

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
 Data File : BE095695.D
 Acq On : 26 Feb 2018 18:54
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 27 00:46:37 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	8.42	152	1416	0.40	ng	-0.01
7) Naphthalene-d8	11.28	136	5721	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3502	0.40	ng	0.00
19) Phenanthrene-d10	17.70	188	7892	0.40	ng	0.00
27) Chrysene-d12	21.79	240	8131	0.40	ng	0.00
34) Perylene-d12	24.42	264	7507	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1528	0.41	ng	0.00
5) Phenol-d6	7.55	99	2173	0.42	ng	0.00
8) Nitrobenzene-d5	9.61	82	2300	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3884	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	495	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	5881	0.38	ng	0.00
25) Fluoranthene-d10	19.69	212	39083	0.38	ng	0.00
29) Terphenyl-d14	20.25	244	6311	0.39	ng	0.00

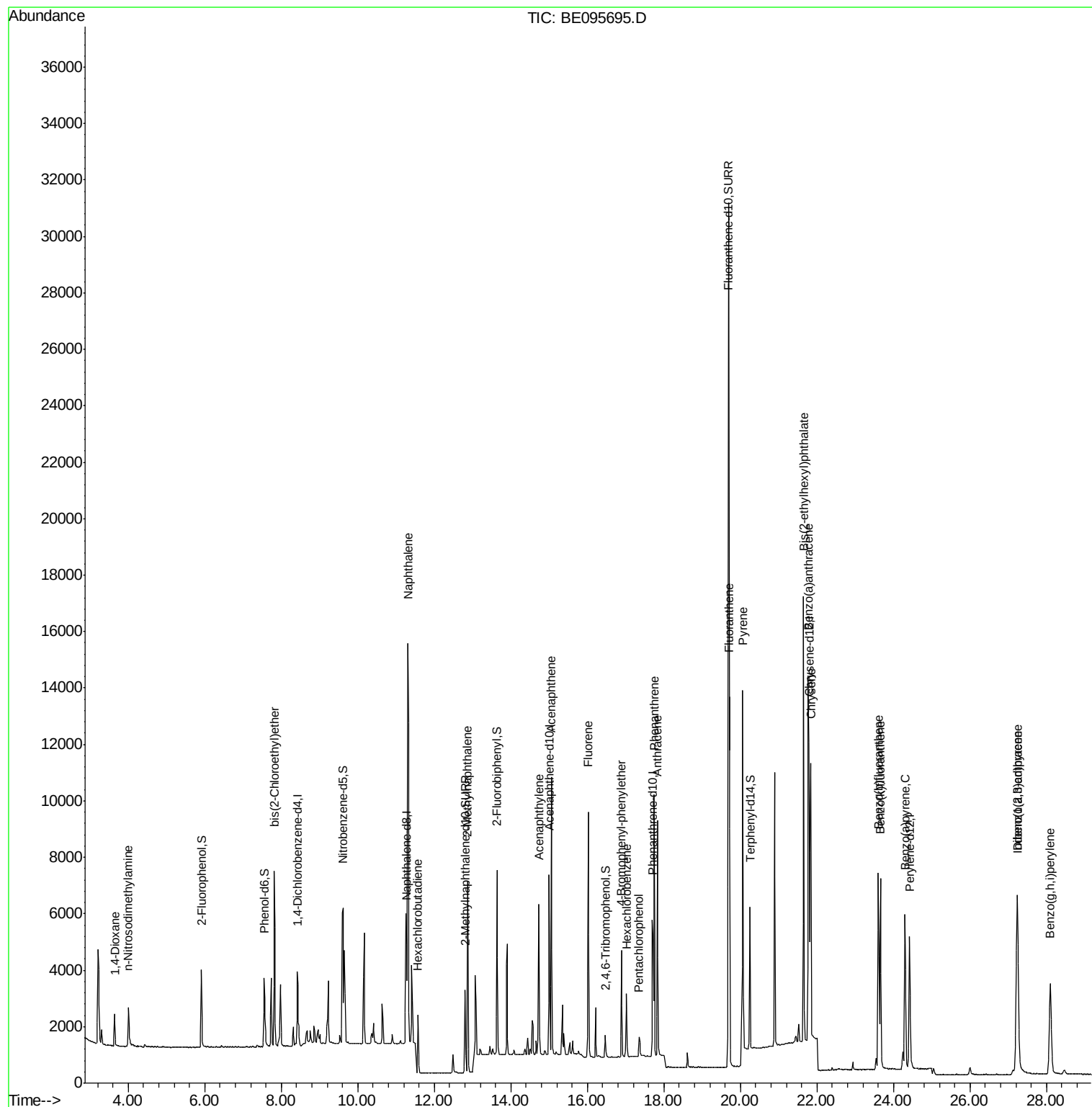
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	930	0.417	ng	# 92
3) n-Nitrosodimethylamine	3.99	42	1116	0.404	ng	# 84
6) bis(2-Chloroethyl)ether	7.82	93	2220	0.418	ng	92
9) Naphthalene	11.31	128	26598	0.403	ng	99
10) Hexachlorobutadiene	11.57	225	1566	0.407	ng	98
12) 2-Methylnaphthalene	12.88	142	4592	0.404	ng	100
16) Acenaphthylene	14.74	152	7284	0.370	ng	99
17) Acenaphthene	15.06	154	4704	0.381	ng	96
18) Fluorene	16.02	166	5820	0.380	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1895	0.383	ng	# 79
21) Hexachlorobenzene	17.03	284	1921	0.375	ng	# 83
22) Pentachlorophenol	17.36	266	449	0.417	ng	# 80
23) Phenanthrene	17.74	178	9472	0.384	ng	98
24) Anthracene	17.83	178	8557	0.378	ng	95
26) Fluoranthene	19.72	202	11398	0.376	ng	97
28) Pyrene	20.06	202	12914	0.388	ng	97
30) Benzo(a)anthracene	21.78	228	10308	0.389	ng	98
31) Chrysene	21.84	228	10079	0.382	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	18410	0.392	ng	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	10460	0.409	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	10111	0.378	ng	# 89
36) Benzo(k)fluoranthene	23.66	252	10117	0.380	ng	94
37) Benzo(a)pyrene	24.30	252	9377	0.389	ng	93
38) Dibenzo(a,h)anthracene	27.25	278	8413	0.392	ng	97
39) Benzo(g,h,i)perylene	28.10	276	8670	0.377	ng	# 91

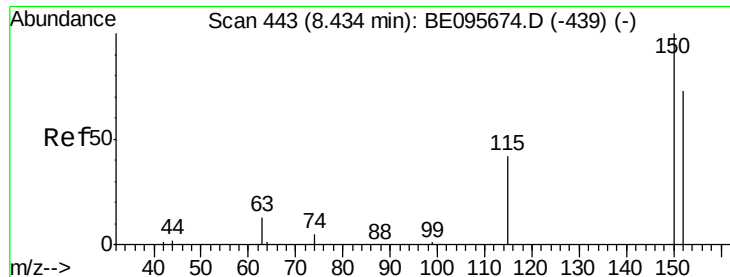
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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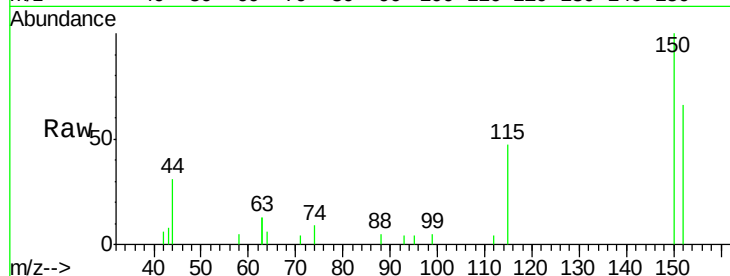


#1

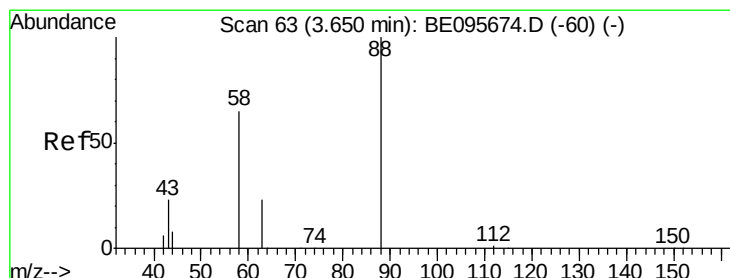
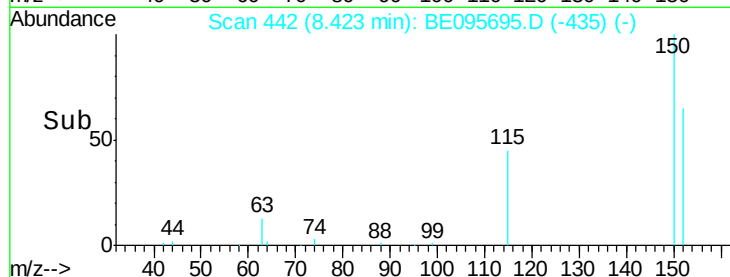
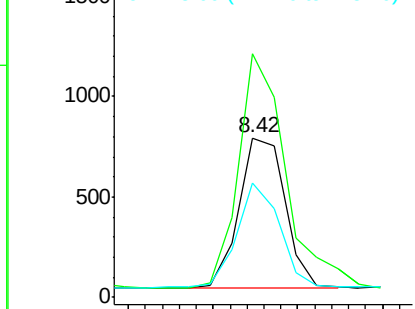
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095695.D
Acq: 26 Feb 2018 18:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1416
Ion Ratio Lower Upper
152 100
150 152.6 117.2 175.8
115 71.4 57.0 85.6



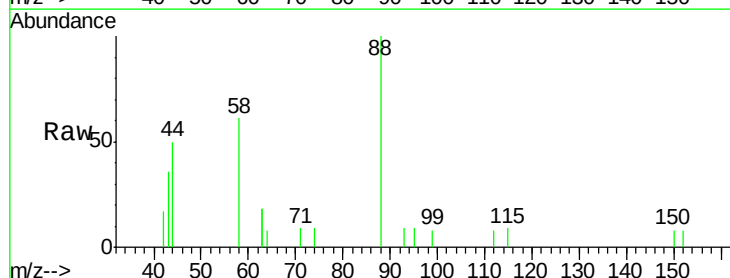
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



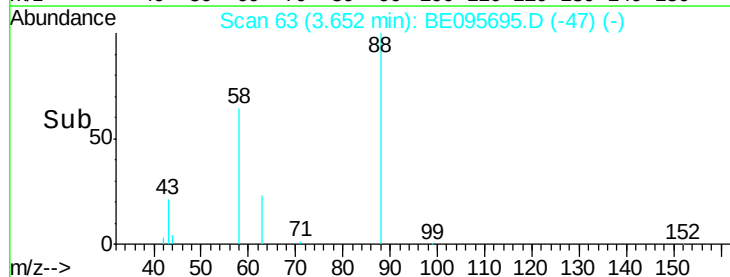
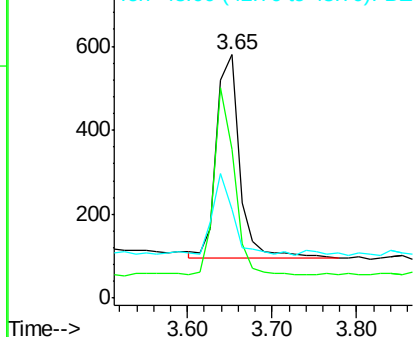
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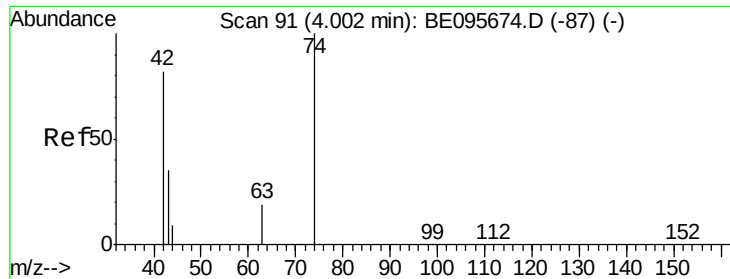
1,4-Dioxane
Concen: 0.417 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095695.D
Acq: 26 Feb 2018 18:54

Tgt Ion: 88 Resp: 930
Ion Ratio Lower Upper
88 100
58 78.6 63.2 94.8
43 38.6 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



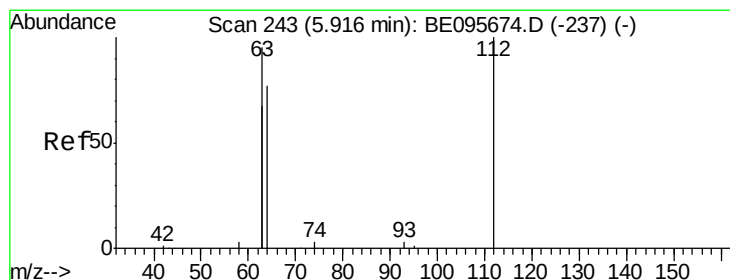
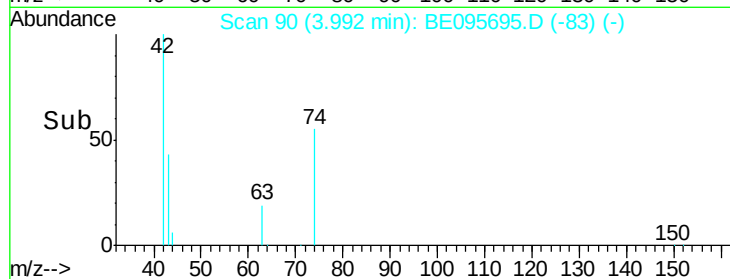
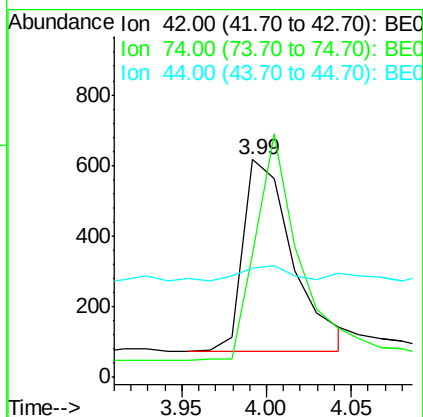
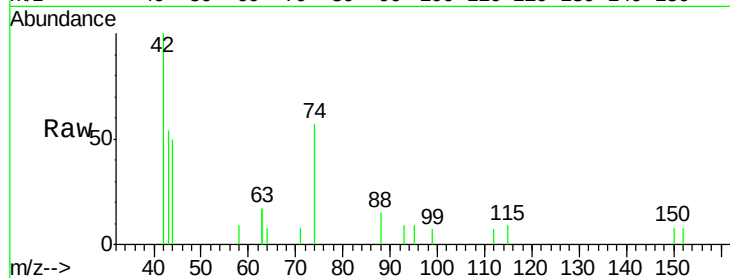


