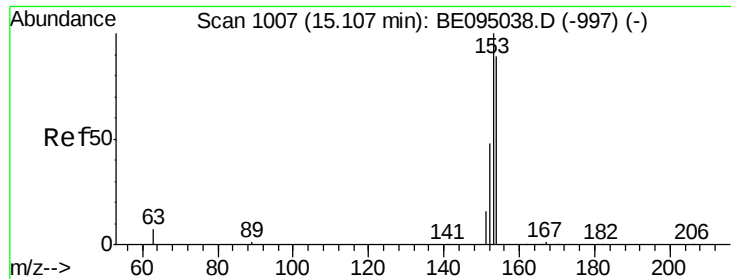
#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.76 min Scan# 984
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:152 Resp: 18125
Ion Ratio Lower Upper
152 100
151 19.9 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

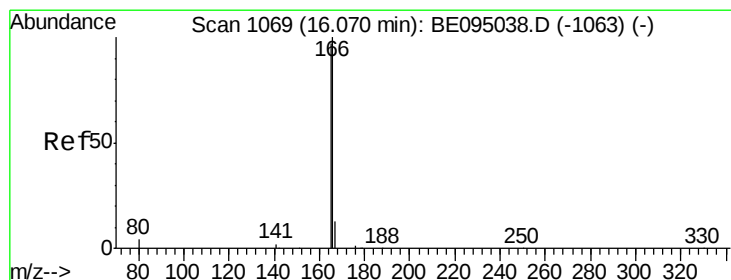
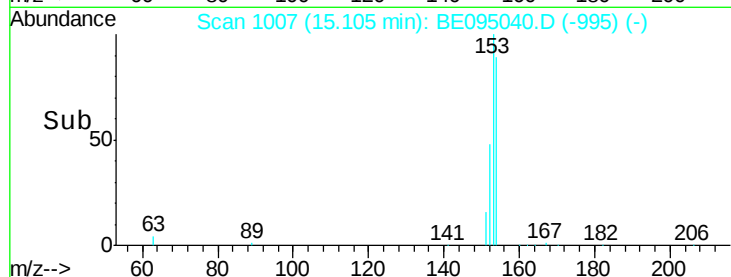
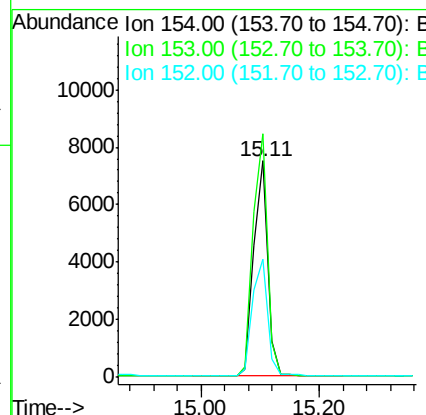
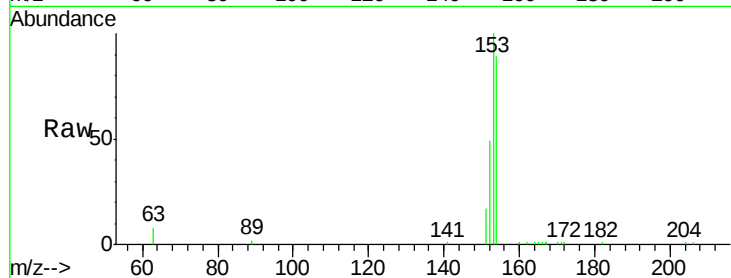




#17
Acenaphthene
Concen: 0.382 ng
RT: 15.11 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

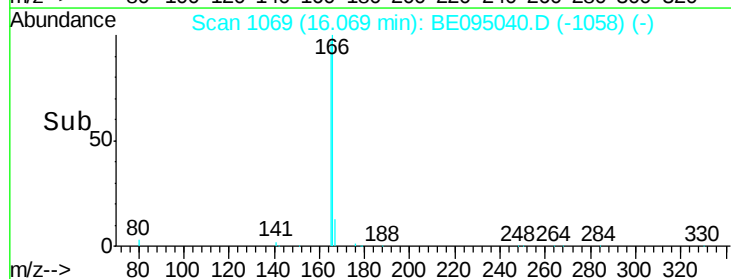
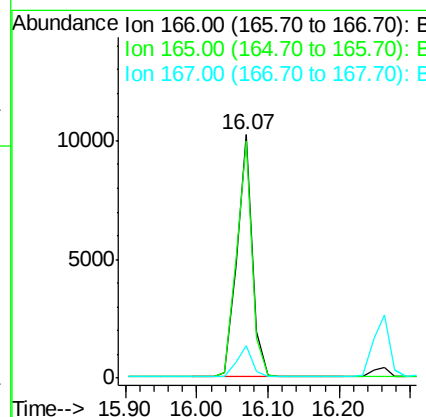
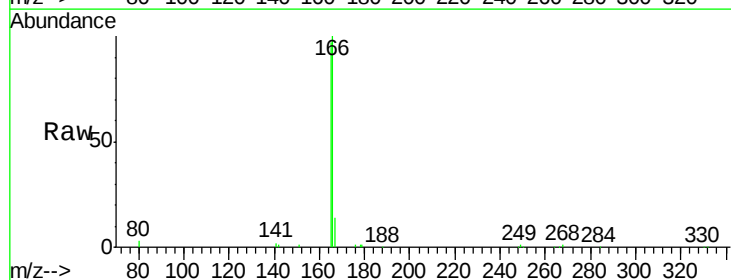
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

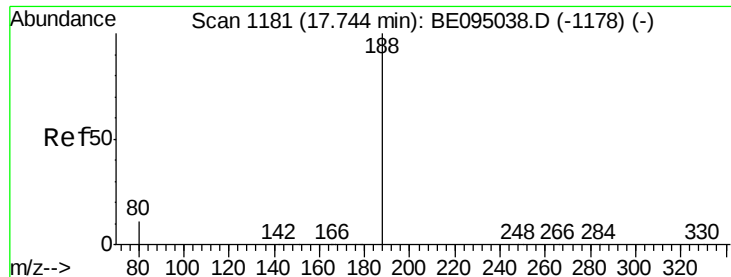
Tot Ion:154 Resp: 12124
Ion Ratio Lower Upper
154 100
153 115.8 89.2 133.8
152 58.7 42.0 63.0



#18
Fluorene
Concen: 0.389 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:166 Resp: 15334
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.6
167 13.3 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

