

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022618\
 Data File : BE095693.D
 Acq On : 26 Feb 2018 17:43
 Operator : SJ/JU
 Sample : PB106832BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 26 18:20:07 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	1503	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5400	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	2676	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6300	0.40	ng	0.01
27) Chrysene-d12	21.79	240	6869	0.40	ng	0.00
34) Perylene-d12	24.43	264	6443	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1014	0.26	ng	0.00
5) Phenol-d6	7.55	99	1307	0.24	ng	0.00
8) Nitrobenzene-d5	9.53	82	146	0.03	ng	-0.08
11) 2-Methylnaphthalene-d10	12.80	152	2011	0.22	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	181	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	2815	0.24	ng	0.00
25) Fluoranthene-d10	19.69	212	19813	0.24	ng	0.00
29) Terphenyl-d14	20.25	244	3041	0.22	ng	0.00

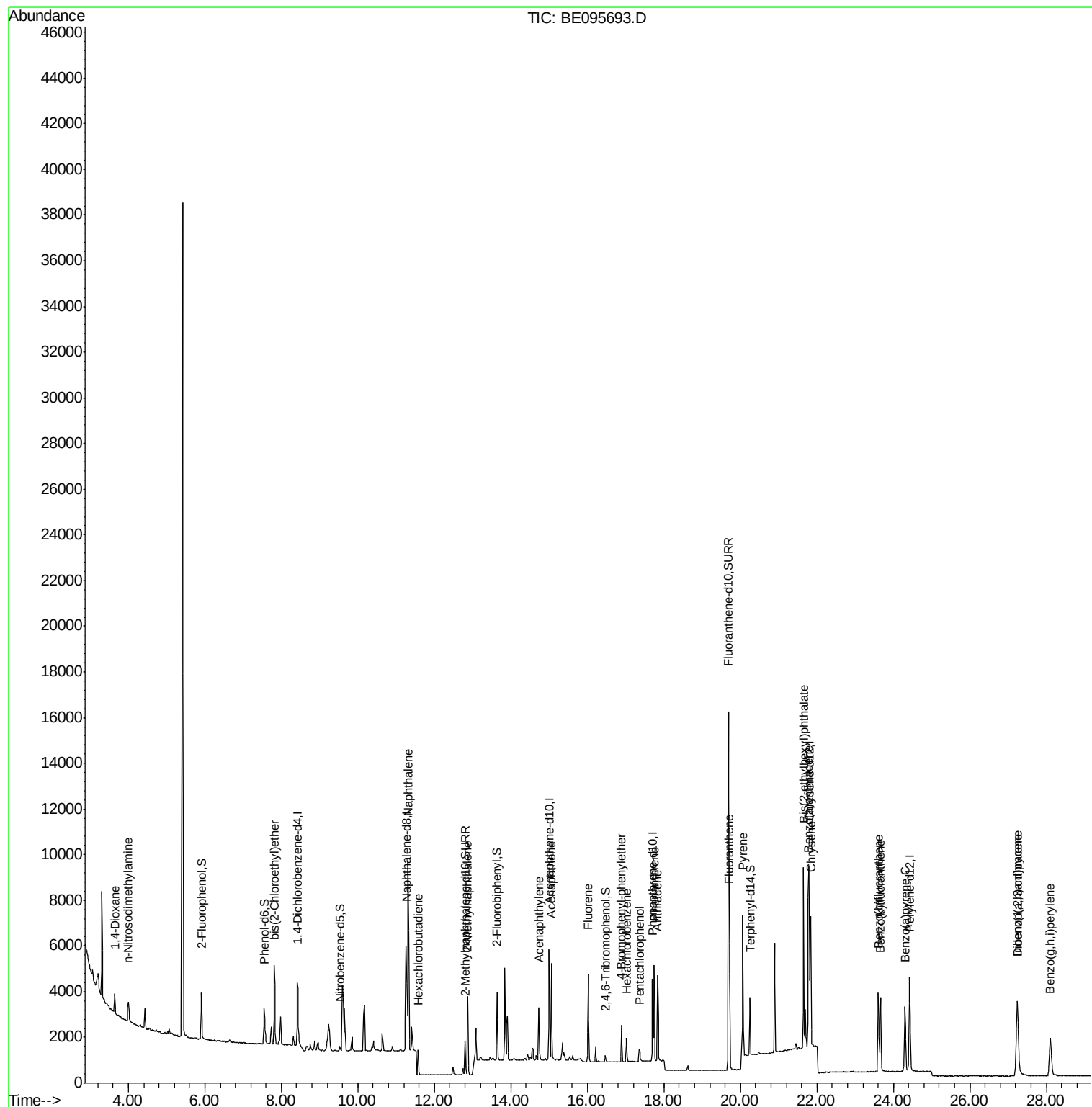
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	510	0.216	ng	# 1
3) n-Nitrosodimethylamine	3.99	42	690	0.235	ng	# 86
6) bis(2-Chloroethyl)ether	7.83	93	1295	0.230	ng	91
9) Naphthalene	11.31	128	14348	0.230	ng	99
10) Hexachlorobutadiene	11.57	225	922	0.254	ng	92
12) 2-Methylnaphthalene	12.88	142	2360	0.220	ng	99
16) Acenaphthylene	14.74	152	3243	0.216	ng	99
17) Acenaphthene	15.06	154	2051	0.217	ng	96
18) Fluorene	16.02	166	2565	0.219	ng	# 80
20) 4-Bromophenyl-phenylether	16.89	248	832	0.210	ng	# 65
21) Hexachlorobenzene	17.03	284	872	0.213	ng	# 83
22) Pentachlorophenol	17.36	266	372	0.426	ng	# 75
23) Phenanthrene	17.74	178	4375	0.222	ng	98
24) Anthracene	17.83	178	4080	0.226	ng	96
26) Fluoranthene	19.72	202	5554	0.229	ng	# 97
28) Pyrene	20.06	202	6598	0.235	ng	97
30) Benzo(a)anthracene	21.78	228	5208	0.232	ng	98
31) Chrysene	21.84	228	5315	0.238	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	8845	0.223	ng	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	5200	0.241	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	5120	0.223	ng	# 92
36) Benzo(k)fluoranthene	23.66	252	5094	0.223	ng	# 93
37) Benzo(a)pyrene	24.30	252	4784	0.231	ng	# 92
38) Dibenzo(a,h)anthracene	27.25	278	4218	0.229	ng	97
39) Benzo(g,h,i)perylene	28.10	276	4557	0.231	ng	# 92

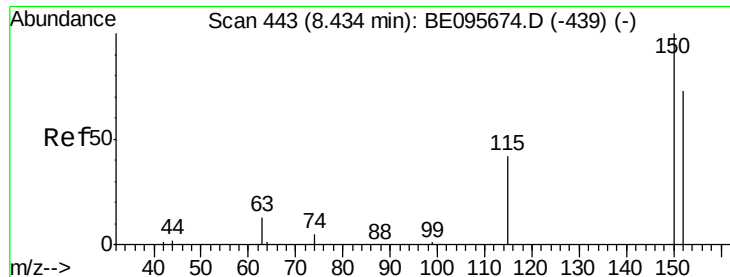
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 23 12:12:42 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.43 min Scan# 443

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

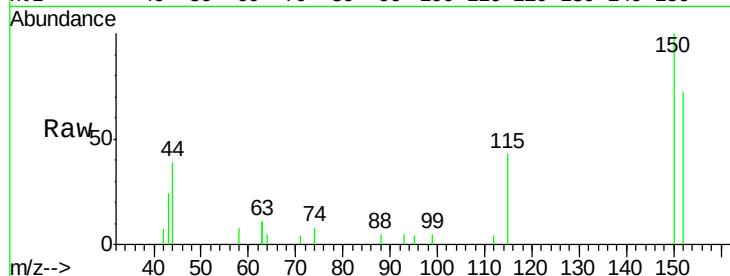
Tot Ion:152 Resp: 1503

Ion Ratio Lower Upper

152 100

150 138.4 117.2 175.8

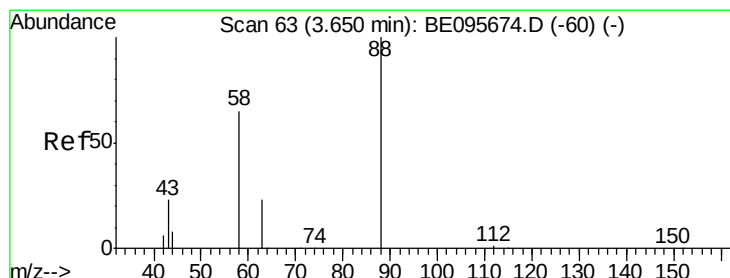
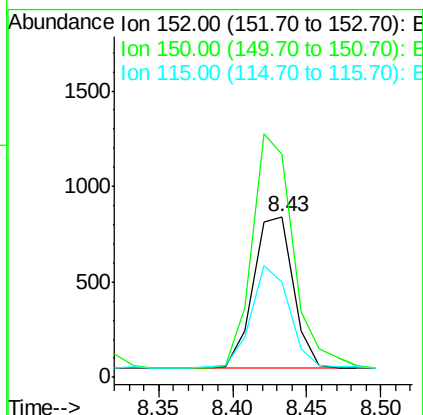
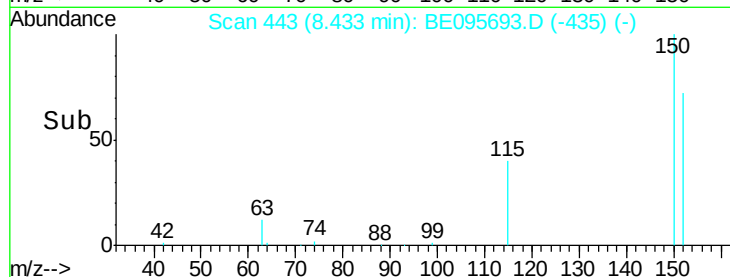
115 59.2 57.0 85.6



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: 0.216 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

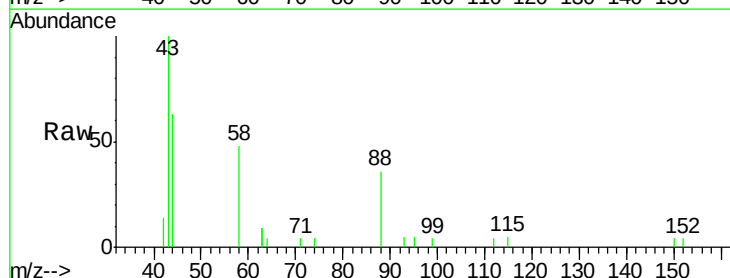
Tgt Ion: 88 Resp: 510

Ion Ratio Lower Upper

88 100

58 132.4 63.2 94.8#

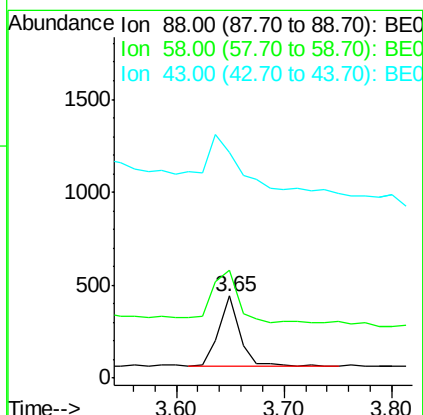
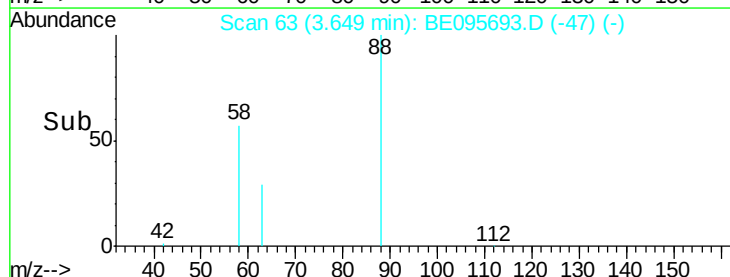
43 198.6 41.2 61.8#

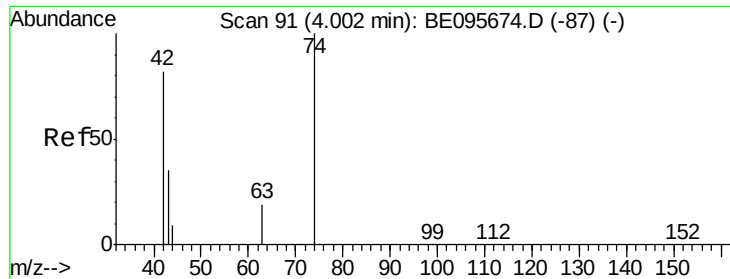


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.235 ng

RT: 3.99 min Scan# 90

Delta R.T. -0.01 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

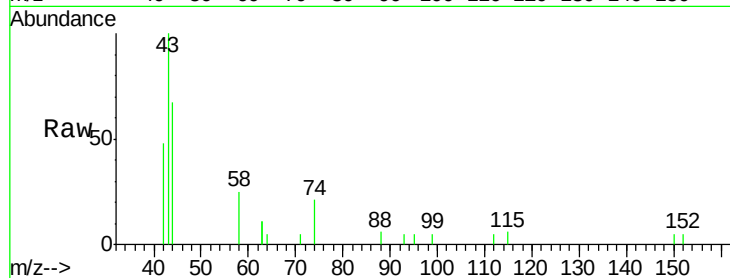
Tot Ion: 42 Resp: 690

Ion Ratio Lower Upper

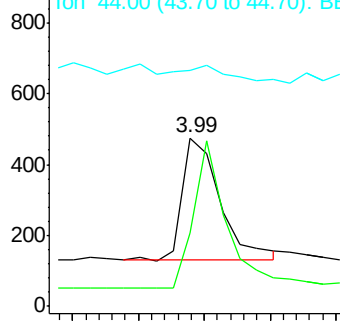
42 100

74 103.3 96.0 144.0

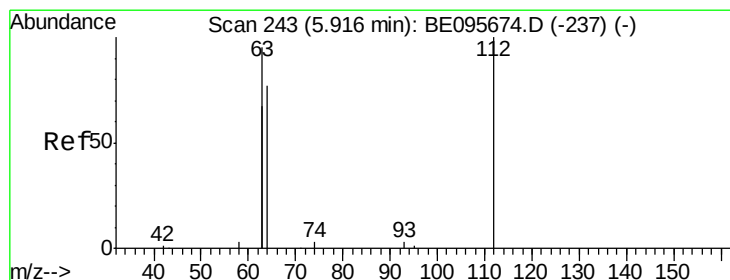
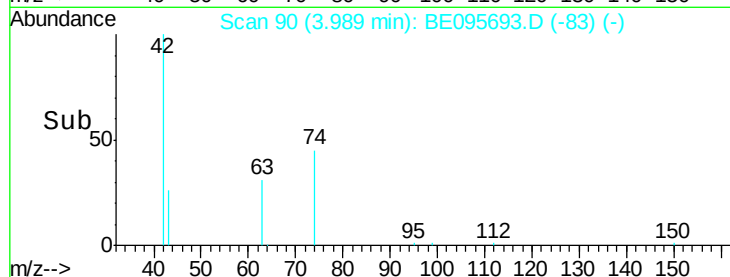
44 11.3 12.0 18.0#



