

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095551.D
 Acq On : 7 Feb 2018 13:30
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL 0.1ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 08 01:14:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1373	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	5521	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3178	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7562	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7754	0.40	ng	0.00
34) Perylene-d12	24.43	264	7169	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1209	0.29	ng	0.00
5) Phenol-d6	7.56	99	1600	0.28	ng	0.00
8) Nitrobenzene-d5	9.61	82	1649	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2590	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	319	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	4067	0.30	ng	0.00
25) Fluoranthene-d10	19.69	212	27819	0.28	ng	0.00
29) Terphenyl-d14	20.25	244	4812	0.29	ng	0.00

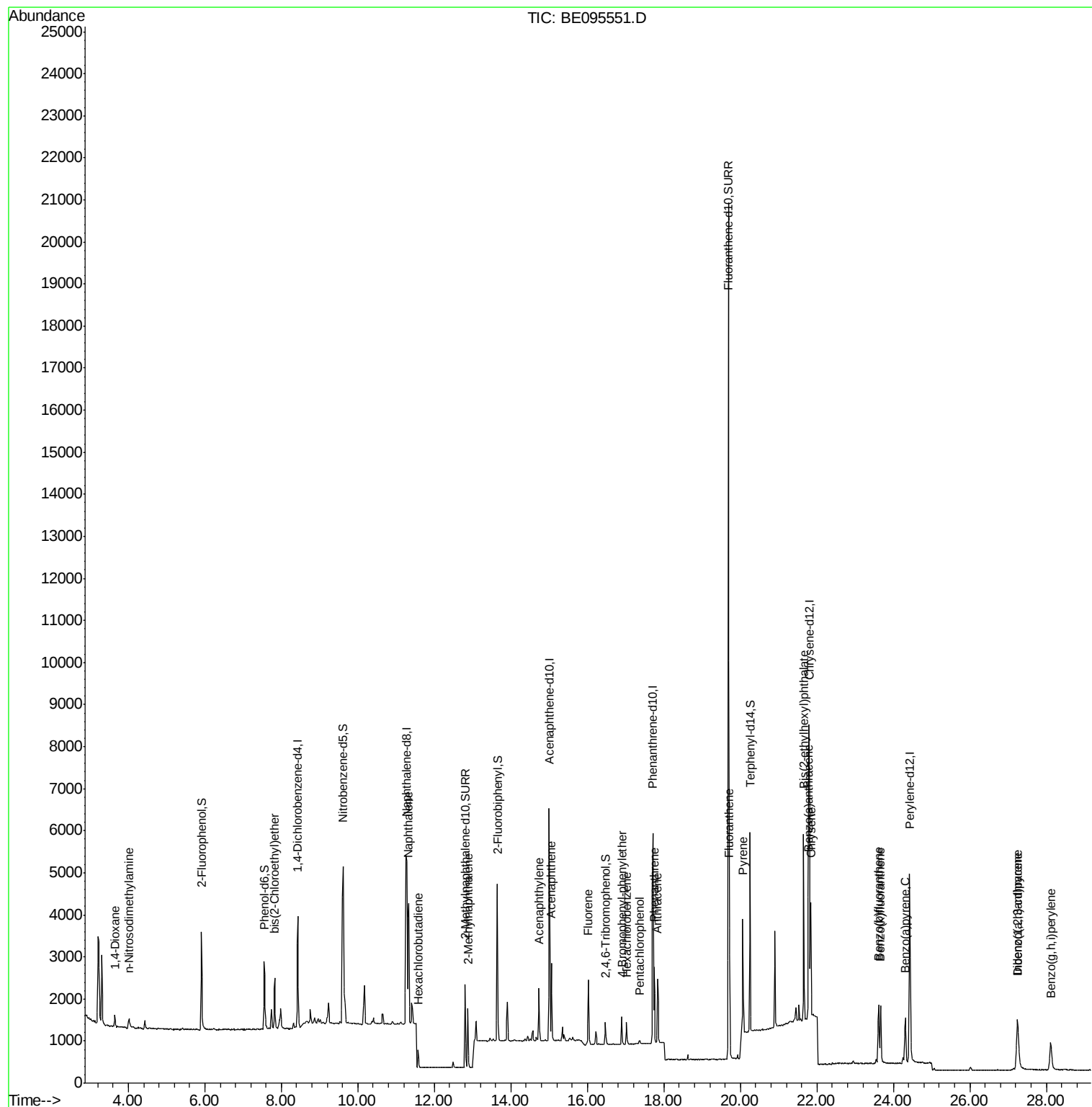
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	266	0.117	ng	90
3) n-Nitrosodimethylamine	4.01	42	210	0.073	ng	# 83
6) bis(2-Chloroethyl)ether	7.83	93	459	0.087	ng	93
9) Naphthalene	11.33	128	5547	0.087	ng	# 97
10) Hexachlorobutadiene	11.58	225	279	0.081	ng	95
12) 2-Methylnaphthalene	12.88	142	932	0.086	ng	93
16) Acenaphthylene	14.74	152	1488	0.082	ng	98
17) Acenaphthene	15.06	154	965	0.086	ng	94
18) Fluorene	16.02	166	1238	0.087	ng	# 79
20) 4-Bromophenyl-phenylether	16.91	248	384	0.084	ng	# 68
21) Hexachlorobenzene	17.03	284	415	0.088	ng	# 88
22) Pentachlorophenol	17.37	266	69	0.198	ng	92
23) Phenanthrene	17.74	178	2102	0.091	ng	99
24) Anthracene	17.83	178	1760	0.081	ng	# 94
26) Fluoranthene	19.71	202	2529	0.086	ng	98
28) Pyrene	20.06	202	2747	0.084	ng	98
30) Benzo(a)anthracene	21.78	228	2264	0.088	ng	99
31) Chrysene	21.84	228	2282	0.090	ng	95
32) Bis(2-ethylhexyl)phthalate	21.65	149	5021	0.084	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	1998	0.081	ng	# 92
35) Benzo(b)fluoranthene	23.61	252	2081	0.085	ng	92
36) Benzo(k)fluoranthene	23.67	252	2071	0.082	ng	# 84
37) Benzo(a)pyrene	24.31	252	1859	0.082	ng	# 85
38) Dibenzo(a,h)anthracene	27.26	278	1583	0.079	ng	# 84
39) Benzo(g,h,i)perylene	28.11	276	1799	0.084	ng	# 82

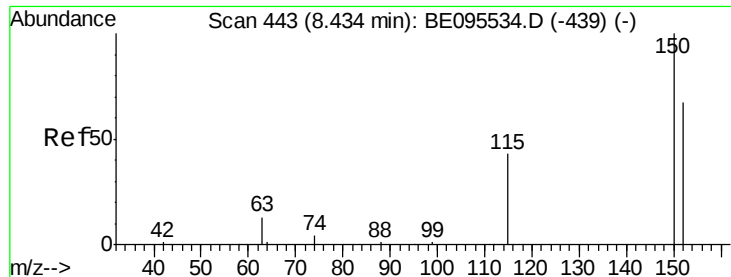
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.43 min Scan# 443

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

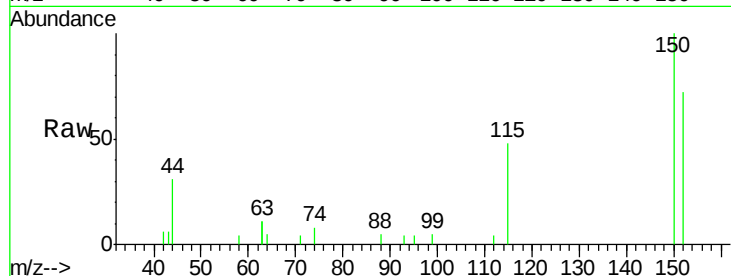
Tot Ion:152 Resp: 1373

Ion Ratio Lower Upper

152 100

150 138.8 117.2 175.8

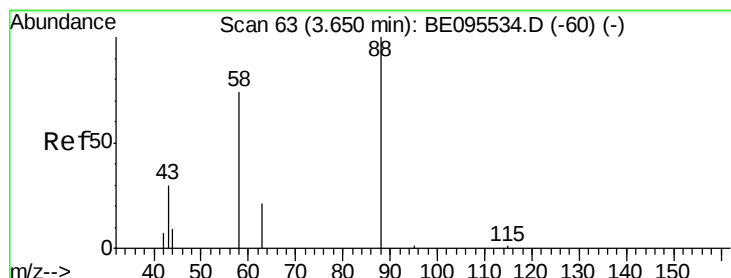
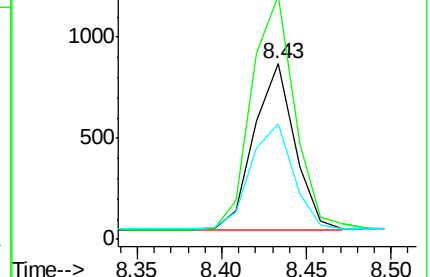
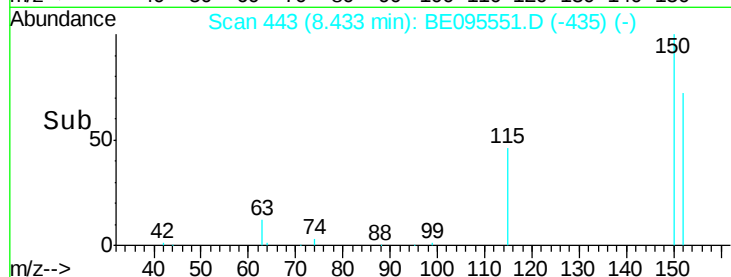
115 66.2 57.0 85.6



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: 0.117 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

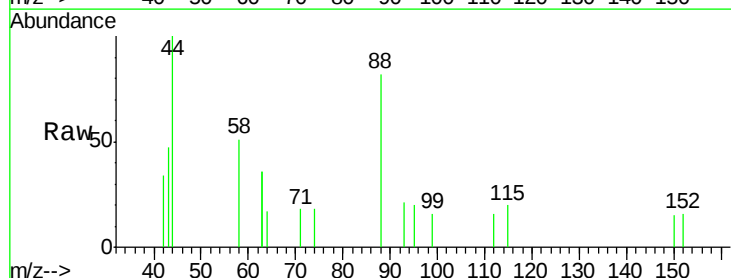
Tgt Ion: 88 Resp: 266

Ion Ratio Lower Upper

88 100

58 68.4 63.2 94.8

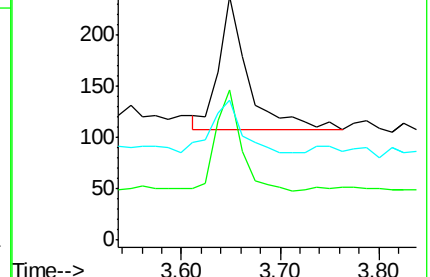
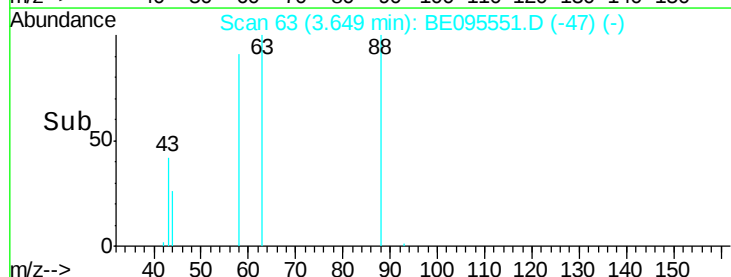
43 45.9 41.2 61.8

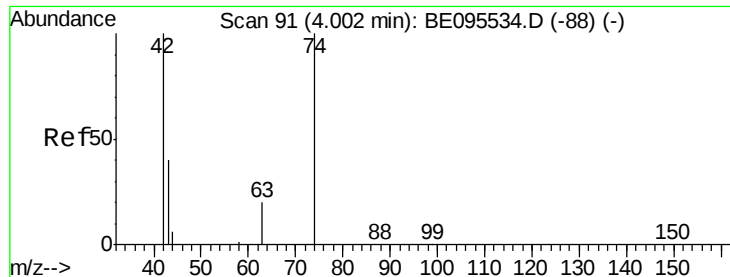


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



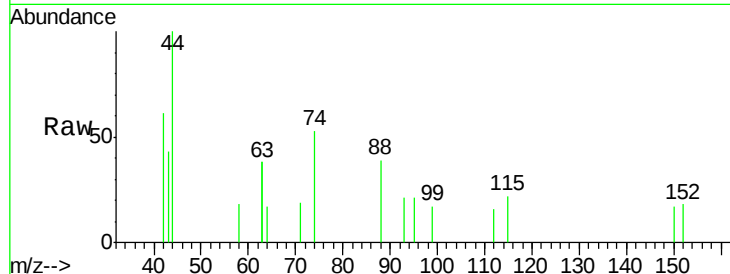


#3

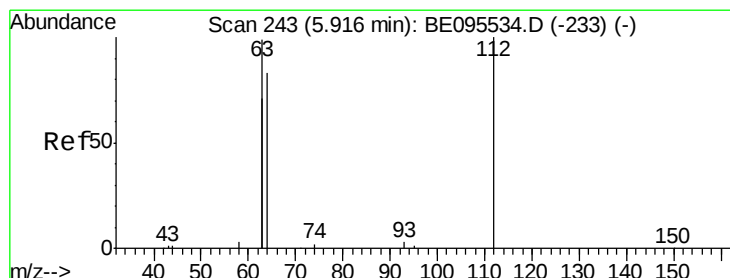
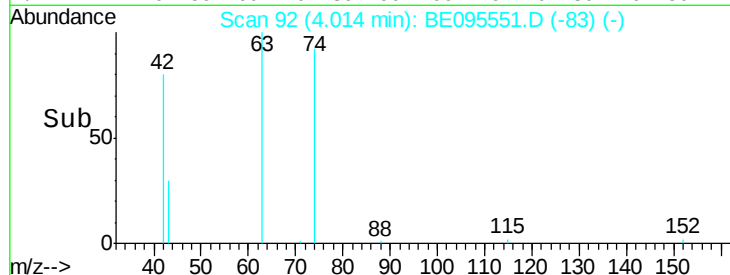
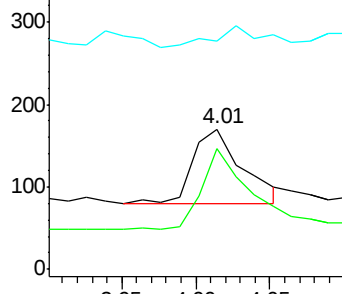
n-Nitrosodimethylamine
 Concen: 0.073 ng
 RT: 4.01 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BE095551.D
 Acq: 7 Feb 2018 13:30