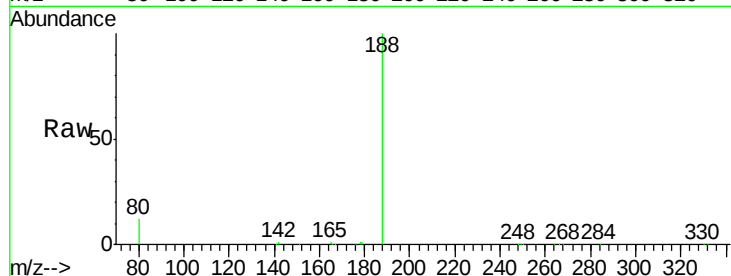
Tot Ion:188 Resp: 20525

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

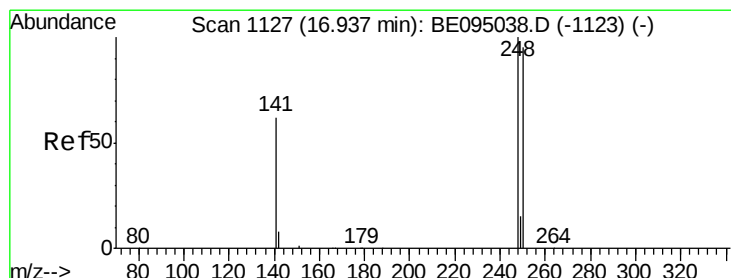
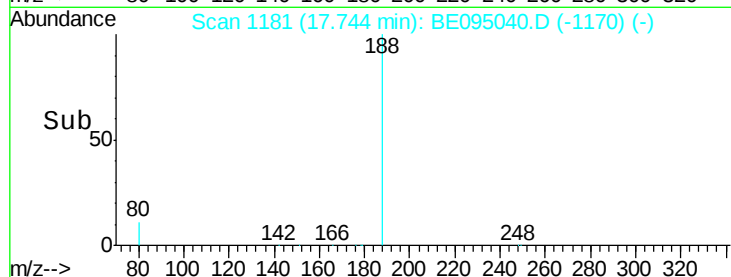
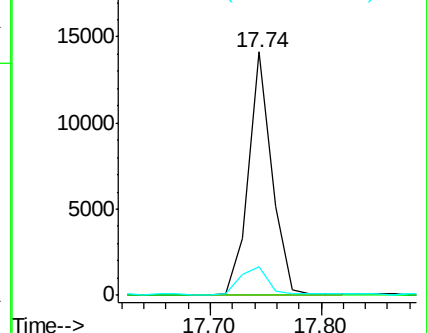
80 11.7 3.6 5.4#



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: 0.387 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

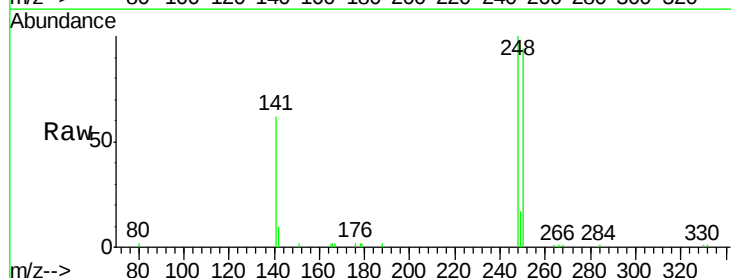
Tgt Ion:248 Resp: 4645

Ion Ratio Lower Upper

248 100

250 93.9 62.7 94.1

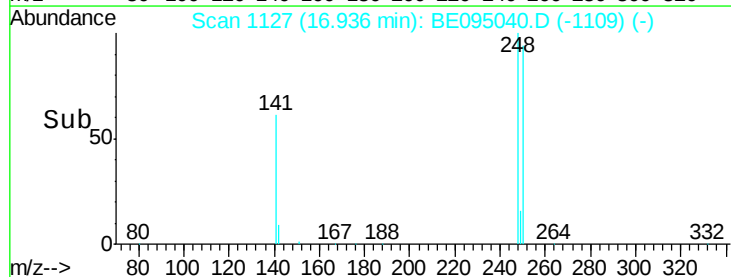
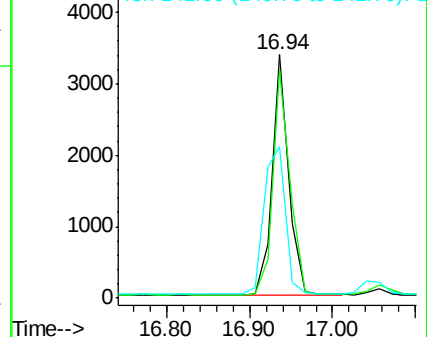
141 62.1 48.2 72.2

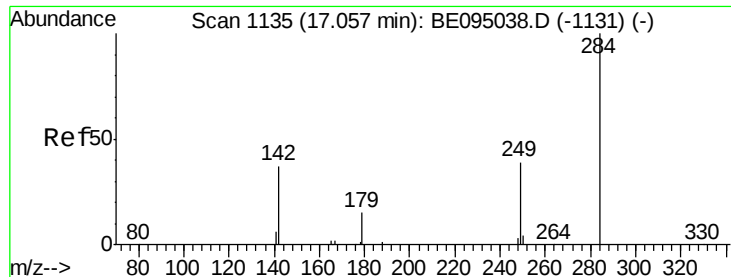


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

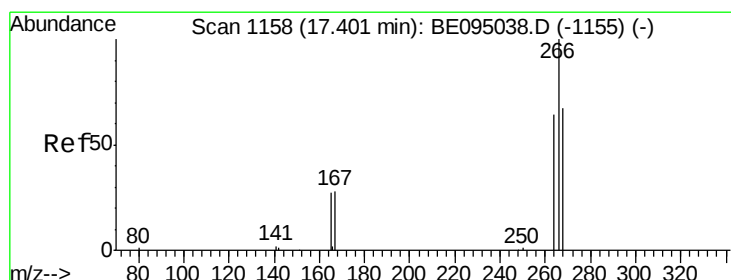
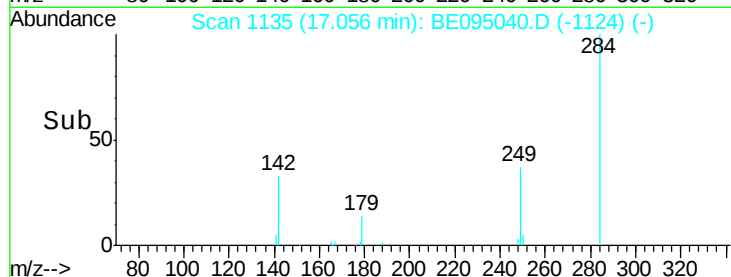
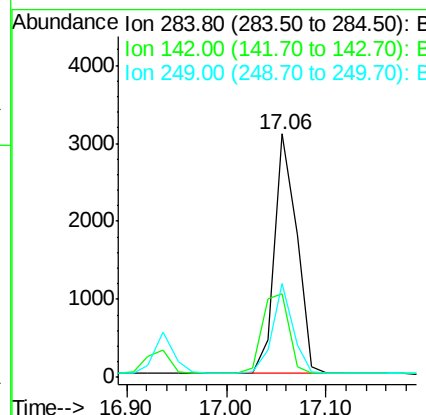
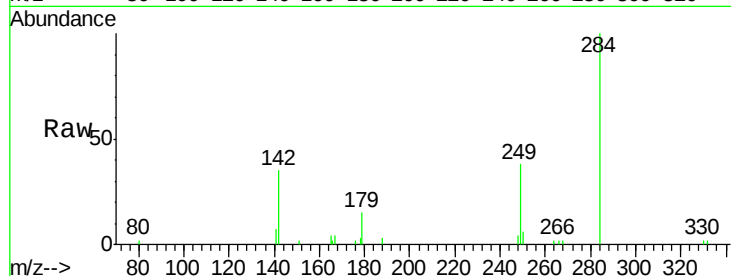




#21
Hexachlorobenzene
Concen: 0.395 ng
RT: 17.06 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

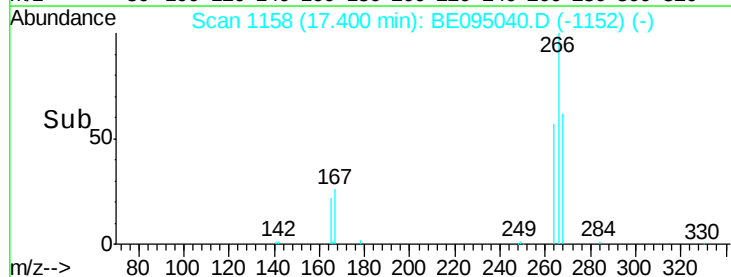
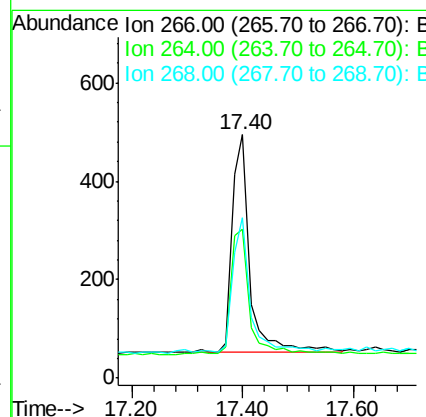
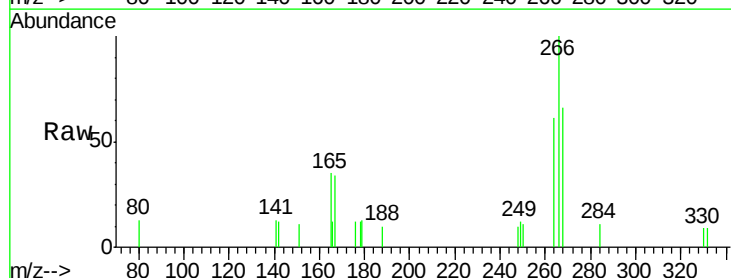
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

