

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE040218\
 Data File : BE095920.D
 Acq On : 2 Apr 2018 10:47
 Operator : SJ/JU
 Sample : PB107832BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB107832BS

Quant Time: Apr 03 03:48:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1286	0.40	ng	-0.02
7) Naphthalene-d8	11.26	136	4695	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2399	0.40	ng	-0.01
19) Phenanthrene-d10	17.71	188	5084	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6169	0.40	ng	-0.01
34) Perylene-d12	24.42	264	6302	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1637	0.39	ng	0.00
5) Phenol-d6	7.56	99	2212	0.38	ng	0.00
8) Nitrobenzene-d5	9.59	82	2561	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2752	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	447	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	5055	0.50	ng	-0.01
25) Fluoranthene-d10	19.68	212	27126	0.36	ng	0.00
29) Terphenyl-d14	20.24	244	6345	0.48	ng	0.00

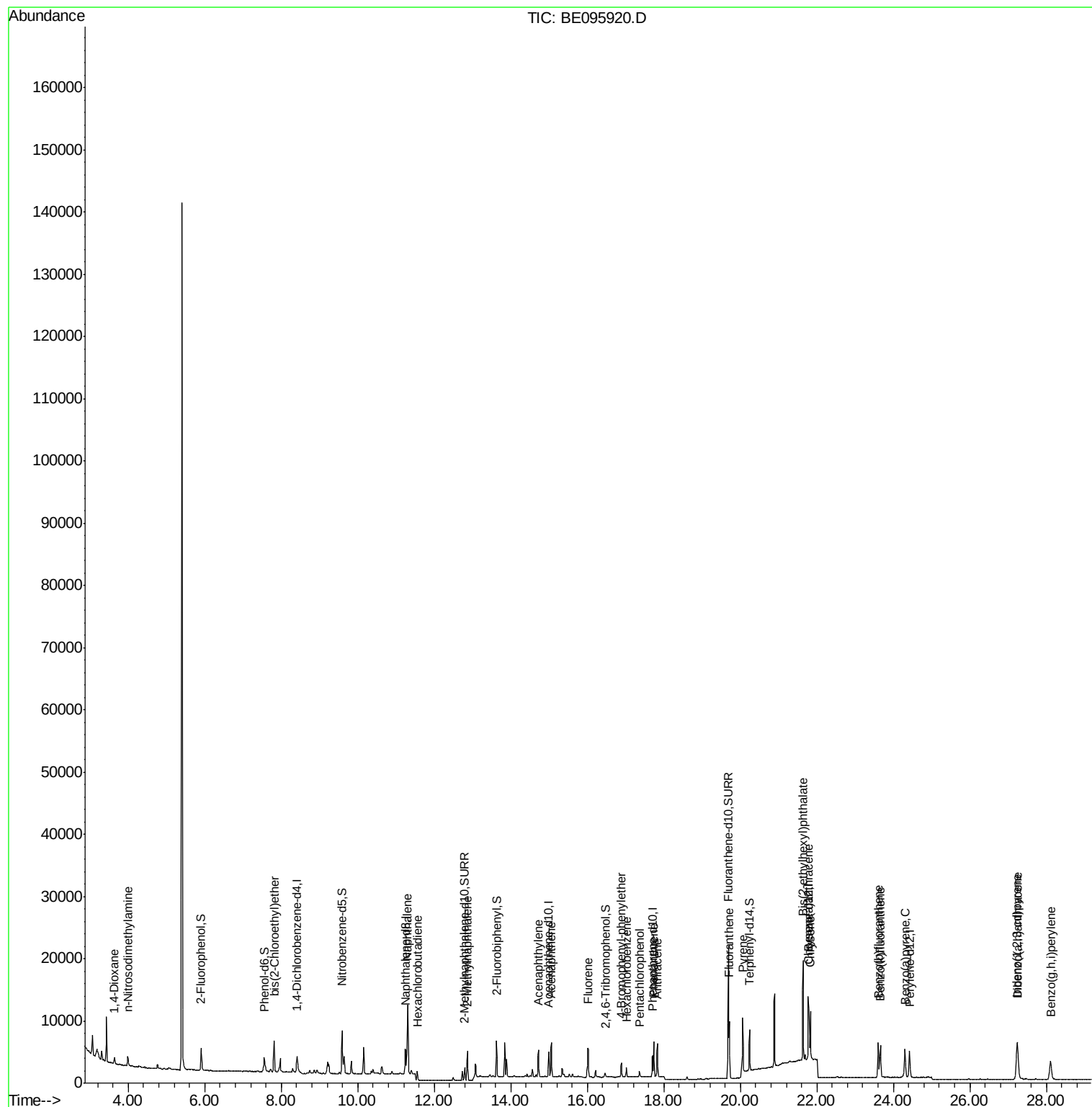
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	706	0.335	ng	# 87
3) n-Nitrosodimethylamine	3.99	42	1039	0.336	ng	83
6) bis(2-Chloroethyl)ether	7.81	93	1779	0.354	ng	97
9) Naphthalene	11.29	128	19861	0.370	ng	99
10) Hexachlorobutadiene	11.56	225	1311	0.356	ng	95
12) 2-Methylnaphthalene	12.86	142	3305	0.361	ng	95
16) Acenaphthylene	14.73	152	4856	0.354	ng	100
17) Acenaphthene	15.06	154	2898	0.346	ng	96
18) Fluorene	16.03	166	3607	0.328	ng	# 78
20) 4-Bromophenyl-phenylether	16.89	248	1210	0.396	ng	# 85
21) Hexachlorobenzene	17.02	284	1160	0.380	ng	# 80
22) Pentachlorophenol	17.36	266	564	0.620	ng	# 81
23) Phenanthrene	17.74	178	5718	0.376	ng	99
24) Anthracene	17.83	178	5826	0.383	ng	96
26) Fluoranthene	19.71	202	7659	0.362	ng	98
28) Pyrene	20.06	202	8320	0.331	ng	# 88
30) Benzo(a)anthracene	21.78	228	8039	0.376	ng	97
31) Chrysene	21.83	228	7610	0.390	ng	96
32) Bis(2-ethylhexyl)phthalate	21.65	149	20630	0.315	ng	99
33) Indeno(1,2,3-cd)pyrene	27.23	276	8771	0.417	ng	95
35) Benzo(b)fluoranthene	23.61	252	7890	0.378	ng	# 93
36) Benzo(k)fluoranthene	23.66	252	7753	0.372	ng	# 90
37) Benzo(a)pyrene	24.30	252	7633	0.391	ng	# 91
38) Dibenzo(a,h)anthracene	27.25	278	7066	0.381	ng	95
39) Benzo(g,h,i)perylene	28.11	276	7388	0.396	ng	# 90

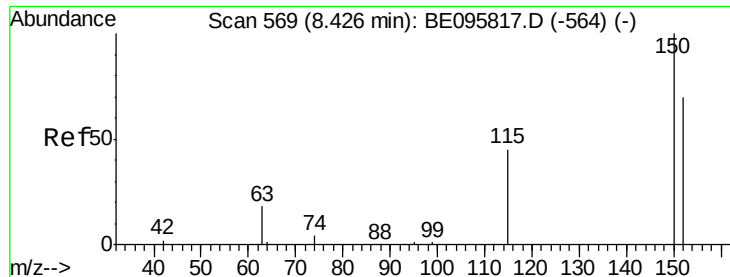
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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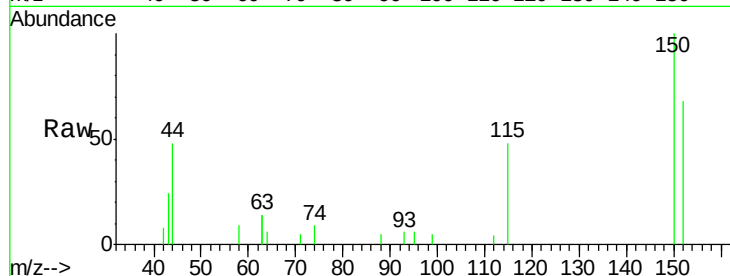


#1

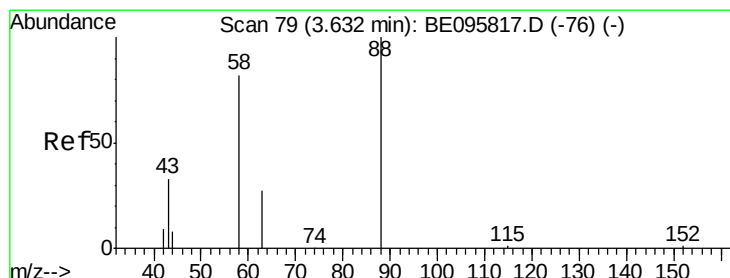
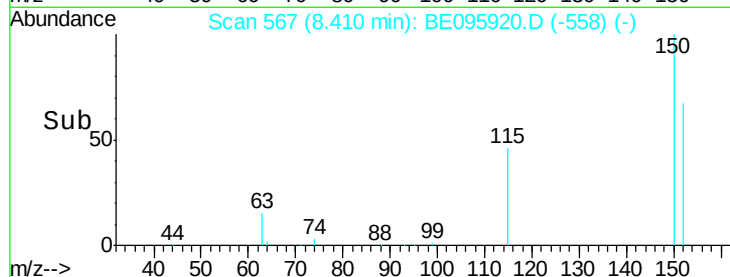
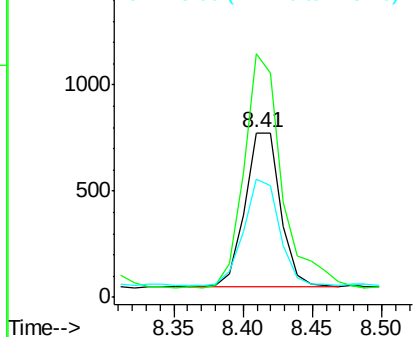
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.41 min Scan# 567
Delta R.T. -0.02 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB107832BS

Tot Ion:152 Resp: 1286
Ion Ratio Lower Upper
152 100
150 148.1 117.2 175.8
115 71.7 57.0 85.6



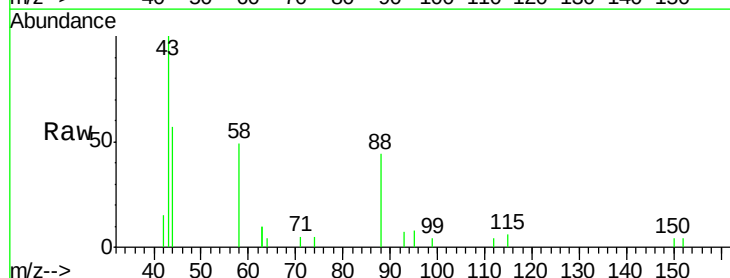
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



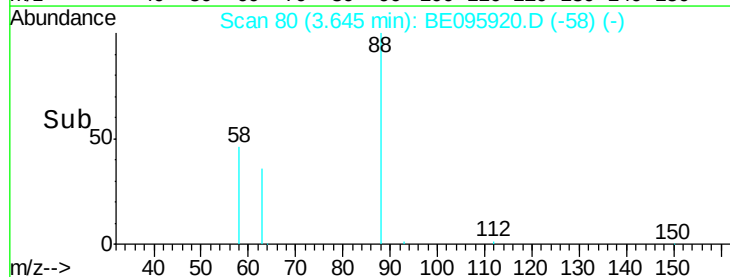
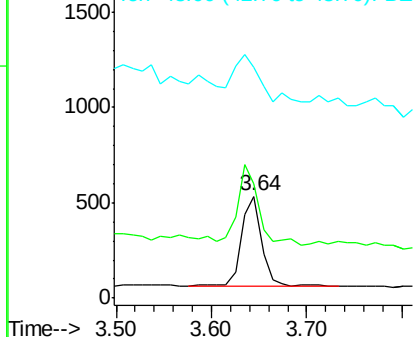
#2

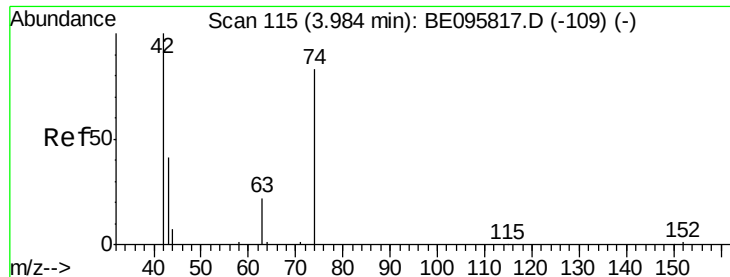
1,4-Dioxane
Concen: 0.335 ng
RT: 3.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

Tgt Ion: 88 Resp: 706
Ion Ratio Lower Upper
88 100
58 85.8 63.2 94.8
43 65.4 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

