

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
 Data File : BE095667.D
 Acq On : 12 Feb 2018 18:32
 Operator : SJ/JU
 Sample : PB106445BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 13 03:27:21 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	1100	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4090	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2217	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5067	0.40	ng	0.00
27) Chrysene-d12	21.79	240	5446	0.40	ng	0.00
34) Perylene-d12	24.43	264	5208	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1242	0.37	ng	0.00
5) Phenol-d6	7.55	99	1637	0.36	ng	-0.01
8) Nitrobenzene-d5	9.60	82	1495	0.34	ng	-0.02
11) 2-Methylnaphthalene-d10	12.80	152	2464	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	313	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	3492	0.37	ng	-0.02
25) Fluoranthene-d10	19.69	212	26116	0.39	ng	0.00
29) Terphenyl-d14	20.25	244	4166	0.36	ng	0.00

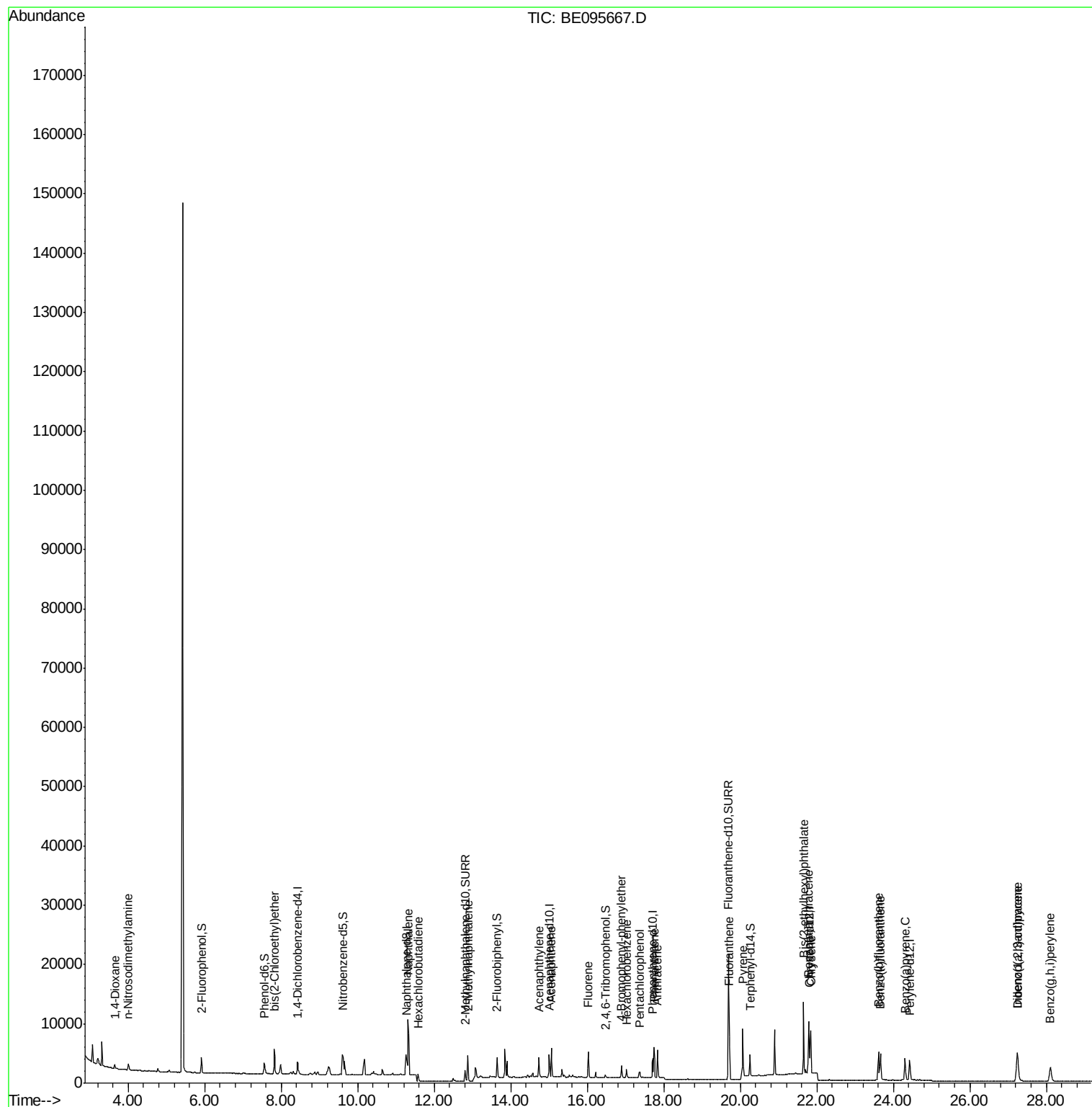
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	538	0.30	ng	# 14
3) n-Nitrosodimethylamine	3.99	42	844	0.37	ng	# 84
6) bis(2-Chloroethyl)ether	7.83	93	1450	0.34	ng	96
9) Naphthalene	11.31	128	16963	0.36	ng	99
10) Hexachlorobutadiene	11.58	225	846	0.33	ng	90
12) 2-Methylnaphthalene	12.88	142	2889	0.36	ng	97
16) Acenaphthylene	14.73	152	4142	0.33	ng	99
17) Acenaphthene	15.06	154	2624	0.33	ng	97
18) Fluorene	16.02	166	3342	0.34	ng	# 80
20) 4-Bromophenyl-phenylether	16.89	248	1144	0.38	ng	# 69
21) Hexachlorobenzene	17.03	284	1111	0.35	ng	# 81
22) Pentachlorophenol	17.37	266	654	0.67	ng	# 77
23) Phenanthrene	17.74	178	5726	0.37	ng	99
24) Anthracene	17.83	178	5265	0.36	ng	95
26) Fluoranthene	19.72	202	7258	0.37	ng	97
28) Pyrene	20.07	202	8149	0.36	ng	98
30) Benzo(a)anthracene	21.78	228	7034	0.39	ng	97
31) Chrysene	21.84	228	6899	0.39	ng	99
32) Bis(2-ethylhexyl)phthalate	21.65	149	13696	0.33	ng	100
33) Indeno(1,2,3-cd)pyrene	27.23	276	7081	0.41	ng	94
35) Benzo(b)fluoranthene	23.61	252	6957	0.39	ng	# 90
36) Benzo(k)fluoranthene	23.66	252	6418	0.35	ng	93
37) Benzo(a)pyrene	24.31	252	6233	0.38	ng	# 90
38) Dibenzo(a,h)anthracene	27.25	278	5828	0.40	ng	98
39) Benzo(g,h,i)perylene	28.10	276	6128	0.39	ng	# 92

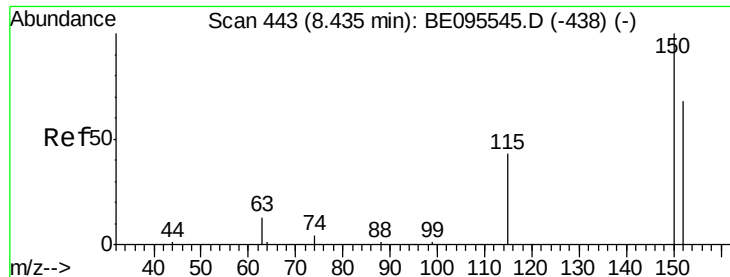
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021318\
Data File : BE095667.D
Acq On : 12 Feb 2018 18:32
Operator : SJ/JU
Sample : PB106445BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 13 03:27:21 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



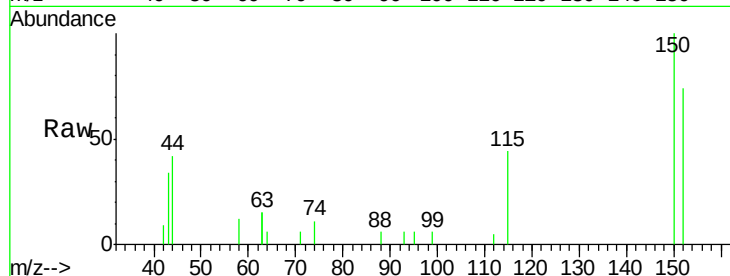


#1

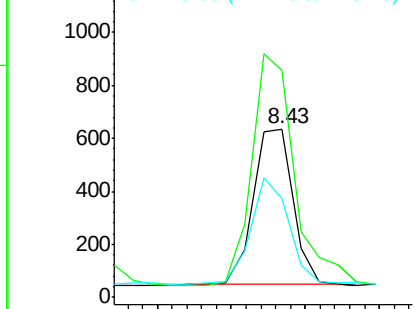
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.43 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Instrument :
BNA_E
ClientSampleId :

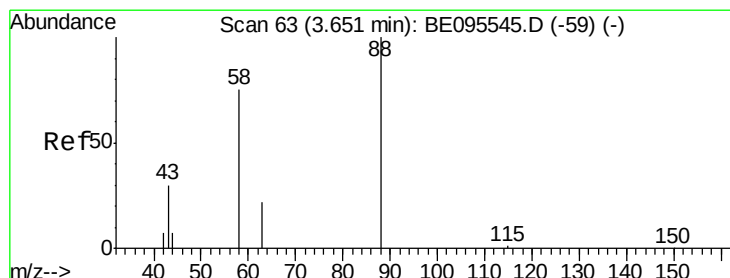
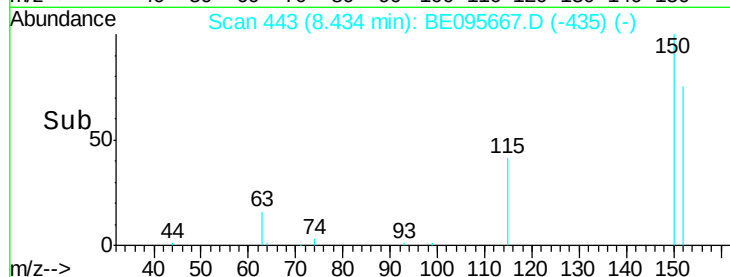
Tot Ion:152 Resp: 1100
Ion Ratio Lower Upper
152 100
150 134.6 117.2 175.8
115 59.1 57.0 85.6



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



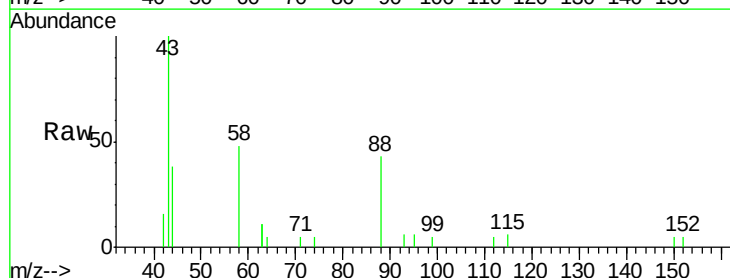
Time-->



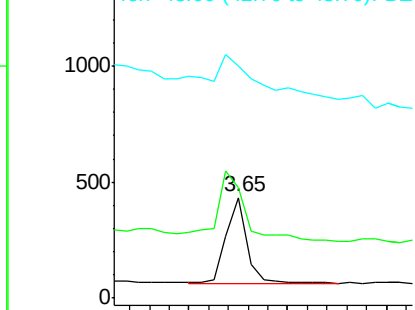
#2

1,4-Dioxane
Concen: 0.30 ng
RT: 3.65 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

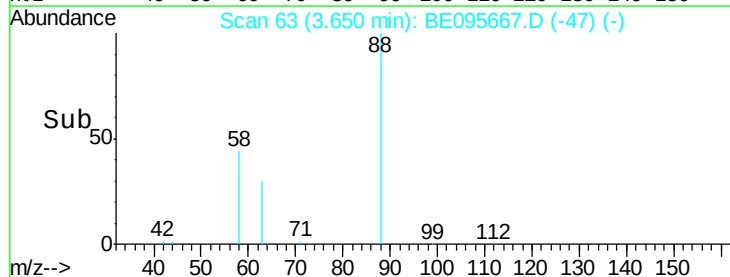
Tgt Ion: 88 Resp: 538
Ion Ratio Lower Upper
88 100
58 113.8 63.2 94.8#
43 162.1 41.2 61.8#