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 210
 Ion Ratio Lower Upper
 42 100
 74 100.5 96.0 144.0
 44 21.4 12.0 18.0#



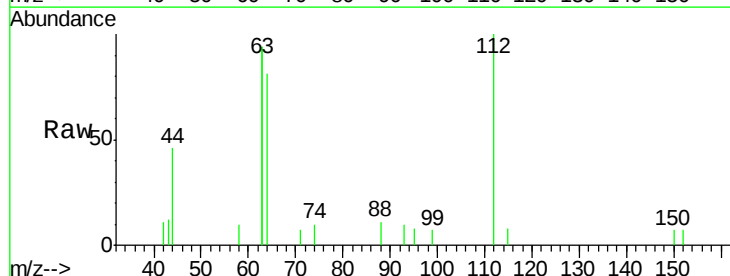
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



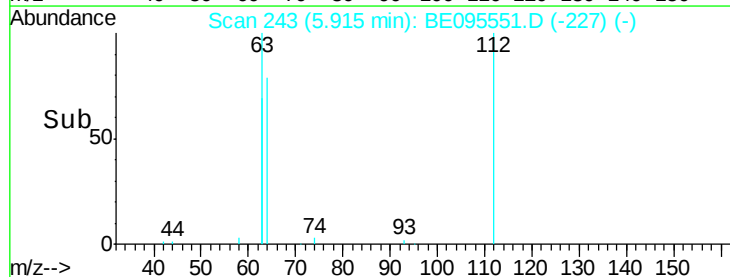
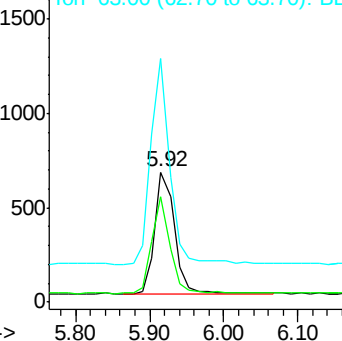
#4

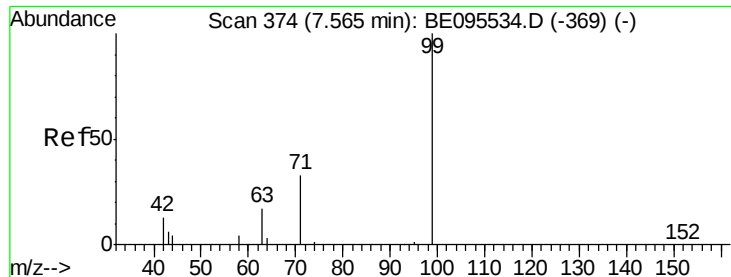
2-Fluorophenol
 Concen: 0.292 ng
 RT: 5.92 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: BE095551.D
 Acq: 7 Feb 2018 13:30

Tgt Ion: 112 Resp: 1209
 Ion Ratio Lower Upper
 112 100
 64 73.6 60.1 90.1
 63 164.4 116.8 175.2



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: 0.279 ng

RT: 7.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampled :

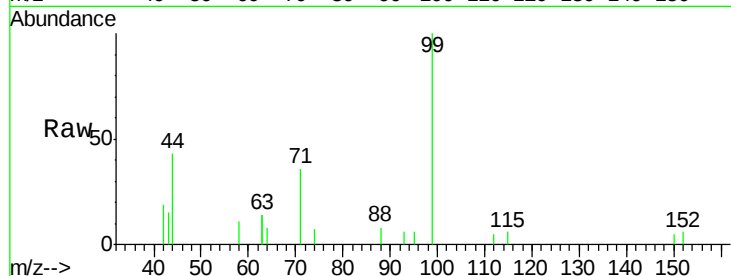
Tot Ion: 99 Resp: 1600

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

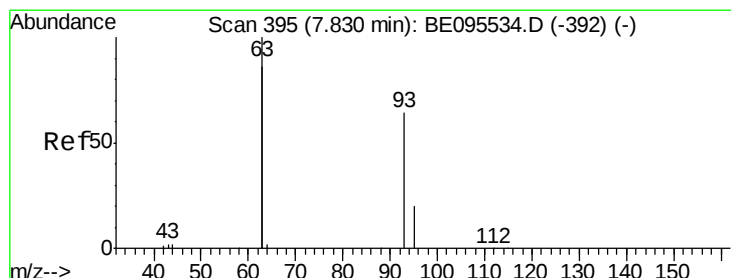
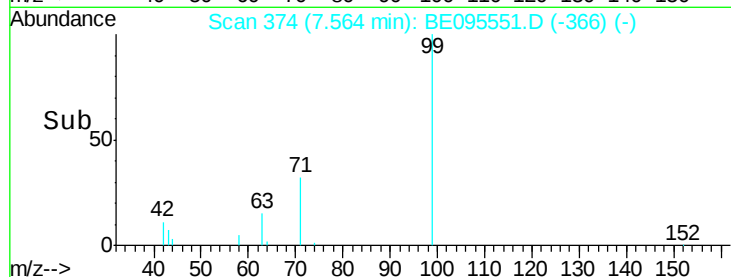
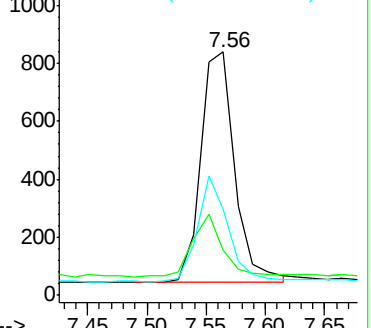
71 41.3 28.4 42.6



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: 0.087 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

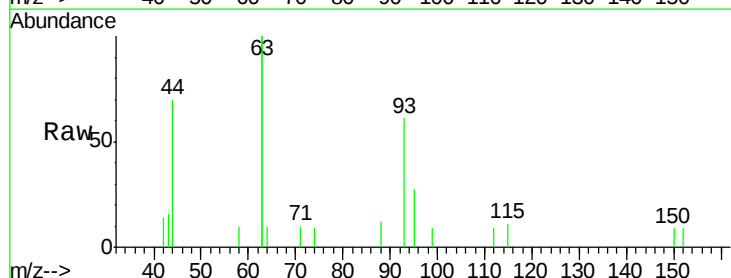
Tgt Ion: 93 Resp: 459

Ion Ratio Lower Upper

93 100

63 329.4 275.3 412.9

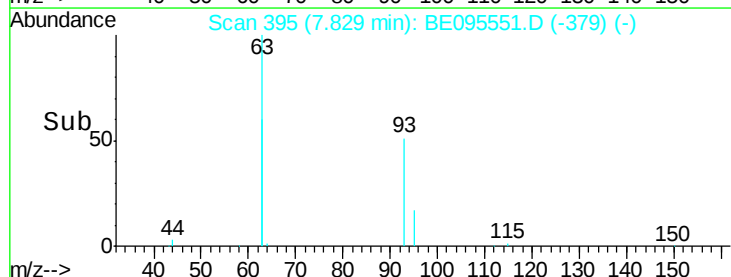
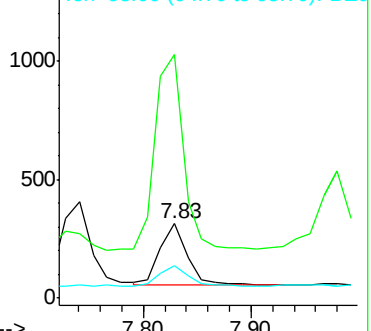
95 35.7 25.2 37.8

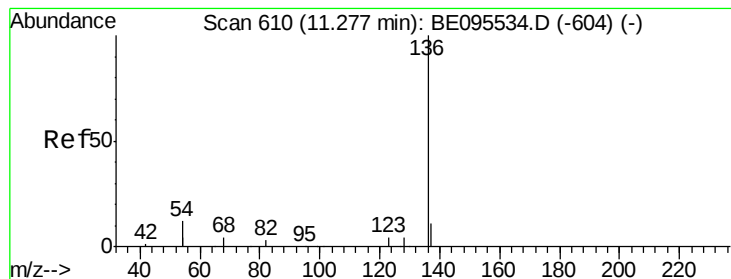


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 5521

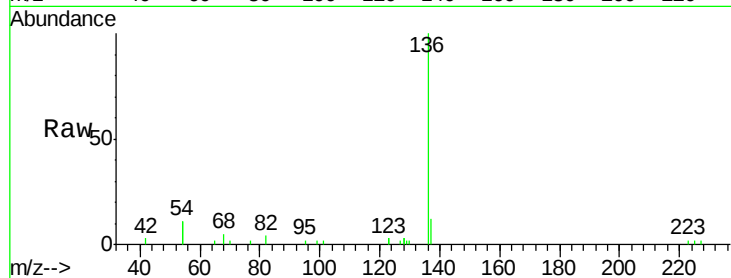
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 22.6 29.1 43.7#

68 5.0 6.2 9.2#

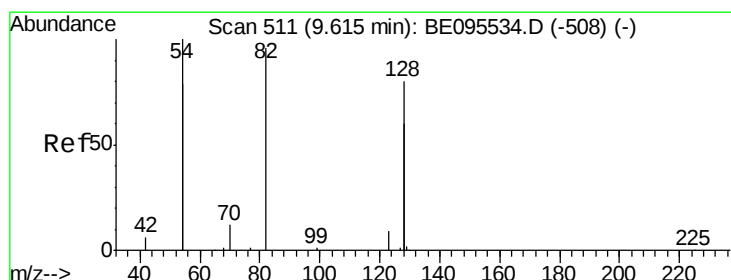
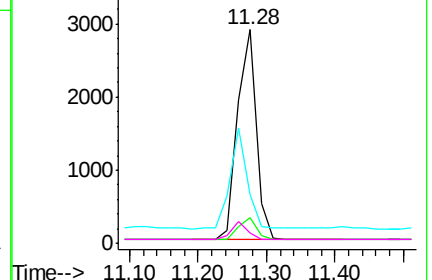
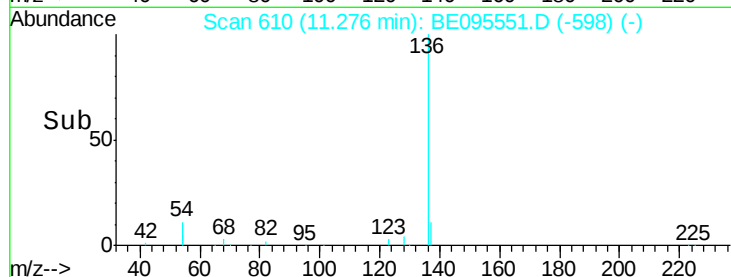


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

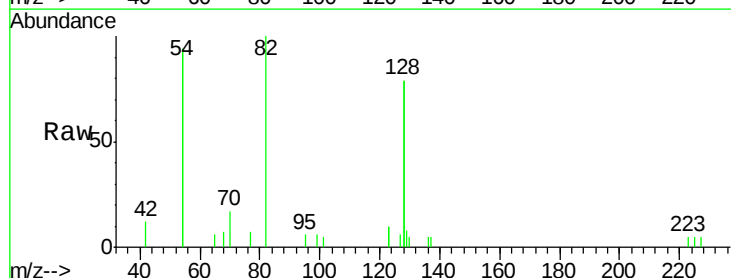
Tgt Ion: 82 Resp: 1649

Ion Ratio Lower Upper

82 100

128 157.3 150.0 225.0

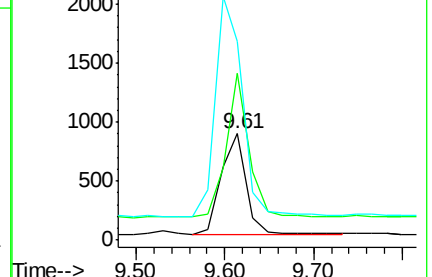
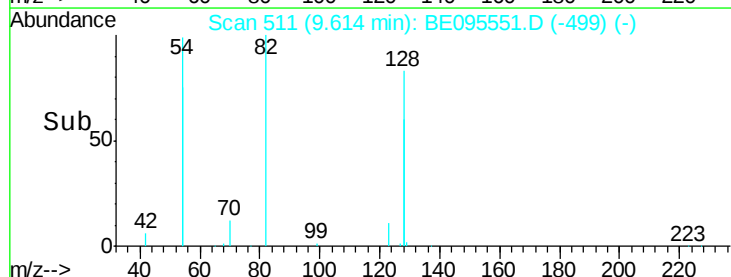
54 187.1 154.2 231.4