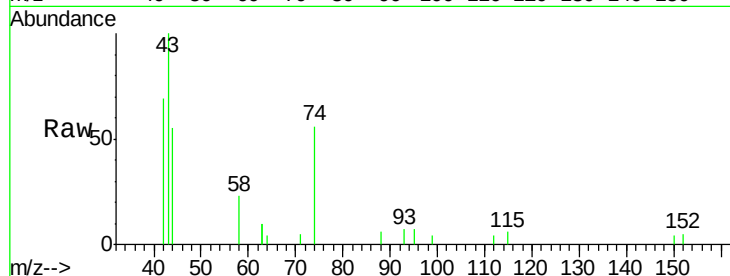




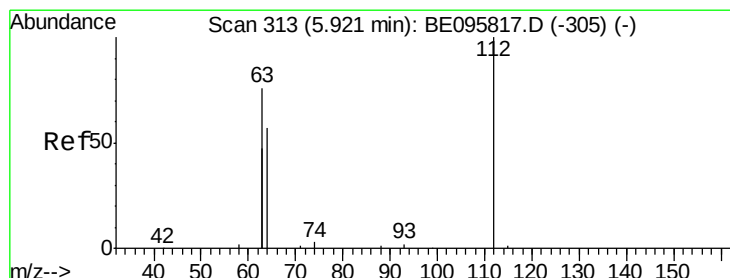
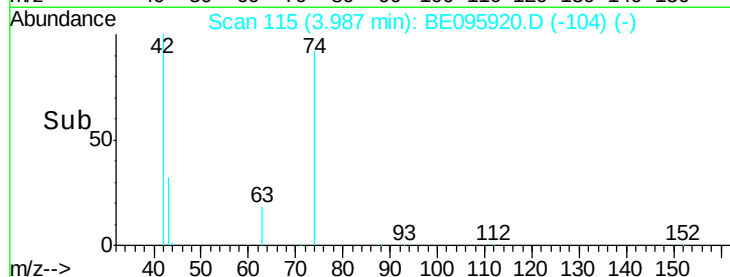
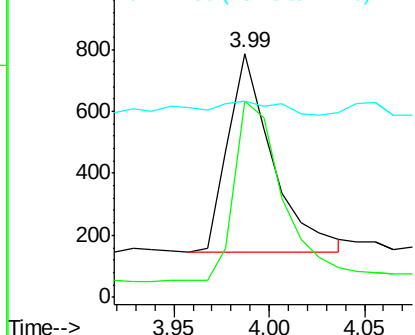
#3
n-Nitrosodimethylamine
Concen: 0.336 ng
RT: 3.99 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

Instrument :
BNA_E
ClientSampleId :
PB107832BS

Tot Ion: 42 Resp: 1039
Ion Ratio Lower Upper
42 100
74 99.3 96.0 144.0
44 12.6 12.0 18.0

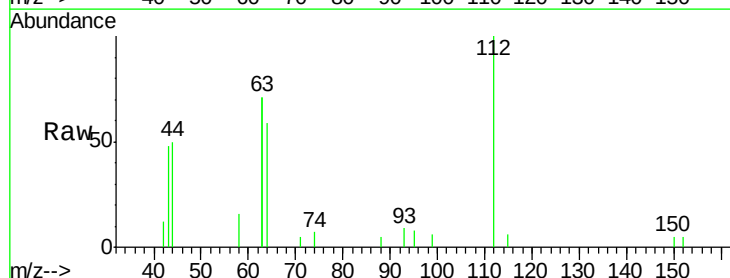


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

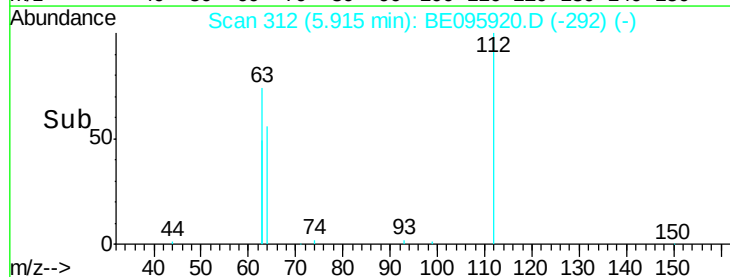
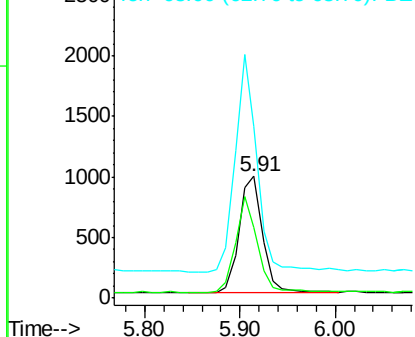


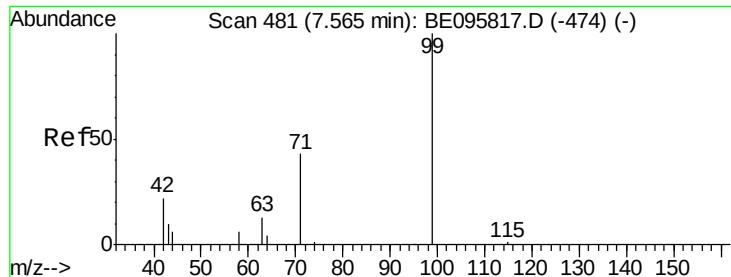
#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

Tgt Ion: 112 Resp: 1637
Ion Ratio Lower Upper
112 100
64 76.1 60.1 90.1
63 175.3 116.8 175.2#



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: 0.379 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

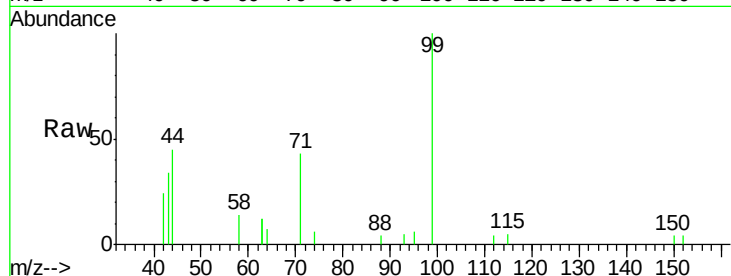
Tot Ion: 99 Resp: 2212

Ion Ratio Lower Upper

99 100

42 26.8 20.2 30.2

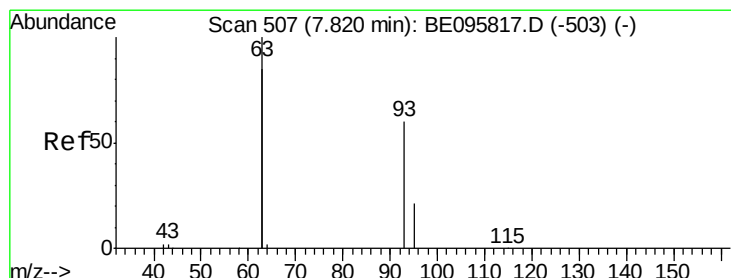
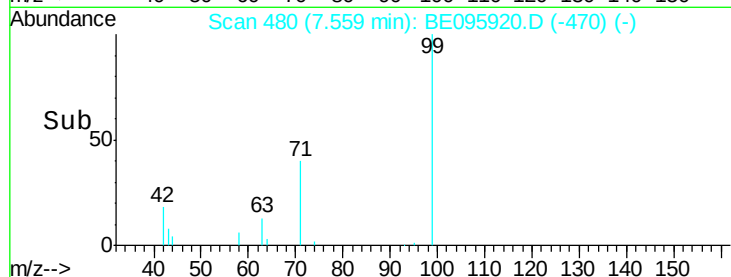
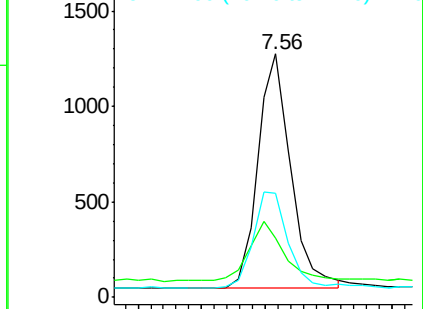
71 42.9 28.4 42.6#



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: 0.354 ng

RT: 7.81 min Scan# 506

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

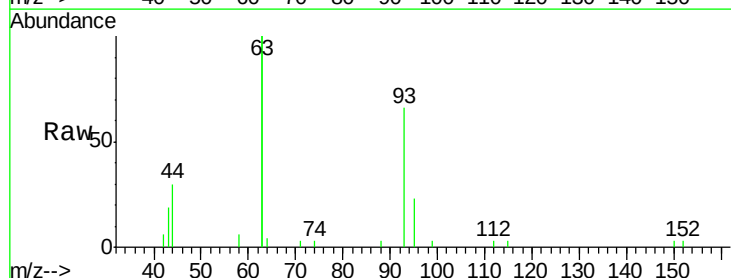
Tgt Ion: 93 Resp: 1779

Ion Ratio Lower Upper

93 100

63 336.9 275.3 412.9

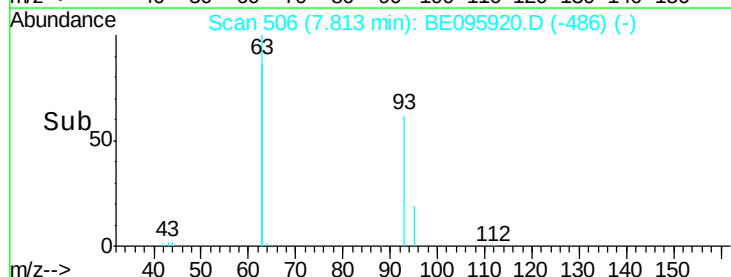
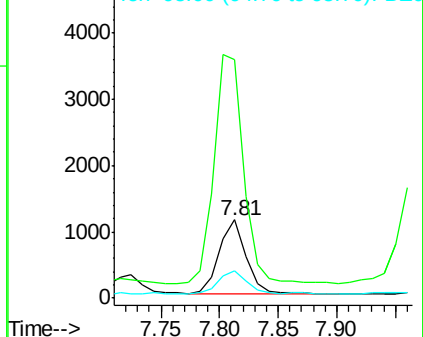
95 32.5 25.2 37.8

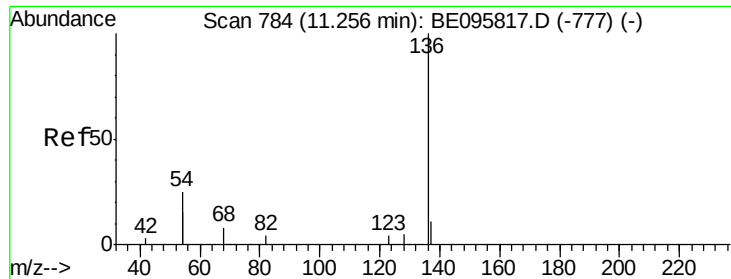


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

Tot Ion:136 Resp: 4695

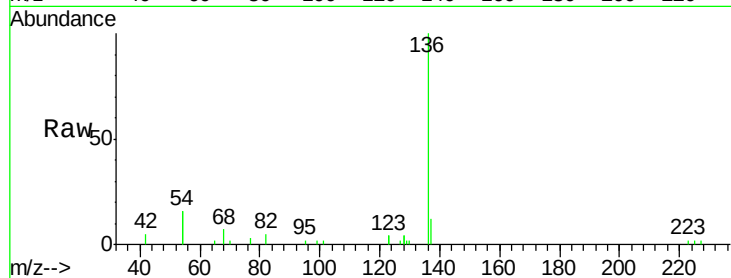
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 32.7 29.1 43.7

68 7.1 6.2 9.2

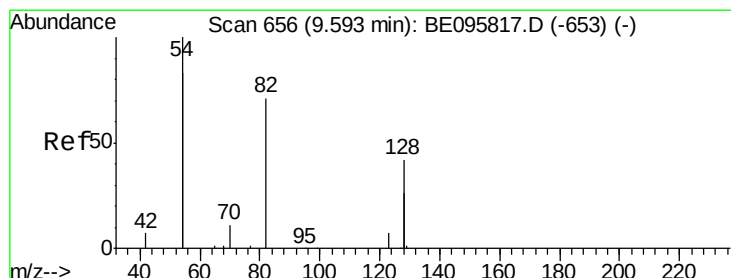
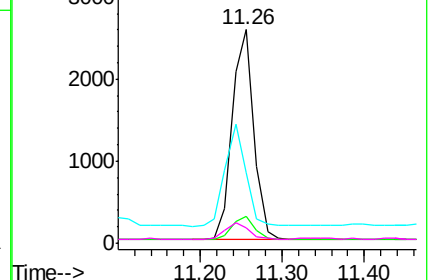
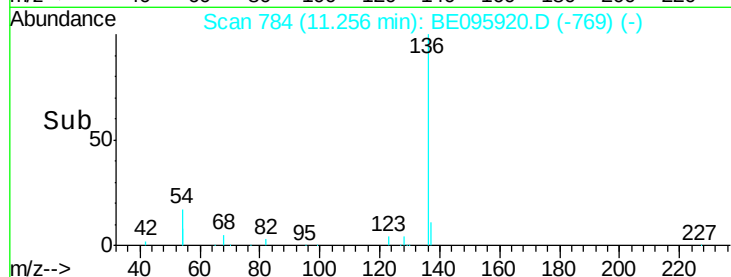


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.462 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

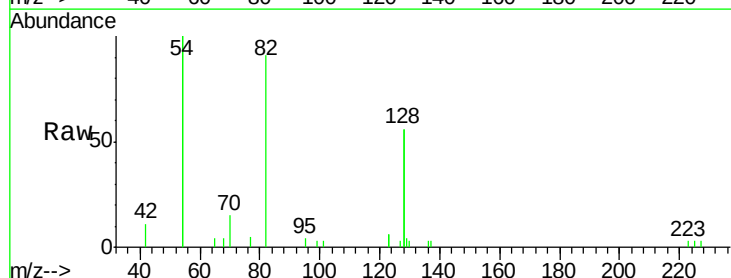
Tgt Ion: 82 Resp: 2561

Ion Ratio Lower Upper

82 100

128 122.8 150.0 225.0#

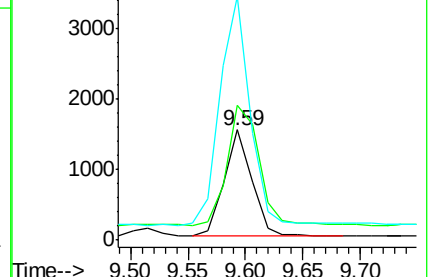
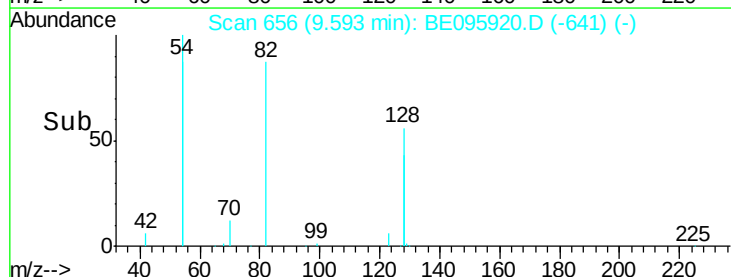
54 220.8 154.2 231.4