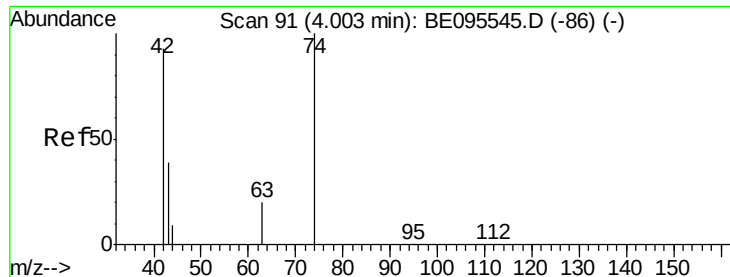


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.99 min Scan# 90

Delta R.T. -0.01 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

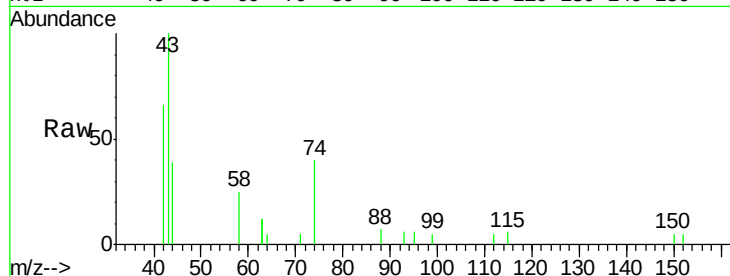
Tot Ion: 42 Resp: 844

Ion Ratio Lower Upper

42 100

74 102.7 96.0 144.0

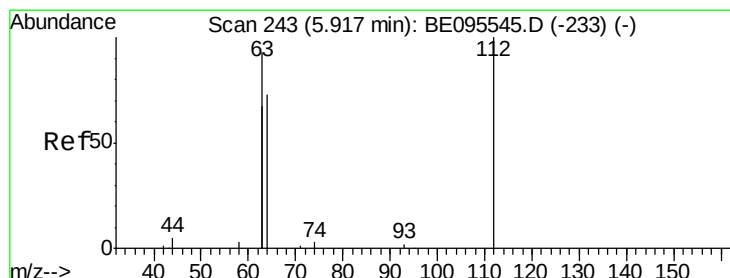
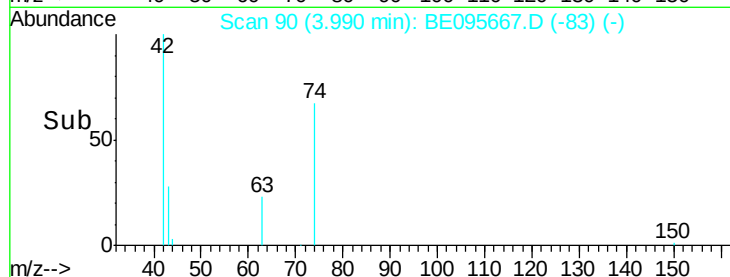
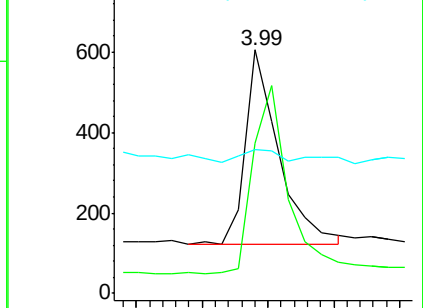
44 7.8 12.0 18.0#



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: 0.37 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

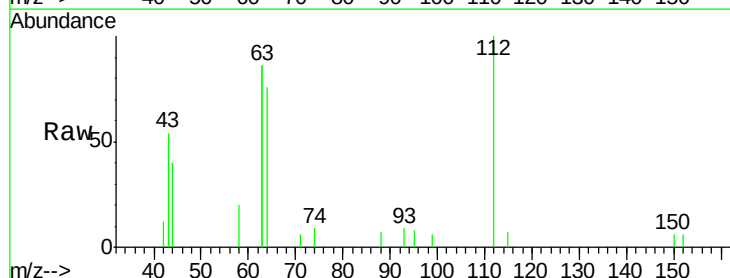
Tgt Ion: 112 Resp: 1242

Ion Ratio Lower Upper

112 100

64 72.9 60.1 90.1

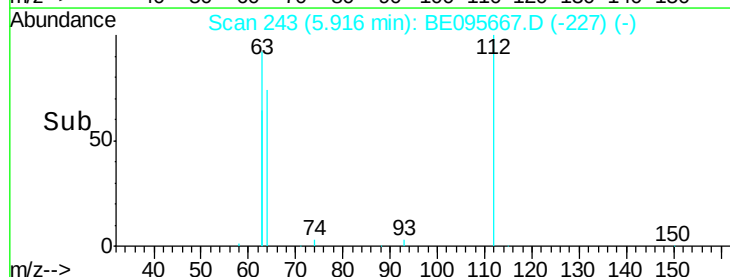
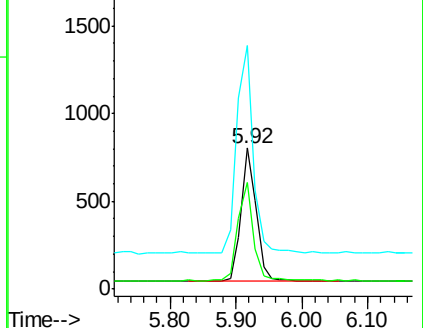
63 165.3 116.8 175.2

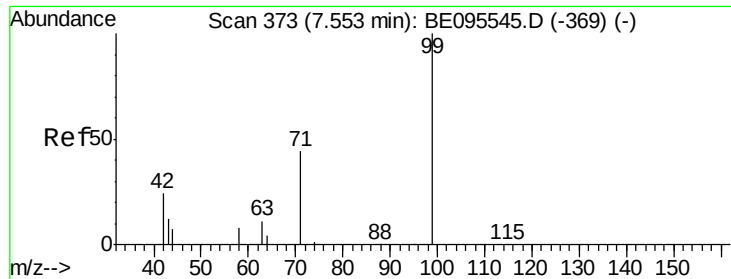


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampled :

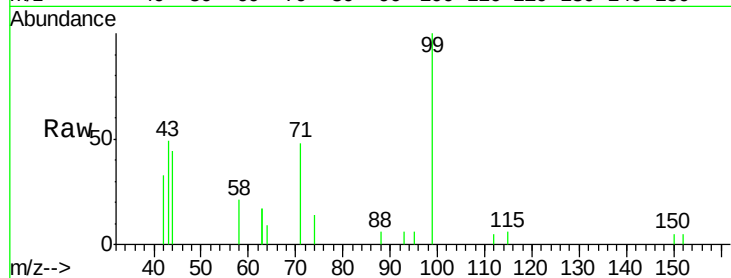
Tot Ion: 99 Resp: 1637

Ion Ratio Lower Upper

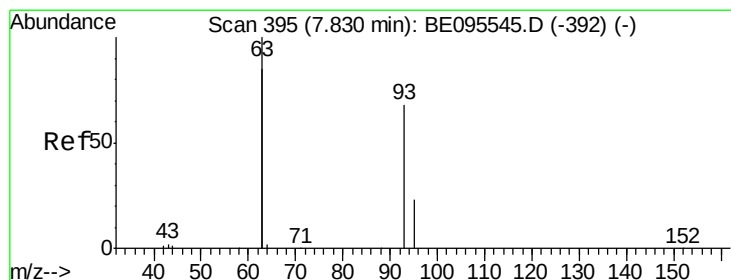
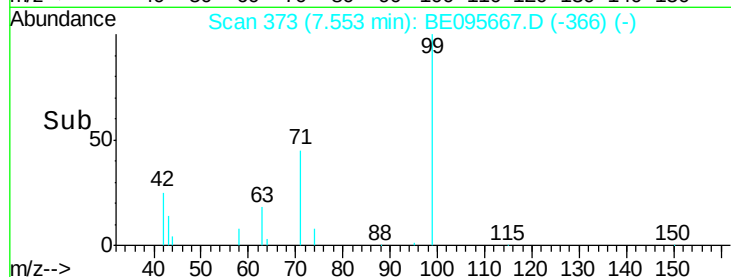
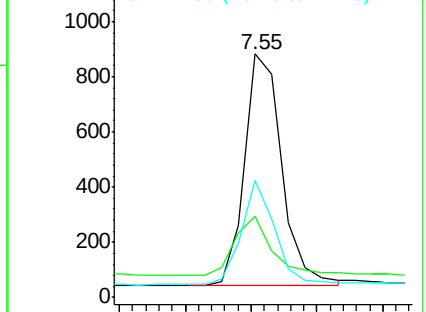
99 100

42 25.2 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: 0.34 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

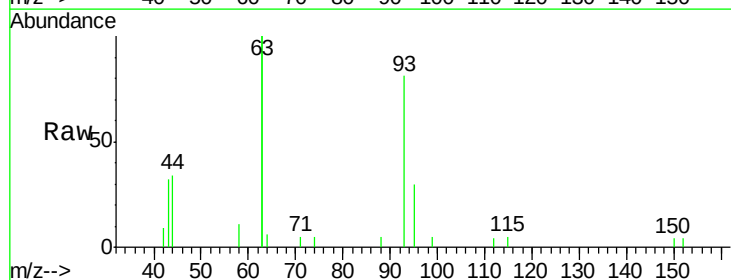
Tgt Ion: 93 Resp: 1450

Ion Ratio Lower Upper

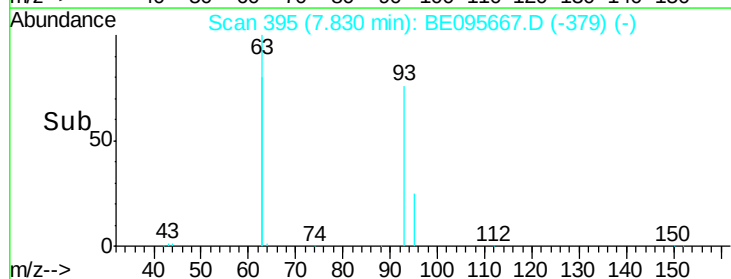
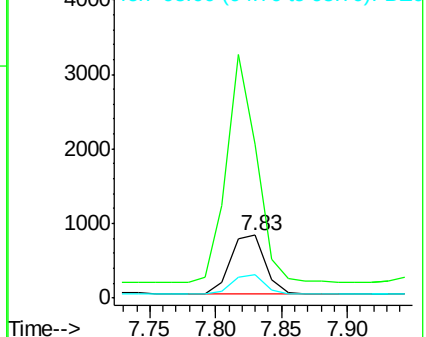
93 100

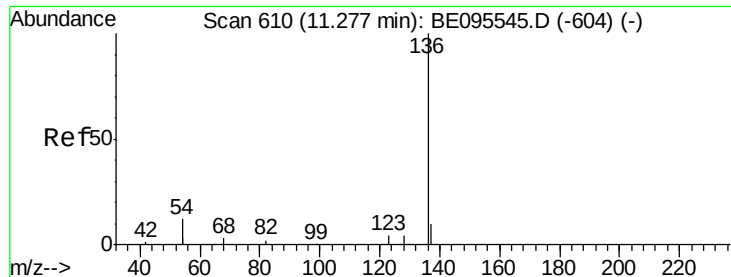
63 334.8 275.3 412.9

95 32.8 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: 0.40 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4090

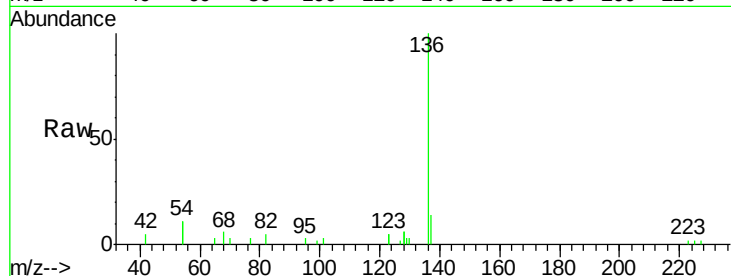
Ion Ratio Lower Upper

136 100

137 13.7 9.5 14.3

54 22.3 29.1 43.7#

68 5.5 6.2 9.2#

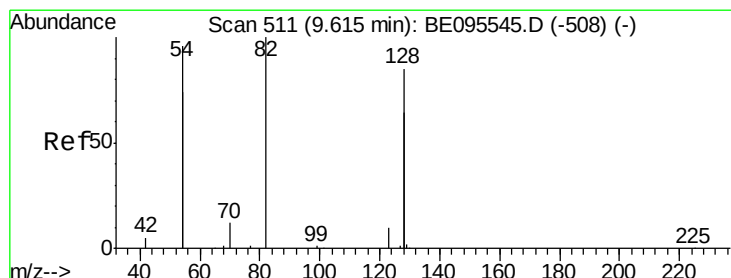
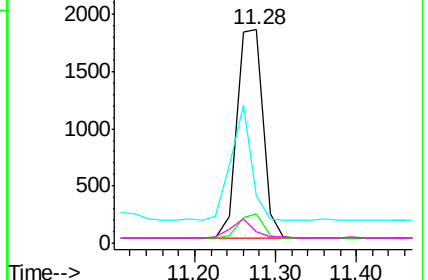
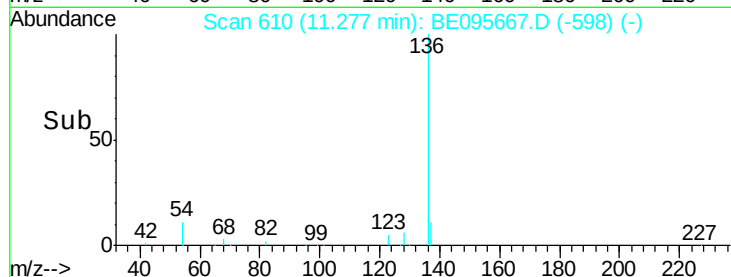


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

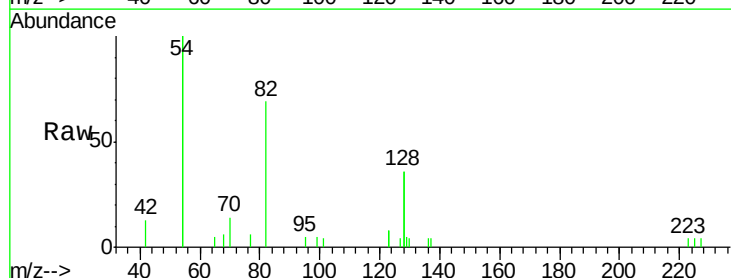
Tgt Ion: 82 Resp: 1495

Ion Ratio Lower Upper

82 100

128 103.8 150.0 225.0#

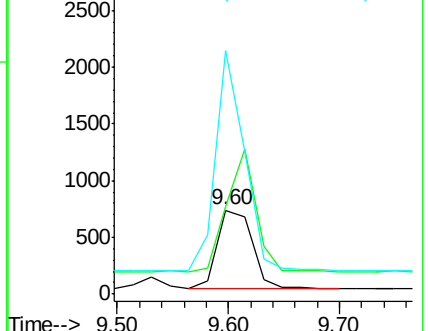
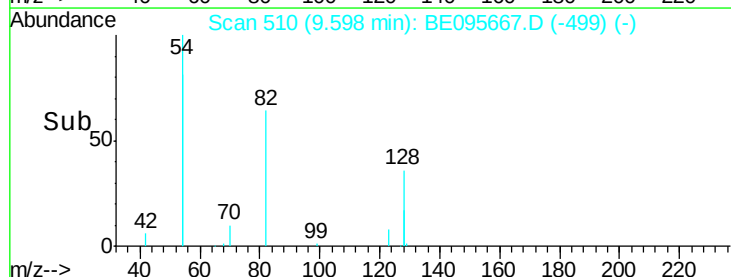
54 290.0 154.2 231.4#