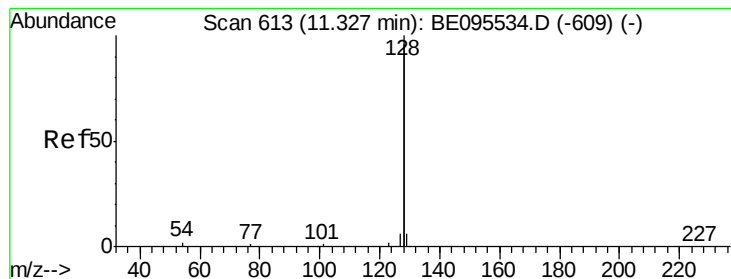


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.087 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

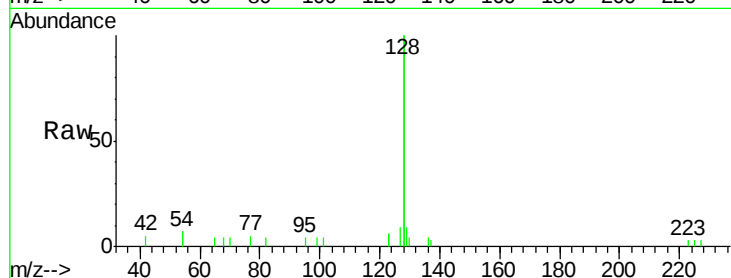
Tot Ion:128 Resp: 5547

Ion Ratio Lower Upper

128 100

129 4.4 2.6 3.8#

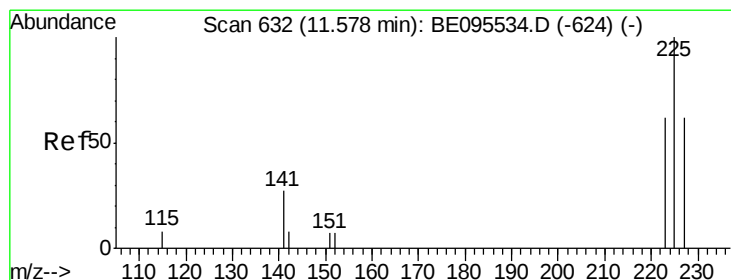
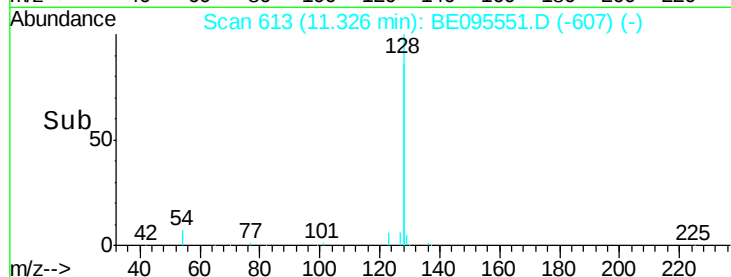
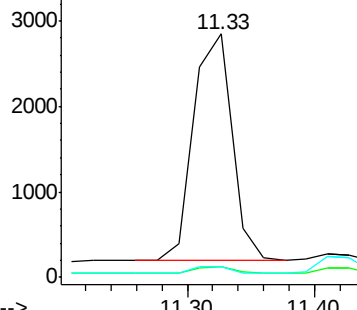
127 4.5 2.8 4.2#



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: 0.081 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

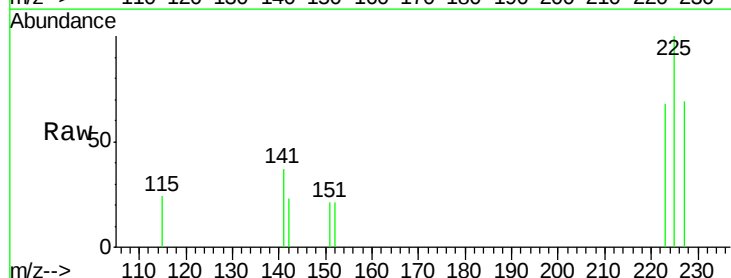
Tgt Ion:225 Resp: 279

Ion Ratio Lower Upper

225 100

223 74.2 53.0 79.6

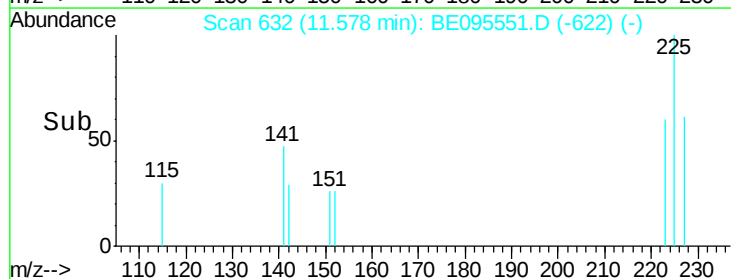
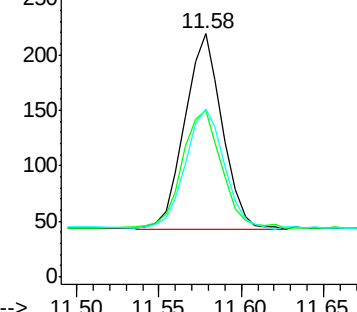
227 64.2 51.4 77.2

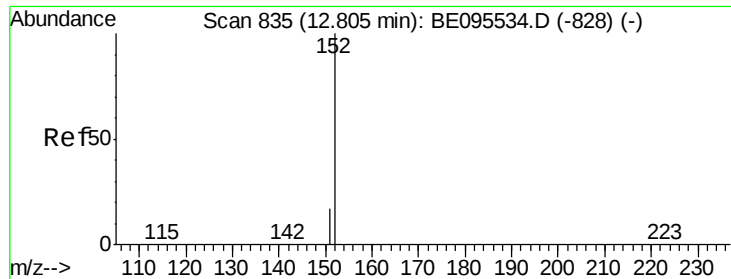


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

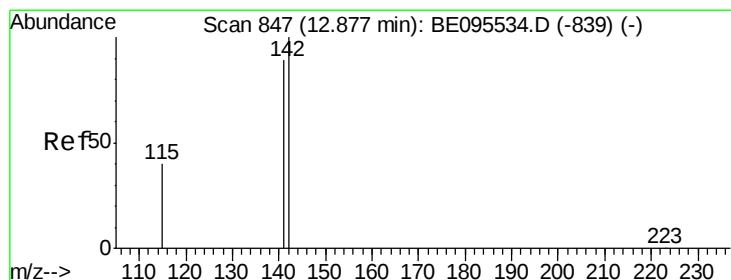
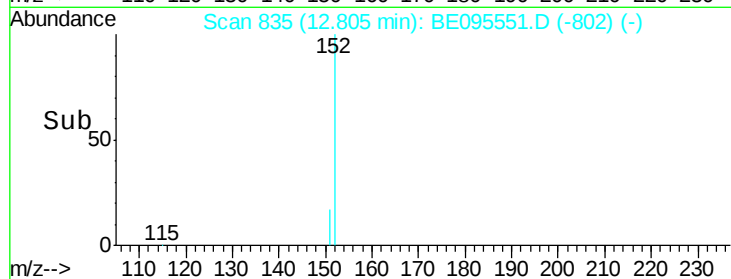
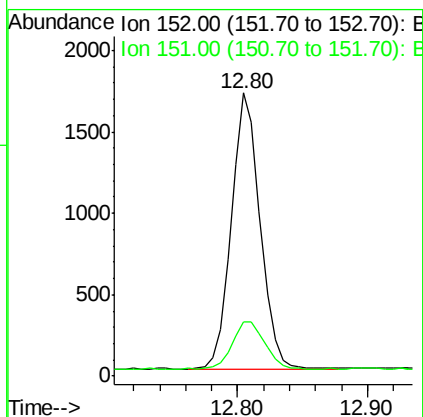
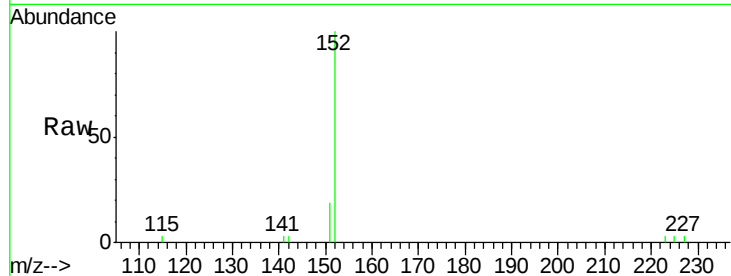




#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

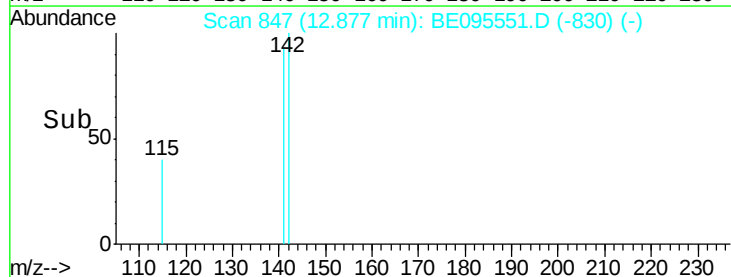
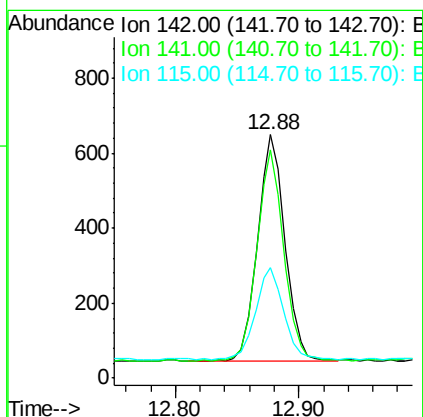
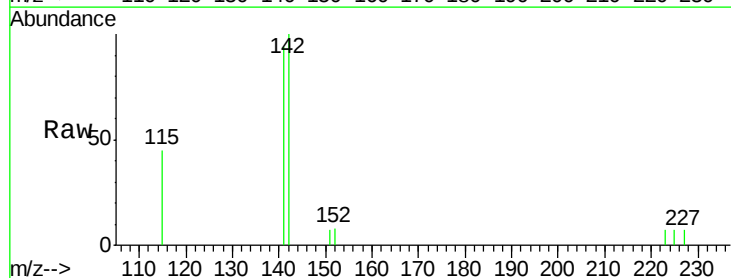
Instrument :
BNA_E
ClientSampleId :

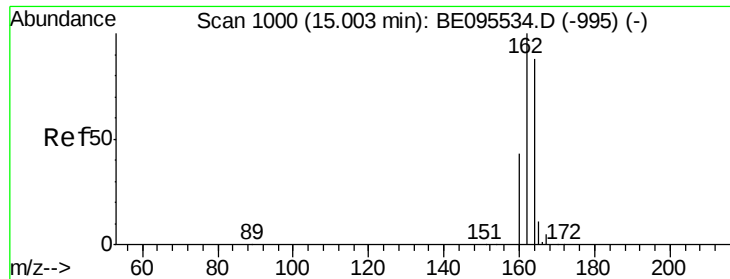
Tot Ion:152 Resp: 2590
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:142 Resp: 932
Ion Ratio Lower Upper
142 100
141 93.8 70.4 105.6
115 45.3 31.7 47.5

