

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE032318\
 Data File : BE095816.D
 Acq On : 23 Mar 2018 9:22
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 23 10:57:58 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 10:57:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	973	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	3787	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2274	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5773	0.40	ng	0.00
27) Chrysene-d12	21.80	240	6900	0.40	ng	0.00
34) Perylene-d12	24.43	264	6782	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	642	0.25	ng	0.00
5) Phenol-d6	7.57	99	873	0.25	ng	0.00
8) Nitrobenzene-d5	9.61	82	912	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	12.80	152	1231	0.19	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	263	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	1922	0.19	ng	0.00
25) Fluoranthene-d10	19.69	212	17011	0.23	ng	0.00
29) Terphenyl-d14	20.24	244	2899	0.21	ng	0.00

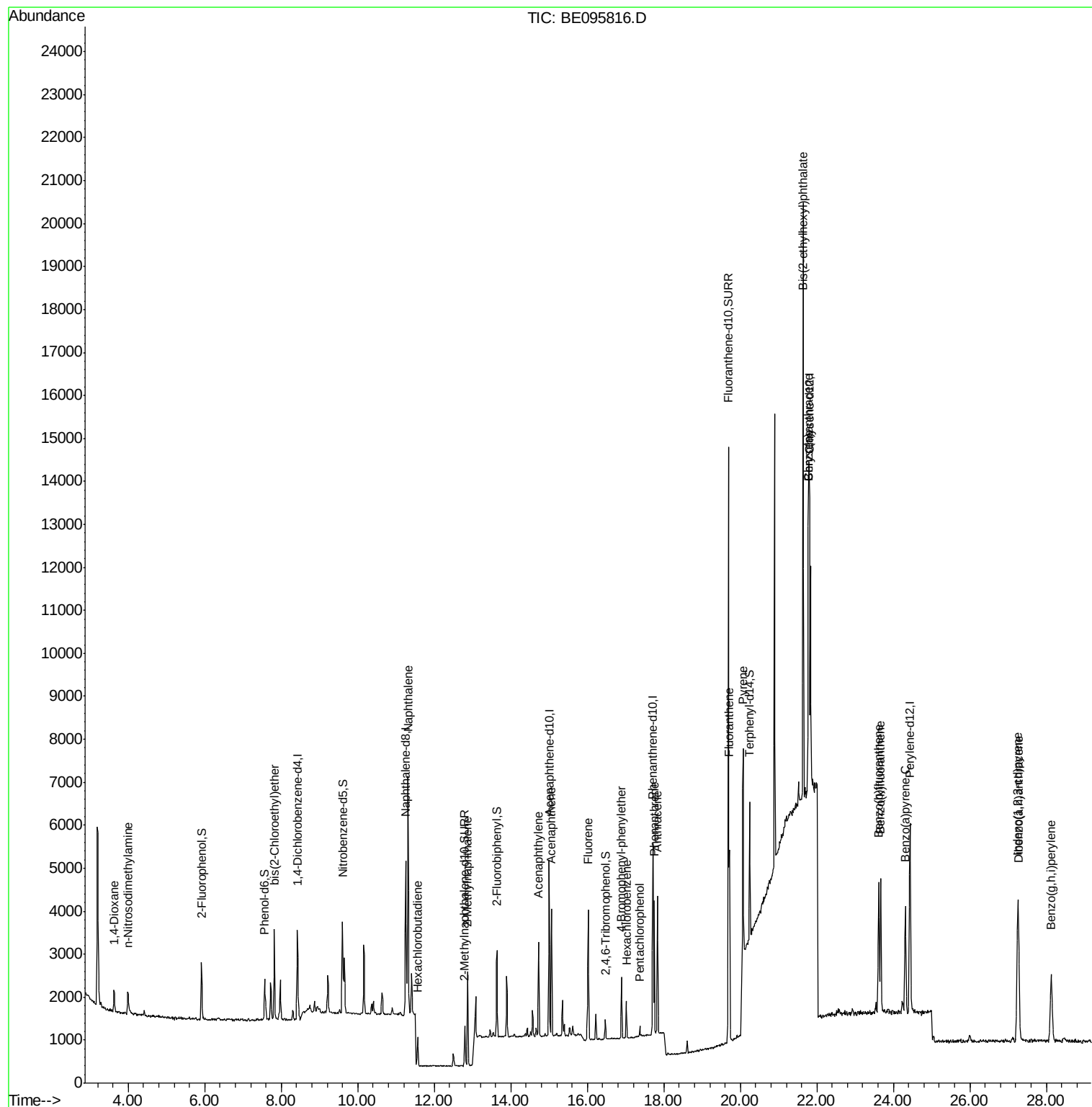
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.64	88	349	0.228	ng	# 88
3) n-Nitrosodimethylamine	3.99	42	429	0.226	ng	84
6) bis(2-Chloroethyl)ether	7.82	93	745	0.204	ng	94
9) Naphthalene	11.31	128	8731	0.200	ng	98
10) Hexachlorobutadiene	11.56	225	598	0.235	ng	95
12) 2-Methylnaphthalene	12.87	142	1463	0.194	ng	# 92
16) Acenaphthylene	14.73	152	2471	0.193	ng	98
17) Acenaphthene	15.06	154	1531	0.191	ng	93
18) Fluorene	16.03	166	2010	0.202	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	676	0.187	ng	# 70
21) Hexachlorobenzene	17.03	284	693	0.185	ng	# 87
22) Pentachlorophenol	17.37	266	163	0.188	ng	# 77
23) Phenanthrene	17.75	178	3408	0.189	ng	98
24) Anthracene	17.84	178	3431	0.207	ng	95
26) Fluoranthene	19.72	202	4778	0.215	ng	97
28) Pyrene	20.07	202	5853	0.207	ng	95
30) Benzo(a)anthracene	21.78	228	4958	0.220	ng	96
31) Chrysene	21.78	228	3931	0.176	ng	96
32) Bis(2-ethylhexyl)phthalate	21.65	149	15232	0.383	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.25	276	4914	0.227	ng	# 93
35) Benzo(b)fluoranthene	23.62	252	4458	0.185	ng	# 89
36) Benzo(k)fluoranthene	23.67	252	4452	0.185	ng	# 70
37) Benzo(a)pyrene	24.31	252	4171	0.192	ng	# 69
38) Dibenzo(a,h)anthracene	27.27	278	3949	0.204	ng	# 81
39) Benzo(g,h,i)perylene	28.12	276	4050	0.195	ng	# 80

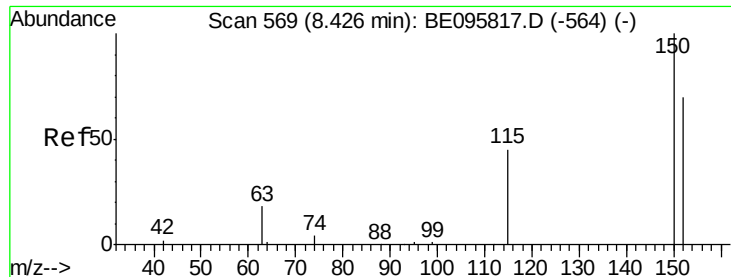
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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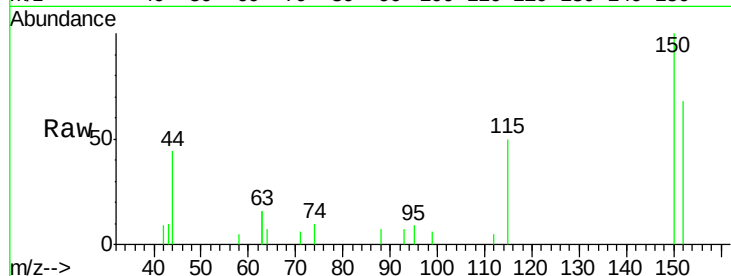


#1

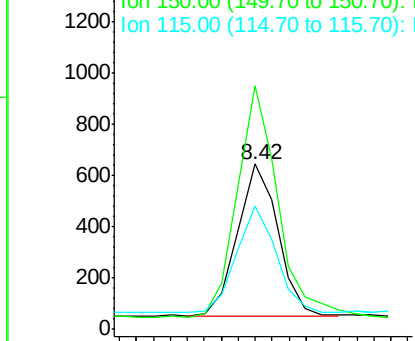
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Instrument :
BNA_E
ClientSampled :

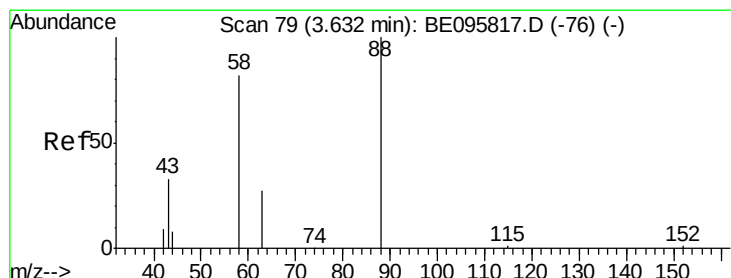
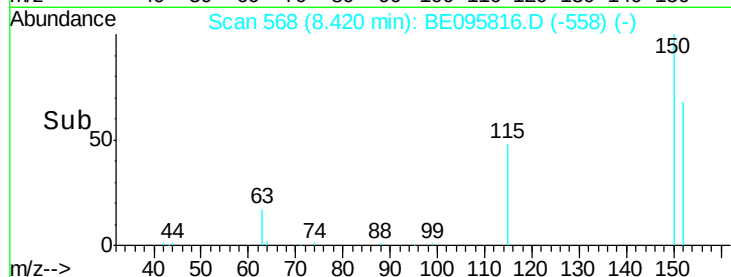
Tot Ion:152 Resp: 973
Ion Ratio Lower Upper
152 100
150 147.4 117.2 175.8
115 74.4 57.0 85.6



