

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095553.D
 Acq On : 7 Feb 2018 15:17
 Operator : SJ/JU
 Sample : PB106170BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB106170BS

Quant Time: Feb 08 01:15:24 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	1268	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4540	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2343	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5570	0.40	ng	0.00
27) Chrysene-d12	21.81	240	6085	0.40	ng	0.02
34) Perylene-d12	24.43	264	5528	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	970	0.25	ng	0.00
5) Phenol-d6	7.55	99	1293	0.24	ng	-0.01
8) Nitrobenzene-d5	9.61	82	1316	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	1935	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	216	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	3206	0.32	ng	-0.01
25) Fluoranthene-d10	19.69	212	19967	0.27	ng	0.00
29) Terphenyl-d14	20.25	244	3982	0.31	ng	0.00

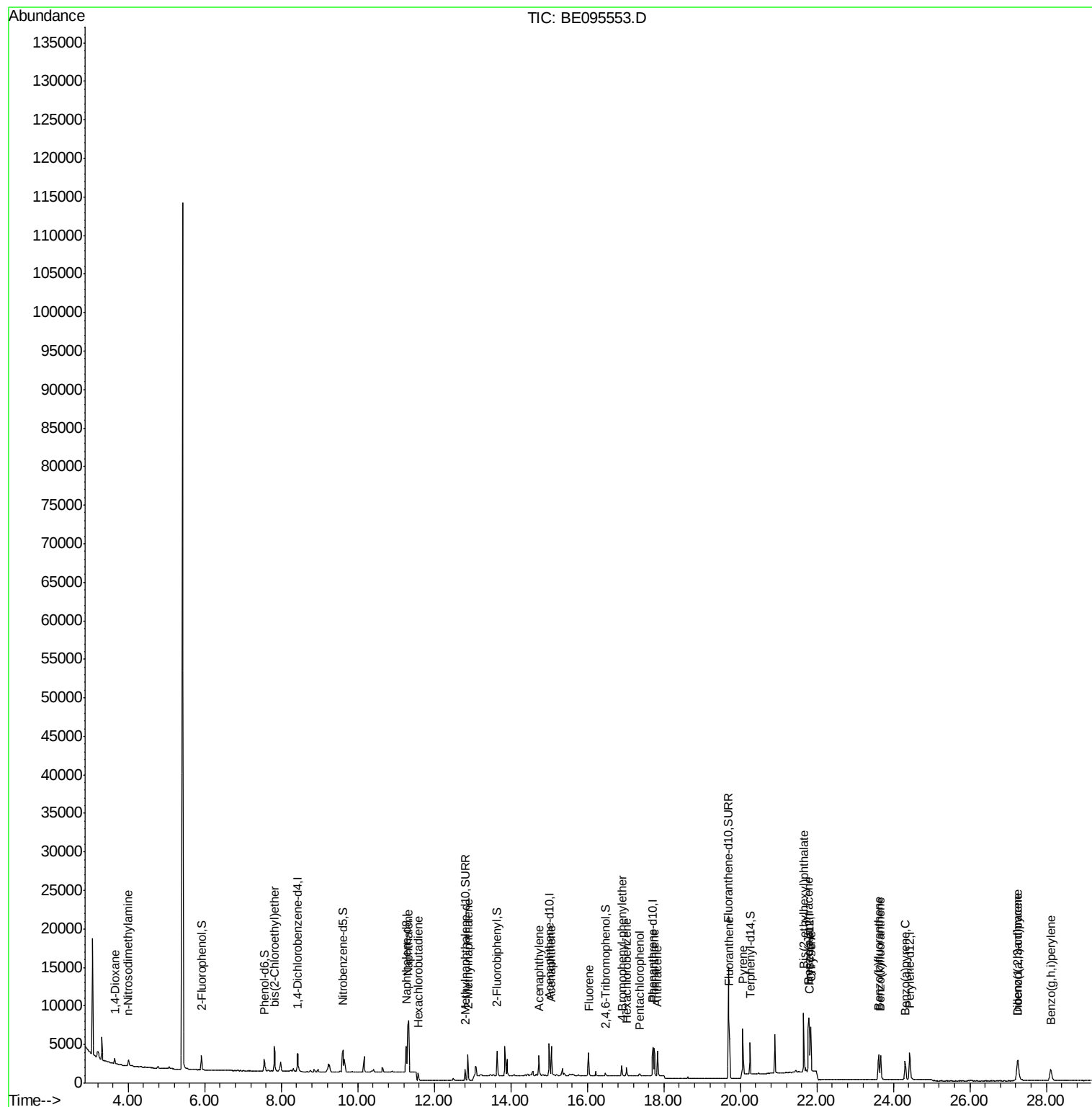
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	487	0.232	ng	# 24
3) n-Nitrosodimethylamine	3.99	42	643	0.243	ng	# 83
6) bis(2-Chloroethyl)ether	7.83	93	1212	0.249	ng	90
9) Naphthalene	11.33	128	13475	0.256	ng	99
10) Hexachlorobutadiene	11.58	225	660	0.233	ng	98
12) 2-Methylnaphthalene	12.88	142	2249	0.251	ng	96
16) Acenaphthylene	14.74	152	3057	0.229	ng	100
17) Acenaphthene	15.06	154	1932	0.233	ng	93
18) Fluorene	16.04	166	2437	0.233	ng	# 76
20) 4-Bromophenyl-phenylether	16.91	248	859	0.257	ng	# 66
21) Hexachlorobenzene	17.03	284	854	0.247	ng	# 81
22) Pentachlorophenol	17.37	266	221	0.317	ng	86
23) Phenanthrene	17.74	178	4397	0.257	ng	98
24) Anthracene	17.83	178	4063	0.254	ng	# 94
26) Fluoranthene	19.72	202	5579	0.259	ng	98
28) Pyrene	20.06	202	6286	0.246	ng	94
30) Benzo(a)anthracene	21.78	228	5061	0.250	ng	99
31) Chrysene	21.84	228	5218	0.261	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	8814	0.189	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	4675	0.242	ng	# 94
35) Benzo(b)fluoranthene	23.61	252	4859	0.258	ng	# 92
36) Benzo(k)fluoranthene	23.67	252	4950	0.256	ng	94
37) Benzo(a)pyrene	24.31	252	4427	0.252	ng	# 93
38) Dibenzo(a,h)anthracene	27.26	278	3592	0.234	ng	95
39) Benzo(g,h,i)perylene	28.11	276	4150	0.252	ng	# 91

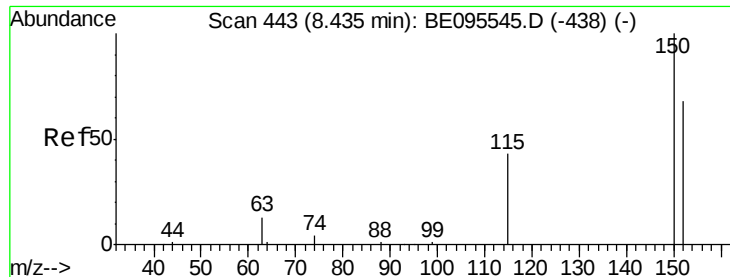
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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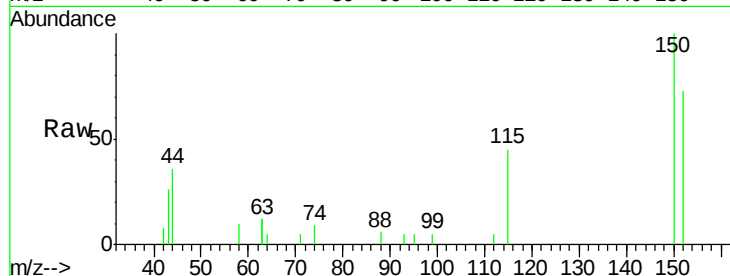


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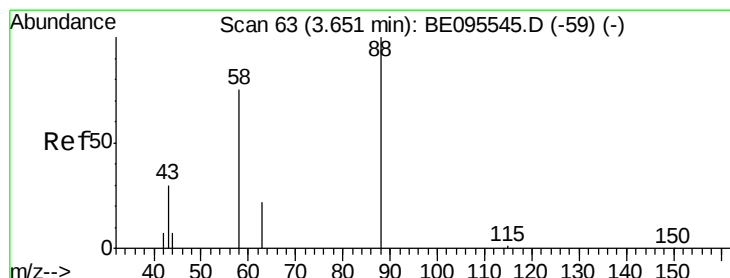
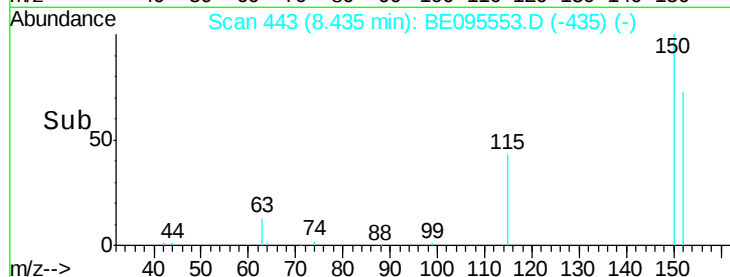
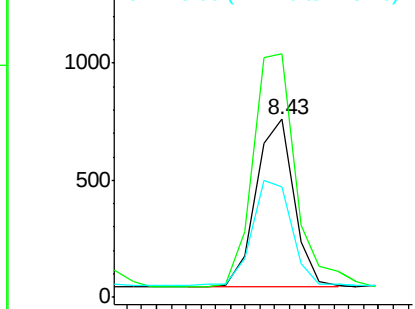
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

Instrument :
BNA_E
ClientSampleId :
PB106170BS

Tot Ion:152 Resp: 1268
Ion Ratio Lower Upper
152 100
150 136.7 117.2 175.8
115 62.0 57.0 85.6



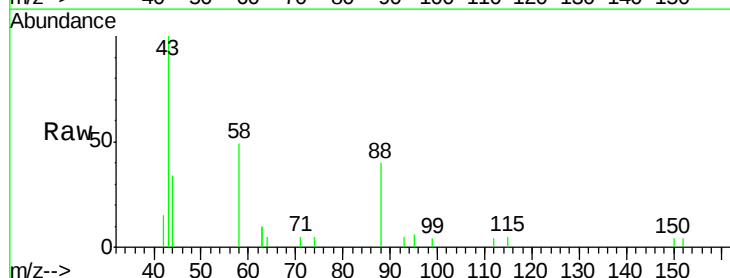
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



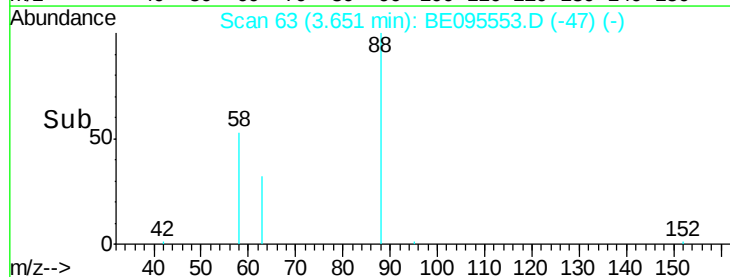
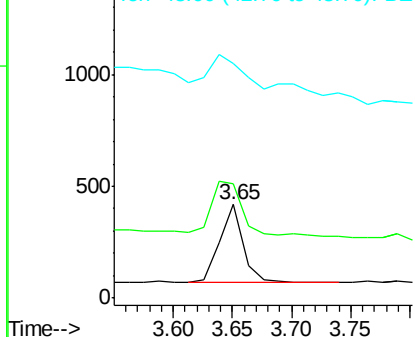
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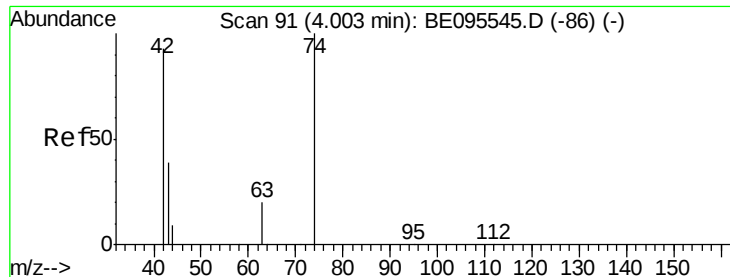
1,4-Dioxane
Concen: 0.232 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

Tgt Ion: 88 Resp: 487
Ion Ratio Lower Upper
88 100
58 104.3 63.2 94.8#
43 155.4 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



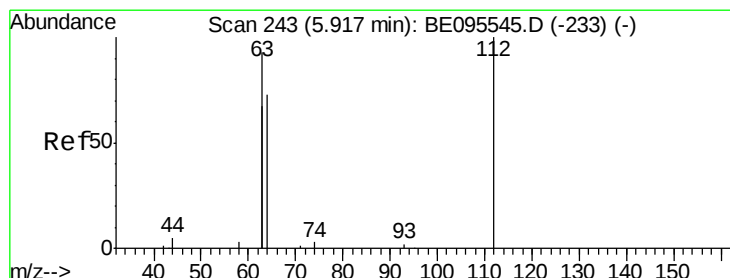
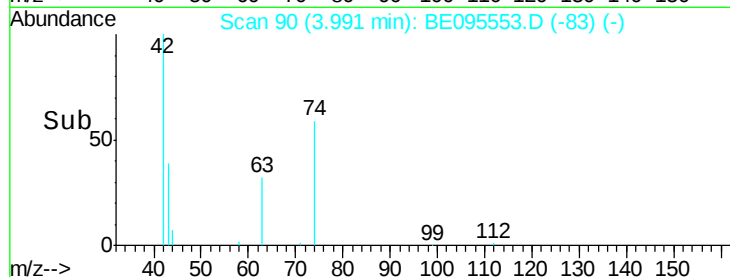
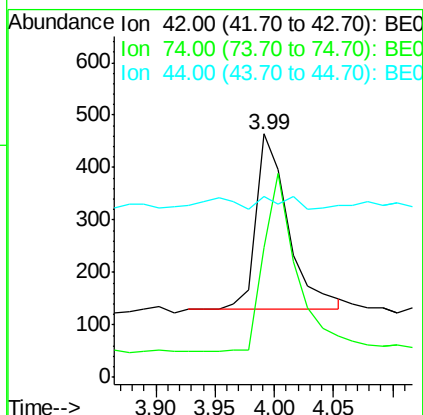
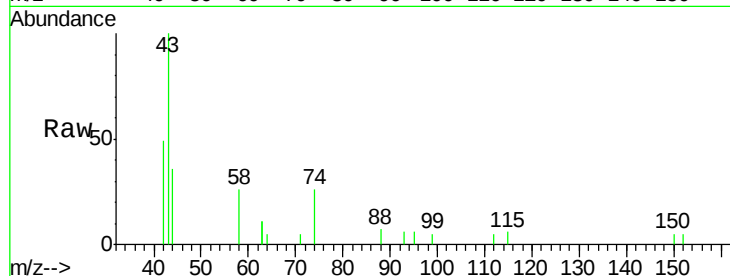