#3

n-Nitrosodimethylamine
 Concen: 0.404 ng
 RT: 3.99 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BE095695.D
 Acq: 26 Feb 2018 18:54

Instrument :
 BNA_E
 ClientSampled :

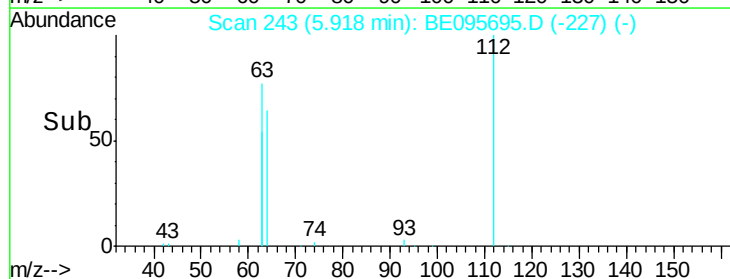
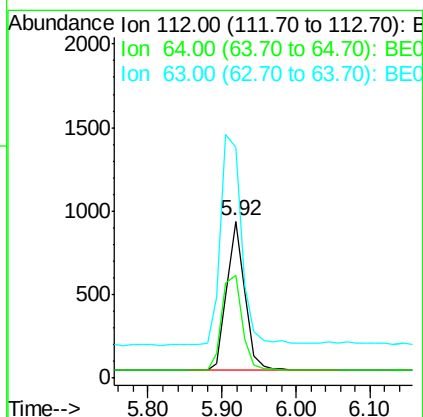
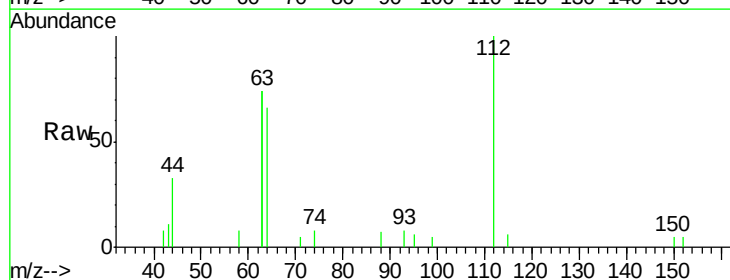
Tot Ion: 42 Resp: 1116
 Ion Ratio Lower Upper
 42 100
 74 102.2 96.0 144.0
 44 7.4 12.0 18.0#

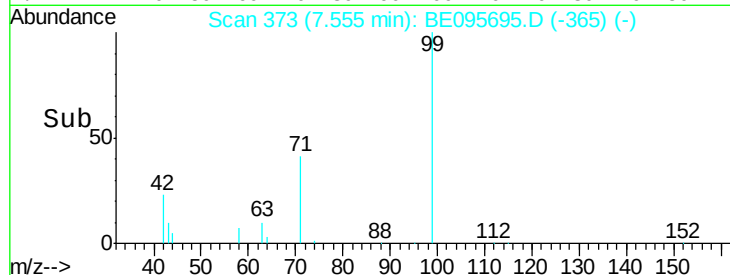
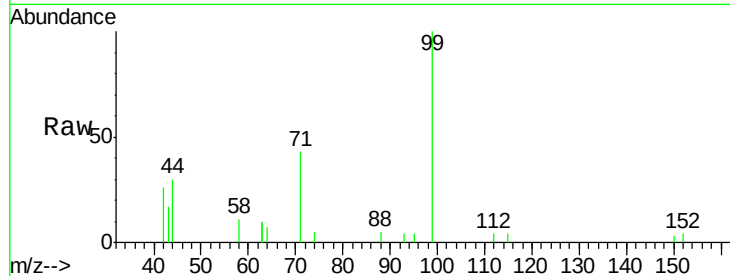
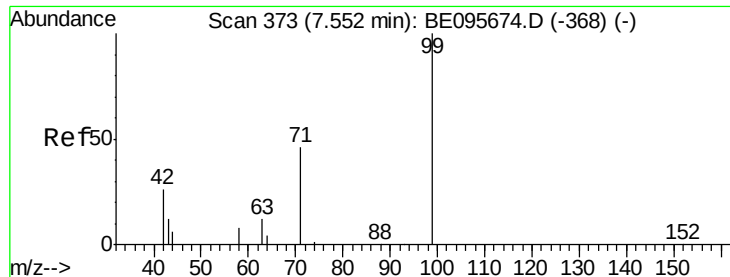


#4

2-Fluorophenol
 Concen: 0.409 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095695.D
 Acq: 26 Feb 2018 18:54

Tgt Ion: 112 Resp: 1528
 Ion Ratio Lower Upper
 112 100
 64 73.5 60.1 90.1
 63 163.8 116.8 175.2





#5

Phenol-d6

Concen: 0.420 ng

RT: 7.55 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

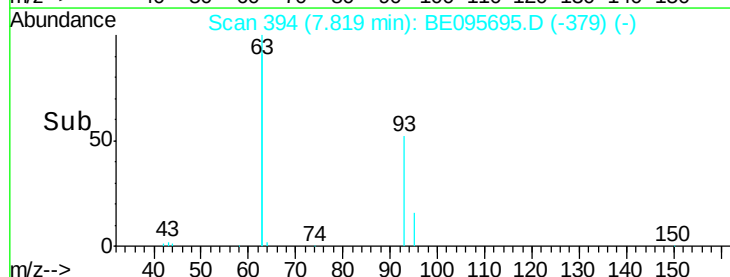
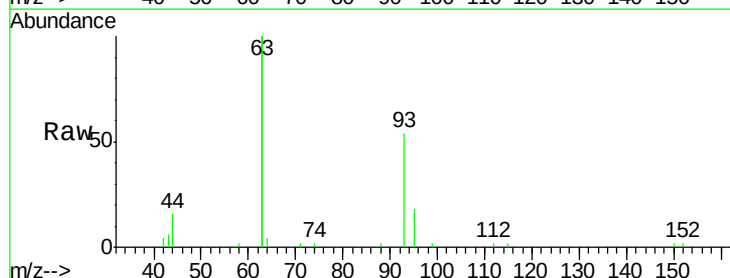
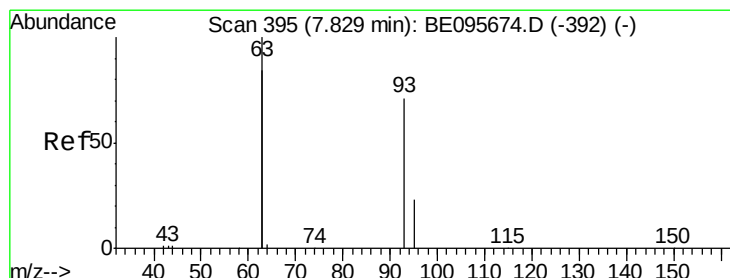
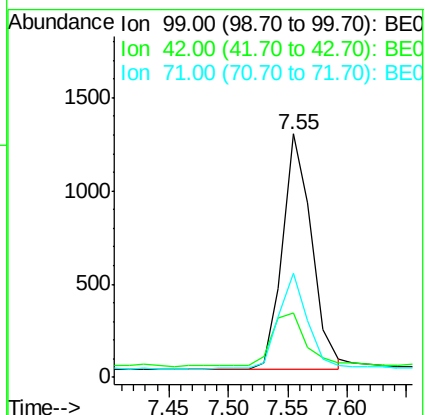
Tot Ion: 99 Resp: 2173

Ion Ratio Lower Upper

99 100

42 26.1 20.2 30.2

71 40.0 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.418 ng

RT: 7.82 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

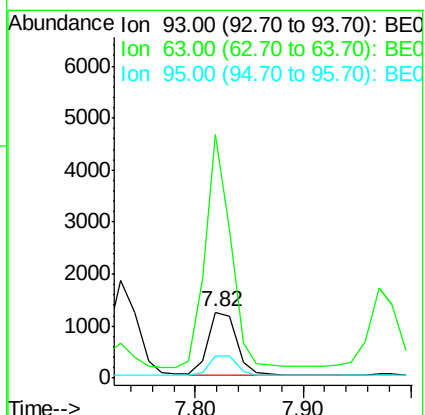
Tgt Ion: 93 Resp: 2220

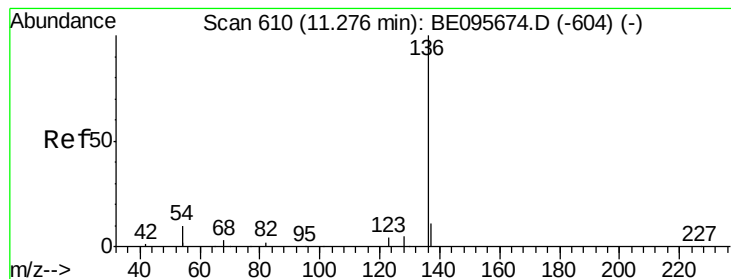
Ion Ratio Lower Upper

93 100

63 325.0 275.3 412.9

95 32.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5721

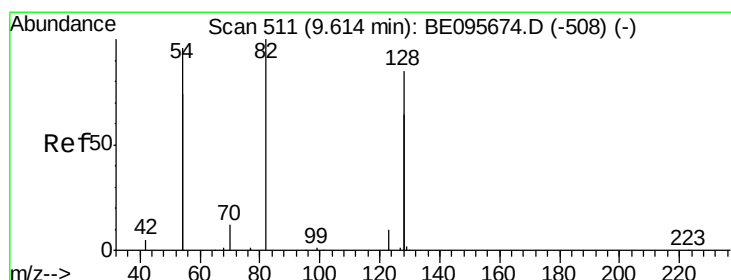
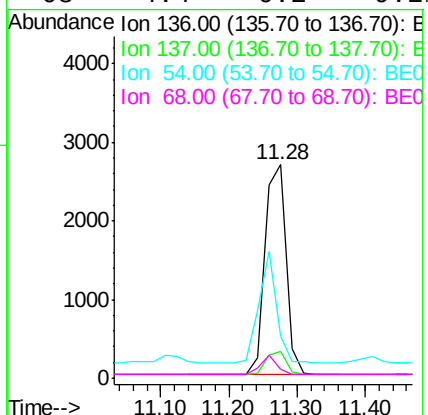
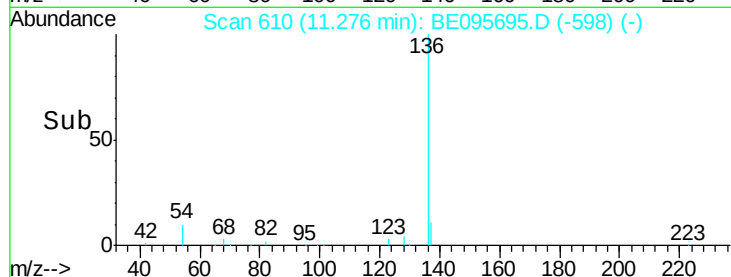
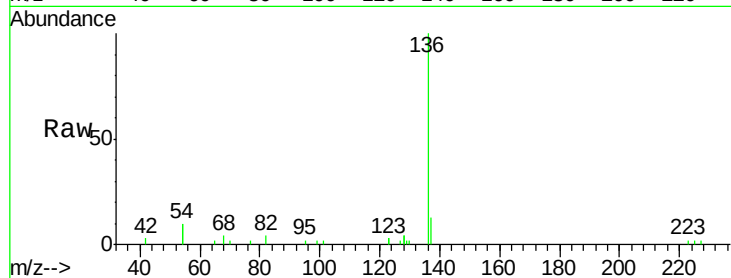
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 19.9 29.1 43.7#

68 4.4 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.390 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

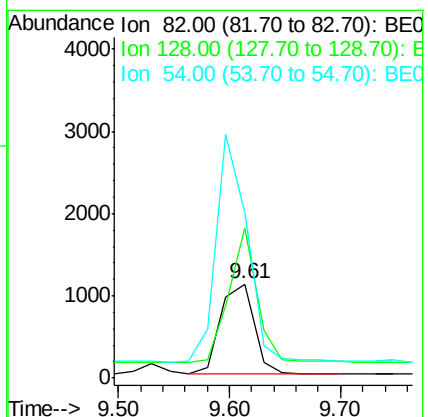
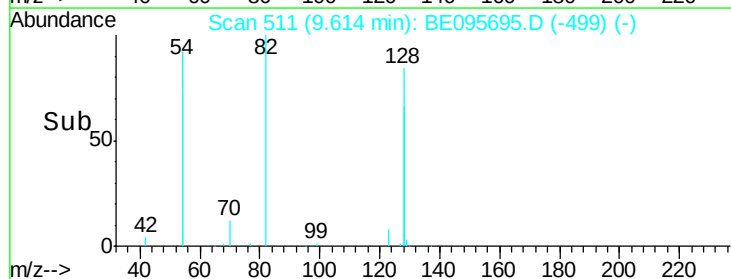
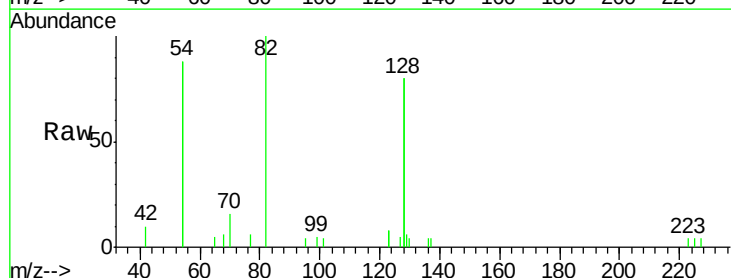
Tgt Ion: 82 Resp: 2300