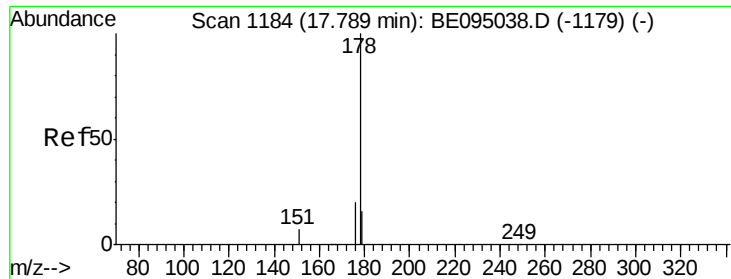
Tot Ion:284 Resp: 4847
Ion Ratio Lower Upper
284 100
142 40.3 22.1 33.1#
249 34.5 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.393 ng
RT: 17.40 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BE095040.D
Acq: 22 Dec 2017 11:38

Tgt Ion:266 Resp: 955
Ion Ratio Lower Upper
266 100
264 61.0 72.5 108.7#
268 65.9 73.8 110.6#





#23

Phenanthrene

Concen: 0.389 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

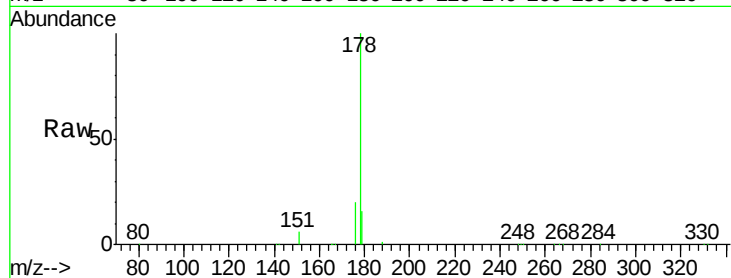
Tot Ion:178 Resp: 24863

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

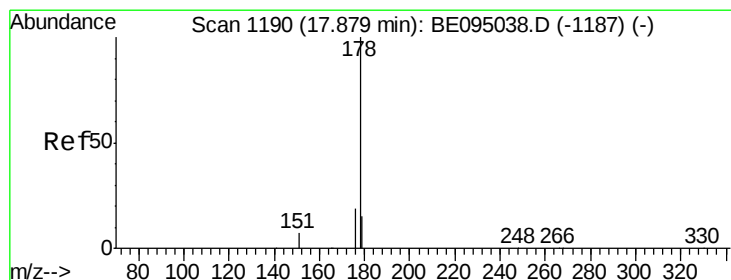
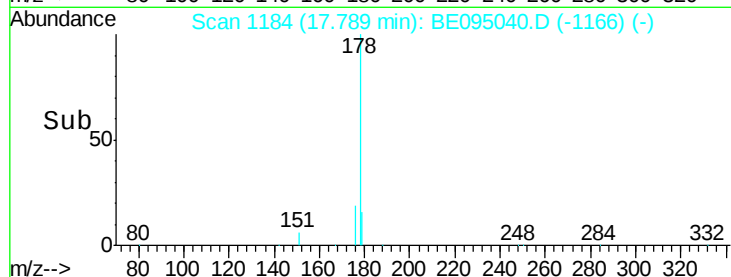
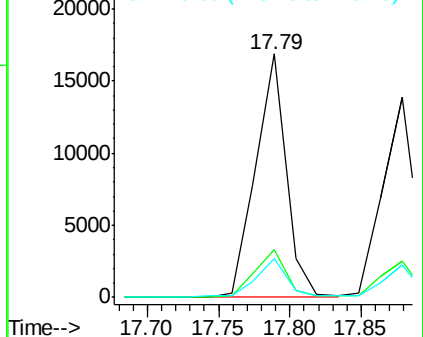
179 15.7 11.8 17.6



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: 0.369 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

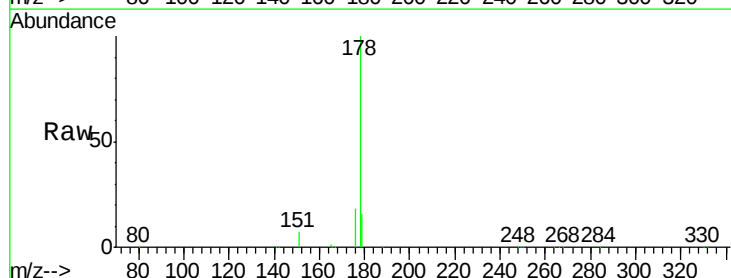
Tgt Ion:178 Resp: 24242

Ion Ratio Lower Upper

178 100

176 20.9 12.8 19.2#

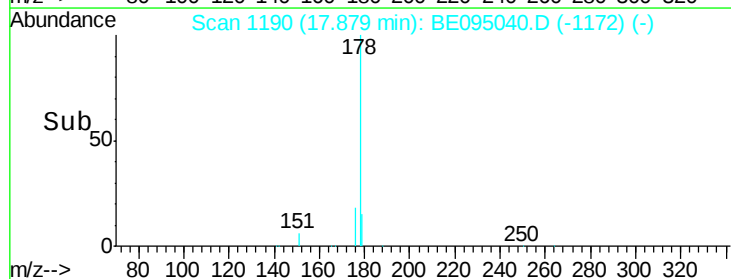
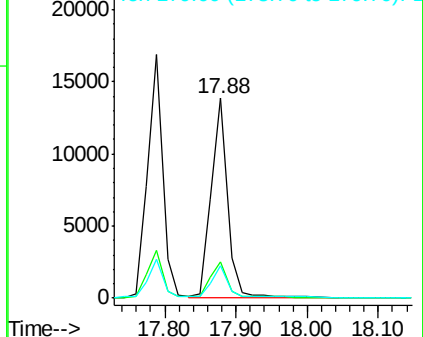
179 17.8 13.0 19.6