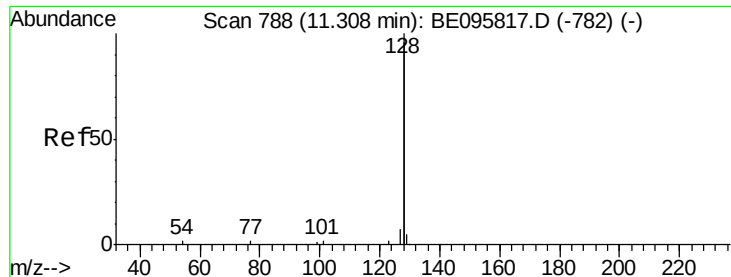


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.370 ng

RT: 11.29 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

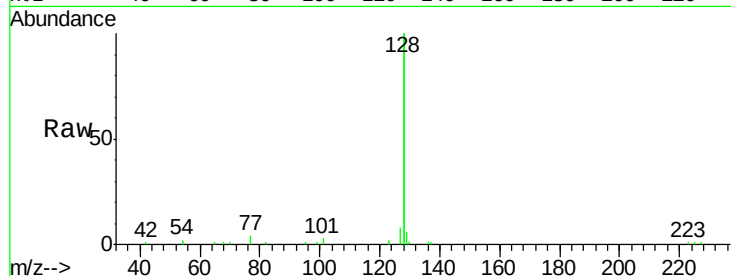
Tot Ion:128 Resp: 19861

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

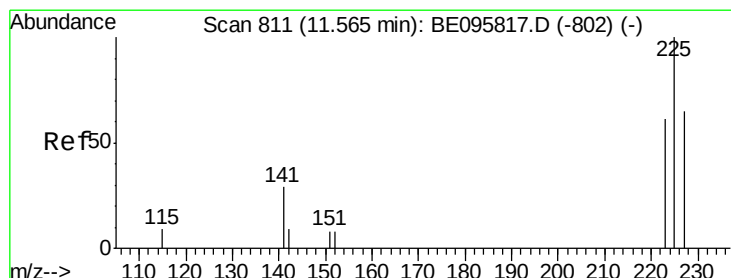
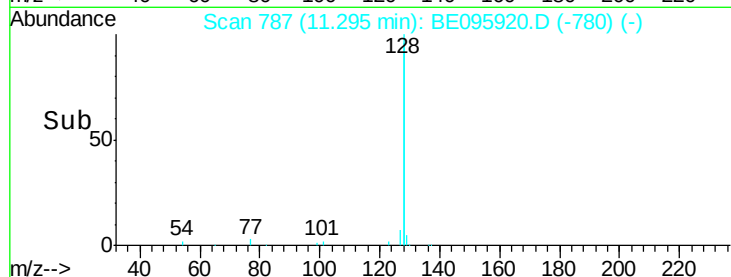
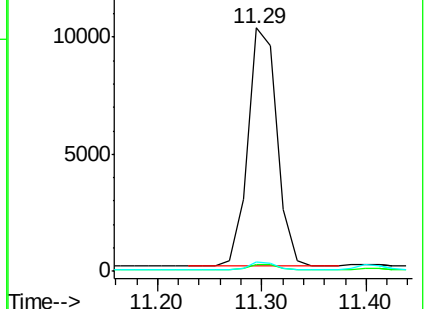
127 3.8 2.8 4.2



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: 0.356 ng

RT: 11.56 min Scan# 810

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

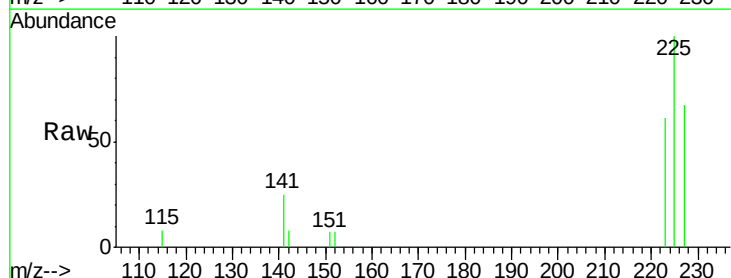
Tgt Ion:225 Resp: 1311

Ion Ratio Lower Upper

225 100

223 63.2 53.0 79.6

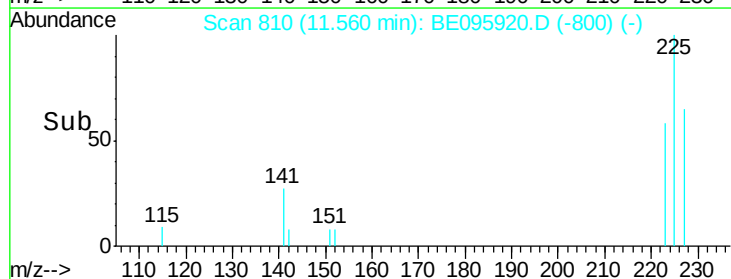
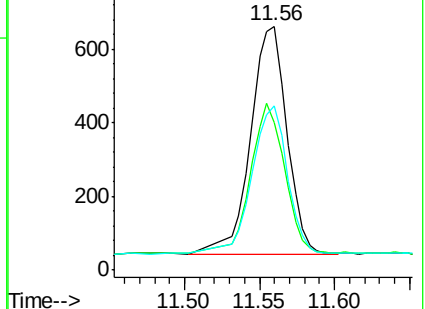
227 68.8 51.4 77.2

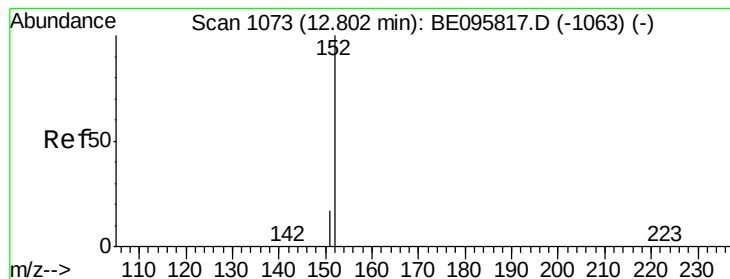


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

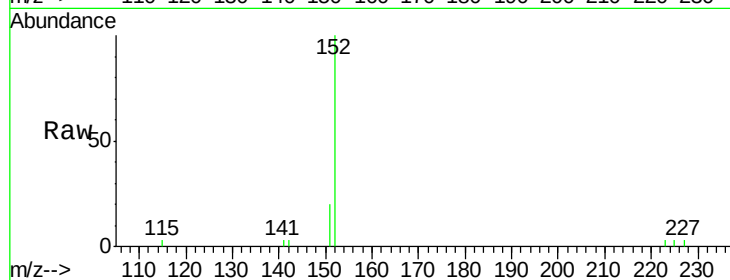
PB107832BS

Tot Ion:152 Resp: 2752

Ion Ratio Lower Upper

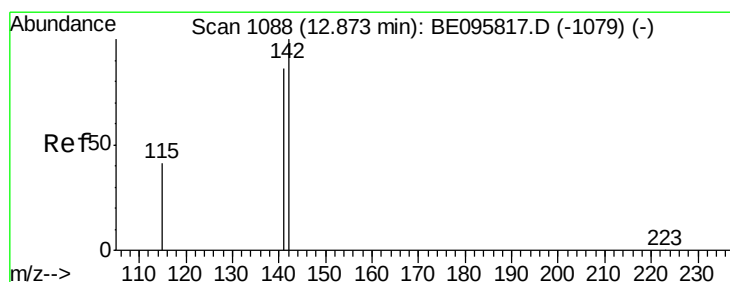
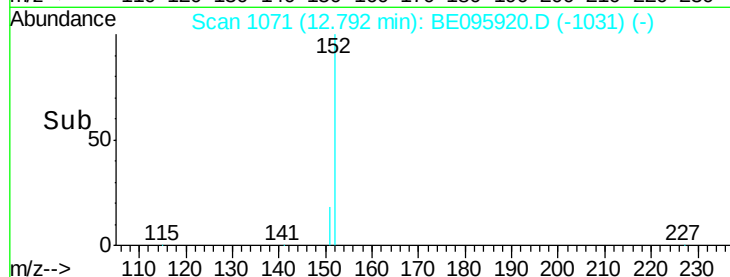
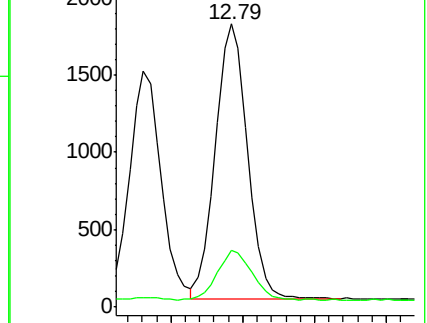
152 100

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



#12

2-Methylnaphthalene

Concen: 0.361 ng

RT: 12.86 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

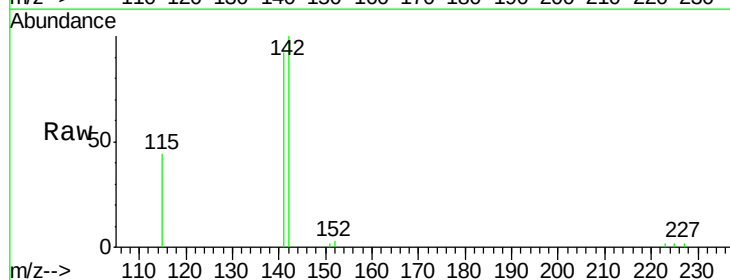
Tgt Ion:142 Resp: 3305

Ion Ratio Lower Upper

142 100

141 91.8 70.4 105.6

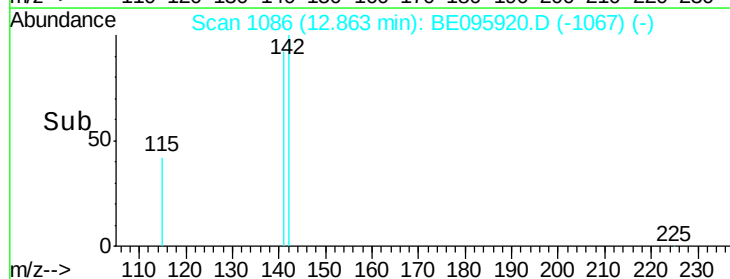
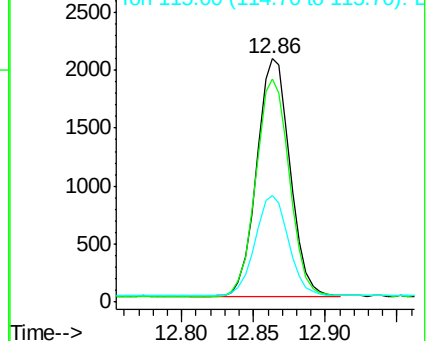
115 43.6 31.7 47.5

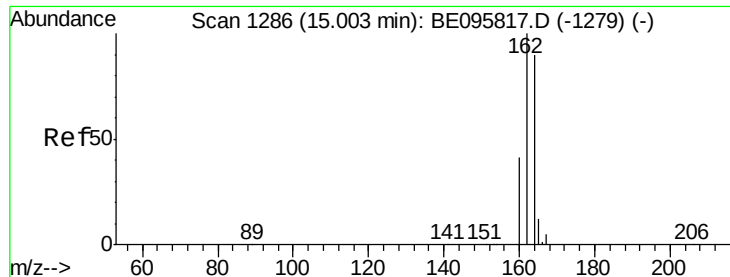


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

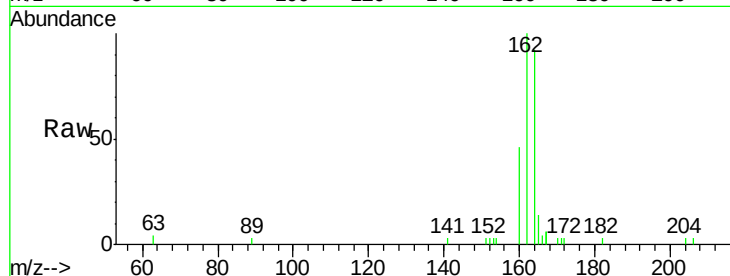
Tot Ion:164 Resp: 2399

Ion Ratio Lower Upper

164 100

162 109.1 83.1 124.7

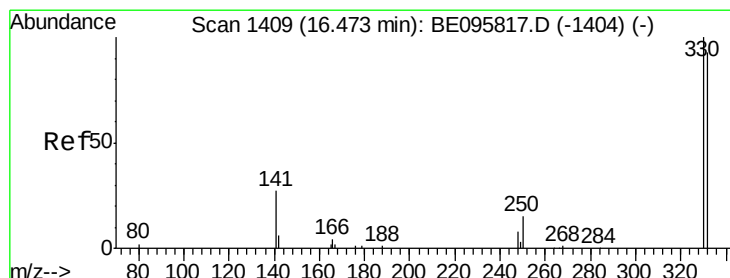
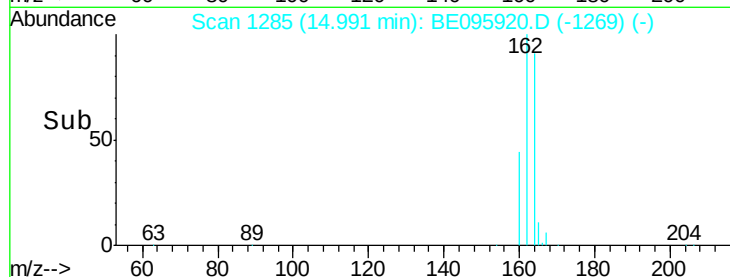
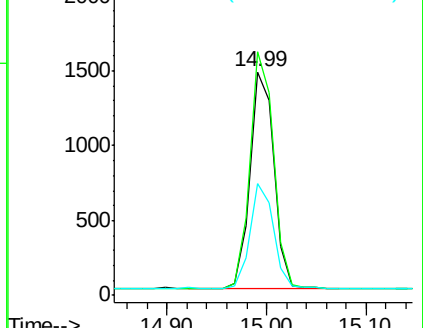
160 50.1 37.1 55.7