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



Time-->



#4

2-Fluorophenol

Concen: 0.256 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

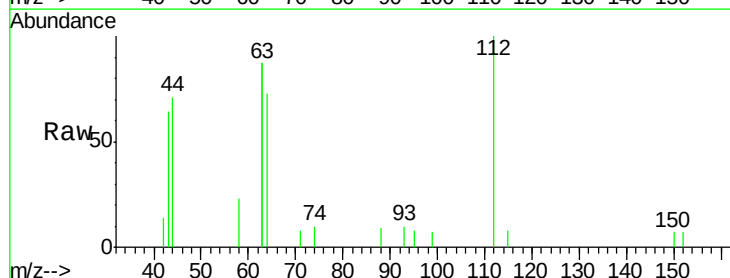
Tgt Ion: 112 Resp: 1014

Ion Ratio Lower Upper

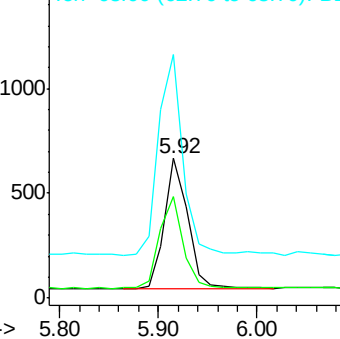
112 100

64 72.6 60.1 90.1

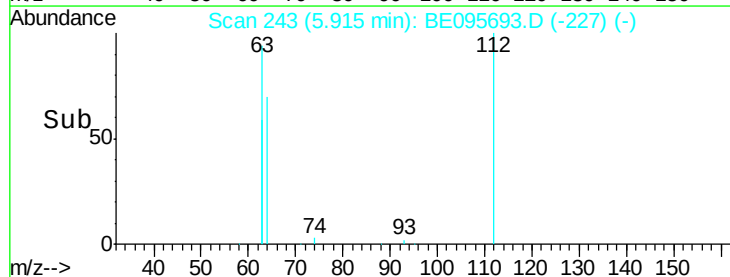
63 159.3 116.8 175.2

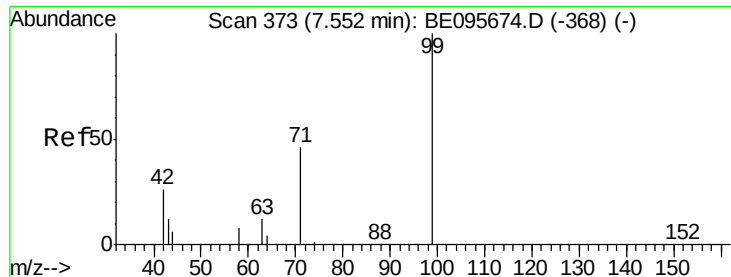


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.238 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

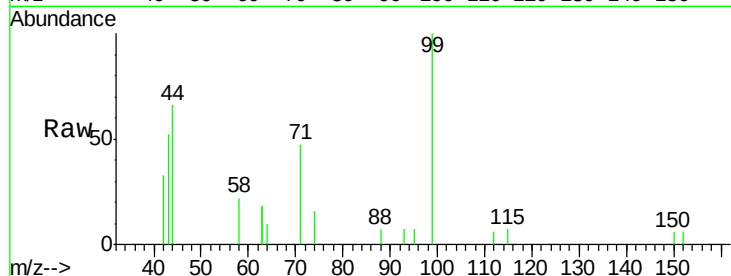
Tot Ion: 99 Resp: 1307

Ion Ratio Lower Upper

99 100

42 26.4 20.2 30.2

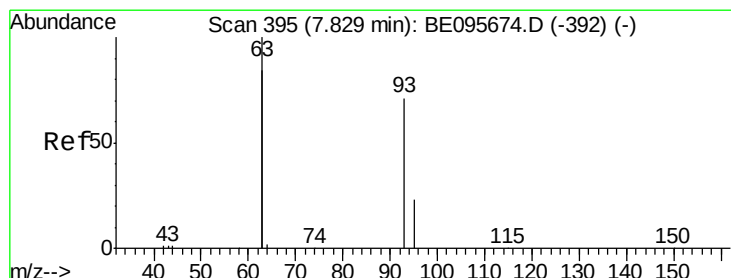
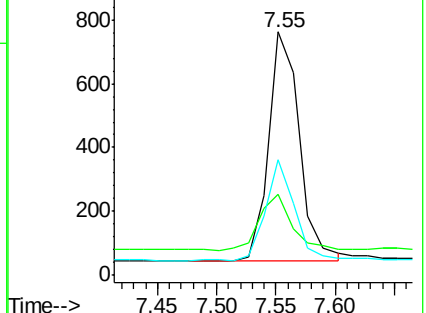
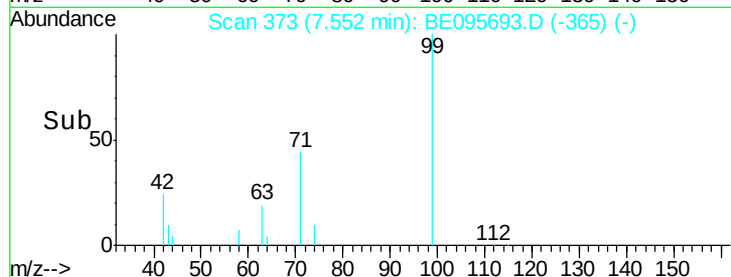
71 41.6 28.4 42.6



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: 0.230 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

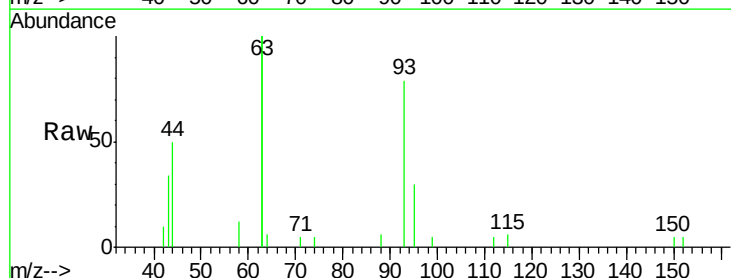
Tgt Ion: 93 Resp: 1295

Ion Ratio Lower Upper

93 100

63 323.0 275.3 412.9

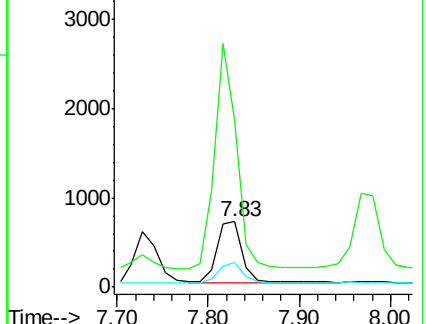
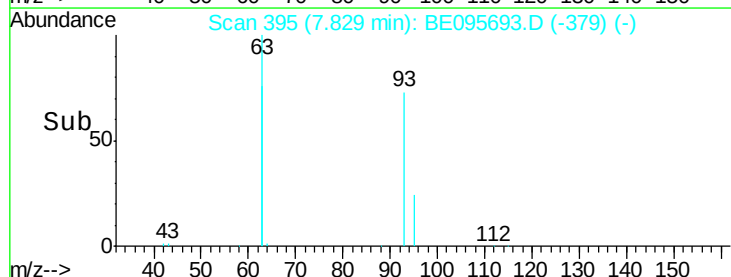
95 31.1 25.2 37.8

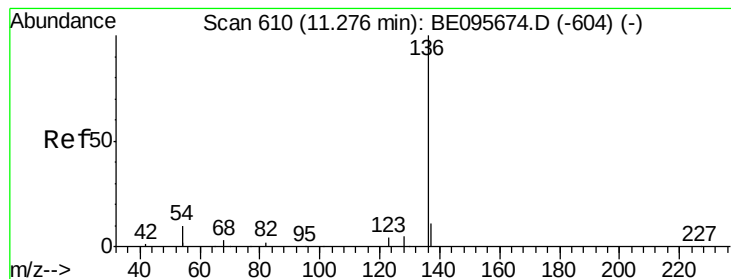


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5400

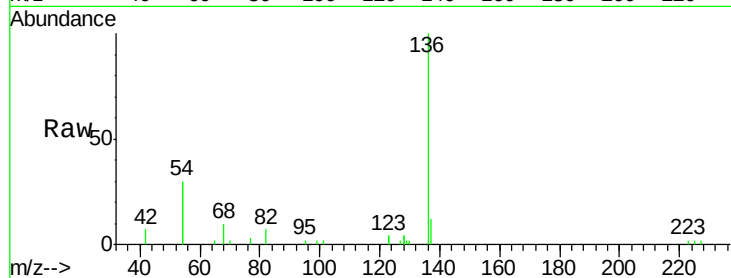
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 60.3 29.1 43.7#

68 10.3 6.2 9.2#

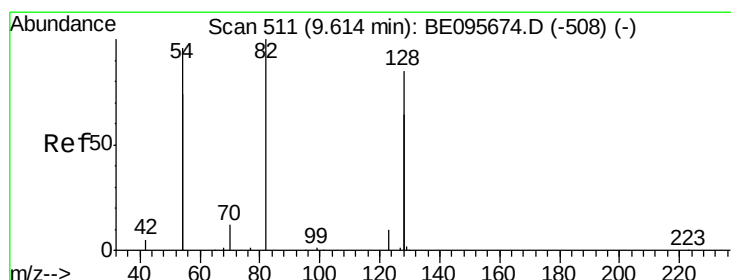
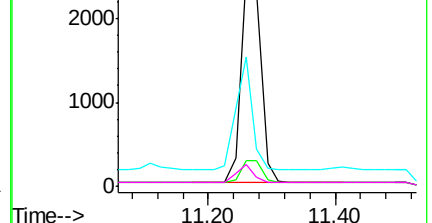
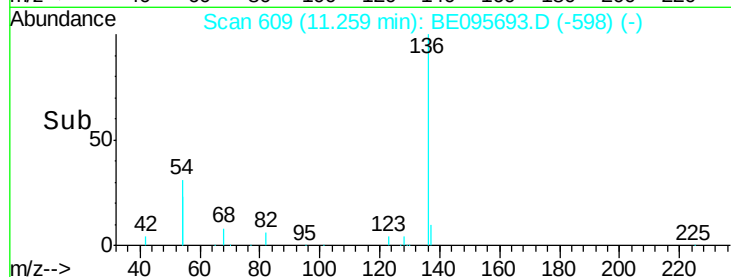


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.026 ng

RT: 9.53 min Scan# 506

Delta R.T. -0.08 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

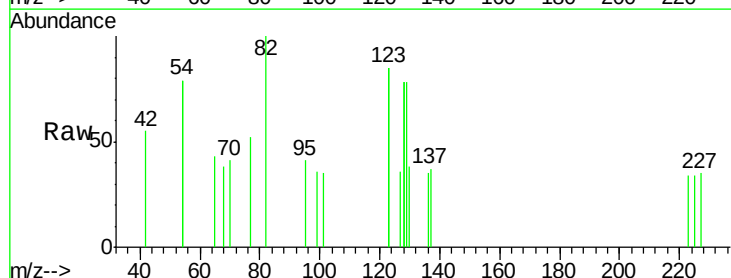
Tgt Ion: 82 Resp: 146

Ion Ratio Lower Upper

82 100

128 156.3 150.0 225.0

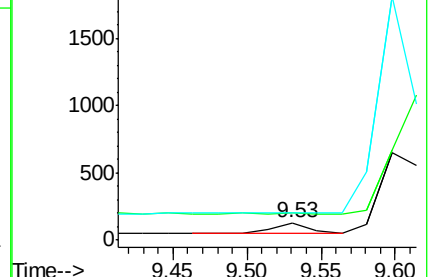
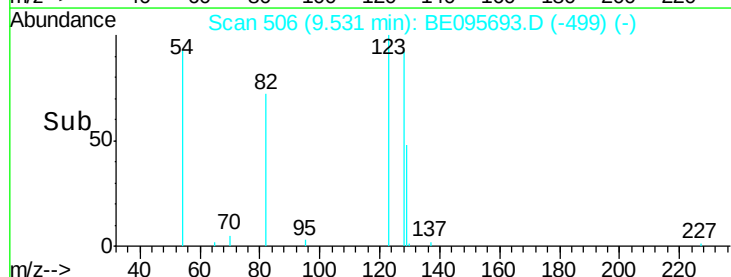
54 157.8 154.2 231.4