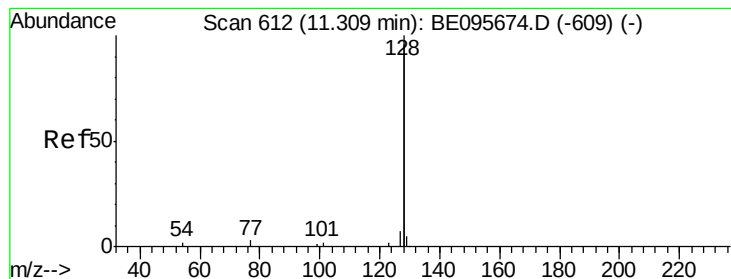
Ion Ratio Lower Upper

82 100

128 159.9 150.0 225.0

54 176.3 154.2 231.4





#9

Naphthalene

Concen: 0.403 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

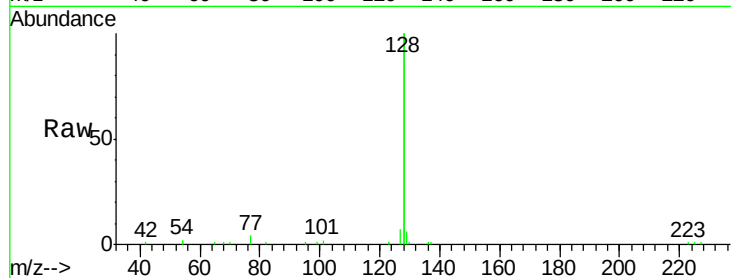
Tot Ion:128 Resp: 26598

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

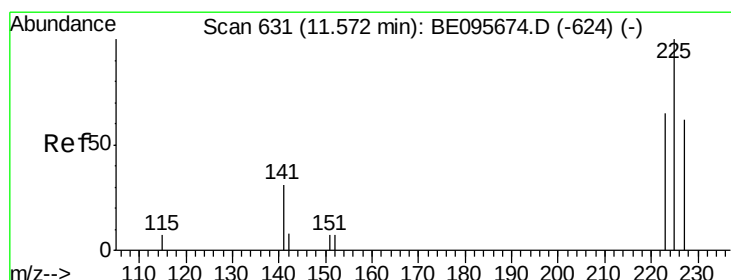
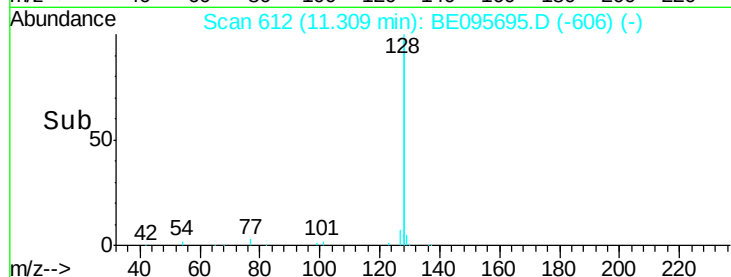
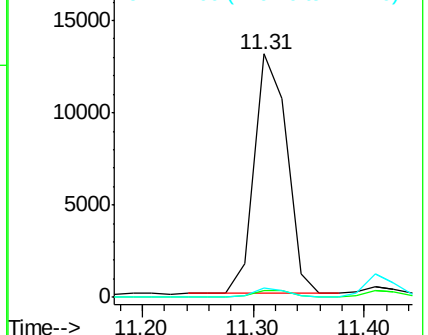
127 3.7 2.8 4.2



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: 0.407 ng

RT: 11.57 min Scan# 631

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

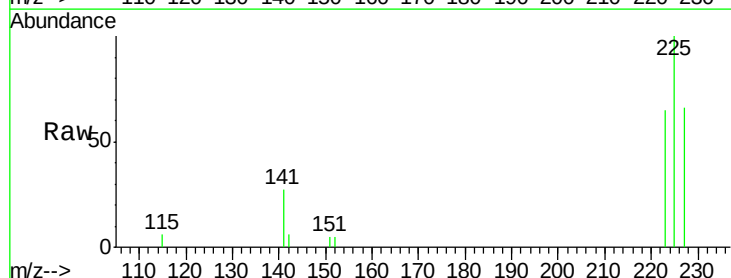
Tgt Ion:225 Resp: 1566

Ion Ratio Lower Upper

225 100

223 64.0 53.0 79.6

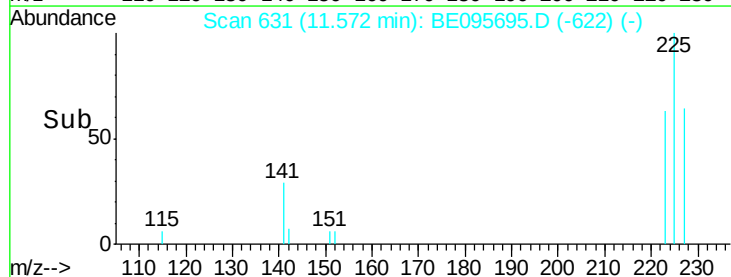
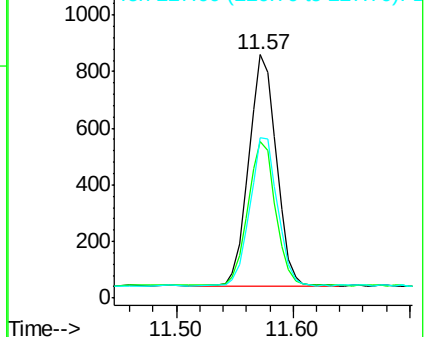
227 65.8 51.4 77.2

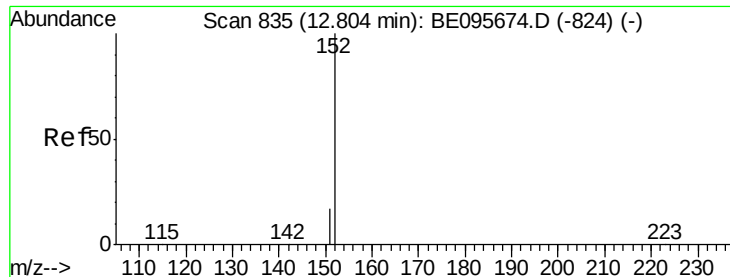


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

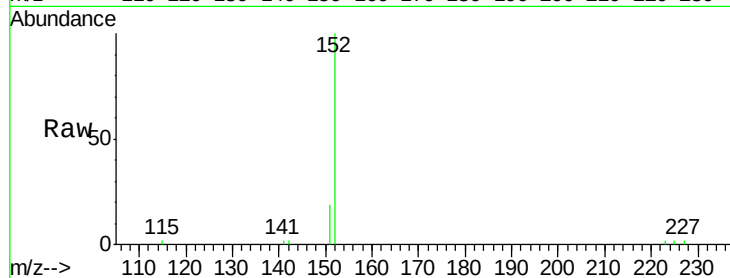
ClientSampleId :

Tot Ion:152 Resp: 3884

Ion Ratio Lower Upper

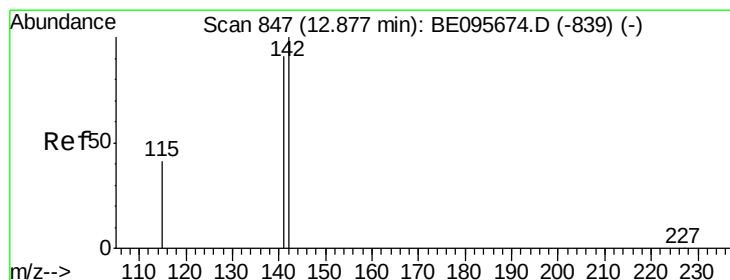
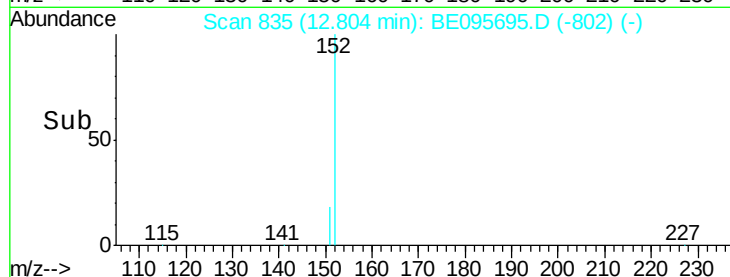
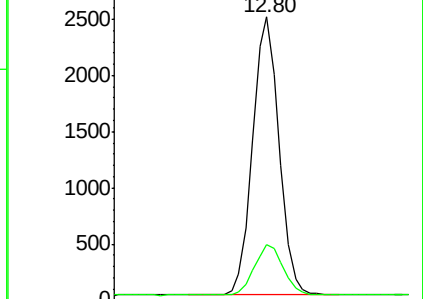
152 100

151 19.7 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: 0.404 ng

RT: 12.88 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

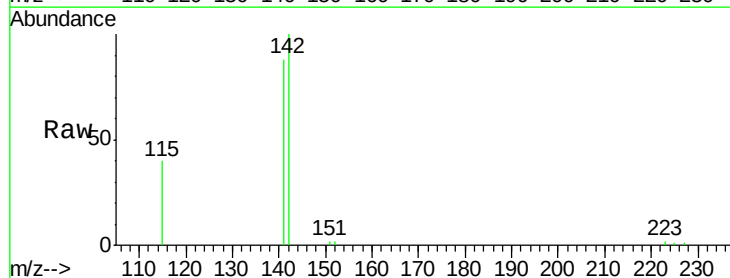
Tgt Ion:142 Resp: 4592

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

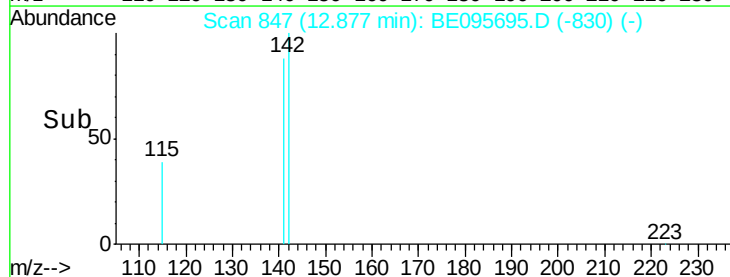
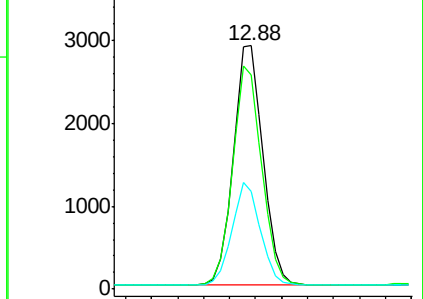
115 40.1 31.7 47.5

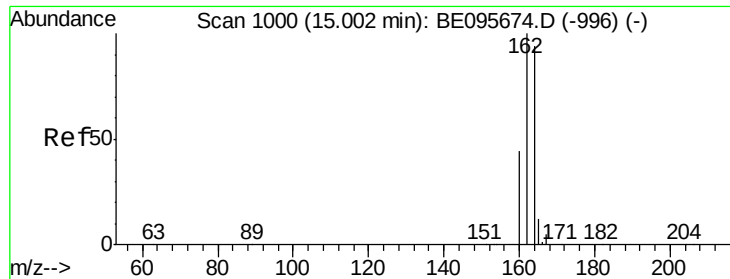


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

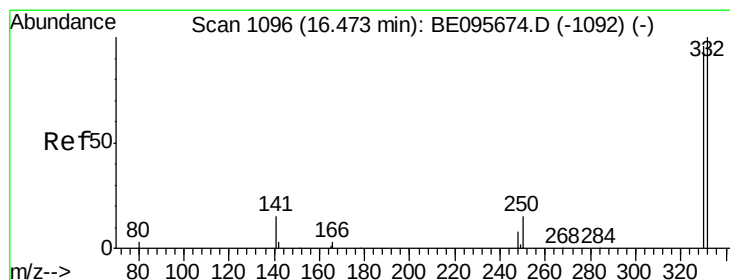
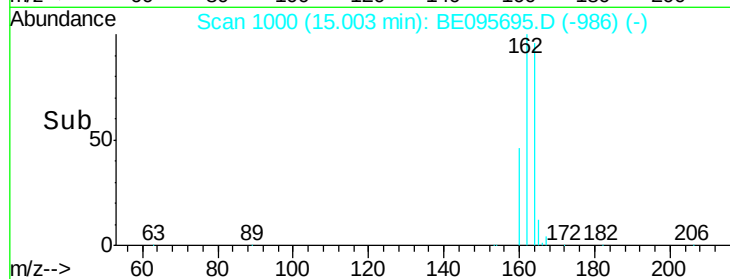
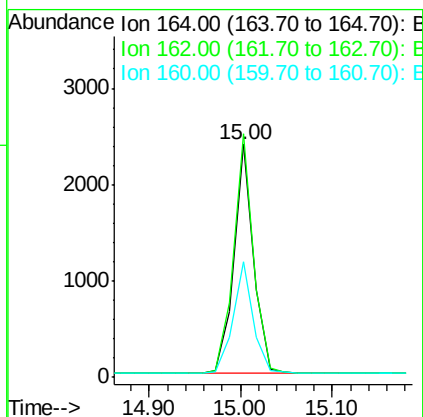
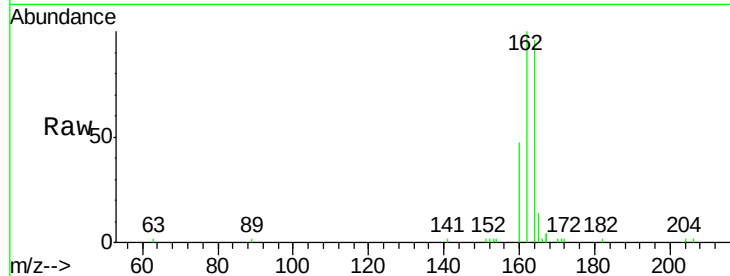