#3

n-Nitrosodimethylamine
 Concen: 0.243 ng
 RT: 3.99 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BE095553.D
 Acq: 7 Feb 2018 15:17

Instrument :
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 PB106170BS

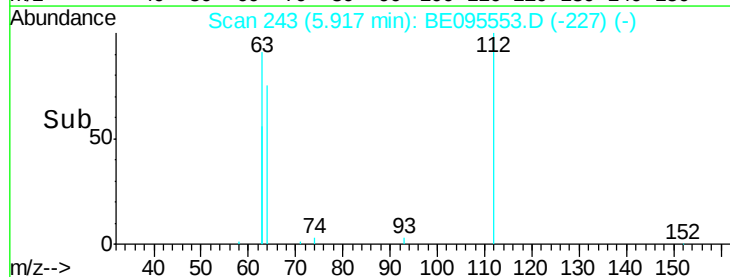
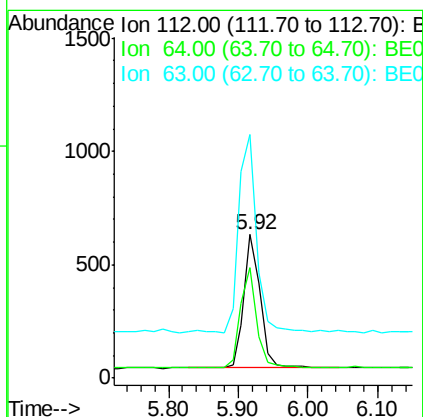
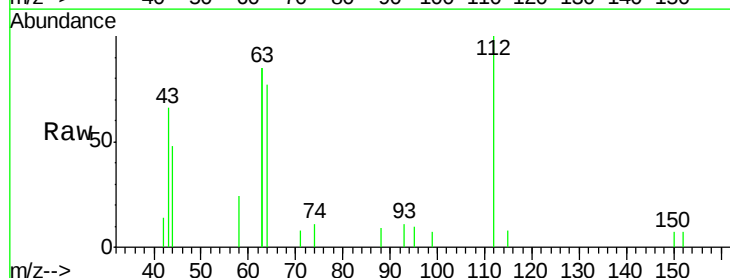
Tot Ion: 42 Resp: 643
 Ion Ratio Lower Upper
 42 100
 74 101.9 96.0 144.0
 44 7.3 12.0 18.0#

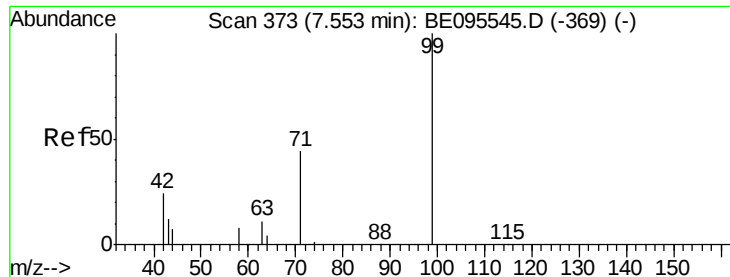


#4

2-Fluorophenol
 Concen: 0.254 ng
 RT: 5.92 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: BE095553.D
 Acq: 7 Feb 2018 15:17

Tgt Ion: 112 Resp: 970
 Ion Ratio Lower Upper
 112 100
 64 73.9 60.1 90.1
 63 158.5 116.8 175.2





#5

Phenol-d6

Concen: 0.244 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

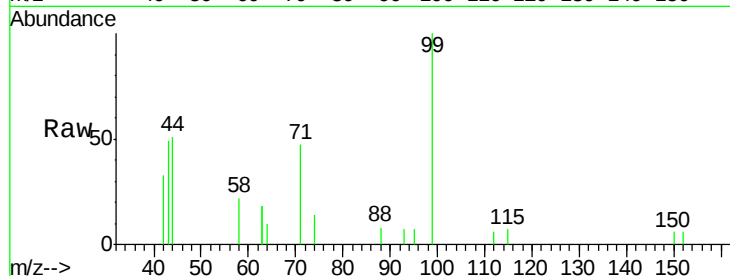
Tot Ion: 99 Resp: 1293

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

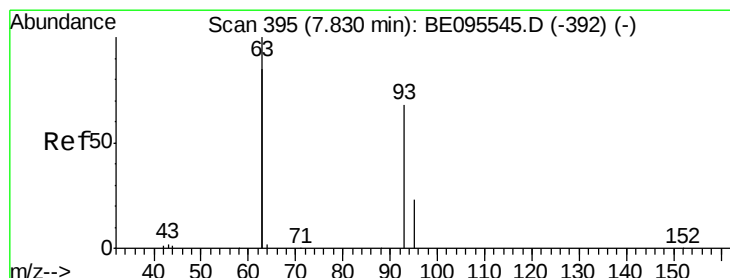
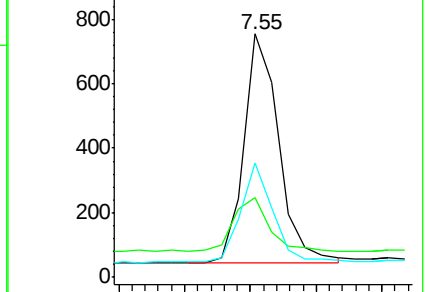
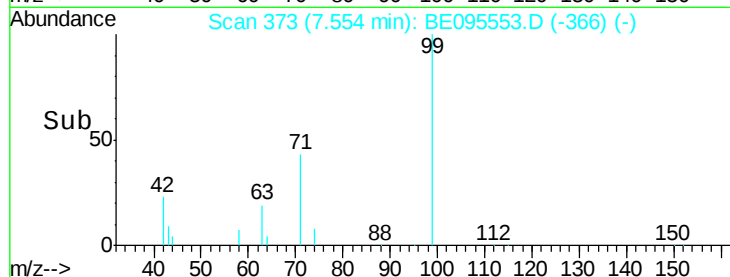
71 40.1 28.4 42.6



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: 0.249 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

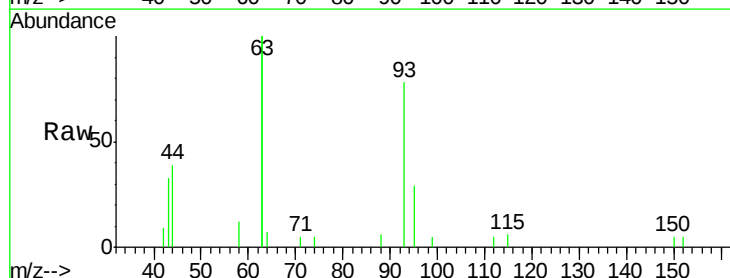
Tgt Ion: 93 Resp: 1212

Ion Ratio Lower Upper

93 100

63 320.9 275.3 412.9

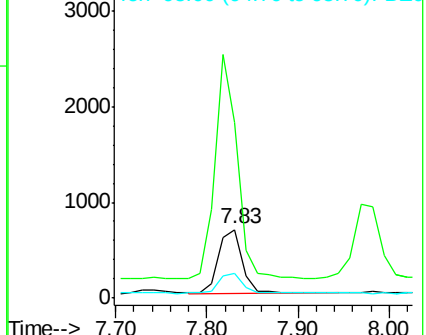
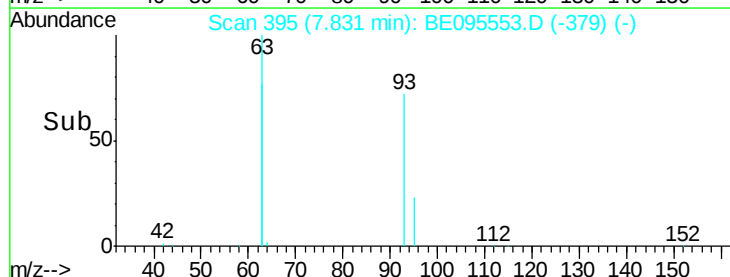
95 31.8 25.2 37.8

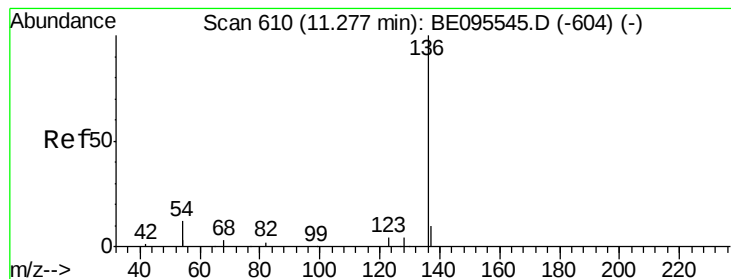


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

Tot Ion:136 Resp: 4540

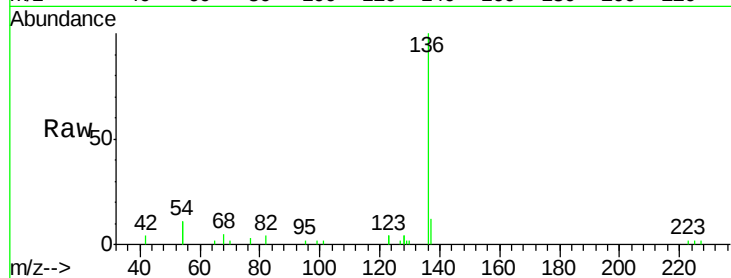
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 22.4 29.1 43.7#

68 4.8 6.2 9.2#

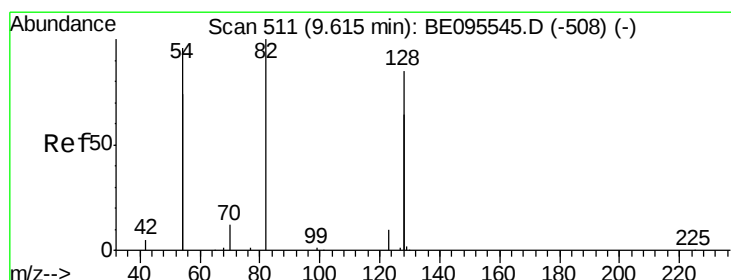
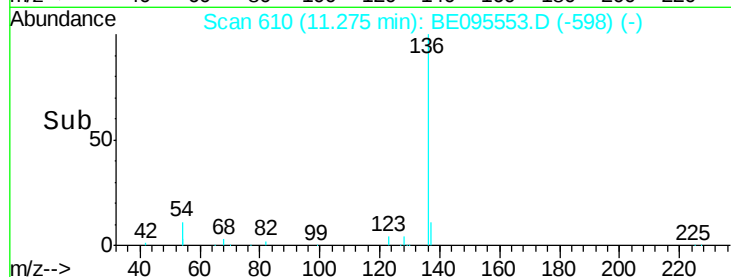
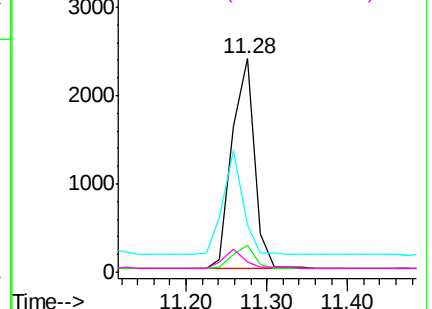


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.273 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

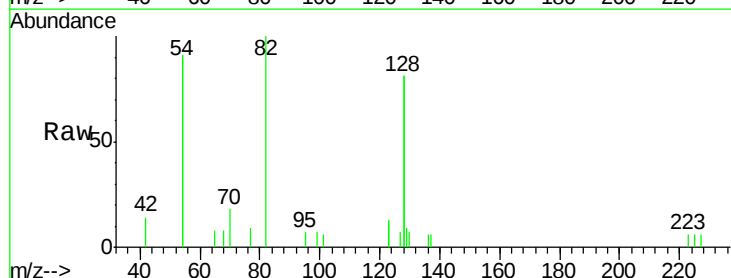
Tgt Ion: 82 Resp: 1316

Ion Ratio Lower Upper

82 100

128 161.4 150.0 225.0

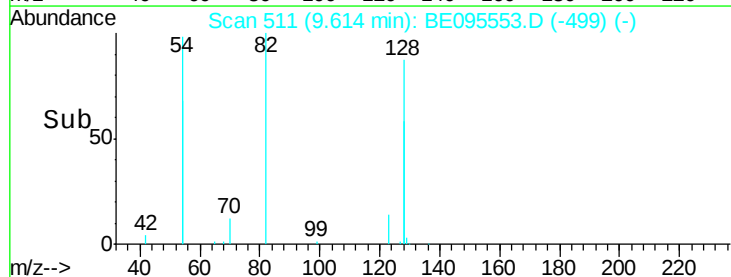
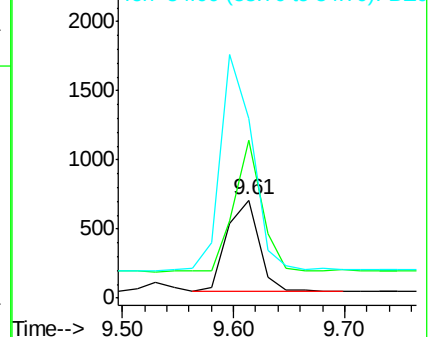
54 182.8 154.2 231.4

