

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095548.D
 Acq On : 7 Feb 2018 11:24
 Operator : SJ/JU
 Sample : J1196-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 1050

Quant Time: Feb 08 01:38:18 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	8.44	152	1245	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4753	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2764	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6474	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6858	0.40	ng	0.00
34) Perylene-d12	24.43	264	6435	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	535	0.14	ng	0.00
5) Phenol-d6	7.55	99	893	0.17	ng	-0.01
8) Nitrobenzene-d5	9.61	82	1038	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	1558	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	166	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	2697	0.23	ng	0.00
25) Fluoranthene-d10	19.69	212	19441	0.23	ng	0.00
29) Terphenyl-d14	20.25	244	3774	0.26	ng	0.00

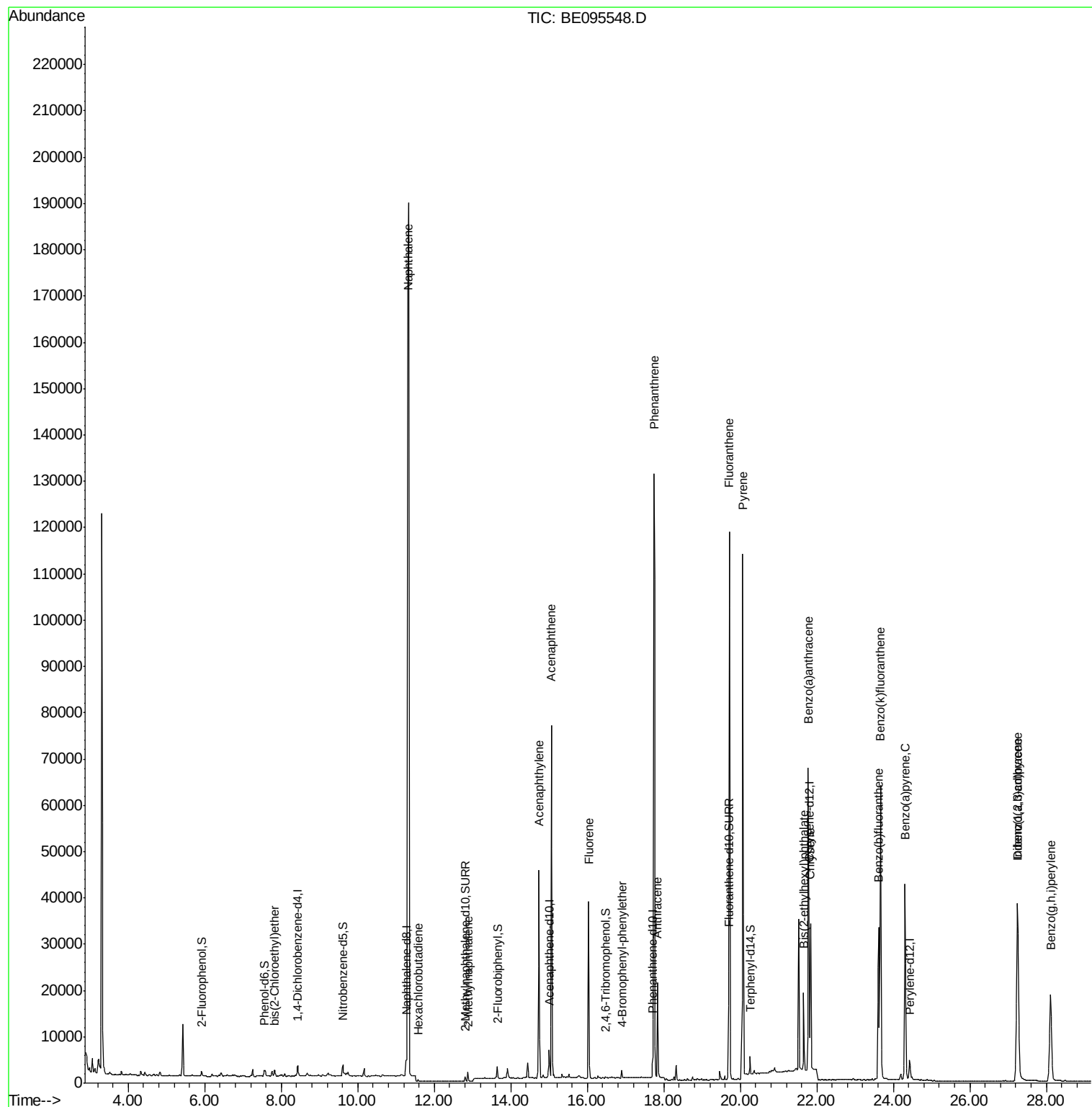
Target Compounds				Qvalue		
6) bis(2-Chloroethyl)ether	7.83	93	449	0.094	ng	# 96
9) Naphthalene	11.33	128	371465	6.729	ng	99
10) Hexachlorobutadiene	11.58	225	206	0.069	ng	# 88
12) 2-Methylnaphthalene	12.88	142	1361	0.145	ng	94
16) Acenaphthylene	14.74	152	50118	3.179	ng	99
17) Acenaphthene	15.06	154	40298	4.112	ng	95
18) Fluorene	16.04	166	33780	2.743	ng	# 78
20) 4-Bromophenyl-phenylether	16.91	248	1065	0.274	ng	# 70
23) Phenanthrene	17.74	178	160689	8.083	ng	98
24) Anthracene	17.83	178	24683	1.329	ng	95
26) Fluoranthene	19.71	202	107076	4.269	ng	# 97
28) Pyrene	20.06	202	124097	4.310	ng	98
30) Benzo(a)anthracene	21.78	228	61683	2.699	ng	98
31) Chrysene	21.84	228	27471	1.219	ng	100
32) Bis(2-ethylhexyl)phthalate	21.65	149	19534	0.371	ng	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	44297	2.036	ng	97
35) Benzo(b)fluoranthene	23.61	252	47959	2.186	ng	# 87
36) Benzo(k)fluoranthene	23.67	252	95198	4.222	ng	97
37) Benzo(a)pyrene	24.31	252	68136	3.337	ng	# 93
38) Dibenzo(a,h)anthracene	27.25	278	57235	3.202	ng	# 94
39) Benzo(g,h,i)perylene	28.11	276	48550	2.530	ng	# 91

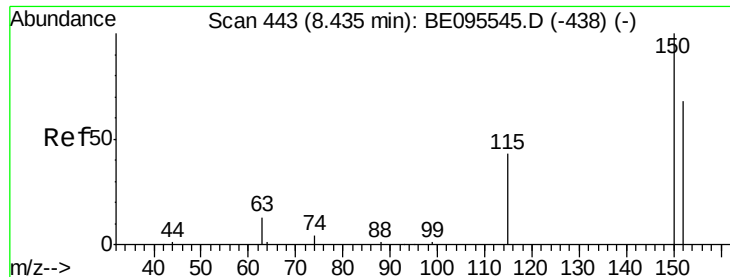
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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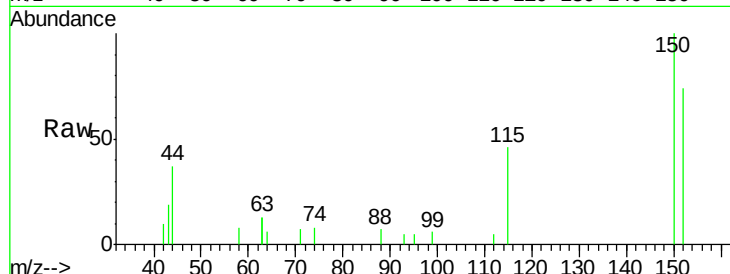


#1

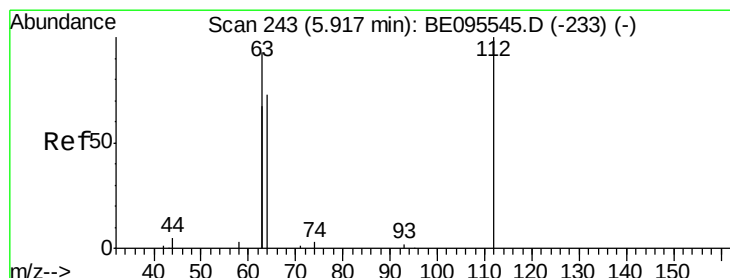
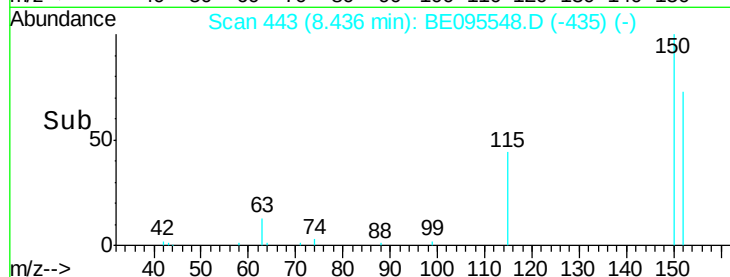
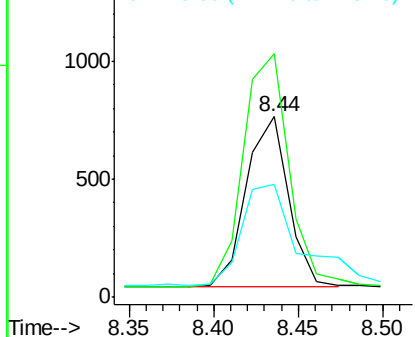
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.44 min Scan# 443
Delta R.T. 0.00 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

Instrument :
BNA_E
ClientSampleId :
1050

Tot Ion:152 Resp: 1245
Ion Ratio Lower Upper
152 100
150 134.6 117.2 175.8
115 62.4 57.0 85.6



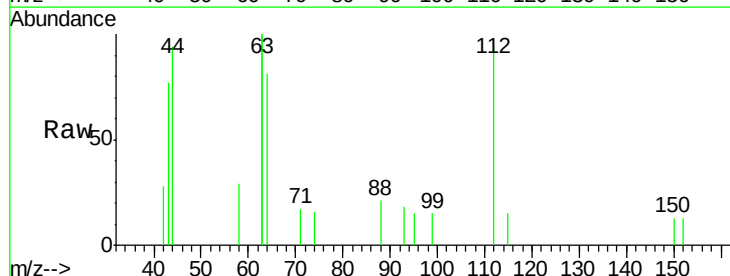
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



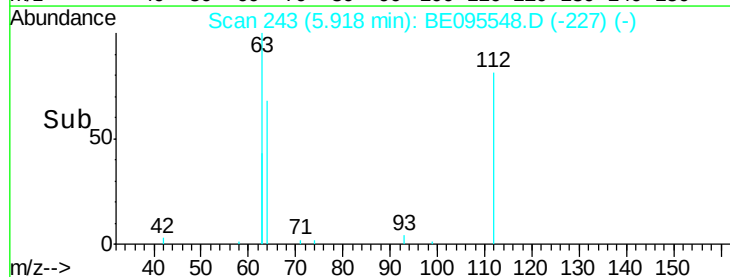
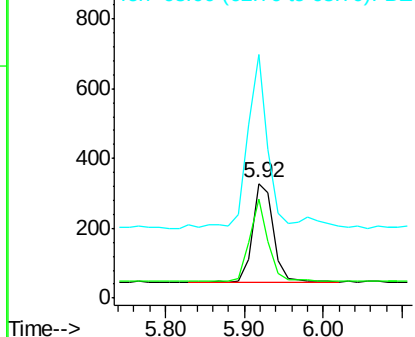
#4

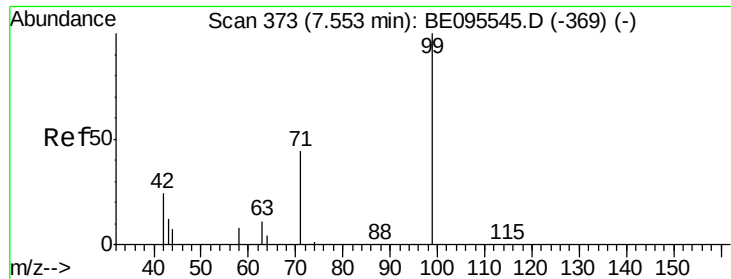
2-Fluorophenol
Concen: 0.142 ng
RT: 5.92 min Scan# 243
Delta R.T. 0.00 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

Tgt Ion:112 Resp: 535
Ion Ratio Lower Upper
112 100
64 73.1 60.1 90.1
63 169.3 116.8 175.2



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: 0.172 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampled :

1050

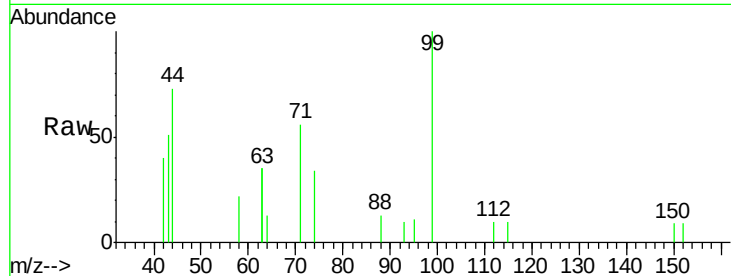
Tot Ion: 99 Resp: 893

Ion Ratio Lower Upper

99 100

42 30.6 20.2 30.2#

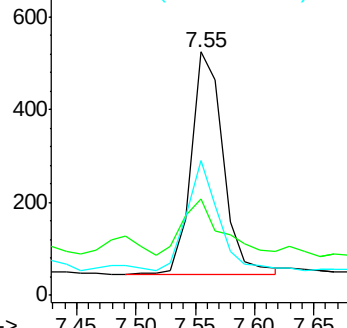
71 49.4 28.4 42.6#



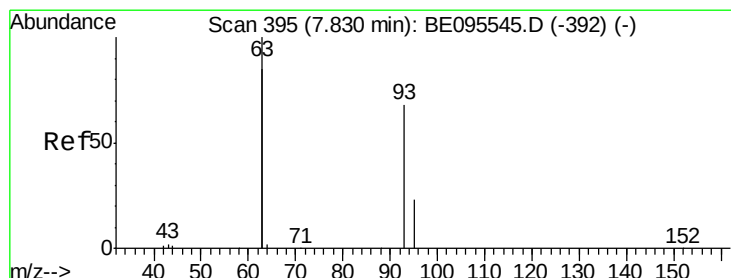
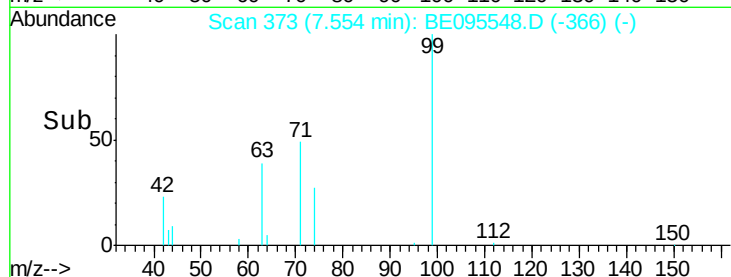
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.094 ng

RT: 7.83 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

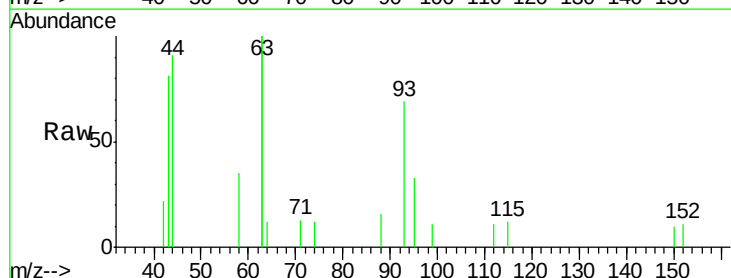
Tgt Ion: 93 Resp: 449

Ion Ratio Lower Upper

93 100

63 338.1 275.3 412.9

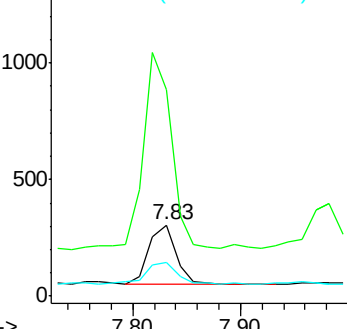
95 43.0 25.2 37.8#



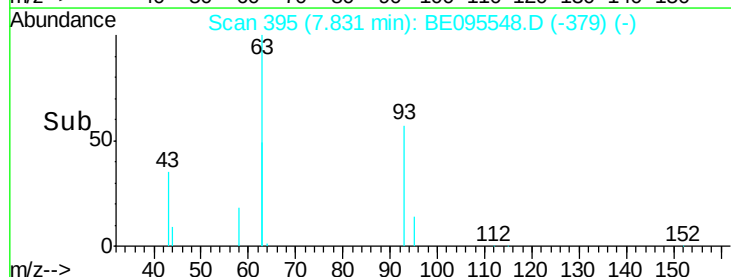
Abundance Ion 93.00 (92.70 to 93.70): BE0

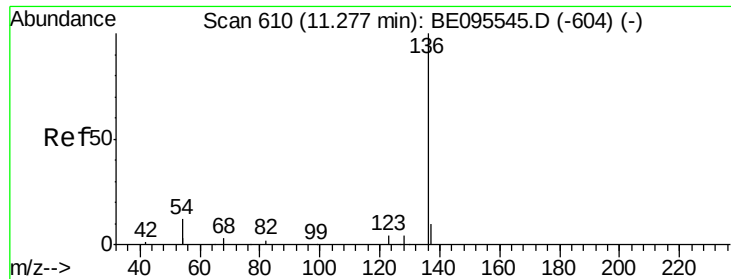
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

Tot Ion:136 Resp: 4753

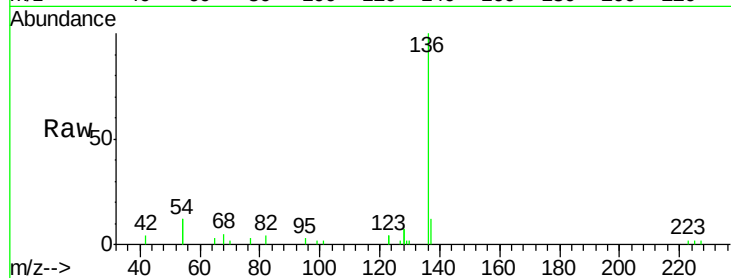
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 23.4 29.1 43.7#

68 5.4 6.2 9.2#

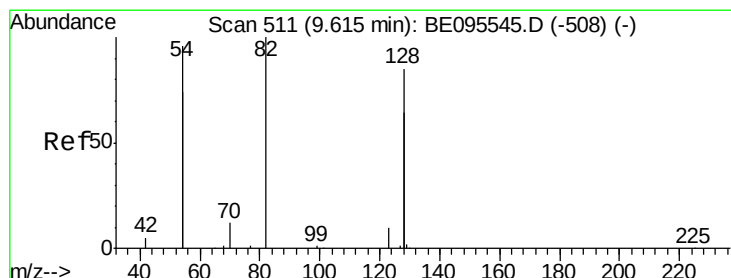
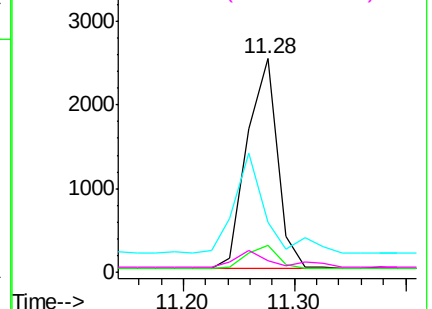
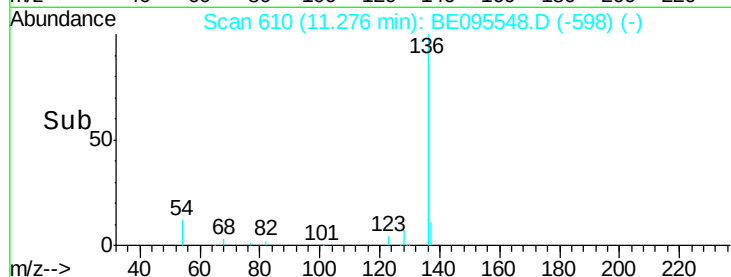


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.206 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

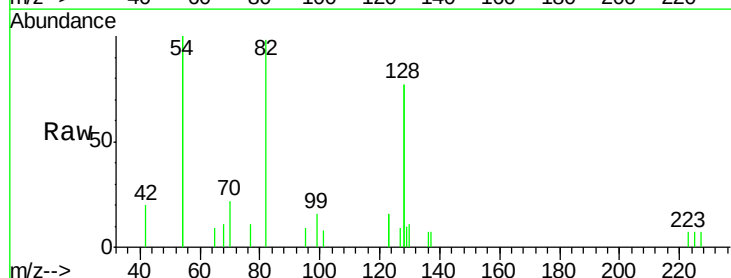
Tgt Ion: 82 Resp: 1038

Ion Ratio Lower Upper

82 100

128 155.9 150.0 225.0

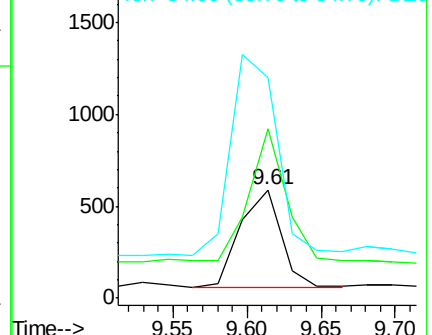
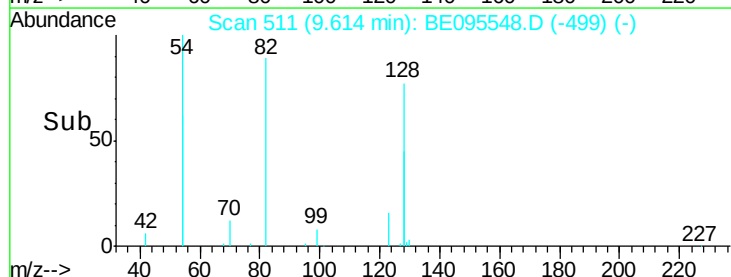
54 203.1 154.2 231.4

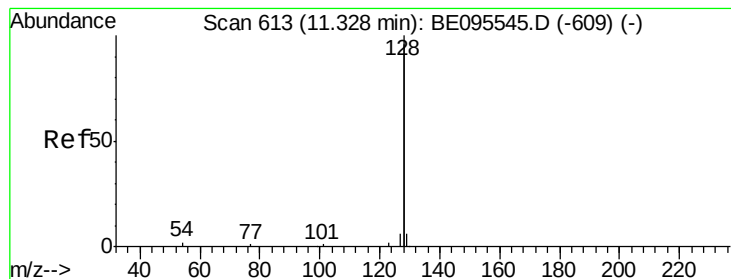


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 6.729 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

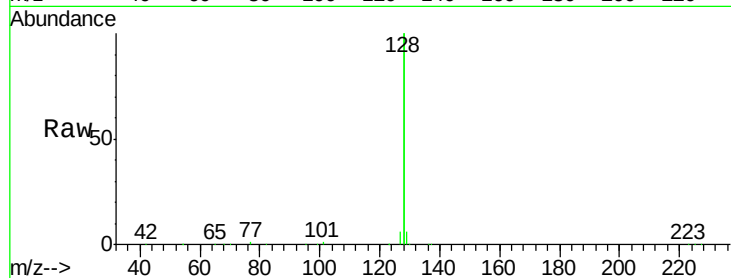
Tot Ion:128 Resp: 371465

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

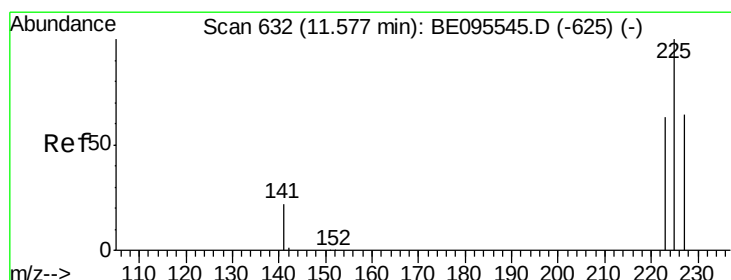
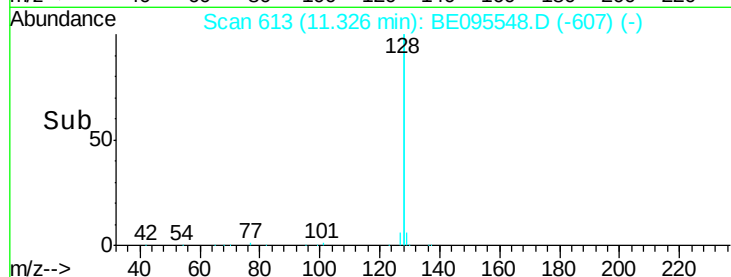
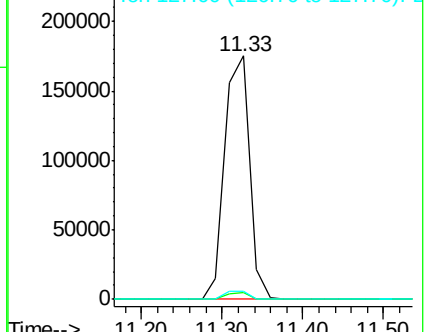
127 3.1 2.8 4.2