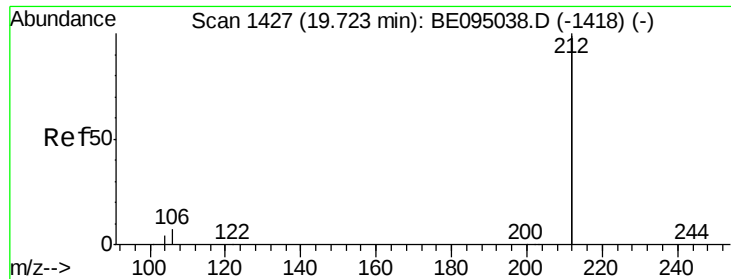


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

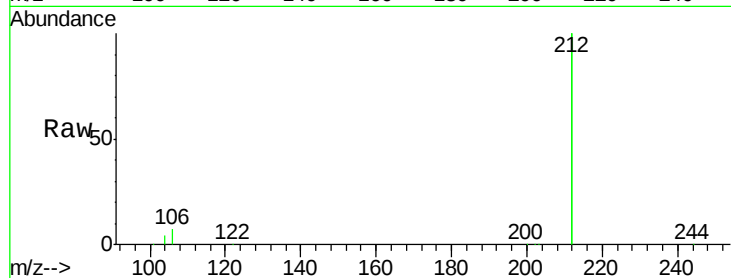
Tot Ion:212 Resp: 99987

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

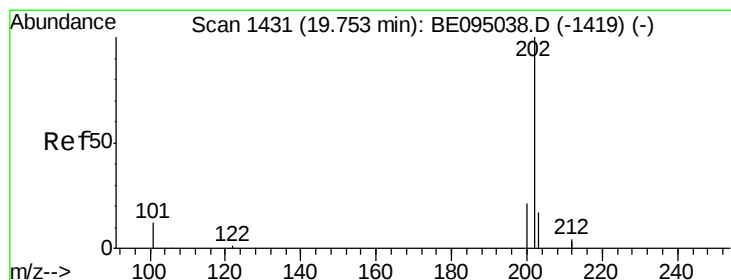
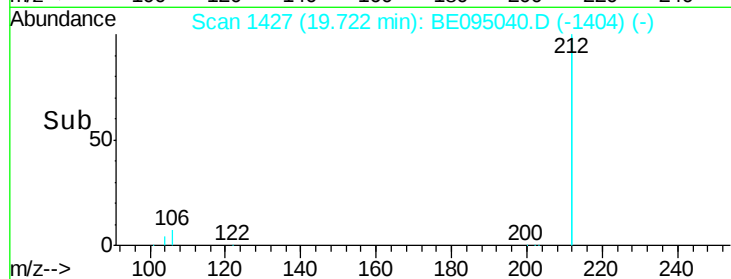
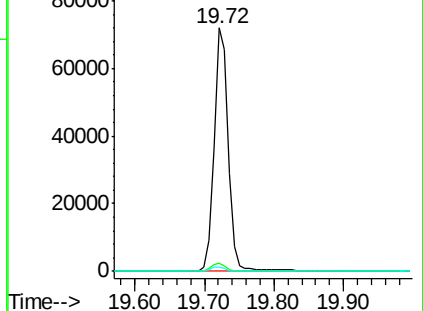
104 1.8 1.6 2.4



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: 0.380 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

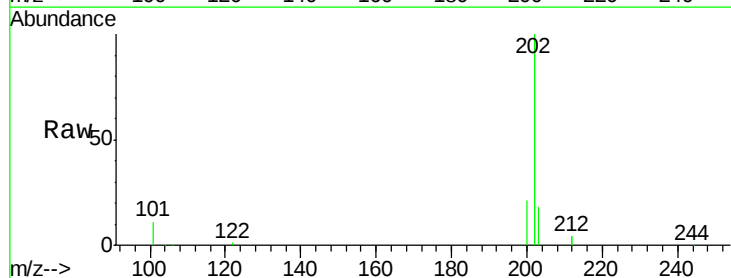
Tgt Ion:202 Resp: 29988

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

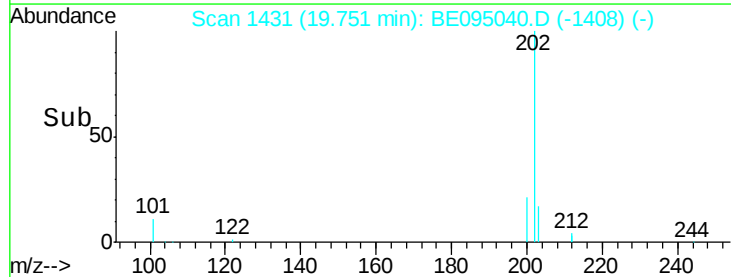
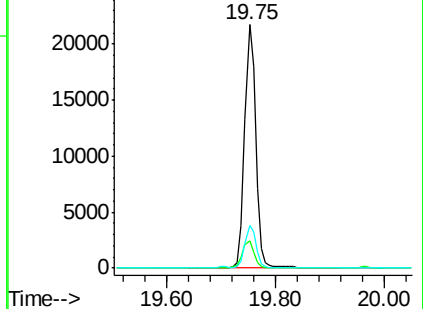
203 17.2 13.7 20.5

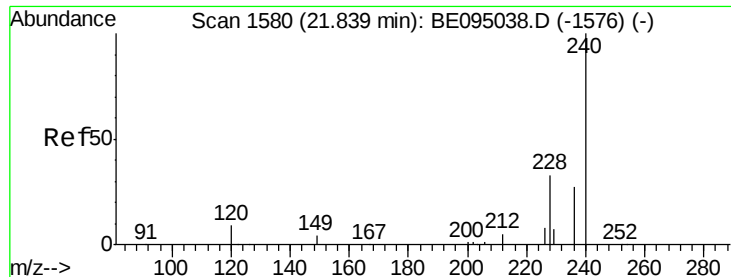


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

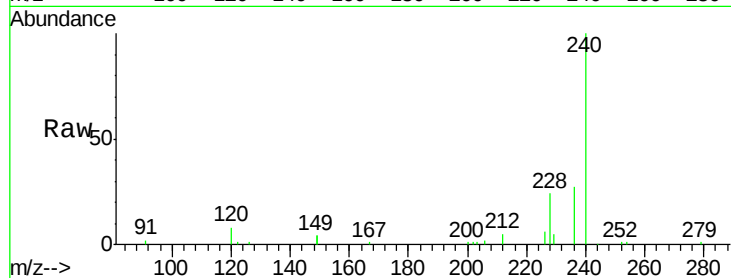
Tot Ion:240 Resp: 20807

Ion Ratio Lower Upper

240 100

120 8.4 5.5 8.3#

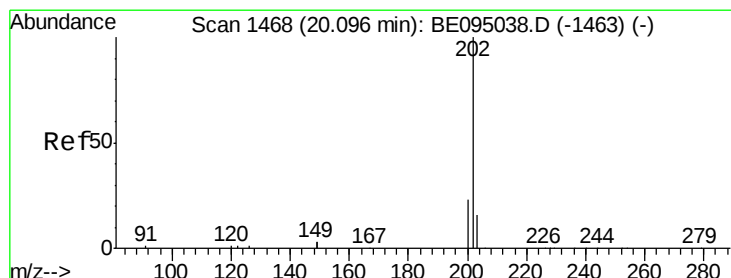
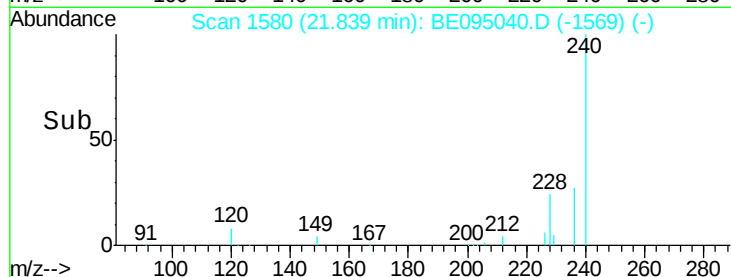
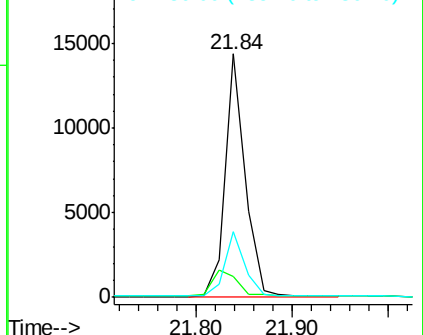
236 26.9 20.7 31.1