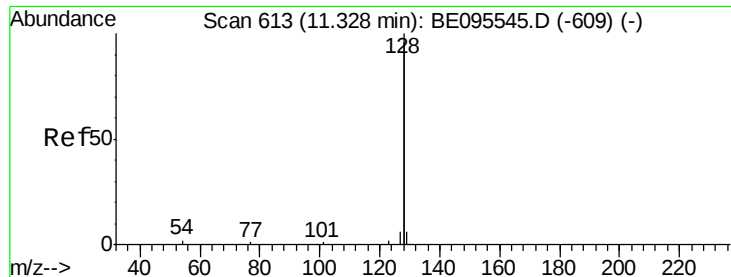


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

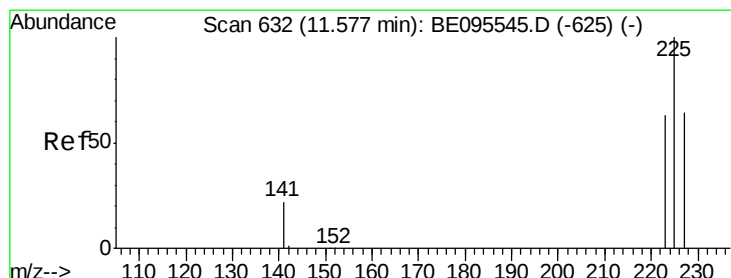
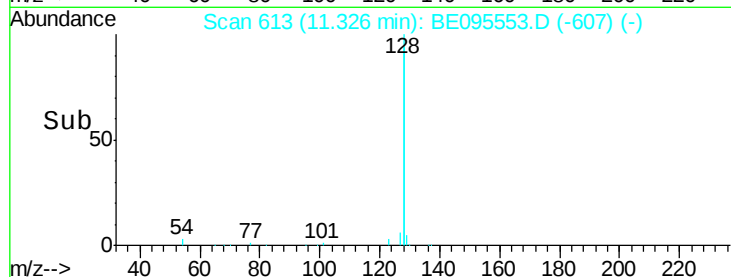
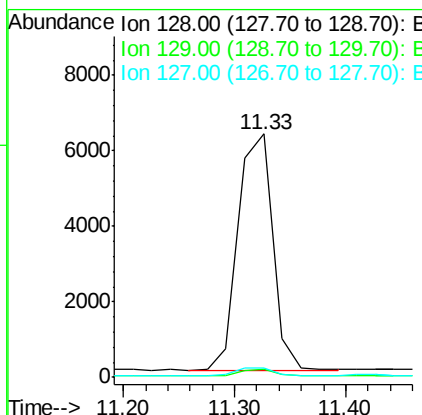
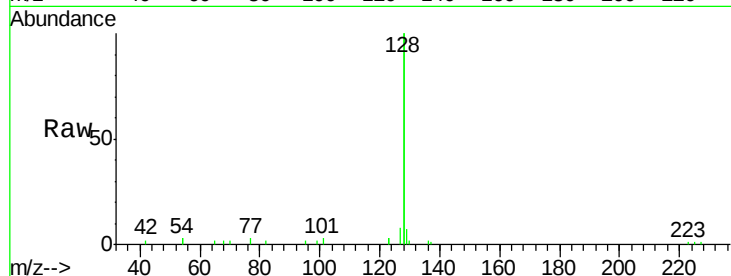




#9
Naphthalene
Concen: 0.256 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

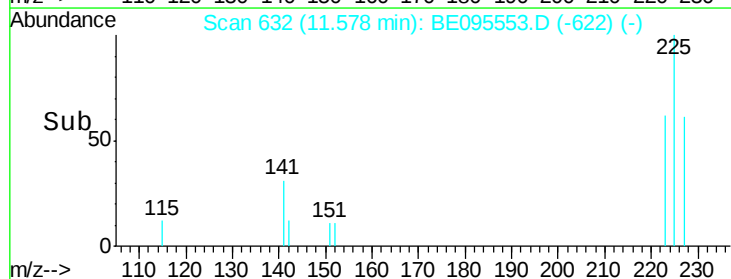
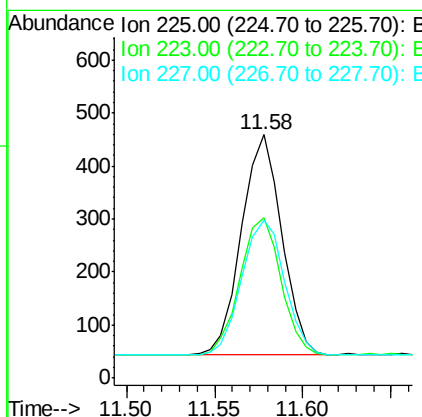
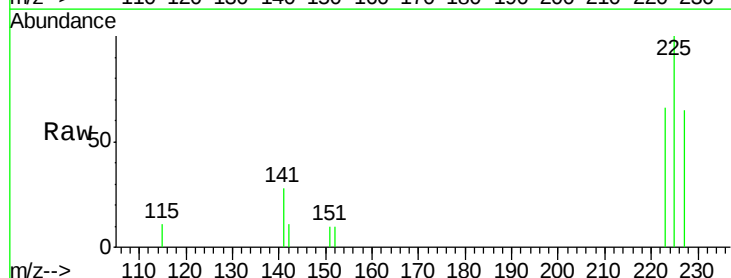
Instrument :
BNA_E
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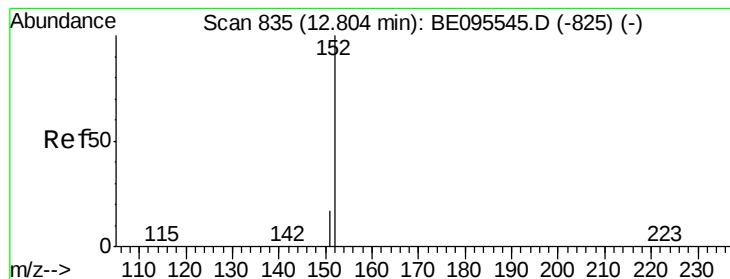
Tot Ion:128 Resp: 13475
Ion Ratio Lower Upper
128 100
129 3.5 2.6 3.8
127 3.8 2.8 4.2



#10
Hexachlorobutadiene
Concen: 0.233 ng
RT: 11.58 min Scan# 632
Delta R.T. -0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

Tgt Ion:225 Resp: 660
Ion Ratio Lower Upper
225 100
223 63.2 53.0 79.6
227 64.5 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.257 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

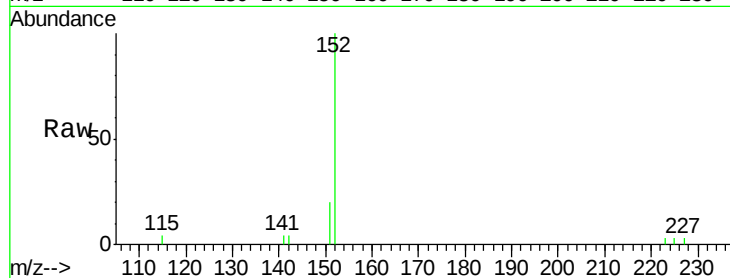
PB106170BS

Tot Ion:152 Resp: 1935

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

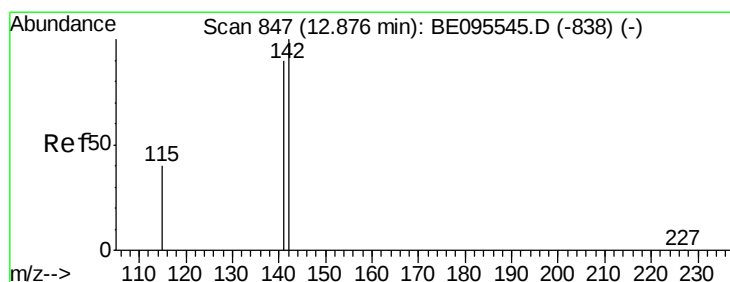
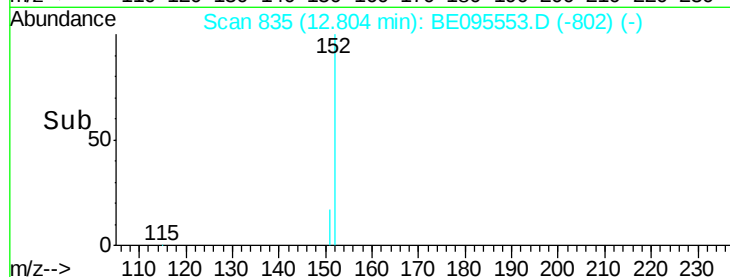
12.80

1000

500

0

Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.251 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

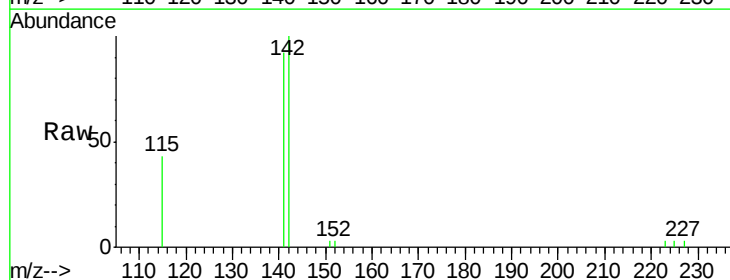
Tgt Ion:142 Resp: 2249

Ion Ratio Lower Upper

142 100

141 91.5 70.4 105.6

115 42.6 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

2000

1500

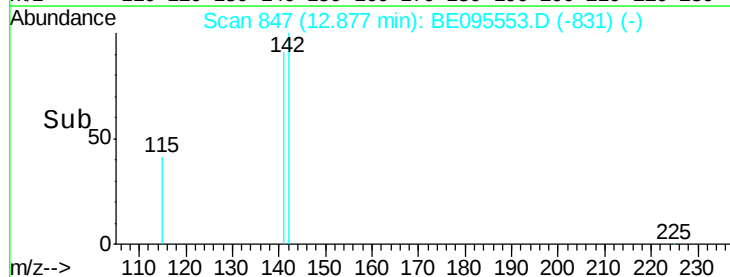
12.88

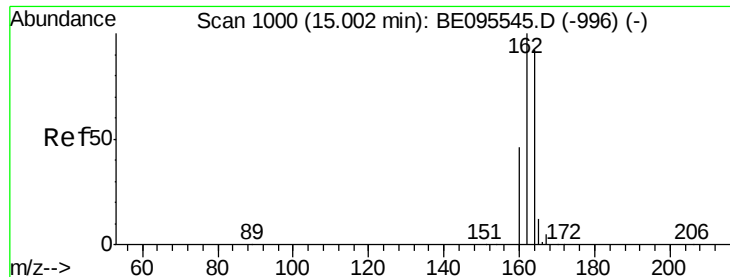
1000

500

0

Time--> 12.80 12.85 12.90 12.95

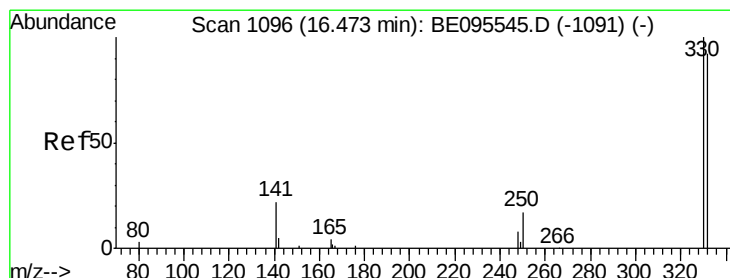
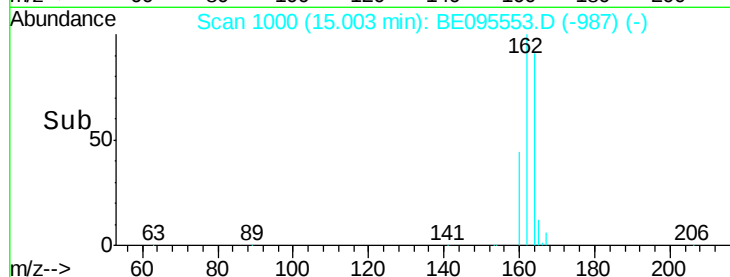
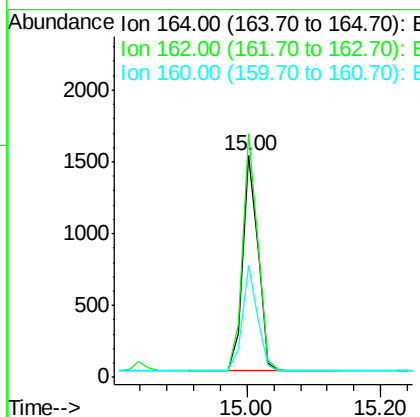
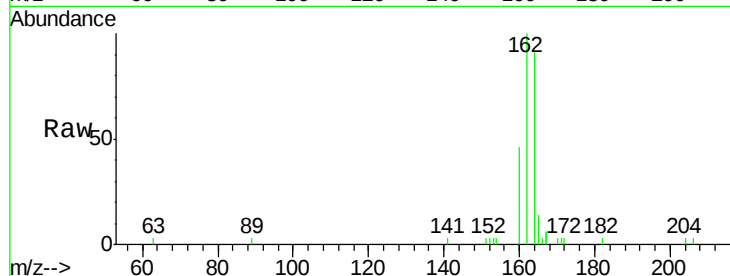