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



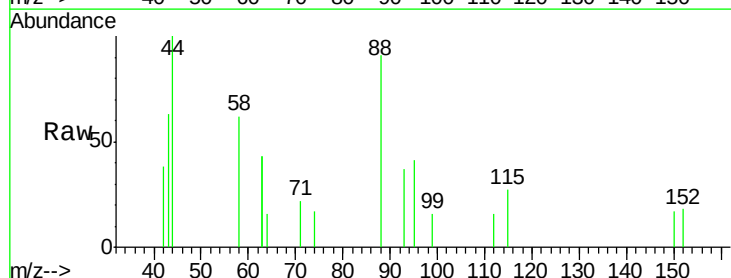
Time-->



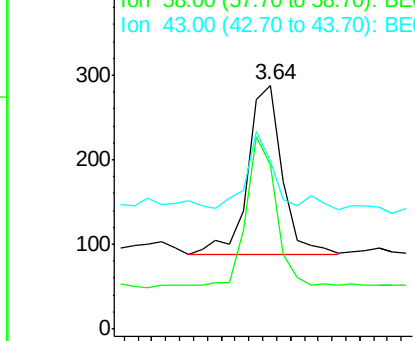
#2

1,4-Dioxane
Concen: 0.228 ng
RT: 3.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

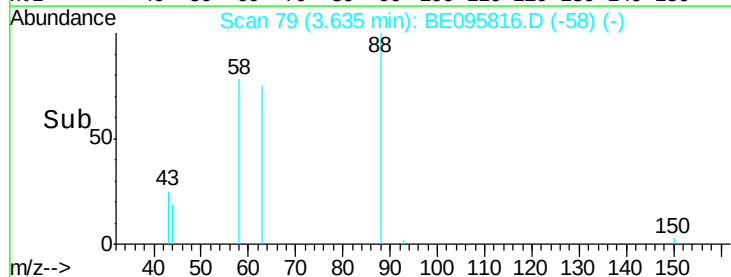
Tgt Ion: 88 Resp: 349
Ion Ratio Lower Upper
88 100
58 80.8 63.2 94.8
43 33.2 41.2 61.8#

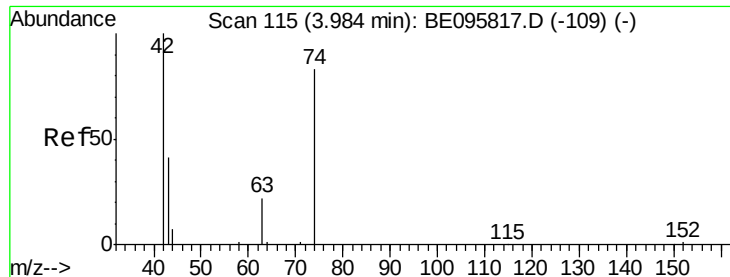


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->



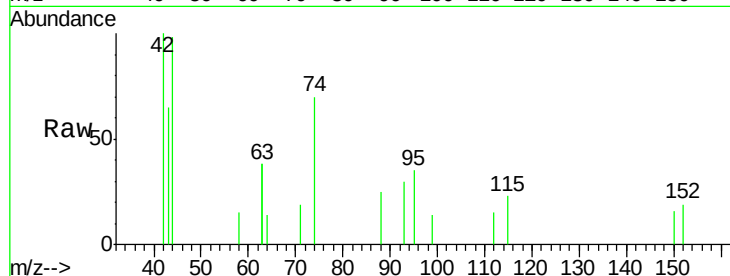


#3

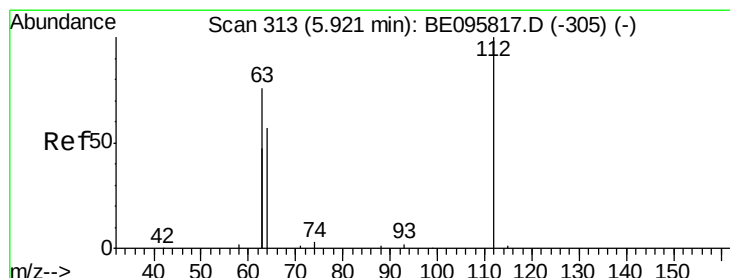
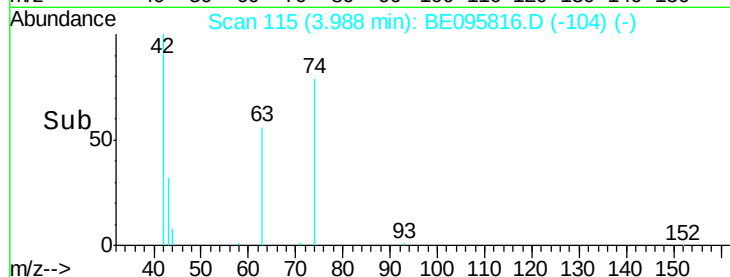
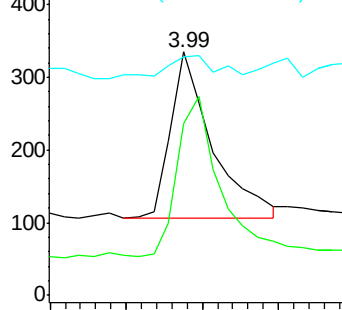
n-Nitrosodimethylamine
 Concen: 0.226 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095816.D
 Acq: 23 Mar 2018 9:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	100.2	96.0	144.0
44	17.5	12.0	18.0



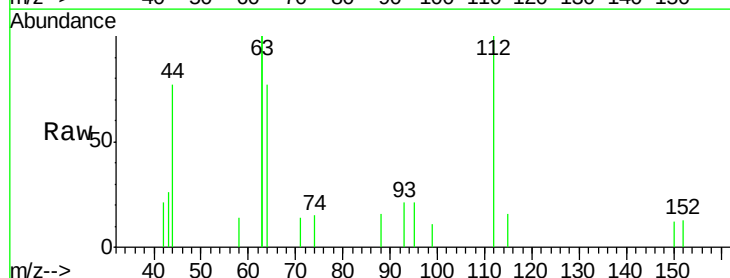
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



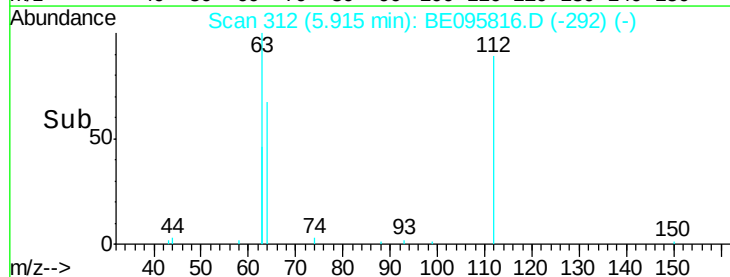
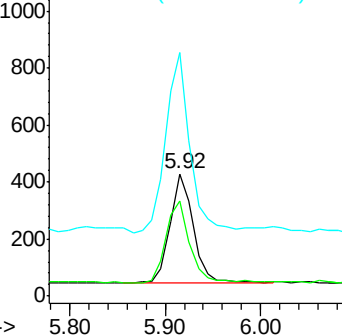
#4

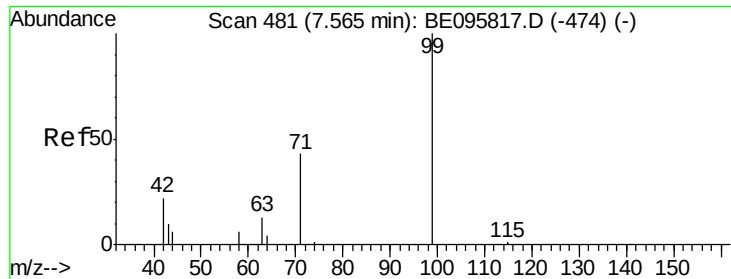
2-Fluorophenol
 Concen: 0.250 ng
 RT: 5.92 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095816.D
 Acq: 23 Mar 2018 9:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.3	60.1	90.1
63	177.7	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: 0.245 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

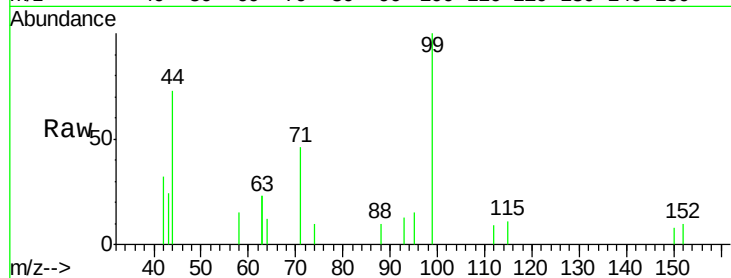
Tot Ion: 99 Resp: 873

Ion Ratio Lower Upper

99 100

42 28.6 20.2 30.2

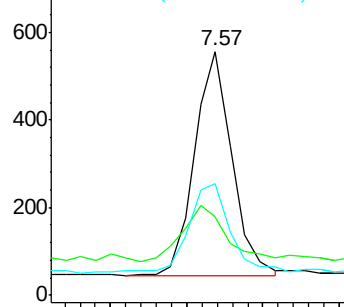
71 43.0 28.4 42.6#



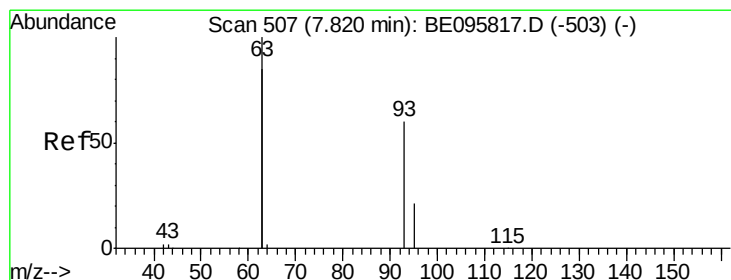
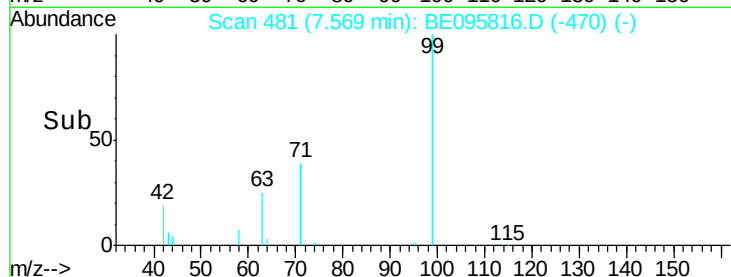
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.204 ng