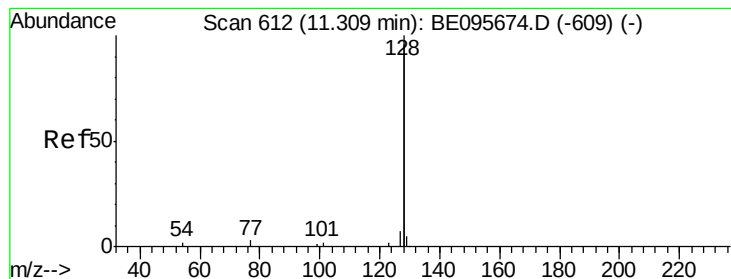


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.230 ng

RT: 11.31 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampled :

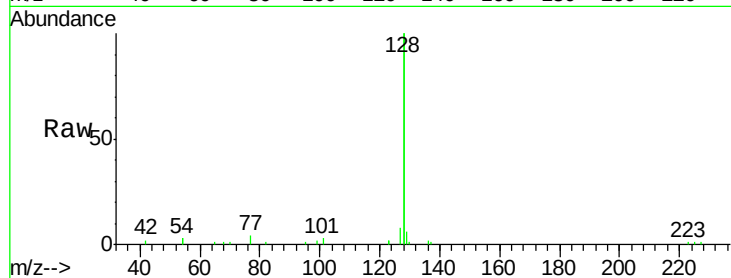
Tot Ion:128 Resp: 14348

Ion Ratio Lower Upper

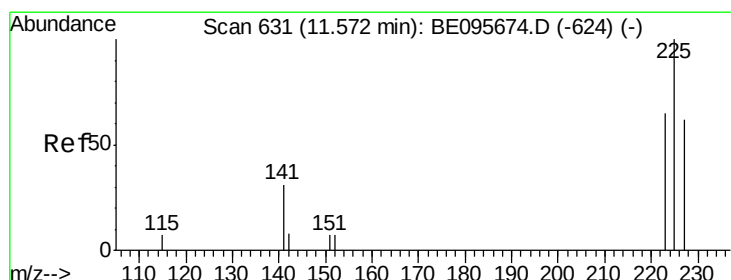
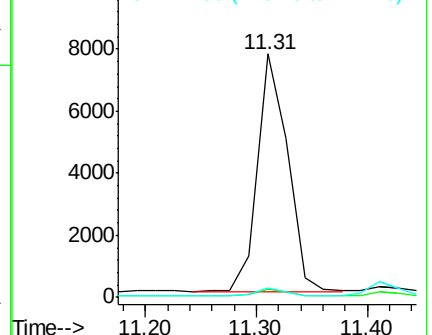
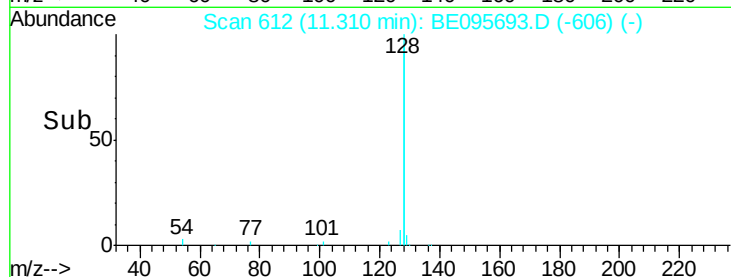
128 100

129 3.2 2.6 3.8

127 4.0 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: 0.254 ng

RT: 11.57 min Scan# 631

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

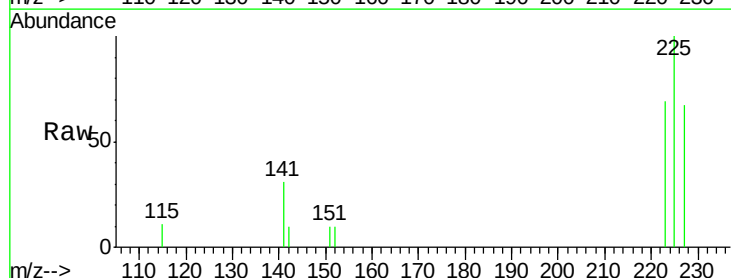
Tgt Ion:225 Resp: 922

Ion Ratio Lower Upper

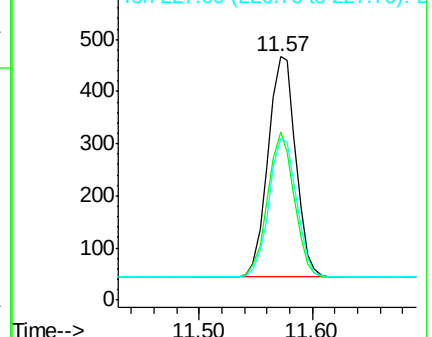
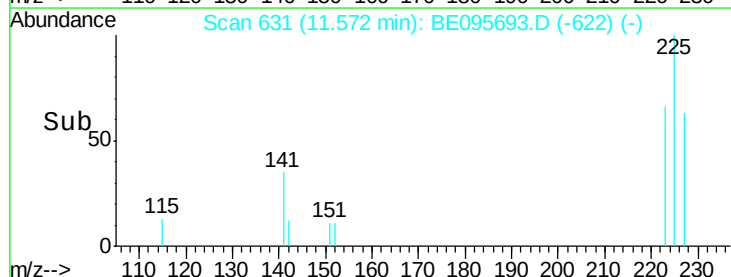
225 100

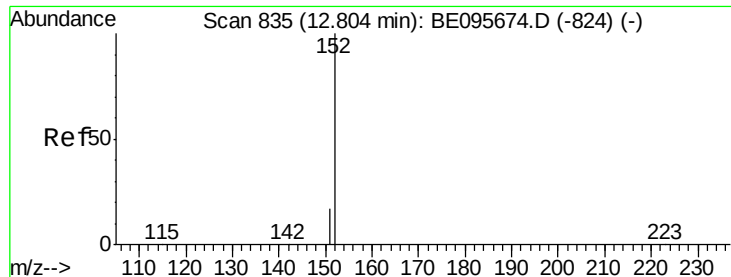
223 59.2 53.0 79.6

227 58.8 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

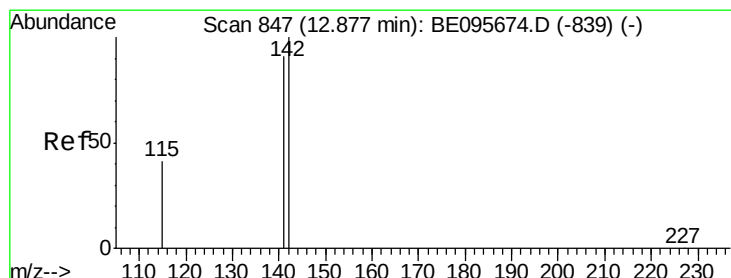
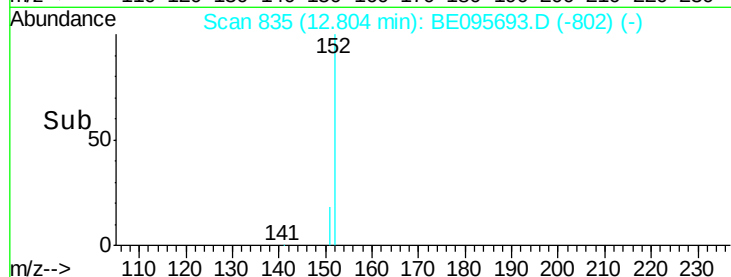
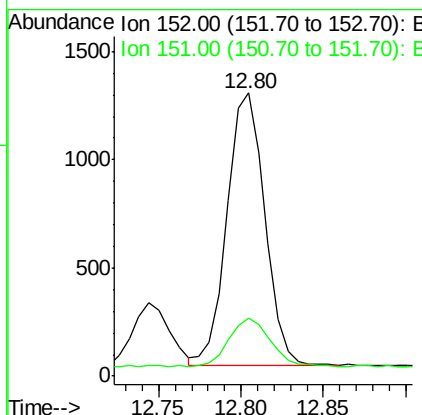
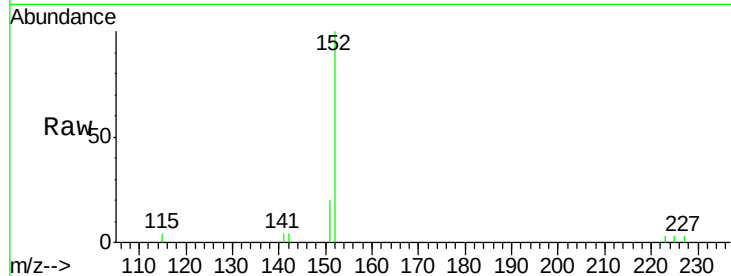




#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

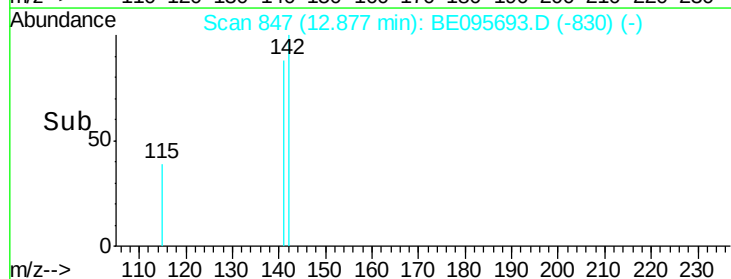
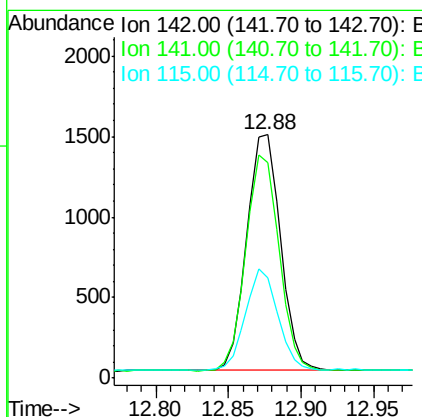
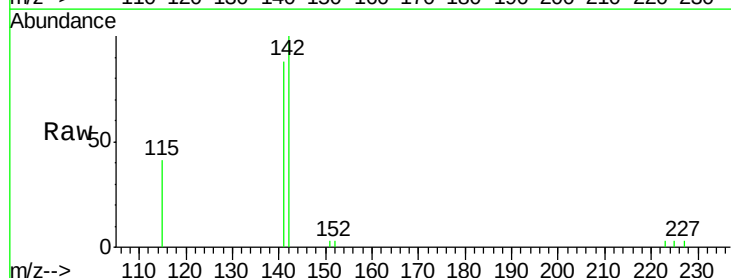
Instrument :
BNA_E
ClientSampleId :

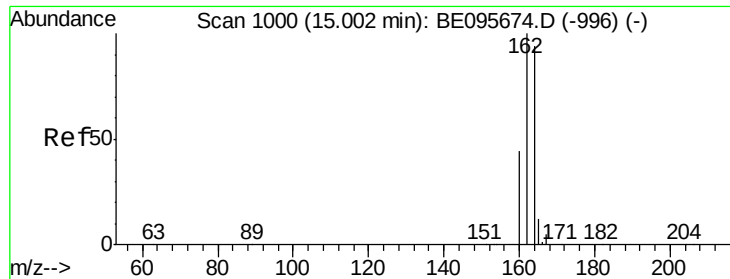
Tot Ion:152 Resp: 2011
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.220 ng
RT: 12.88 min Scan# 847
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:142 Resp: 2360
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6
115 41.2 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

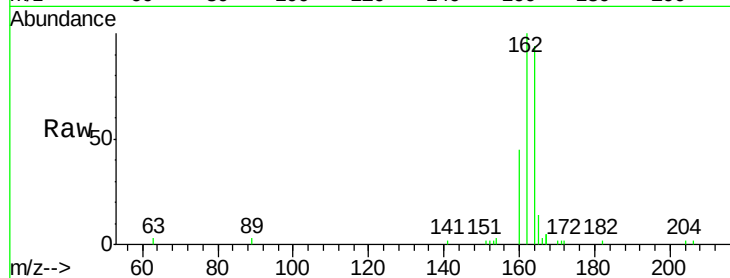
Tot Ion:164 Resp: 2676

Ion Ratio Lower Upper

164 100

162 106.9 83.1 124.7

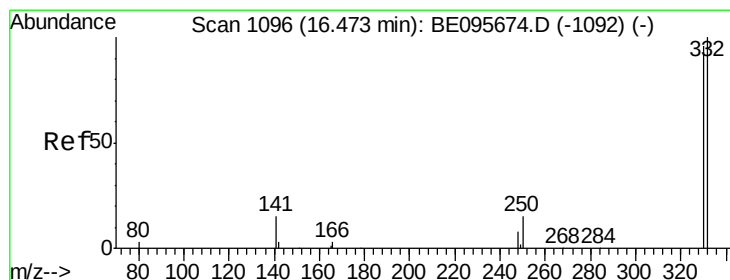
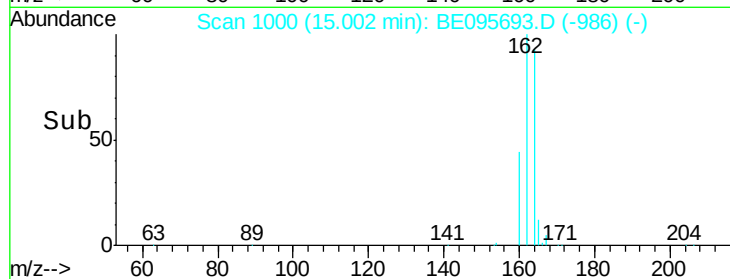
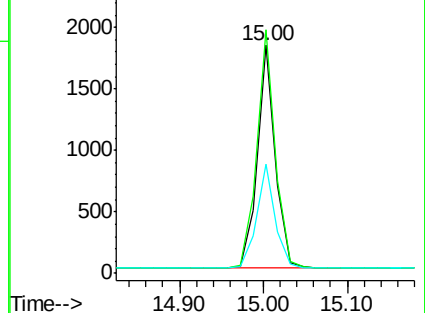
160 48.0 37.1 55.7