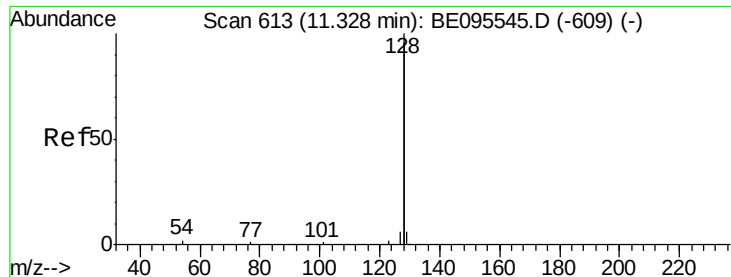


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.36 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

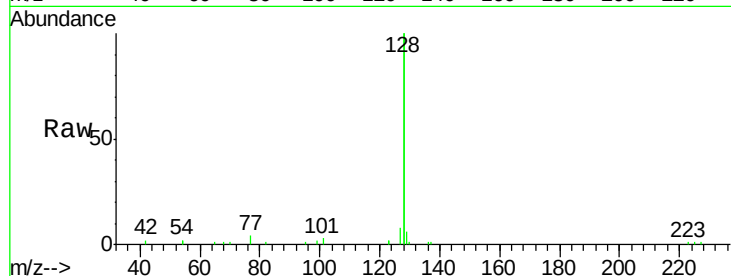
Tot Ion:128 Resp: 16963

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

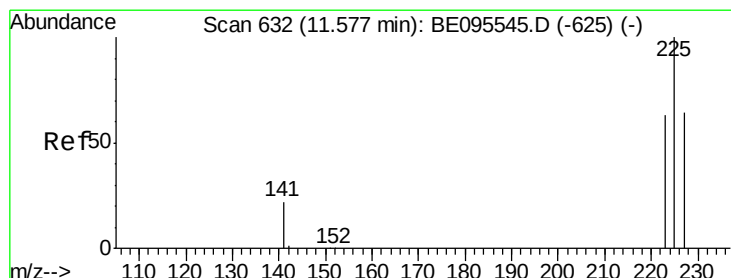
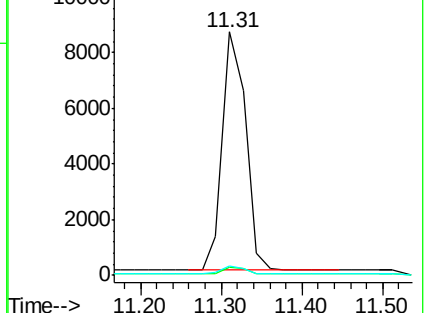
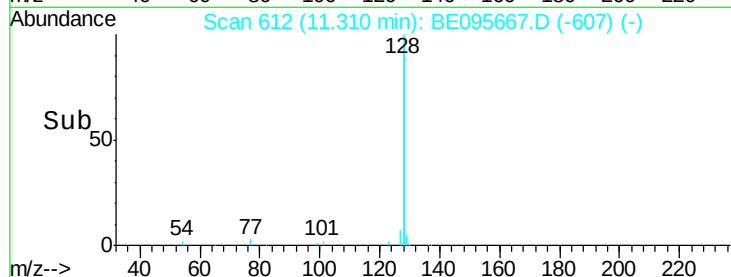
127 3.8 2.8 4.2



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: 0.33 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

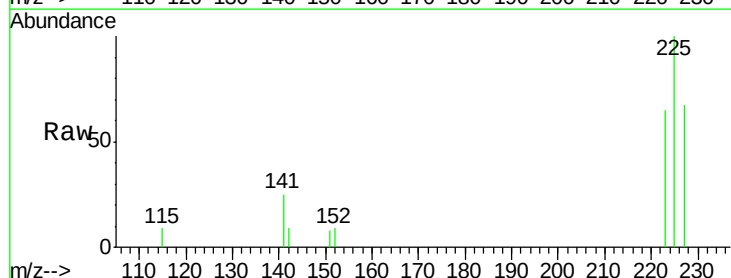
Tgt Ion:225 Resp: 846

Ion Ratio Lower Upper

225 100

223 72.9 53.0 79.6

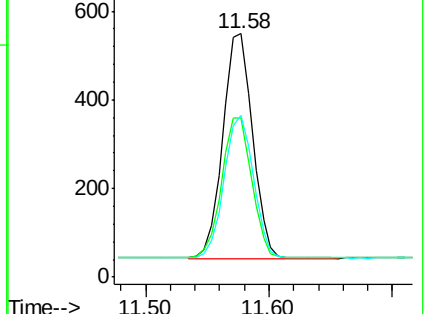
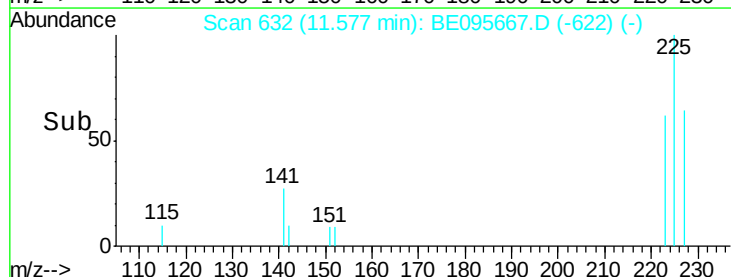
227 73.4 51.4 77.2

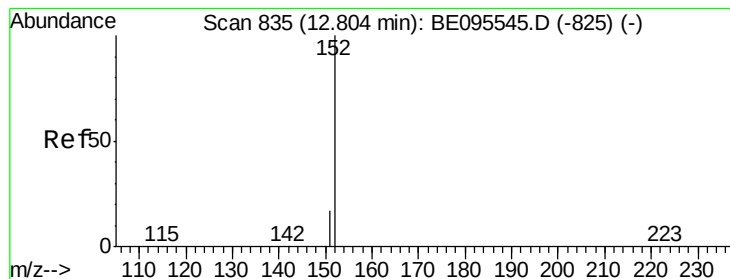


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.36 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

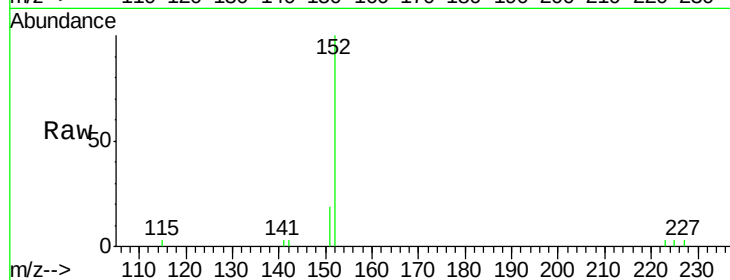
ClientSampleId :

Tot Ion:152 Resp: 2464

Ion Ratio Lower Upper

152 100

151 20.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.80

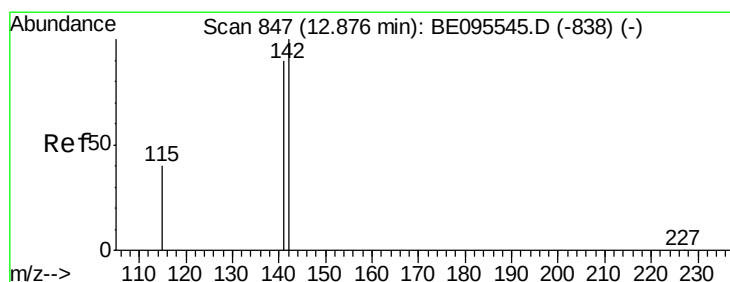
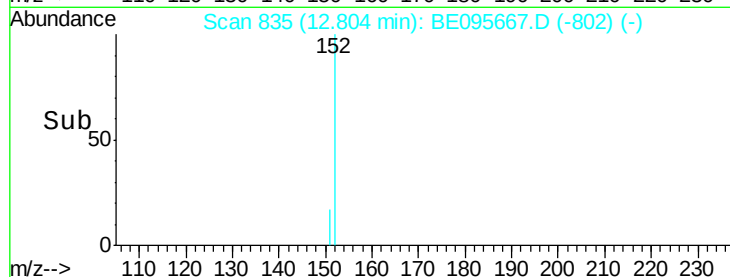
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.36 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

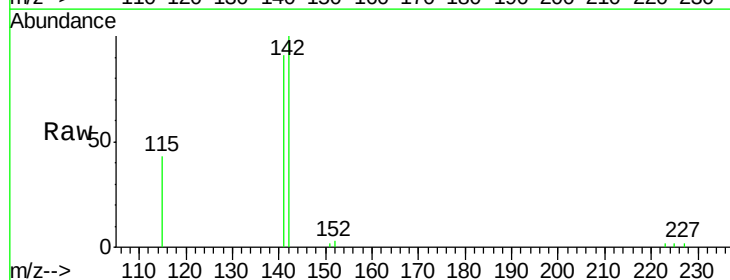
Tgt Ion:142 Resp: 2889

Ion Ratio Lower Upper

142 100

141 90.6 70.4 105.6

115 42.7 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

2500

2000

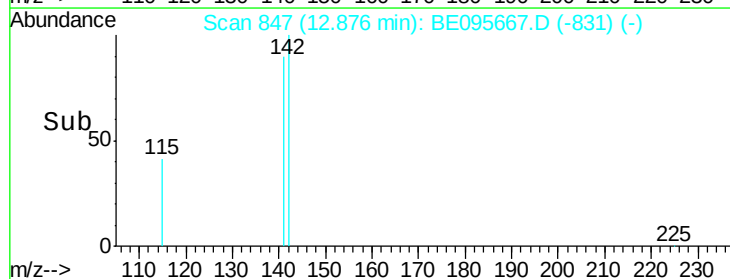
1500

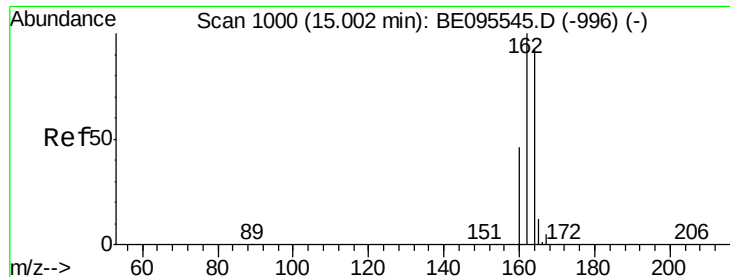
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

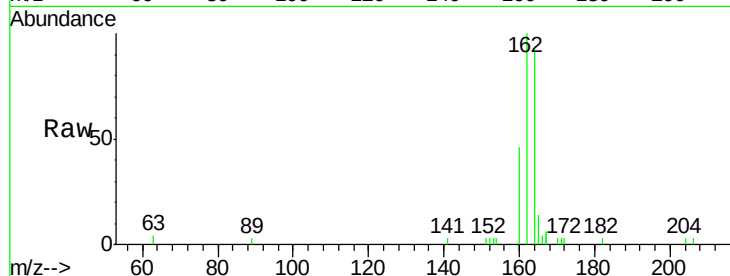
Tot Ion:164 Resp: 2217

Ion Ratio Lower Upper

164 100

162 108.2 83.1 124.7

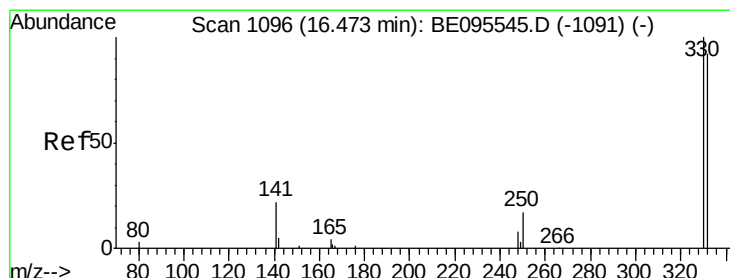
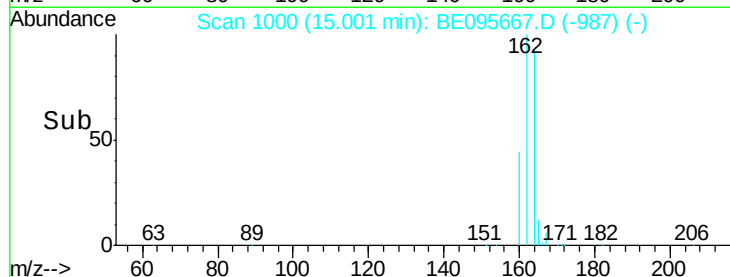
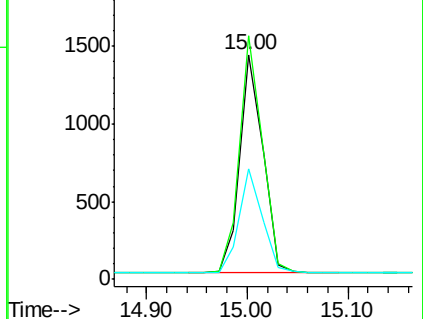
160 49.3 37.1 55.7



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: 0.31 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