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095553.D
 Acq: 7 Feb 2018 15:17

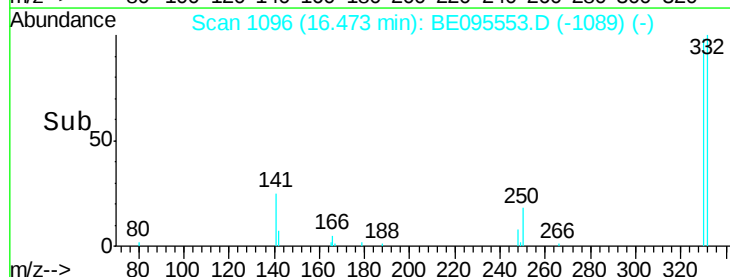
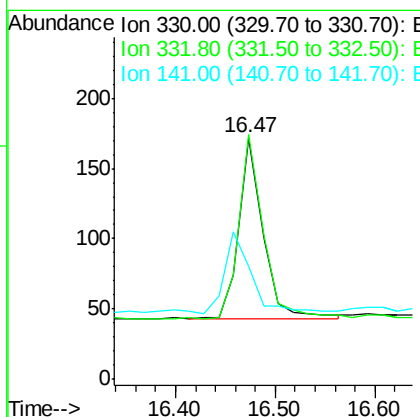
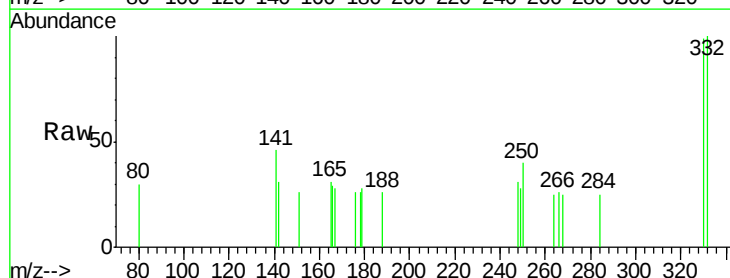
Instrument :
 BNA_E
 ClientSampleId :
 PB106170BS

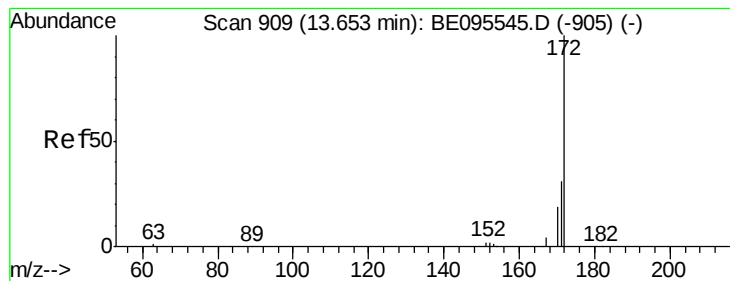
Tot Ion:164 Resp: 2343
 Ion Ratio Lower Upper
 164 100
 162 109.8 83.1 124.7
 160 50.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.202 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095553.D
 Acq: 7 Feb 2018 15:17

Tgt Ion:330 Resp: 216
 Ion Ratio Lower Upper
 330 100
 332 103.2 152.7 229.1#
 141 44.9 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.317 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.01 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

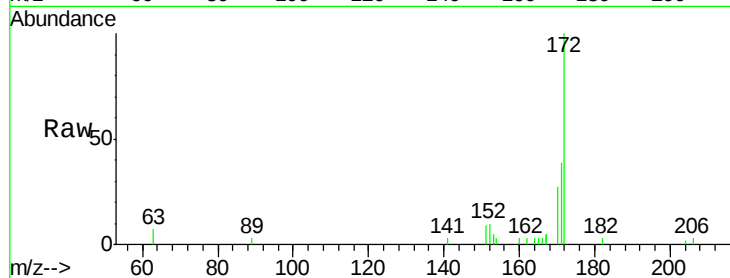
Tot Ion:172 Resp: 3206

Ion Ratio Lower Upper

172 100

171 38.7 29.9 44.9

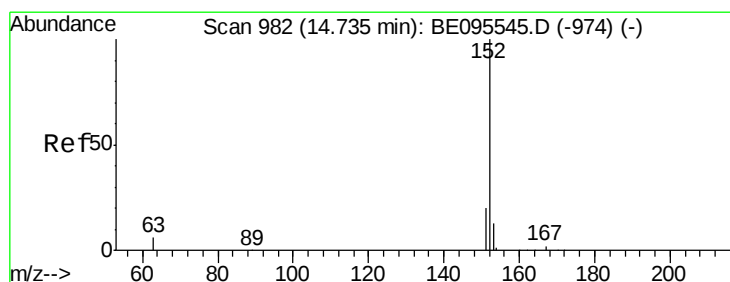
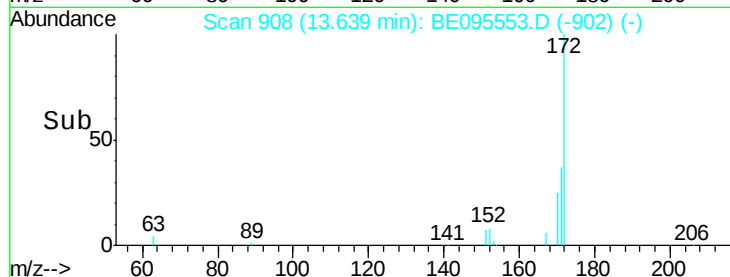
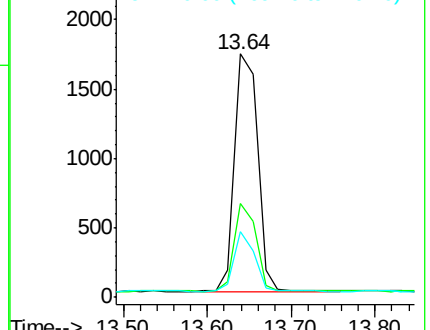
170 26.9 21.8 32.8



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: 0.229 ng

RT: 14.74 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

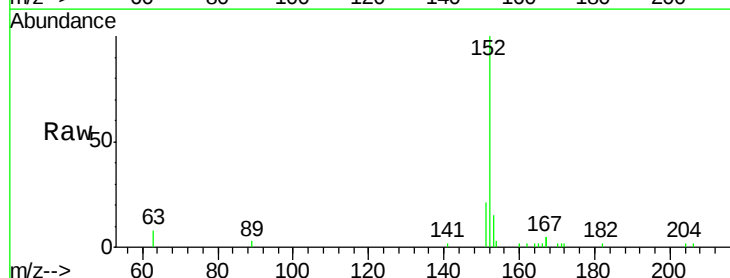
Tgt Ion:152 Resp: 3057

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

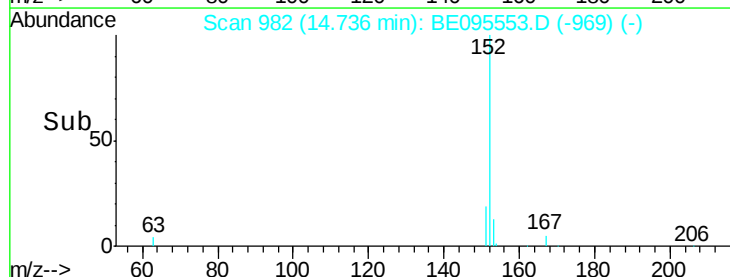
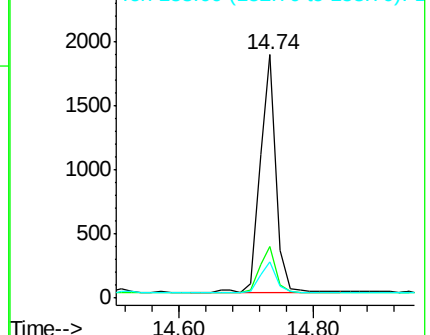
153 13.0 10.5 15.7

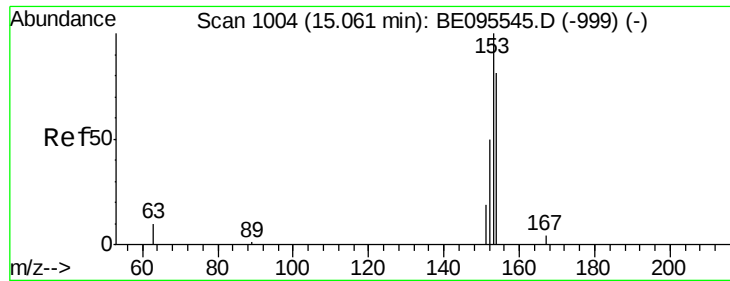


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.233 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

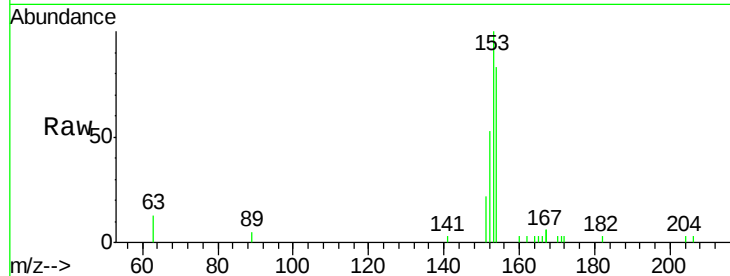
Tot Ion:154 Resp: 1932

Ion Ratio Lower Upper

154 100

153 117.9 89.2 133.8

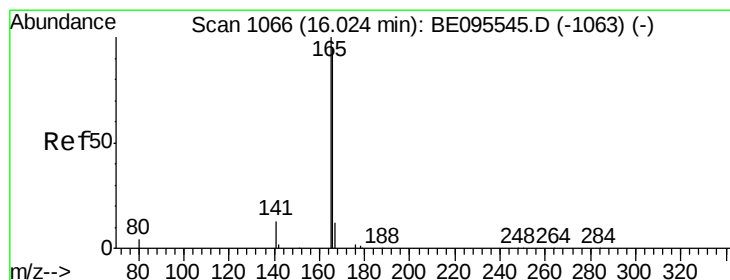
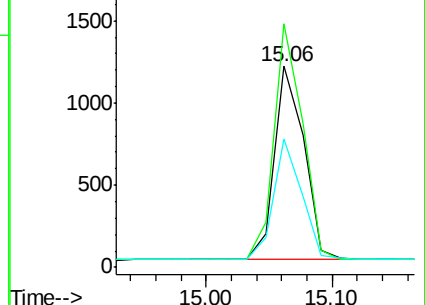
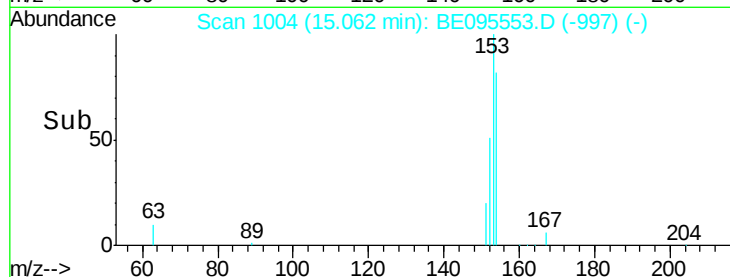
152 59.4 42.0 63.0



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: 0.233 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

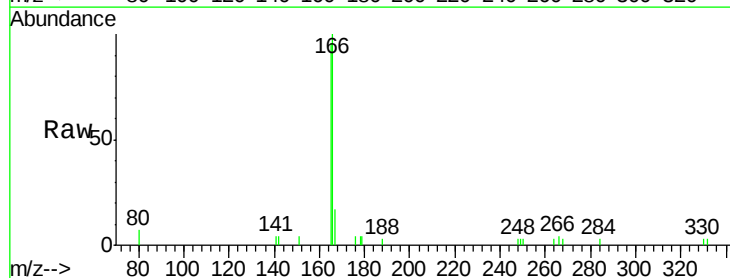
Tgt Ion:166 Resp: 2437

Ion Ratio Lower Upper

166 100

165 104.6 77.8 116.6

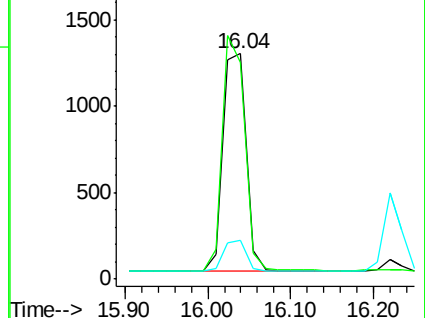
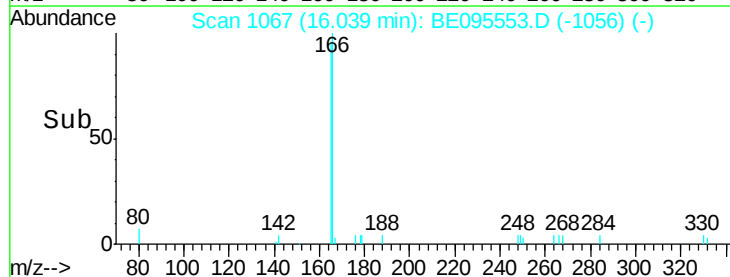
167 13.8 42.4 63.6#