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: 0.323 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

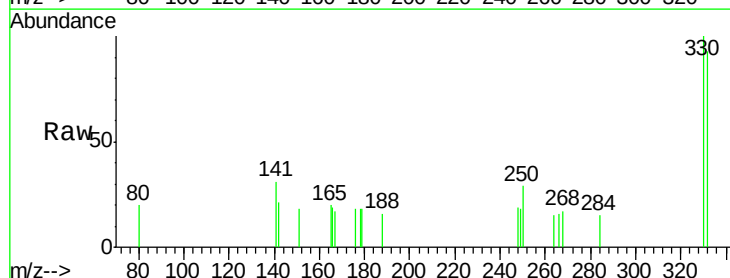
Tgt Ion:330 Resp: 447

Ion Ratio Lower Upper

330 100

332 90.2 152.7 229.1#

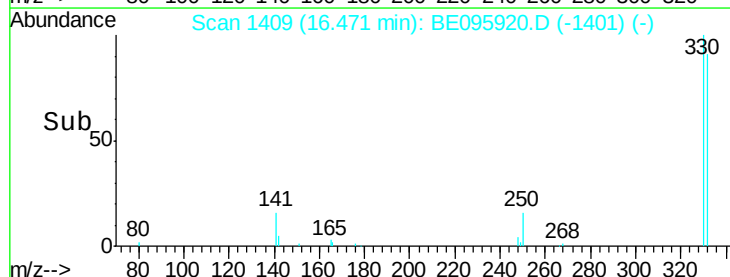
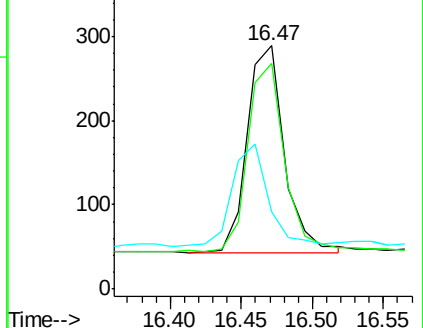
141 48.8 33.7 50.5

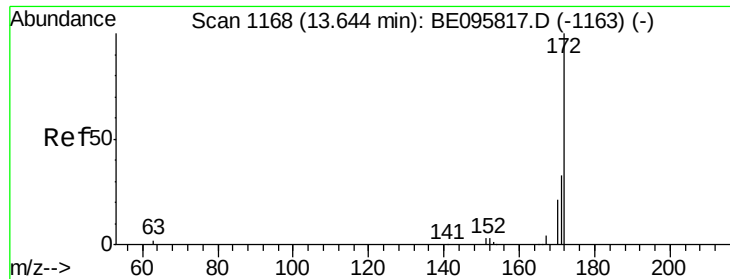


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

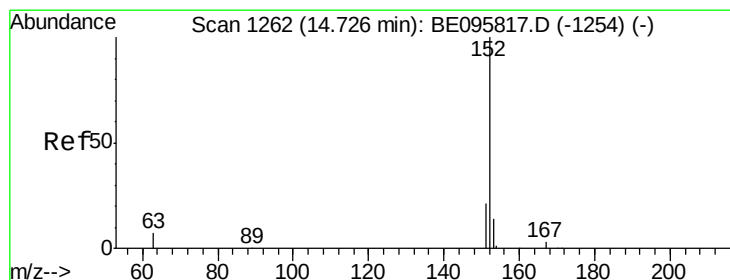
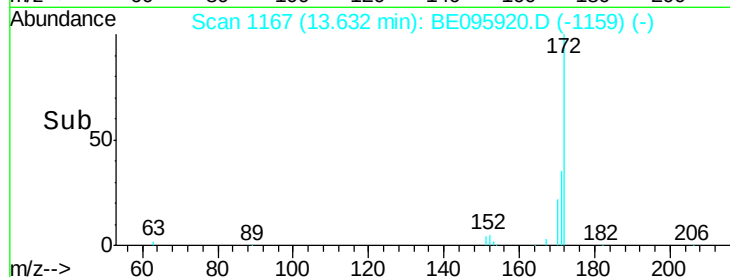
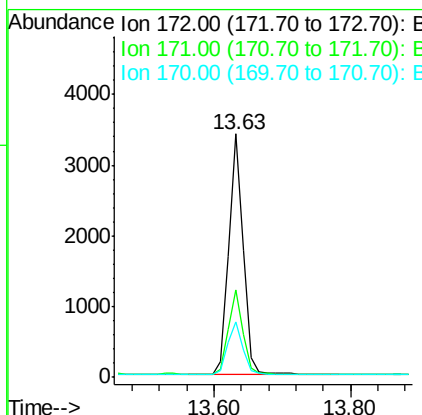
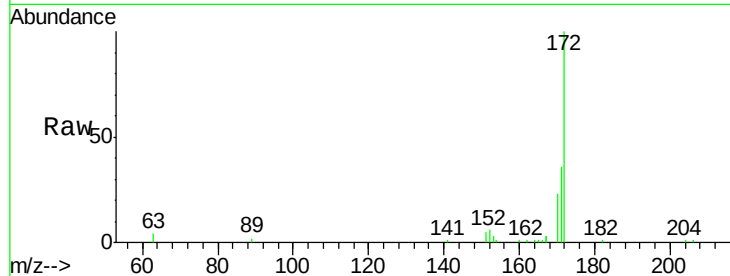




#15
2-Fluorobiphenyl
Concen: 0.500 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

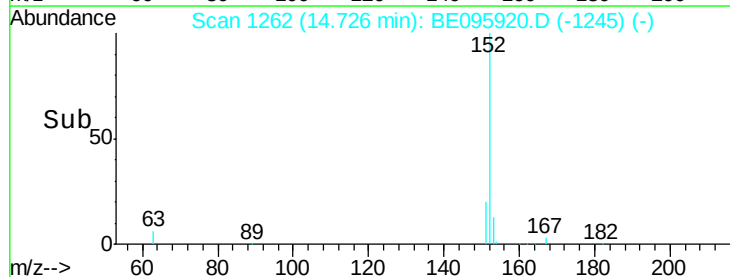
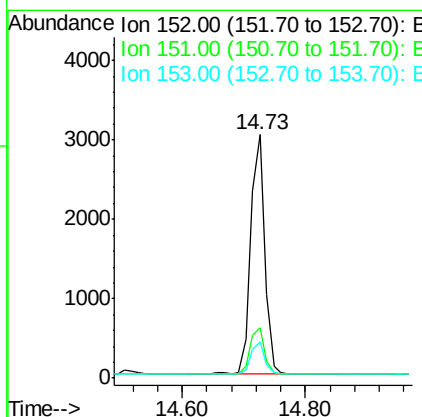
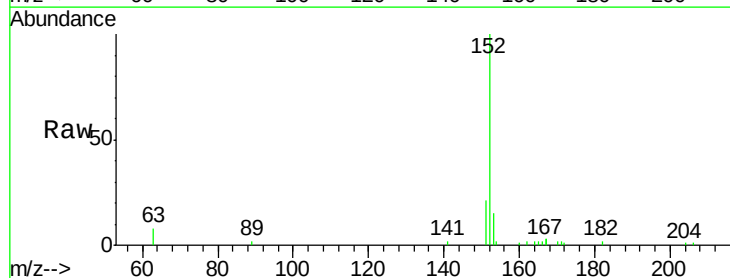
Instrument :
BNA_E
ClientSampleId :
PB107832BS

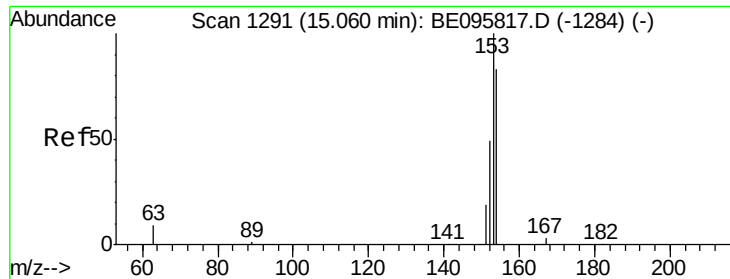
Tot Ion:172 Resp: 5055
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 23.0 21.8 32.8



#16
Acenaphthylene
Concen: 0.354 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

Tgt Ion:152 Resp: 4856
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.346 ng

RT: 15.06 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

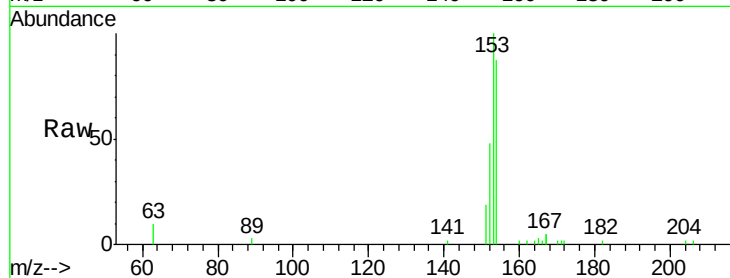
Tot Ion:154 Resp: 2898

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

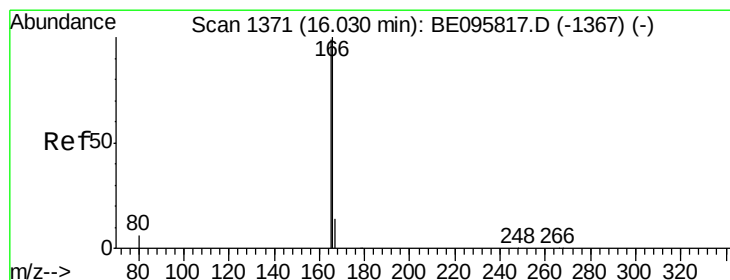
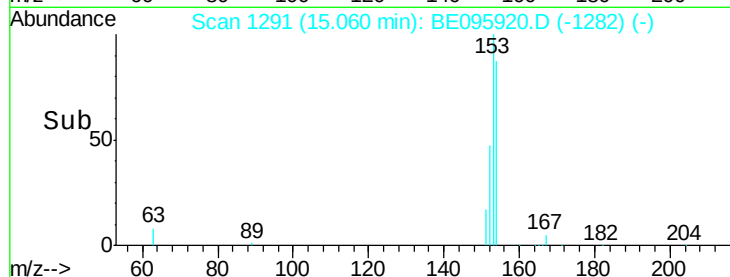
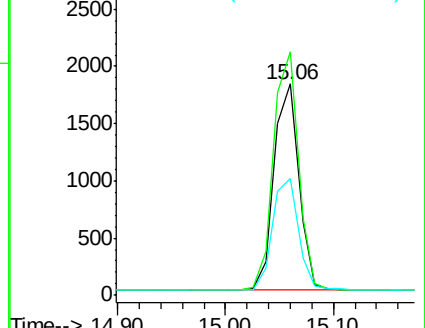
152 55.9 42.0 63.0



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: 0.328 ng

RT: 16.03 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

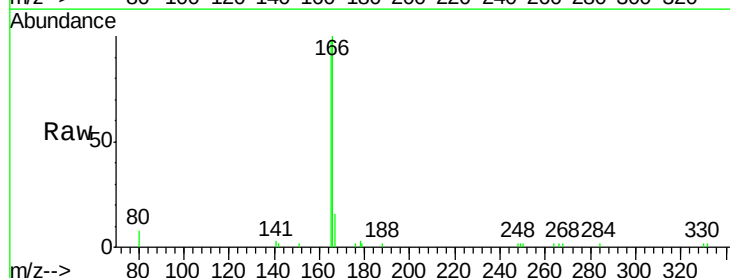
Tgt Ion:166 Resp: 3607

Ion Ratio Lower Upper

166 100

165 100.6 77.8 116.6

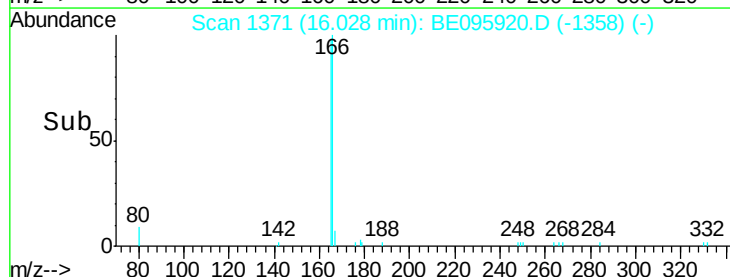
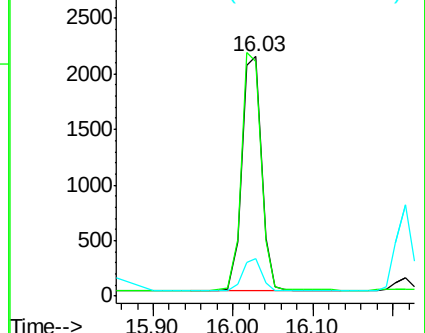
167 13.7 42.4 63.6#