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: 0.069 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

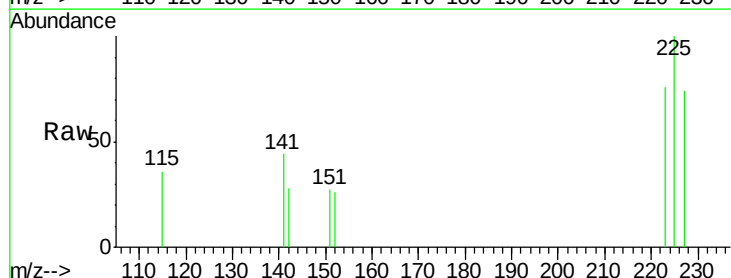
Tgt Ion:225 Resp: 206

Ion Ratio Lower Upper

225 100

223 68.0 53.0 79.6

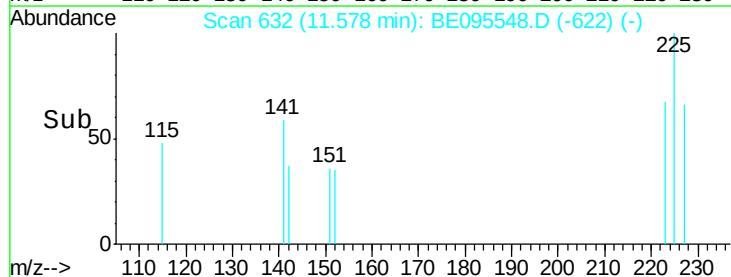
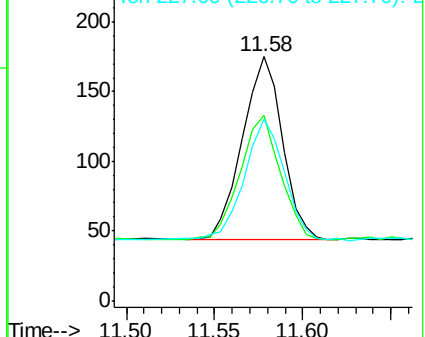
227 81.1 51.4 77.2#

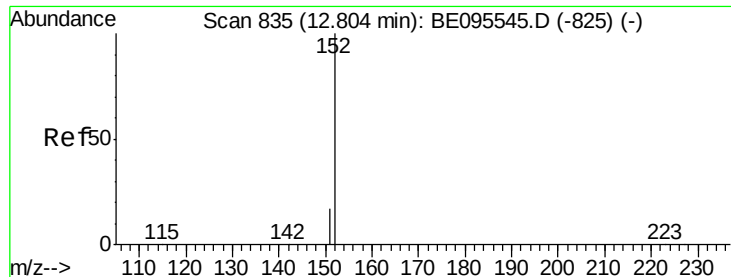


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.198 ng

RT: 12.80 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampled :

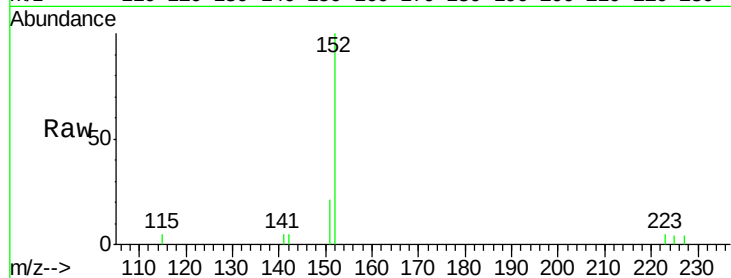
1050

Tot Ion:152 Resp: 1558

Ion Ratio Lower Upper

152 100

151 20.0 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

1000

800

600

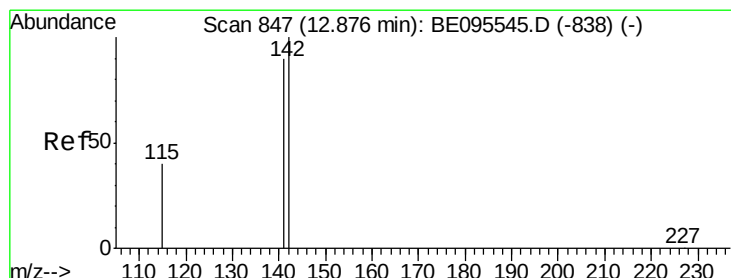
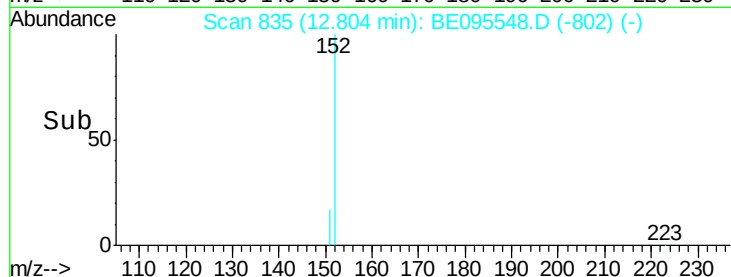
400

200

0

Time-->

12.75 12.80 12.85



#12

2-Methylnaphthalene

Concen: 0.145 ng

RT: 12.88 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

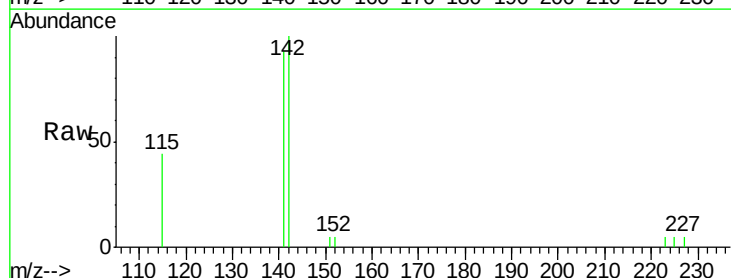
Tgt Ion:142 Resp: 1361

Ion Ratio Lower Upper

142 100

141 92.7 70.4 105.6

115 43.8 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

12.88

1200

1000

800

600

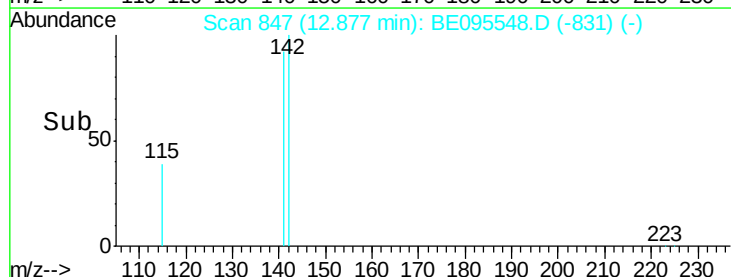
400

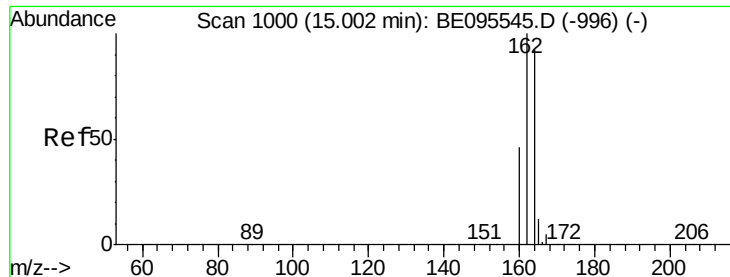
200

0

Time-->

12.80 12.90

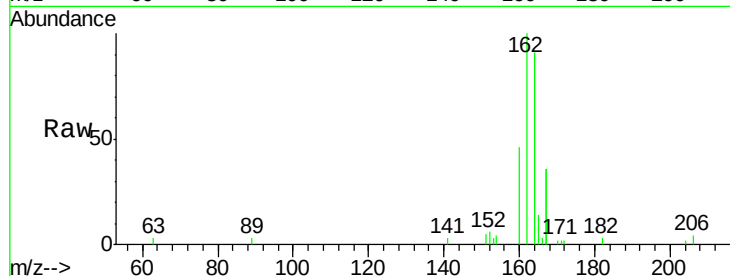




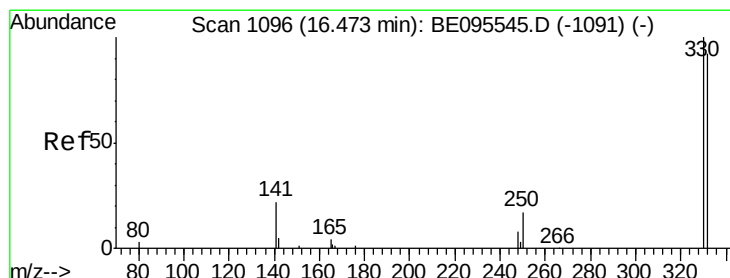
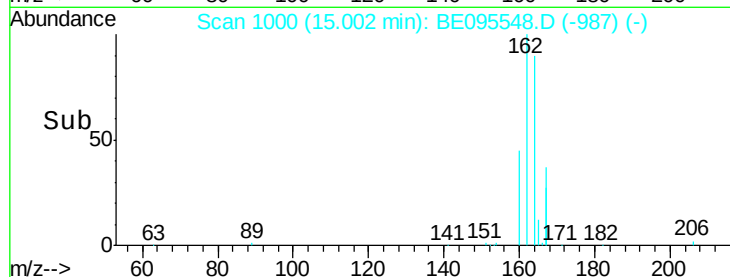
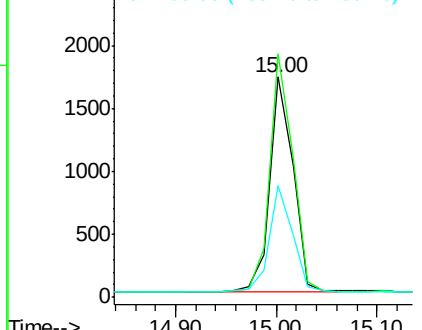
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095548.D
 Acq: 7 Feb 2018 11:24

Instrument :
 BNA_E
 ClientSampleId :
 1050

Tot Ion:164 Resp: 2764
 Ion Ratio Lower Upper
 164 100
 162 110.4 83.1 124.7
 160 51.0 37.1 55.7

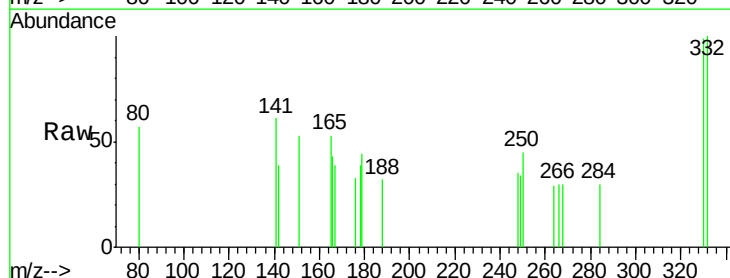


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

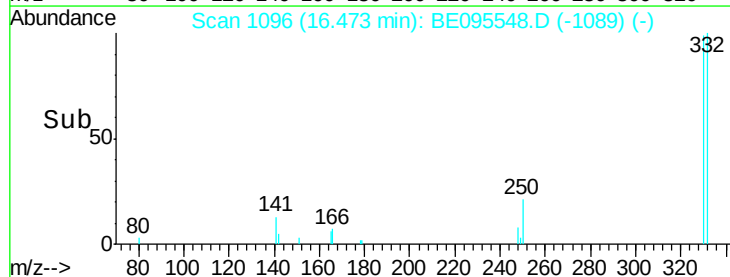
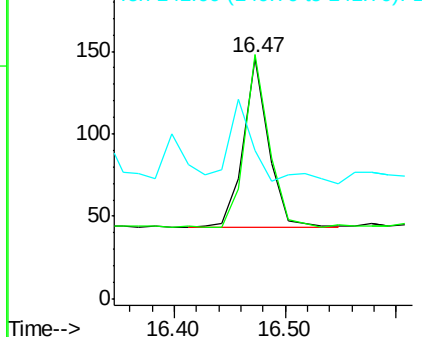