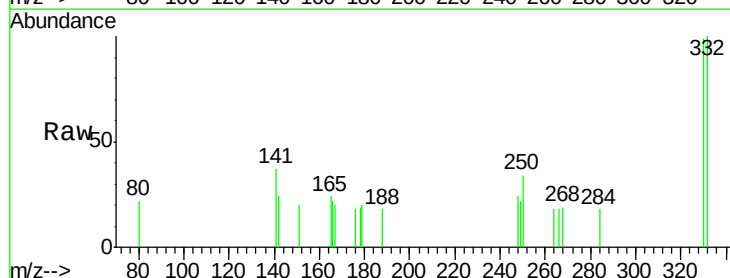
Tgt Ion:330 Resp: 313

Ion Ratio Lower Upper

330 100

332 101.6 152.7 229.1#

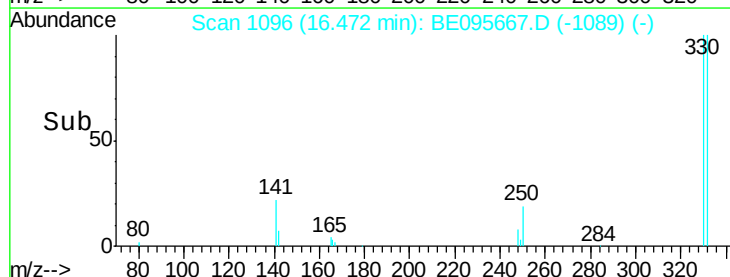
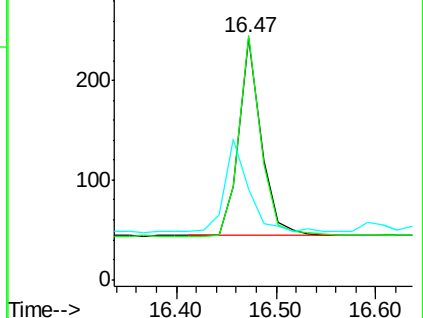
141 49.8 33.7 50.5

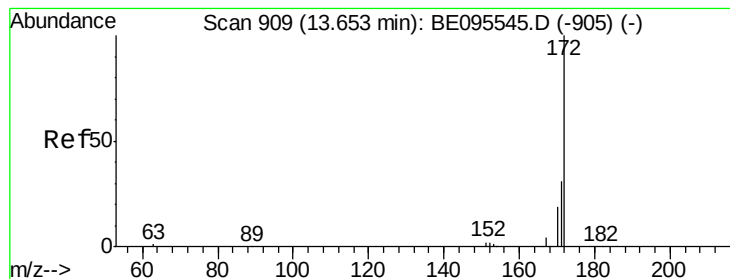


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.37 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.02 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

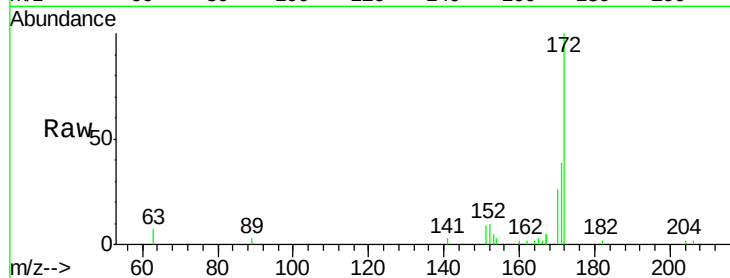
Tot Ion:172 Resp: 3492

Ion Ratio Lower Upper

172 100

171 39.1 29.9 44.9

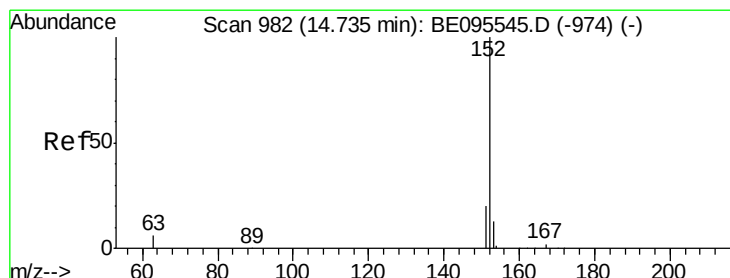
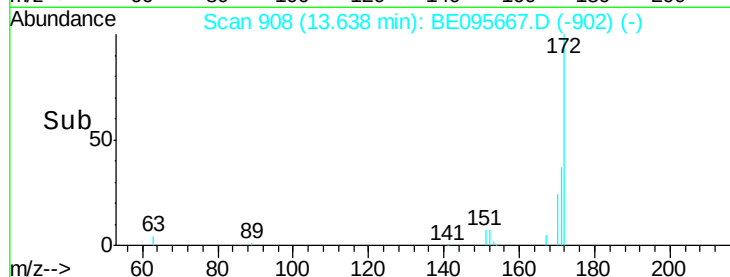
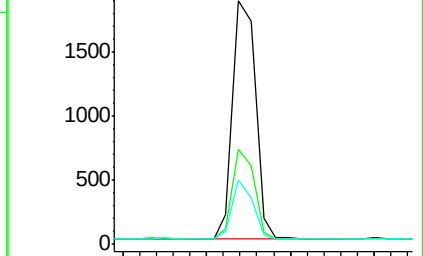
170 26.5 21.8 32.8



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: 0.33 ng

RT: 14.73 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

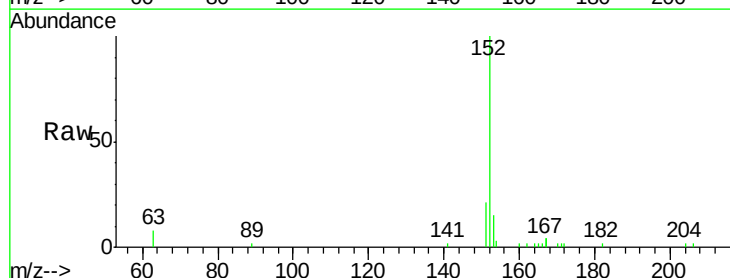
Tgt Ion:152 Resp: 4142

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

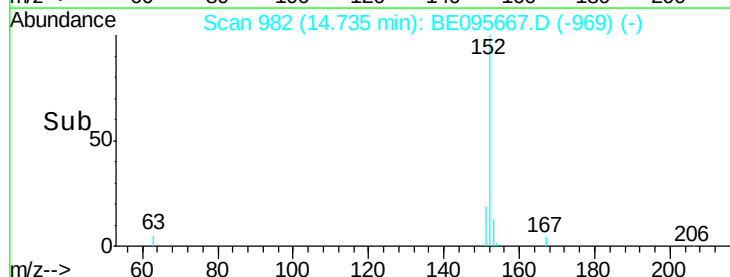
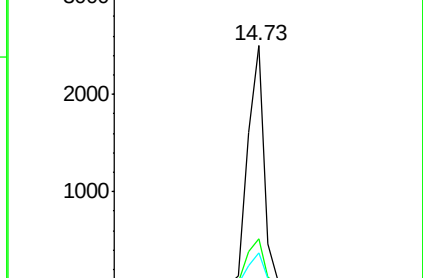
153 13.5 10.5 15.7

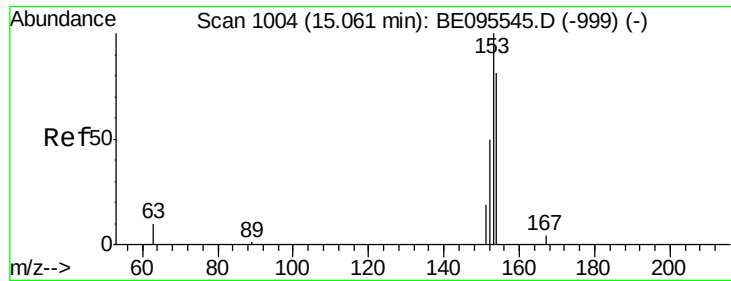


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.33 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

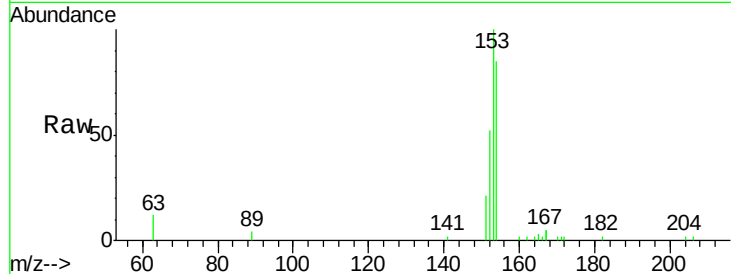
Tot Ion:154 Resp: 2624

Ion Ratio Lower Upper

154 100

153 113.3 89.2 133.8

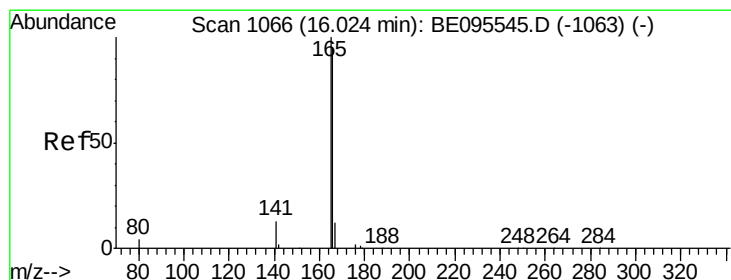
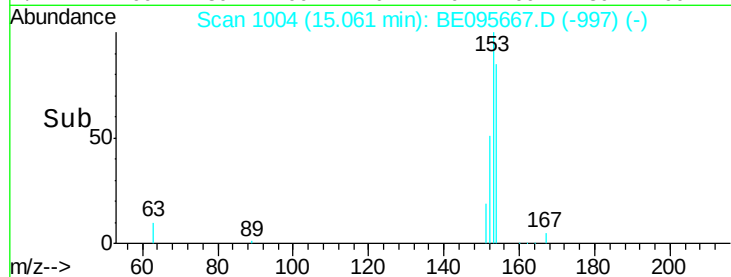
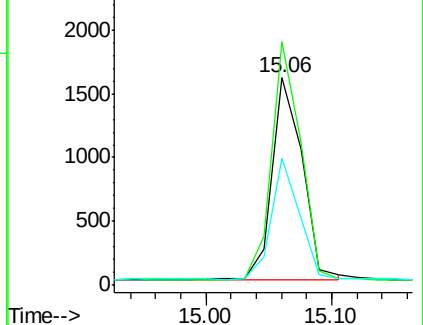
152 55.8 42.0 63.0



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: 0.34 ng

RT: 16.02 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

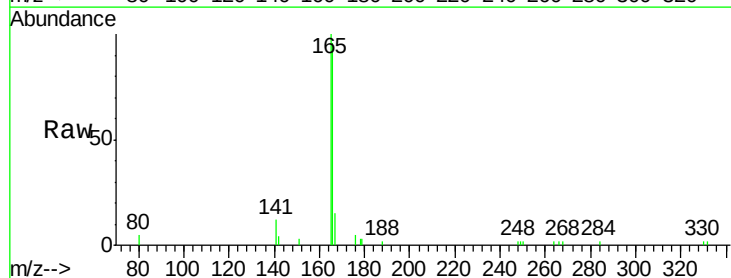
Tgt Ion:166 Resp: 3342

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.6

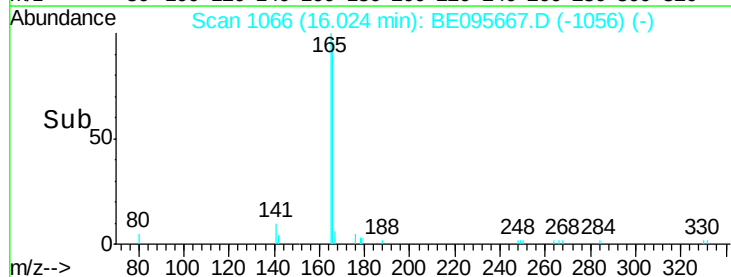
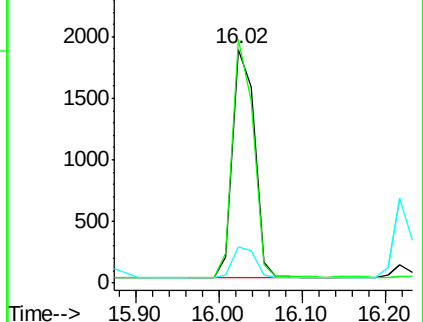
167 13.6 42.4 63.6#