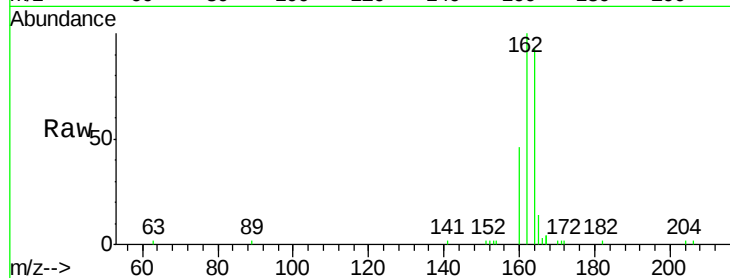




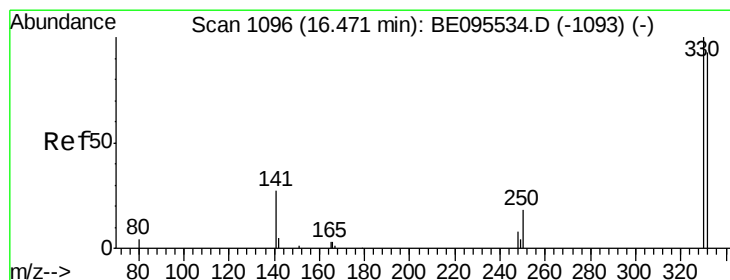
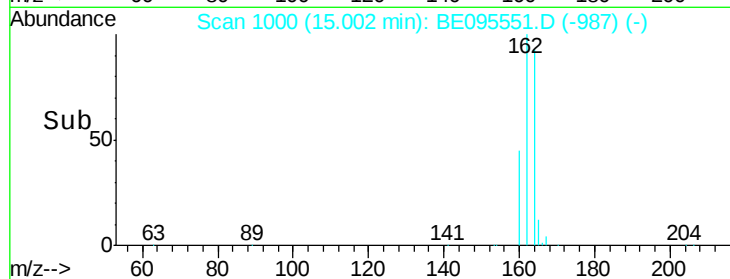
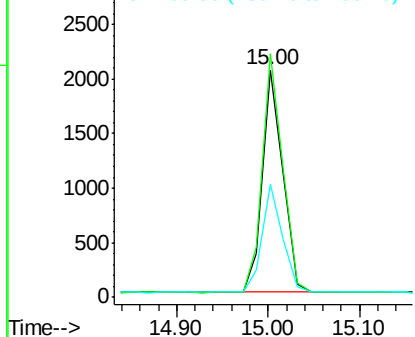
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3178
Ion Ratio Lower Upper
164 100
162 107.1 83.1 124.7
160 49.8 37.1 55.7

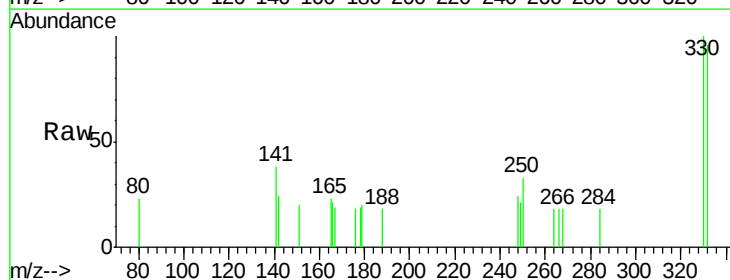


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

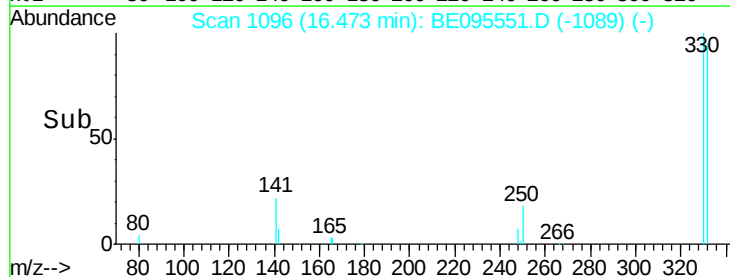
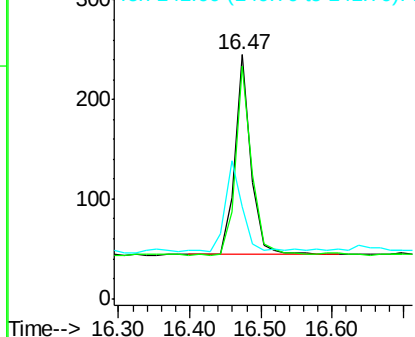


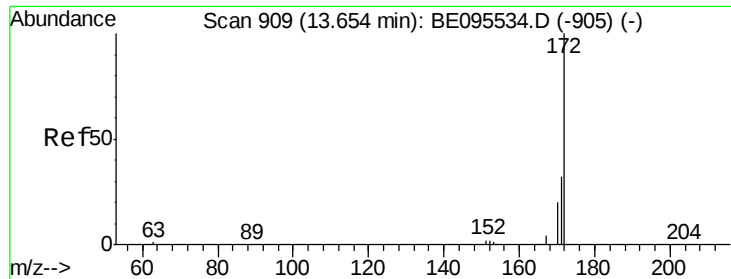
#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:330 Resp: 319
Ion Ratio Lower Upper
330 100
332 96.9 152.7 229.1#
141 45.1 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

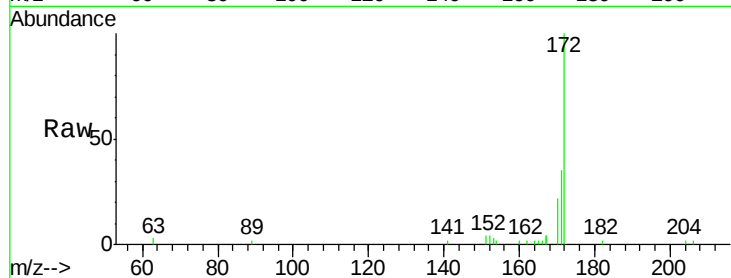




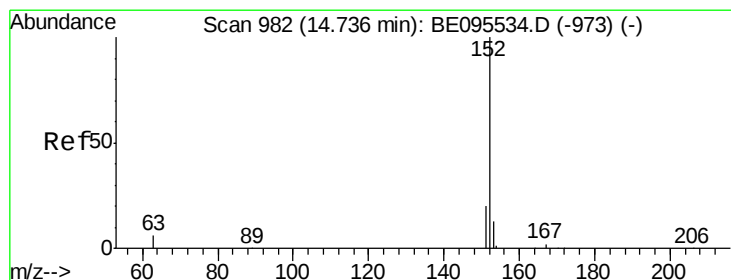
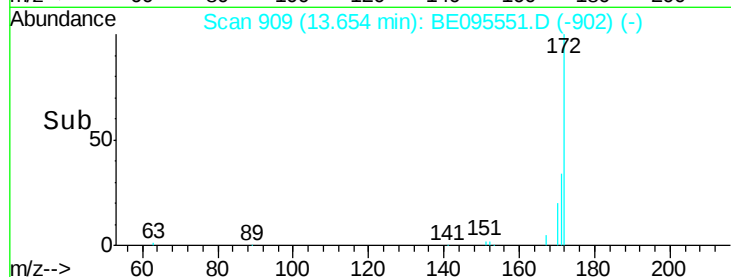
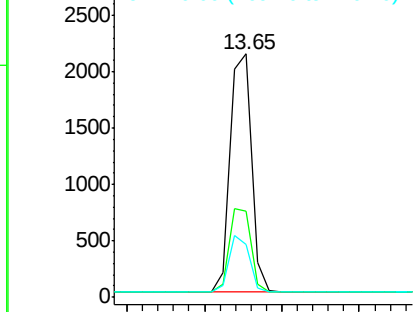
#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.65 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4067
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 21.5 21.8 32.8#

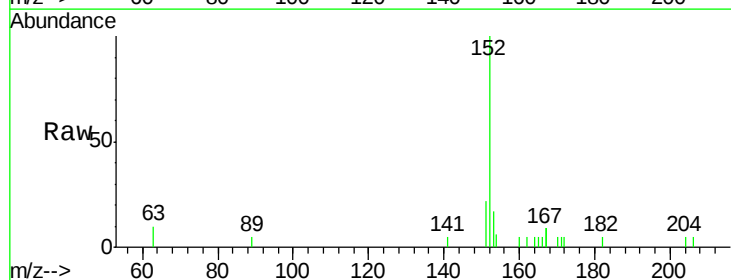


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

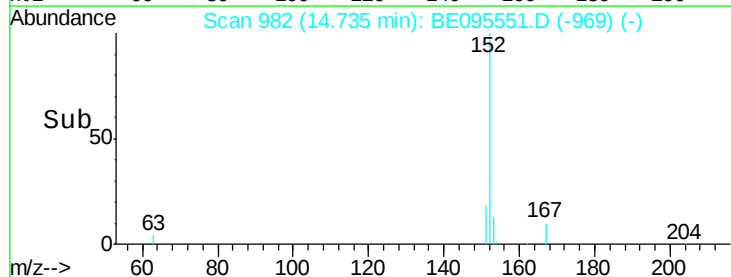
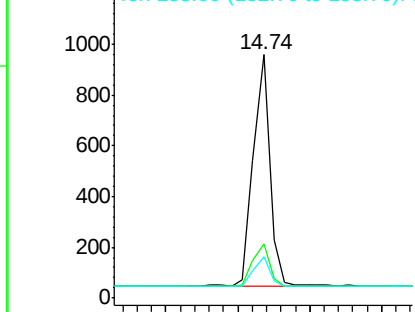


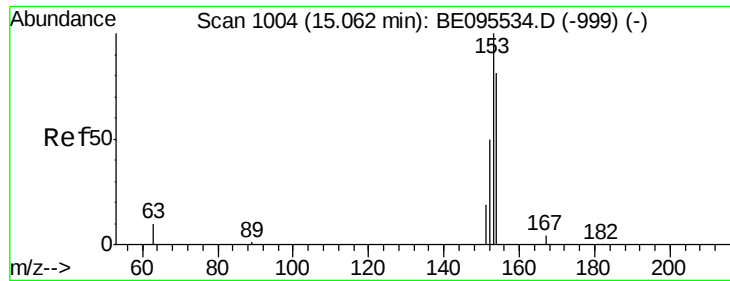
#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.74 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:152 Resp: 1488
Ion Ratio Lower Upper
152 100
151 18.8 15.7 23.5
153 12.6 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

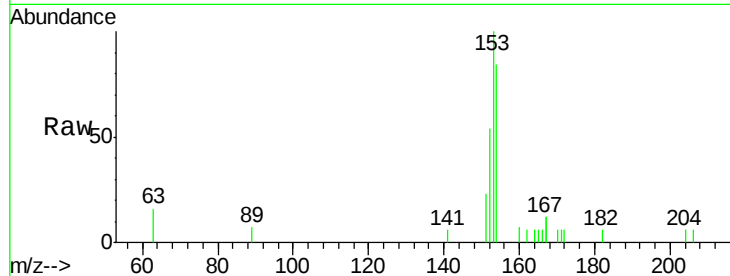




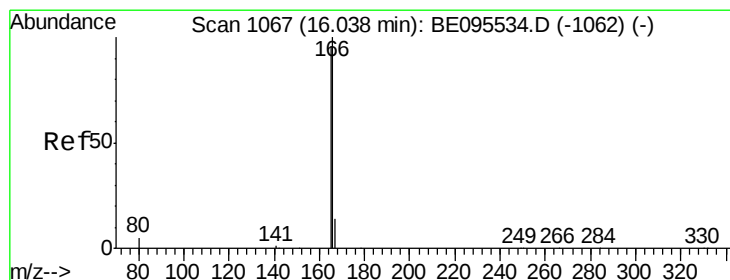
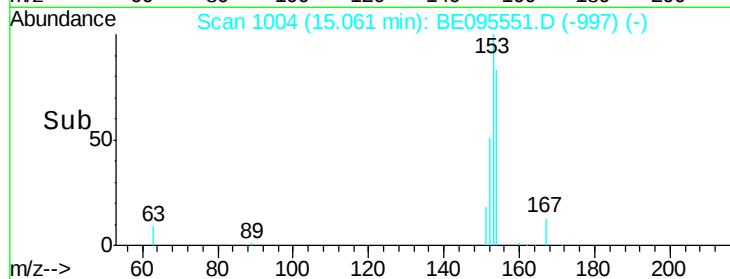
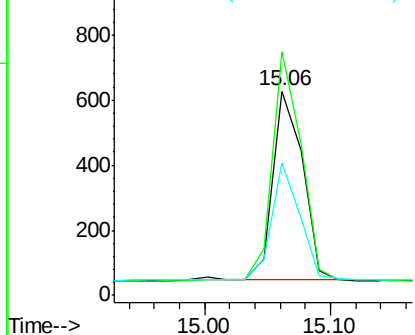
#17
Acenaphthene
Concen: 0.086 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 965
Ion Ratio Lower Upper
154 100
153 116.5 89.2 133.8
152 57.7 42.0 63.0

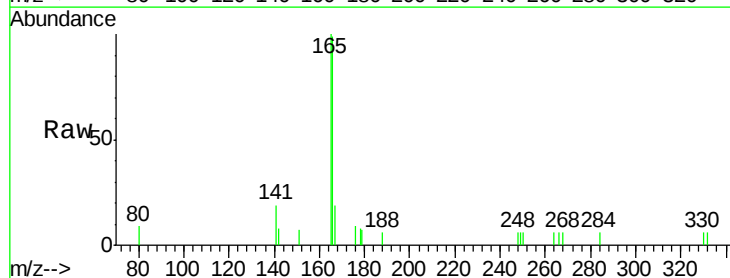


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

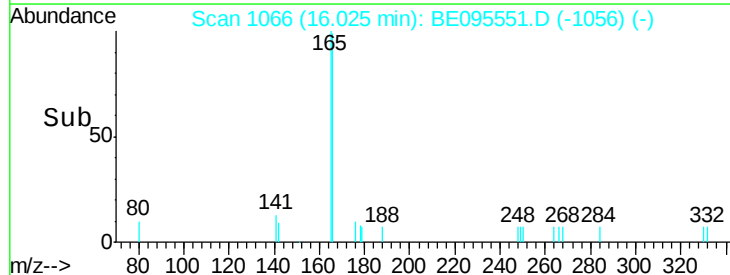
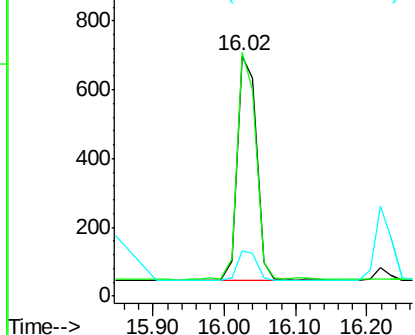