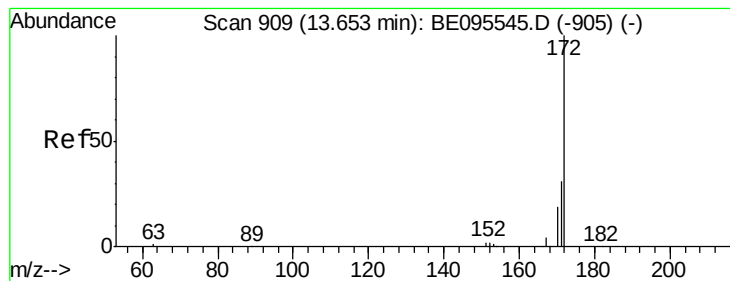
#14
 2,4,6-Tribromophenol
 Concen: 0.132 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE095548.D
 Acq: 7 Feb 2018 11:24

Tgt Ion:330 Resp: 166
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 32.5 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: 0.226 ng

RT: 13.65 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

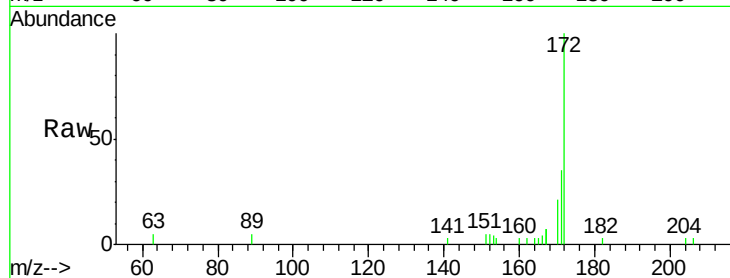
Tot Ion:172 Resp: 2697

Ion Ratio Lower Upper

172 100

171 35.1 29.9 44.9

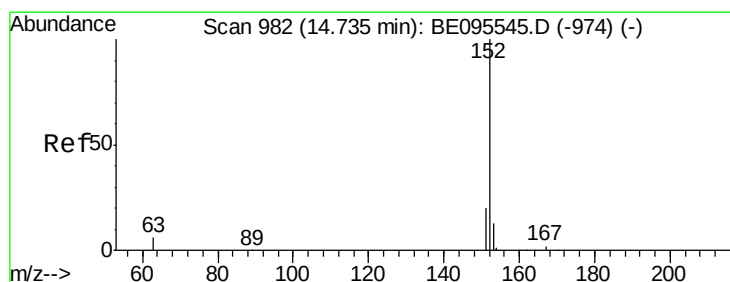
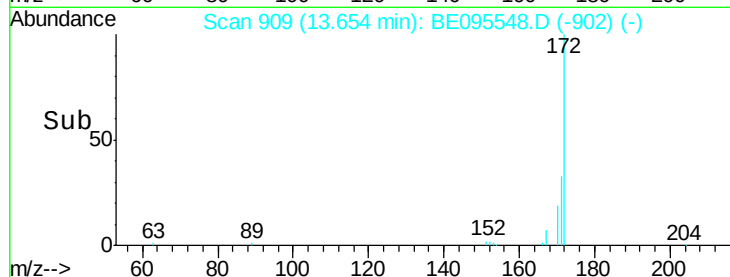
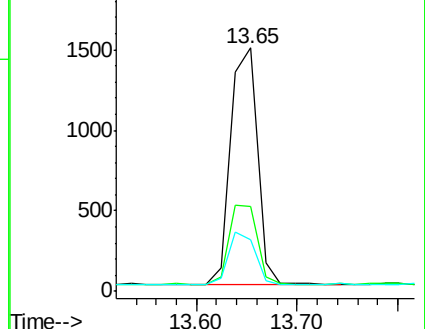
170 21.0 21.8 32.8#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 3.179 ng

RT: 14.74 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

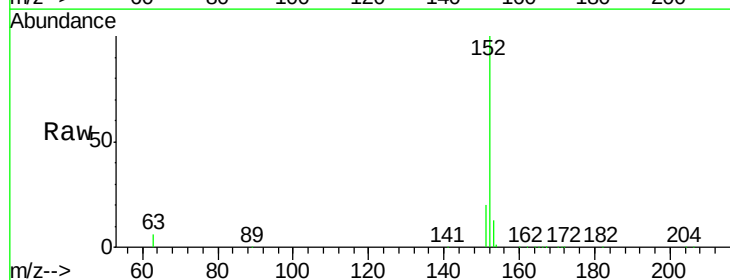
Tgt Ion:152 Resp: 50118

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

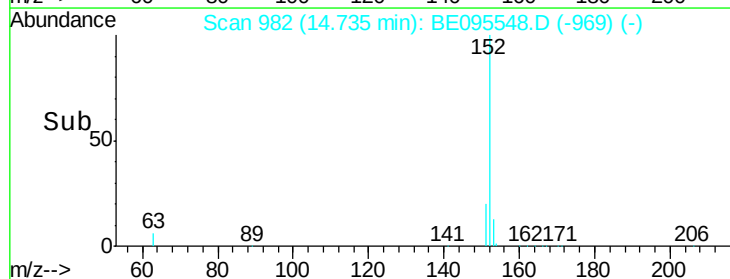
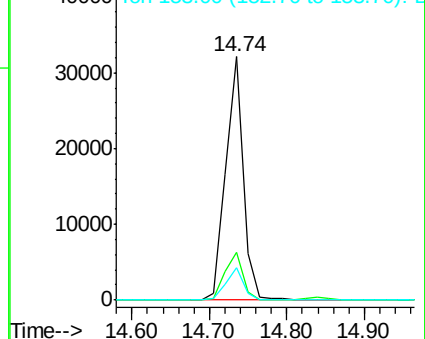
153 12.9 10.5 15.7

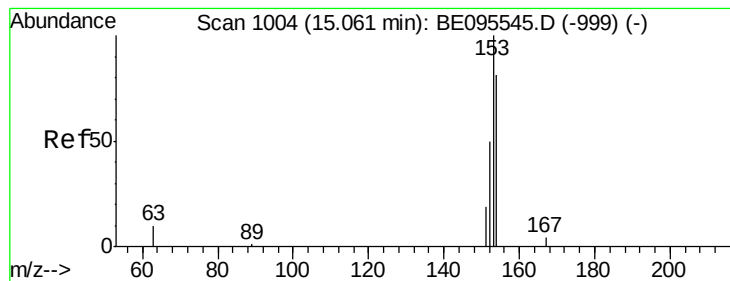


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 4.112 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

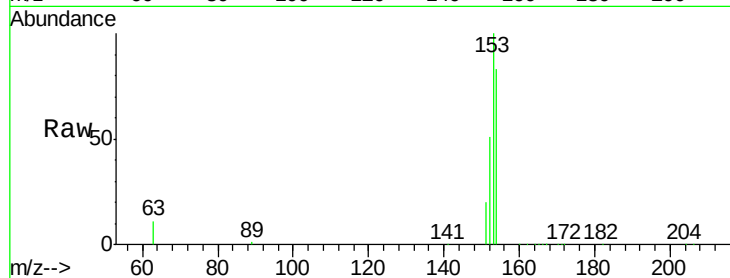
Tot Ion:154 Resp: 40298

Ion Ratio Lower Upper

154 100

153 116.7 89.2 133.8

152 56.7 42.0 63.0

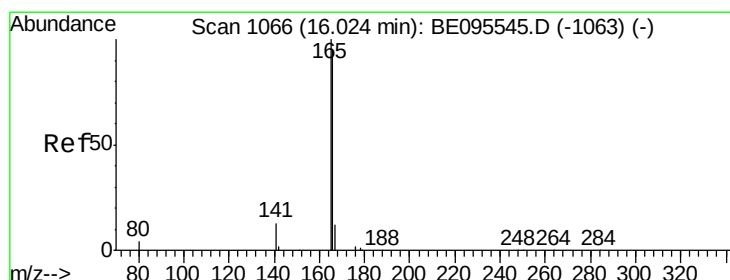
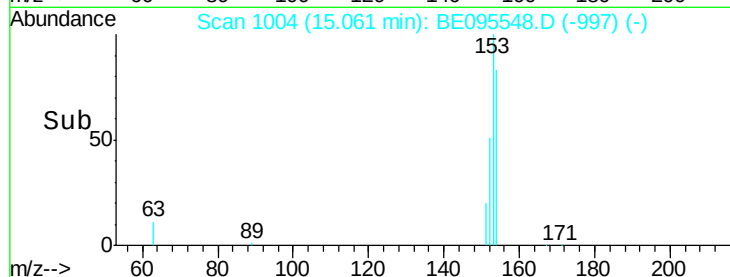
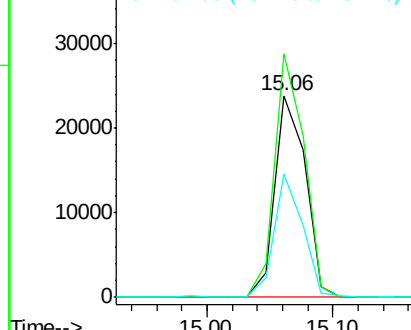


Abundance

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: 2.743 ng

RT: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

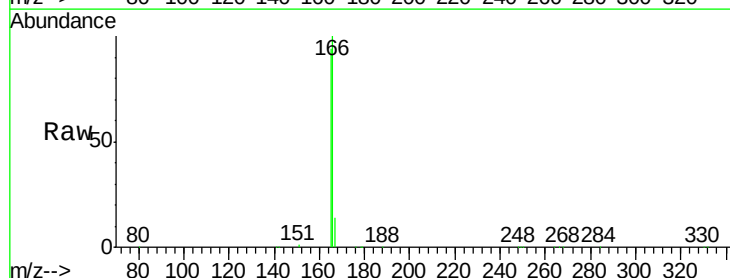
Tgt Ion:166 Resp: 33780

Ion Ratio Lower Upper

166 100

165 101.0 77.8 116.6

167 13.4 42.4 63.6#

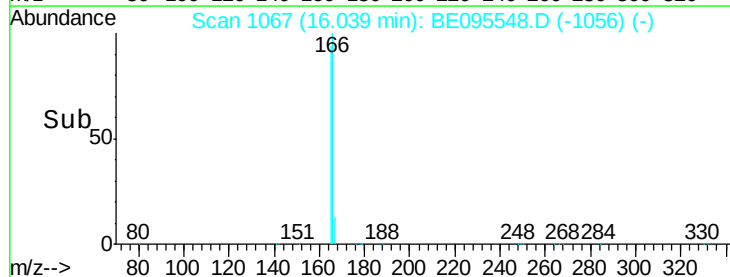
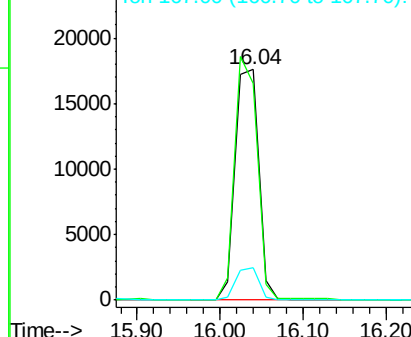


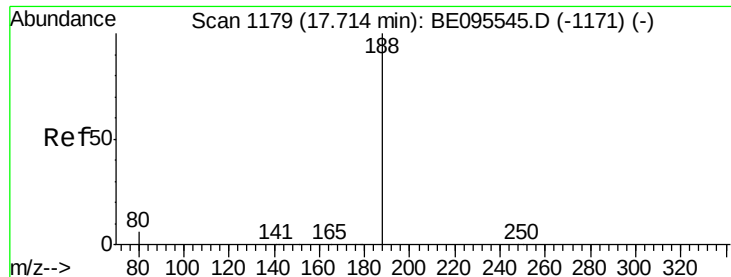
Abundance

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: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampled :