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: 0.458 ng

RT: 20.10 min Scan# 1468

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

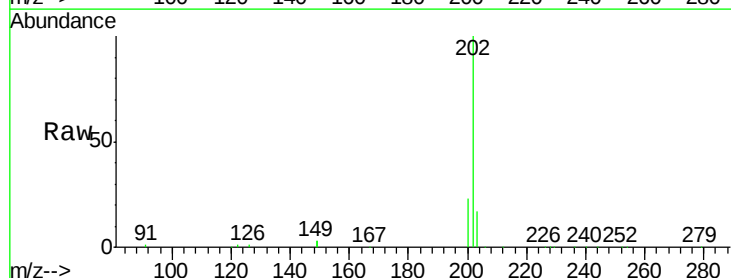
Tgt Ion:202 Resp: 32268

Ion Ratio Lower Upper

202 100

200 22.4 16.6 25.0

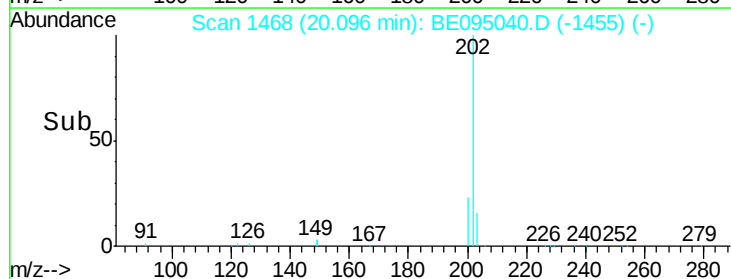
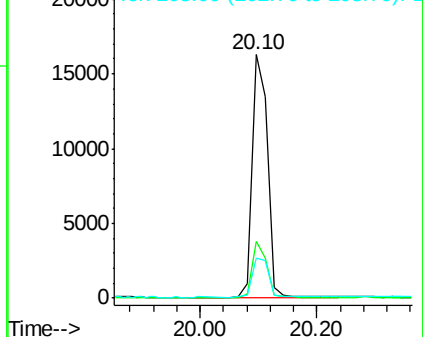
203 16.8 13.8 20.8

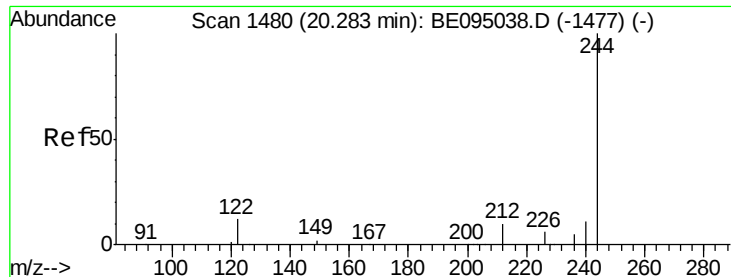


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

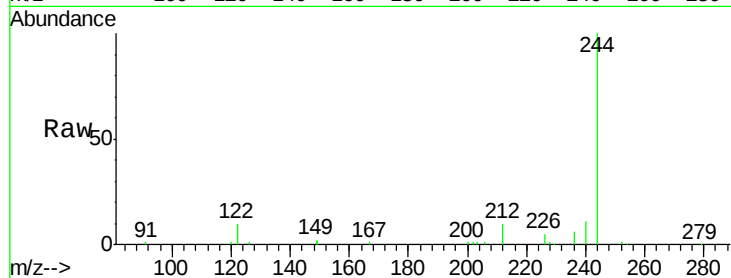
Tot Ion:244 Resp: 16567

Ion Ratio Lower Upper

244 100

212 10.1 25.4 38.0#

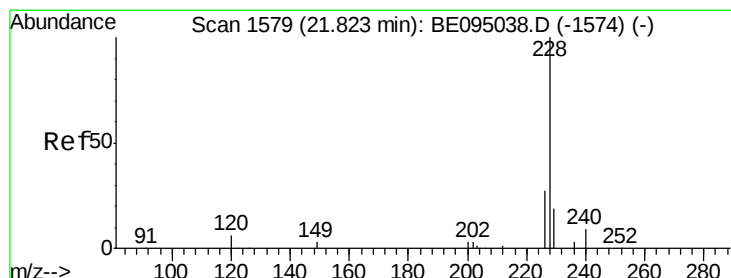
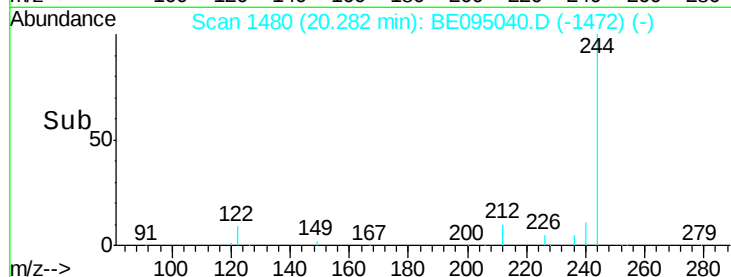
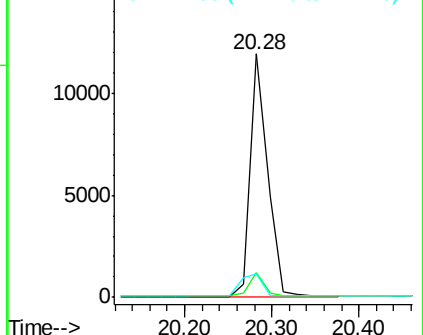
122 9.7 8.1 12.1



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: 0.421 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

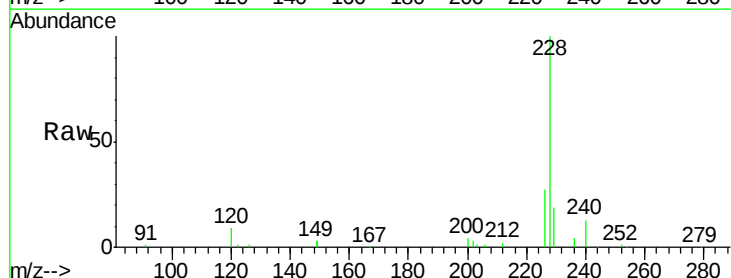
Tgt Ion:228 Resp: 25590

Ion Ratio Lower Upper

228 100

226 27.3 40.0 60.0#

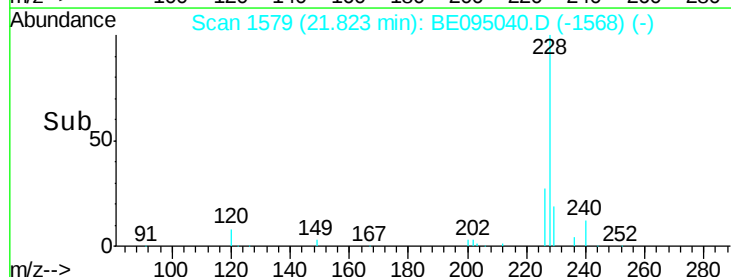
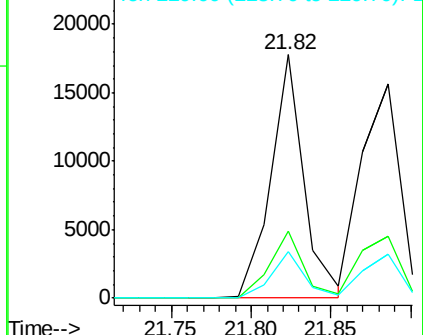
229 19.0 40.0 60.0#