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: 0.257 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

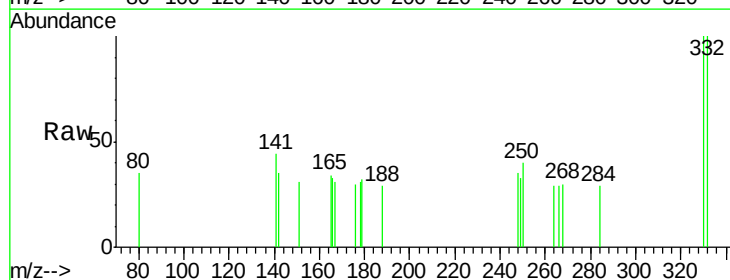
Tgt Ion:330 Resp: 181

Ion Ratio Lower Upper

330 100

332 98.3 152.7 229.1#

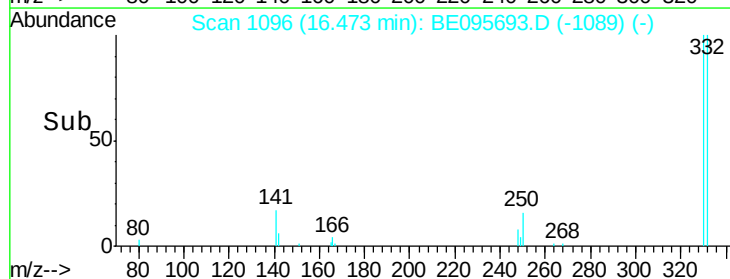
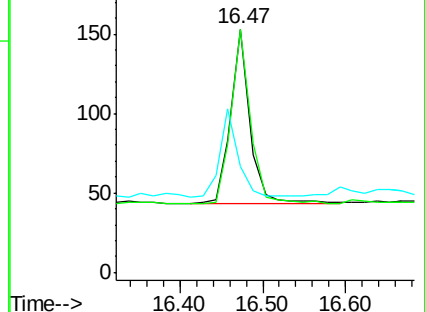
141 48.1 33.7 50.5

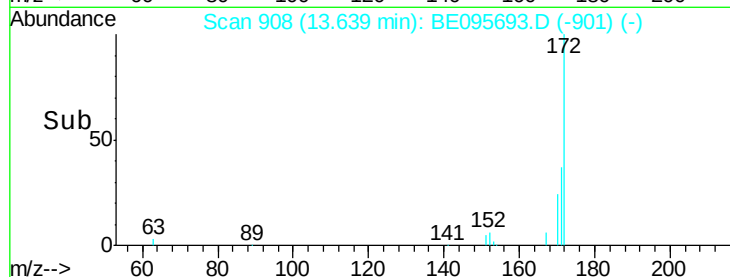
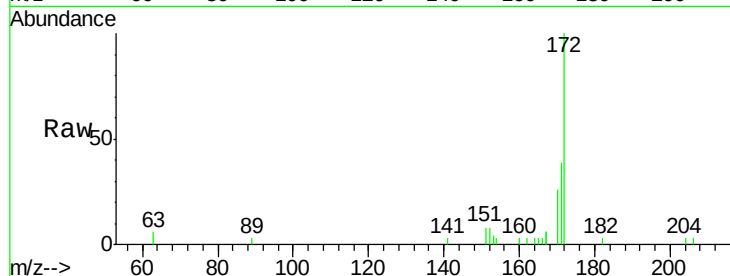
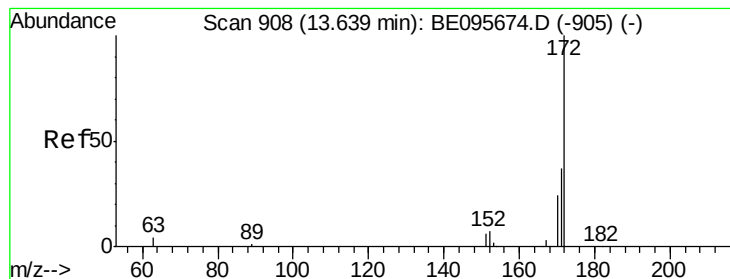


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.235 ng

RT: 13.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

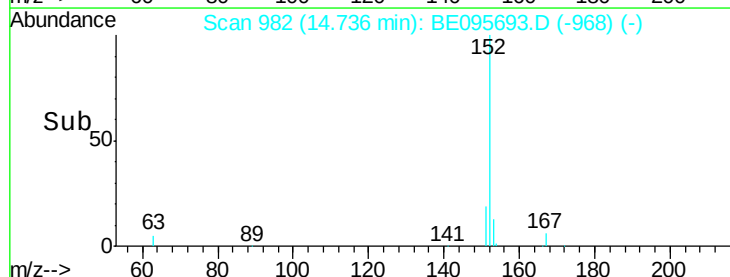
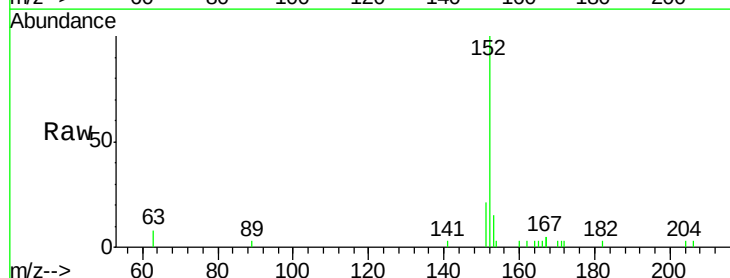
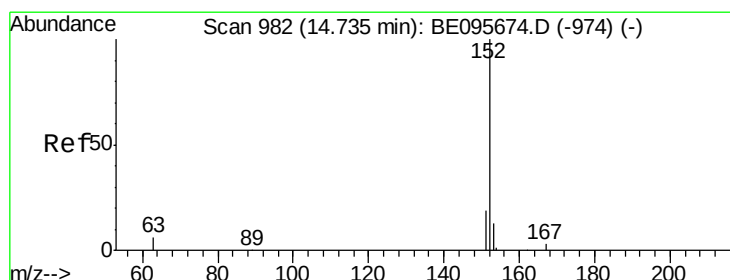
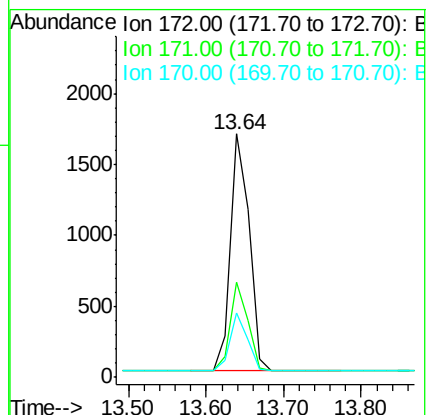
Tot Ion:172 Resp: 2815

Ion Ratio Lower Upper

172 100

171 39.1 29.9 44.9

170 26.2 21.8 32.8



#16

Acenaphthylene

Concen: 0.216 ng

RT: 14.74 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

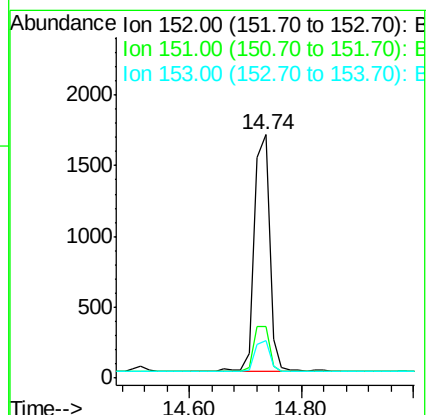
Tgt Ion:152 Resp: 3243

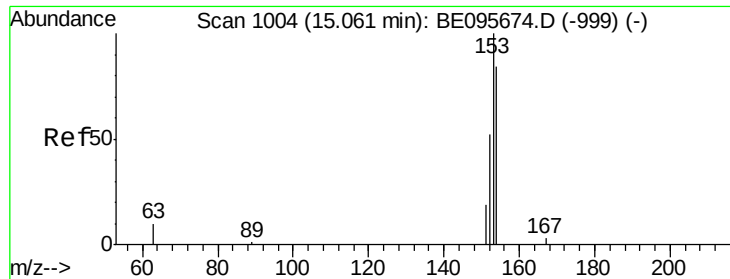
Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.217 ng

RT: 15.06 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

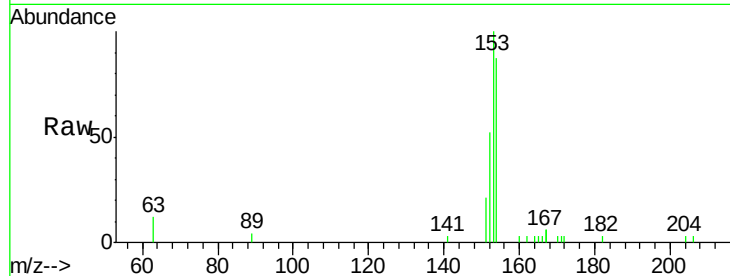
Tot Ion:154 Resp: 2051

Ion Ratio Lower Upper

154 100

153 114.6 89.2 133.8

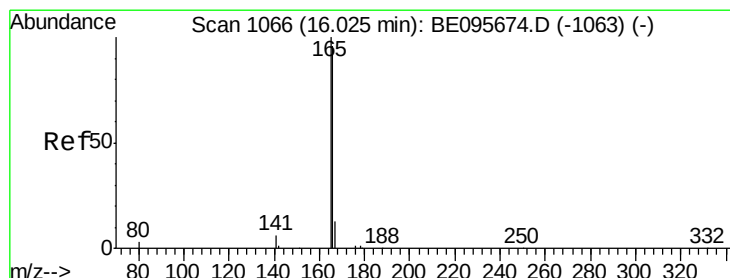
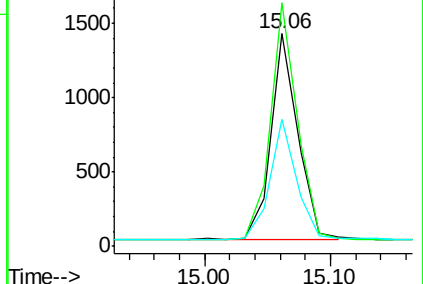
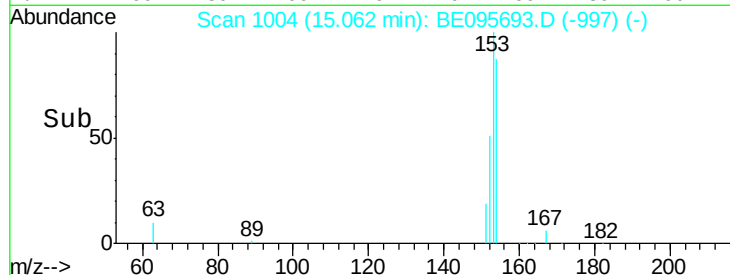
152 58.0 42.0 63.0



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: 0.219 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

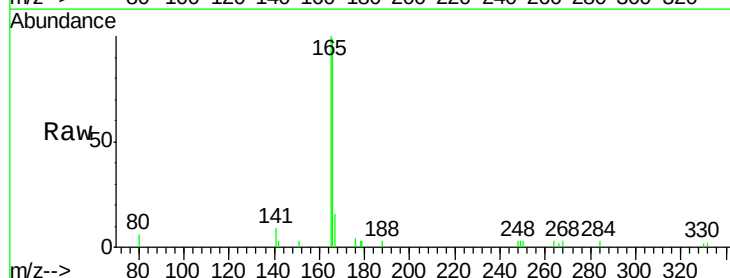
Tgt Ion:166 Resp: 2565

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

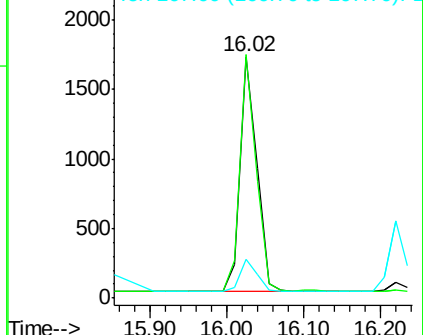
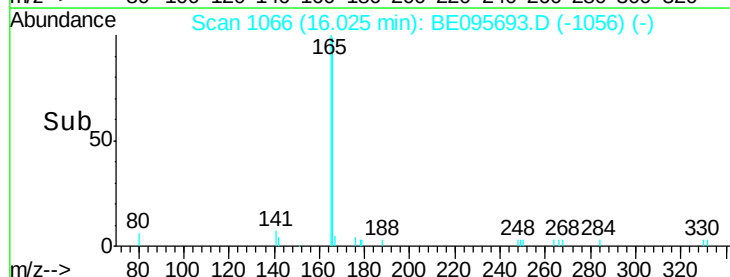
167 14.1 42.4 63.6#

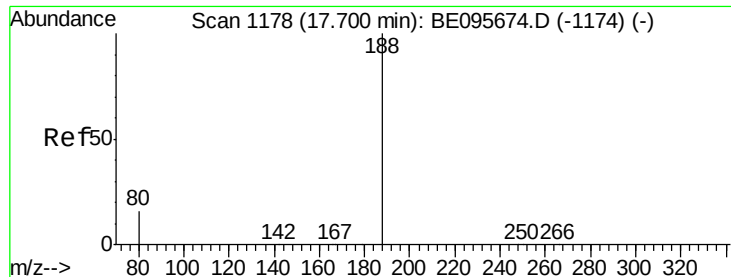


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.71 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