1050

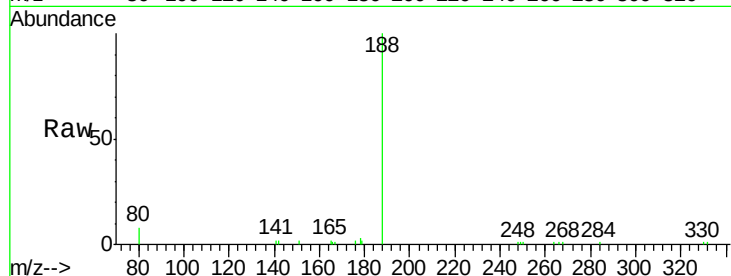
Tot Ion:188 Resp: 6474

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

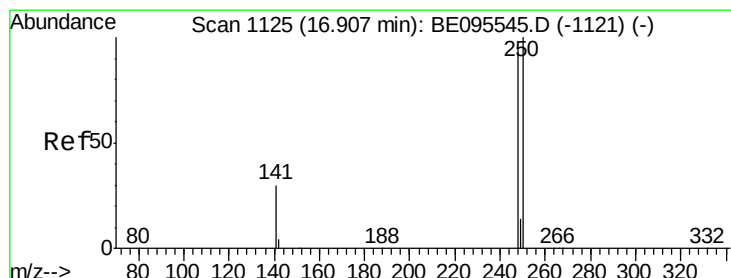
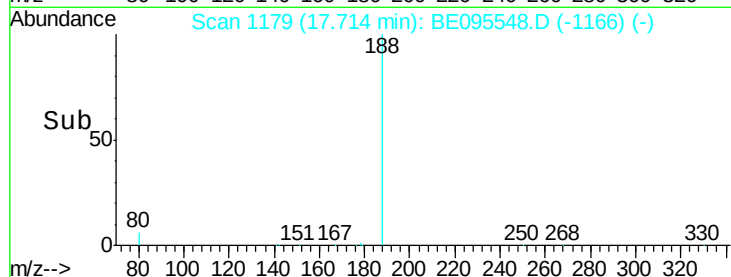
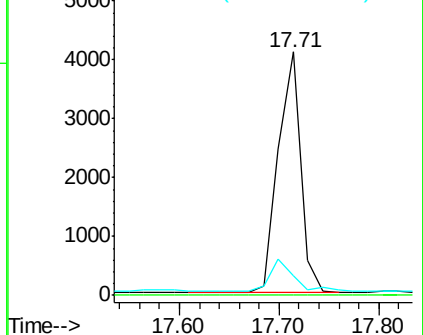
80 7.8 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): E

Ion 80.00 (79.70 to 80.70): E



#20

4-Bromophenyl-phenylether

Concen: 0.274 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

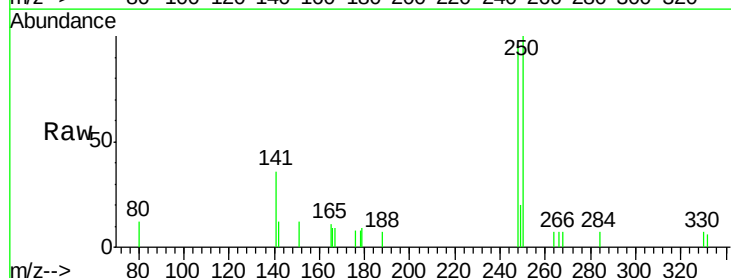
Tgt Ion:248 Resp: 1065

Ion Ratio Lower Upper

248 100

250 104.4 62.7 94.1#

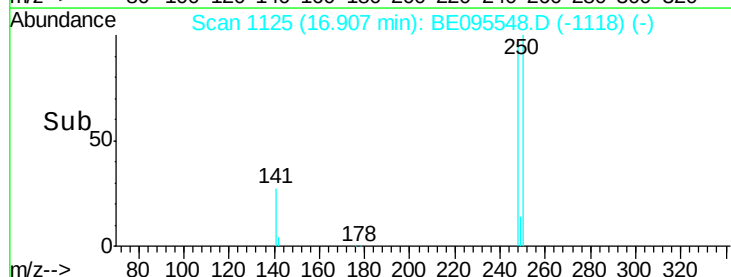
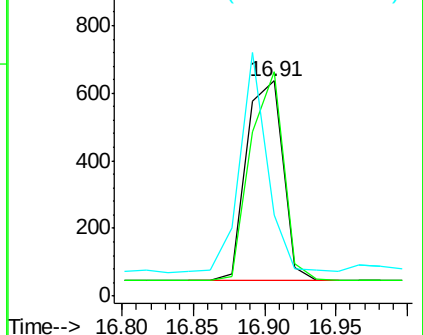
141 37.4 48.2 72.2#

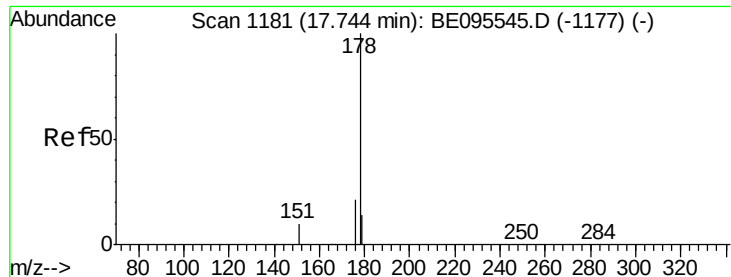


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

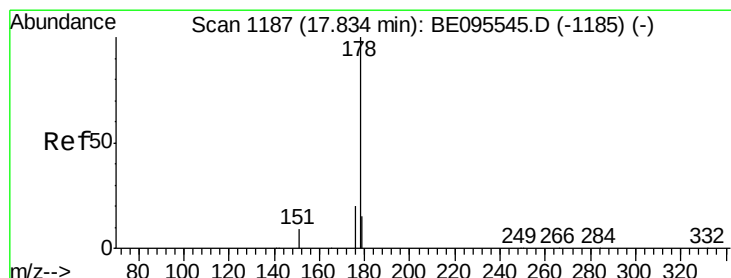
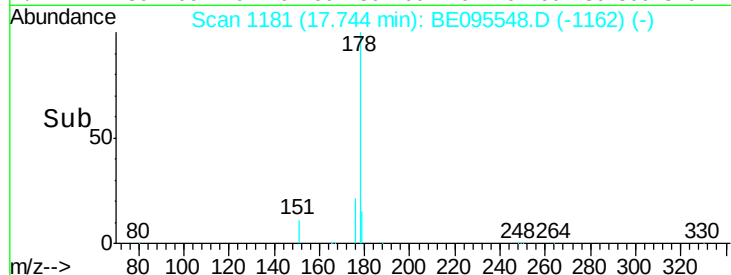
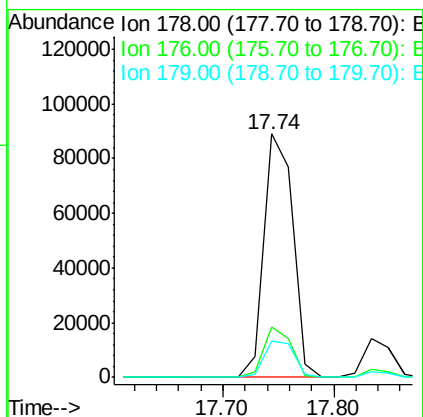
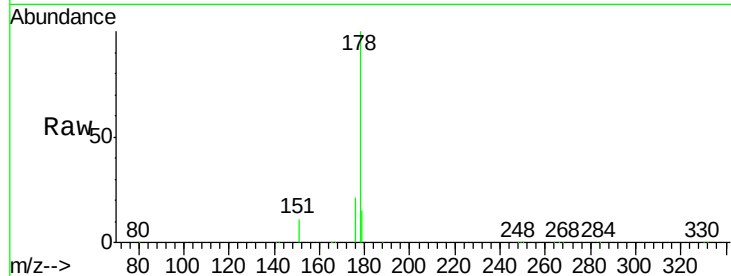




#23
Phenanthrene
Concen: 8.083 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

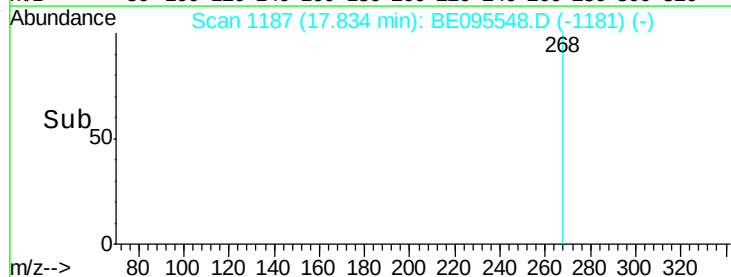
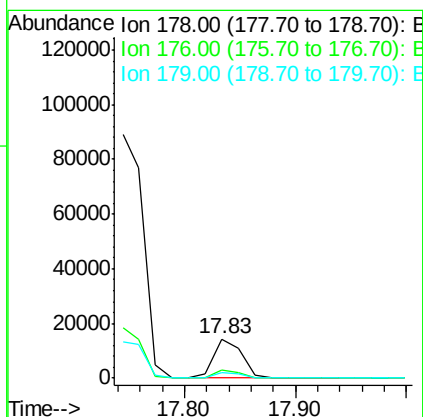
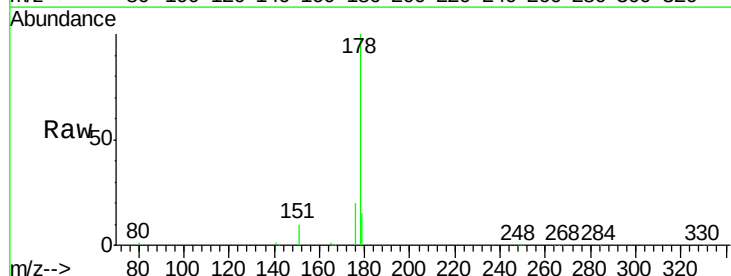
Instrument :
BNA_E
ClientSampleId :
1050

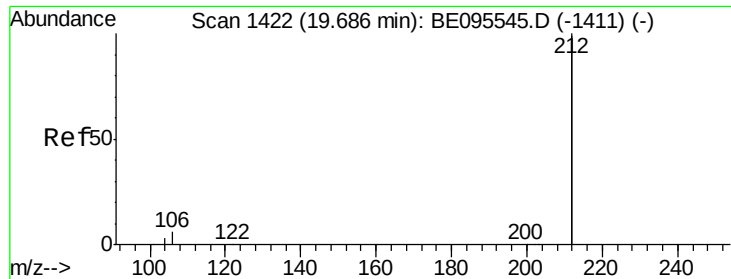
Tot Ion:178 Resp: 160689
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.3 11.8 17.6



#24
Anthracene
Concen: 1.329 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

Tgt Ion:178 Resp: 24683
Ion Ratio Lower Upper
178 100
176 18.9 12.8 19.2
179 15.0 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.228 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

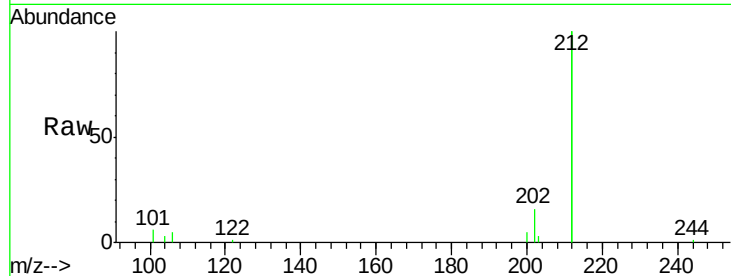
Tot Ion:212 Resp: 19441

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

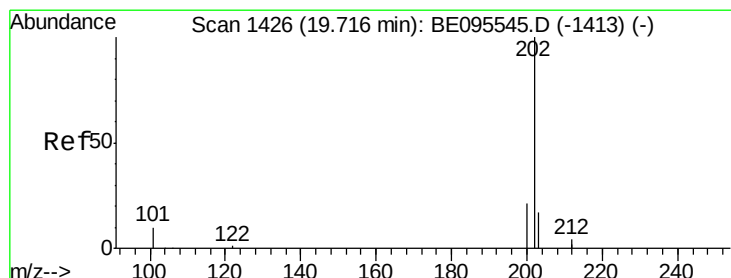
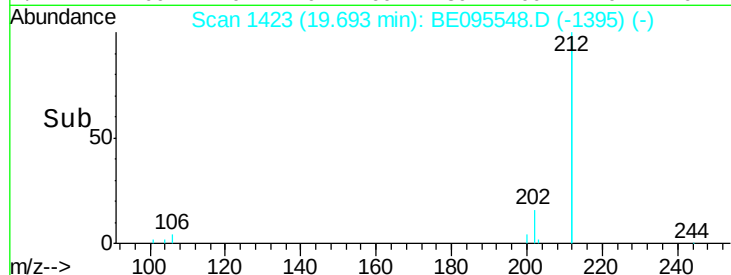
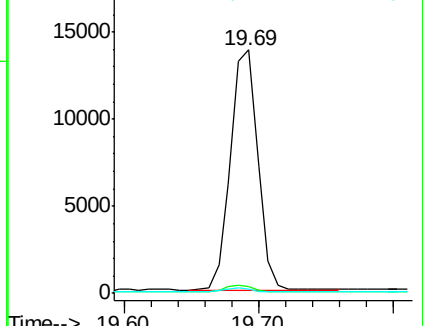
104 1.8 1.6 2.4