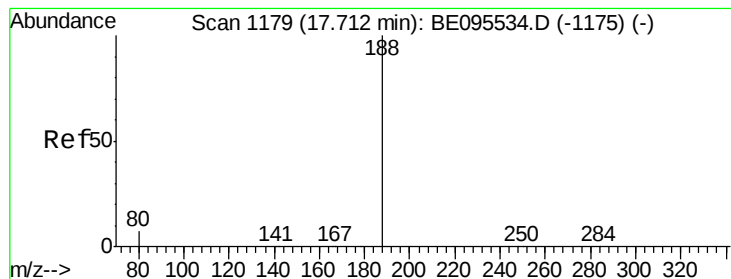
#18
Fluorene
Concen: 0.087 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:166 Resp: 1238
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.6
167 13.6 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. 0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

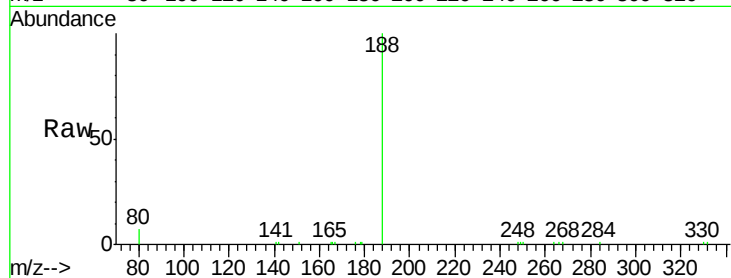
Tot Ion:188 Resp: 7562

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

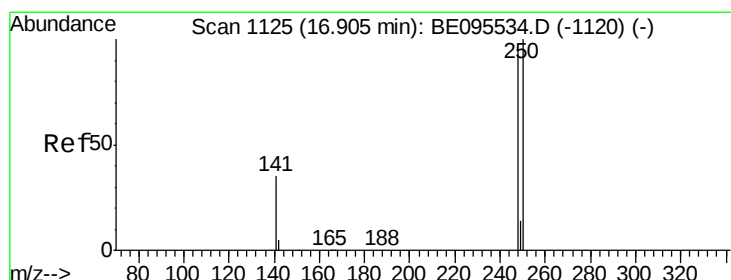
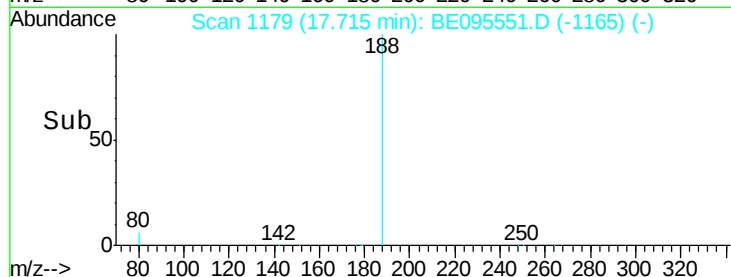
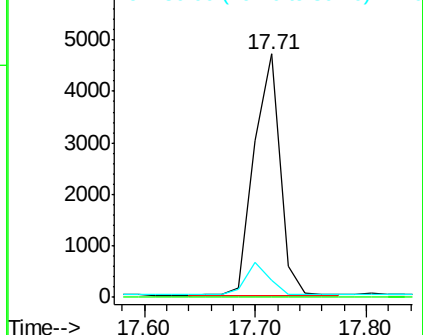
80 7.2 3.6 5.4#



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: 0.084 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

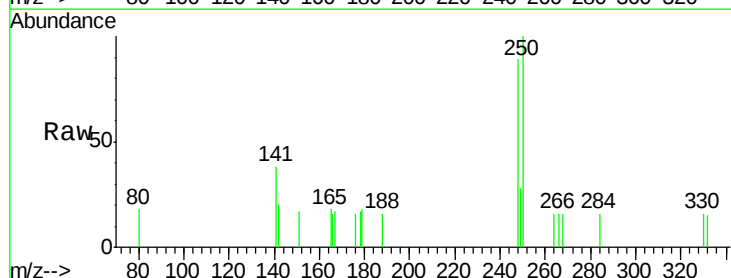
Tgt Ion:248 Resp: 384

Ion Ratio Lower Upper

248 100

250 112.4 62.7 94.1#

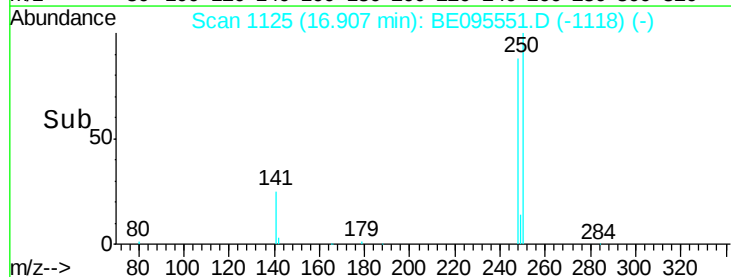
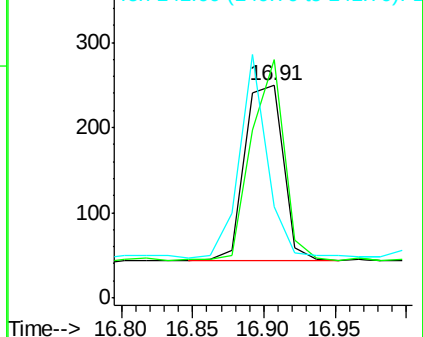
141 43.0 48.2 72.2#

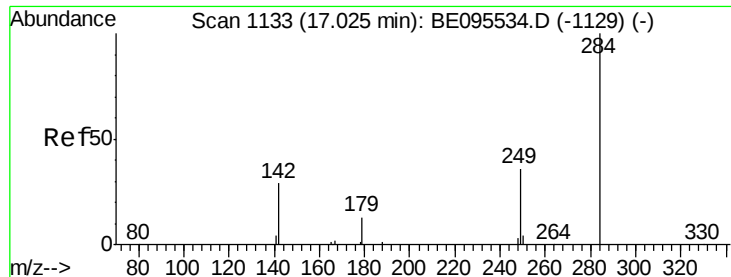


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.088 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

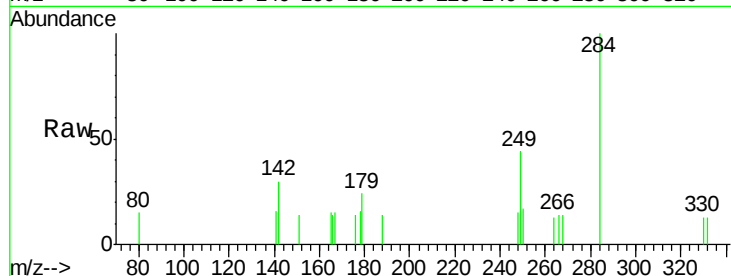
Tot Ion:284 Resp: 415

Ion Ratio Lower Upper

284 100

142 39.3 22.1 33.1#

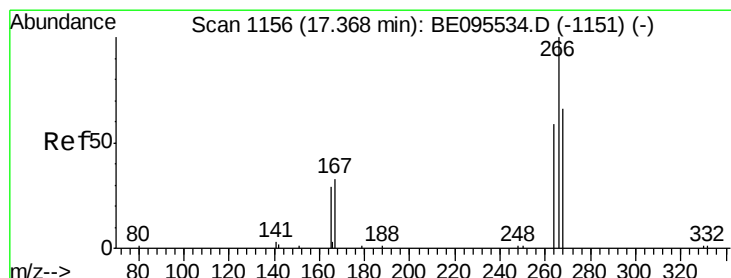
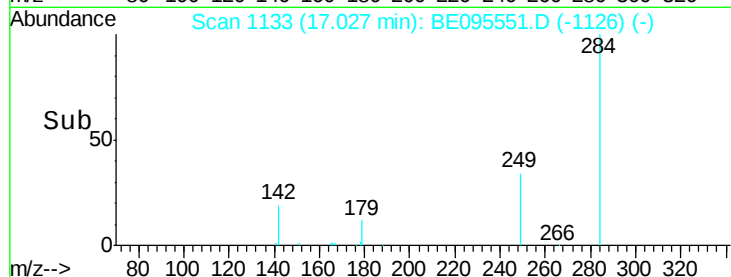
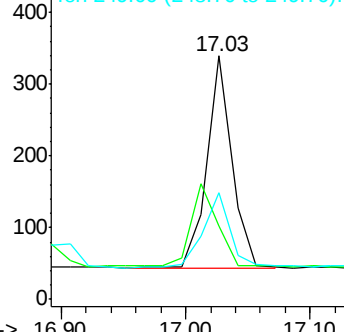
249 40.0 34.8 52.2



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: 0.198 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

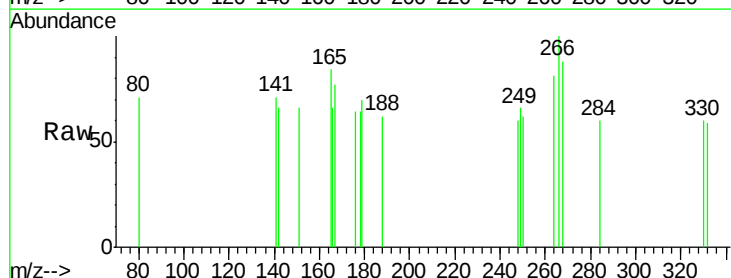
Tgt Ion:266 Resp: 69

Ion Ratio Lower Upper

266 100

264 80.8 72.5 108.7

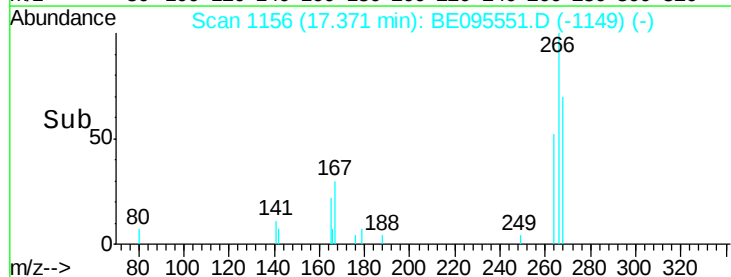
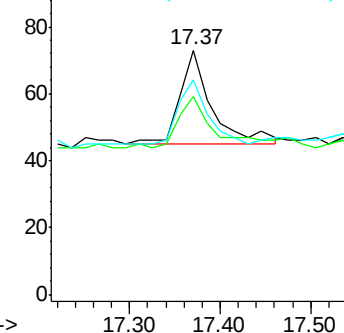
268 87.7 73.8 110.6

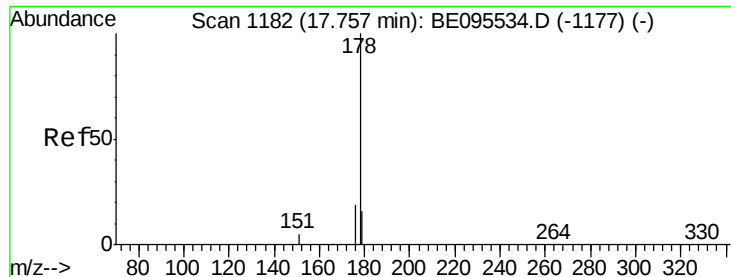


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.091 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

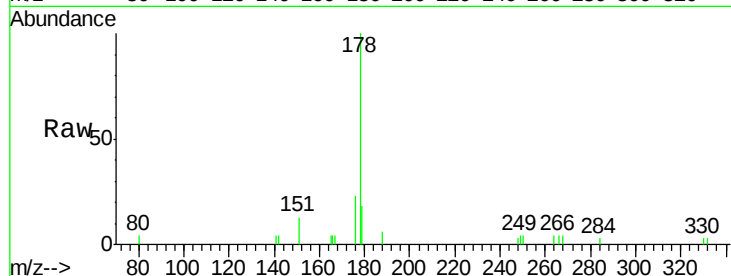
Tot Ion:178 Resp: 2102

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

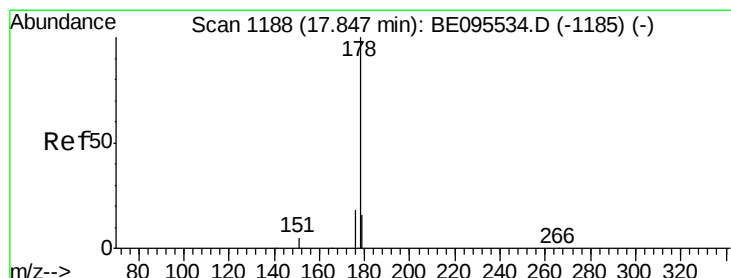
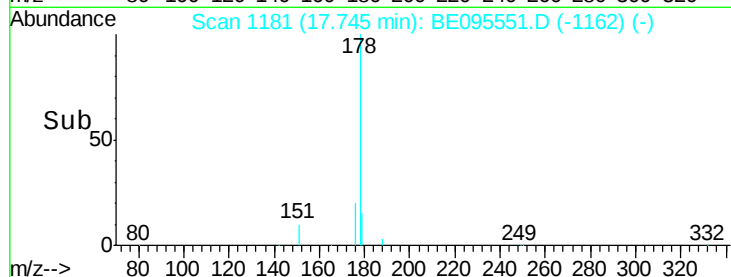
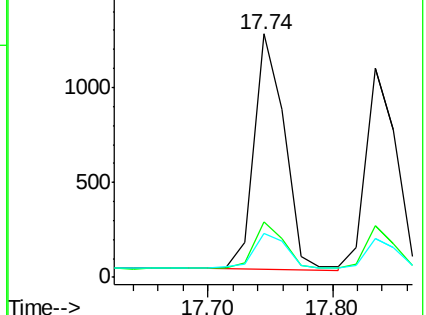
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.081 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