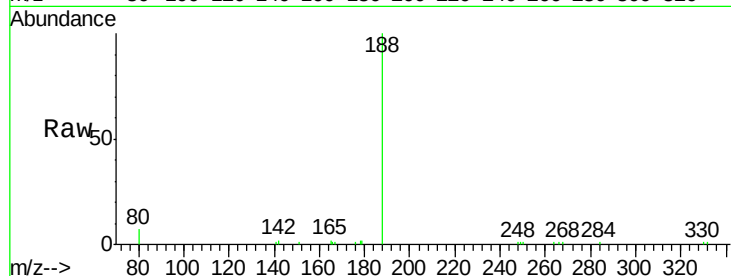
Tot Ion:188 Resp: 6300

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

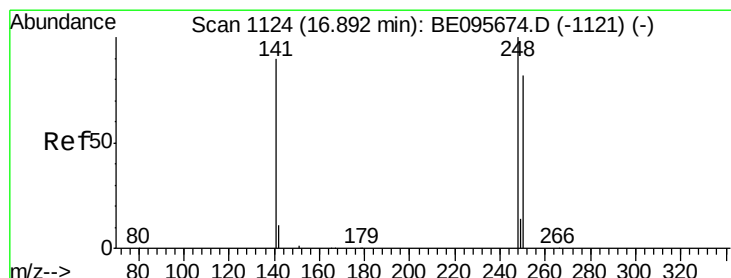
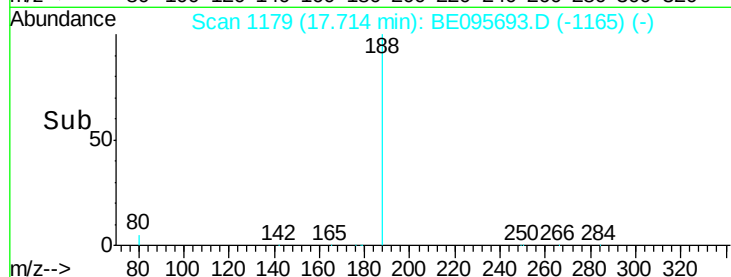
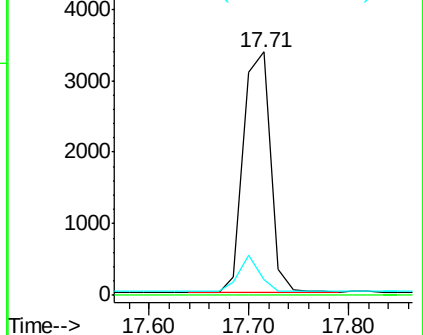
80 6.6 3.6 5.4#



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: 0.210 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

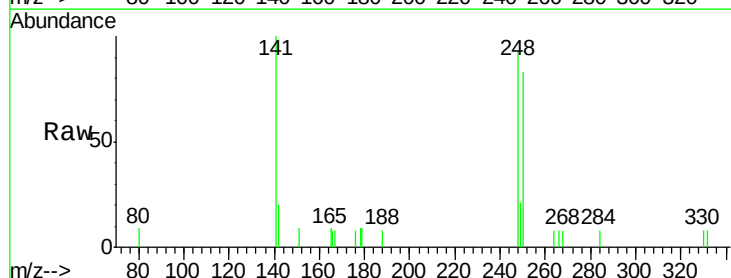
Tgt Ion:248 Resp: 832

Ion Ratio Lower Upper

248 100

250 89.8 62.7 94.1

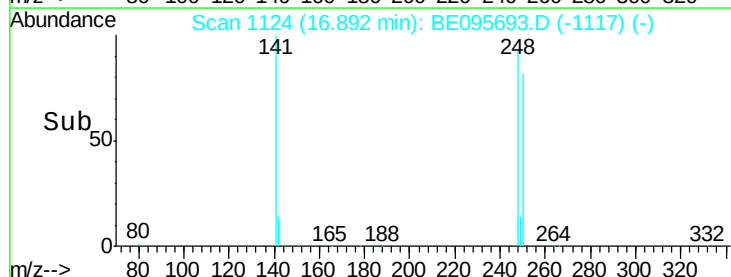
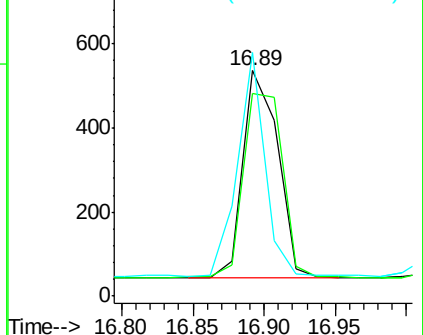
141 107.8 48.2 72.2#

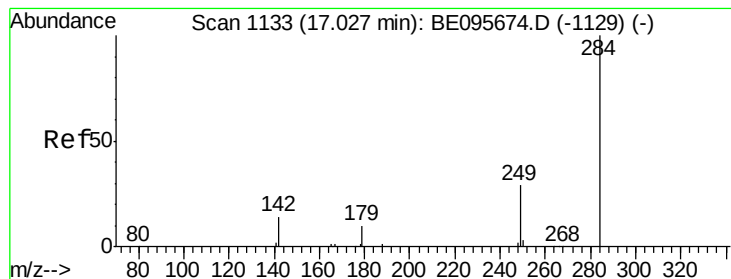


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.213 ng

RT: 17.03 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

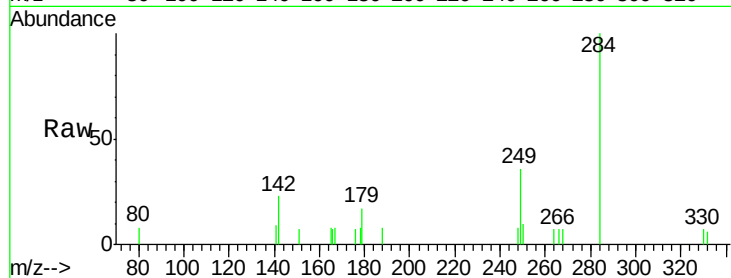
Tot Ion:284 Resp: 872

Ion Ratio Lower Upper

284 100

142 40.9 22.1 33.1#

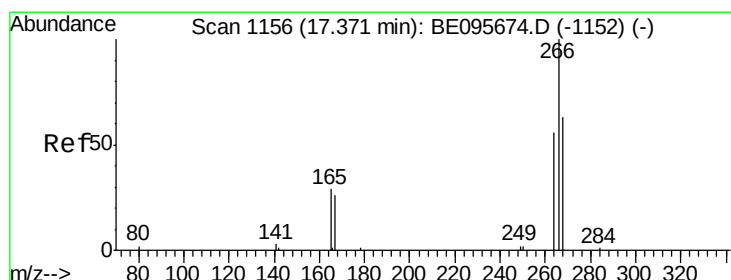
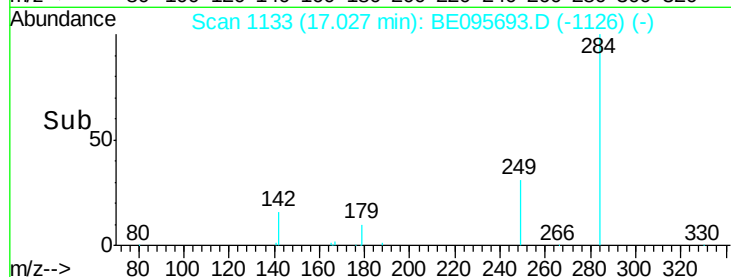
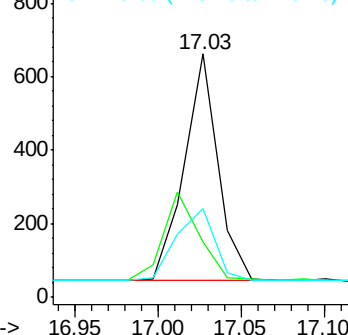
249 36.2 34.8 52.2



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: 0.426 ng

RT: 17.36 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

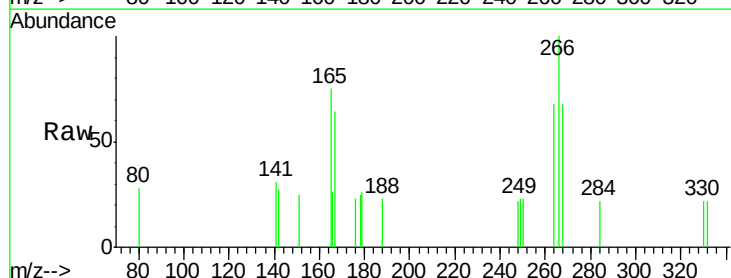
Tgt Ion:266 Resp: 372

Ion Ratio Lower Upper

266 100

264 68.2 72.5 108.7#

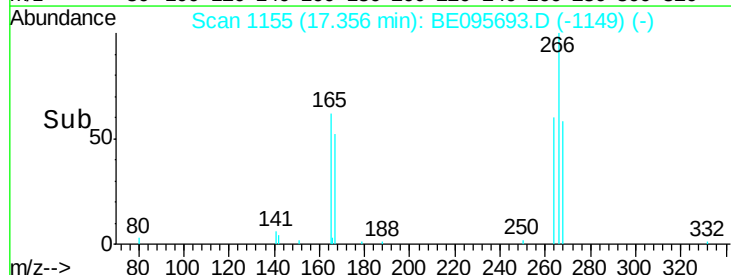
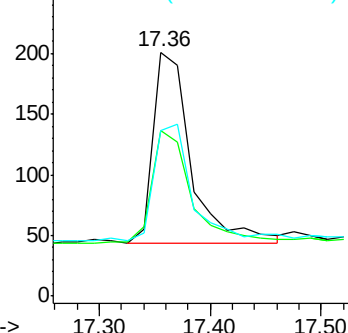
268 67.7 73.8 110.6#

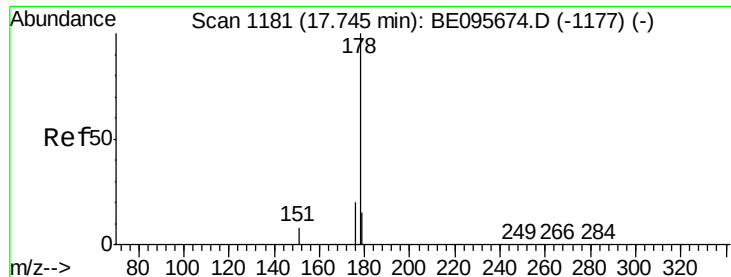


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.222 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

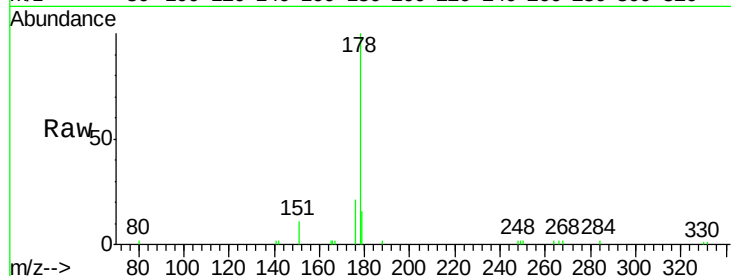
Tot Ion:178 Resp: 4375

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

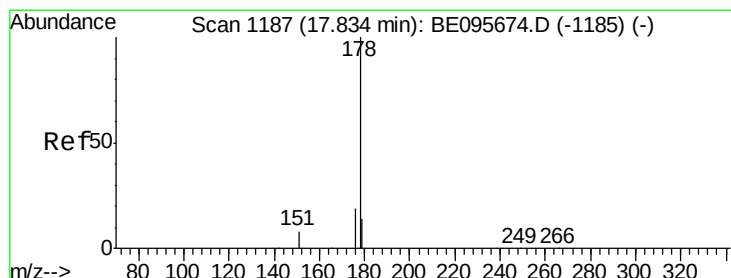
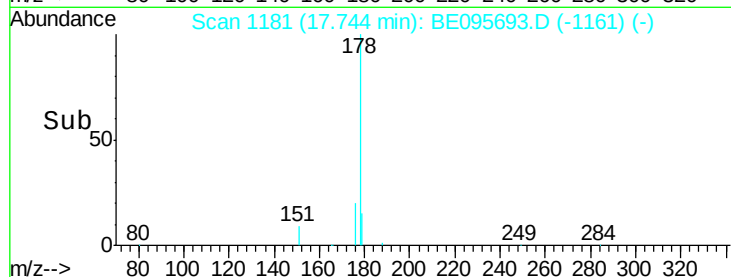
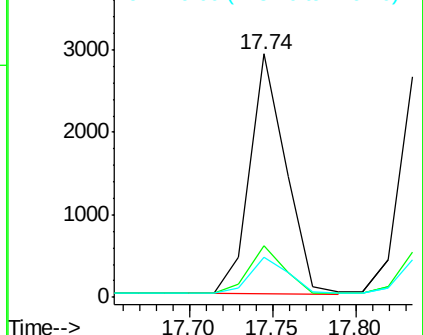
179 15.5 11.8 17.6



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: 0.226 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