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: 4.269 ng

RT: 19.71 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

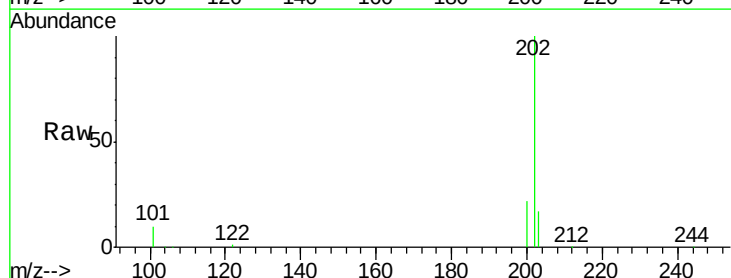
Tgt Ion:202 Resp: 107076

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

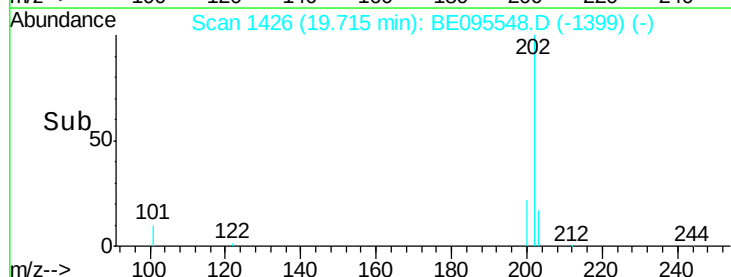
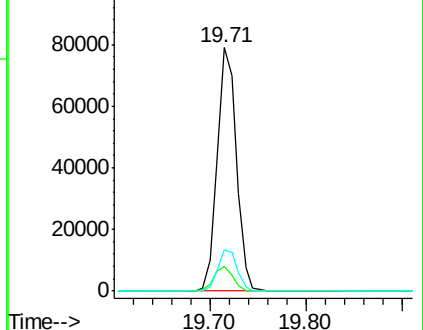
203 17.2 13.7 20.5

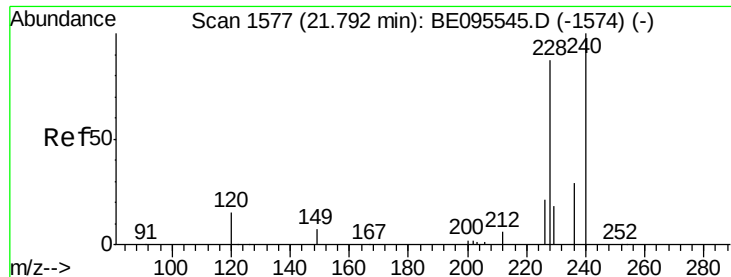


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

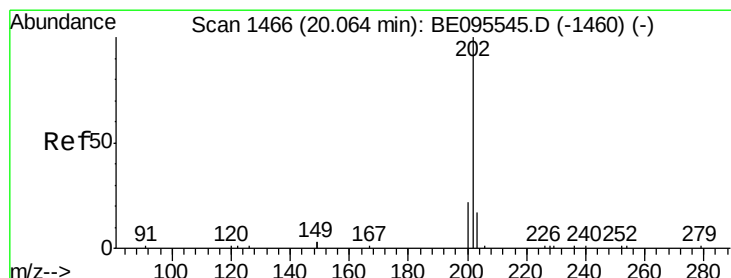
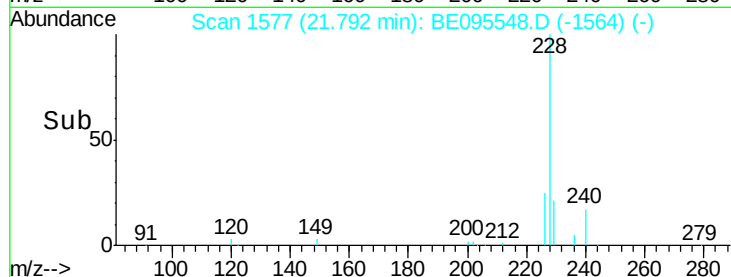
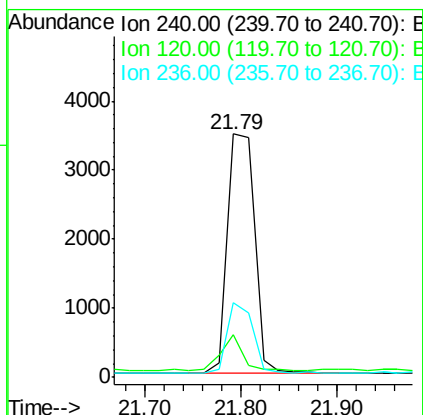
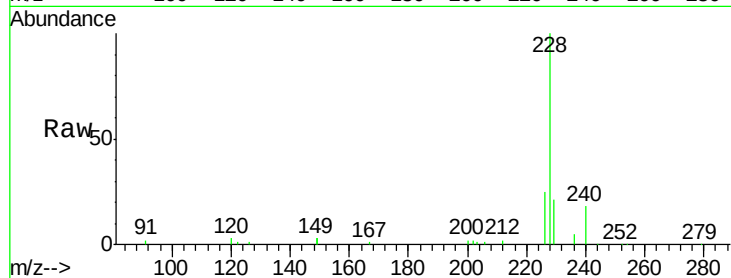




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

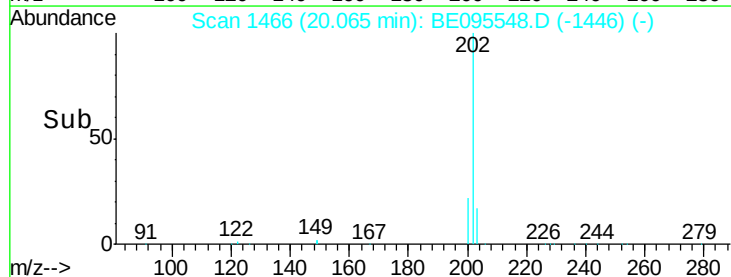
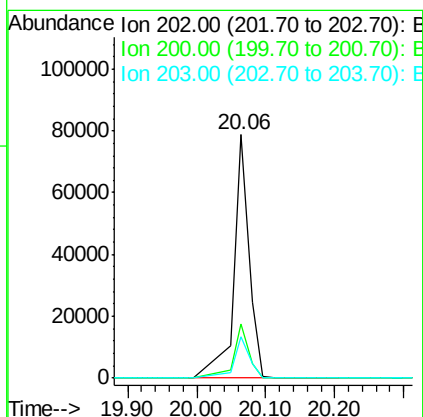
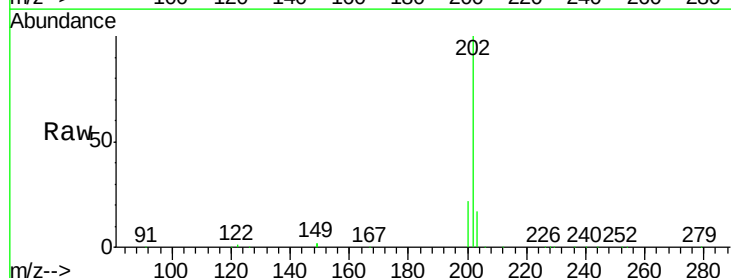
Instrument :
BNA_E
ClientSampleId :
1050

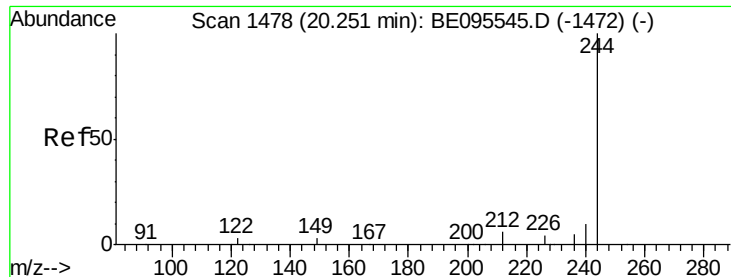
Tot Ion:240 Resp: 6858
Ion Ratio Lower Upper
240 100
120 17.3 5.5 8.3#
236 30.7 20.7 31.1



#28
Pyrene
Concen: 4.310 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

Tgt Ion:202 Resp: 124097
Ion Ratio Lower Upper
202 100
200 19.2 16.6 25.0
203 17.8 13.8 20.8





#29

Terphenyl-d14

Concen: 0.258 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

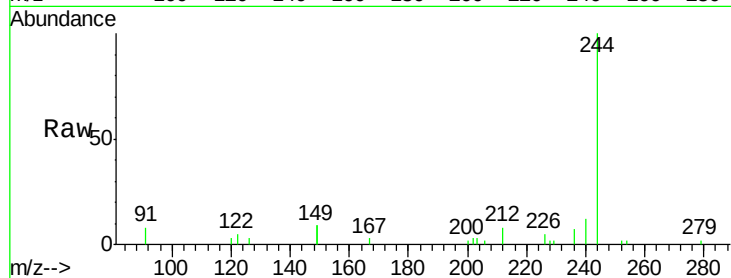
Tot Ion:244 Resp: 3774

Ion Ratio Lower Upper

244 100

212 8.0 25.4 38.0#

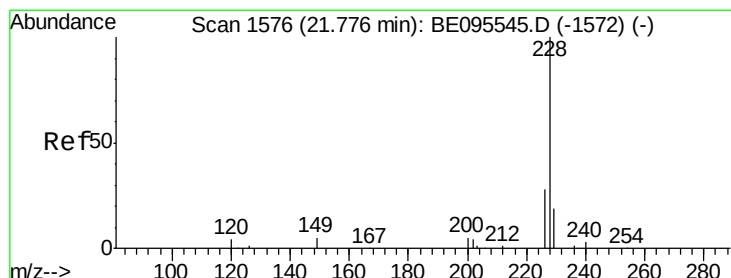
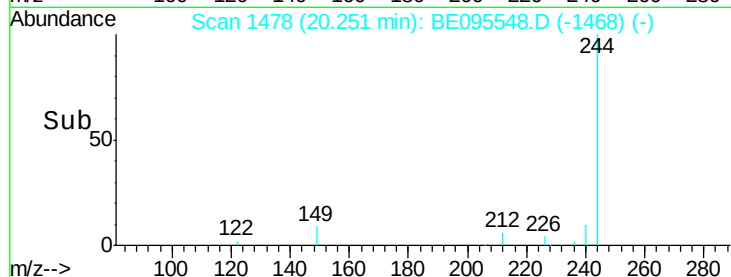
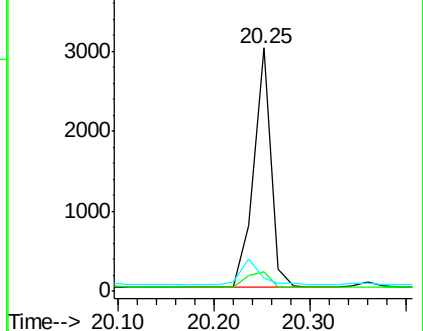
122 5.5 8.1 12.1#



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: 2.699 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

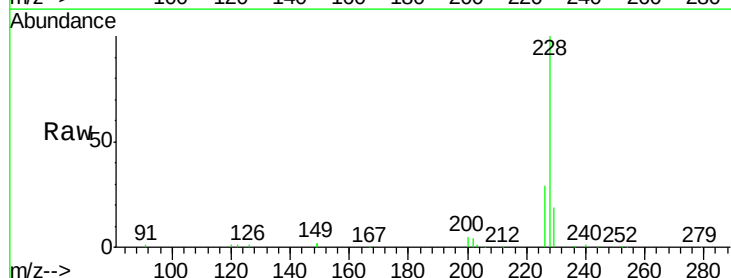
Tgt Ion:228 Resp: 61683

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

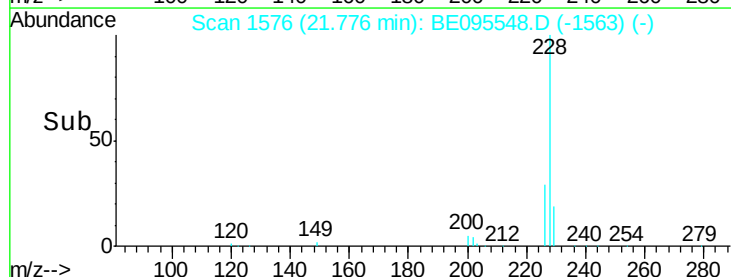
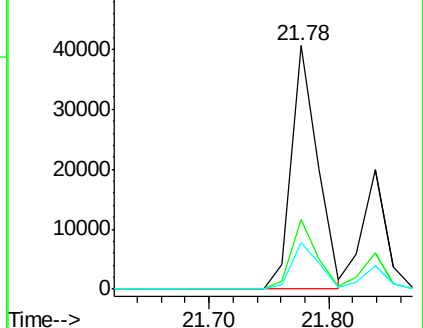
229 19.2 16.0 24.0