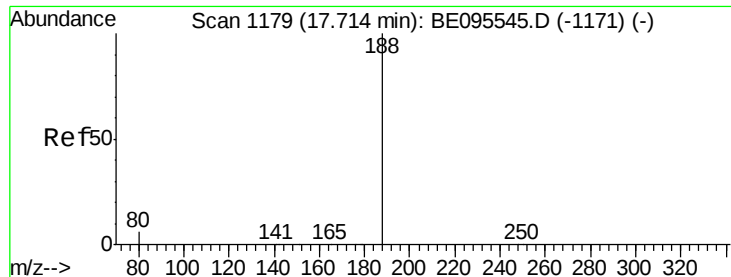


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

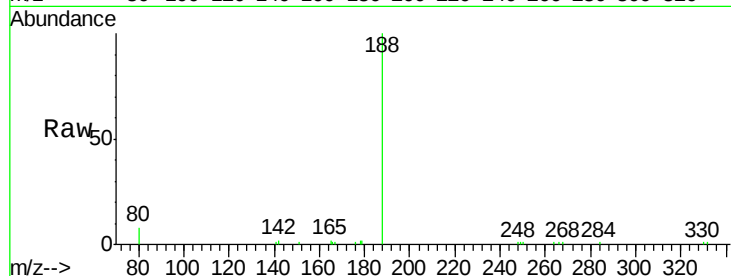
Tot Ion:188 Resp: 5570

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

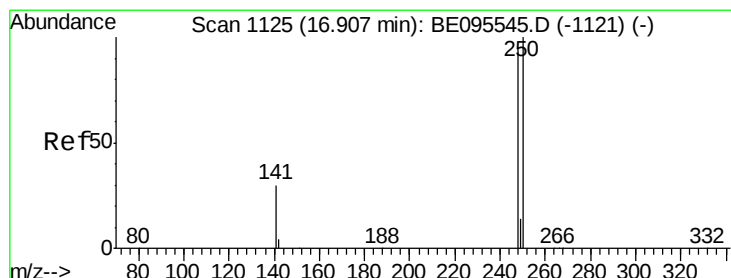
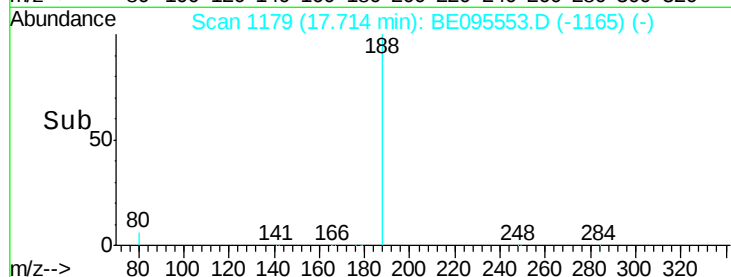
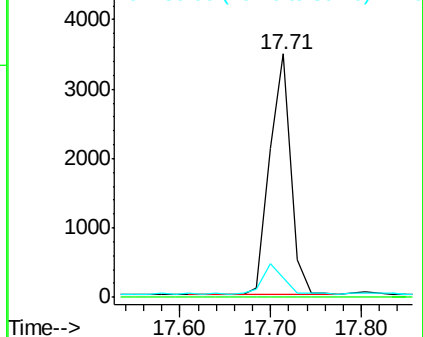
80 7.8 3.6 5.4#



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: 0.257 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

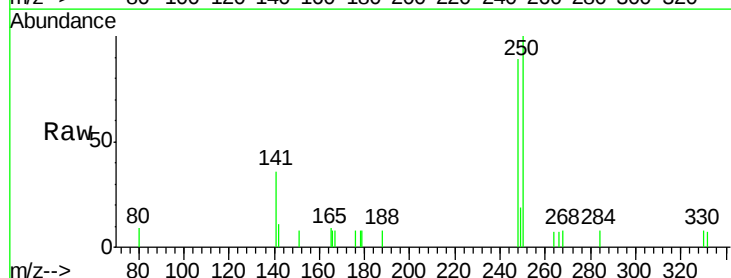
Tgt Ion:248 Resp: 859

Ion Ratio Lower Upper

248 100

250 112.2 62.7 94.1#

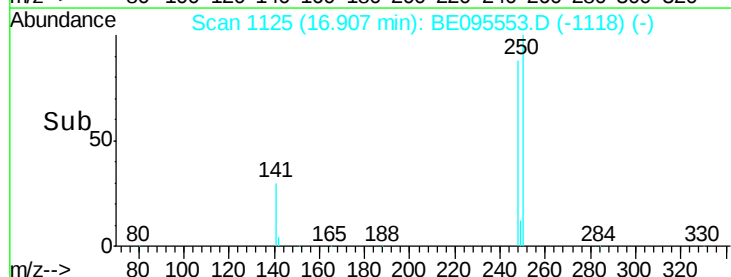
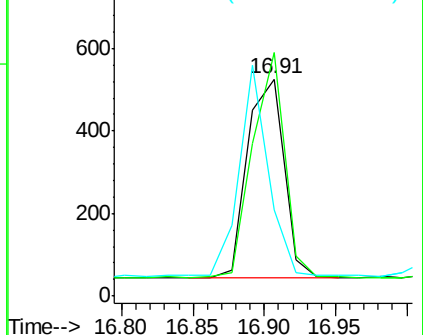
141 39.9 48.2 72.2#

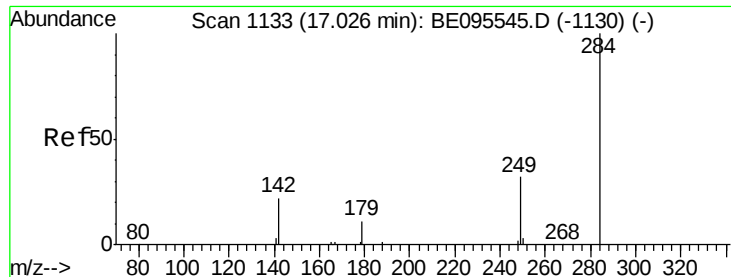


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.247 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

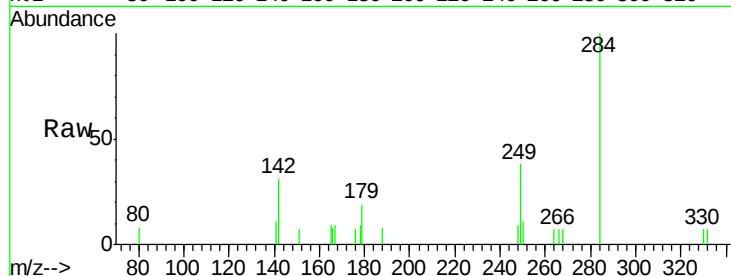
Tot Ion:284 Resp: 854

Ion Ratio Lower Upper

284 100

142 42.6 22.1 33.1#

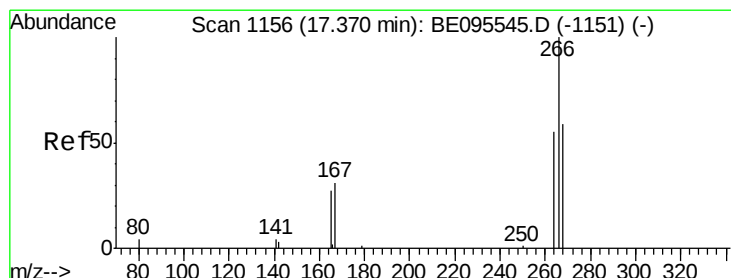
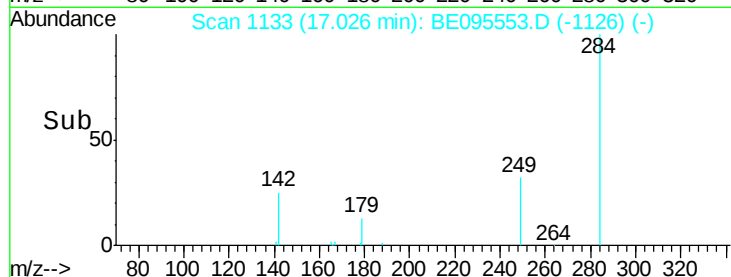
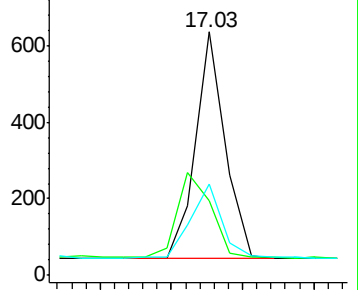
249 35.0 34.8 52.2



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: 0.317 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

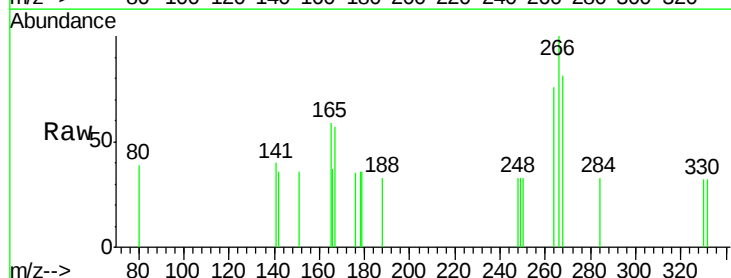
Tgt Ion:266 Resp: 221

Ion Ratio Lower Upper

266 100

264 76.3 72.5 108.7

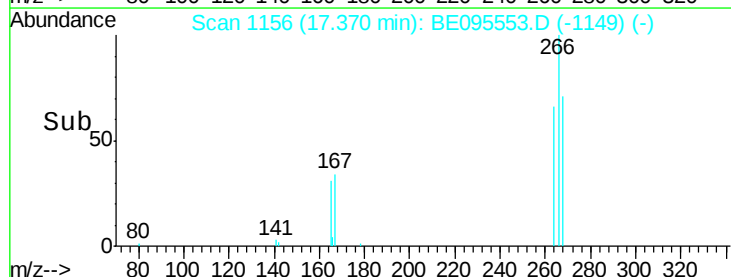
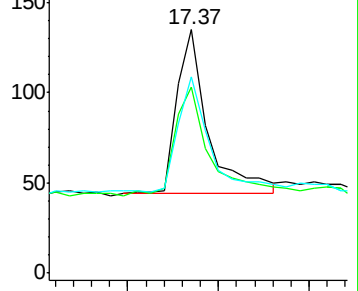
268 80.7 73.8 110.6

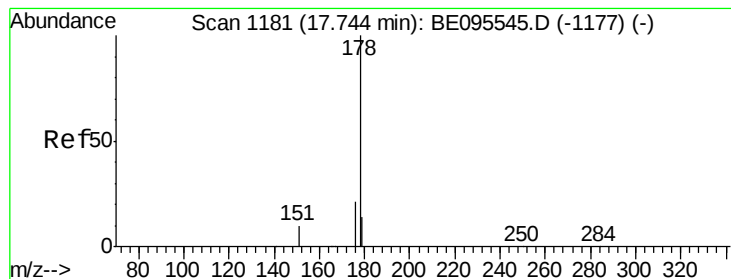


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.257 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

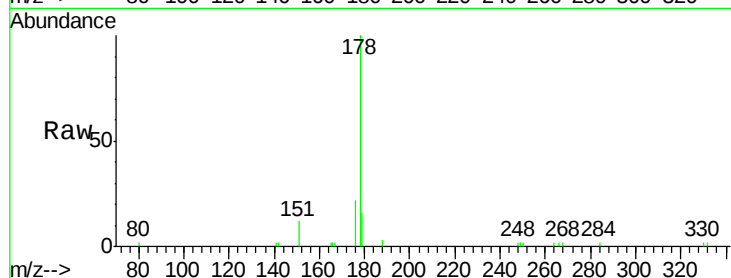
Tot Ion:178 Resp: 4397

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

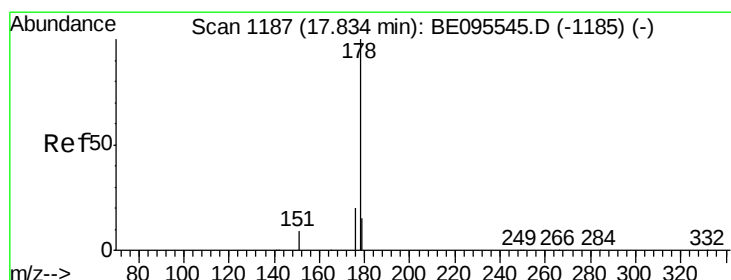
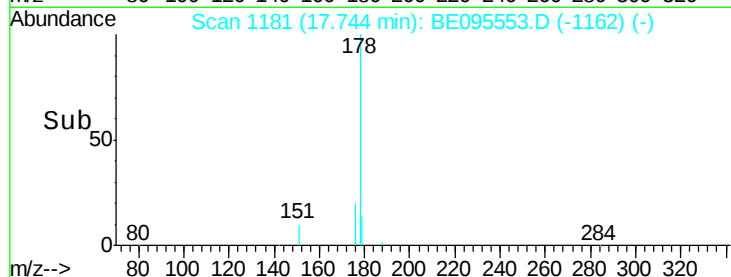
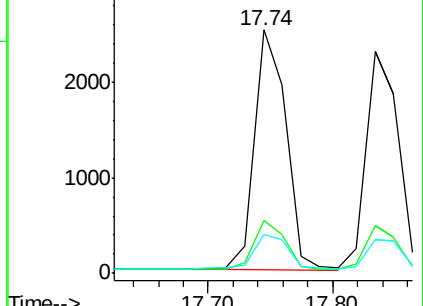
179 15.0 11.8 17.6



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: 0.254 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