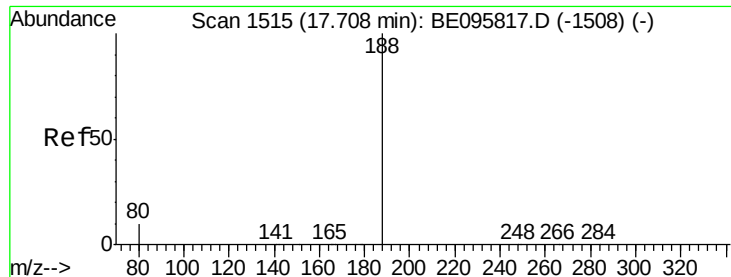


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1515

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

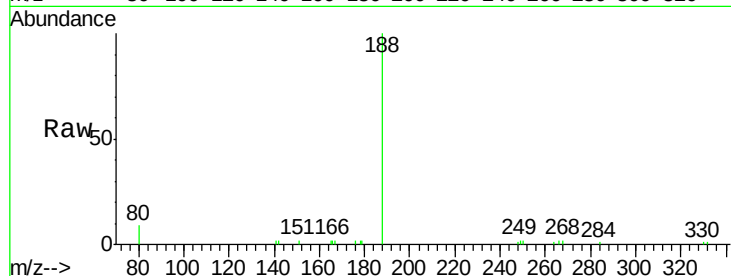
Tot Ion:188 Resp: 5084

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

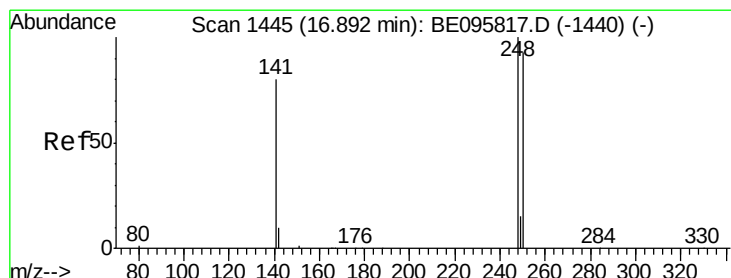
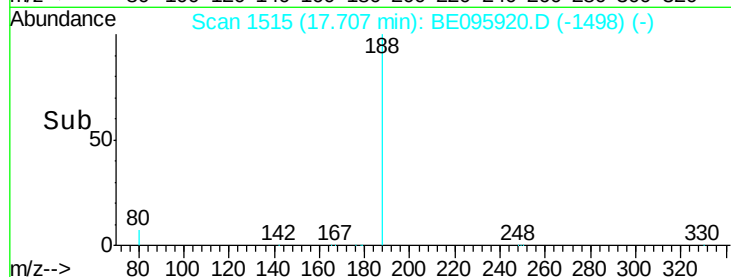
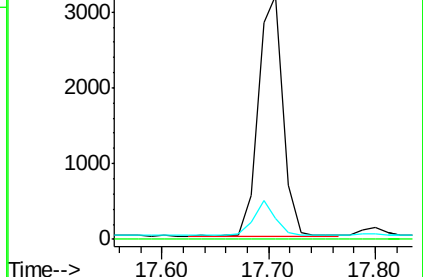
80 8.7 3.6 5.4#



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: 0.396 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

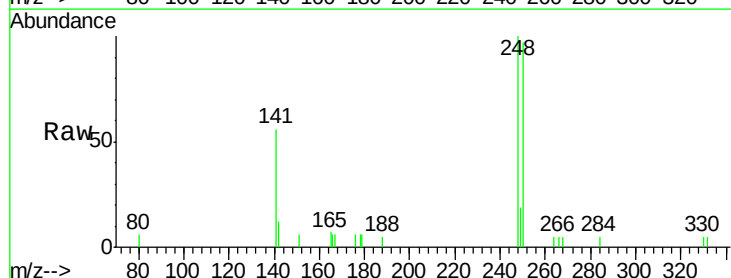
Tgt Ion:248 Resp: 1210

Ion Ratio Lower Upper

248 100

250 97.5 62.7 94.1#

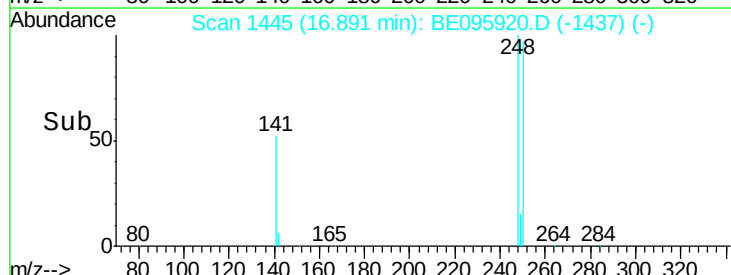
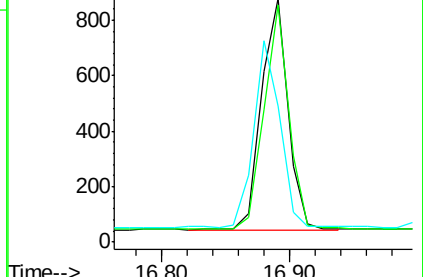
141 55.7 48.2 72.2

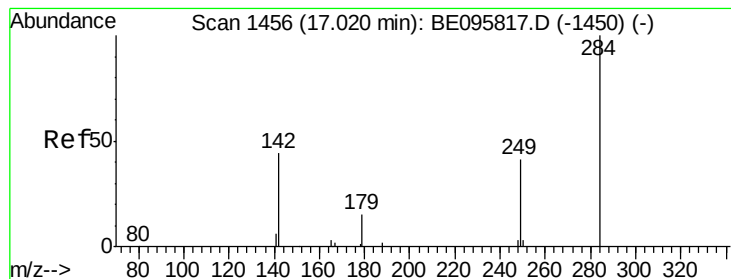


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.380 ng

RT: 17.02 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

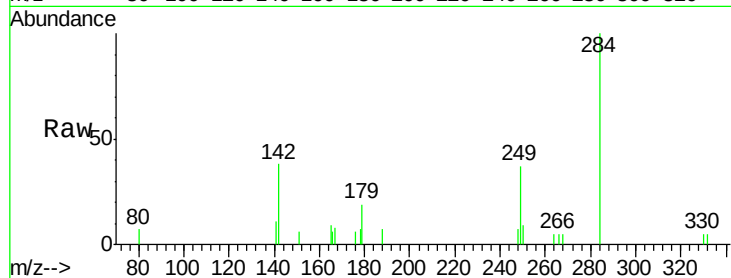
Tot Ion:284 Resp: 1160

Ion Ratio Lower Upper

284 100

142 42.8 22.1 33.1#

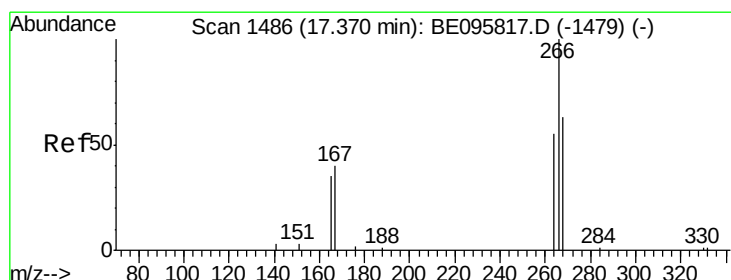
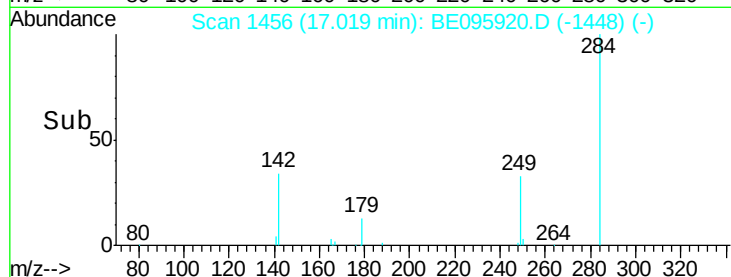
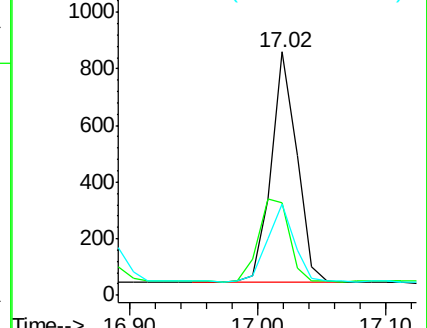
249 34.7 34.8 52.2#



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: 0.620 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

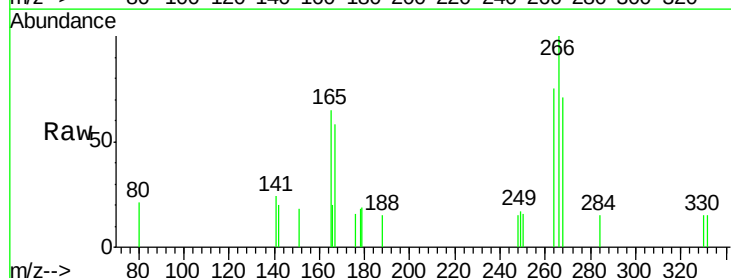
Tgt Ion:266 Resp: 564

Ion Ratio Lower Upper

266 100

264 75.3 72.5 108.7

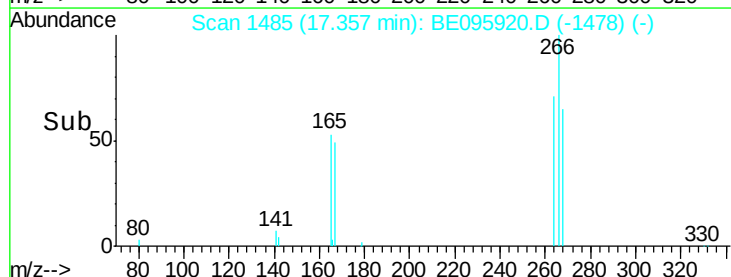
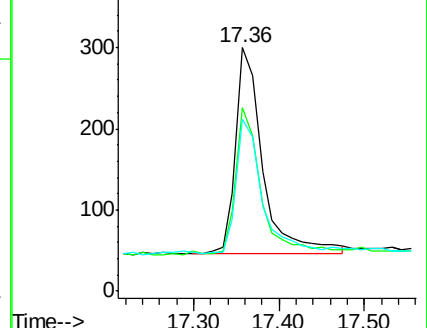
268 70.7 73.8 110.6#

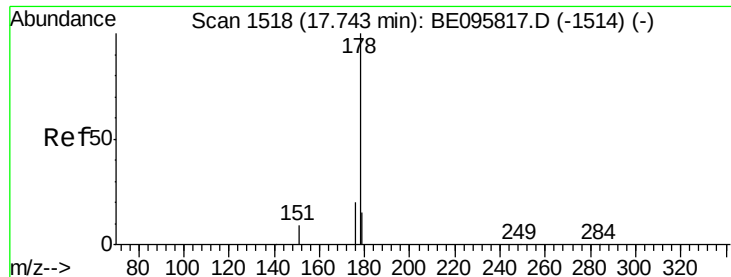


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.376 ng

RT: 17.74 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

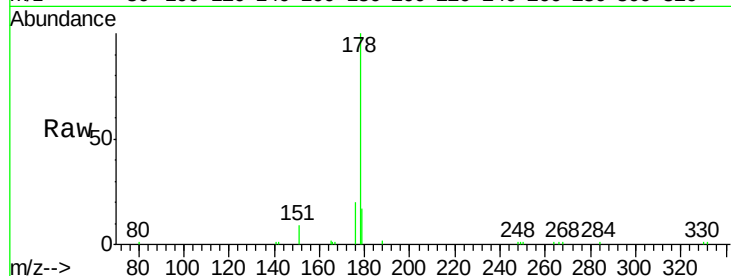
Tot Ion:178 Resp: 5718

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

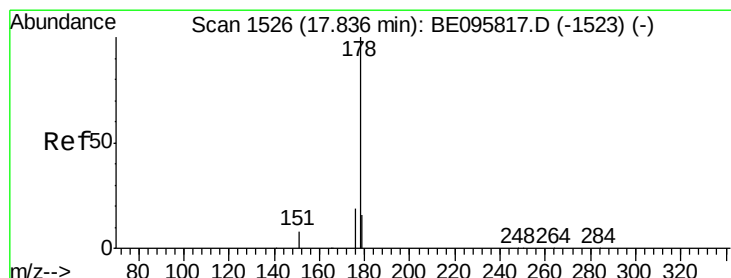
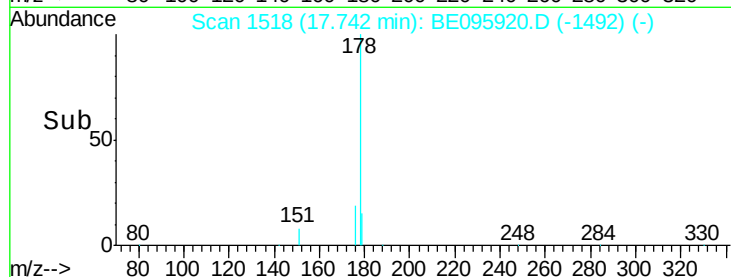
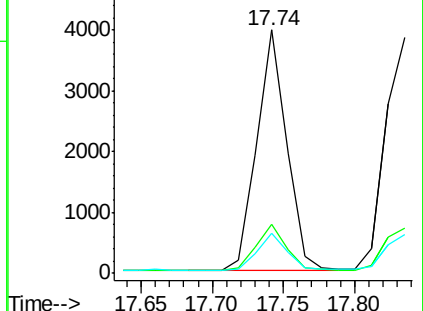
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.383 ng

RT: 17.83 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

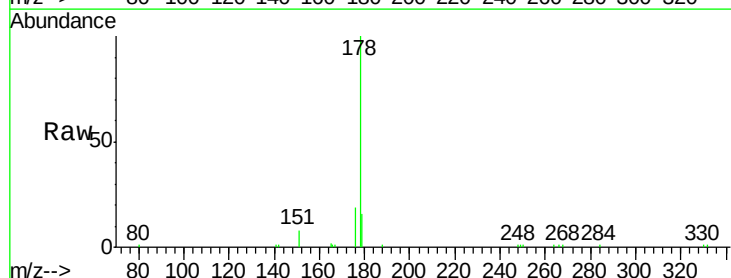
Tgt Ion:178 Resp: 5826

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

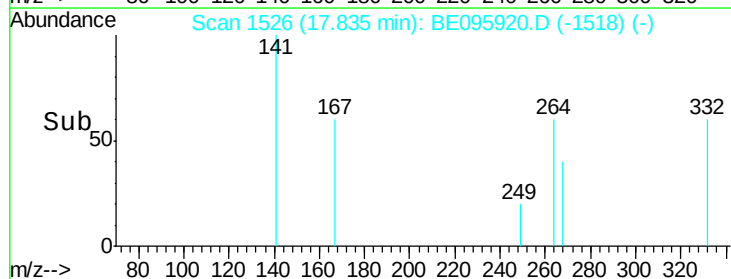
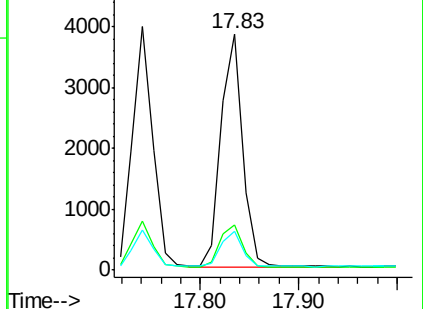
179 15.6 13.0 19.6