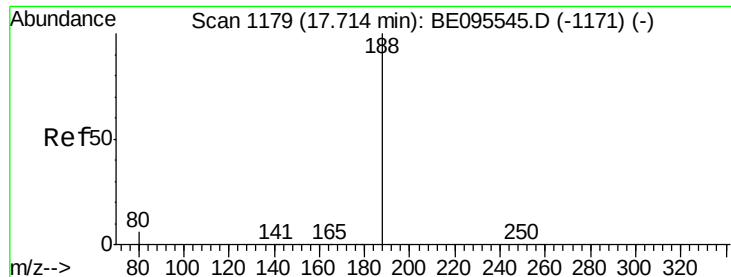


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

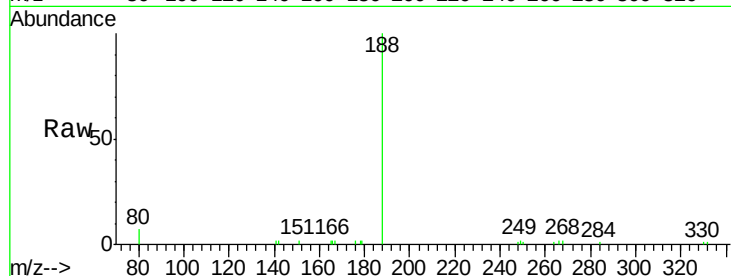
Tot Ion:188 Resp: 5067

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

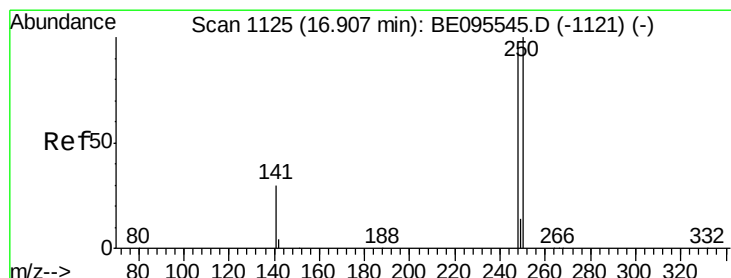
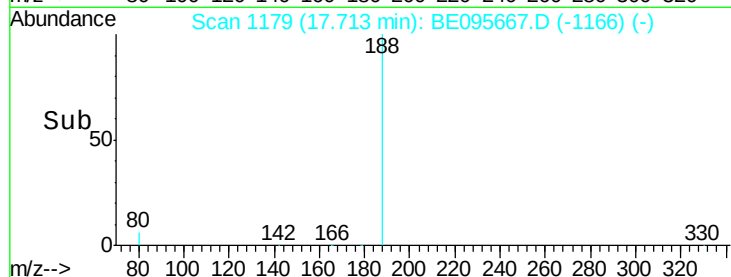
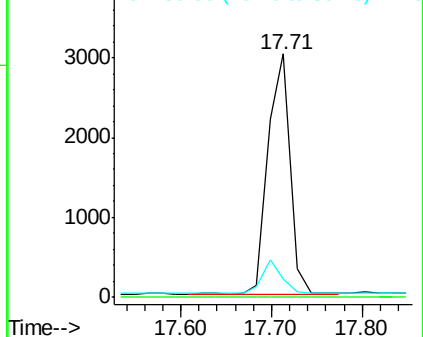
80 7.4 3.6 5.4#



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: 0.38 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

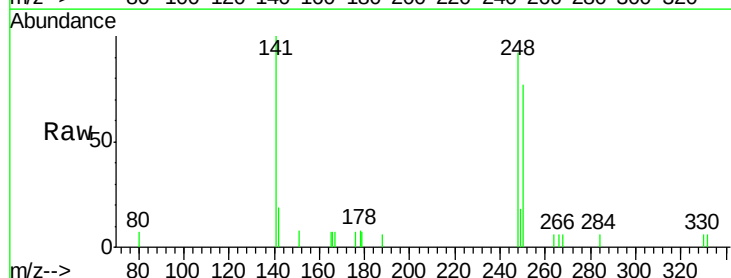
Tgt Ion:248 Resp: 1144

Ion Ratio Lower Upper

248 100

250 83.6 62.7 94.1

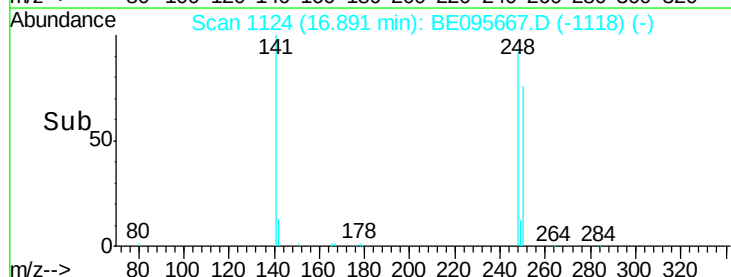
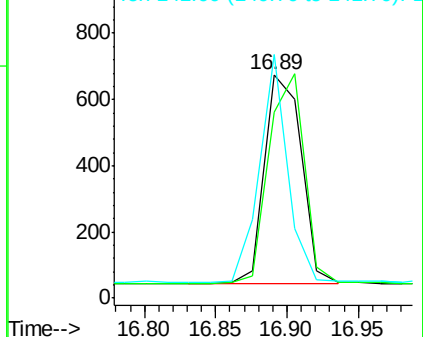
141 109.0 48.2 72.2#

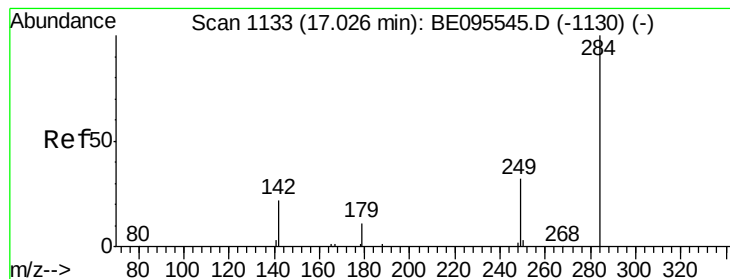


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.35 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

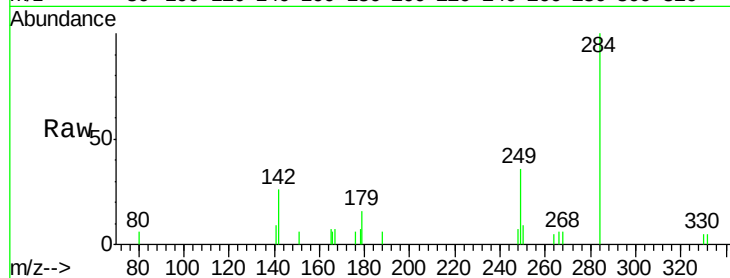
Tot Ion:284 Resp: 1111

Ion Ratio Lower Upper

284 100

142 41.9 22.1 33.1#

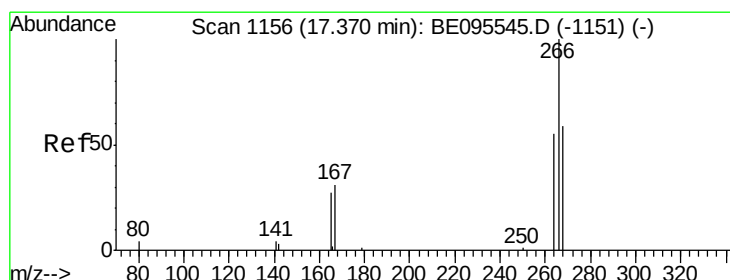
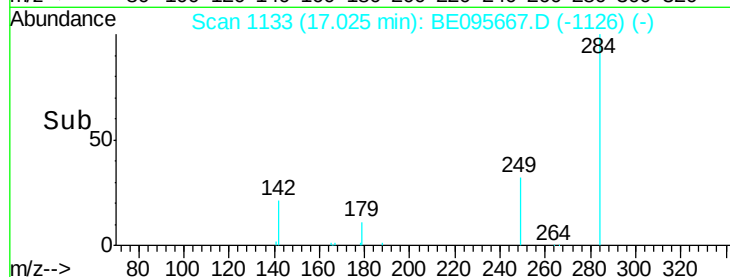
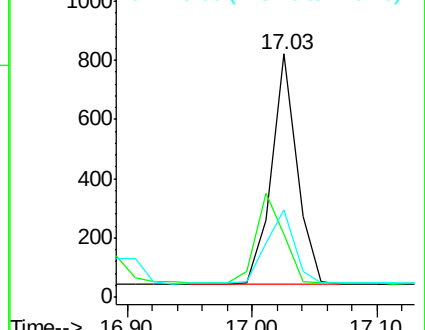
249 34.8 34.8 52.2



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: 0.67 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

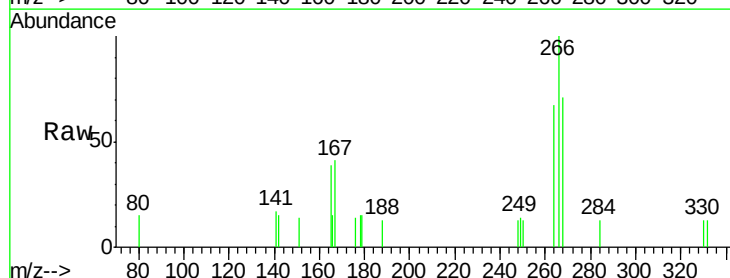
Tgt Ion:266 Resp: 654

Ion Ratio Lower Upper

266 100

264 67.1 72.5 108.7#

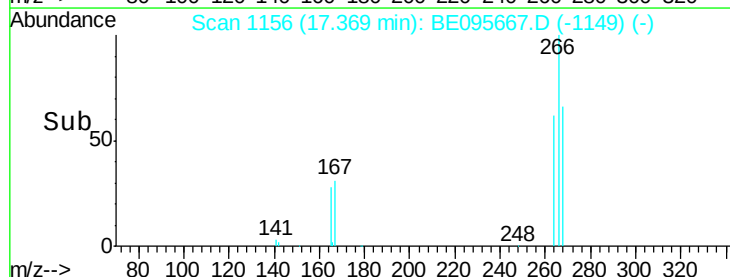
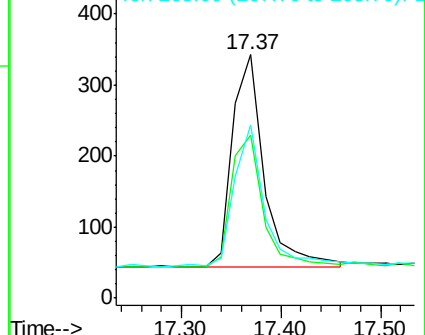
268 71.1 73.8 110.6#

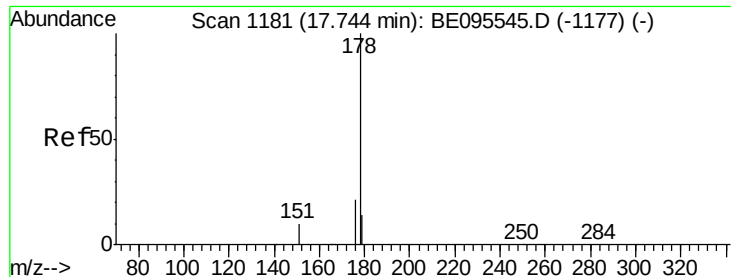


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

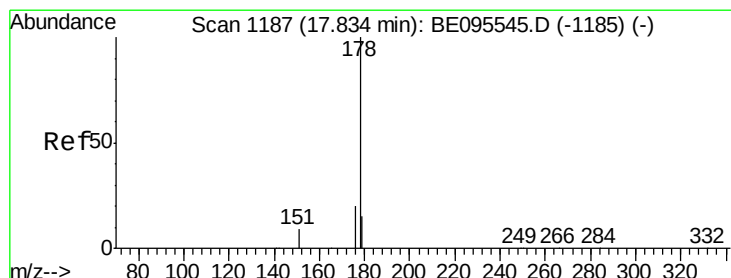
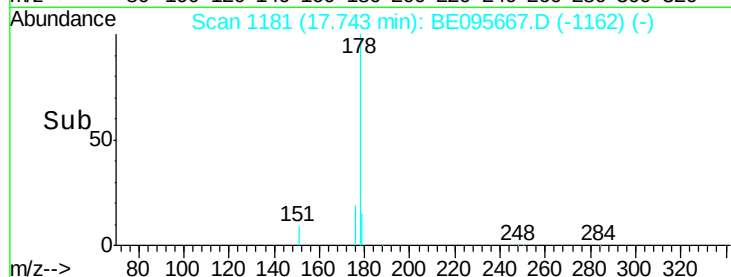
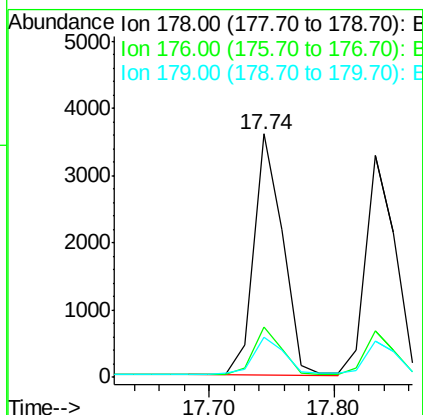
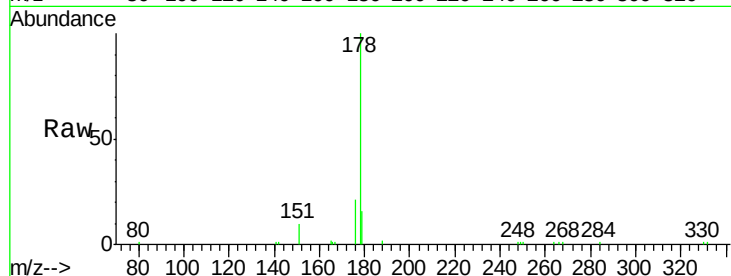




#23
Phenanthrene
Concen: 0.37 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

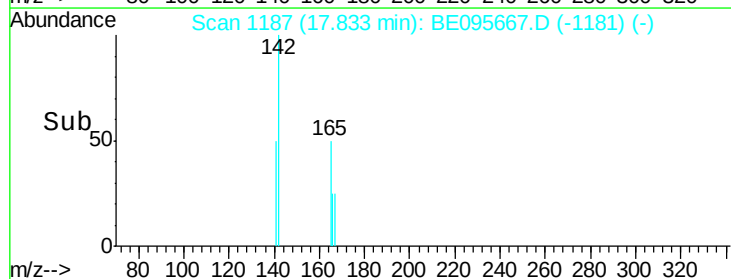
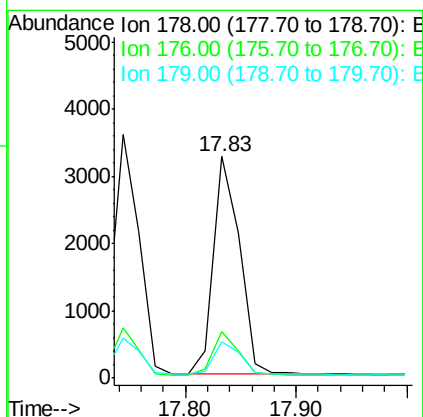
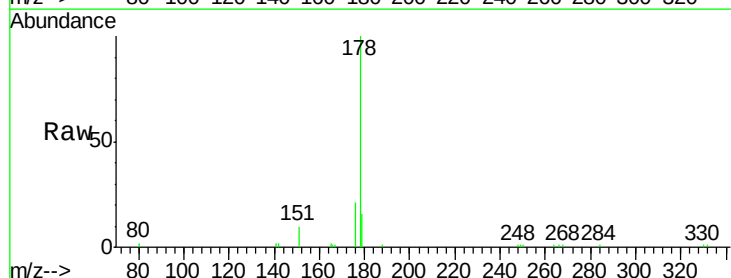
Instrument :
BNA_E
ClientSampled :