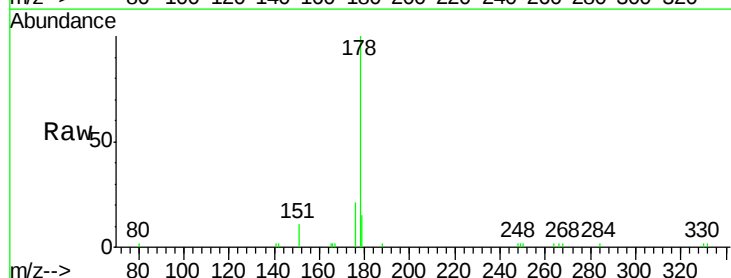
Tgt Ion:178 Resp: 4063

Ion Ratio Lower Upper

178 100

176 19.3 12.8 19.2#

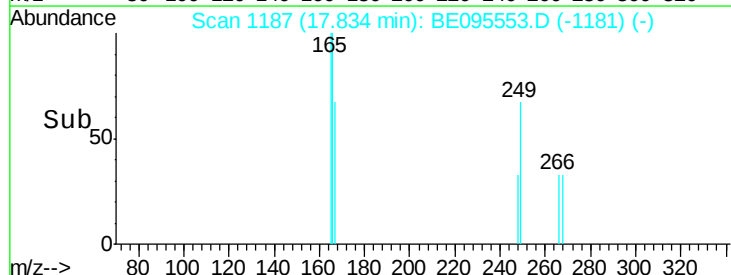
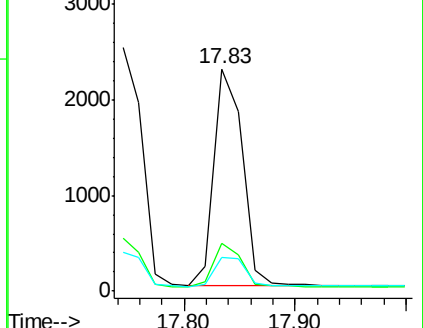
179 14.9 13.0 19.6

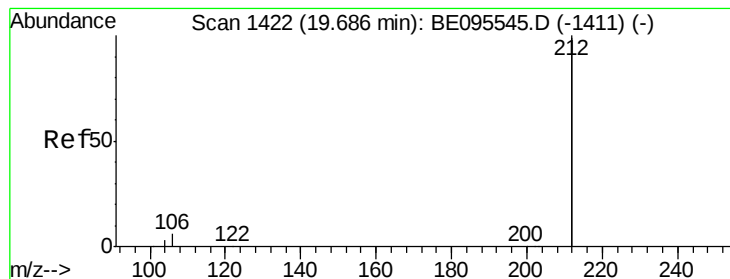


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.272 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

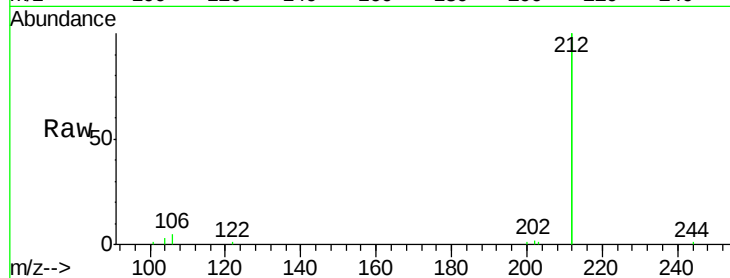
Tot Ion:212 Resp: 19967

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

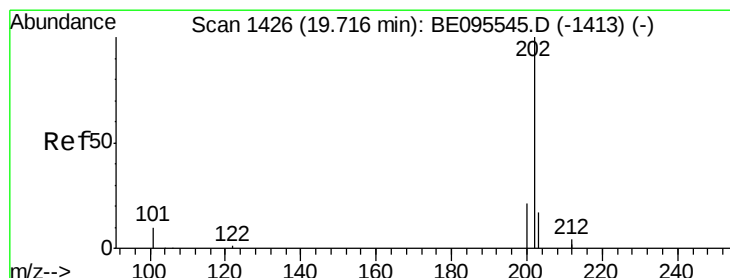
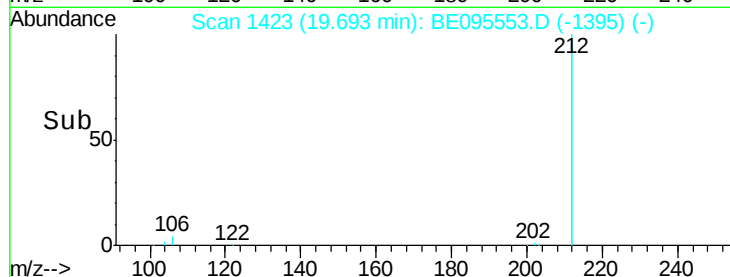
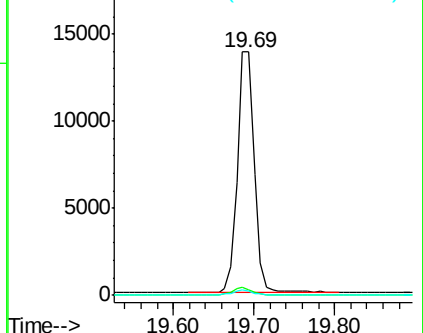
104 1.7 1.6 2.4



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: 0.259 ng

RT: 19.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

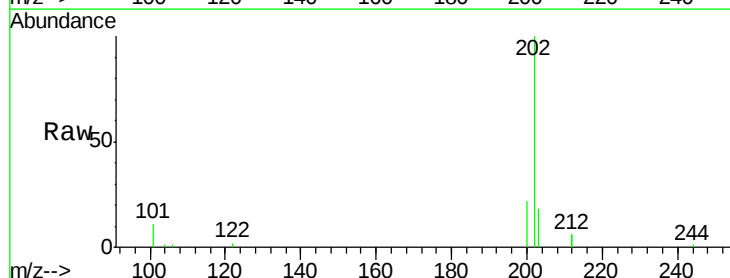
Tgt Ion:202 Resp: 5579

Ion Ratio Lower Upper

202 100

101 10.3 9.8 14.8

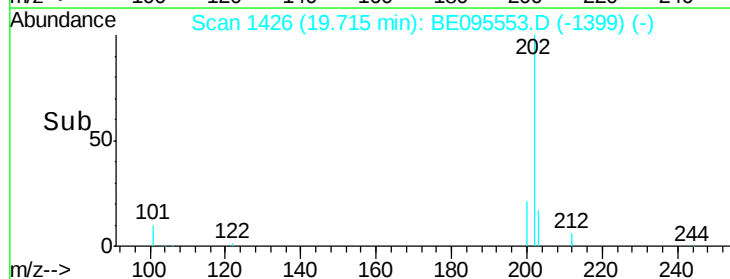
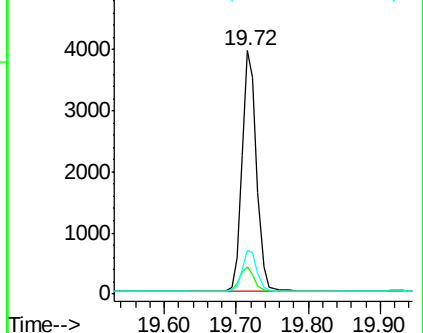
203 16.9 13.7 20.5

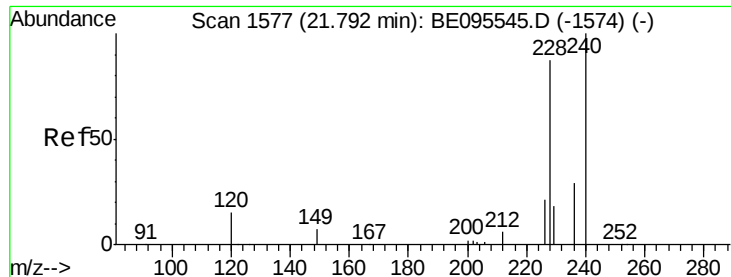


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

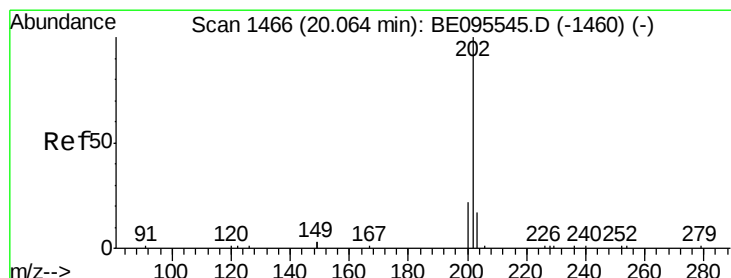
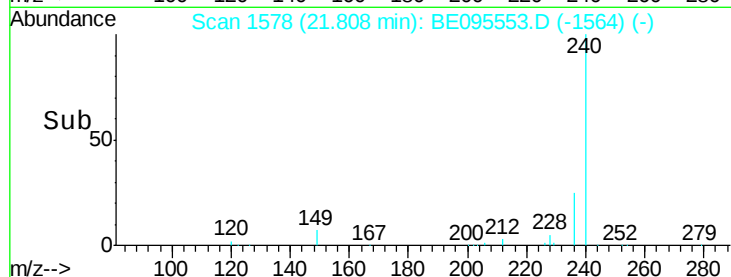
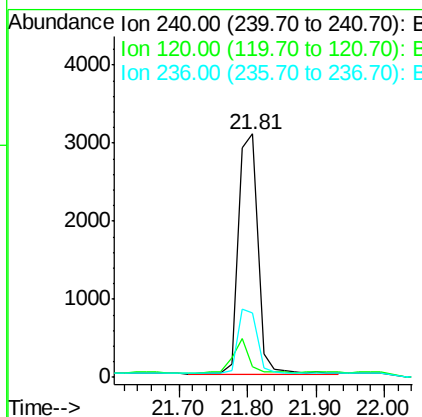
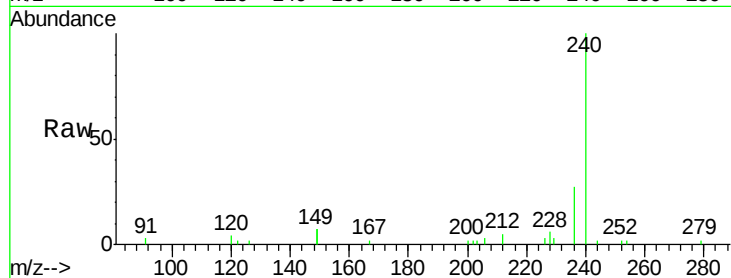




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.81 min Scan# 1578
Delta R.T. 0.02 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

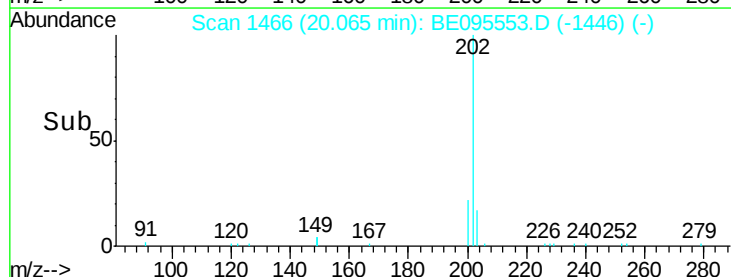
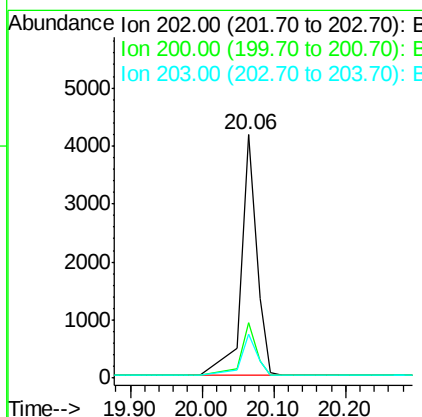
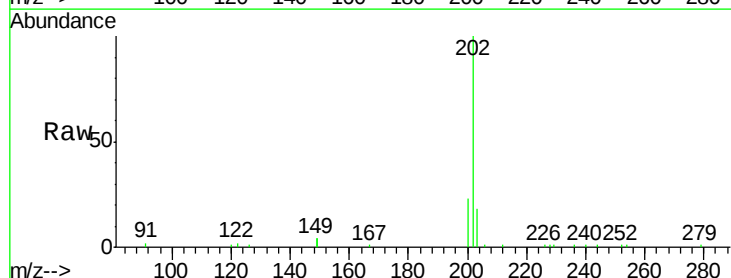
Instrument :
BNA_E
ClientSampleId :
PB106170BS

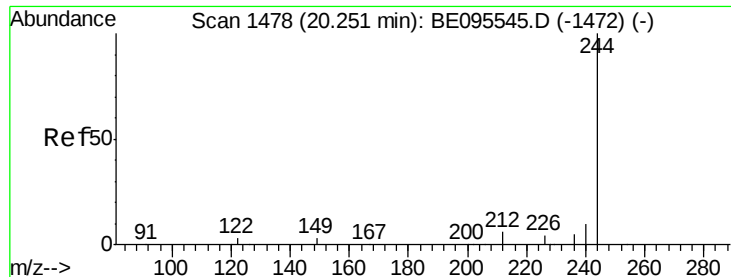
Tot Ion:240 Resp: 6085
Ion Ratio Lower Upper
240 100
120 4.2 5.5 8.3#
236 26.7 20.7 31.1



#28
Pyrene
Concen: 0.246 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

Tgt Ion:202 Resp: 6286
Ion Ratio Lower Upper
202 100
200 23.6 16.6 25.0
203 14.6 13.8 20.8