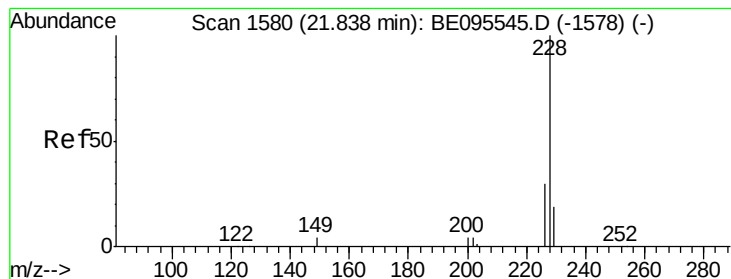


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.219 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

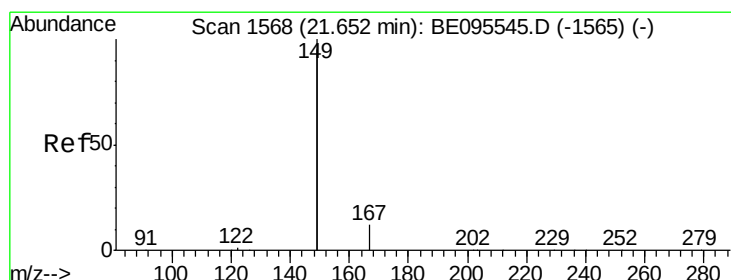
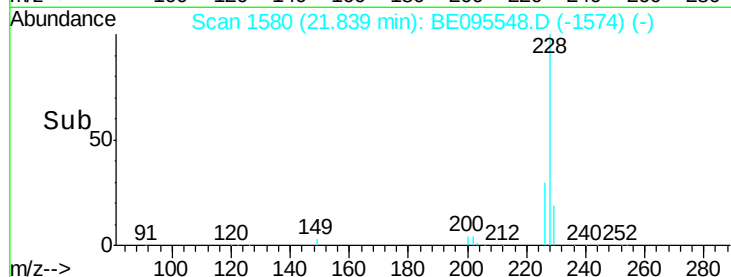
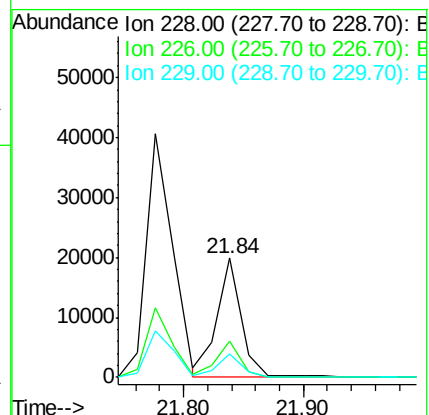
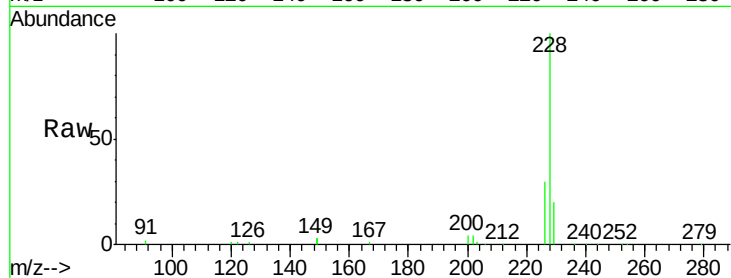
Tot Ion:228 Resp: 27471

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.9 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.371 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

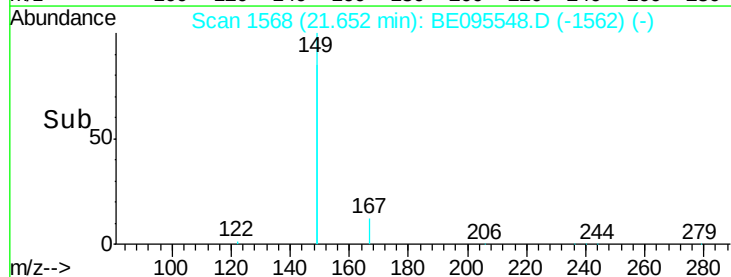
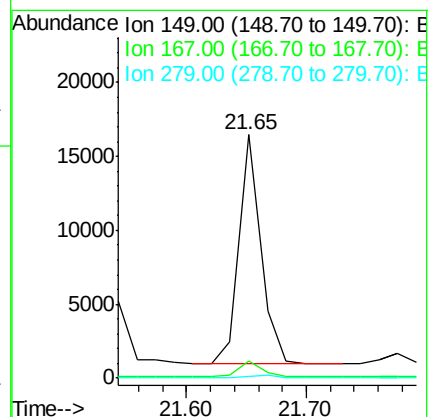
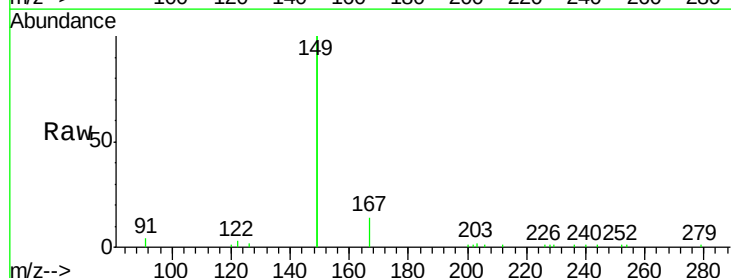
Tgt Ion:149 Resp: 19534

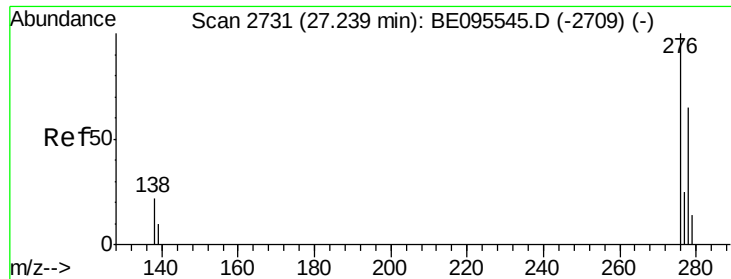
Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

279 0.8 0.7 1.1

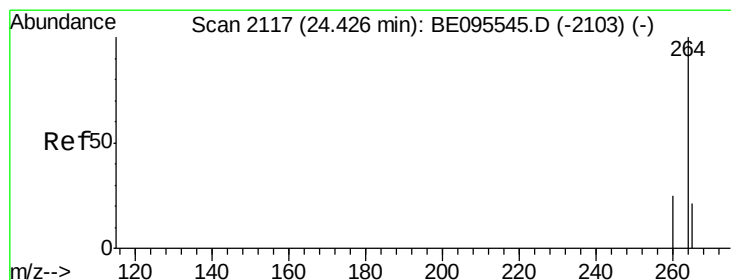
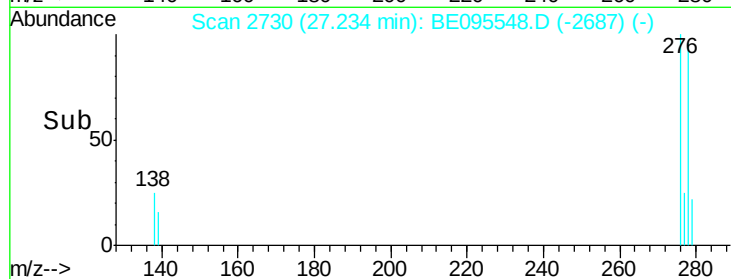
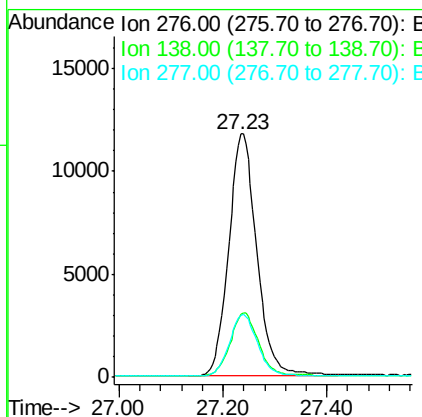
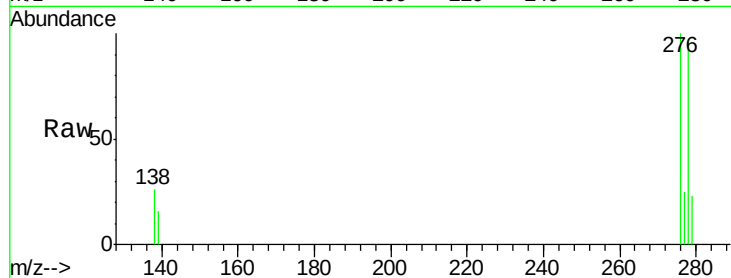




#33
Indeno(1,2,3-cd)pyrene
Concen: 2.036 ng
RT: 27.23 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

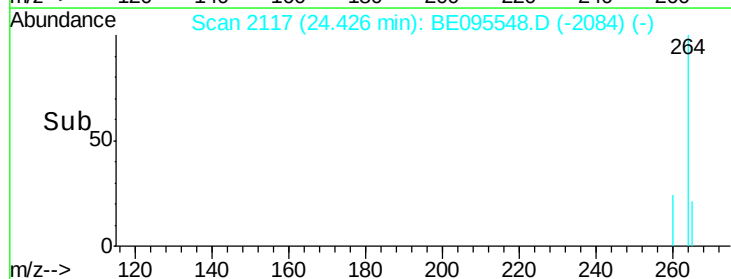
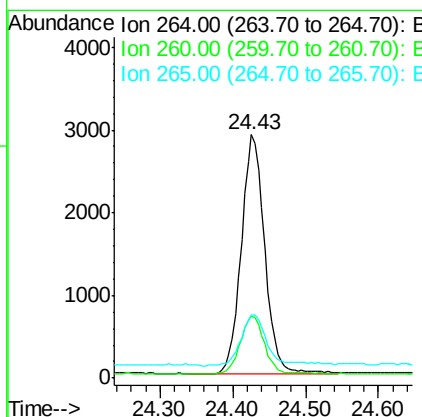
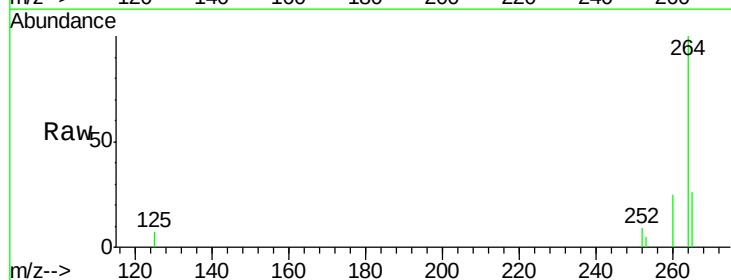
Instrument :
BNA_E
ClientSampleId :
1050

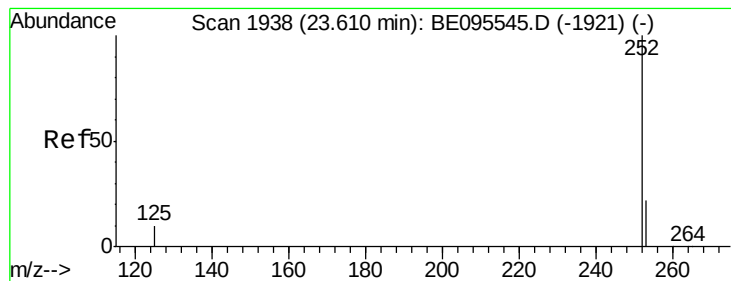
Tot Ion:276 Resp: 44297
Ion Ratio Lower Upper
276 100
138 25.9 22.5 33.7
277 25.7 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