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BE095695.D
 Acq: 26 Feb 2018 18:54

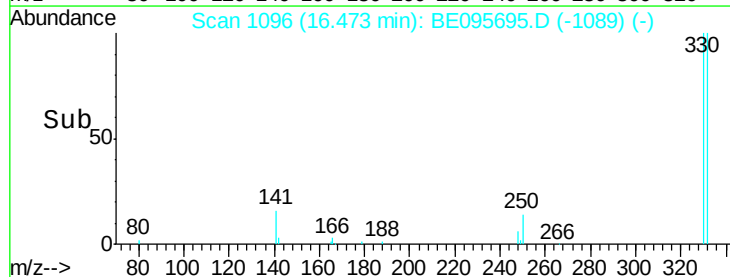
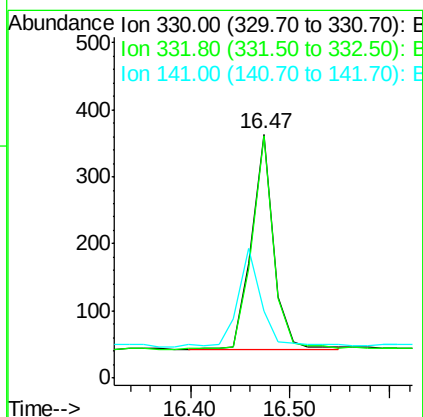
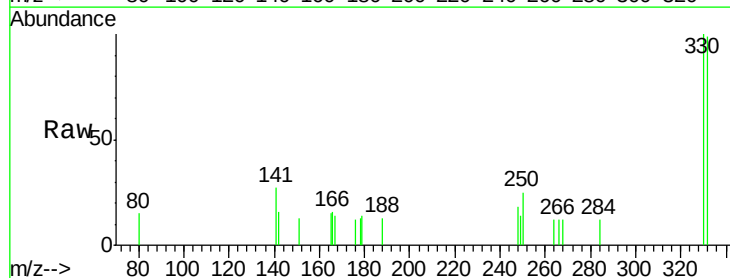
Instrument :
 BNA_E
 ClientSampleId :

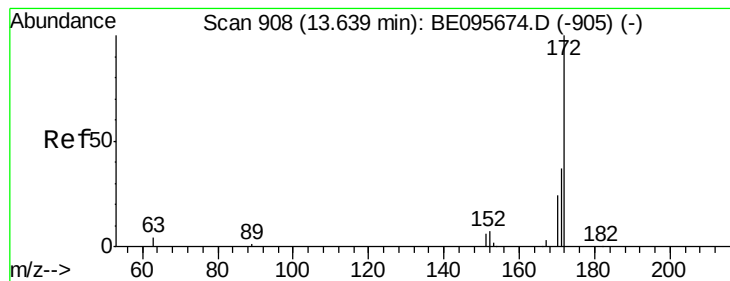
Tot Ion:164 Resp: 3502
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.1 124.7
 160 49.5 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.411 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095695.D
 Acq: 26 Feb 2018 18:54

Tgt Ion:330 Resp: 495
 Ion Ratio Lower Upper
 330 100
 332 96.4 152.7 229.1#
 141 46.5 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.376 ng

RT: 13.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

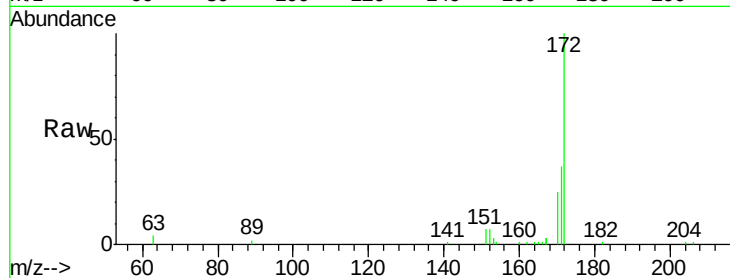
Tot Ion:172 Resp: 5881

Ion Ratio Lower Upper

172 100

171 36.7 29.9 44.9

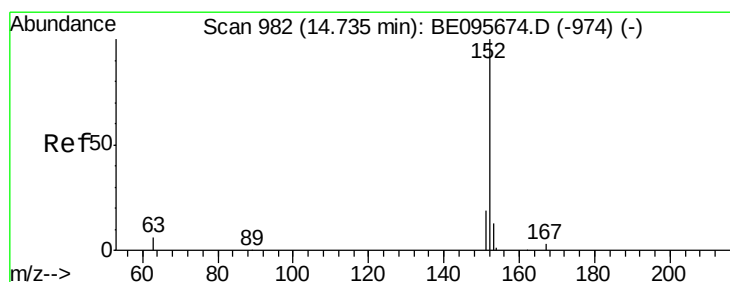
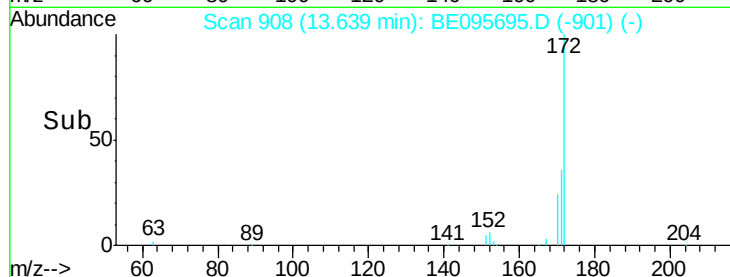
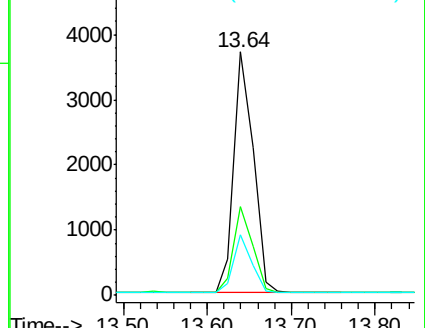
170 25.0 21.8 32.8



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: 0.370 ng

RT: 14.74 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

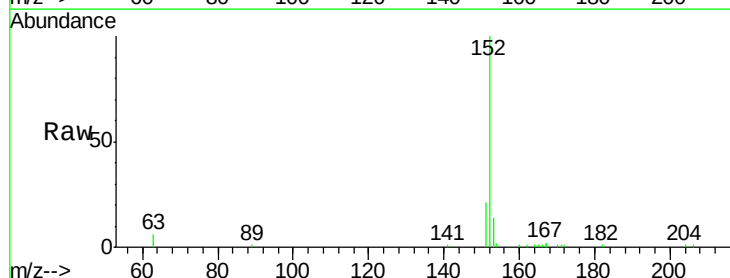
Tgt Ion:152 Resp: 7284

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

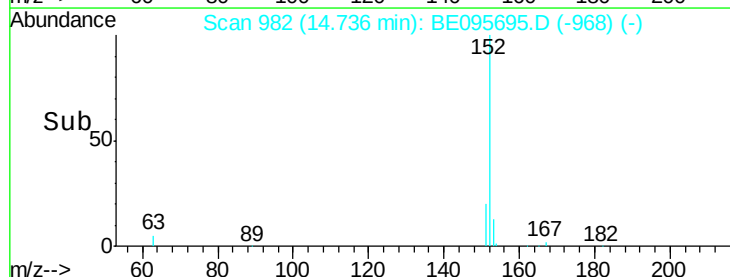
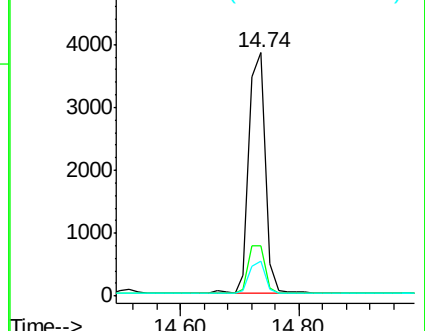
153 13.0 10.5 15.7

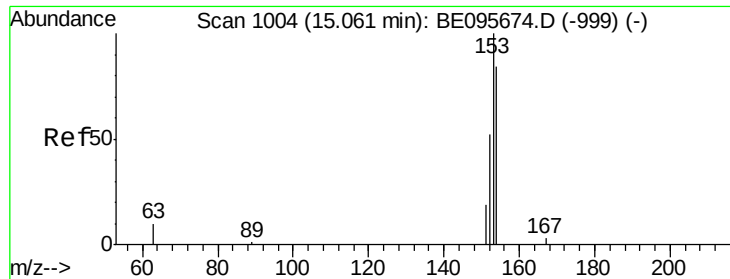


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.381 ng

RT: 15.06 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

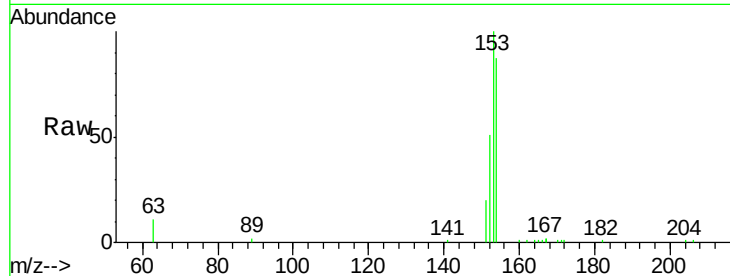
Tot Ion:154 Resp: 4704

Ion Ratio Lower Upper

154 100

153 114.3 89.2 133.8

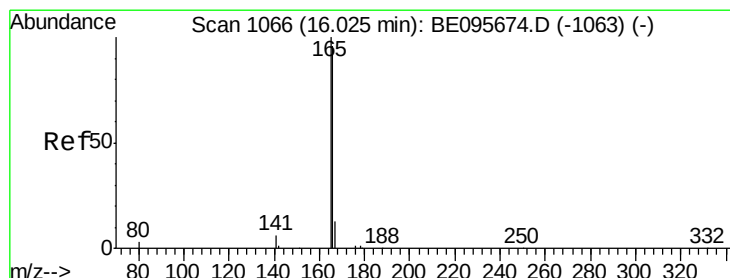
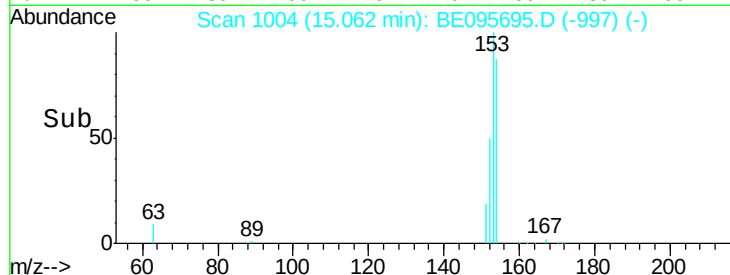
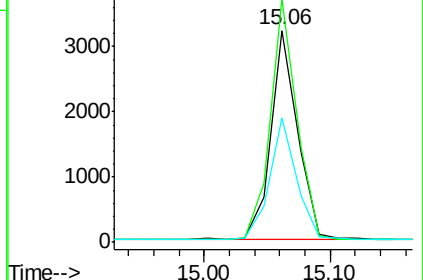
152 58.4 42.0 63.0



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: 0.380 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

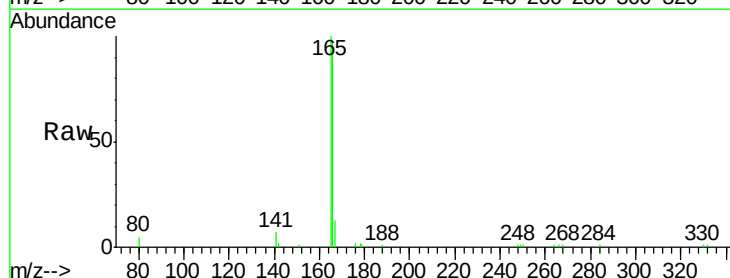
Tgt Ion:166 Resp: 5820

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.6

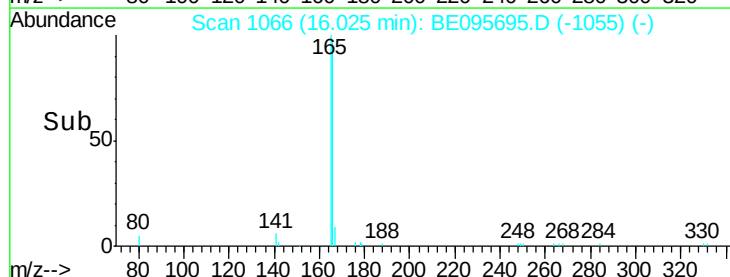
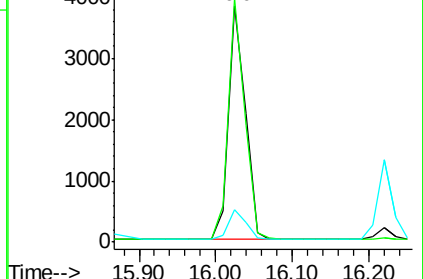
167 13.1 42.4 63.6#