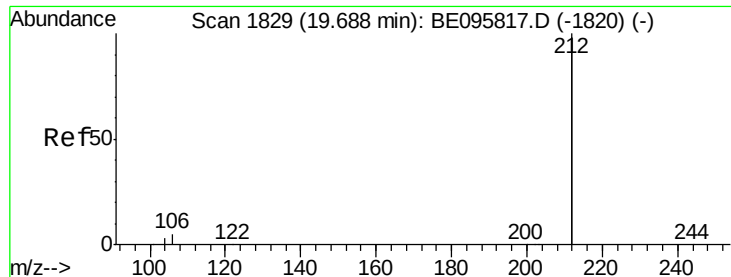


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

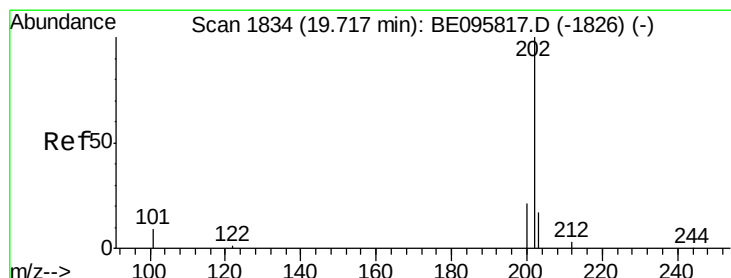
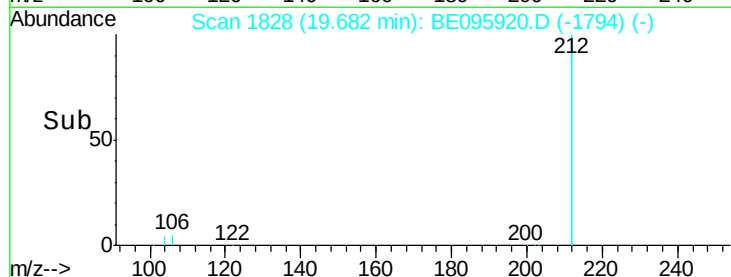
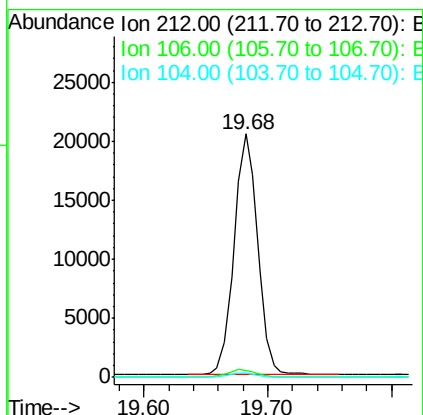
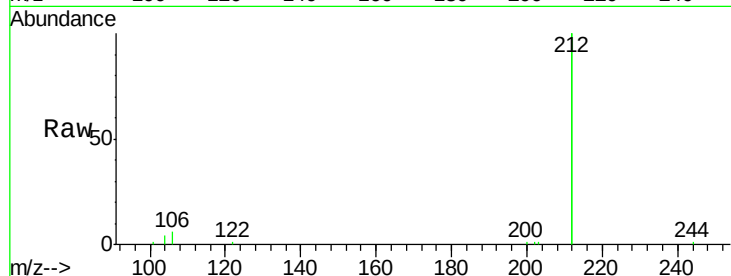




#25
 Fluoranthene-d10
 Concen: 0.359 ng
 RT: 19.68 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BE095920.D
 Acq: 2 Apr 2018 10:47

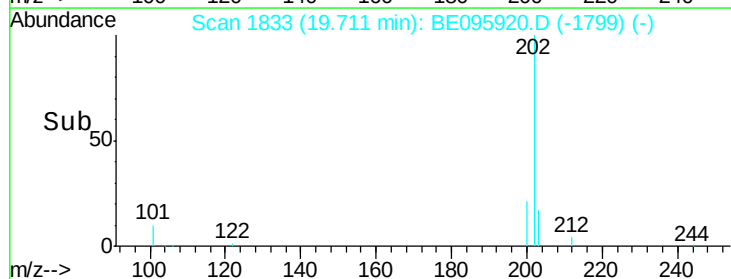
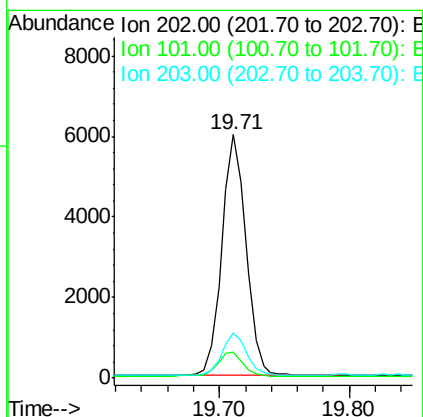
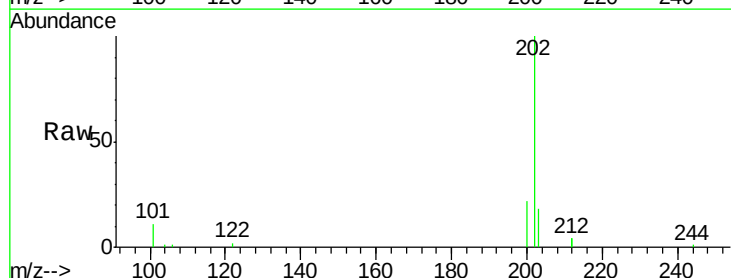
Instrument :
 BNA_E
 ClientSampleId :
 PB107832BS

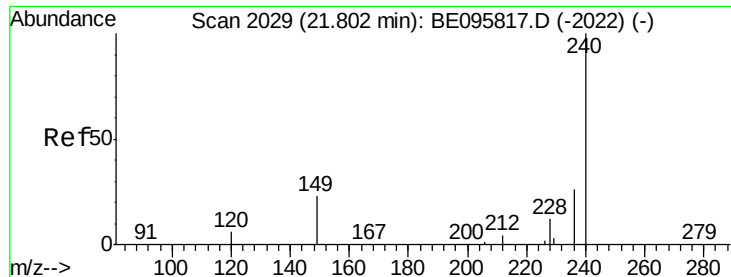
Tot Ion:212 Resp: 27126
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: 0.362 ng
 RT: 19.71 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE095920.D
 Acq: 2 Apr 2018 10:47

Tgt Ion:202 Resp: 7659
 Ion Ratio Lower Upper
 202 100
 101 10.5 9.8 14.8
 203 17.2 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

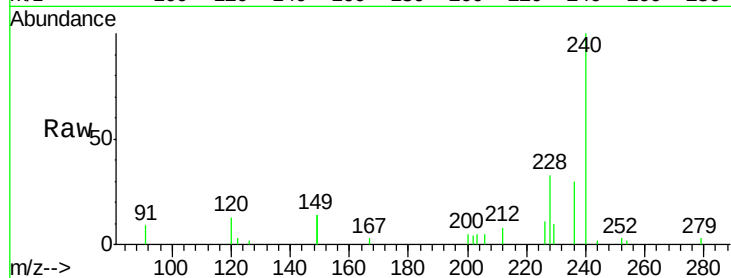
Tot Ion:240 Resp: 6169

Ion Ratio Lower Upper

240 100

120 13.0 5.5 8.3#

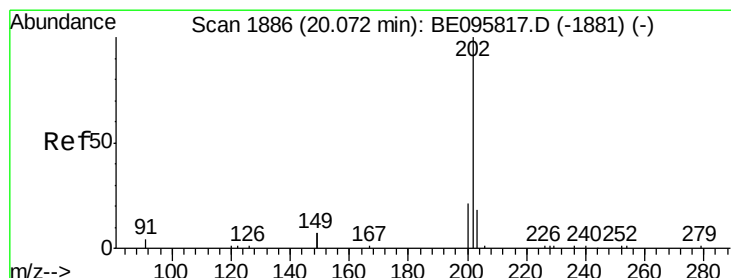
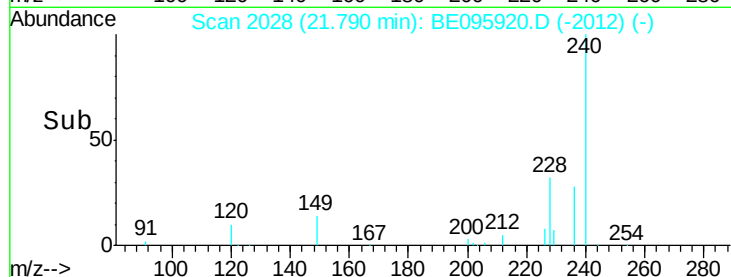
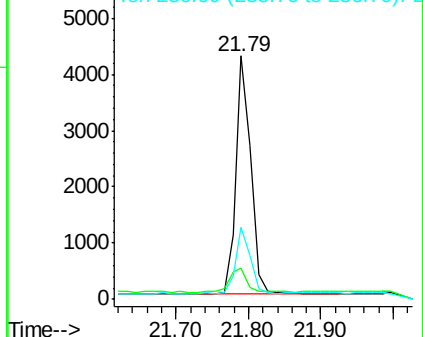
236 29.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.331 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

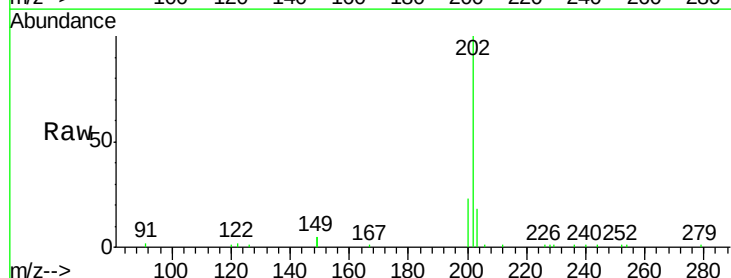
Tgt Ion:202 Resp: 8320

Ion Ratio Lower Upper

202 100

200 25.7 16.6 25.0#

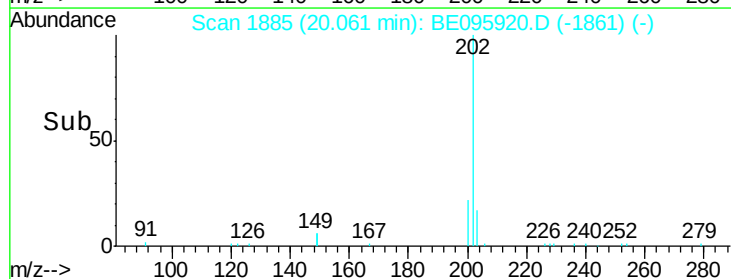
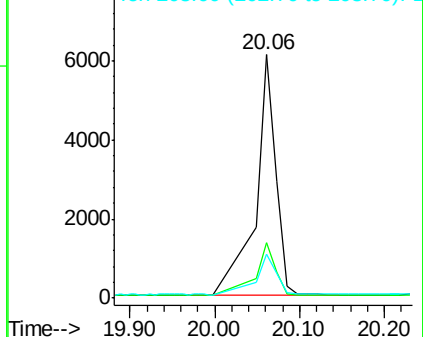
203 23.3 13.8 20.8#

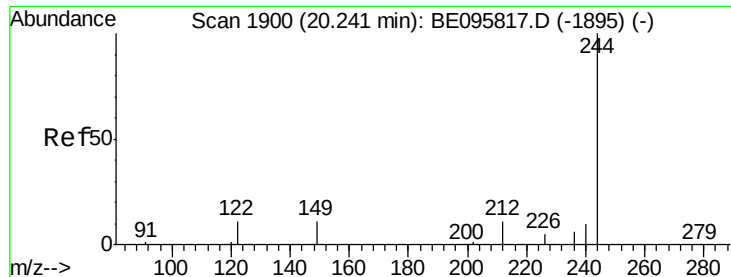


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.484 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