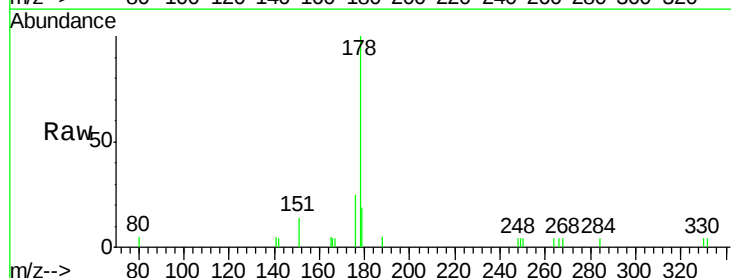
Tgt Ion:178 Resp: 1760

Ion Ratio Lower Upper

178 100

176 20.2 12.8 19.2#

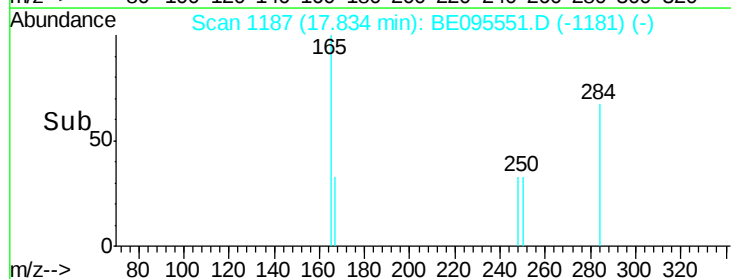
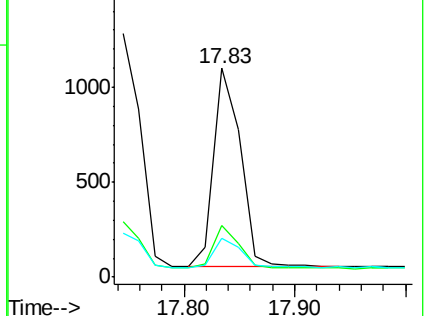
179 15.7 13.0 19.6

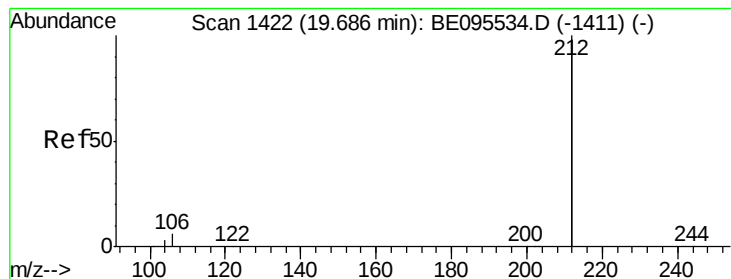


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.279 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampled :

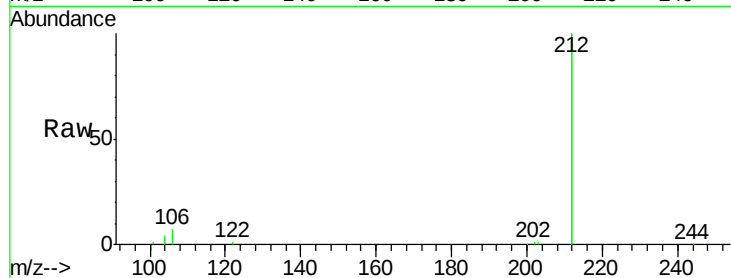
Tot Ion:212 Resp: 27819

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

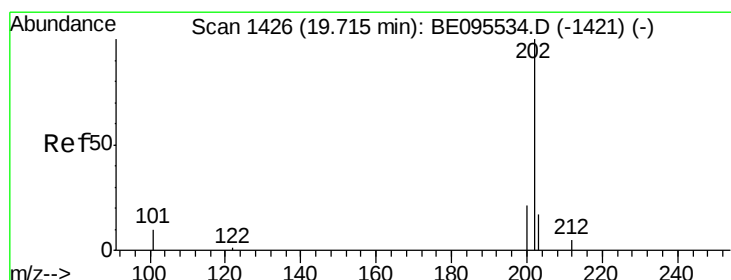
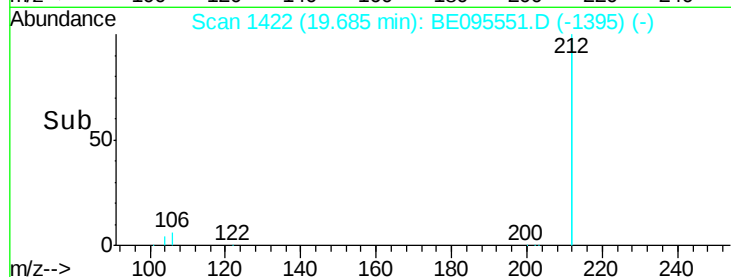
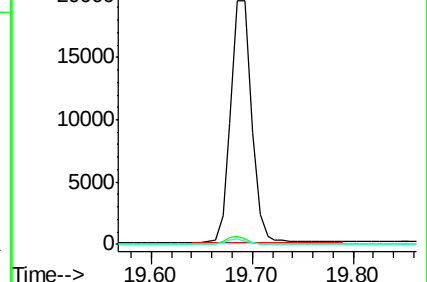
104 1.8 1.6 2.4



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: 0.086 ng

RT: 19.71 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

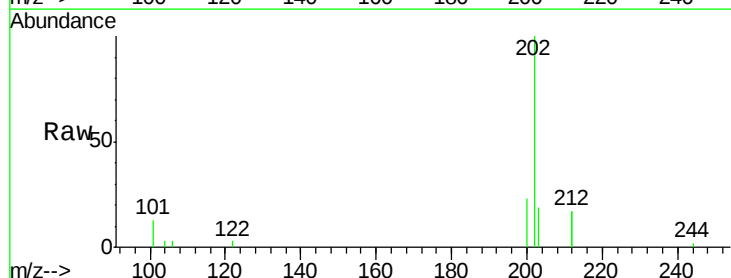
Tgt Ion:202 Resp: 2529

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

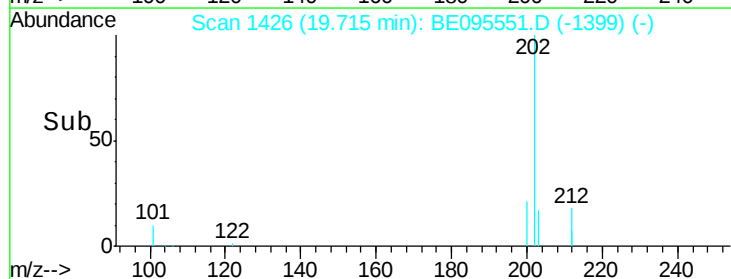
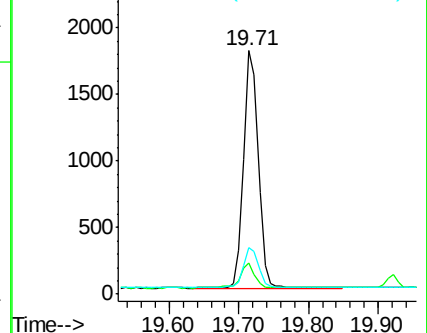
203 17.6 13.7 20.5



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: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampled :

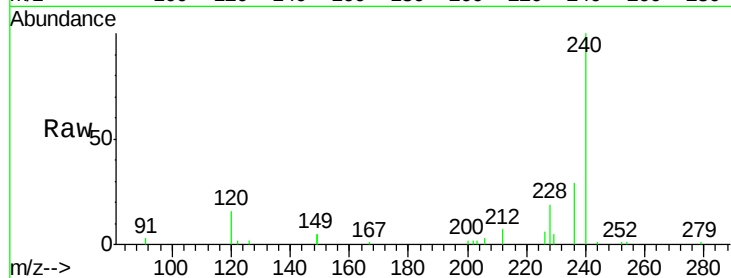
Tot Ion:240 Resp: 7754

Ion Ratio Lower Upper

240 100

120 16.5 5.5 8.3#

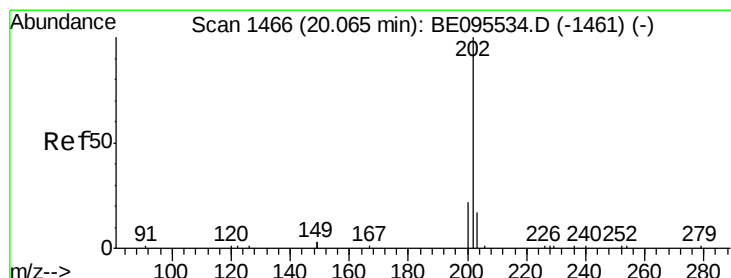
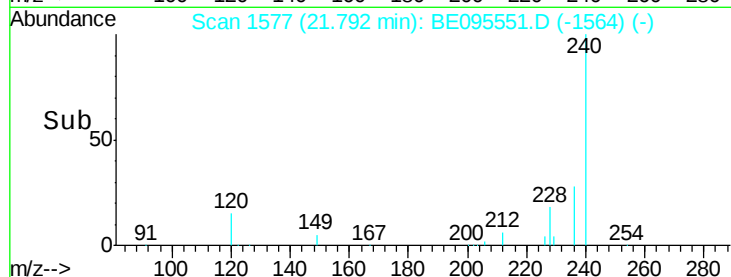
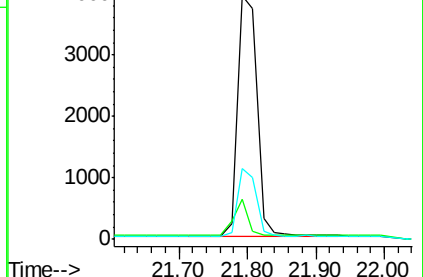
236 28.9 20.7 31.1



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: 0.084 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

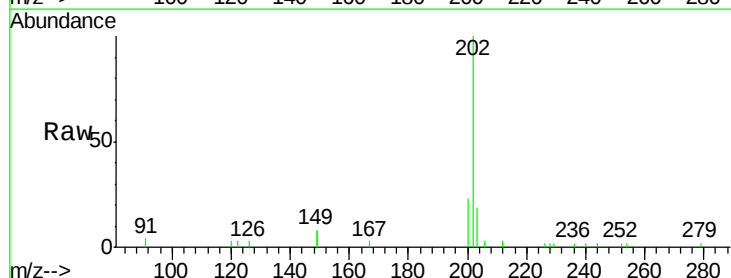
Tgt Ion:202 Resp: 2747

Ion Ratio Lower Upper

202 100

200 21.6 16.6 25.0

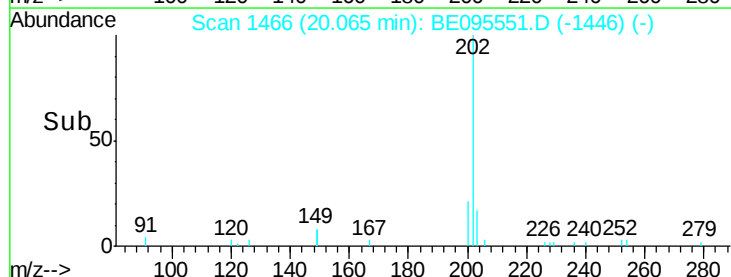
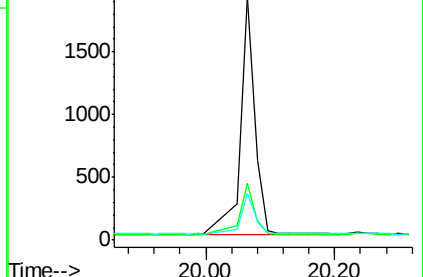
203 18.3 13.8 20.8

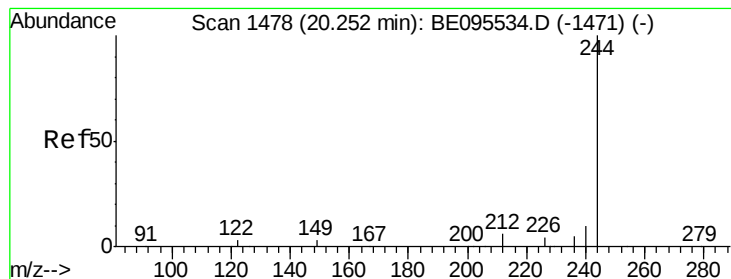


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.291 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