RT: 7.82 min Scan# 507

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

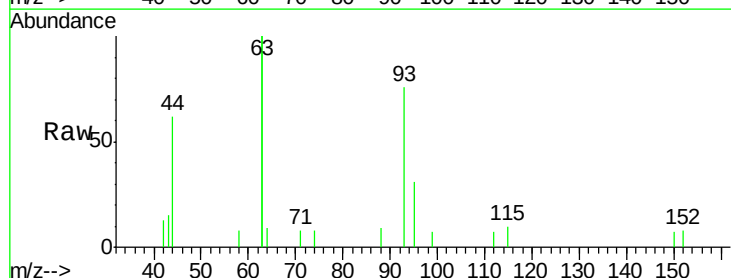
Tgt Ion: 93 Resp: 745

Ion Ratio Lower Upper

93 100

63 330.9 275.3 412.9

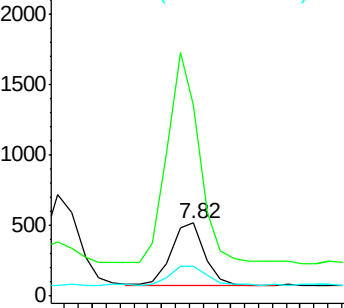
95 34.5 25.2 37.8



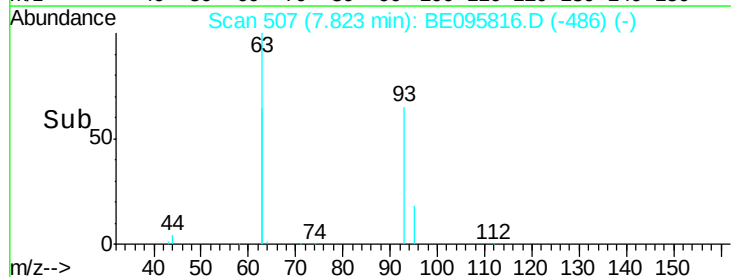
Abundance Ion 93.00 (92.70 to 93.70): BE0

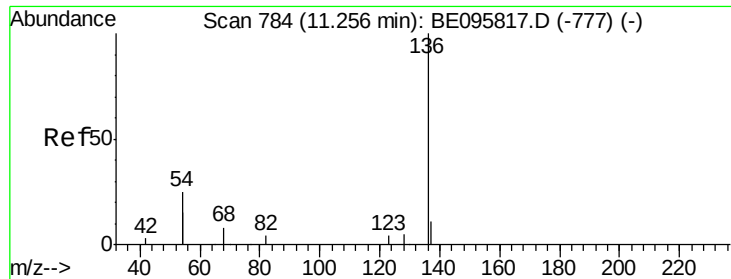
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3787

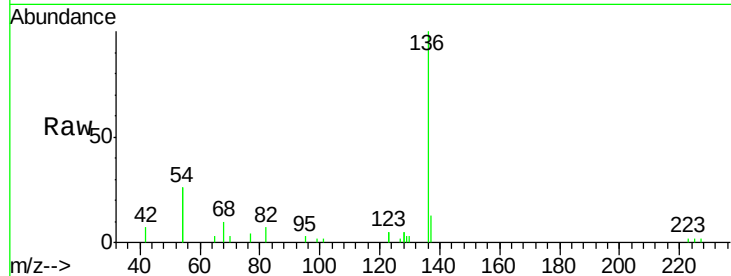
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 51.1 29.1 43.7#

68 10.1 6.2 9.2#

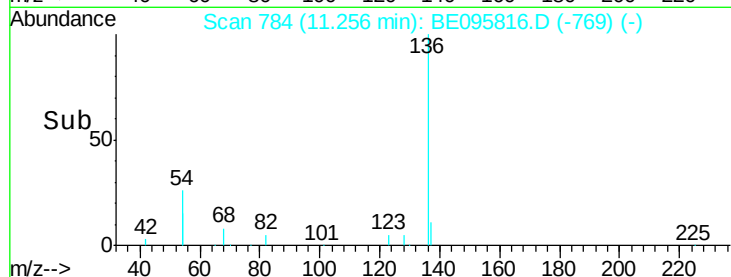


Abundance Ion 136.00 (135.70 to 136.70): E

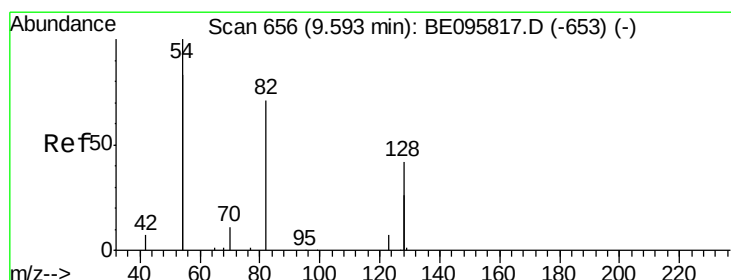
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.10 11.20 11.30 11.40



#8

Nitrobenzene-d5

Concen: 0.234 ng

RT: 9.61 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

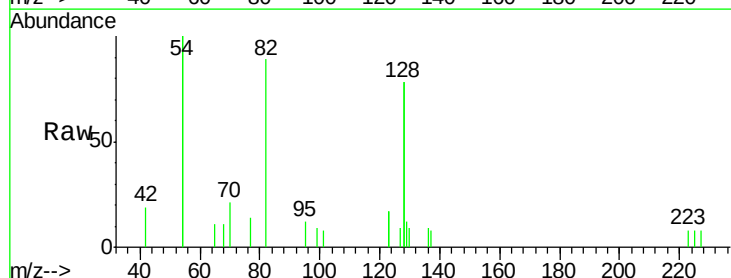
Tgt Ion: 82 Resp: 912

Ion Ratio Lower Upper

82 100

128 175.3 150.0 225.0

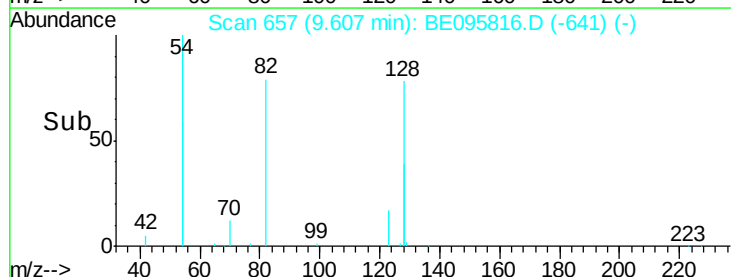
54 224.3 154.2 231.4



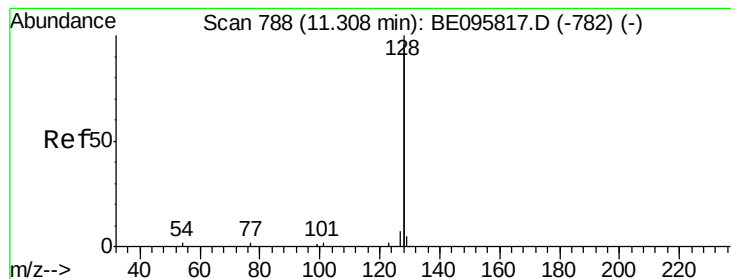
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 9.50 9.60 9.70 9.80



#9

Naphthalene

Concen: 0.200 ng

RT: 11.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

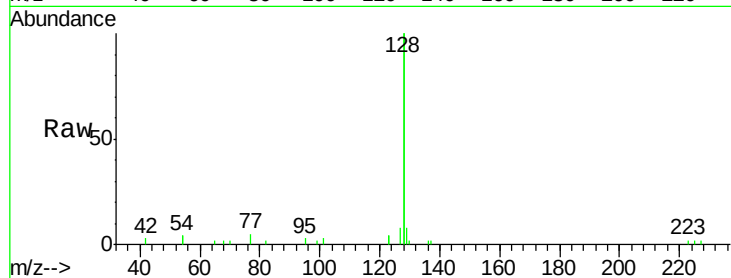
Tot Ion:128 Resp: 8731

Ion Ratio Lower Upper

128 100

129 3.8 2.6 3.8

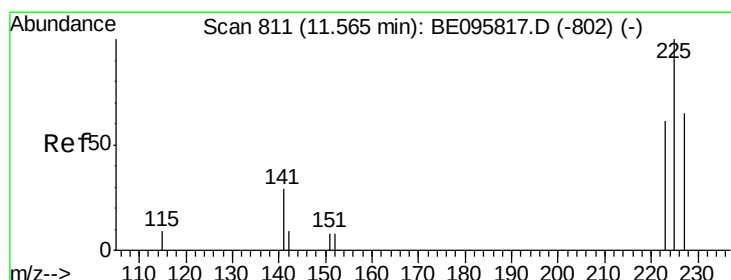
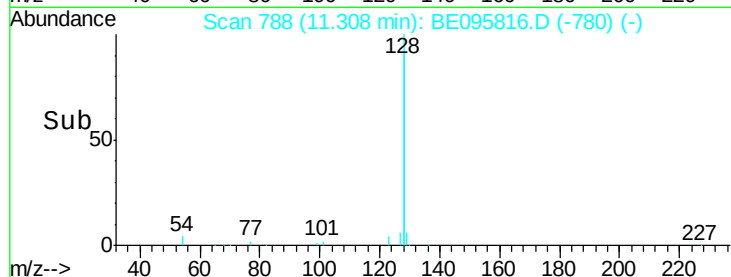
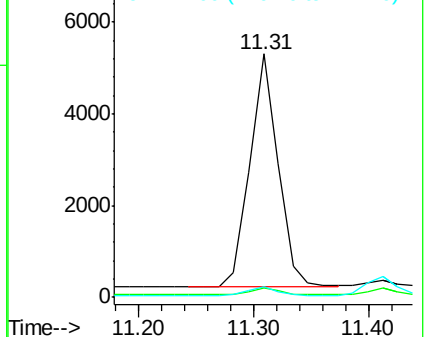
127 4.2 2.8 4.2