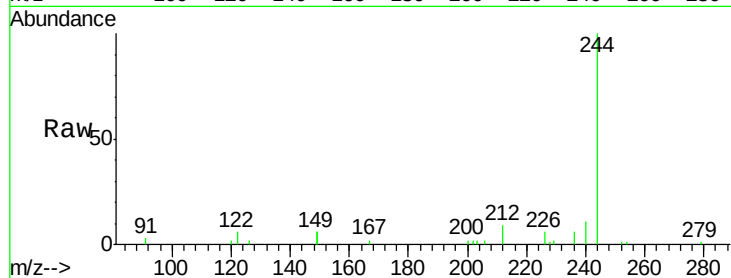
Tot Ion:244 Resp: 6345

Ion Ratio Lower Upper

244 100

212 8.8 25.4 38.0#

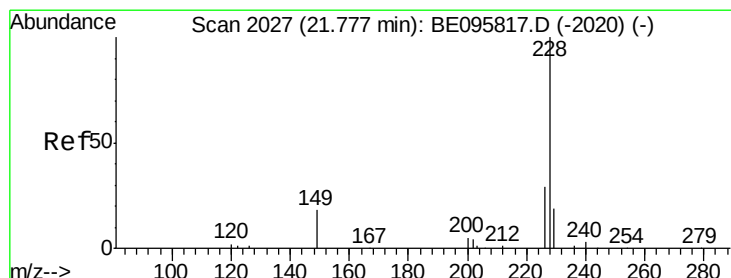
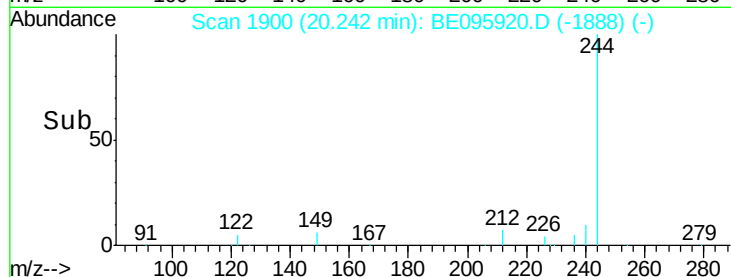
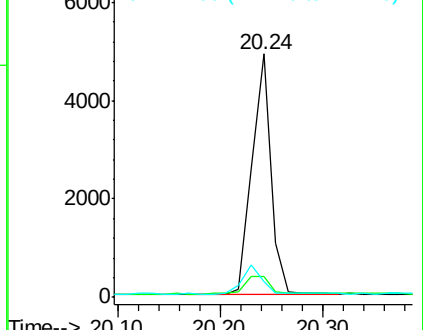
122 6.4 8.1 12.1#



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: 0.376 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

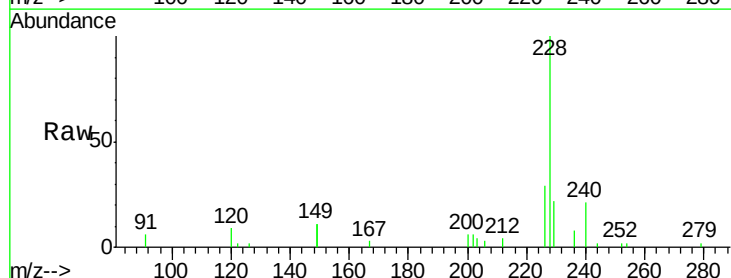
Tgt Ion:228 Resp: 8039

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

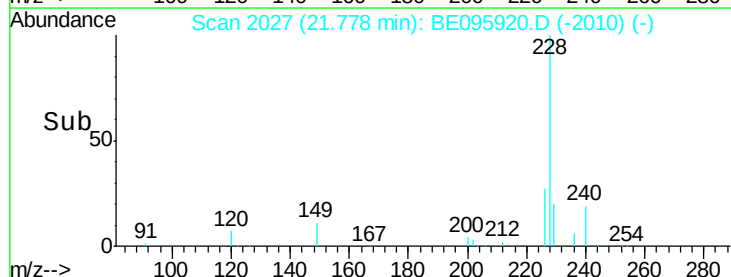
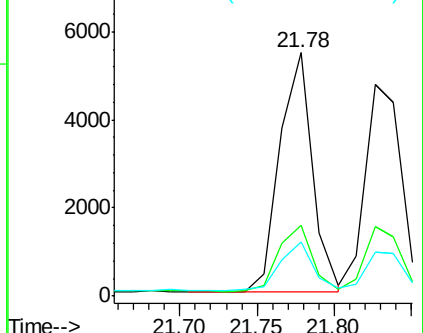
229 22.5 16.0 24.0

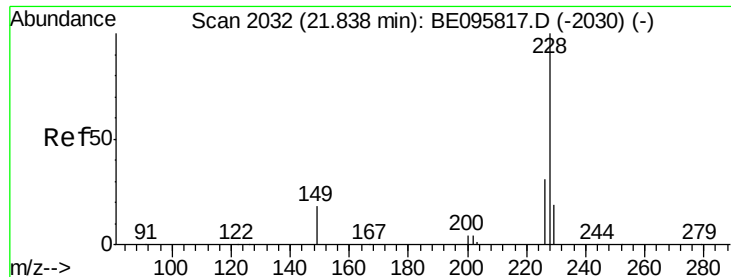


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.390 ng

RT: 21.83 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

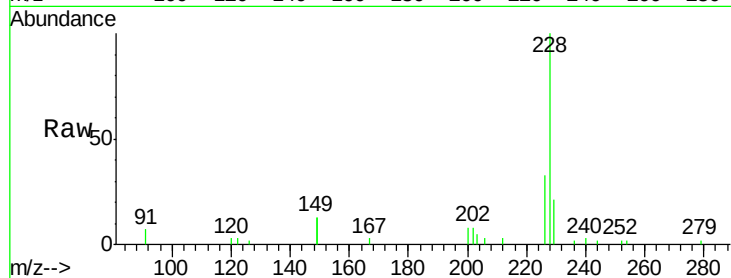
Tot Ion:228 Resp: 7610

Ion Ratio Lower Upper

228 100

226 33.1 24.0 36.0

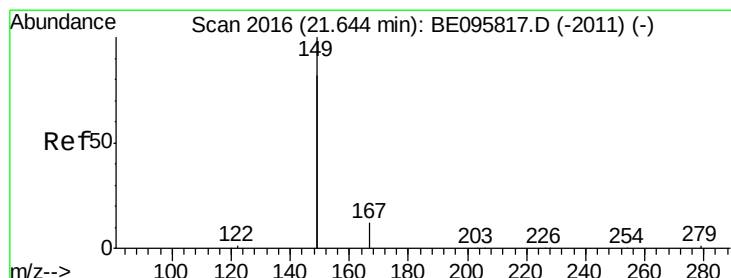
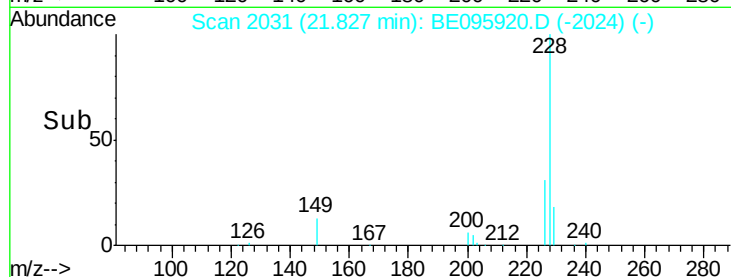
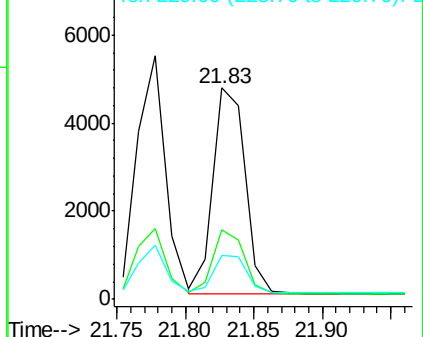
229 21.0 16.0 24.0



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: 0.315 ng

RT: 21.65 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

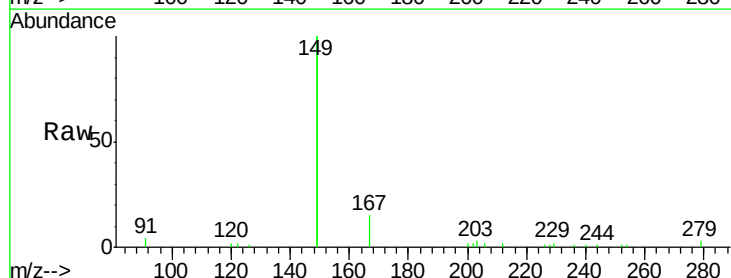
Tgt Ion:149 Resp: 20630

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

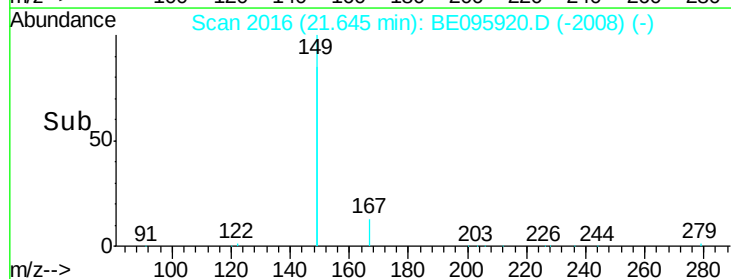
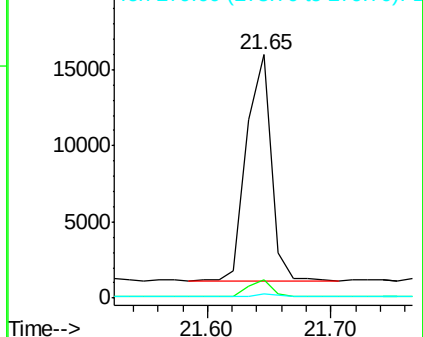
279 0.9 0.7 1.1

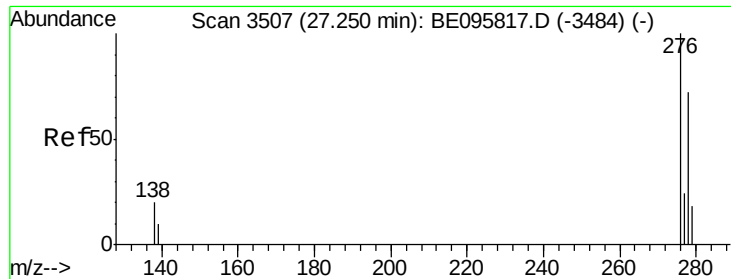


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

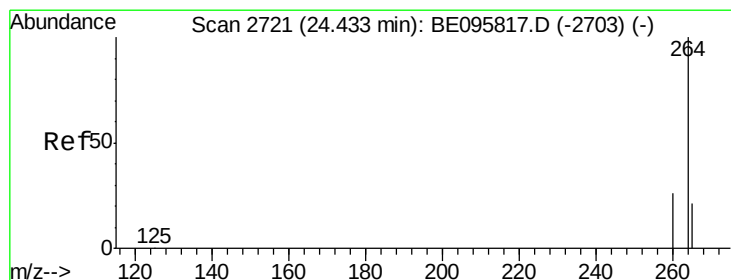
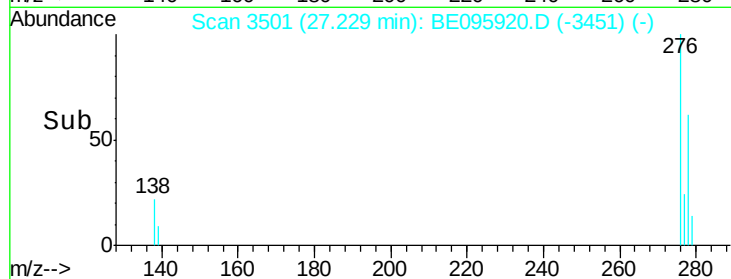
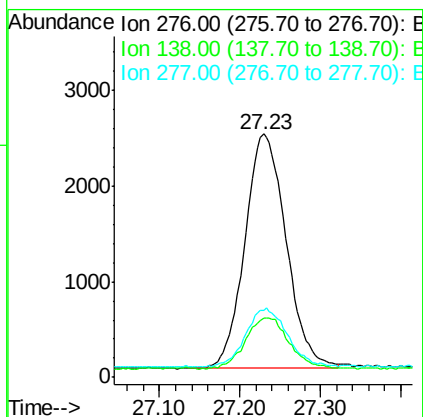
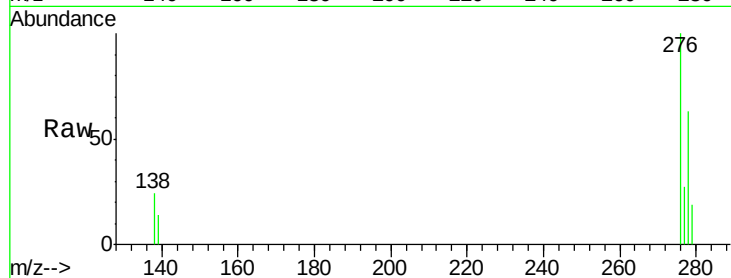




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng
RT: 27.23 min Scan# 3501
Delta R.T. -0.02 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

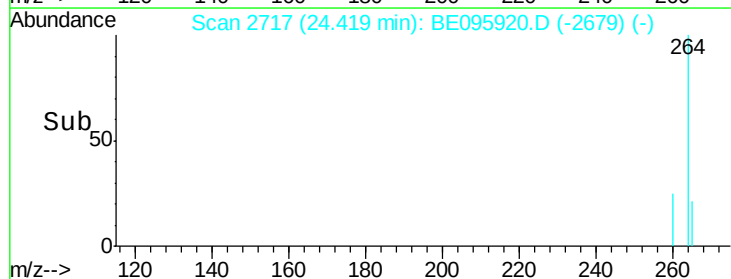
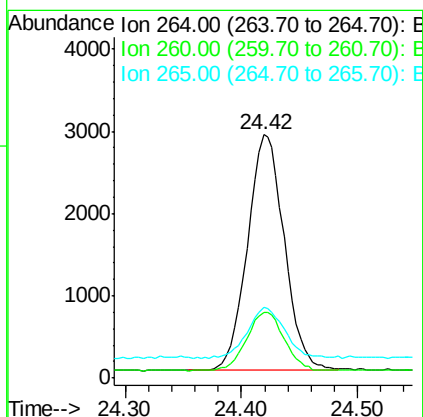
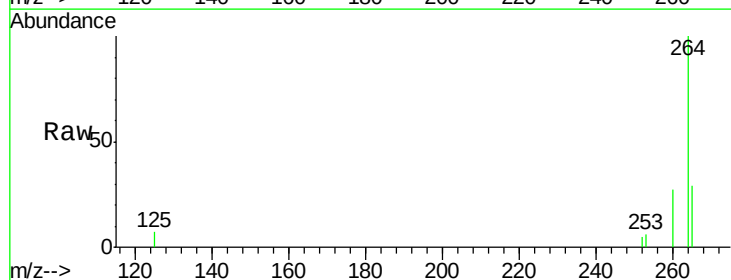
Instrument :
BNA_E
ClientSampleId :
PB107832BS