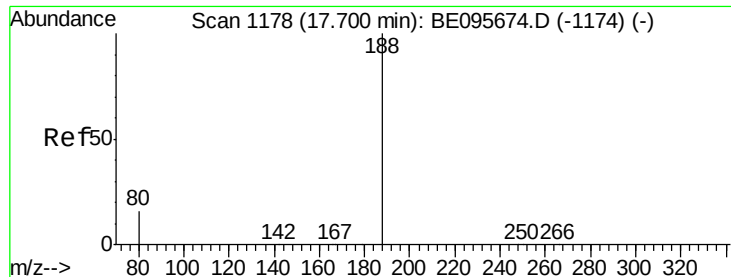


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.70 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampled :

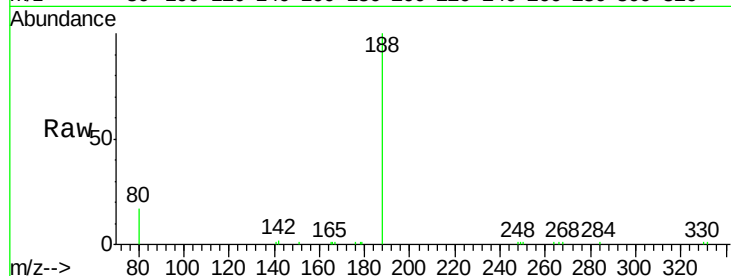
Tot Ion:188 Resp: 7892

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

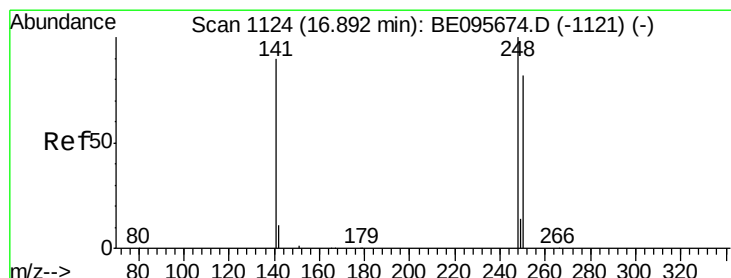
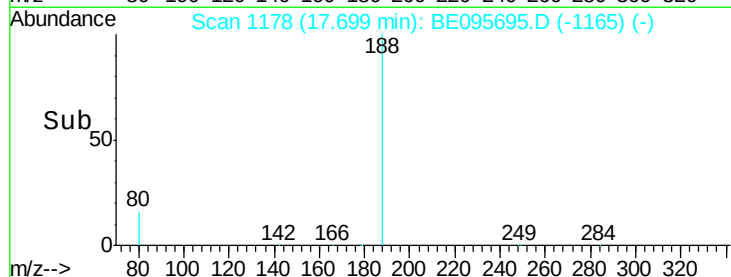
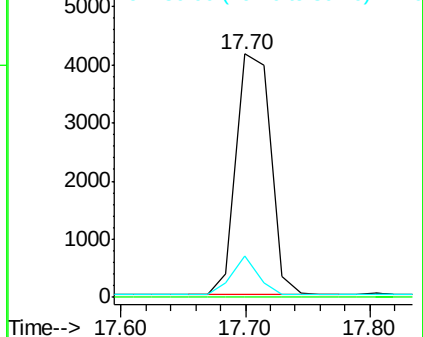
80 17.2 3.6 5.4#



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: 0.383 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

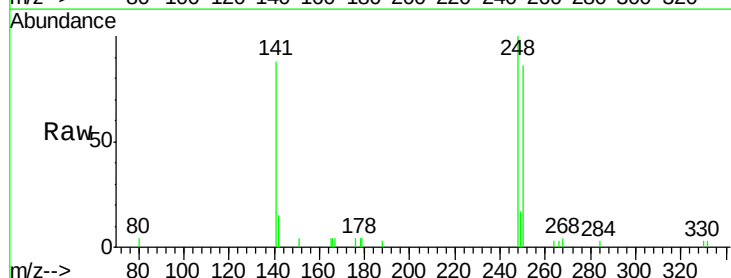
Tgt Ion:248 Resp: 1895

Ion Ratio Lower Upper

248 100

250 85.5 62.7 94.1

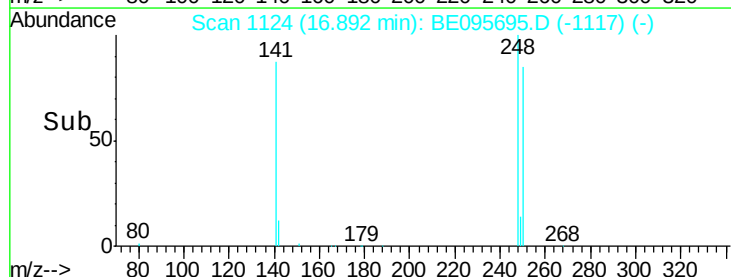
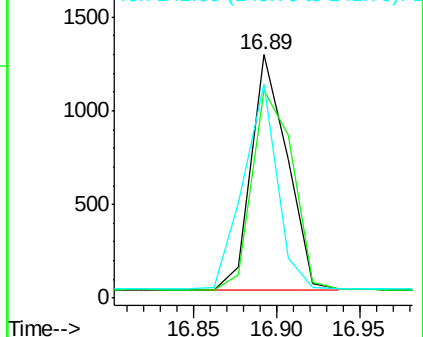
141 88.0 48.2 72.2#

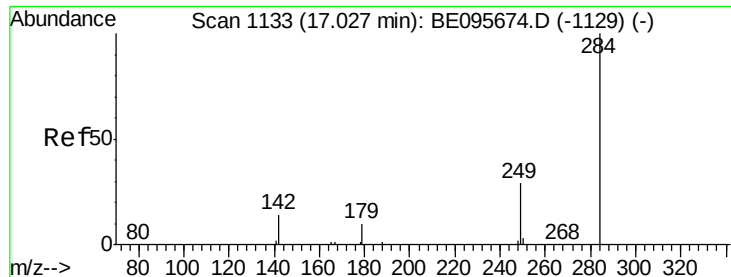


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.375 ng

RT: 17.03 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

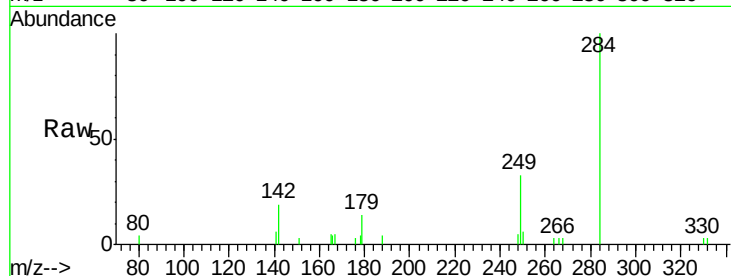
Tot Ion:284 Resp: 1921

Ion Ratio Lower Upper

284 100

142 39.1 22.1 33.1#

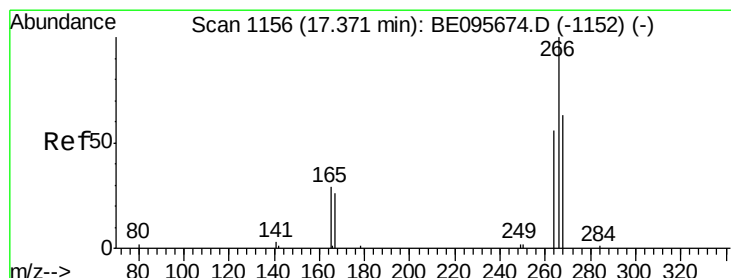
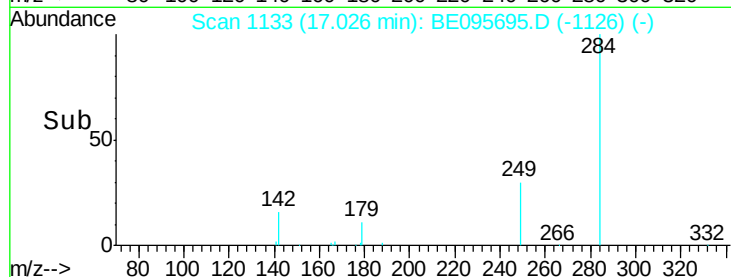
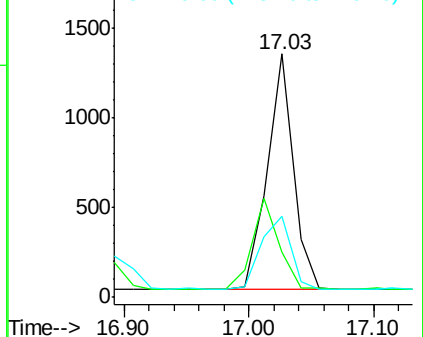
249 35.0 34.8 52.2



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: 0.417 ng

RT: 17.36 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

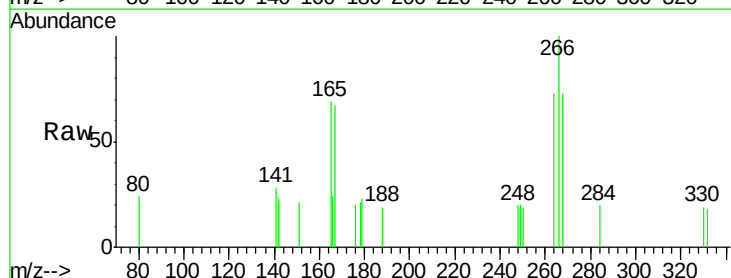
Tgt Ion:266 Resp: 449

Ion Ratio Lower Upper

266 100

264 73.1 72.5 108.7

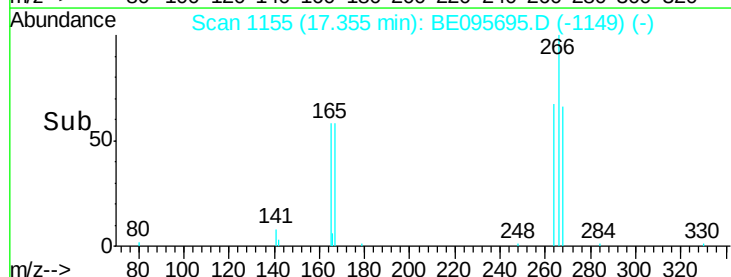
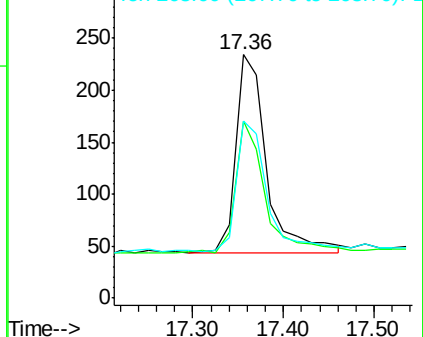
268 72.6 73.8 110.6#

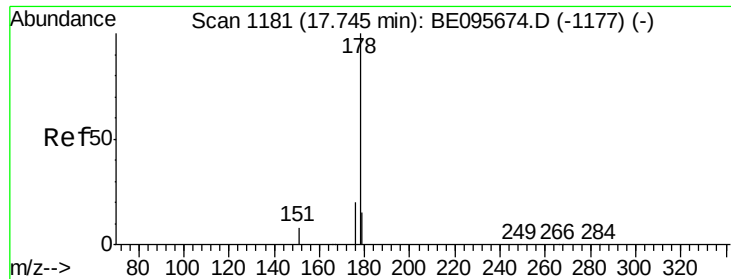


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

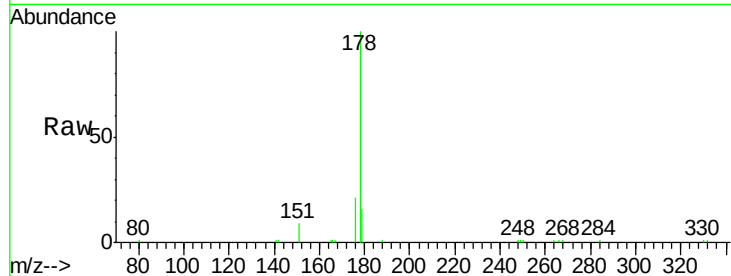
Tot Ion:178 Resp: 9472

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

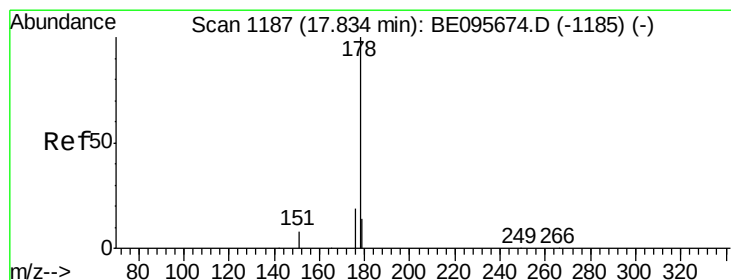
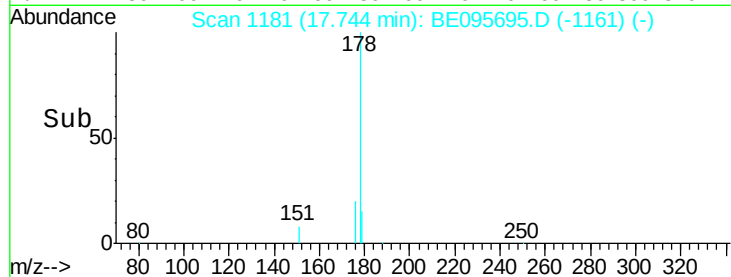
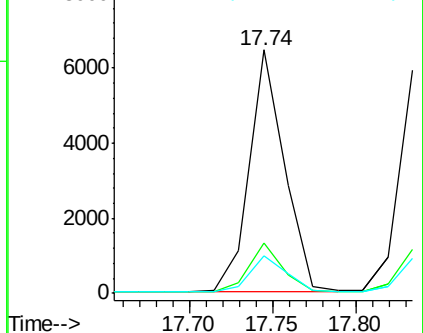
179 15.4 11.8 17.6