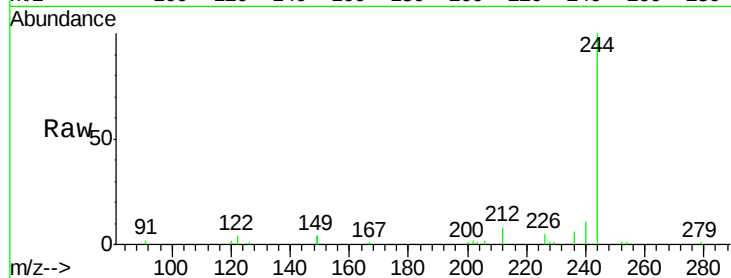
Tot Ion:244 Resp: 4812

Ion Ratio Lower Upper

244 100

212 8.1 25.4 38.0#

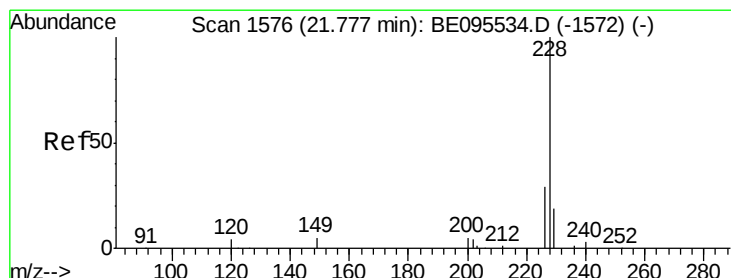
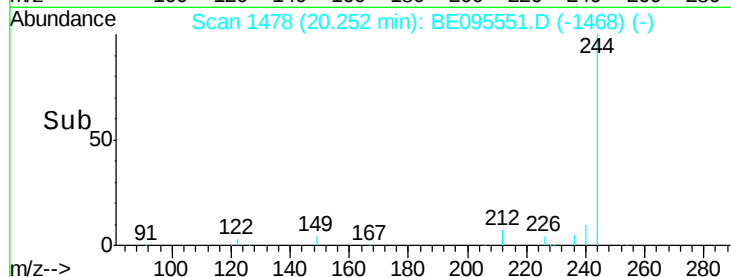
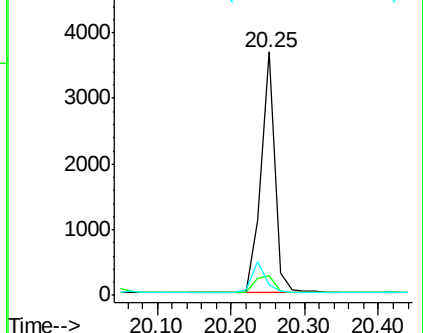
122 4.3 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.088 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

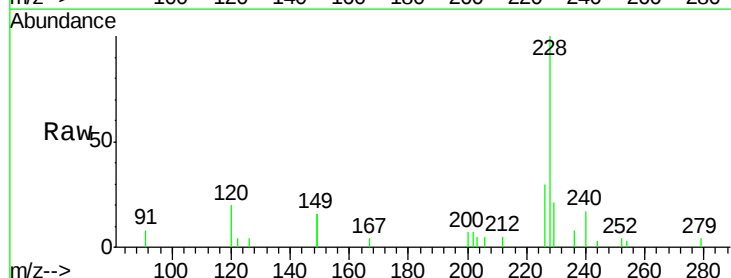
Tgt Ion:228 Resp: 2264

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

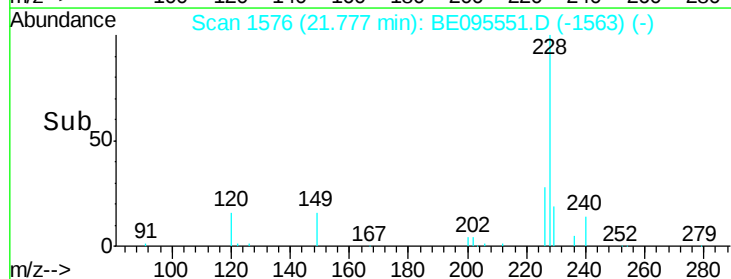
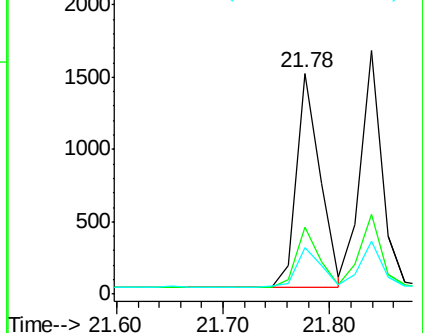
229 21.3 16.0 24.0

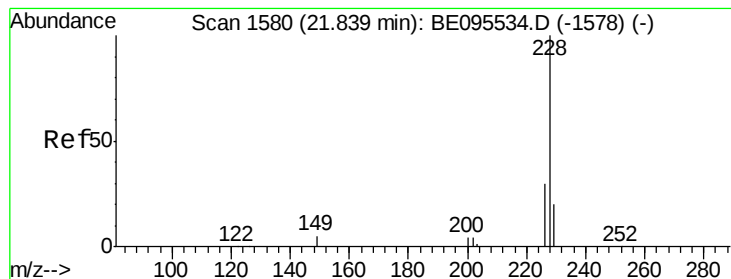


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.090 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

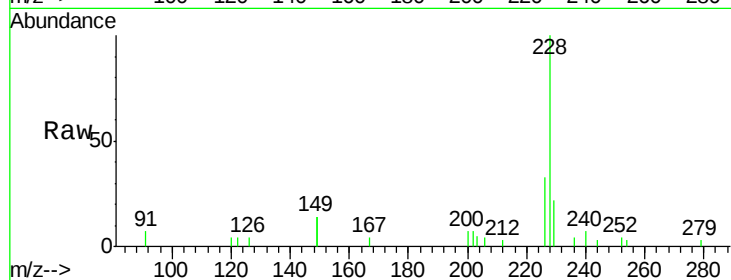
Tot Ion:228 Resp: 2282

Ion Ratio Lower Upper

228 100

226 33.0 24.0 36.0

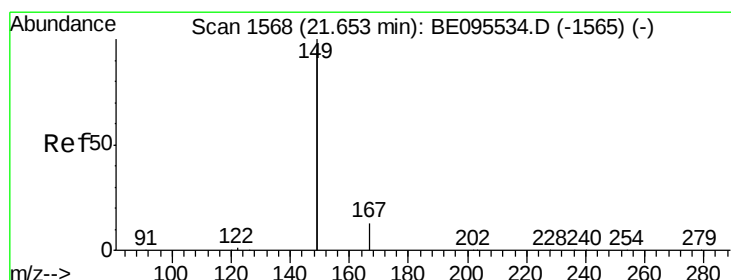
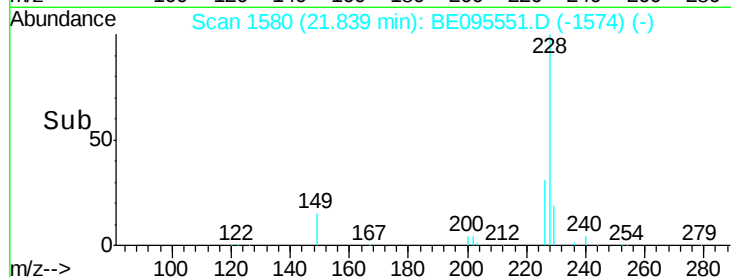
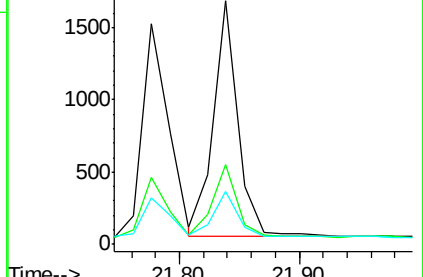
229 21.7 16.0 24.0



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: 0.084 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

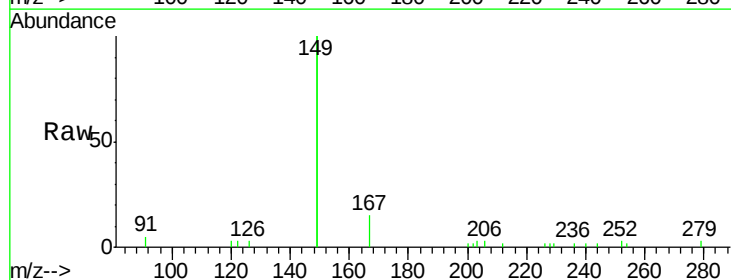
Tgt Ion:149 Resp: 5021

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

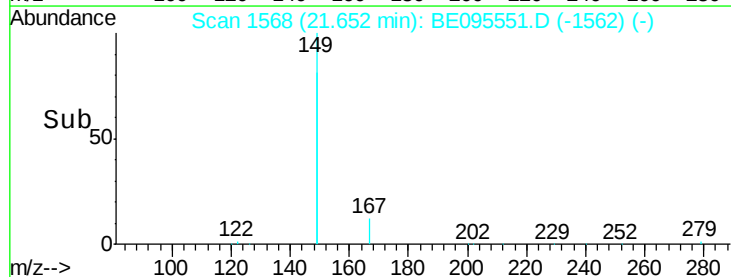
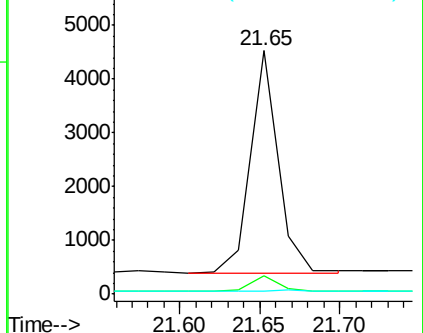
279 1.0 0.7 1.1



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

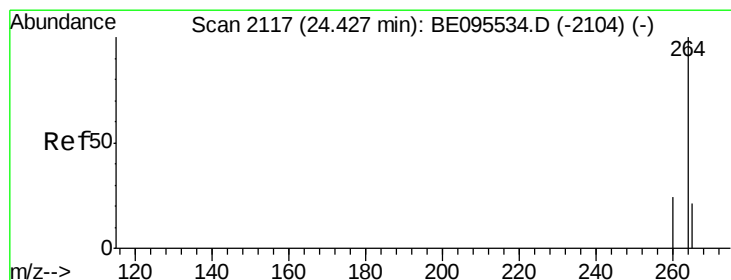
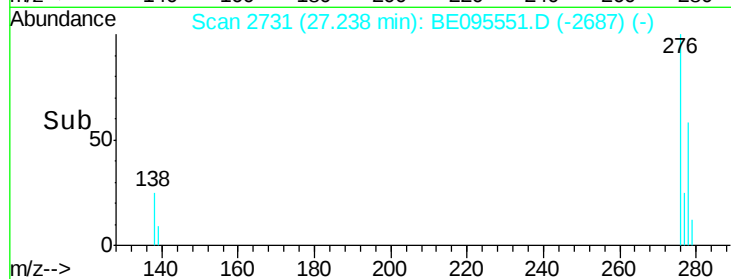
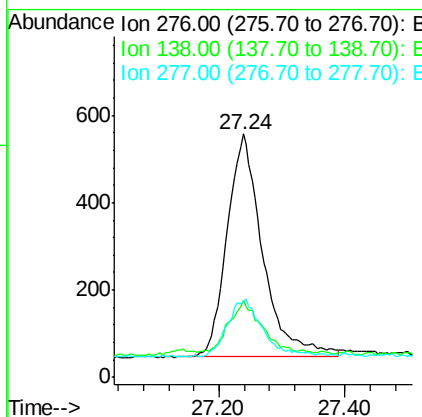
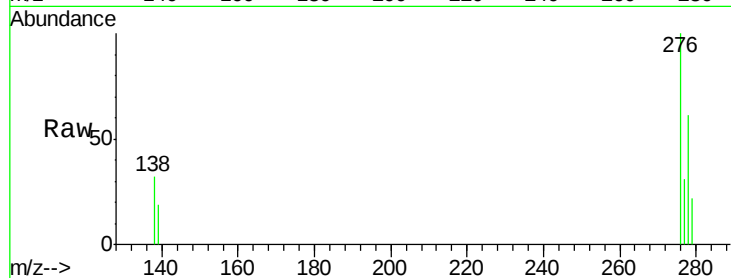




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.081 ng
 RT: 27.24 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: BE095551.D
 Acq: 7 Feb 2018 13:30