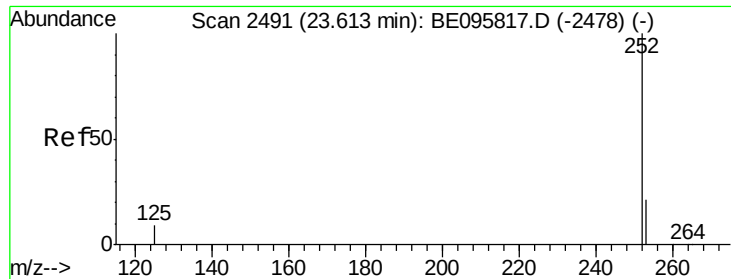
Tot Ion:276 Resp: 8771
Ion Ratio Lower Upper
276 100
138 23.3 22.5 33.7
277 25.5 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2717
Delta R.T. -0.01 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

Tgt Ion:264 Resp: 6302
Ion Ratio Lower Upper
264 100
260 27.0 20.5 30.7
265 28.9 22.8 34.2

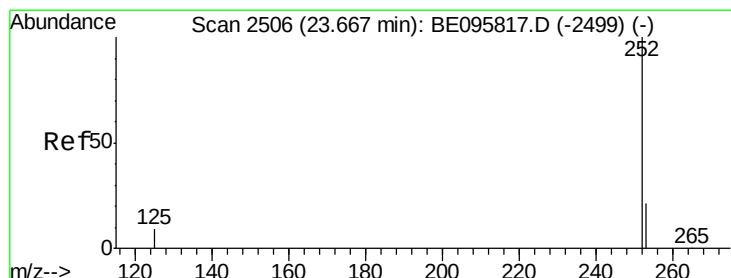
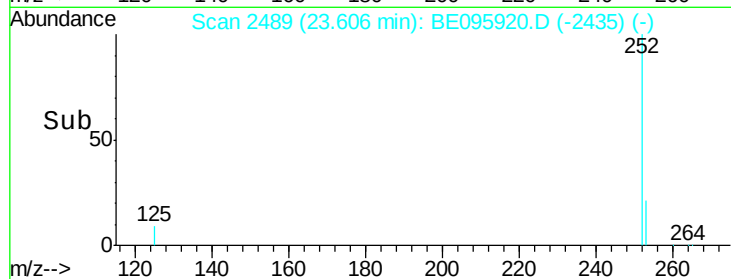
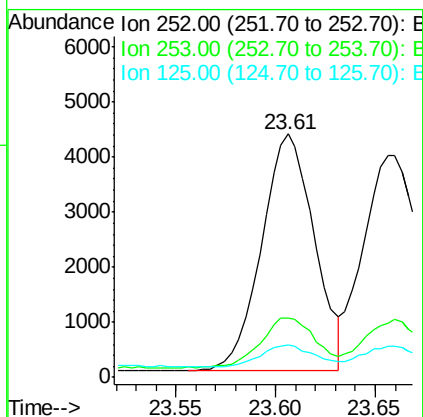
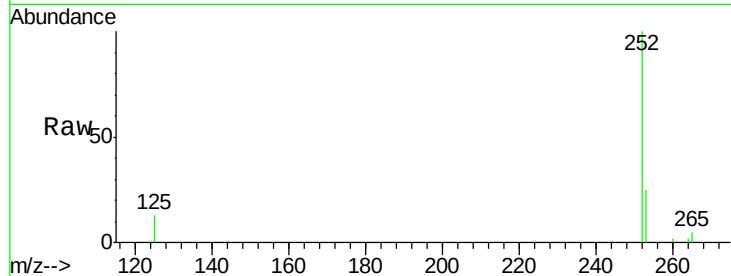




#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.61 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

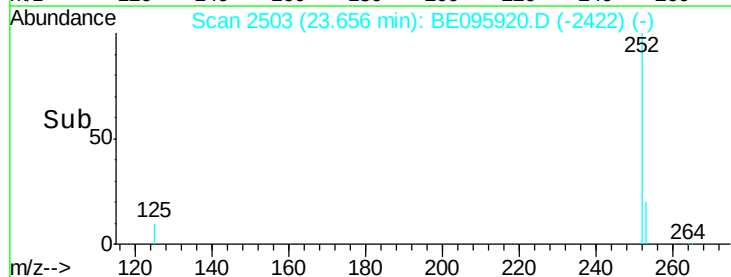
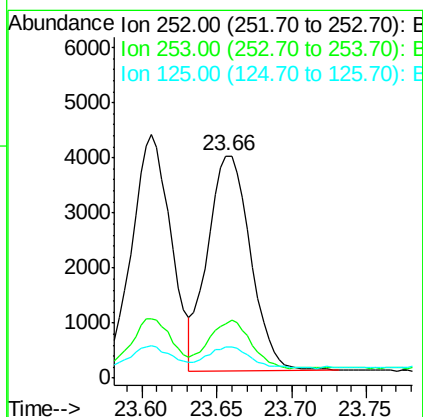
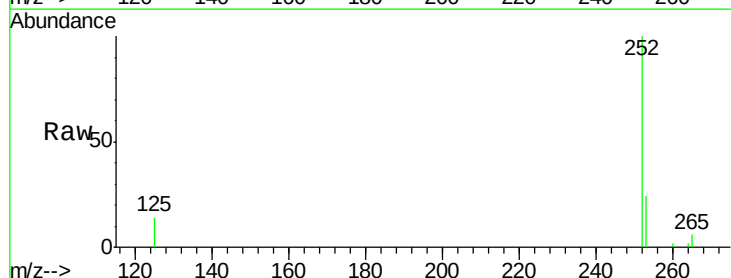
Instrument :
BNA_E
ClientSampleId :
PB107832BS

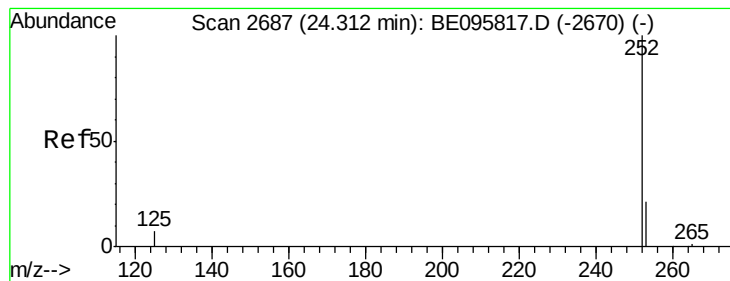
Tot Ion:252 Resp: 7890
Ion Ratio Lower Upper
252 100
253 24.6 20.0 30.0
125 13.1 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 23.66 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BE095920.D
Acq: 2 Apr 2018 10:47

Tgt Ion:252 Resp: 7753
Ion Ratio Lower Upper
252 100
253 24.5 16.0 24.0#
125 13.9 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 24.30 min Scan# 2684

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS

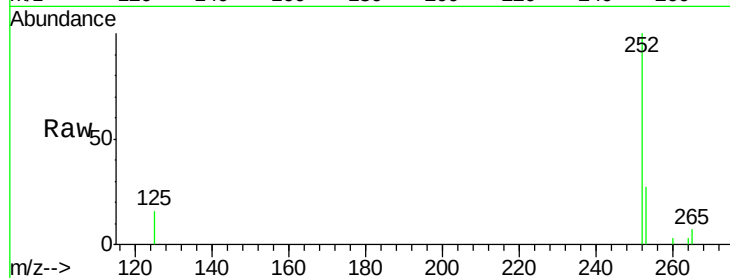
Tot Ion:252 Resp: 7633

Ion Ratio Lower Upper

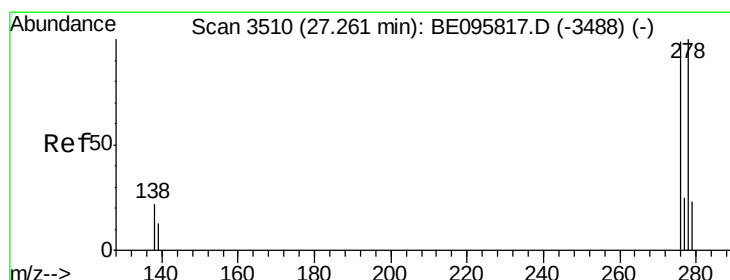
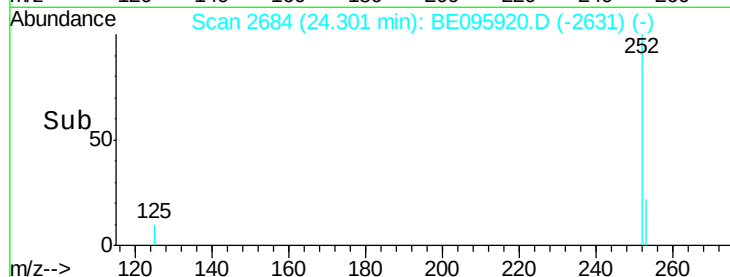
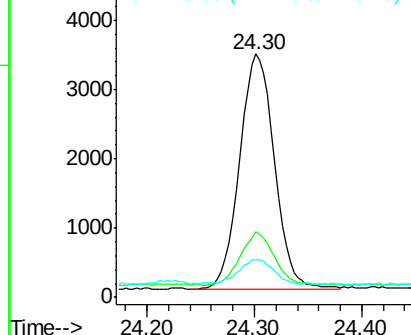
252 100

253 27.0 16.0 24.0#

125 15.5 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: 0.381 ng

RT: 27.25 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BE095920.D

Acq: 2 Apr 2018 10:47

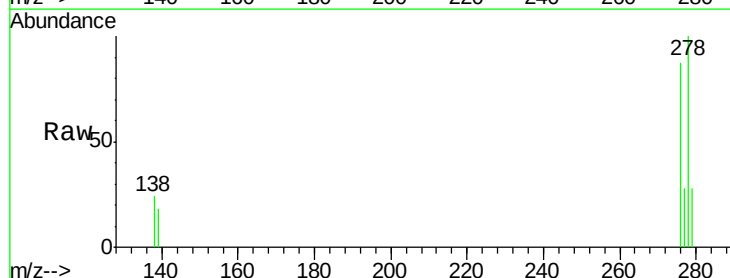
Tgt Ion:278 Resp: 7066

Ion Ratio Lower Upper

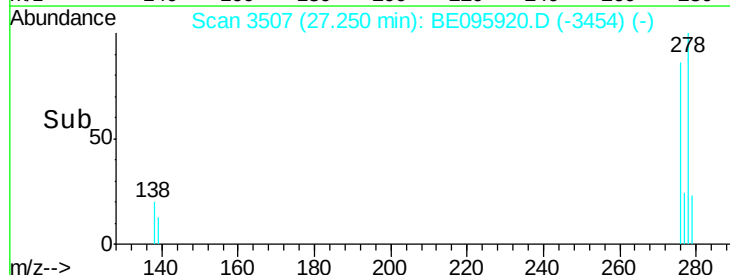
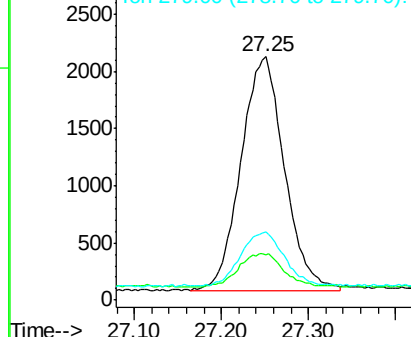
278 100

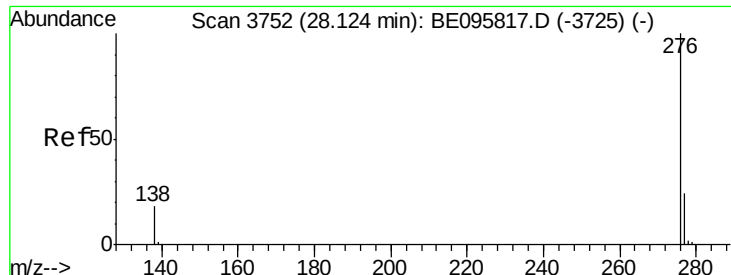
139 18.3 16.0 24.0

279 27.8 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: 0.396 ng

RT: 28.11 min Scan# 3747

Delta R.T. -0.02 min

Lab File: BE095920.D

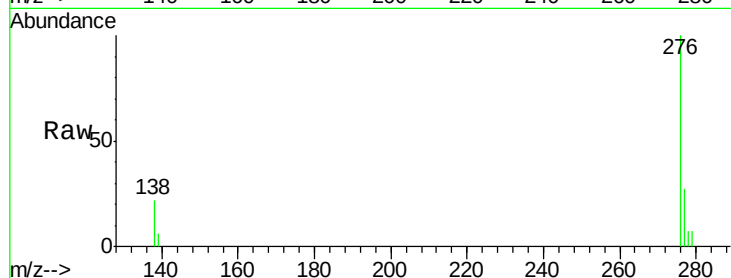
Acq: 2 Apr 2018 10:47

Instrument :

BNA_E

ClientSampleId :

PB107832BS



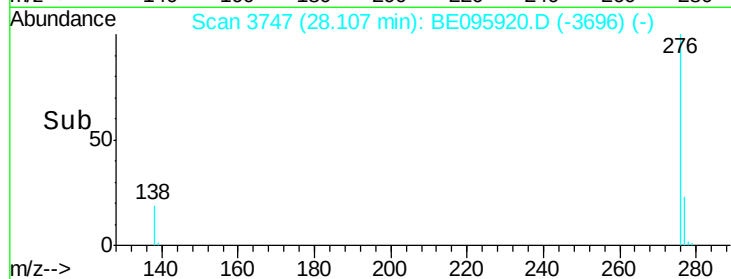
Tot Ion:276 Resp: 7388

Ion Ratio Lower Upper

276 100

277 27.3 16.0 24.0#

138 22.1 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