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: 0.378 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

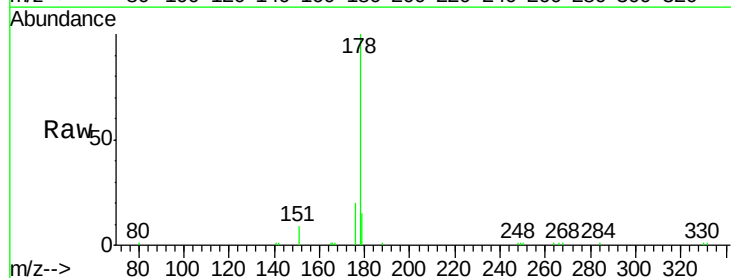
Tgt Ion:178 Resp: 8557

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

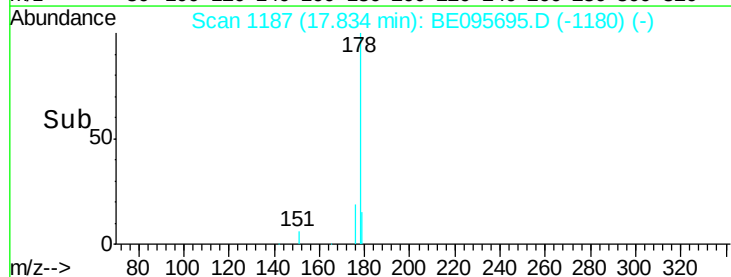
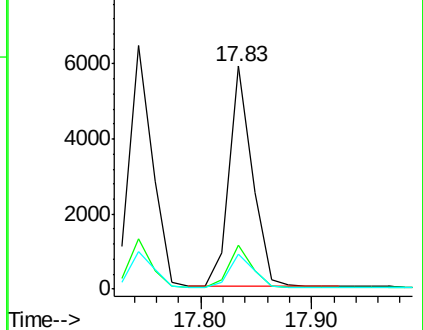
179 15.3 13.0 19.6

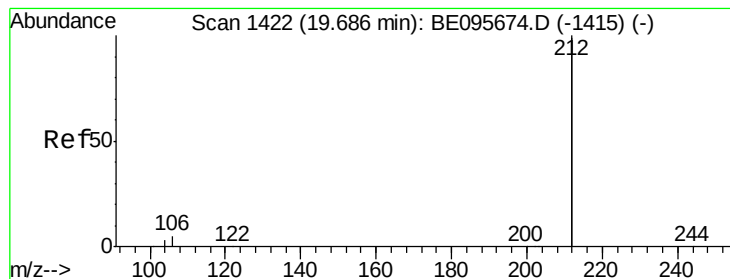


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

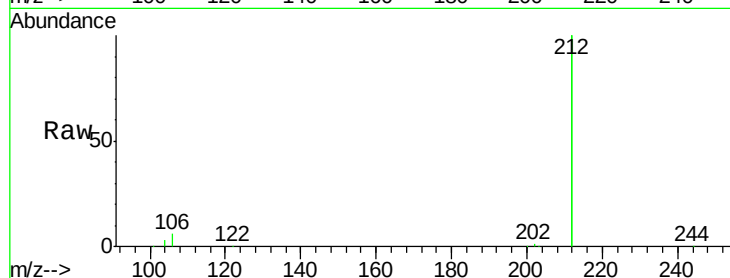
Tot Ion:212 Resp: 39083

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

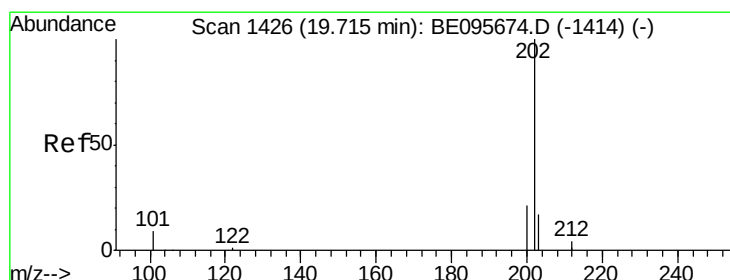
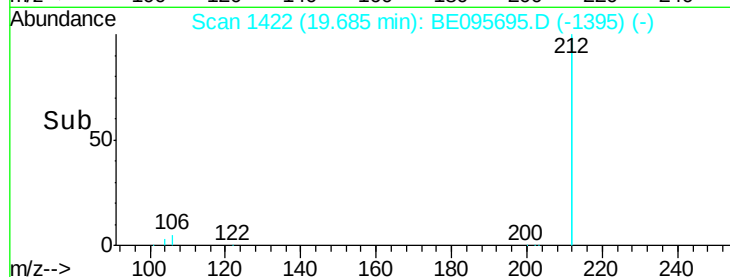
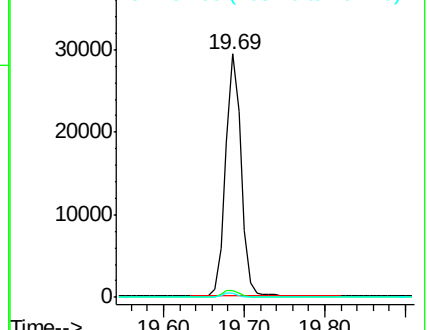
104 1.7 1.6 2.4



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: 0.376 ng

RT: 19.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

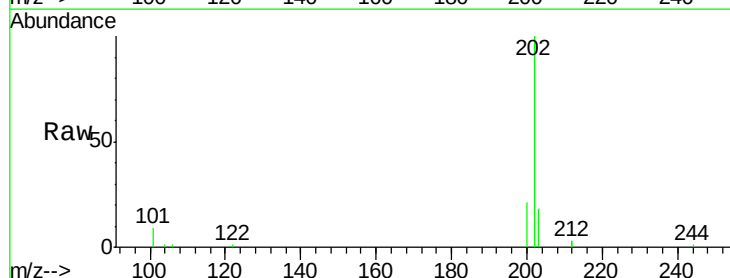
Tgt Ion:202 Resp: 11398

Ion Ratio Lower Upper

202 100

101 10.0 9.8 14.8

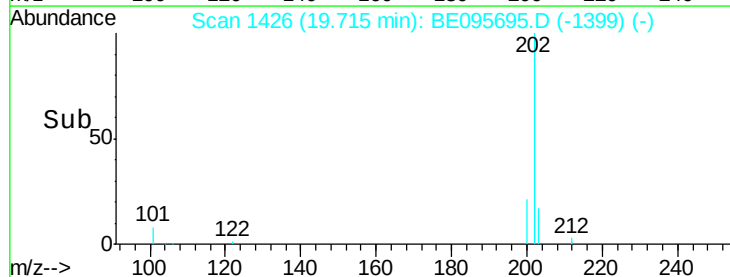
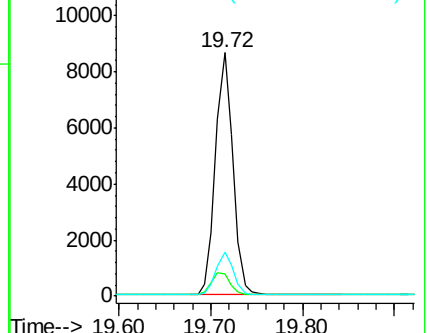
203 17.4 13.7 20.5

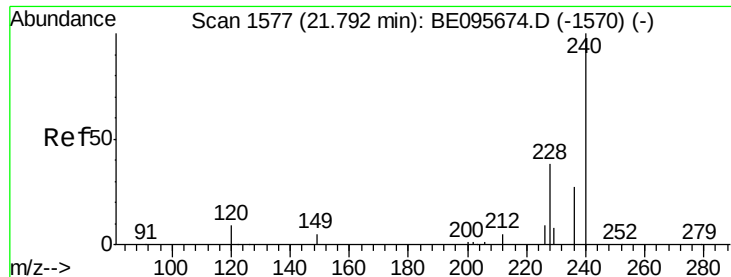


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

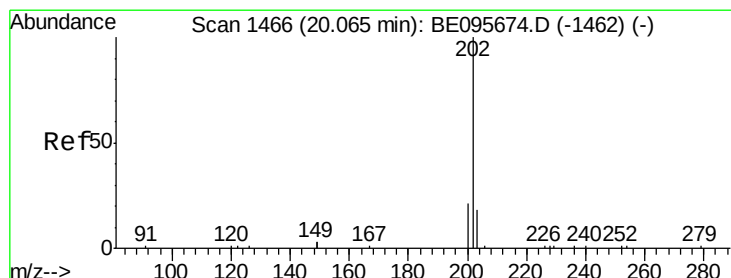
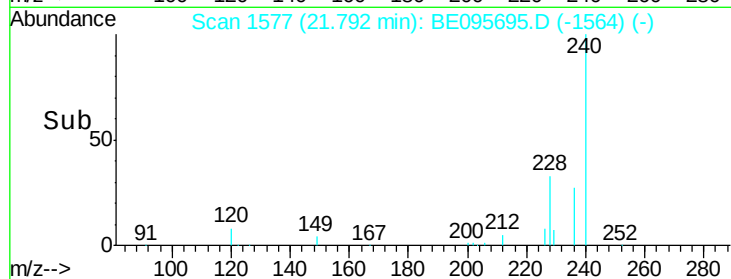
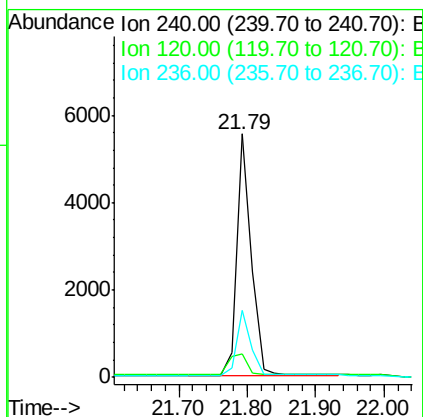
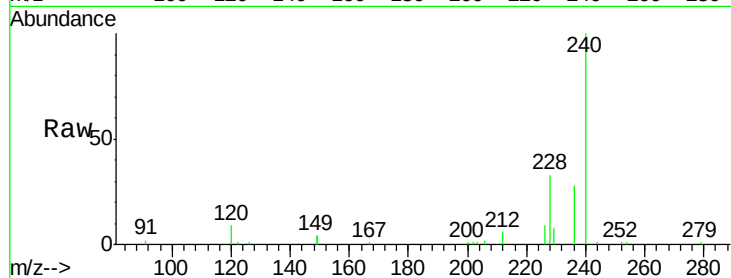




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BE095695.D
 Acq: 26 Feb 2018 18:54

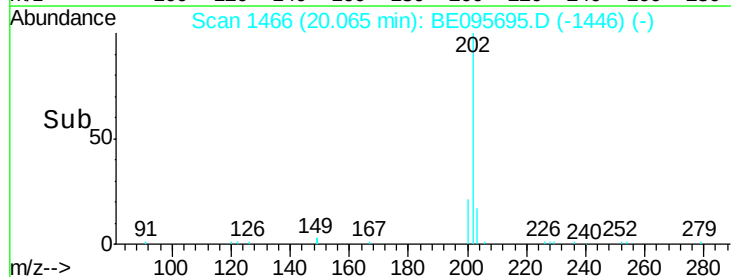
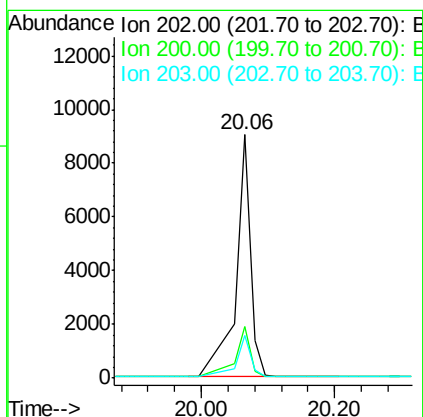
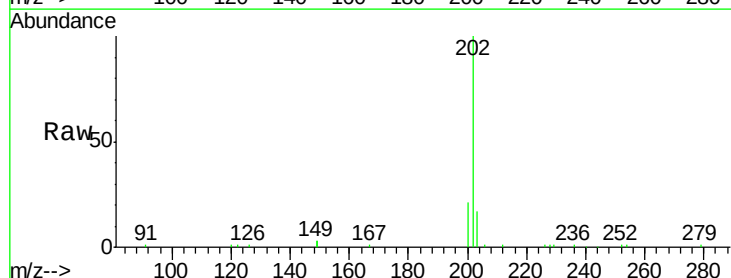
Instrument :
 BNA_E
 ClientSampleId :

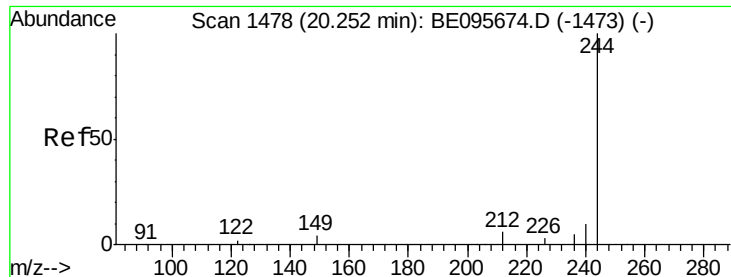
Tot Ion:240 Resp: 8131
 Ion Ratio Lower Upper
 240 100
 120 9.4 5.5 8.3#
 236 27.6 20.7 31.1



#28
 Pyrene
 Concen: 0.388 ng
 RT: 20.06 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BE095695.D
 Acq: 26 Feb 2018 18:54

Tgt Ion:202 Resp: 12914
 Ion Ratio Lower Upper
 202 100
 200 19.0 16.6 25.0
 203 16.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.389 ng