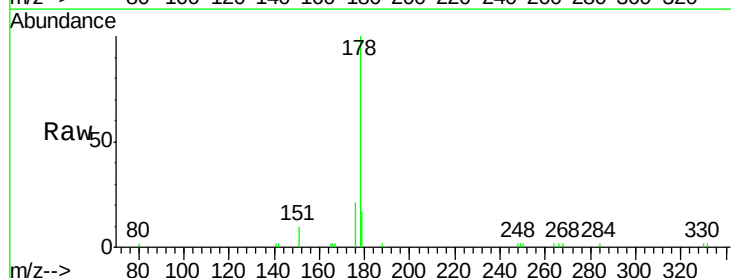
Tgt Ion:178 Resp: 4080

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

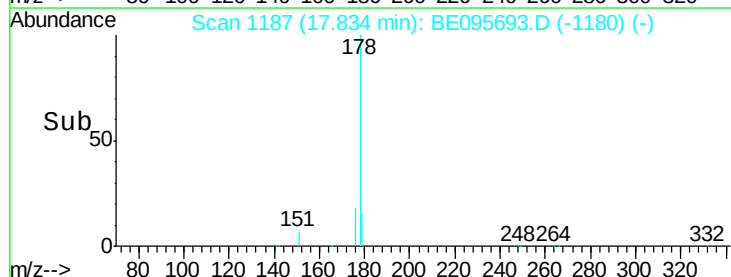
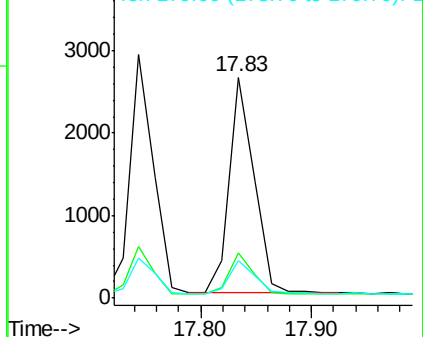
179 15.4 13.0 19.6

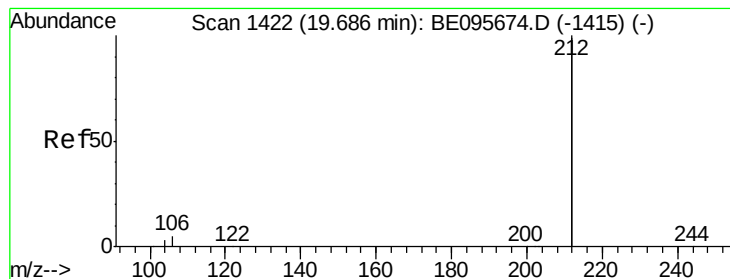


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.241 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

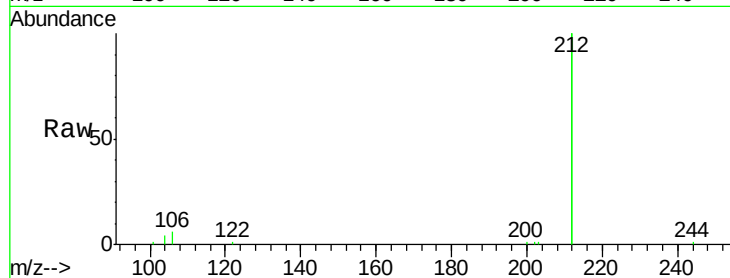
Tot Ion:212 Resp: 19813

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

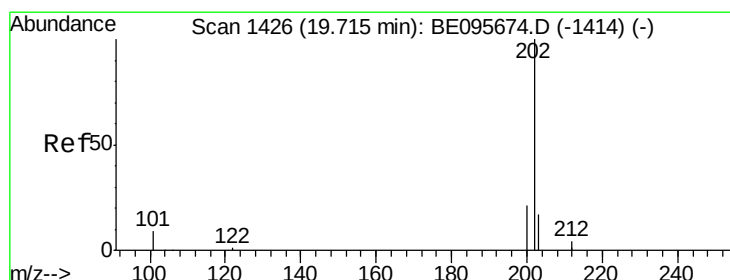
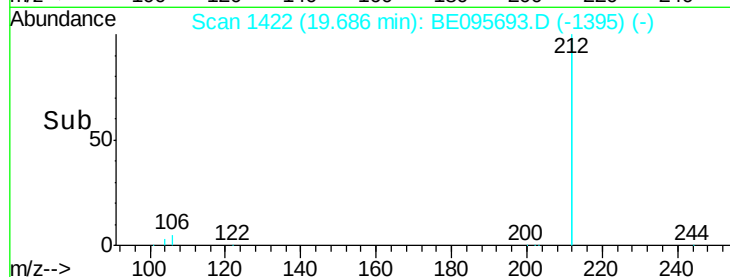
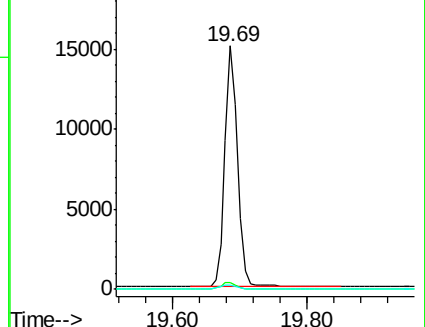
104 1.6 1.6 2.4



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: 0.229 ng

RT: 19.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

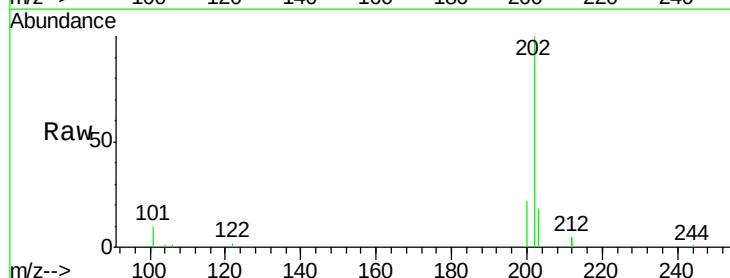
Tgt Ion:202 Resp: 5554

Ion Ratio Lower Upper

202 100

101 9.7 9.8 14.8#

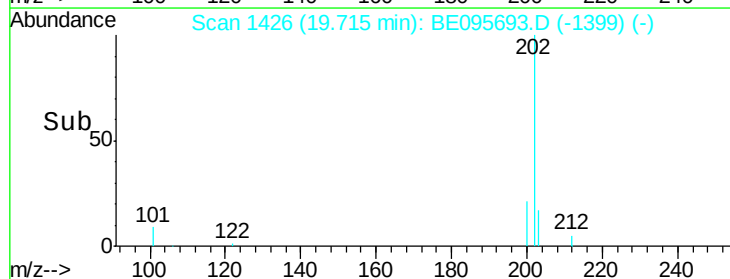
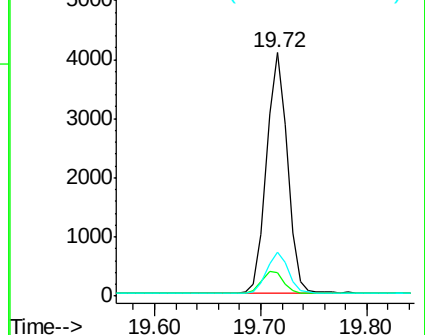
203 17.1 13.7 20.5

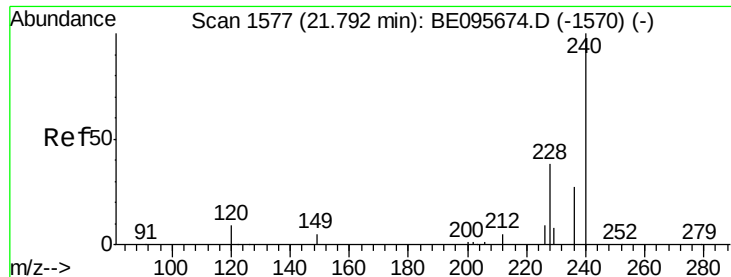


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

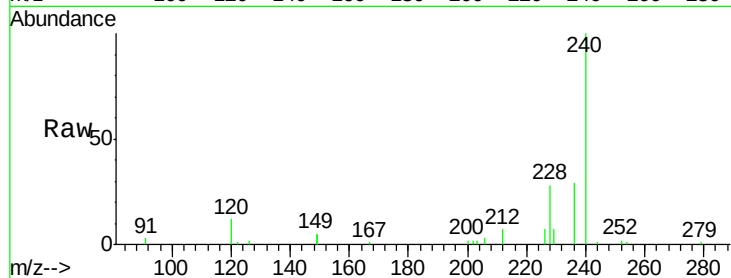
Tot Ion:240 Resp: 6869

Ion Ratio Lower Upper

240 100

120 11.6 5.5 8.3#

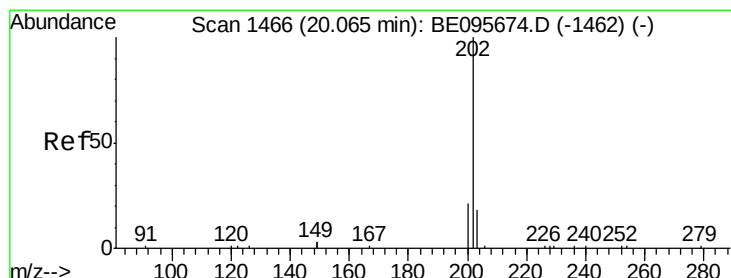
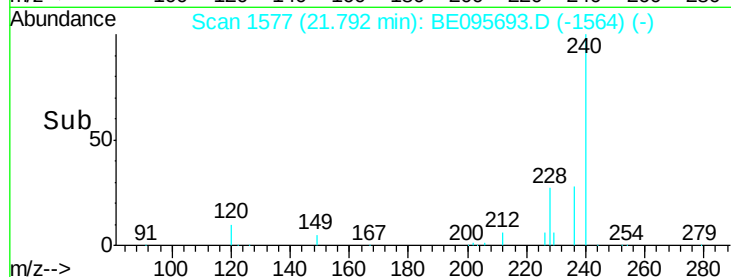
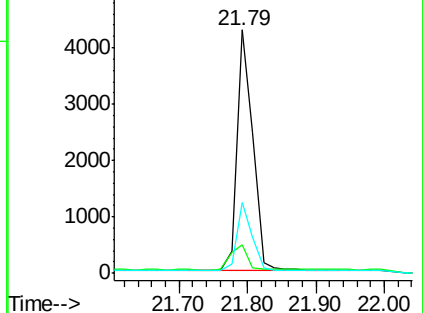
236 29.0 20.7 31.1



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: 0.235 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

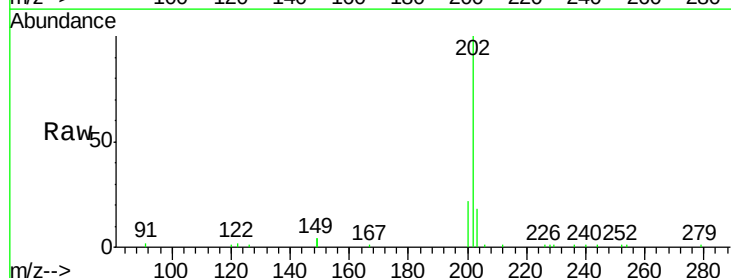
Tgt Ion:202 Resp: 6598

Ion Ratio Lower Upper

202 100

200 23.0 16.6 25.0

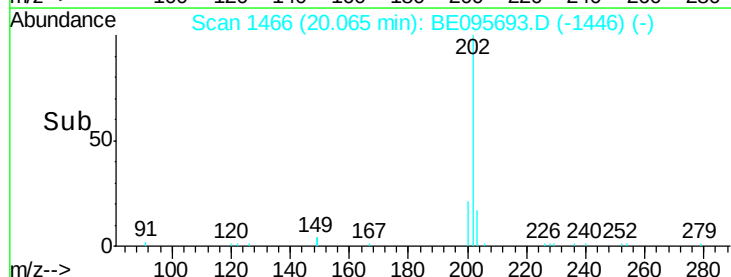
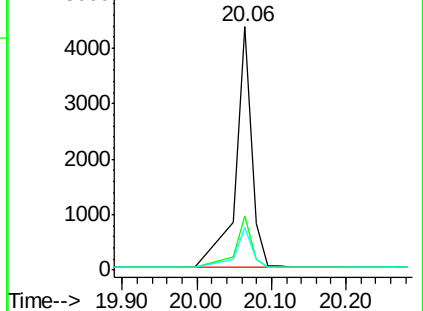
203 17.9 13.8 20.8

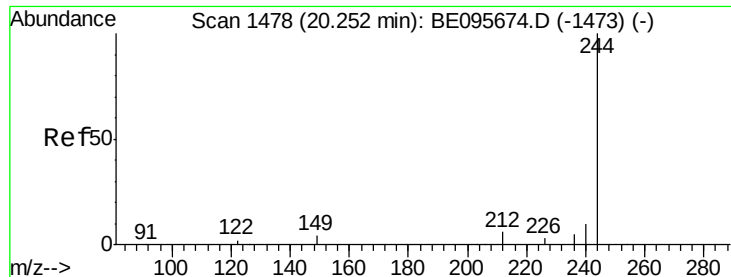


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.222 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampled :

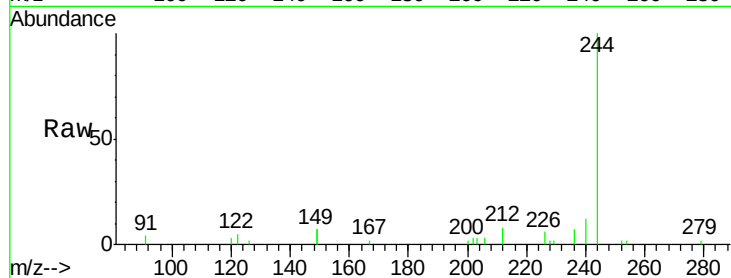
Tot Ion:244 Resp: 3041

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

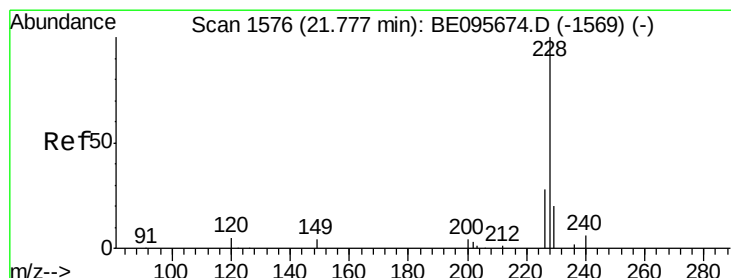
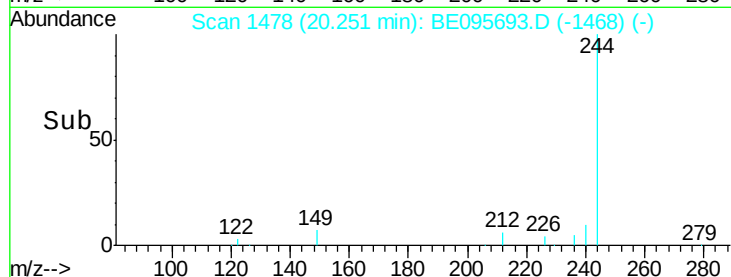
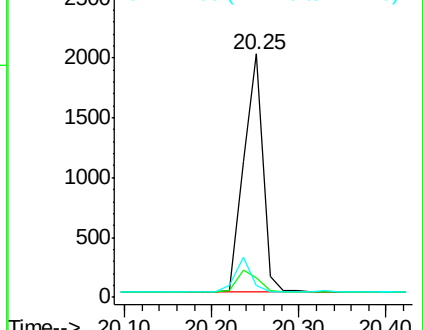
122 4.8 8.1 12.1#



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: 0.232 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

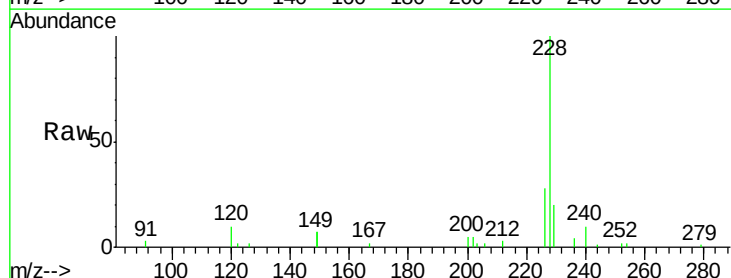
Tgt Ion:228 Resp: 5208

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

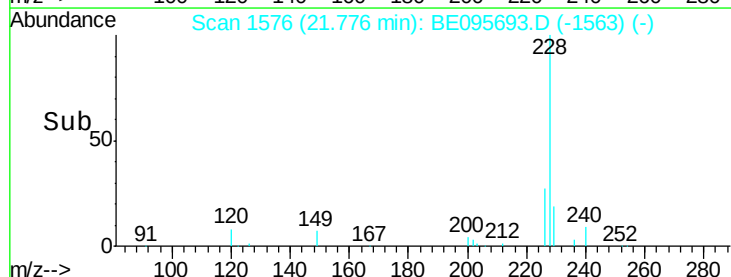
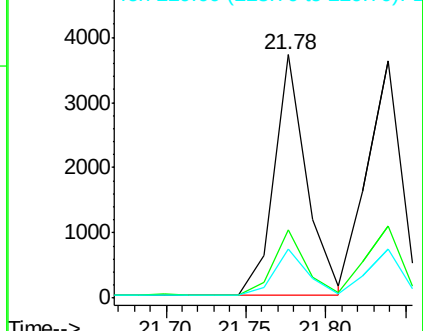
229 20.0 16.0 24.0

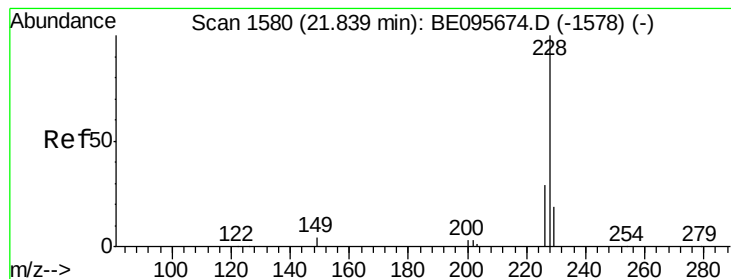


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.238 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

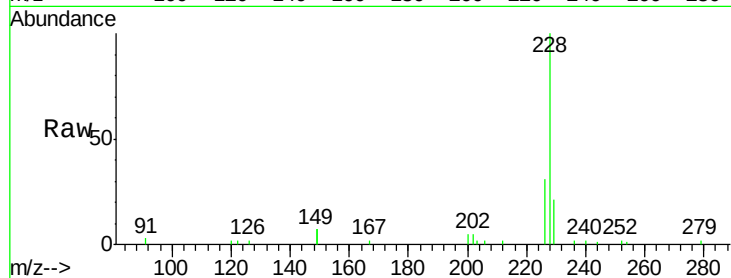
Tot Ion:228 Resp: 5315

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

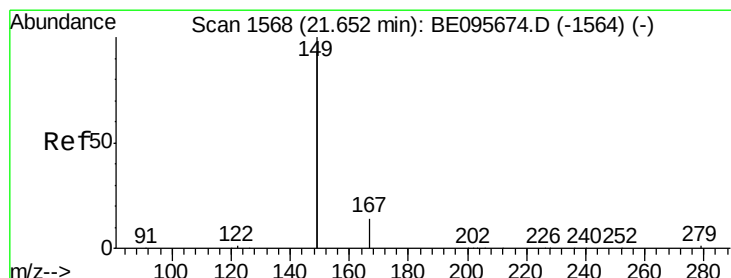
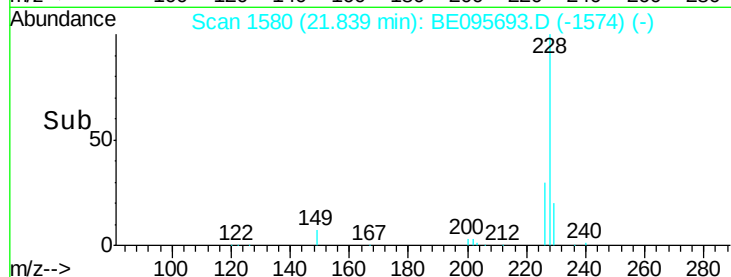
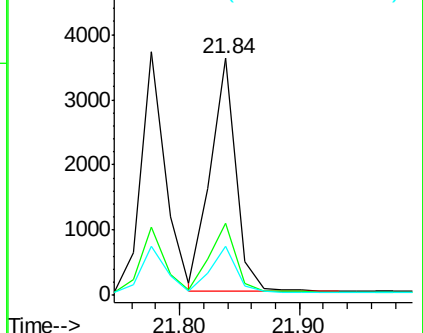
229 20.7 16.0 24.0



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: 0.223 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

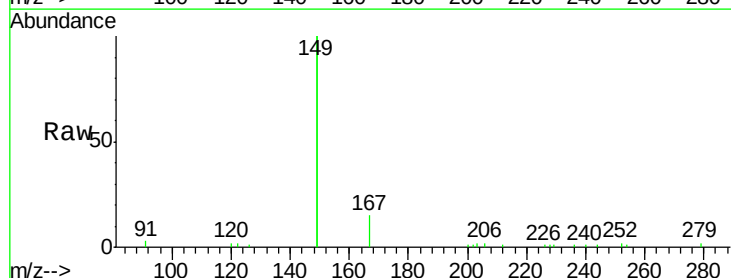
Tgt Ion:149 Resp: 8845

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

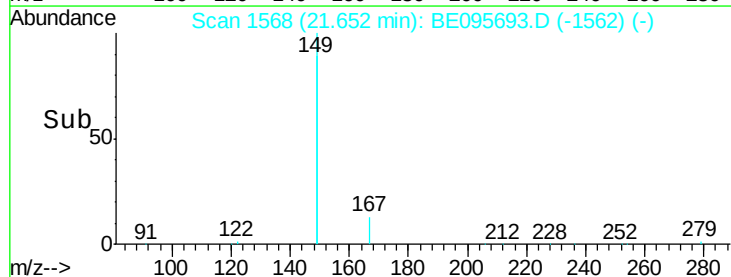
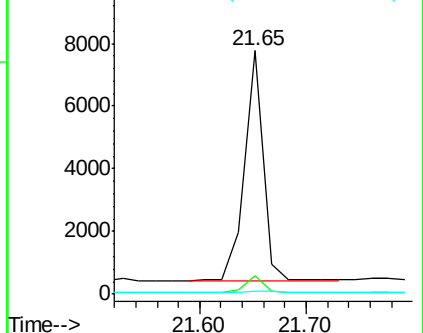
279 0.8 0.7 1.1

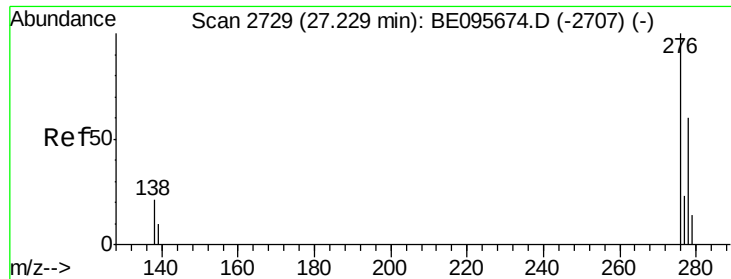


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

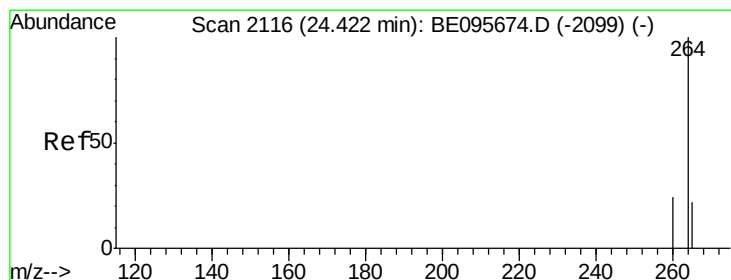
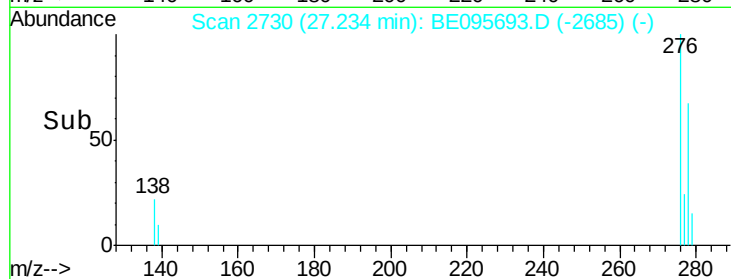
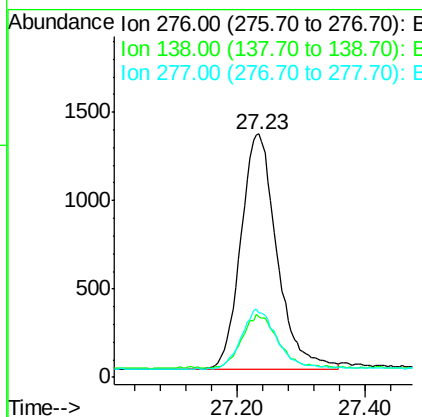
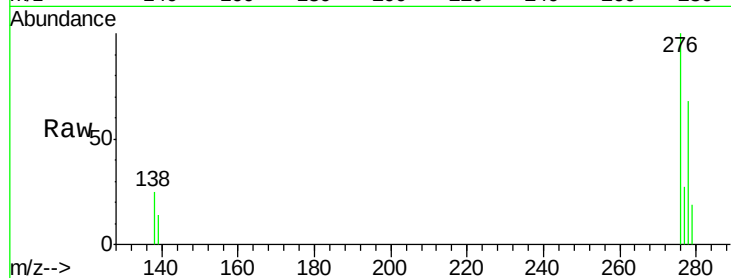




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.241 ng
RT: 27.23 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

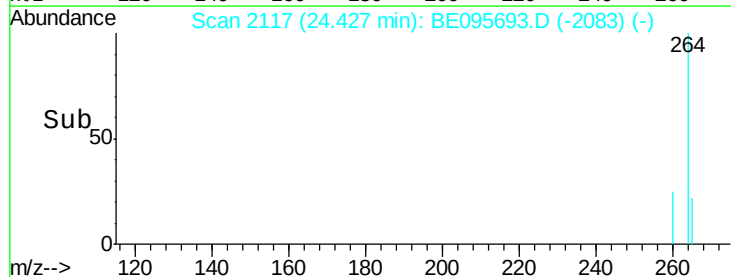
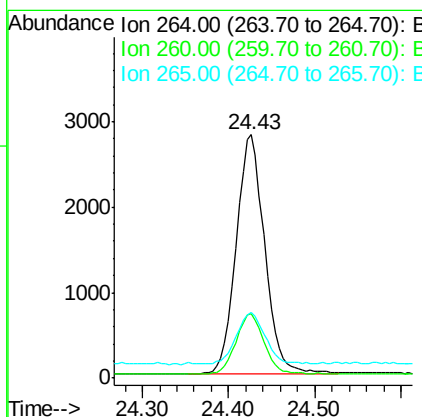
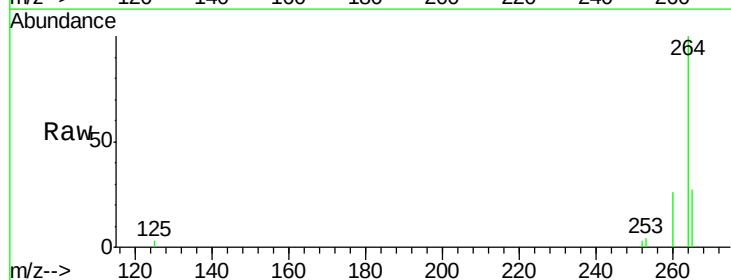
Instrument :
BNA_E
ClientSampleId :