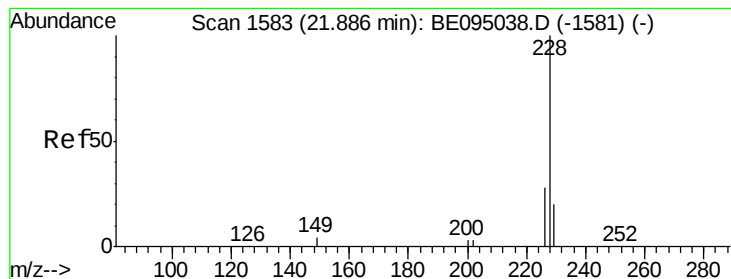


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.89 min Scan# 1583

Delta R.T. -0.03 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

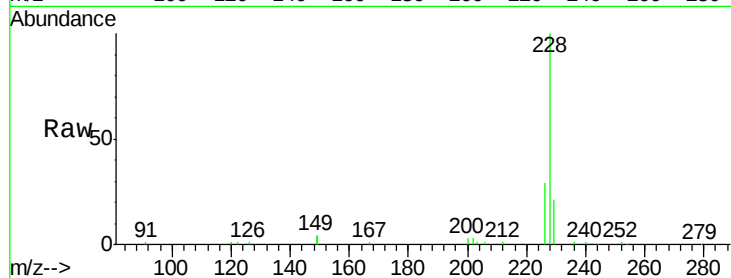
Tot Ion:228 Resp: 28869

Ion Ratio Lower Upper

228 100

226 28.9 40.0 60.0#

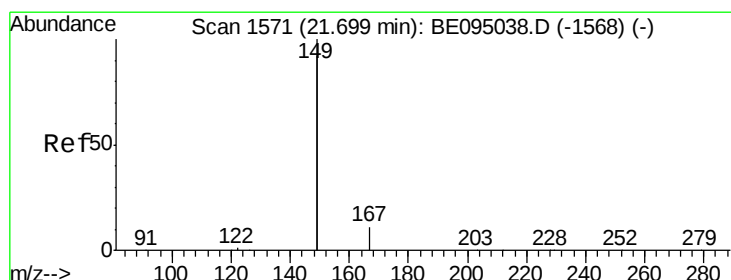
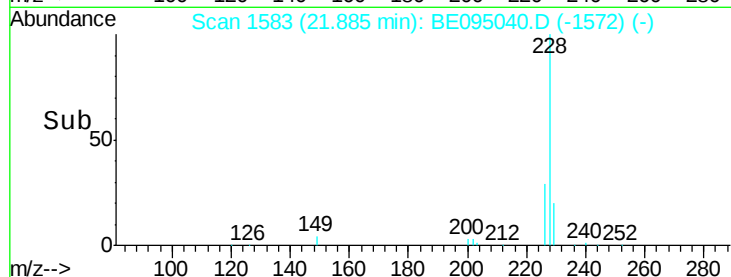
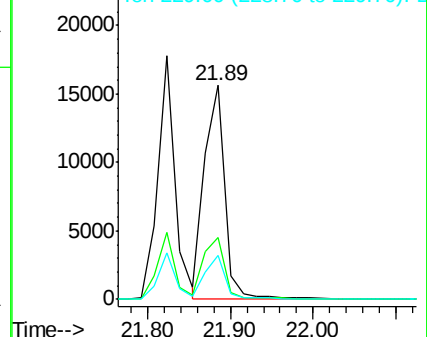
229 20.7 40.0 60.0#



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: 0.424 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

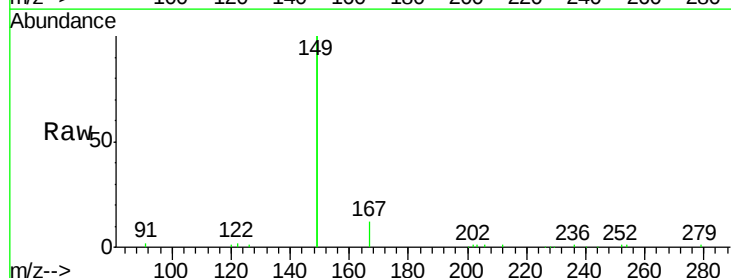
Tgt Ion:149 Resp: 32825

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

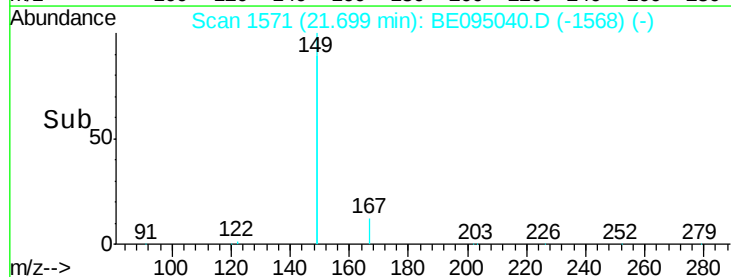
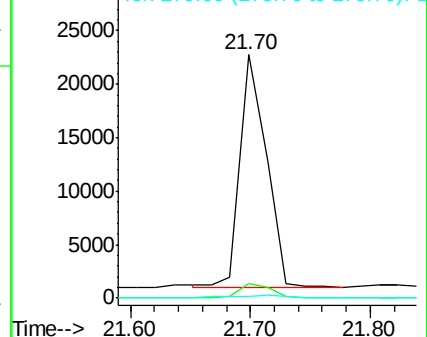
279 1.4 0.7 1.1#

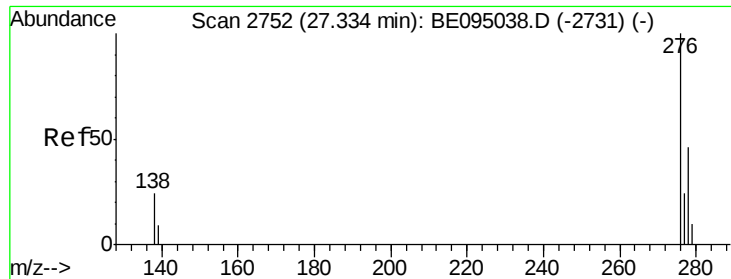


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

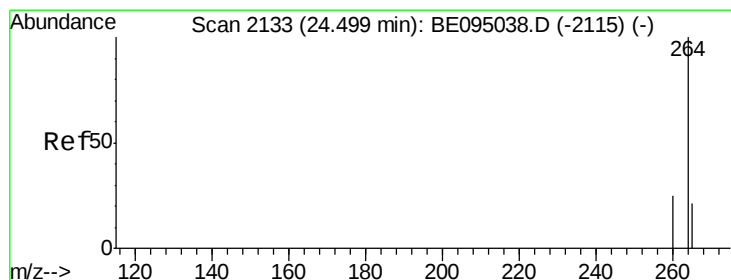
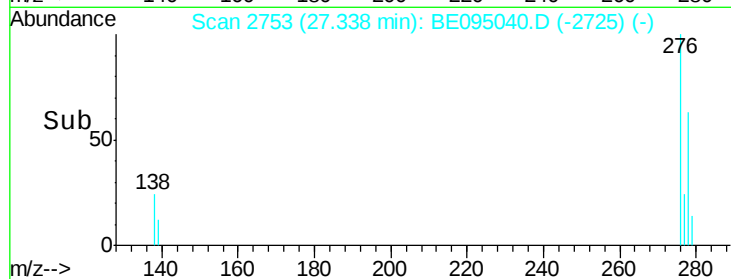
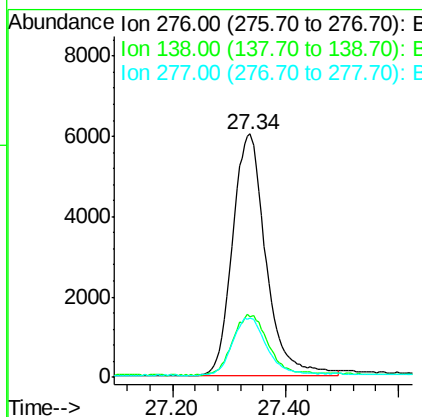
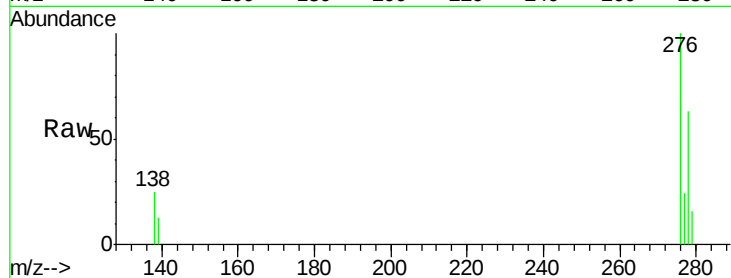