RT: 20.25 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

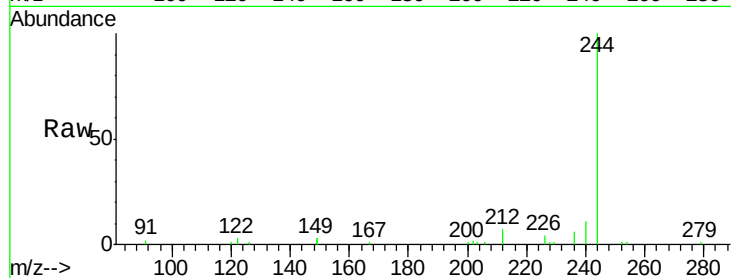
Tot Ion:244 Resp: 6311

Ion Ratio Lower Upper

244 100

212 6.5 25.4 38.0#

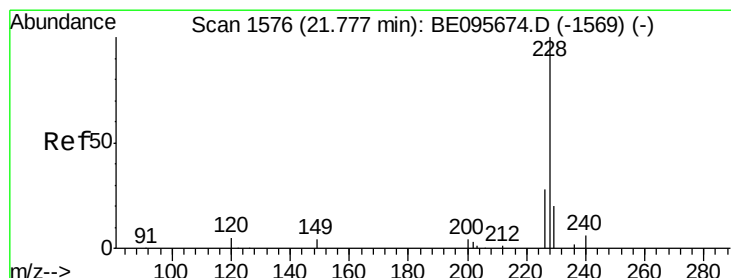
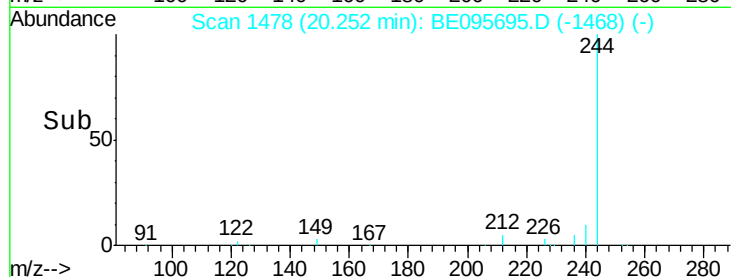
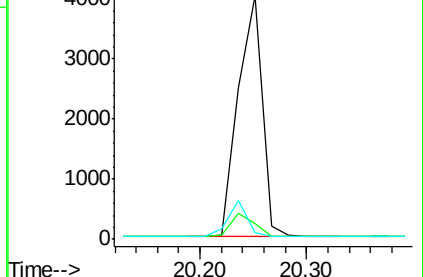
122 2.9 8.1 12.1#



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: 0.389 ng

RT: 21.78 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

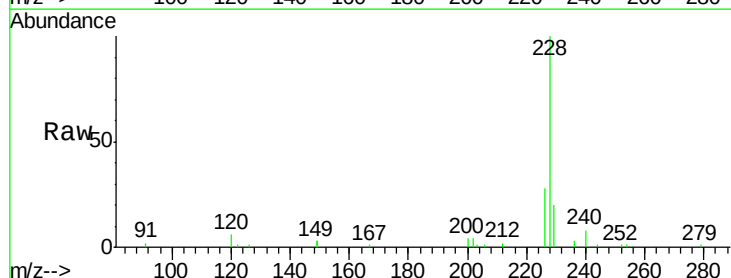
Tgt Ion:228 Resp: 10308

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

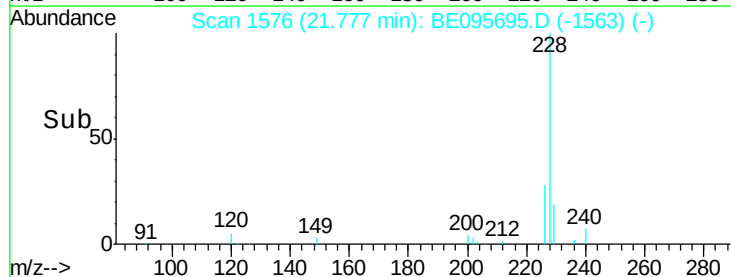
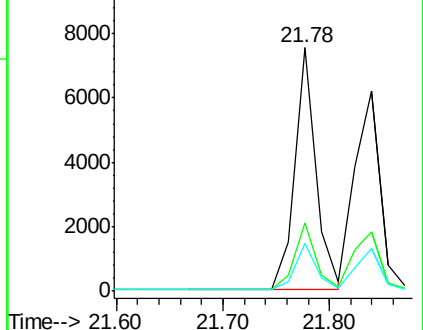
229 19.8 16.0 24.0

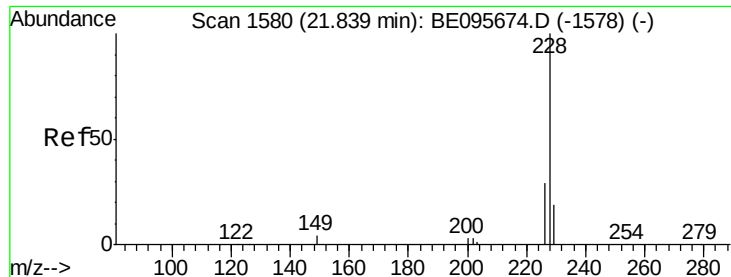


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.382 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

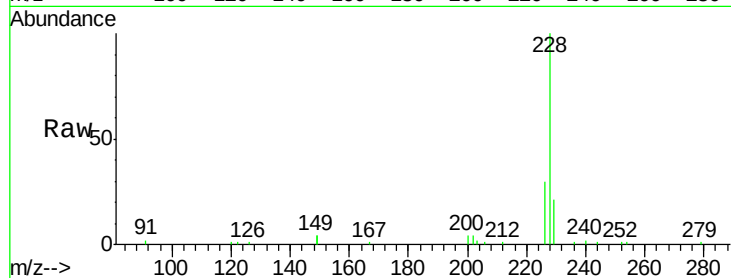
Tot Ion:228 Resp: 10079

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

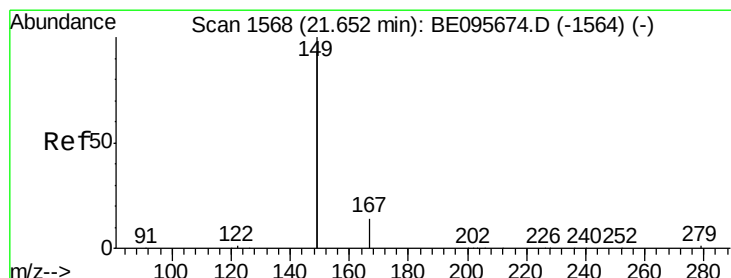
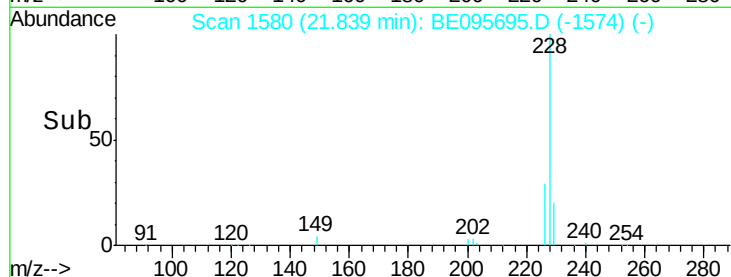
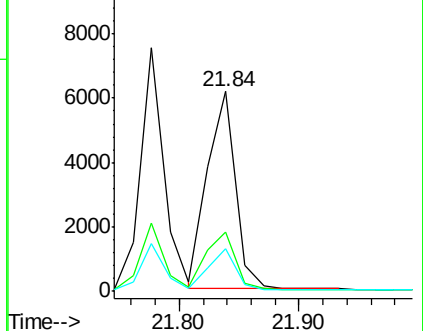
229 21.1 16.0 24.0



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: 0.392 ng

RT: 21.65 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

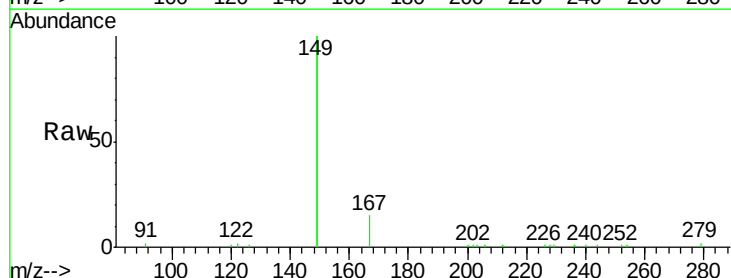
Tgt Ion:149 Resp: 18410

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

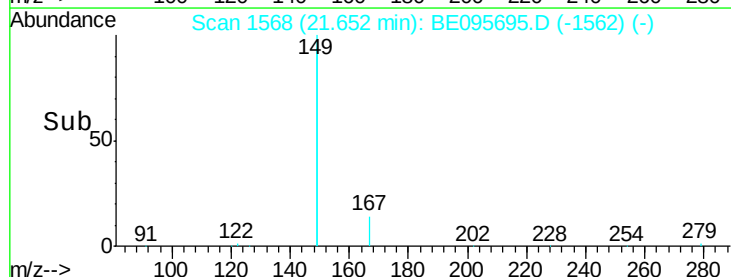
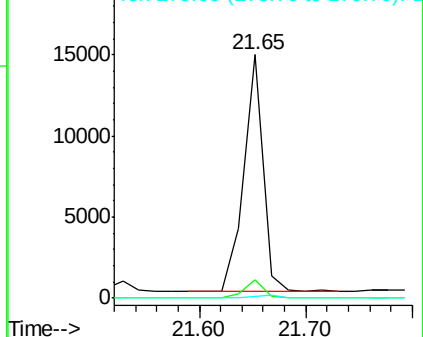
279 1.0 0.7 1.1

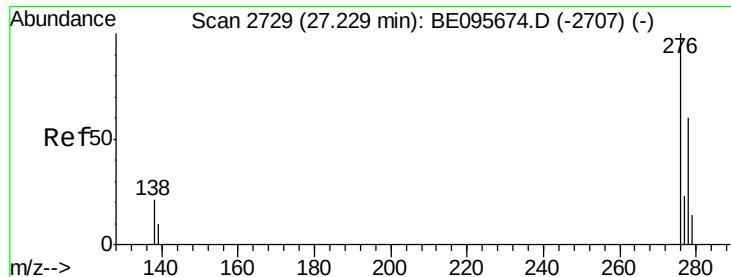


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

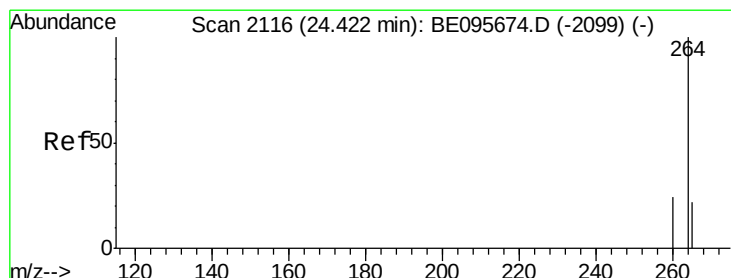
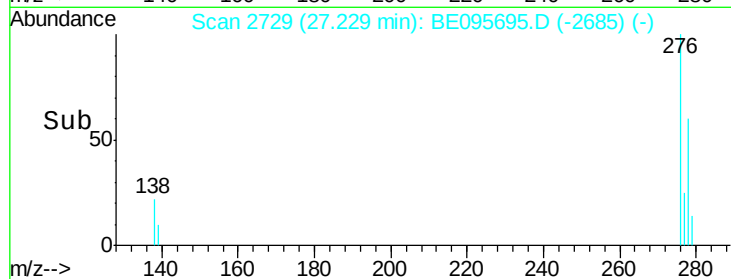
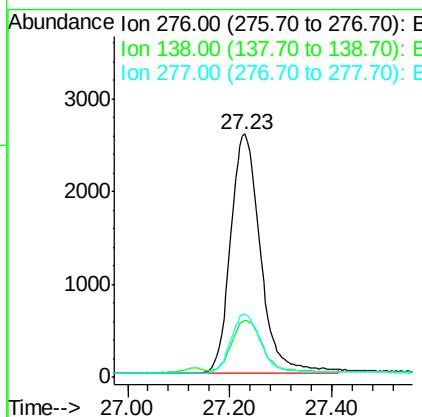
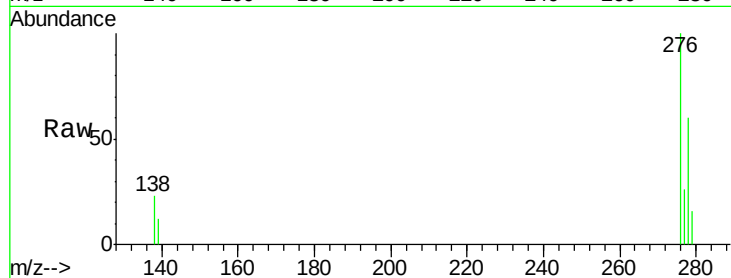




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.409 ng
 RT: 27.23 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BE095695.D
 Acq: 26 Feb 2018 18:54