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: 0.235 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

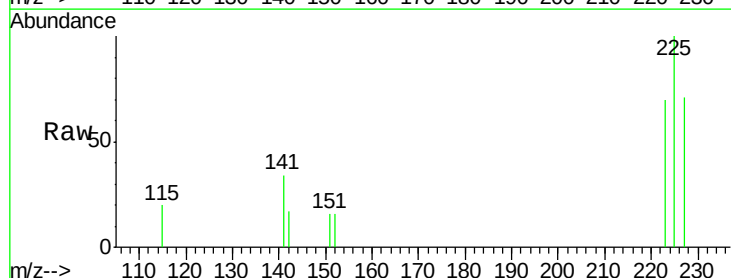
Tgt Ion:225 Resp: 598

Ion Ratio Lower Upper

225 100

223 60.5 53.0 79.6

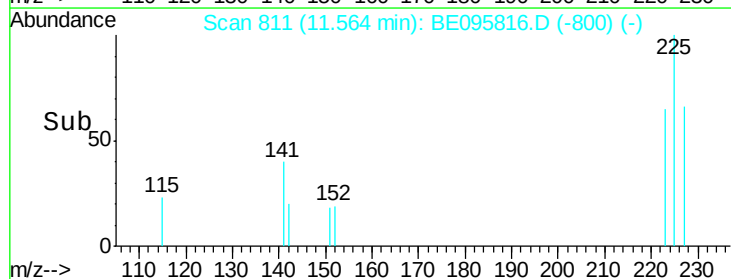
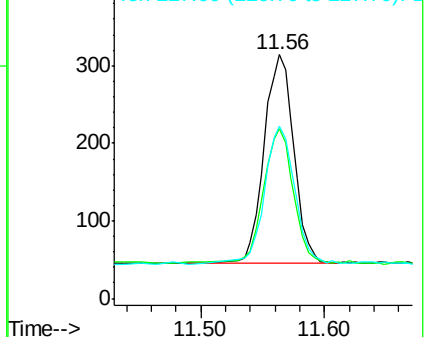
227 66.4 51.4 77.2

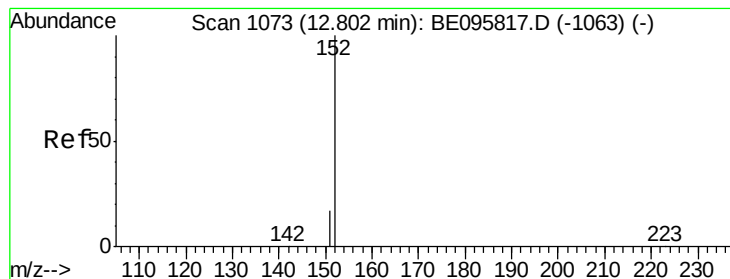


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.194 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

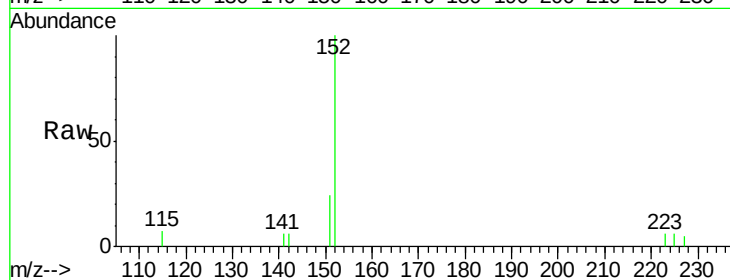
ClientSampleId :

Tot Ion:152 Resp: 1231

Ion Ratio Lower Upper

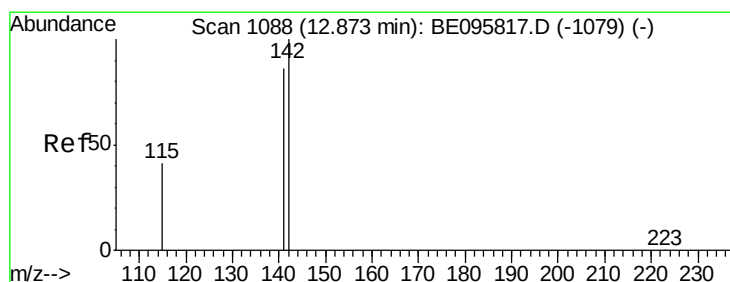
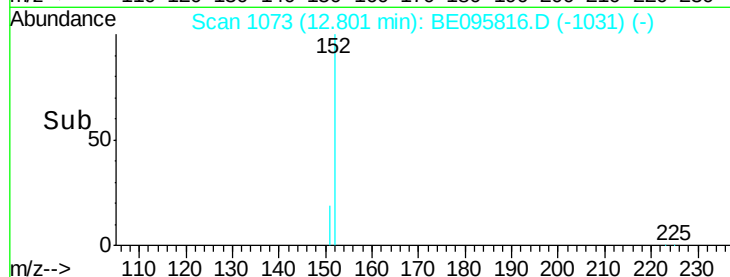
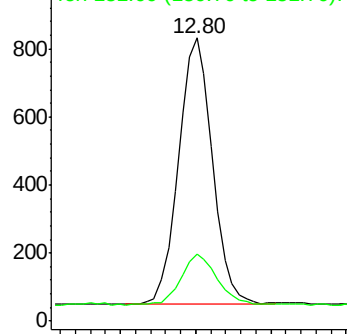
152 100

151 20.1 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: 0.194 ng

RT: 12.87 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

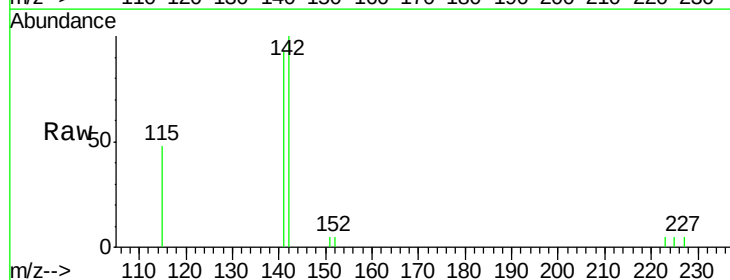
Tgt Ion:142 Resp: 1463

Ion Ratio Lower Upper

142 100

141 93.2 70.4 105.6

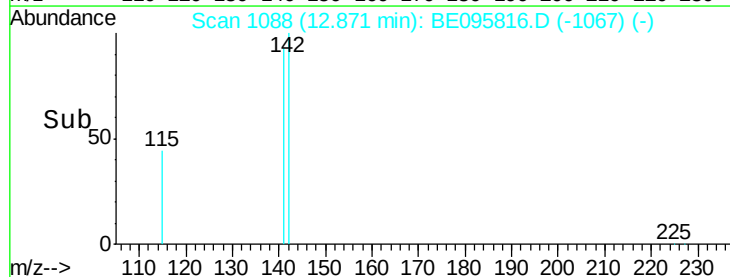
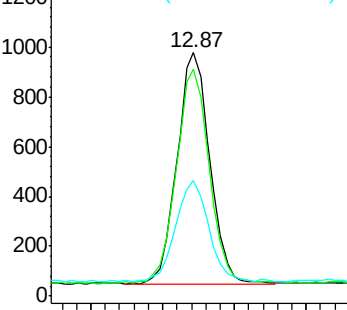
115 47.7 31.7 47.5#