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.431 ng
 RT: 27.34 min Scan# 2753
 Delta R.T. -0.07 min
 Lab File: BE095040.D
 Acq: 22 Dec 2017 11:38

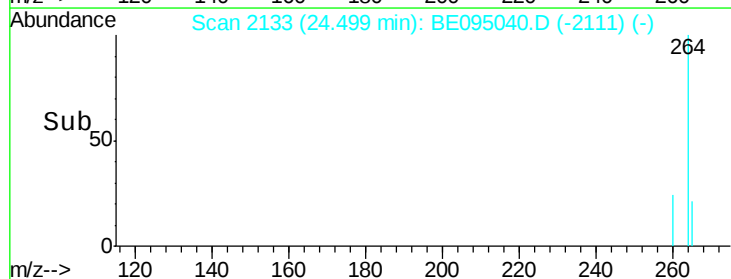
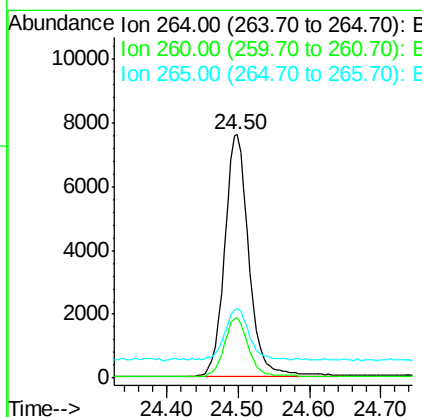
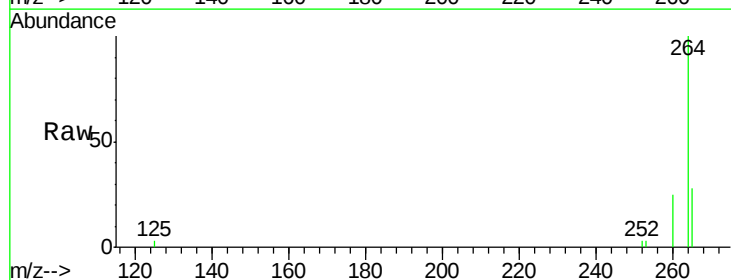
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

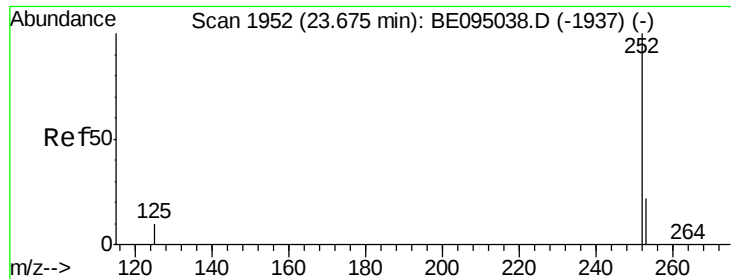
Tot Ion:276 Resp: 23995
 Ion Ratio Lower Upper
 276 100
 138 26.6 22.5 33.7
 277 24.4 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.50 min Scan# 2133
 Delta R.T. -0.05 min
 Lab File: BE095040.D
 Acq: 22 Dec 2017 11:38

Tgt Ion:264 Resp: 17992
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.5 30.7
 265 28.4 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.383 ng

RT: 23.67 min Scan# 1951

Delta R.T. -0.05 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

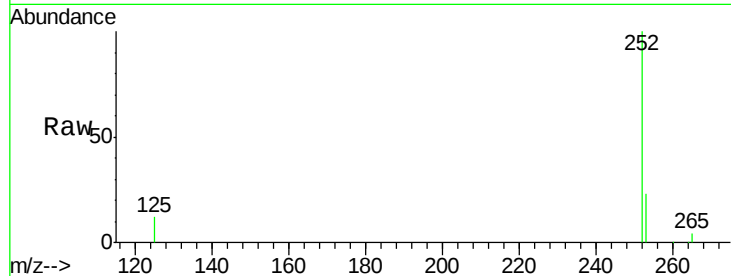
Tot Ion:252 Resp: 25281

Ion Ratio Lower Upper

252 100

253 23.2 20.0 30.0

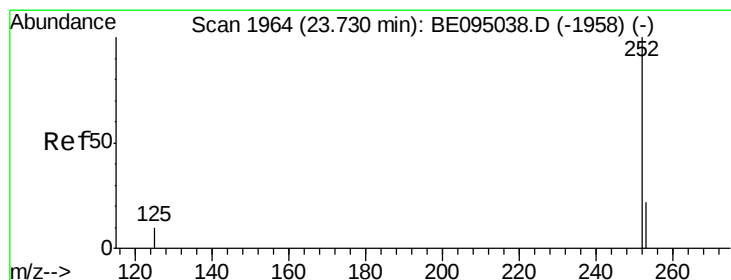
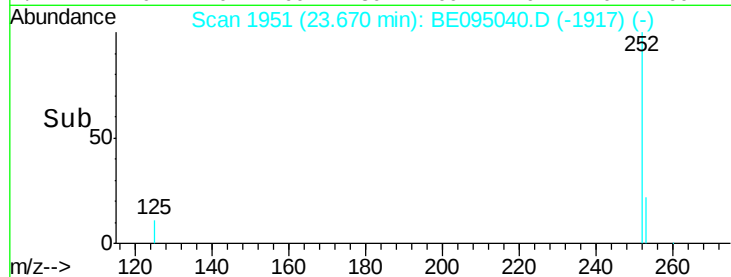
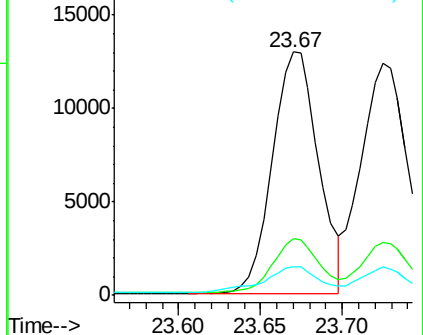
125 11.7 16.0 24.0#



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: 0.378 ng

RT: 23.67 min Scan# 1951

Delta R.T. -0.11 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

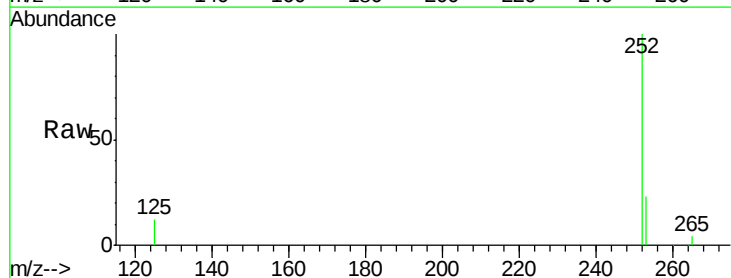
Tgt Ion:252 Resp: 25281

Ion Ratio Lower Upper

252 100

253 23.2 16.0 24.0

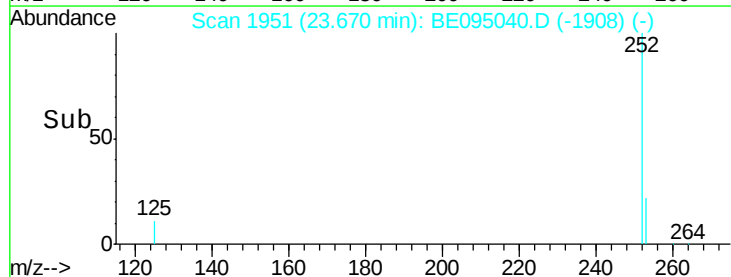
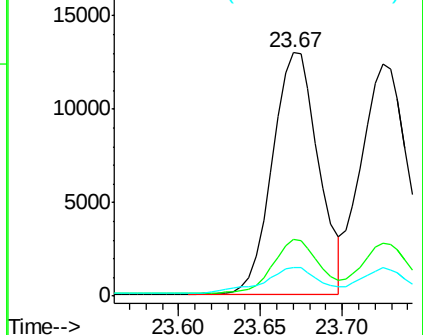
125 11.7 8.0 12.0