Tgt Ion:264 Resp: 6435
Ion Ratio Lower Upper
264 100
260 25.5 20.5 30.7
265 25.8 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 2.186 ng

RT: 23.61 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

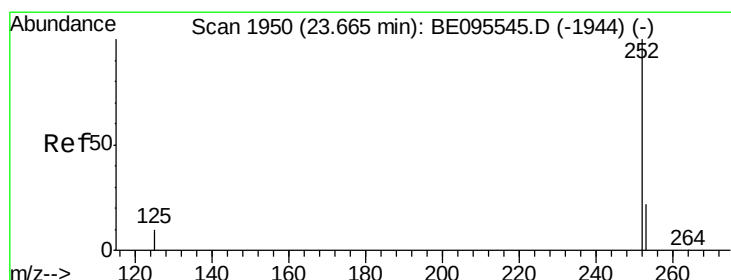
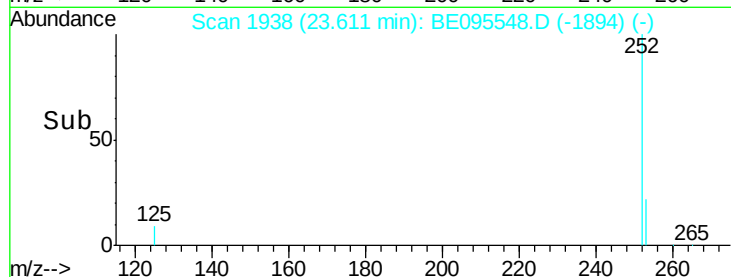
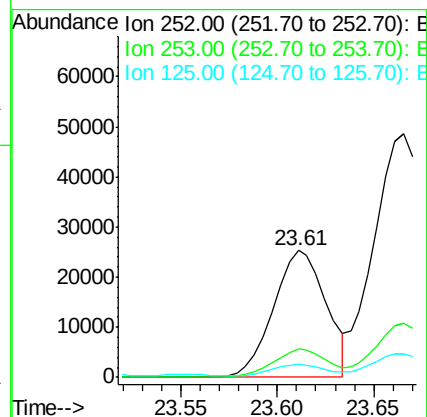
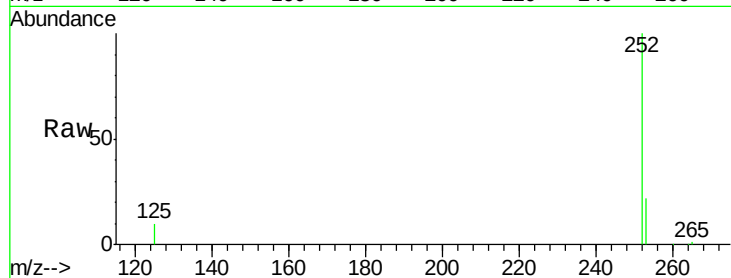
Tot Ion:252 Resp: 47959

Ion Ratio Lower Upper

252 100

253 22.1 20.0 30.0

125 10.3 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 4.222 ng

RT: 23.67 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

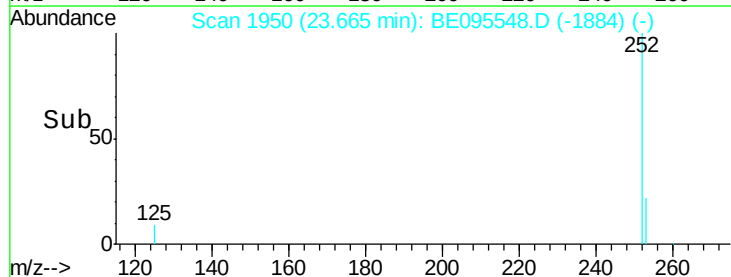
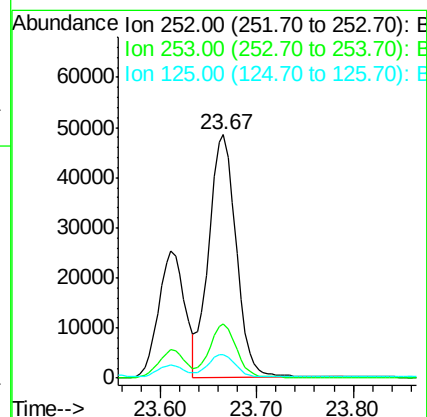
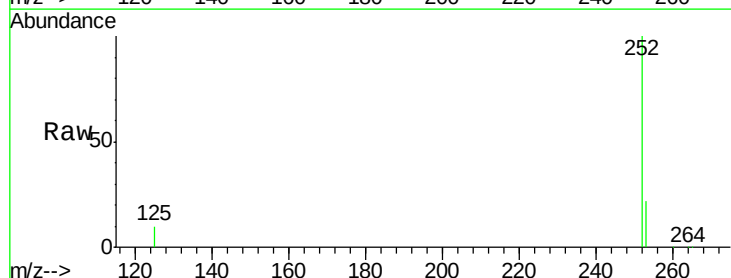
Tgt Ion:252 Resp: 95198

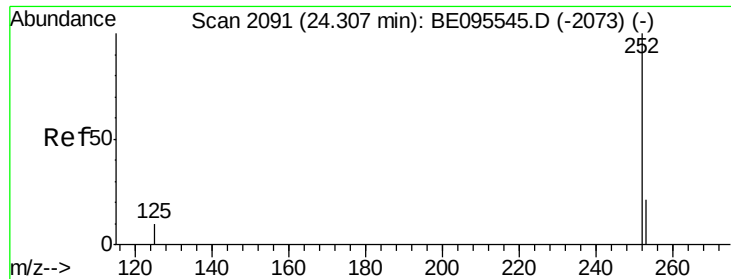
Ion Ratio Lower Upper

252 100

253 22.2 16.0 24.0

125 9.6 8.0 12.0

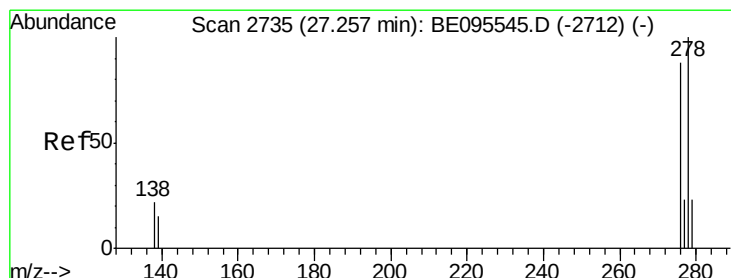
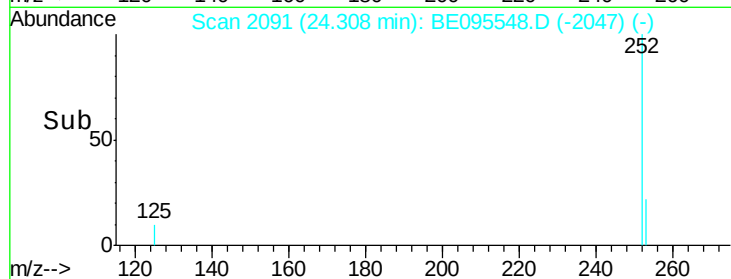
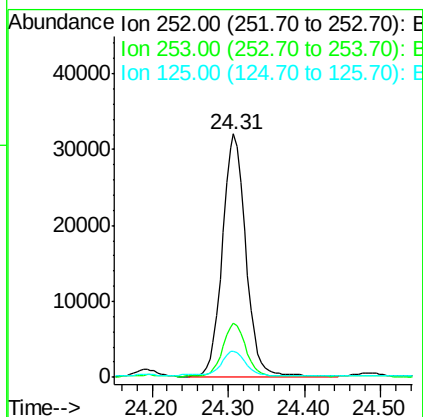
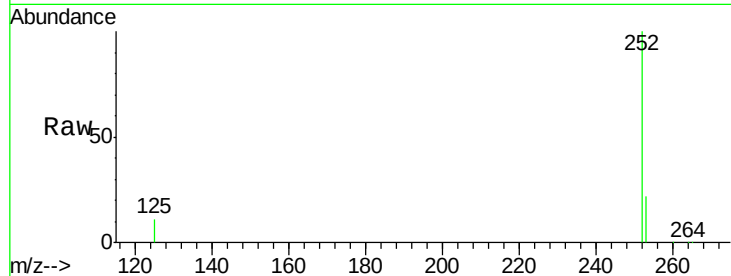




#37
Benzo(a)pyrene
Concen: 3.337 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

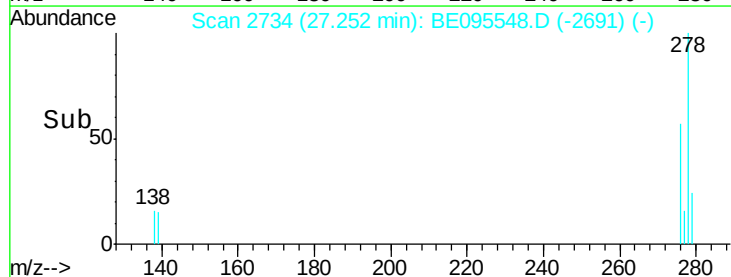
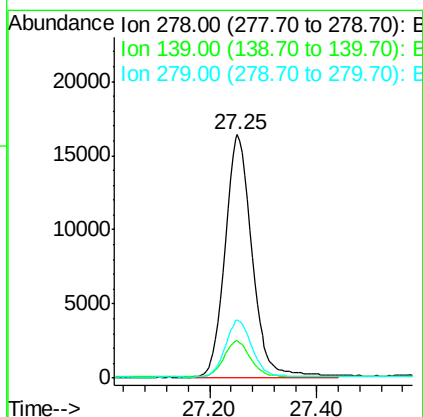
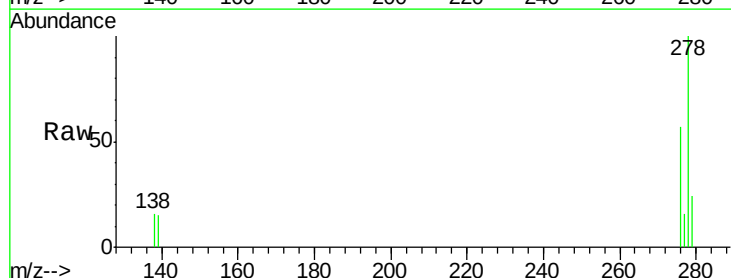
Instrument :
BNA_E
ClientSampleId :
1050

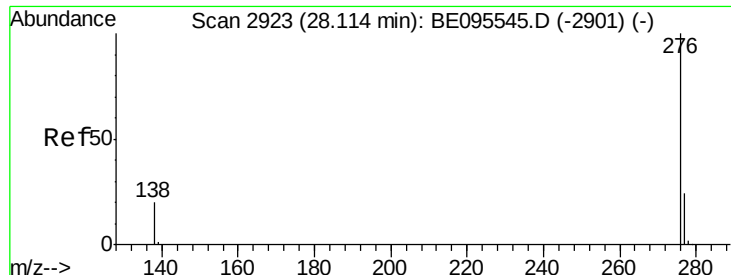
Tot Ion:252 Resp: 68136
Ion Ratio Lower Upper
252 100
253 22.1 16.0 24.0
125 10.9 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 3.202 ng
RT: 27.25 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BE095548.D
Acq: 7 Feb 2018 11:24

Tgt Ion:278 Resp: 57235
Ion Ratio Lower Upper
278 100
139 15.4 16.0 24.0#
279 23.9 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 2.530 ng

RT: 28.11 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BE095548.D

Acq: 7 Feb 2018 11:24

Instrument :

BNA_E

ClientSampleId :

1050

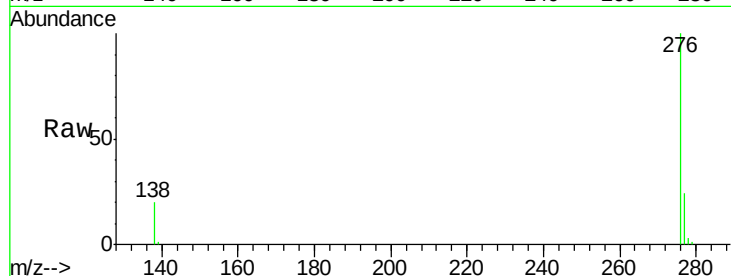
Tot Ion: 276 Resp: 48550

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 20.4 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