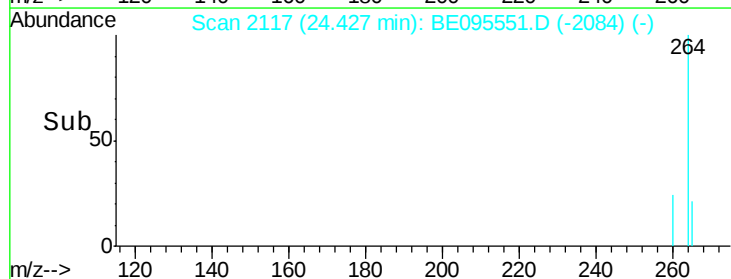
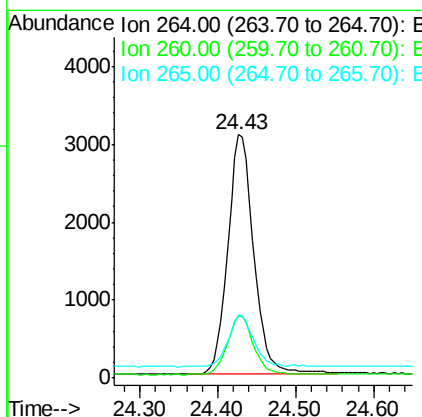
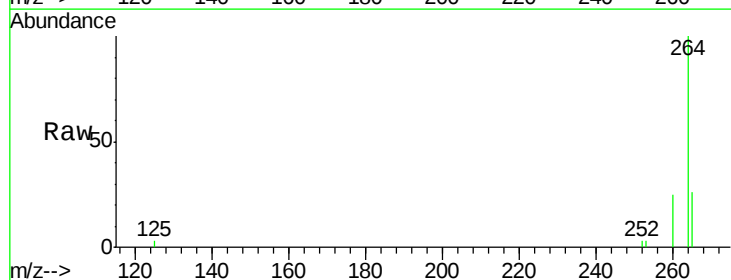
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 1998
 Ion Ratio Lower Upper
 276 100
 138 20.9 22.5 33.7#
 277 24.6 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: BE095551.D
 Acq: 7 Feb 2018 13:30

Tgt Ion:264 Resp: 7169
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 25.7 22.8 34.2

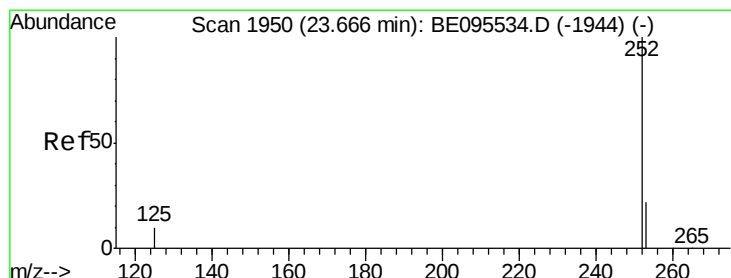
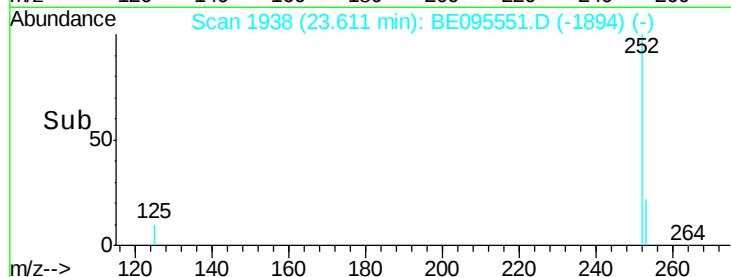
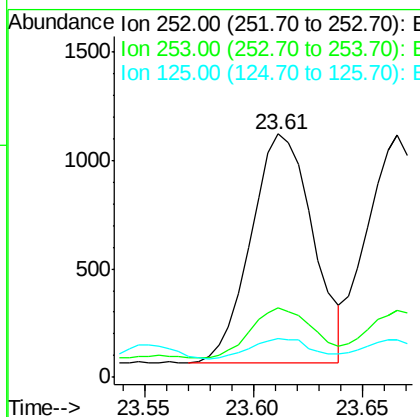
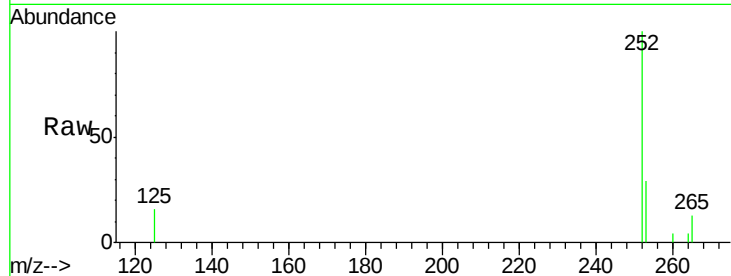




#35
Benzo(b)fluoranthene
Concen: 0.085 ng
RT: 23.61 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

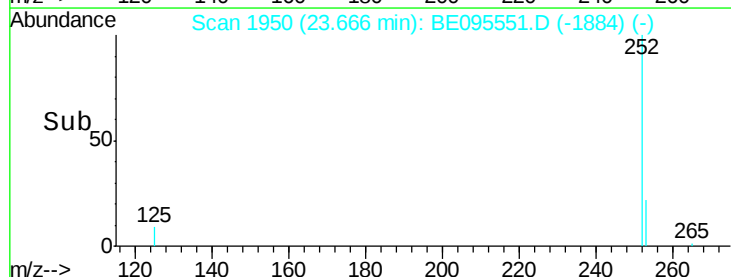
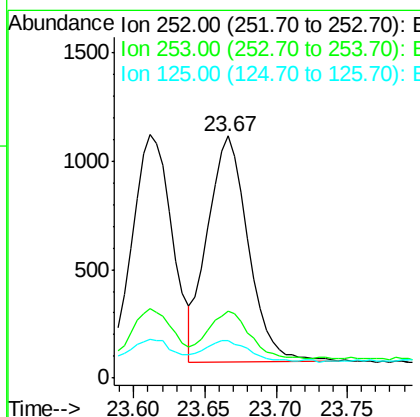
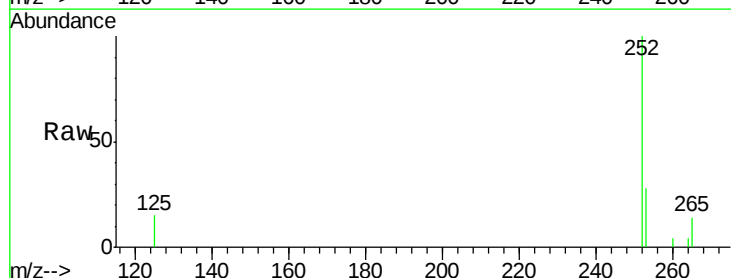
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 2081
Ion Ratio Lower Upper
252 100
253 28.8 20.0 30.0
125 16.1 16.0 24.0



#36
Benzo(k)fluoranthene
Concen: 0.082 ng
RT: 23.67 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BE095551.D
Acq: 7 Feb 2018 13:30

Tgt Ion:252 Resp: 2071
Ion Ratio Lower Upper
252 100
253 27.8 16.0 24.0#
125 15.4 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.082 ng

RT: 24.31 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :

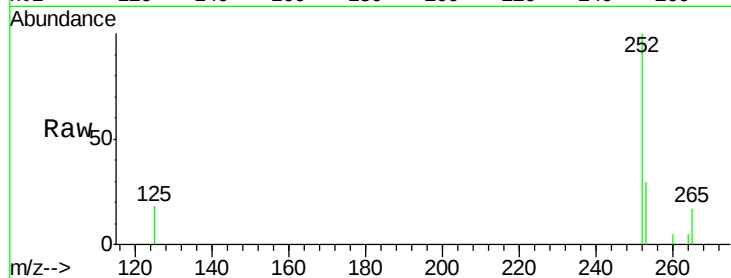
Tot Ion:252 Resp: 1859

Ion Ratio Lower Upper

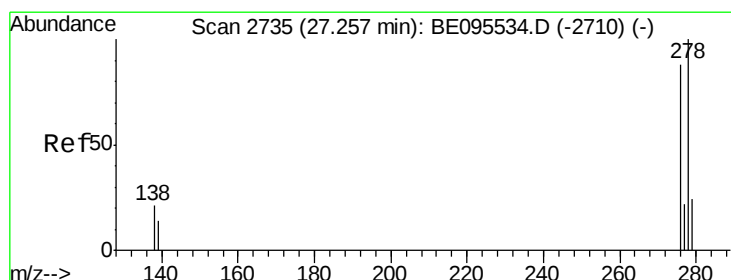
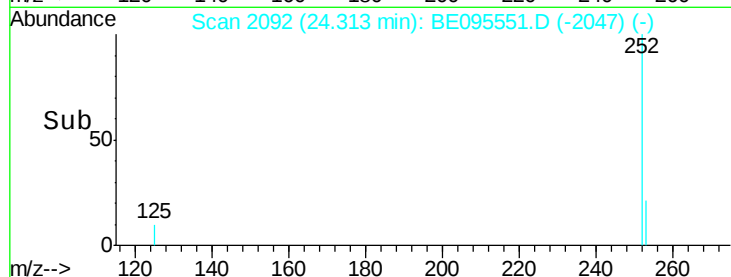
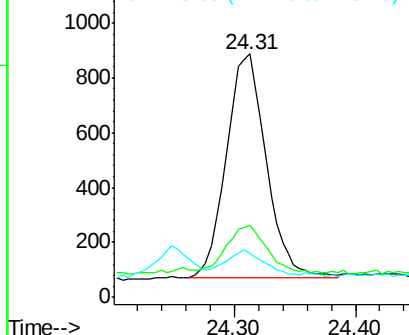
252 100

253 29.6 16.0 24.0#

125 17.8 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: 0.079 ng

RT: 27.26 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

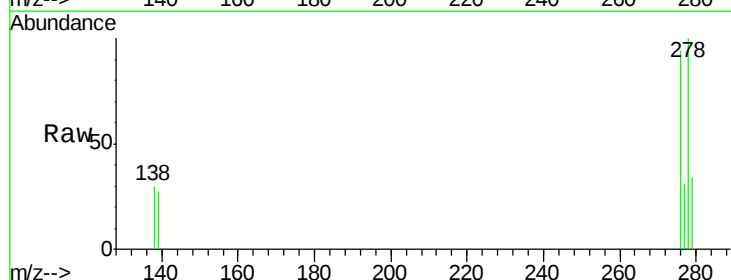
Tgt Ion:278 Resp: 1583

Ion Ratio Lower Upper

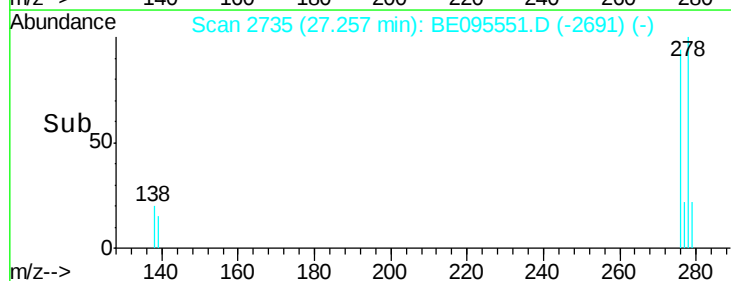
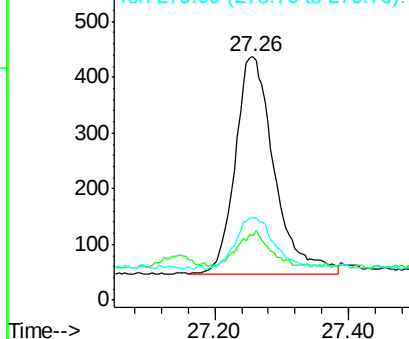
278 100

139 26.5 16.0 24.0#

279 33.6 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: 0.084 ng

RT: 28.11 min Scan# 2922

Delta R.T. -0.00 min

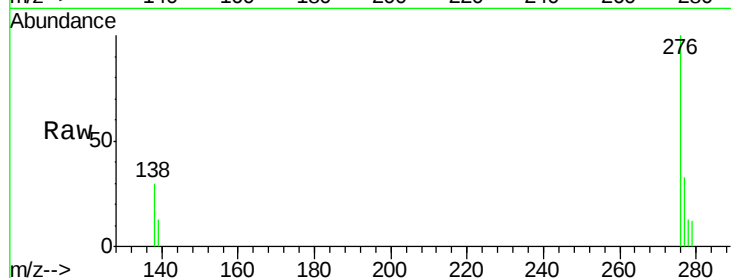
Lab File: BE095551.D

Acq: 7 Feb 2018 13:30

Instrument :

BNA_E

ClientSampleId :



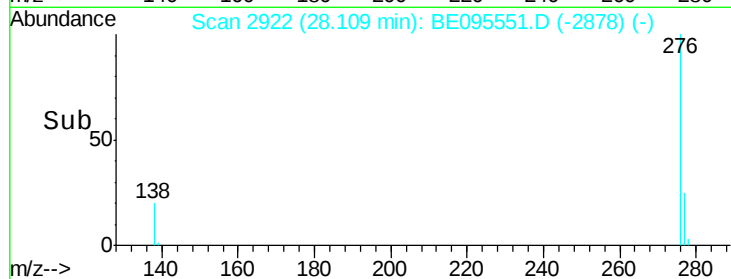
Tot Ion: 276 Resp: 1799

Ion Ratio Lower Upper

276 100

277 32.8 16.0 24.0#

138 29.7 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