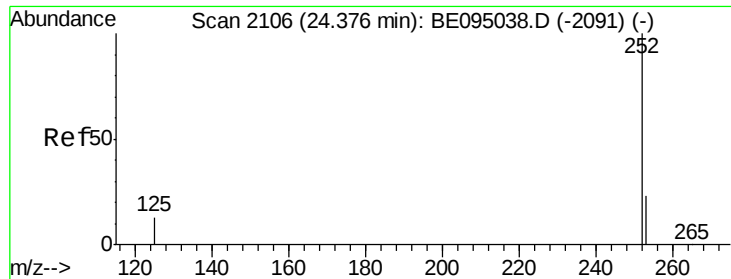


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.394 ng

RT: 24.38 min Scan# 2106

Delta R.T. -0.05 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

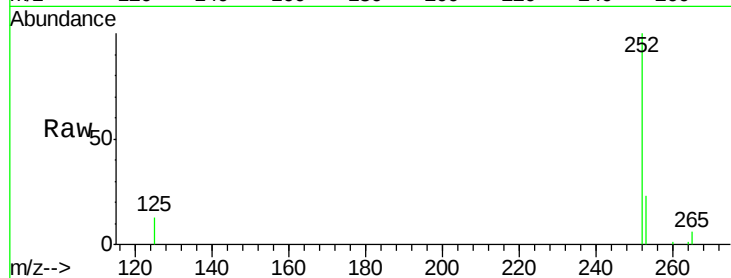
Tot Ion:252 Resp: 23103

Ion Ratio Lower Upper

252 100

253 23.0 16.0 24.0

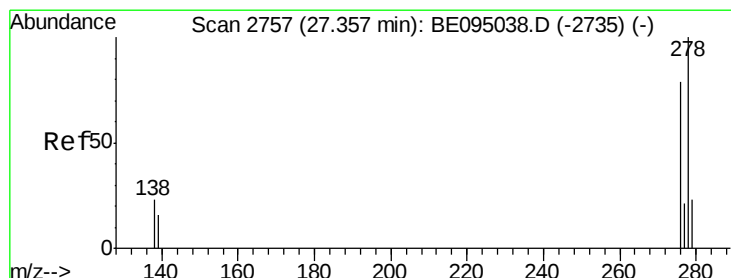
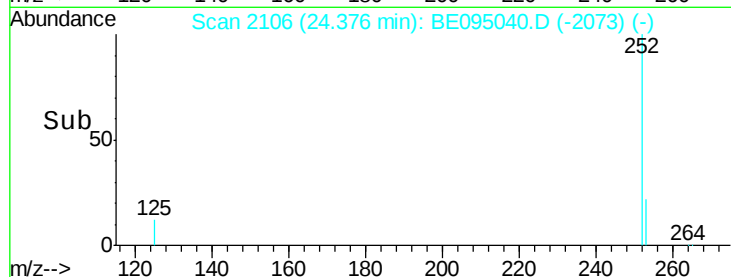
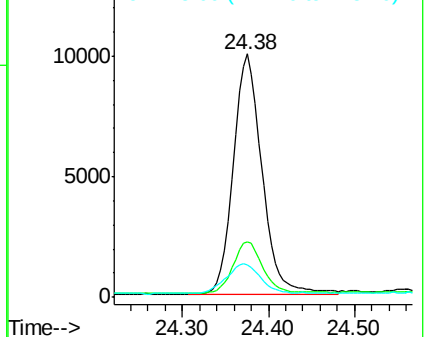
125 13.3 12.0 18.0



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: 0.354 ng

RT: 27.36 min Scan# 2757

Delta R.T. -0.08 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

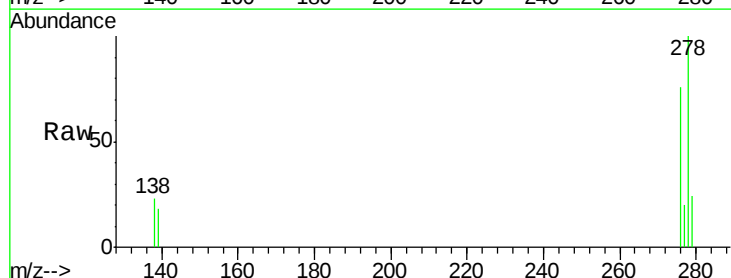
Tgt Ion:278 Resp: 19233

Ion Ratio Lower Upper

278 100

139 18.3 16.0 24.0

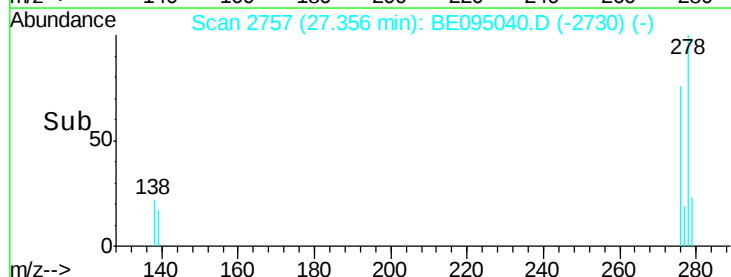
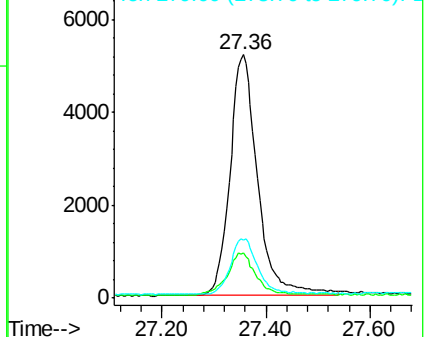
279 23.9 20.0 30.0

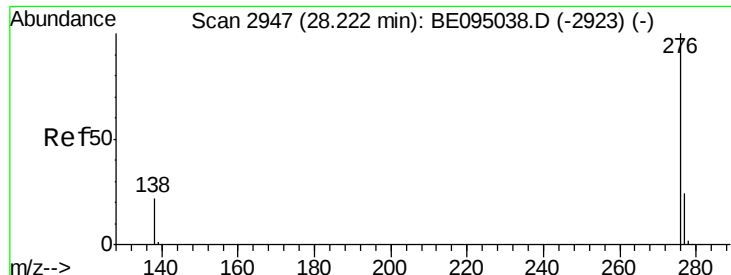


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.372 ng

RT: 28.20 min Scan# 2943

Delta R.T. -0.09 min

Lab File: BE095040.D

Acq: 22 Dec 2017 11:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

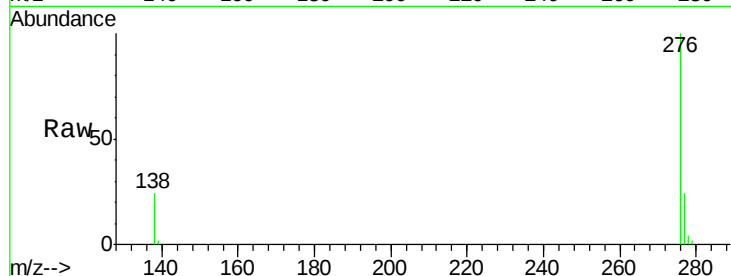
Tot Ion: 276 Resp: 20135

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 24.2 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