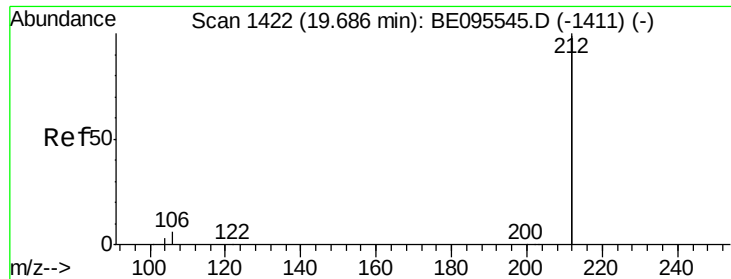
Tot Ion:178 Resp: 5726
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 11.8 17.6



#24
Anthracene
Concen: 0.36 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095667.D
Acq: 12 Feb 2018 18:32

Tgt Ion:178 Resp: 5265
Ion Ratio Lower Upper
178 100
176 19.1 12.8 19.2
179 15.6 13.0 19.6

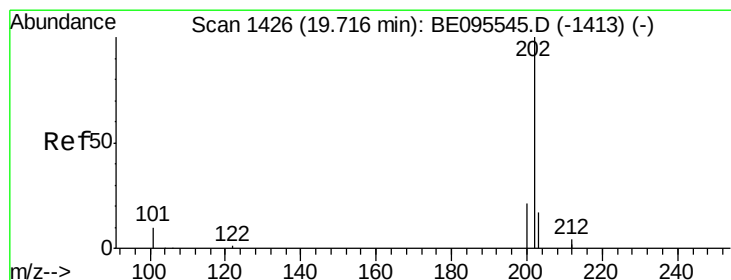
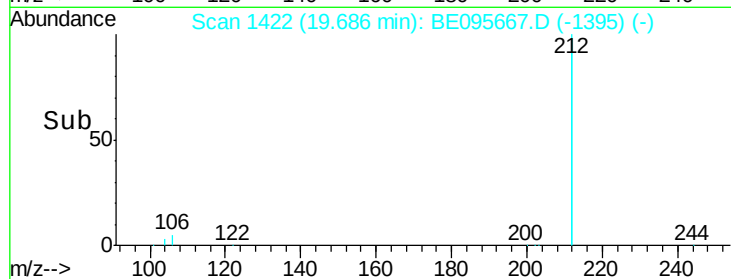
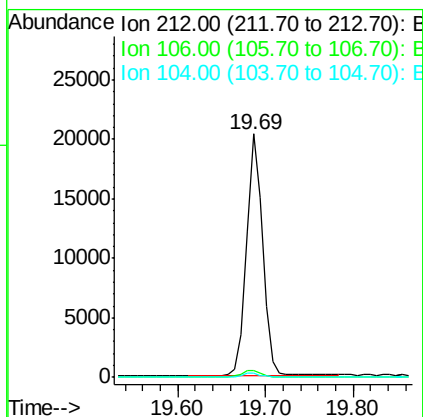
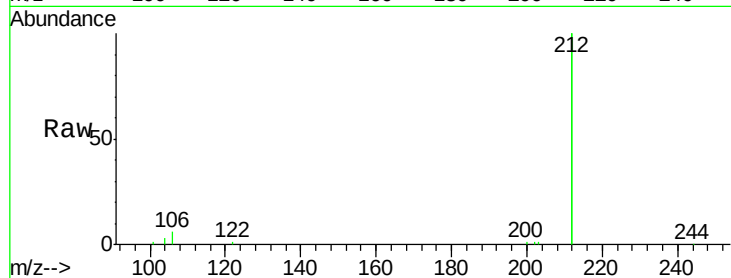




#25
 Fluoranthene-d10
 Concen: 0.39 ng
 RT: 19.69 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BE095667.D
 Acq: 12 Feb 2018 18:32

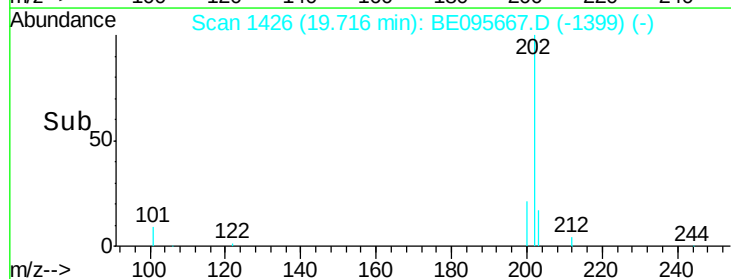
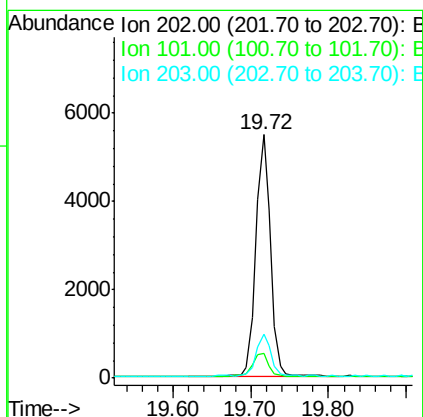
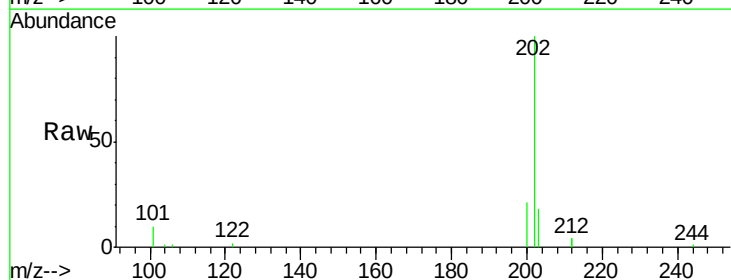
Instrument :
 BNA_E
 ClientSampleId :

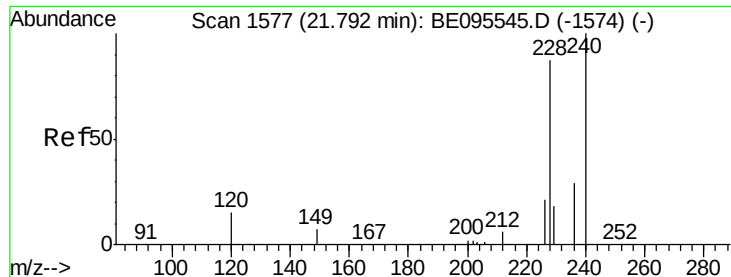
Tot Ion:212 Resp: 26116
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.8 4.2
 104 1.6 1.6 2.4#



#26
 Fluoranthene
 Concen: 0.37 ng
 RT: 19.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BE095667.D
 Acq: 12 Feb 2018 18:32

Tgt Ion:202 Resp: 7258
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.8 14.8
 203 17.0 13.7 20.5

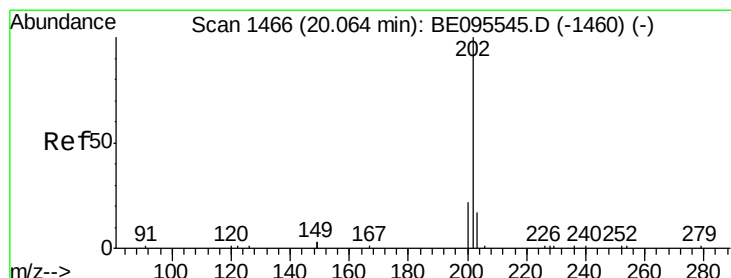
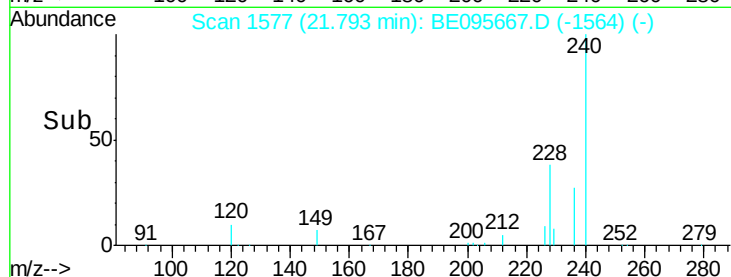
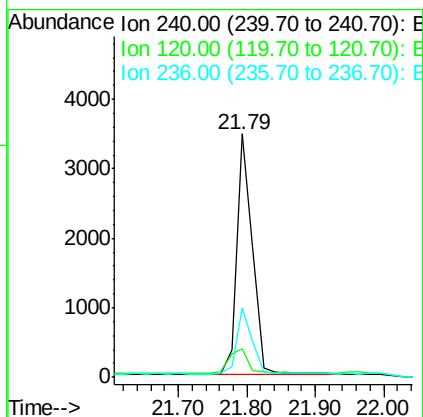
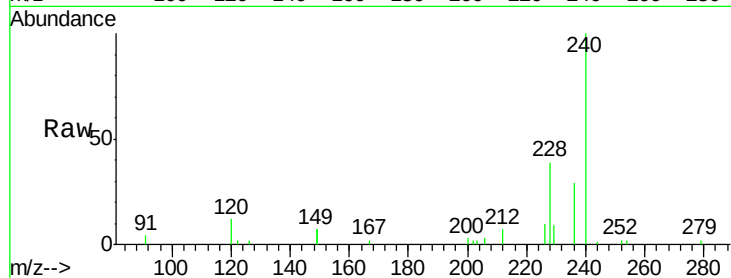




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.79 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BE095667.D
 Acq: 12 Feb 2018 18:32

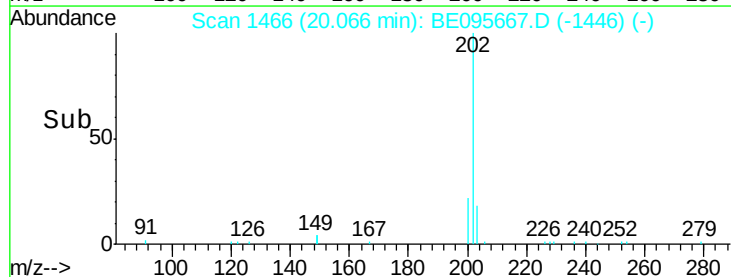
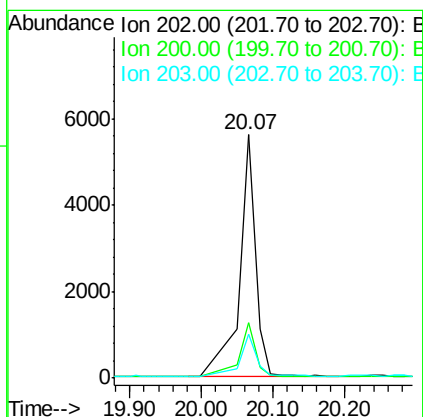
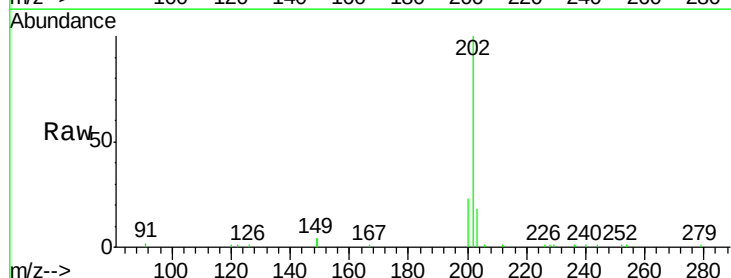
Instrument :
 BNA_E
 ClientSampleId :

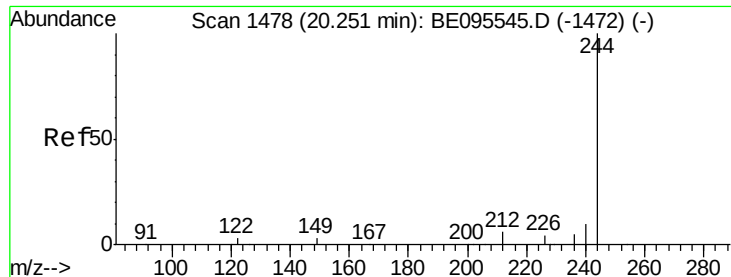
Tot Ion:240 Resp: 5446
 Ion Ratio Lower Upper
 240 100
 120 11.6 5.5 8.3#
 236 28.5 20.7 31.1



#28
 Pyrene
 Concen: 0.36 ng
 RT: 20.07 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BE095667.D
 Acq: 12 Feb 2018 18:32

Tgt Ion:202 Resp: 8149
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 25.0
 203 19.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.36 ng