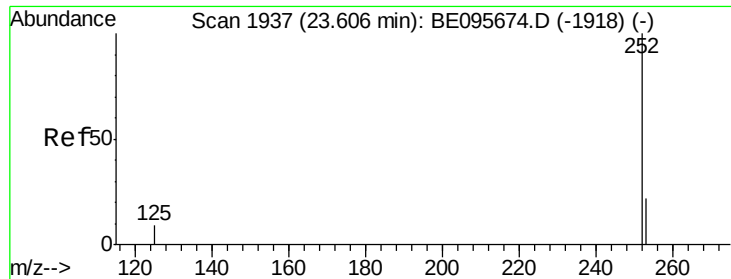
Tot Ion:276 Resp: 5200
Ion Ratio Lower Upper
276 100
138 22.1 22.5 33.7#
277 24.3 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE095693.D
Acq: 26 Feb 2018 17:43

Tgt Ion:264 Resp: 6443
Ion Ratio Lower Upper
264 100
260 26.5 20.5 30.7
265 27.2 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.223 ng

RT: 23.61 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

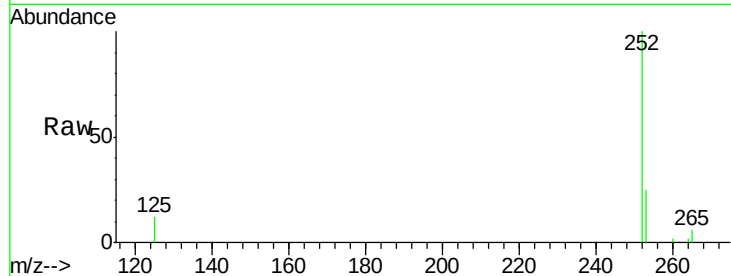
Tot Ion:252 Resp: 5120

Ion Ratio Lower Upper

252 100

253 25.1 20.0 30.0

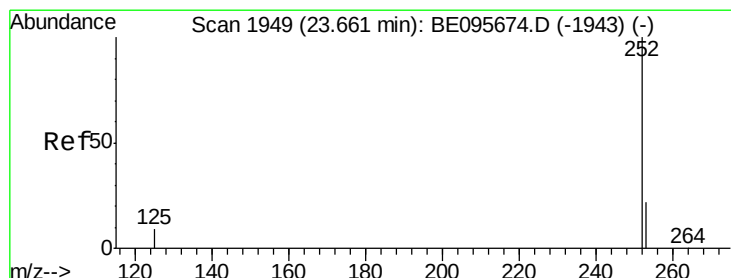
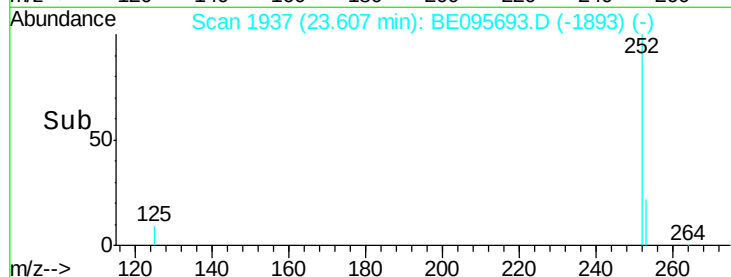
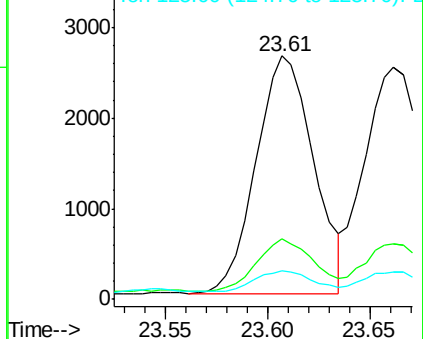
125 12.0 16.0 24.0#



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: 0.223 ng

RT: 23.66 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

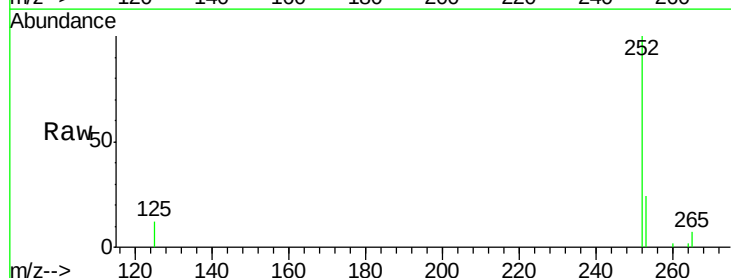
Tgt Ion:252 Resp: 5094

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

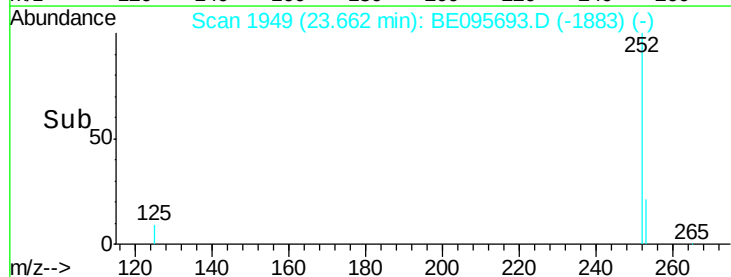
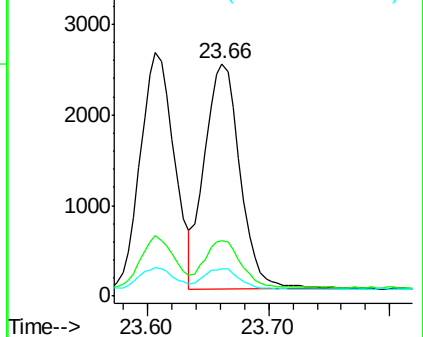
125 11.5 8.0 12.0

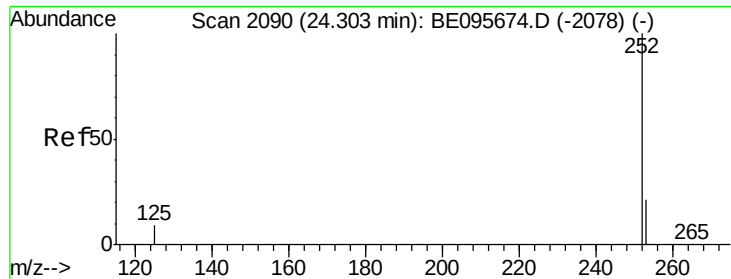


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.231 ng

RT: 24.30 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :

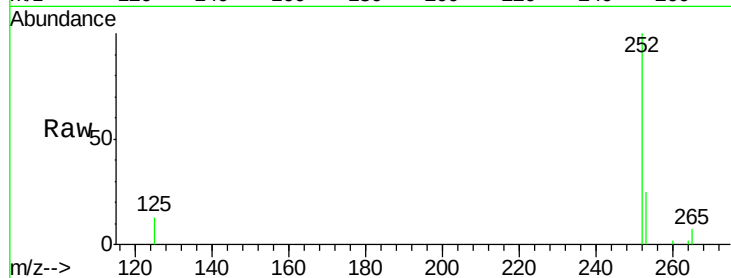
Tot Ion:252 Resp: 4784

Ion Ratio Lower Upper

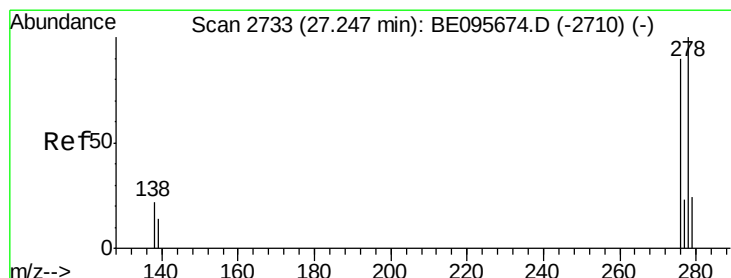
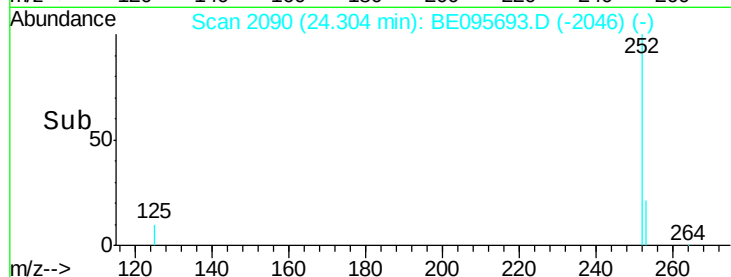
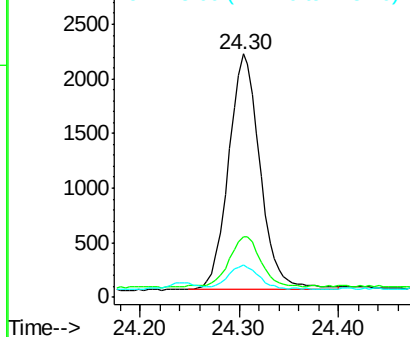
252 100

253 24.7 16.0 24.0#

125 13.4 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: 0.229 ng

RT: 27.25 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

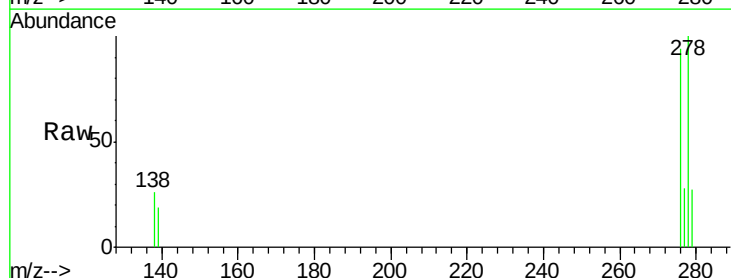
Tgt Ion:278 Resp: 4218

Ion Ratio Lower Upper

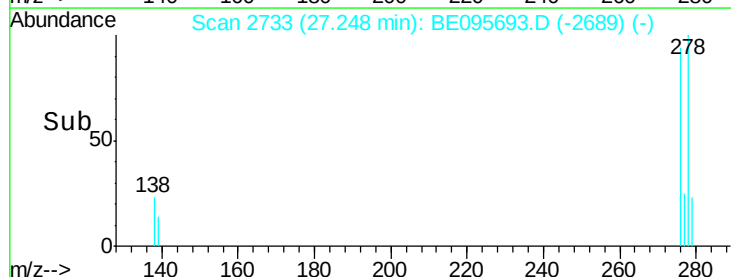
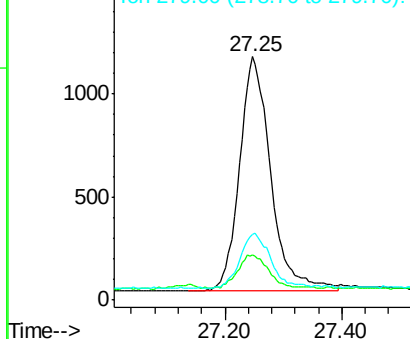
278 100

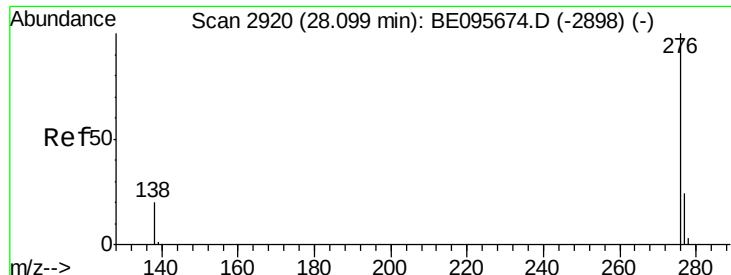
139 18.8 16.0 24.0

279 27.0 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: 0.231 ng

RT: 28.10 min Scan# 2920

Delta R.T. 0.00 min

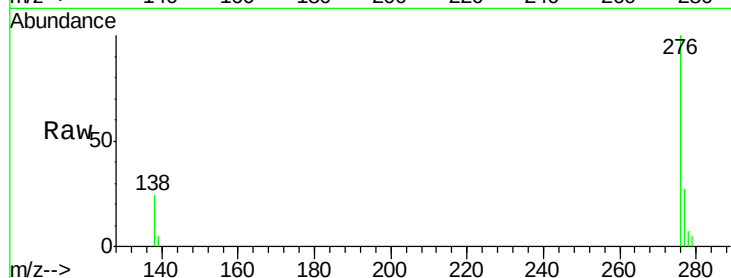
Lab File: BE095693.D

Acq: 26 Feb 2018 17:43

Instrument :

BNA_E

ClientSampleId :



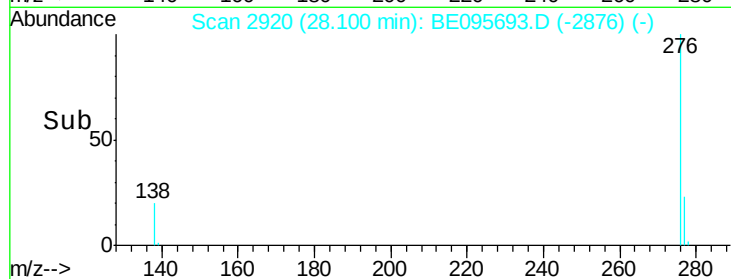
Tot Ion: 276 Resp: 4557

Ion Ratio Lower Upper

276 100

277 26.5 16.0 24.0#

138 23.7 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