#29

Terphenyl-d14

Concen: 0.307 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

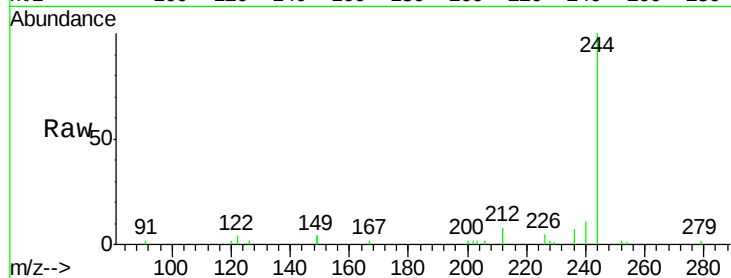
Tot Ion:244 Resp: 3982

Ion Ratio Lower Upper

244 100

212 7.6 25.4 38.0#

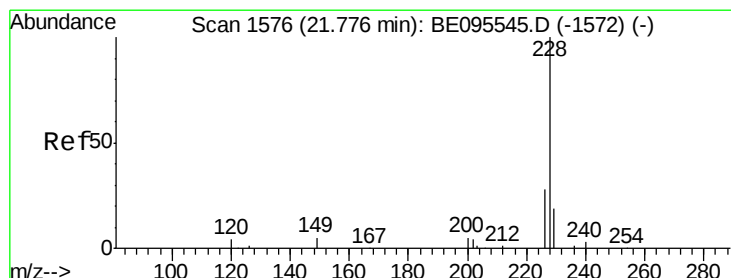
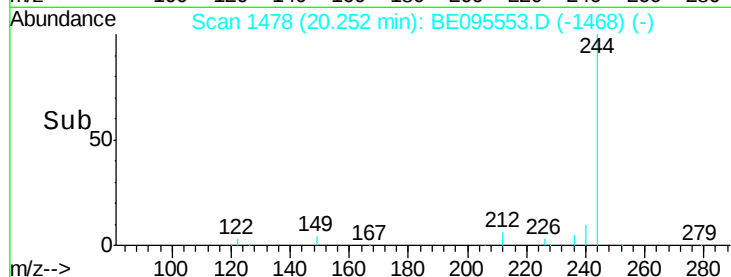
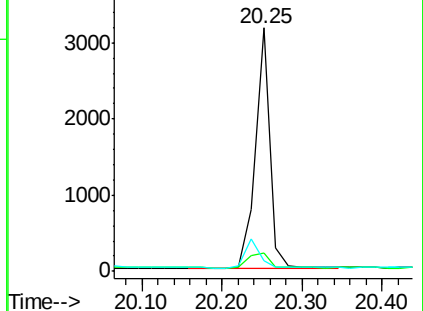
122 4.5 8.1 12.1#



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: 0.250 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

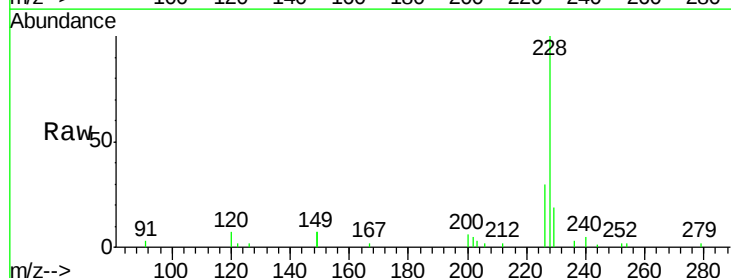
Tgt Ion:228 Resp: 5061

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

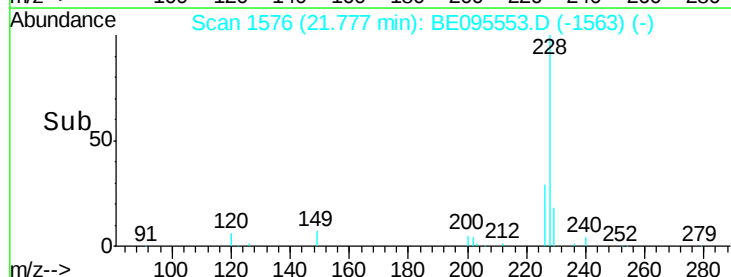
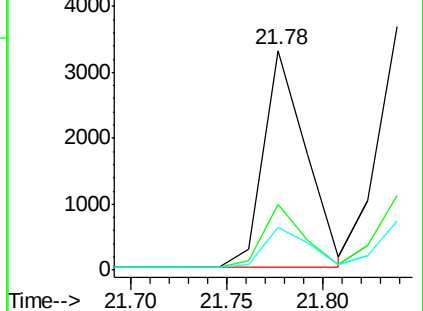
229 19.3 16.0 24.0

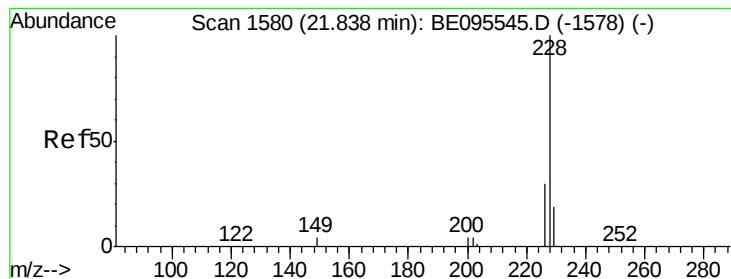


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.261 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

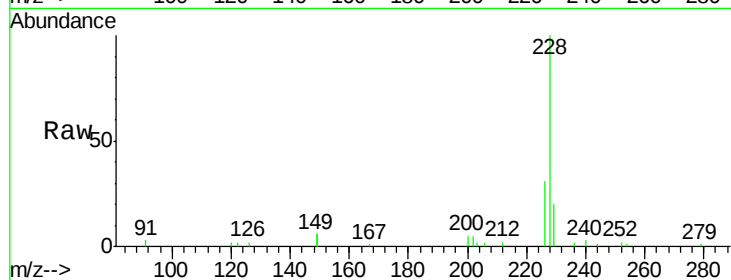
Tot Ion:228 Resp: 5218

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

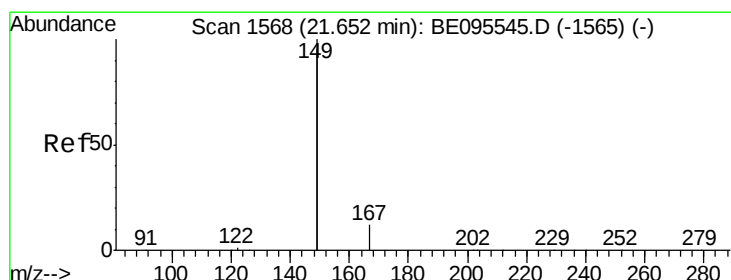
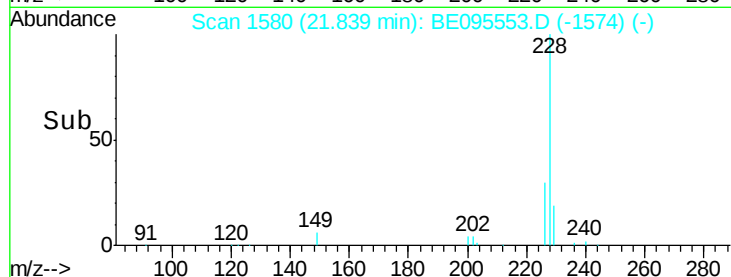
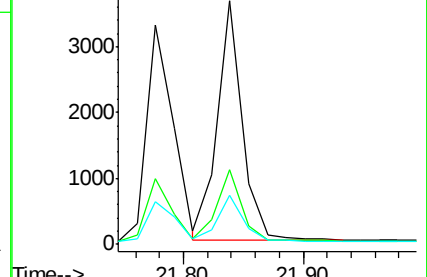
229 20.0 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.189 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

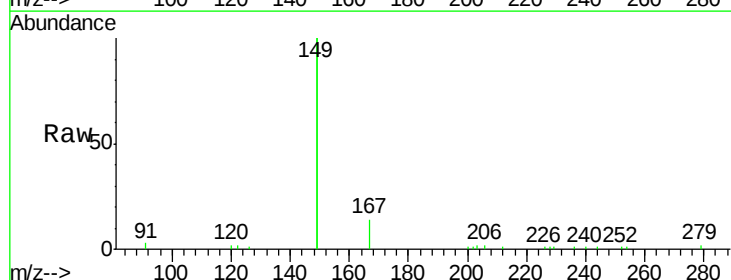
Tgt Ion:149 Resp: 8814

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

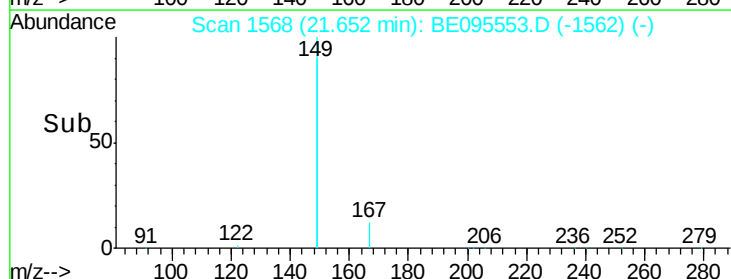
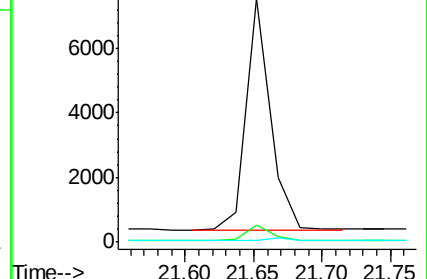
279 0.8 0.7 1.1

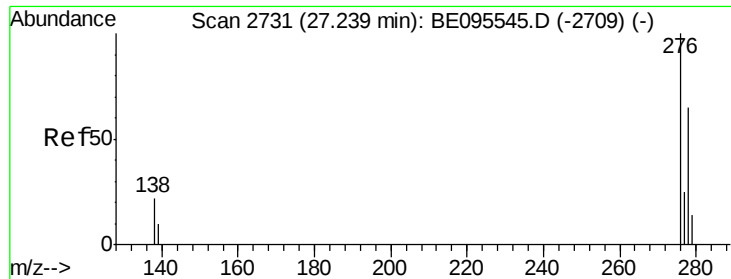


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

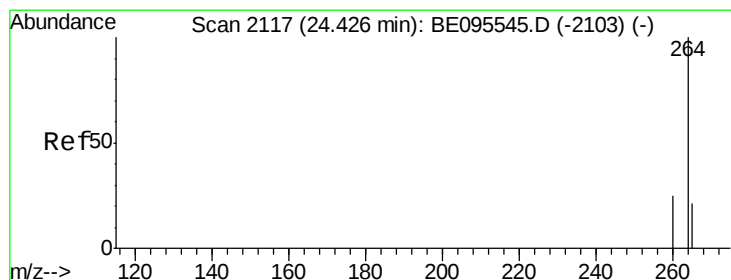
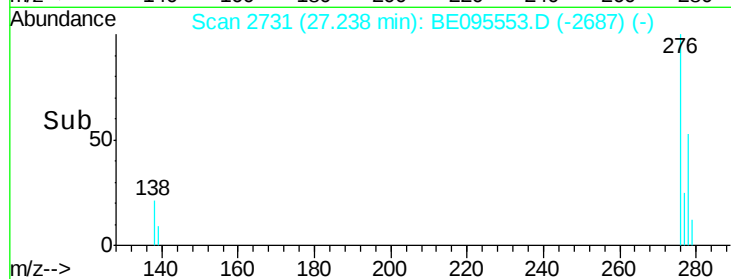
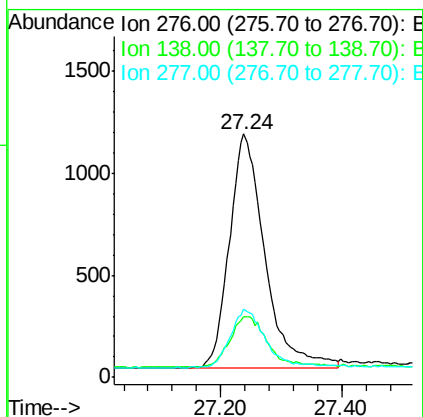
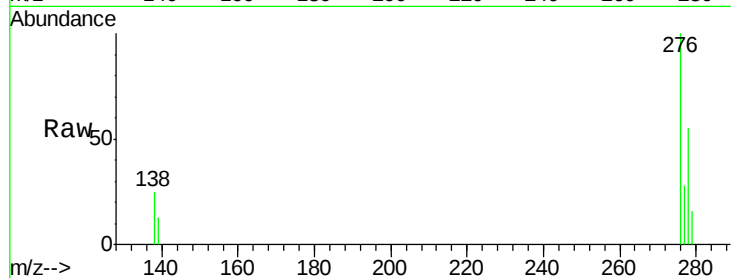




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng
RT: 27.24 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

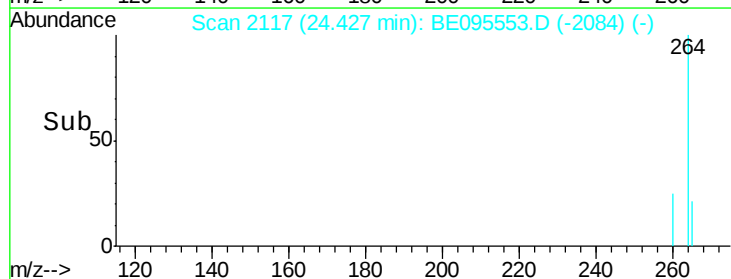
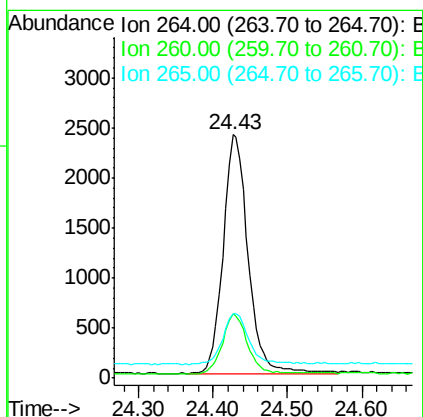
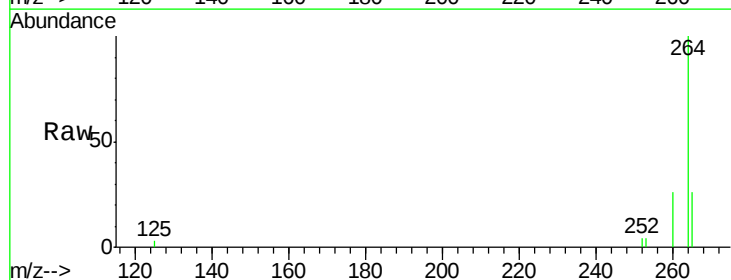
Instrument :
BNA_E
ClientSampleId :
PB106170BS