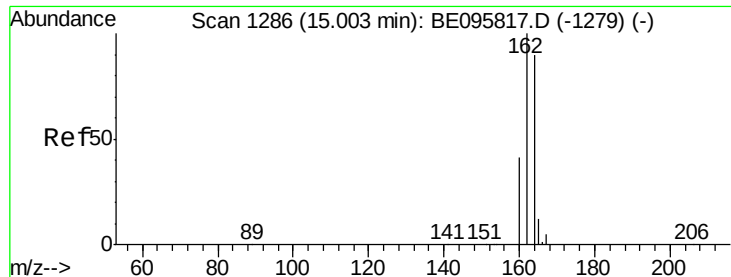


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

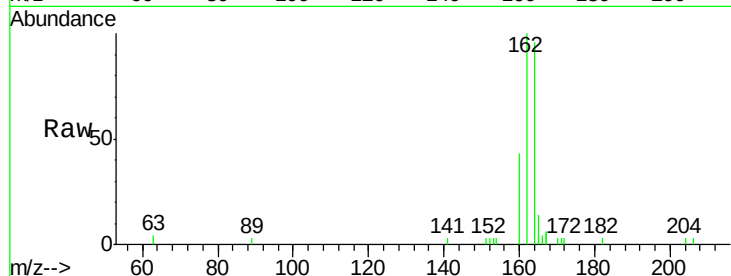
Tot Ion:164 Resp: 2274

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

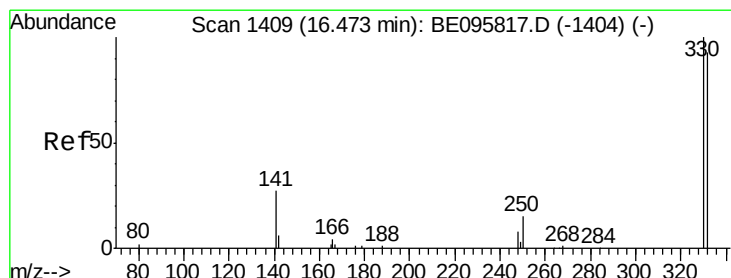
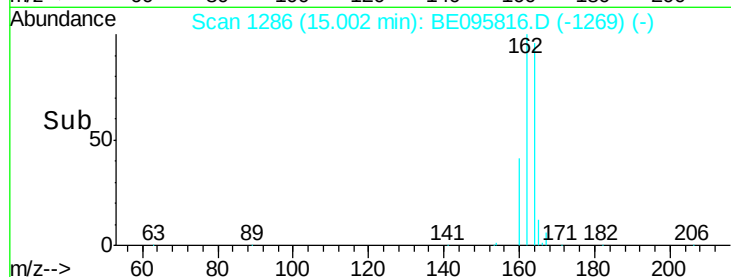
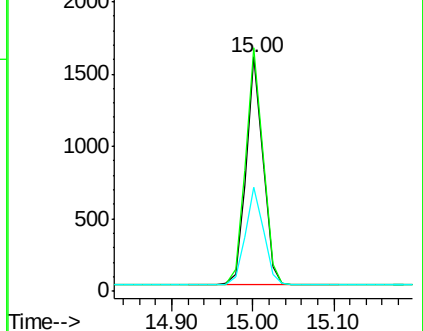
160 44.4 37.1 55.7



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: BE095816.D

Acq: 23 Mar 2018 9:22

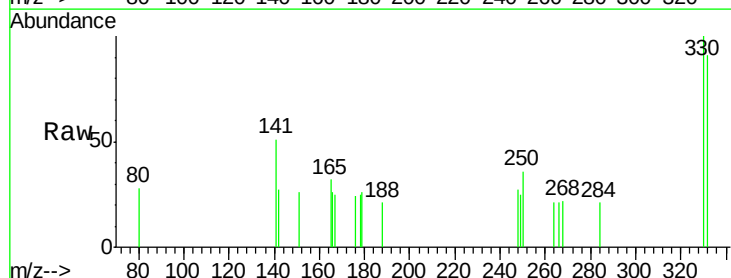
Tgt Ion:330 Resp: 263

Ion Ratio Lower Upper

330 100

332 85.2 152.7 229.1#

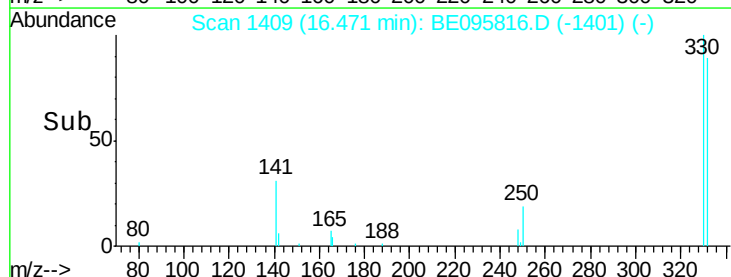
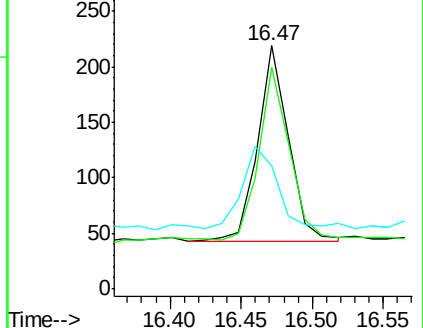
141 54.4 33.7 50.5#

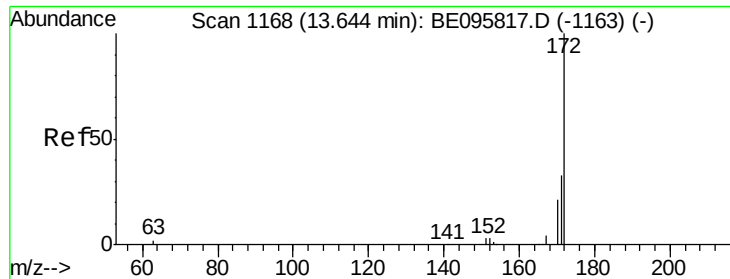


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

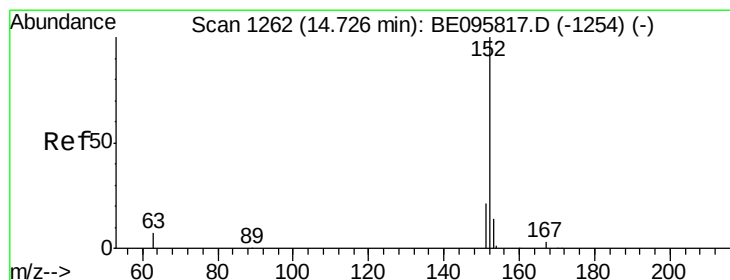
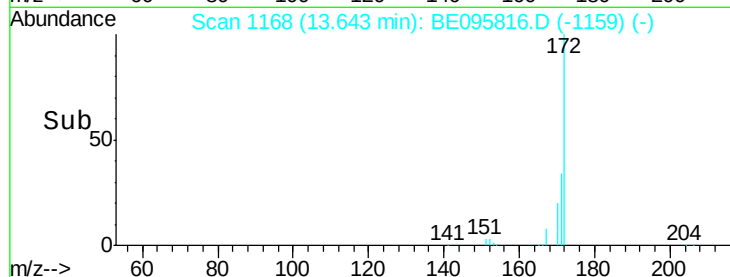
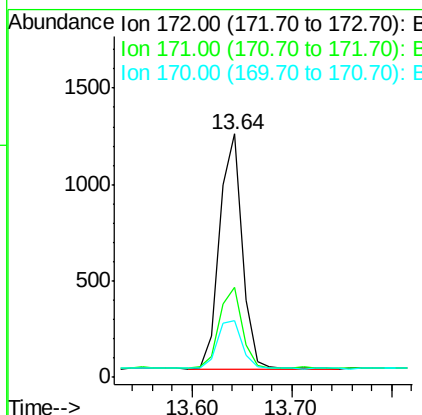
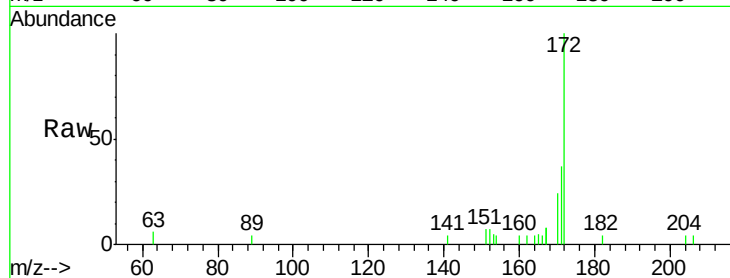




#15
2-Fluorobiphenyl
Concen: 0.189 ng
RT: 13.64 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

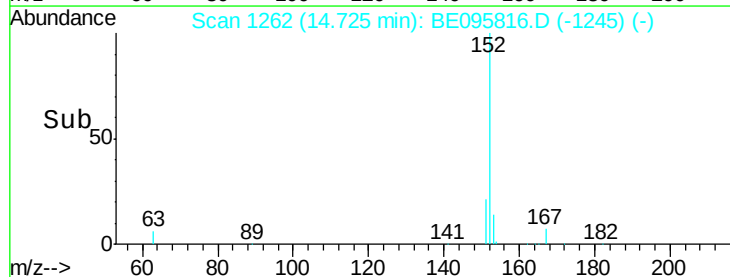
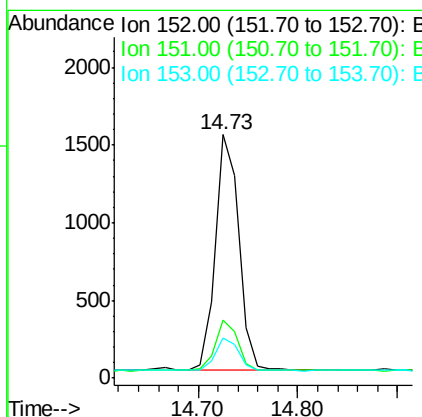
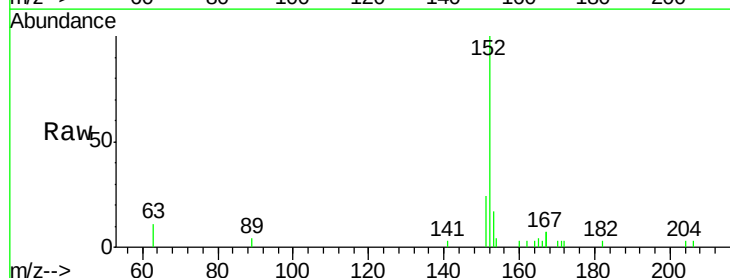
Instrument :
BNA_E
ClientSampleId :

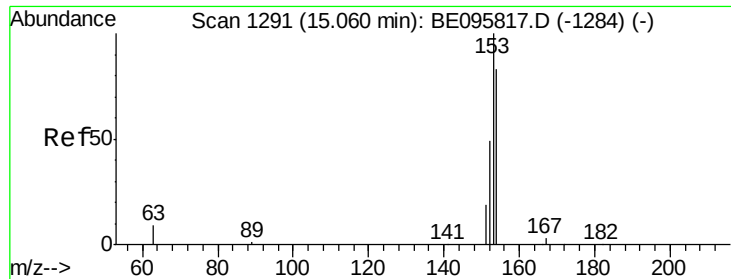
Tot Ion:172 Resp: 1922
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 23.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.193 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:152 Resp: 2471
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.3 10.5 15.7