RT: 20.25 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

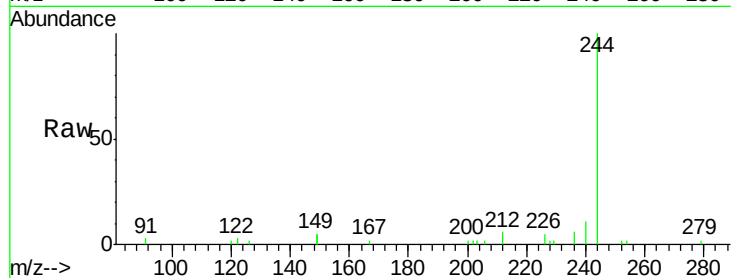
Tot Ion:244 Resp: 4166

Ion Ratio Lower Upper

244 100

212 6.3 25.4 38.0#

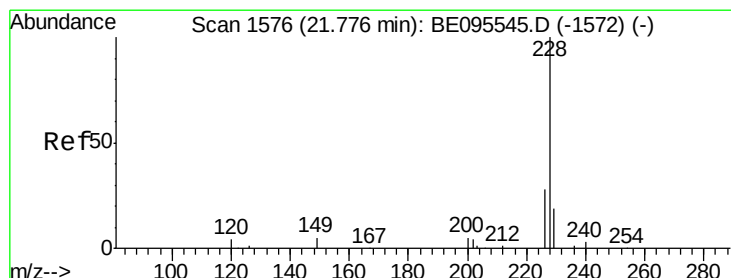
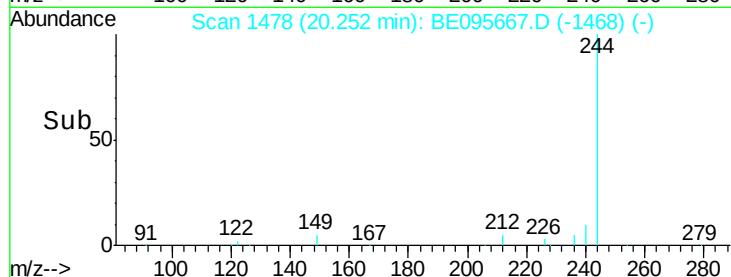
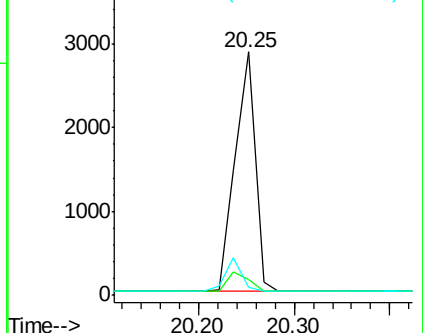
122 3.3 8.1 12.1#



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: 0.39 ng

RT: 21.78 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

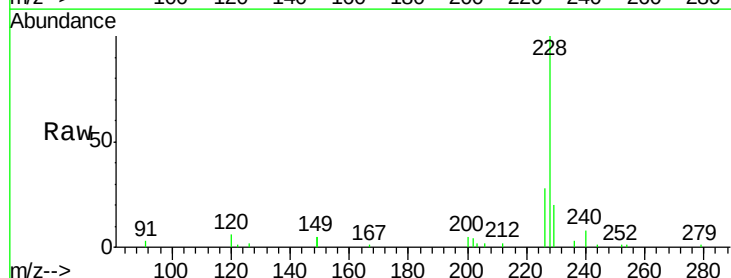
Tgt Ion:228 Resp: 7034

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

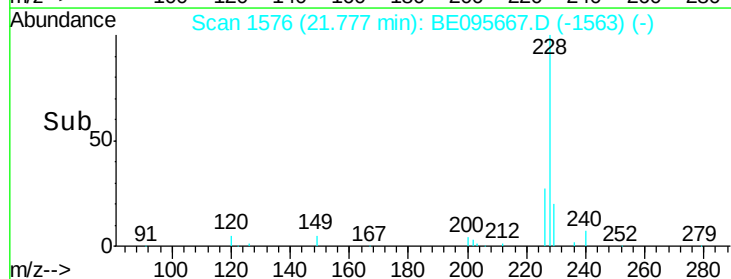
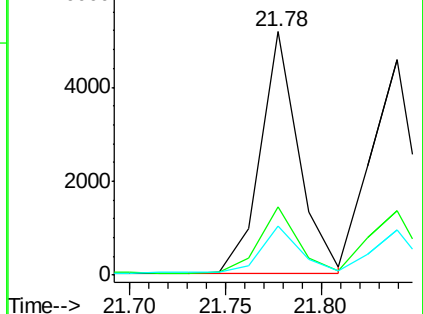
229 20.4 16.0 24.0

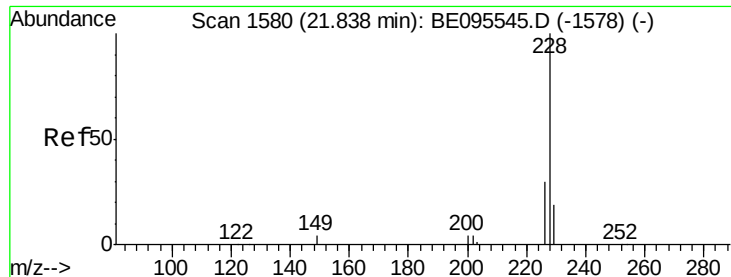


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.39 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

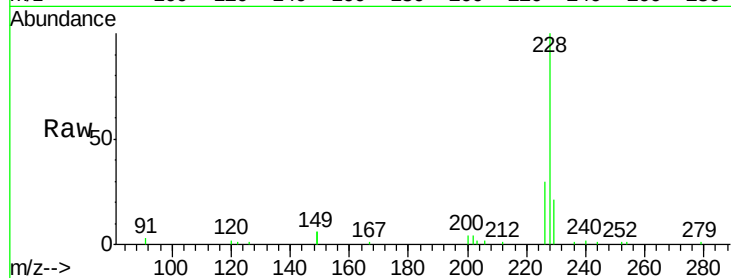
Tot Ion:228 Resp: 6899

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

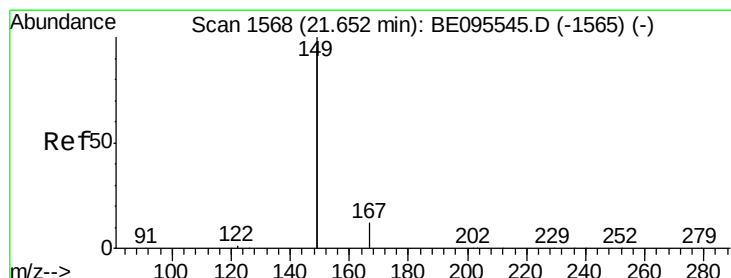
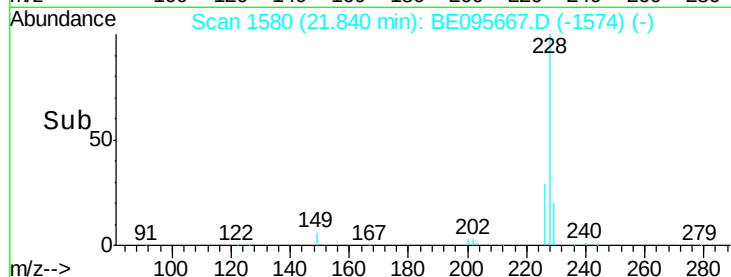
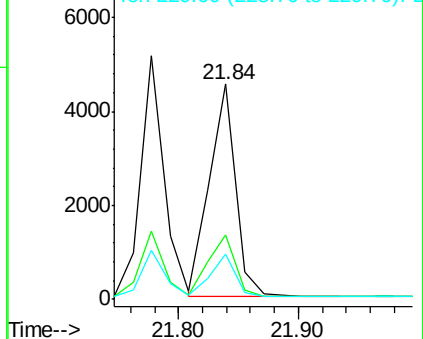
229 20.9 16.0 24.0



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: 0.33 ng

RT: 21.65 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

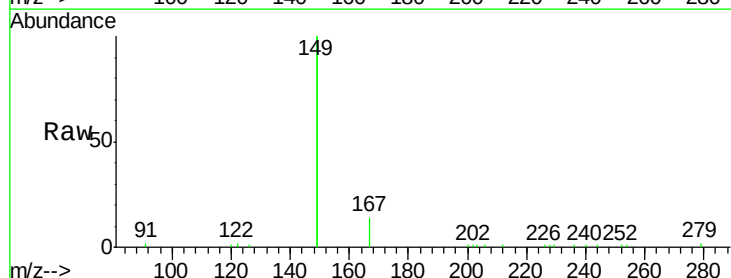
Tgt Ion:149 Resp: 13696

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

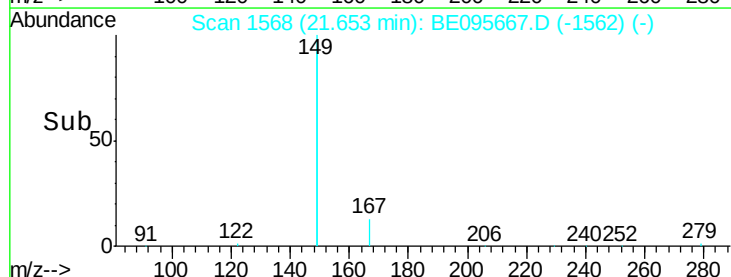
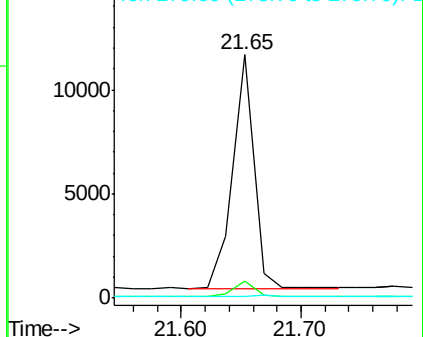
279 0.8 0.7 1.1

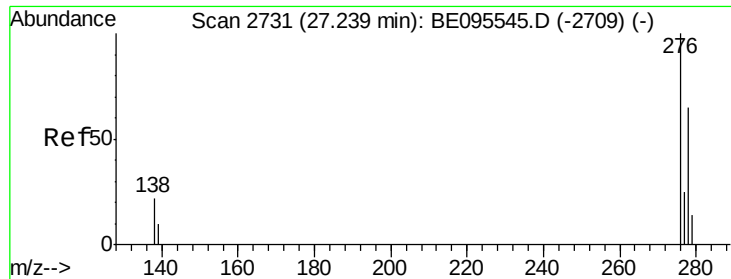


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

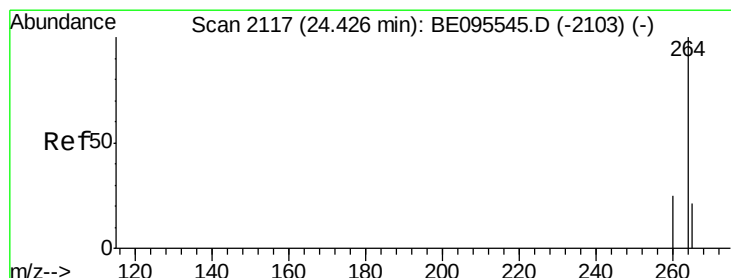
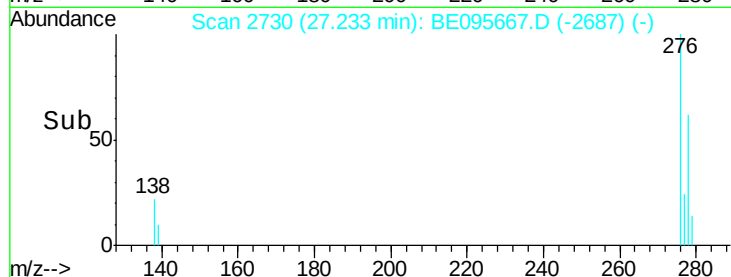
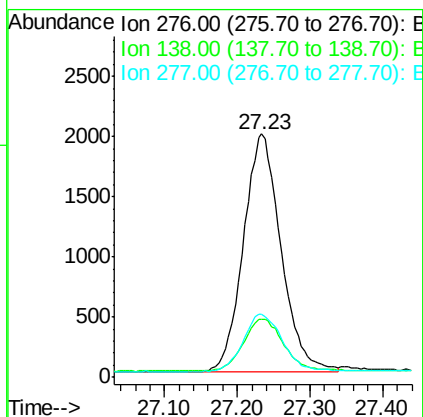
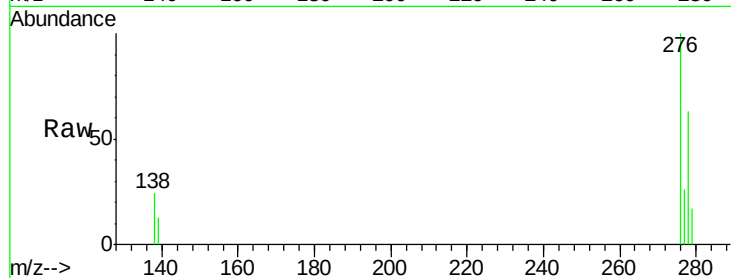




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng
 RT: 27.23 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BE095667.D
 Acq: 12 Feb 2018 18:32

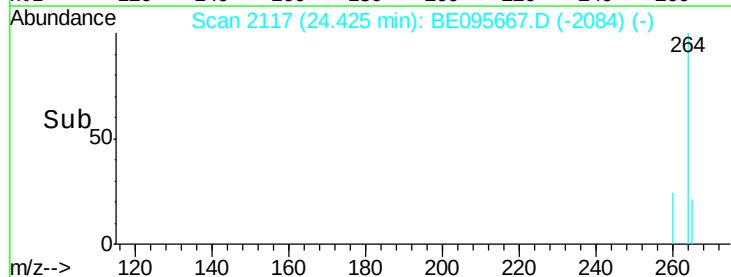
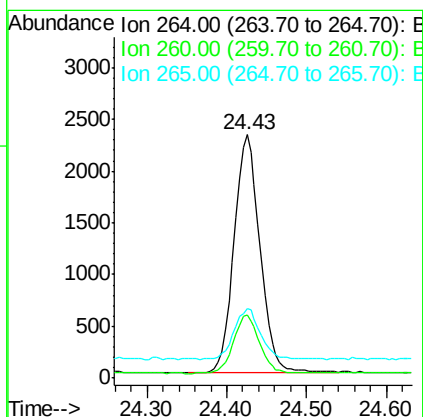
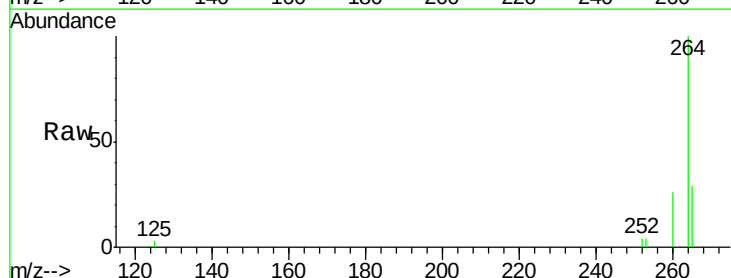
Instrument :
 BNA_E
 ClientSampleId :