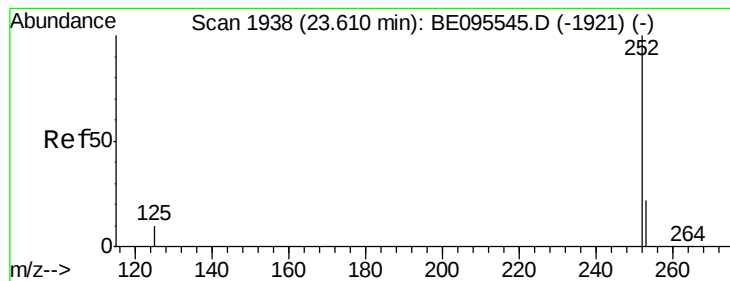
Tot Ion:276 Resp: 4675
Ion Ratio Lower Upper
276 100
138 21.8 22.5 33.7#
277 24.9 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

Tgt Ion:264 Resp: 5528
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 26.4 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.258 ng

RT: 23.61 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

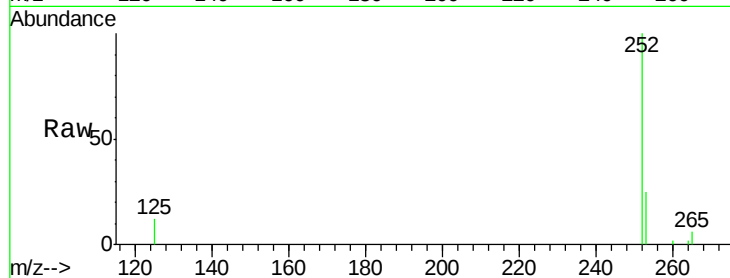
Tot Ion:252 Resp: 4859

Ion Ratio Lower Upper

252 100

253 24.6 20.0 30.0

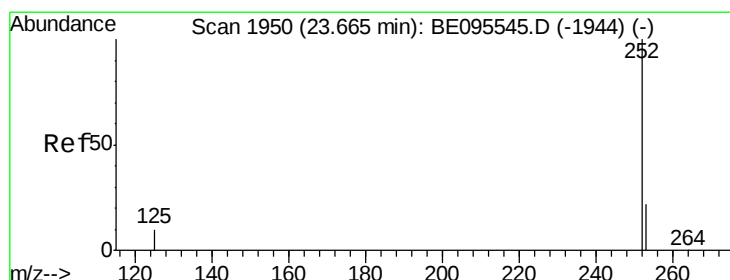
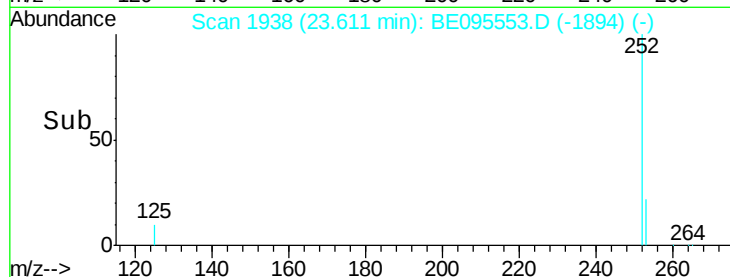
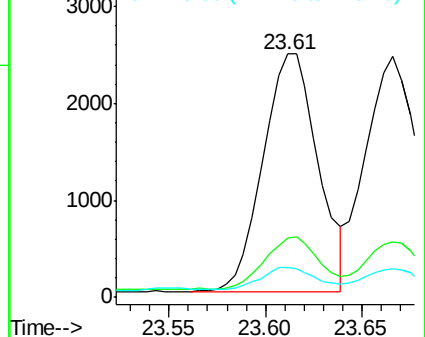
125 12.2 16.0 24.0#



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: 0.256 ng

RT: 23.67 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

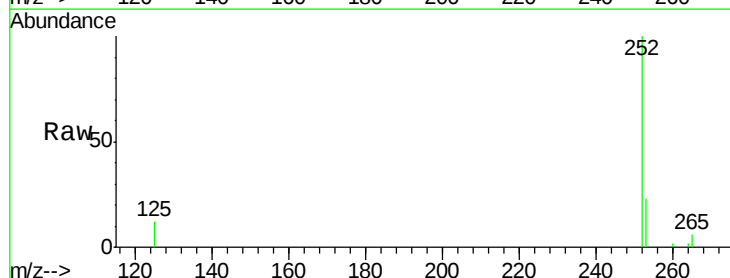
Tgt Ion:252 Resp: 4950

Ion Ratio Lower Upper

252 100

253 23.2 16.0 24.0

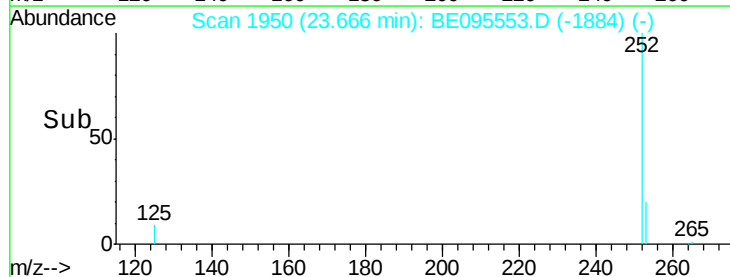
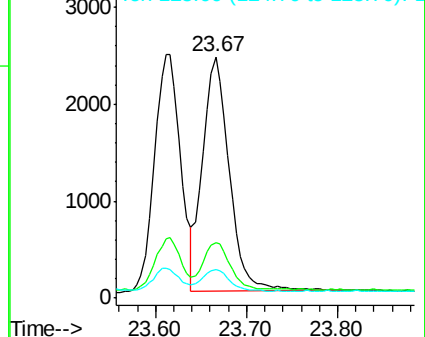
125 11.9 8.0 12.0

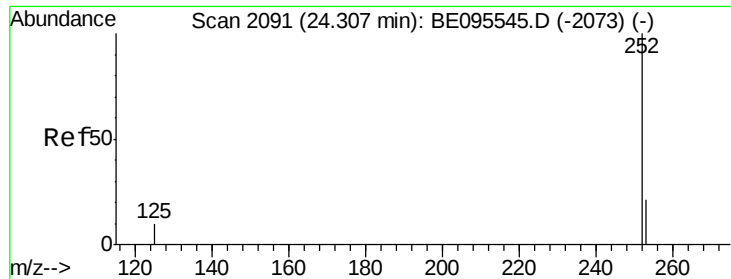


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

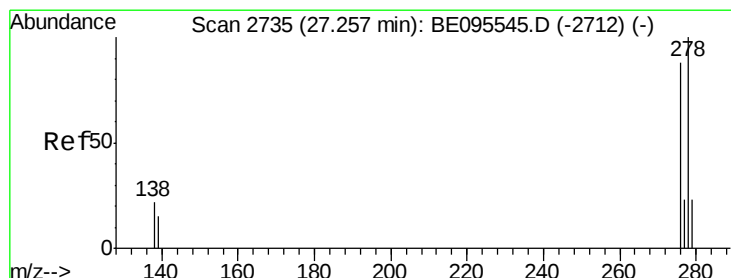
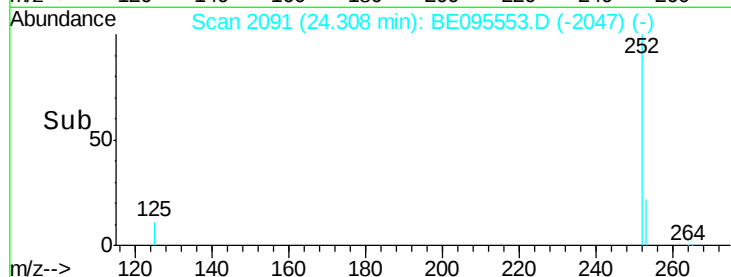
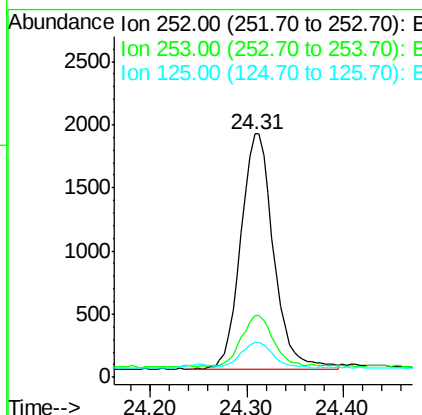
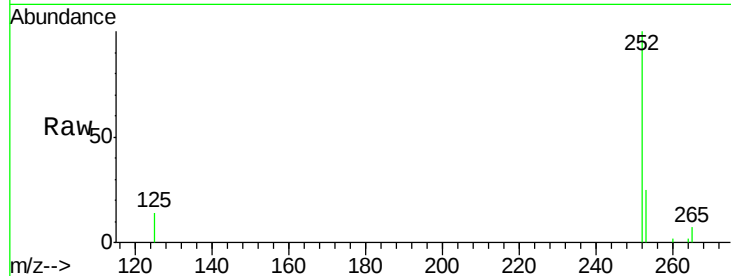




#37
Benzo(a)pyrene
Concen: 0.252 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

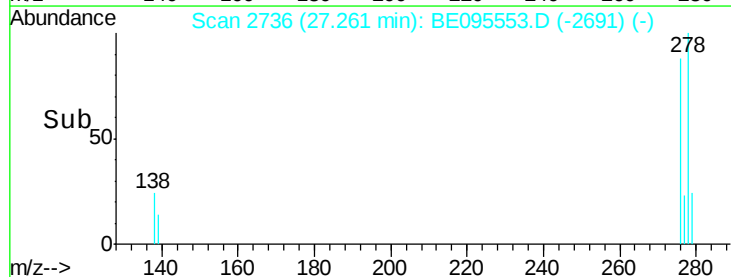
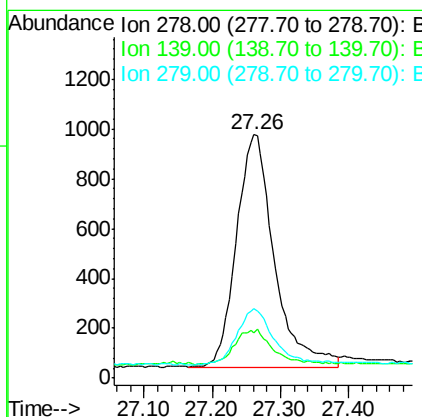
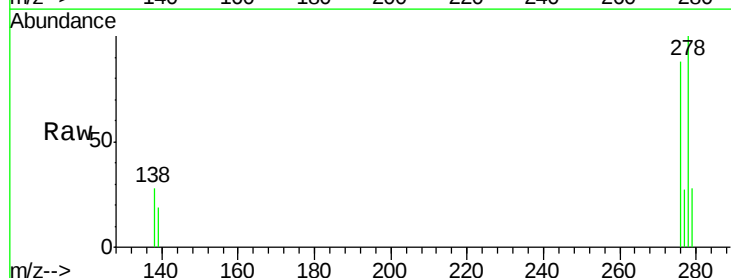
Instrument :
BNA_E
ClientSampleId :
PB106170BS

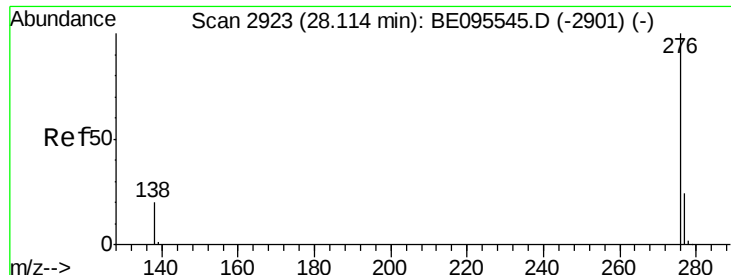
Tot Ion:252 Resp: 4427
Ion Ratio Lower Upper
252 100
253 25.3 16.0 24.0#
125 14.4 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.234 ng
RT: 27.26 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BE095553.D
Acq: 7 Feb 2018 15:17

Tgt Ion:278 Resp: 3592
Ion Ratio Lower Upper
278 100
139 18.7 16.0 24.0
279 28.5 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.252 ng

RT: 28.11 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BE095553.D

Acq: 7 Feb 2018 15:17

Instrument :

BNA_E

ClientSampleId :

PB106170BS

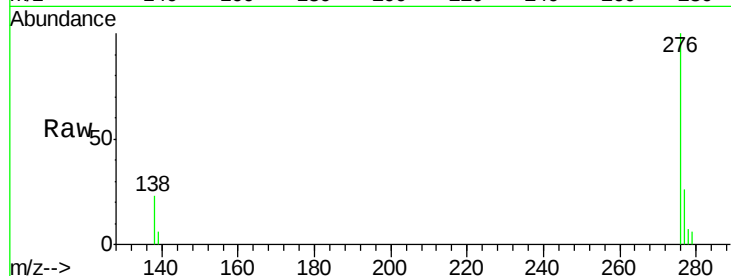
Tot Ion: 276 Resp: 4150

Ion Ratio Lower Upper

276 100

277 26.5 16.0 24.0#

138 22.8 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