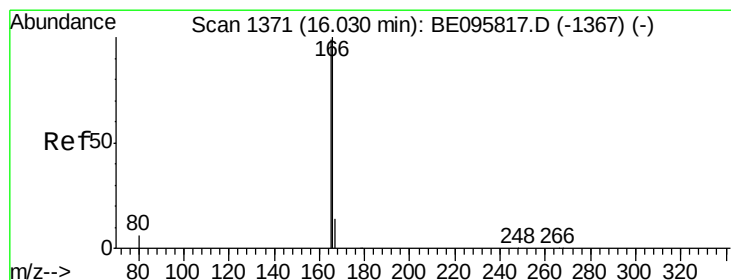
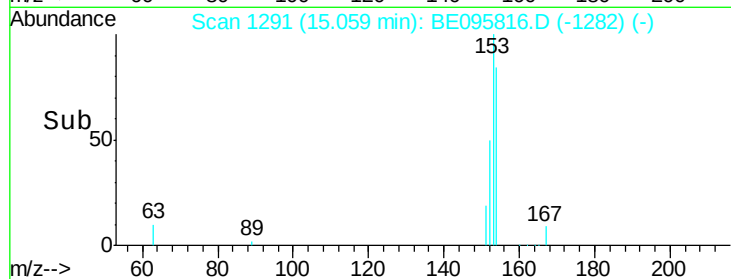
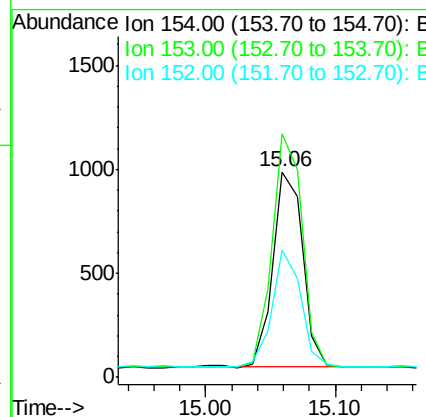
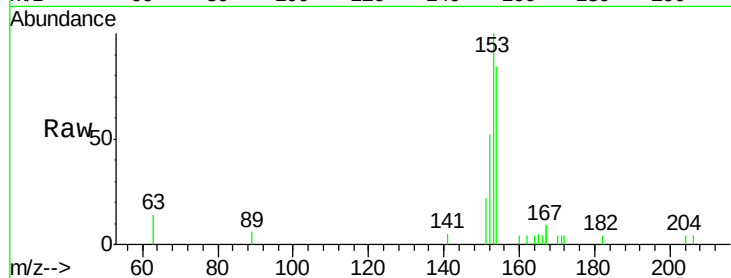




#17
Acenaphthene
Concen: 0.191 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

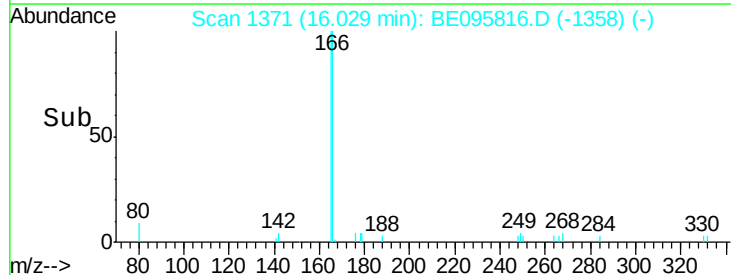
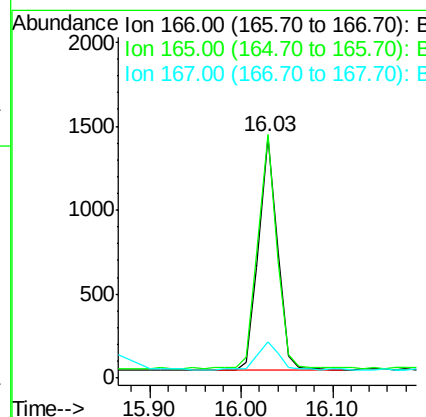
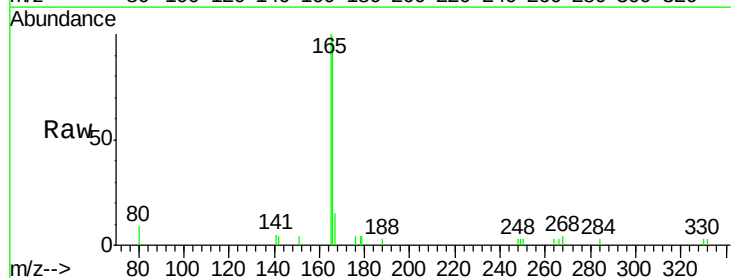
Instrument :
BNA_E
ClientSampleId :

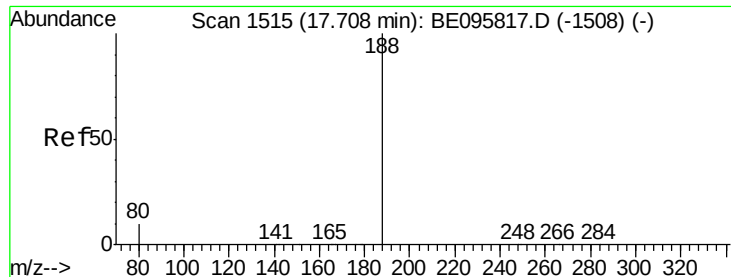
Tot Ion:154 Resp: 1531
Ion Ratio Lower Upper
154 100
153 119.0 89.2 133.8
152 56.8 42.0 63.0



#18
Fluorene
Concen: 0.202 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095816.D
Acq: 23 Mar 2018 9:22

Tgt Ion:166 Resp: 2010
Ion Ratio Lower Upper
166 100
165 100.5 77.8 116.6
167 14.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampled :

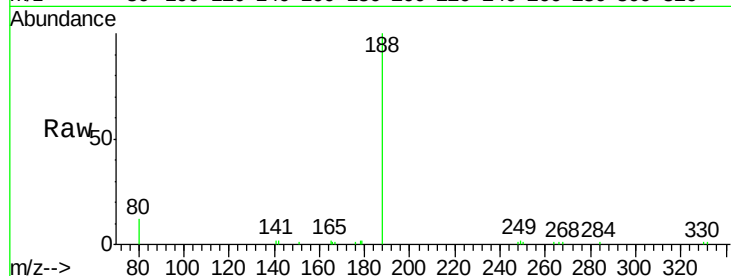
Tot Ion:188 Resp: 5773

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

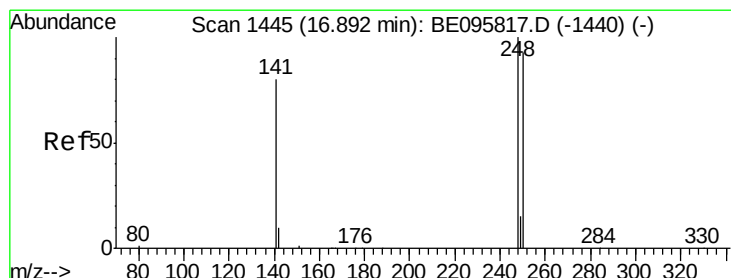
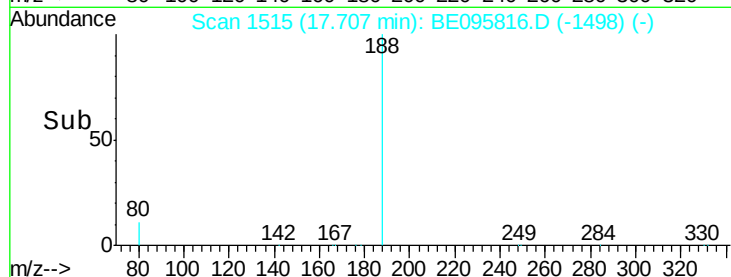
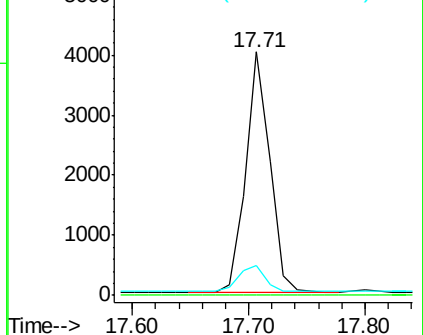
80 12.3 3.6 5.4#



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: 0.187 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

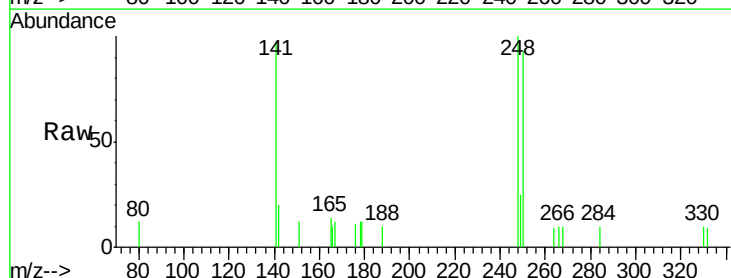
Tgt Ion:248 Resp: 676

Ion Ratio Lower Upper

248 100

250 92.6 62.7 94.1

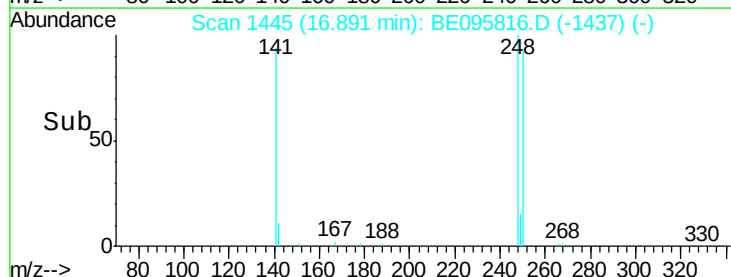
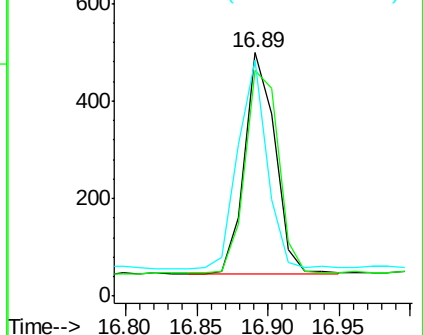
141 97.0 48.2 72.2#