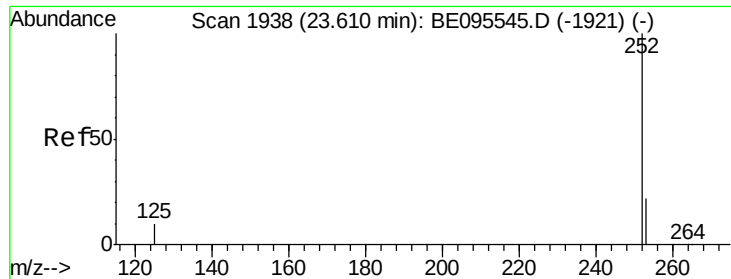
Tot Ion:276 Resp: 7081
 Ion Ratio Lower Upper
 276 100
 138 22.5 22.5 33.7
 277 25.5 19.9 29.9



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BE095667.D
 Acq: 12 Feb 2018 18:32

Tgt Ion:264 Resp: 5208
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 28.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.39 ng

RT: 23.61 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

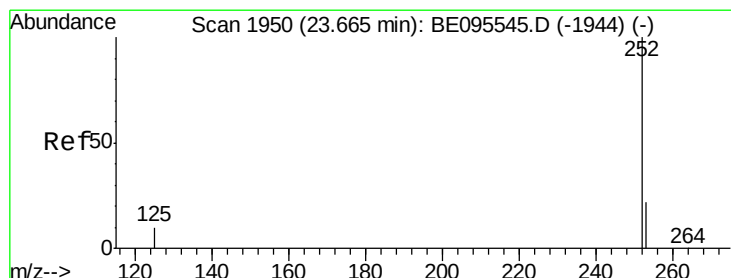
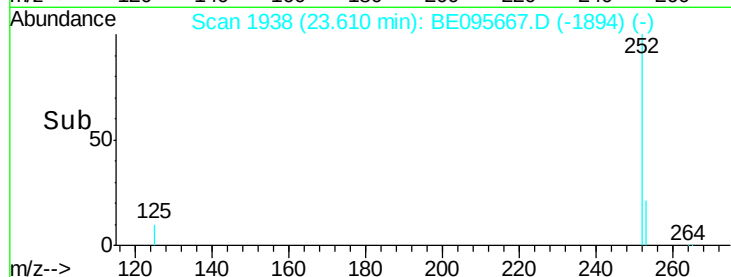
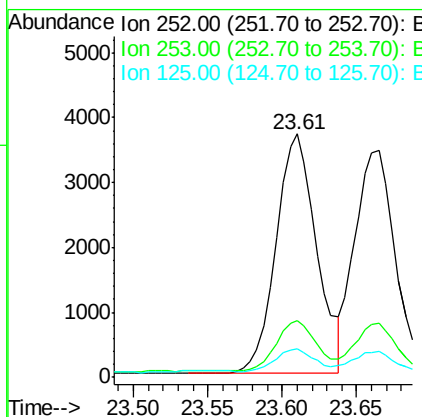
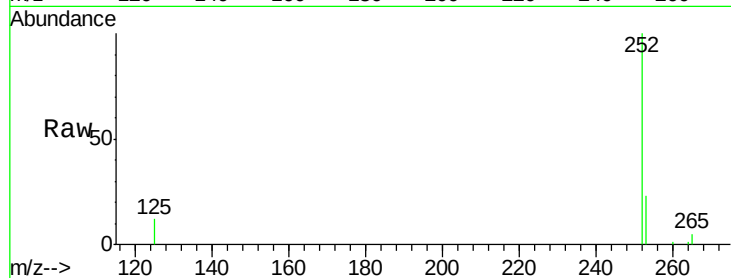
Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 6957

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.0	30.0
125	11.5	16.0	24.0#



#36

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.66 min Scan# 1950

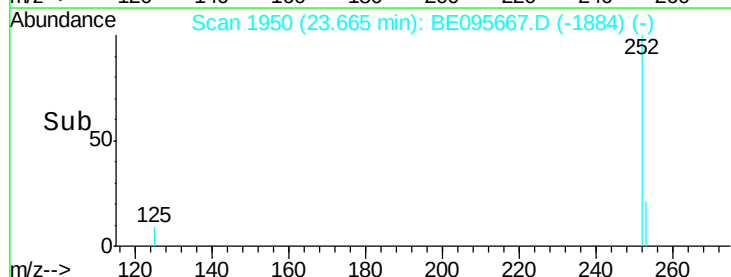
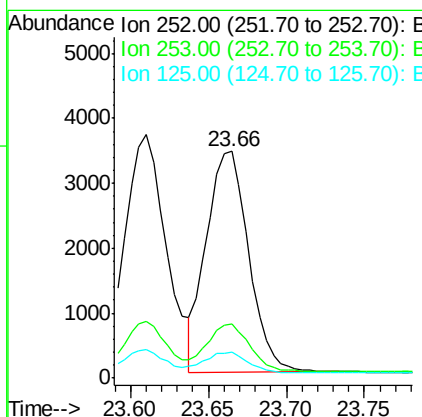
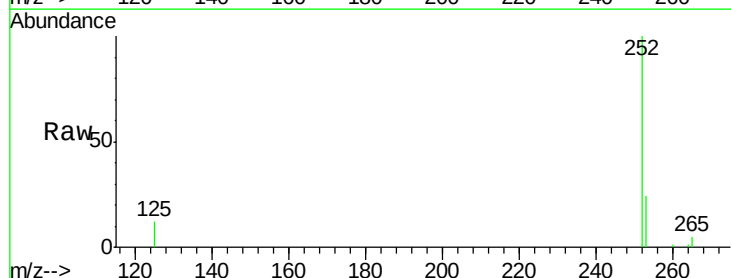
Delta R.T. -0.00 min

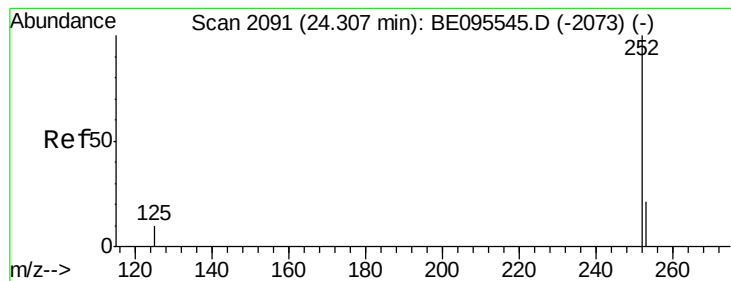
Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Tgt Ion:252 Resp: 6418

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	11.7	8.0	12.0





#37

Benzo(a)pyrene

Concen: 0.38 ng

RT: 24.31 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :

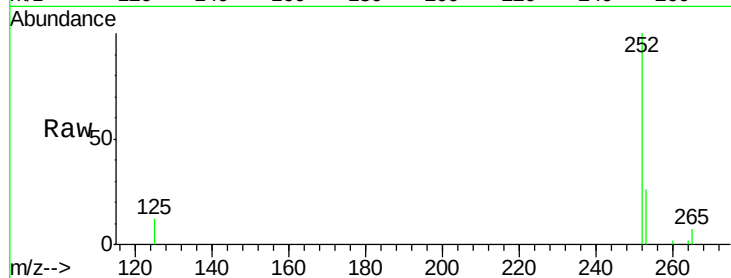
Tot Ion:252 Resp: 6233

Ion Ratio Lower Upper

252 100

253 25.7 16.0 24.0#

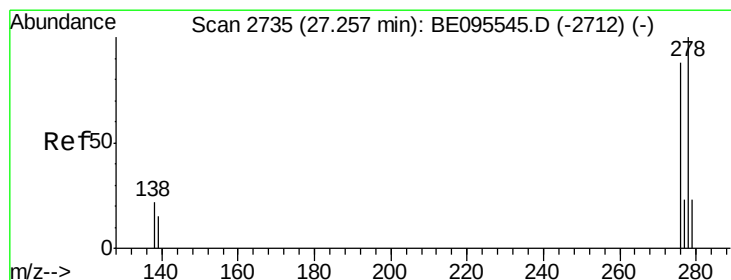
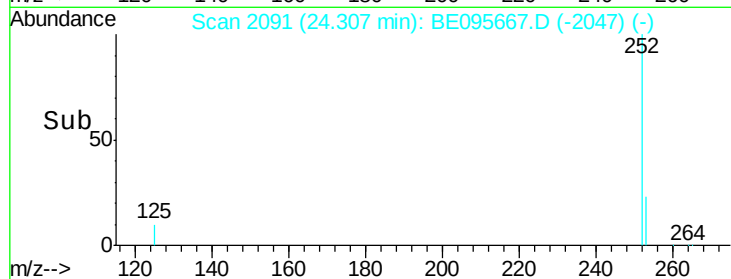
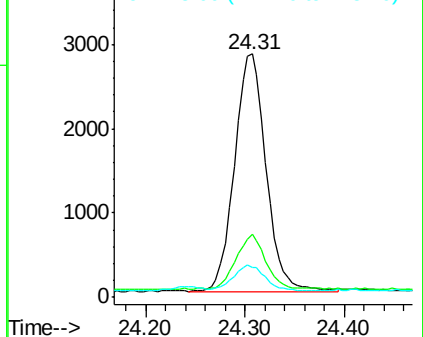
125 12.4 12.0 18.0



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: 0.40 ng

RT: 27.25 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

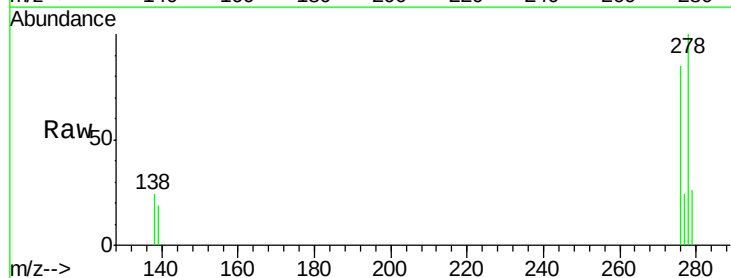
Tgt Ion:278 Resp: 5828

Ion Ratio Lower Upper

278 100

139 18.5 16.0 24.0

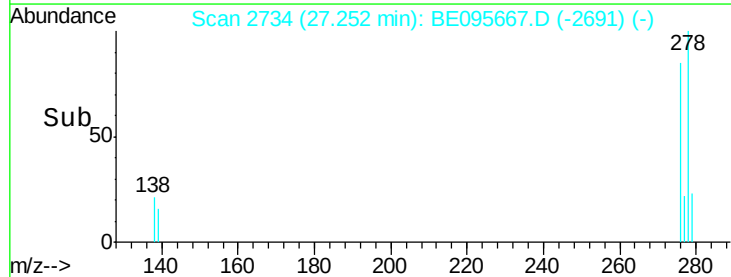
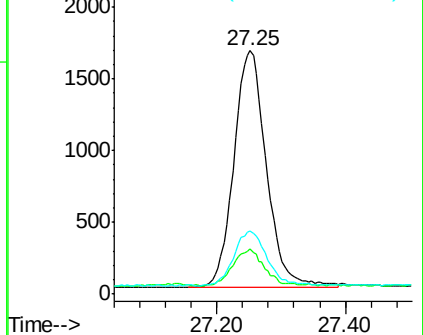
279 25.7 20.0 30.0

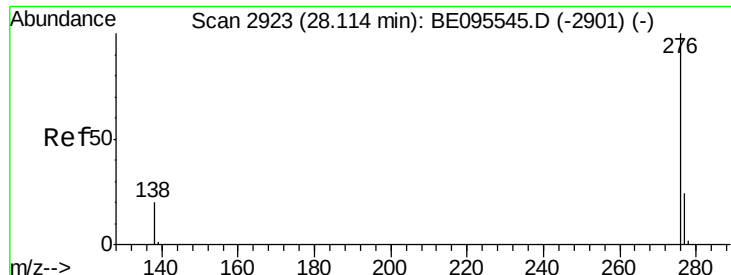


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.39 ng

RT: 28.10 min Scan# 2920

Delta R.T. -0.01 min

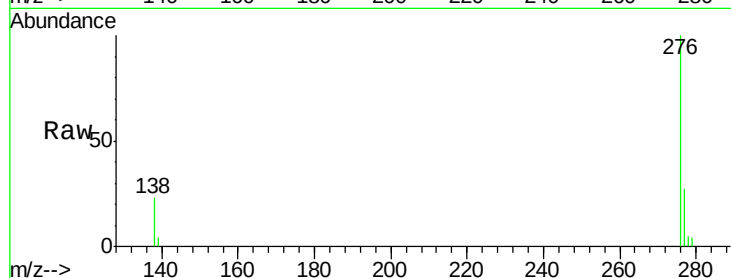
Lab File: BE095667.D

Acq: 12 Feb 2018 18:32

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	6128
Ion Ratio	Lower	Upper	
276	100		
277	26.9	16.0	24.0#
138	23.4	20.0	30.0