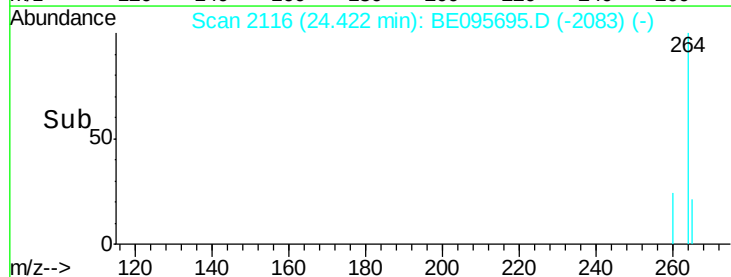
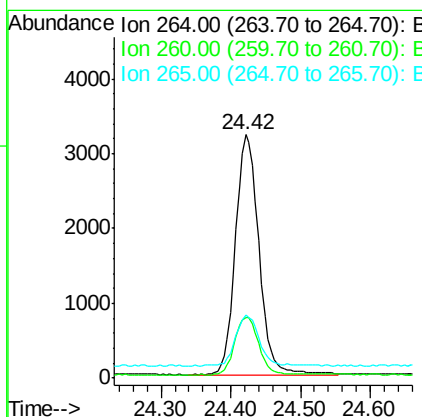
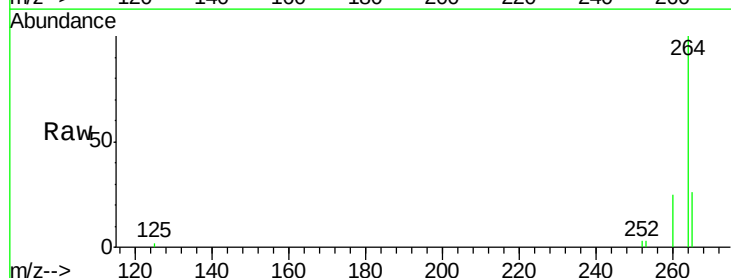
Instrument :
 BNA_E
 ClientSampleId :

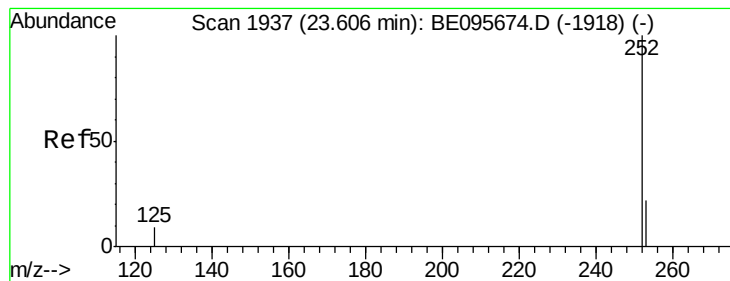
Tot Ion:276 Resp: 10460
 Ion Ratio Lower Upper
 276 100
 138 21.6 22.5 33.7#
 277 24.6 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BE095695.D
 Acq: 26 Feb 2018 18:54

Tgt Ion:264 Resp: 7507
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 25.8 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 23.61 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :

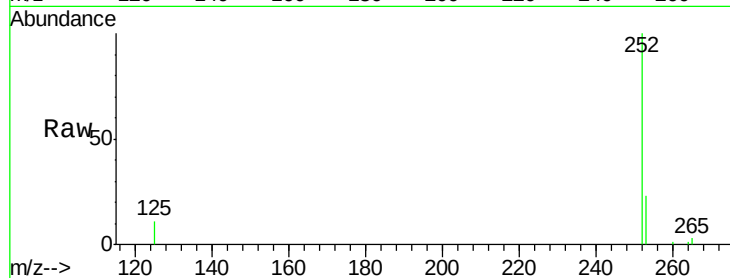
Tot Ion:252 Resp: 10111

Ion Ratio Lower Upper

252 100

253 23.2 20.0 30.0

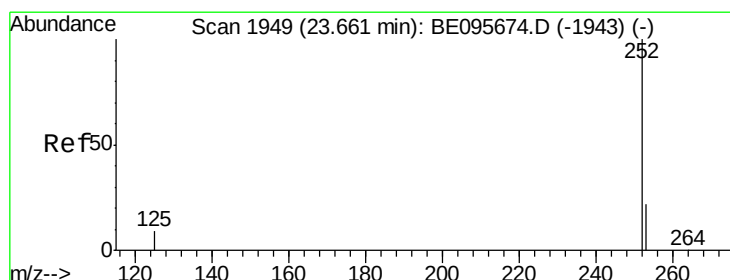
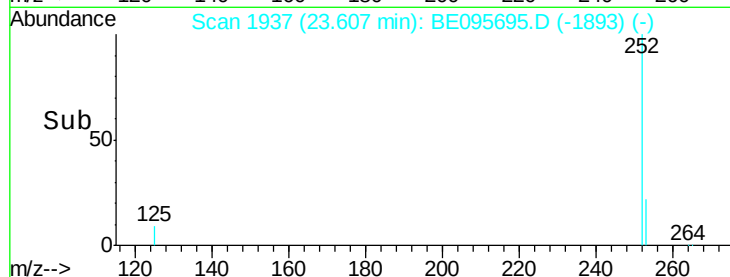
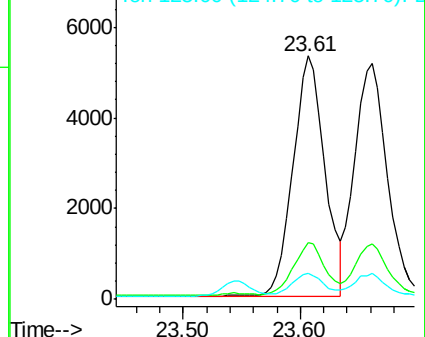
125 10.7 16.0 24.0#



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: 0.380 ng

RT: 23.66 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

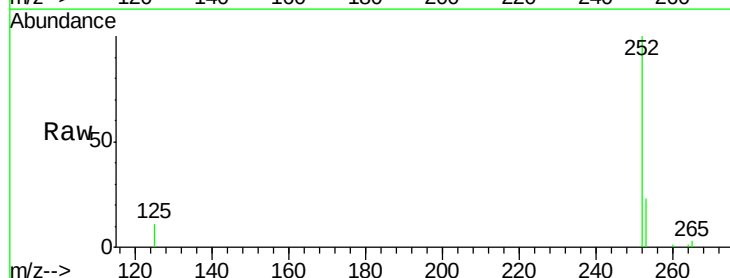
Tgt Ion:252 Resp: 10117

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

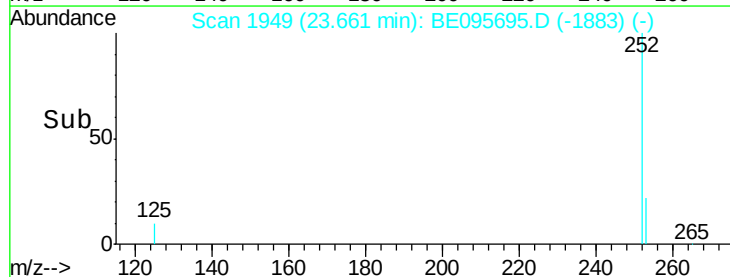
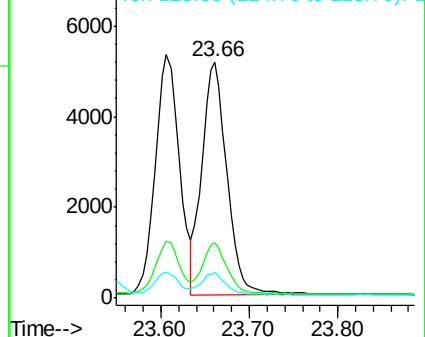
125 10.8 8.0 12.0

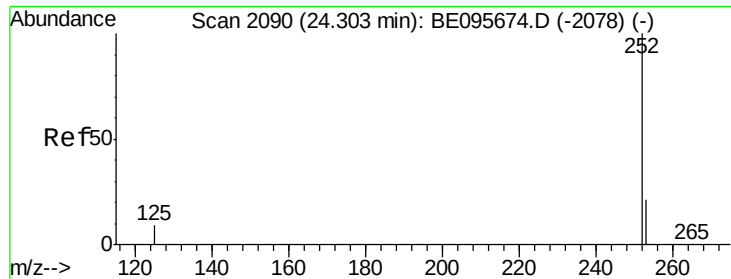


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 24.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampled :

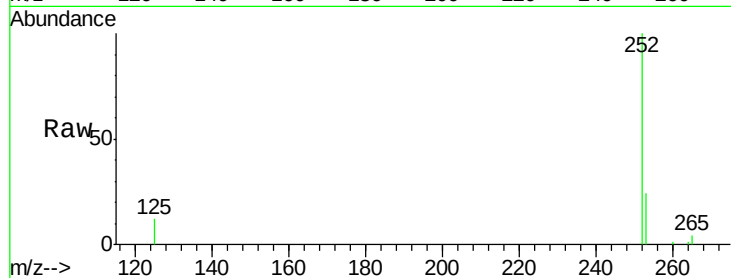
Tot Ion:252 Resp: 9377

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

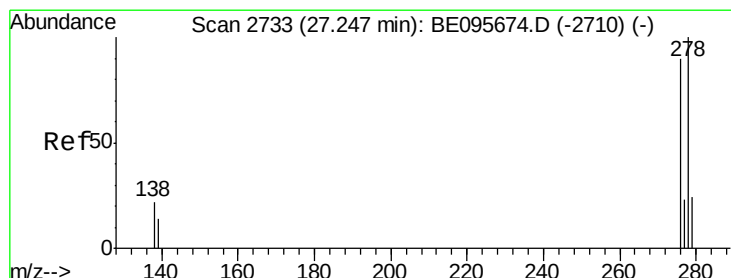
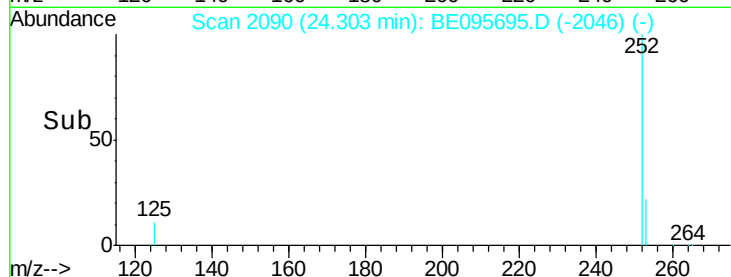
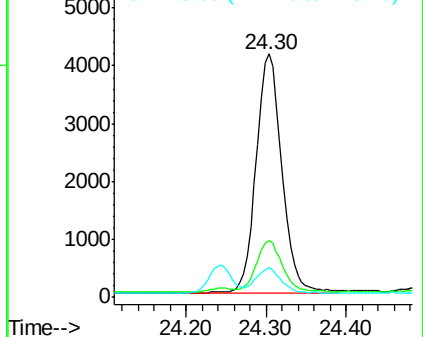
125 12.3 12.0 18.0



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: 0.392 ng

RT: 27.25 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

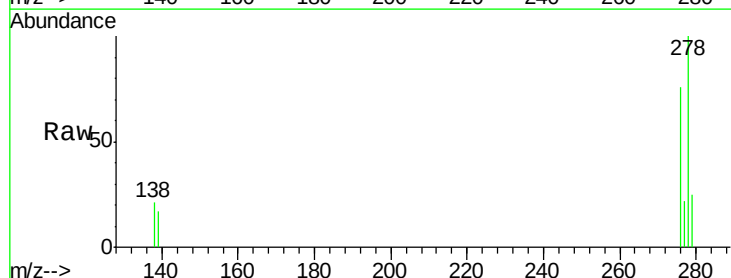
Tgt Ion:278 Resp: 8413

Ion Ratio Lower Upper

278 100

139 17.0 16.0 24.0

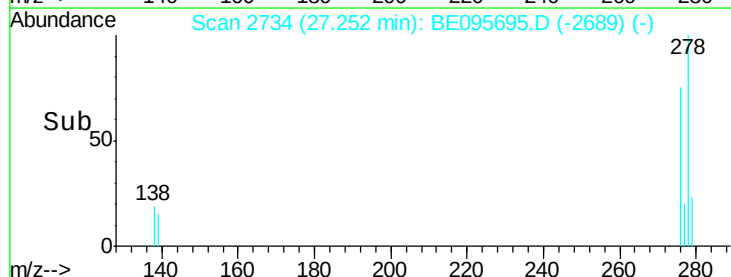
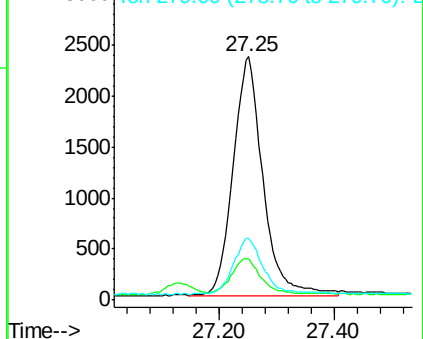
279 25.2 20.0 30.0

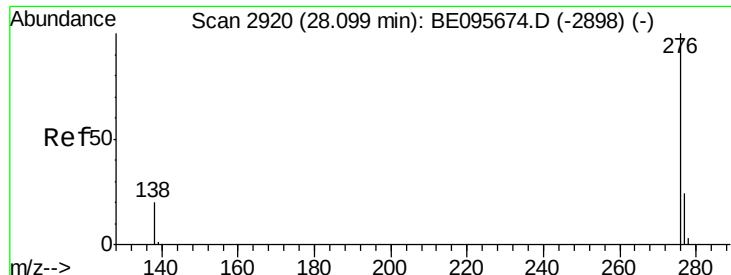


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.377 ng

RT: 28.10 min Scan# 2920

Delta R.T. 0.00 min

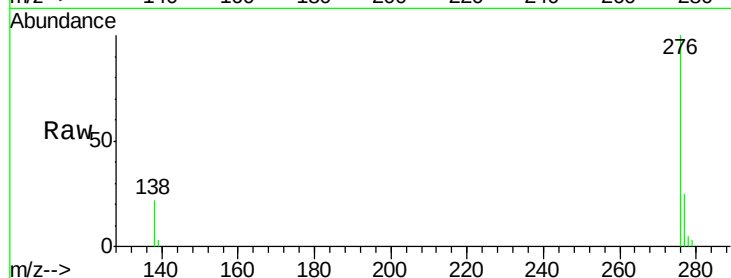
Lab File: BE095695.D

Acq: 26 Feb 2018 18:54

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 8670

Ion Ratio Lower Upper

276 100

277 25.3 16.0 24.0#

138 21.6 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