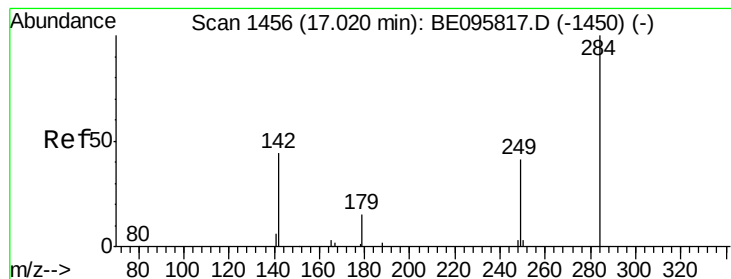


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.185 ng

RT: 17.03 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

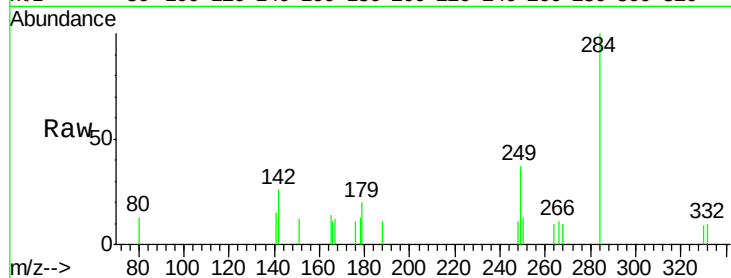
Tot Ion:284 Resp: 693

Ion Ratio Lower Upper

284 100

142 40.1 22.1 33.1#

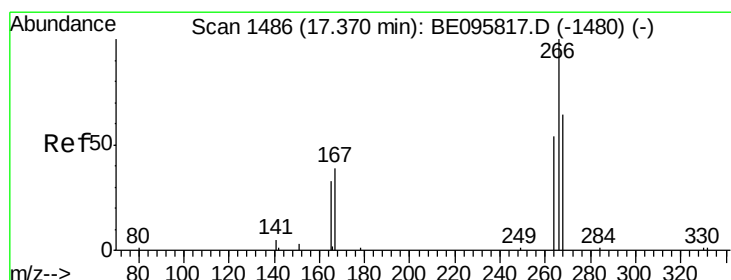
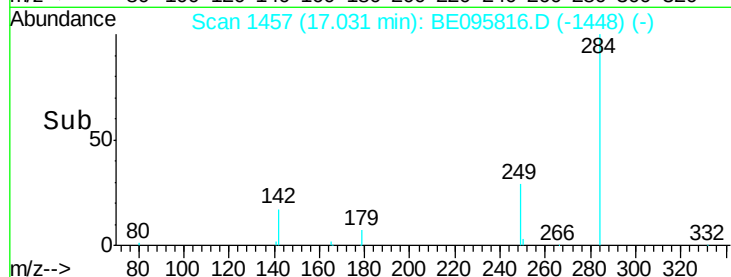
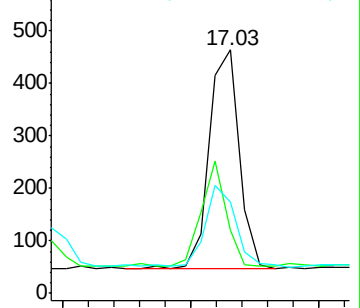
249 39.2 34.8 52.2



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: 0.188 ng

RT: 17.37 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

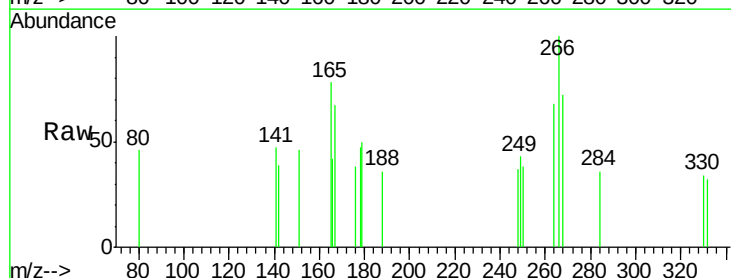
Tgt Ion:266 Resp: 163

Ion Ratio Lower Upper

266 100

264 67.7 72.5 108.7#

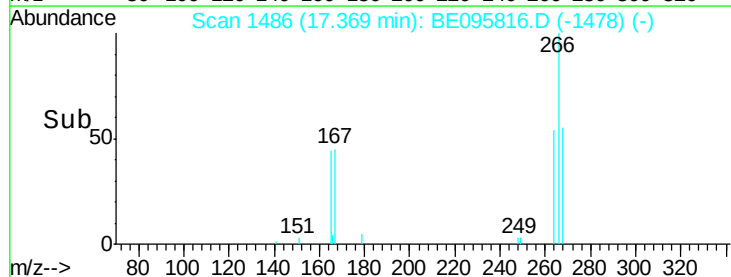
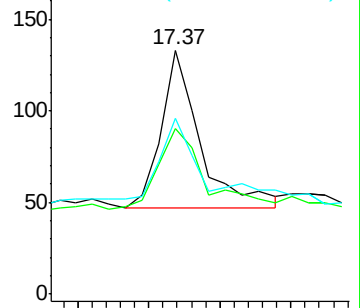
268 72.2 73.8 110.6#

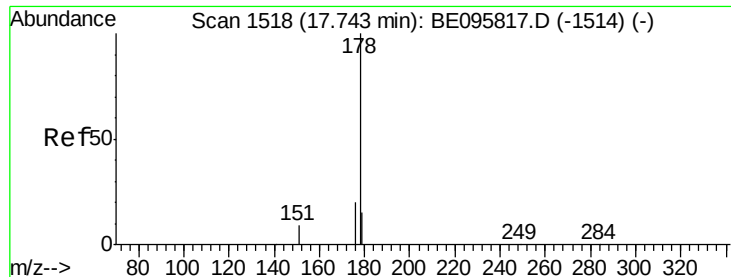


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.189 ng

RT: 17.75 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

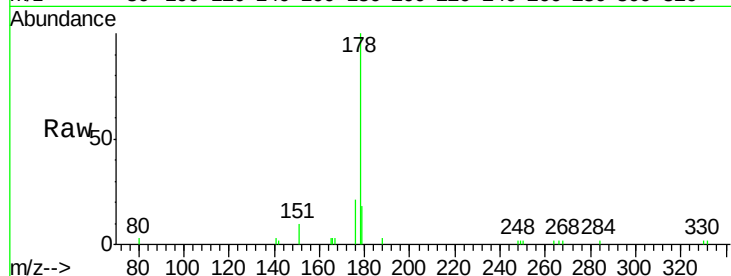
Tot Ion:178 Resp: 3408

Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

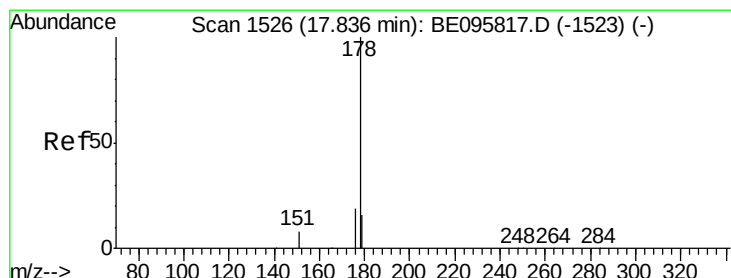
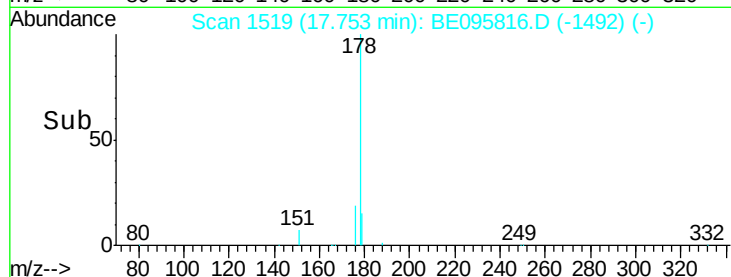
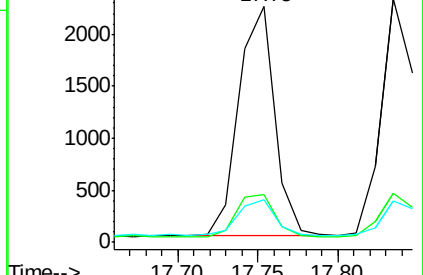
179 15.5 11.8 17.6



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: 0.207 ng

RT: 17.84 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

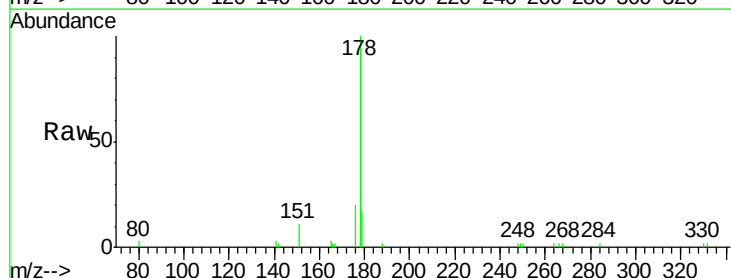
Tgt Ion:178 Resp: 3431

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

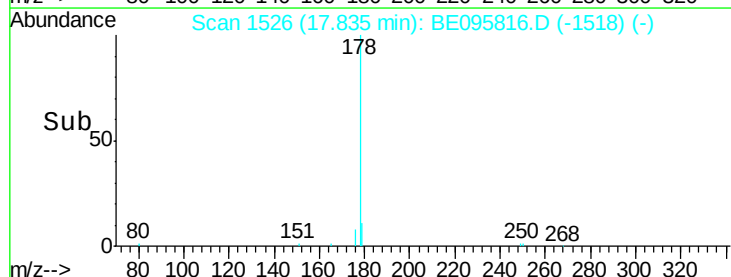
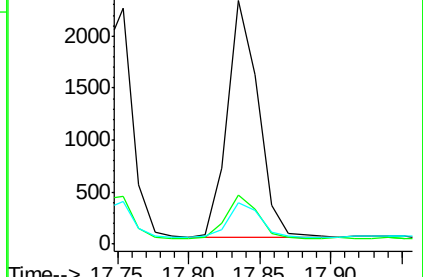
179 14.6 13.0 19.6

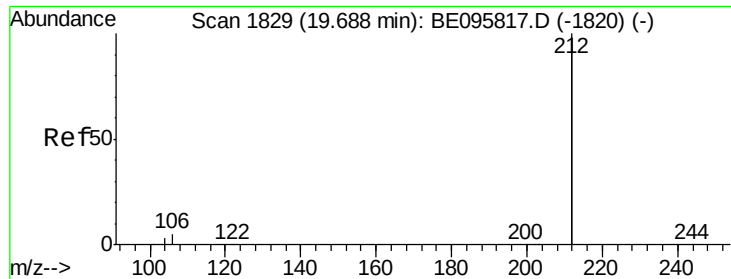


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.226 ng

RT: 19.69 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

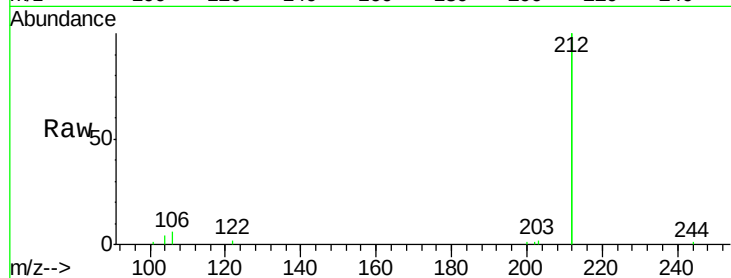
Tot Ion:212 Resp: 17011

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

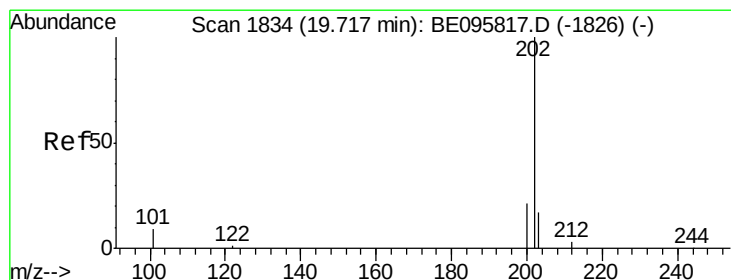
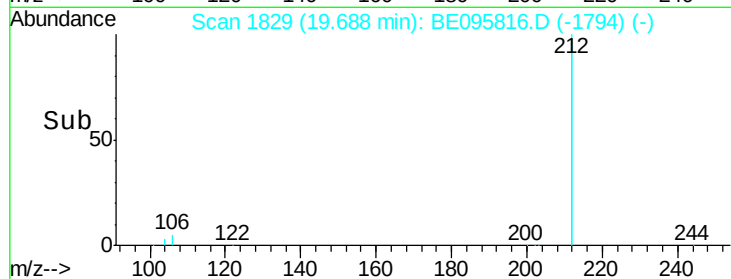
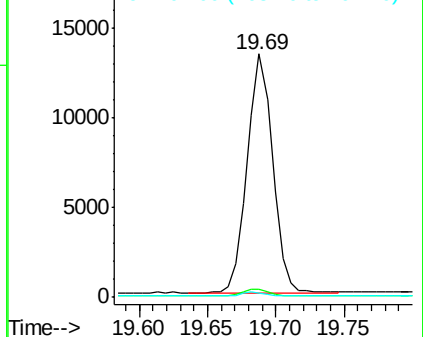
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.215 ng

RT: 19.72 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

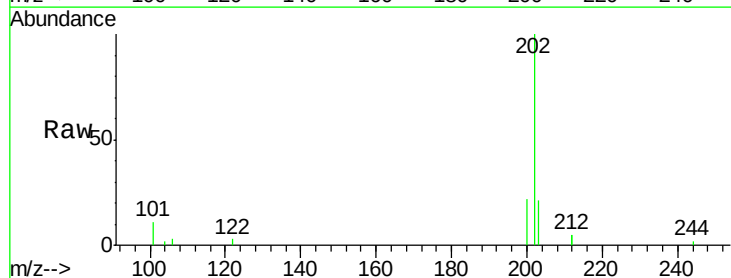
Tgt Ion:202 Resp: 4778

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

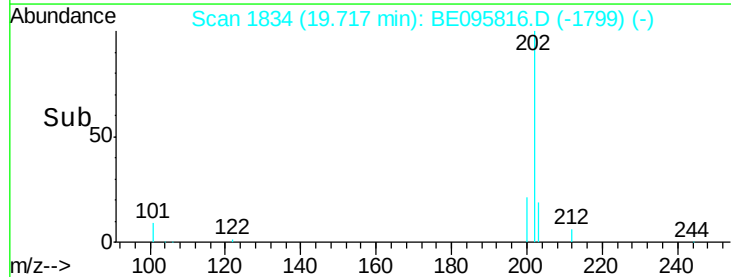
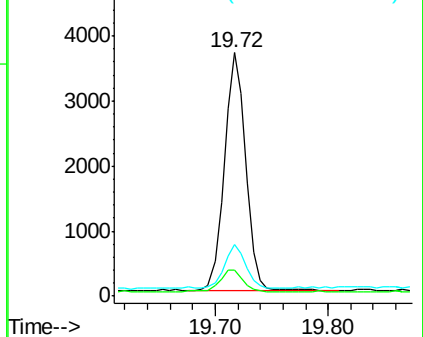
203 18.0 13.7 20.5

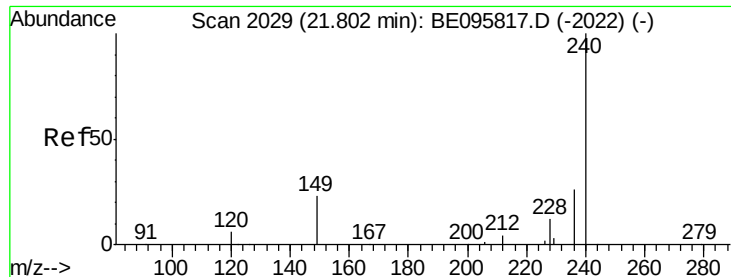


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.80 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

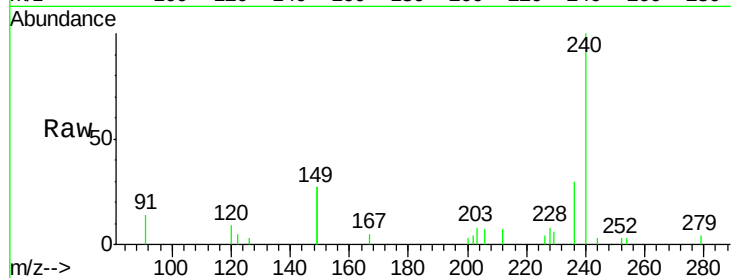
Tot Ion:240 Resp: 6900

Ion Ratio Lower Upper

240 100

120 9.5 5.5 8.3#

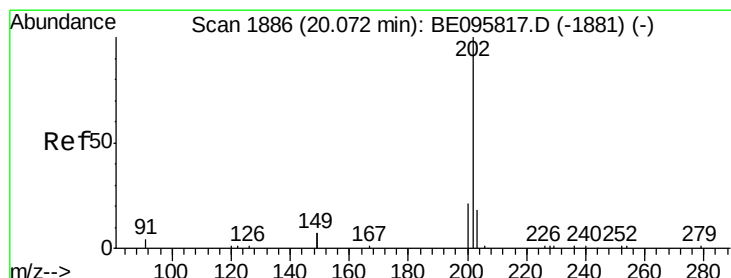
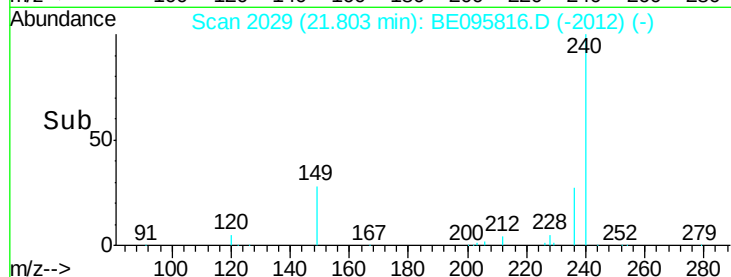
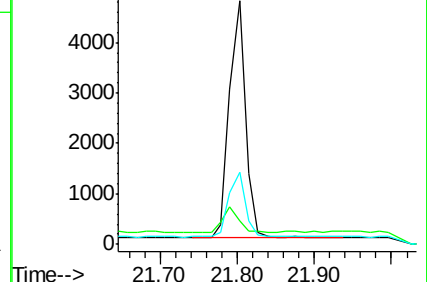
236 29.7 20.7 31.1



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: 0.207 ng

RT: 20.07 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

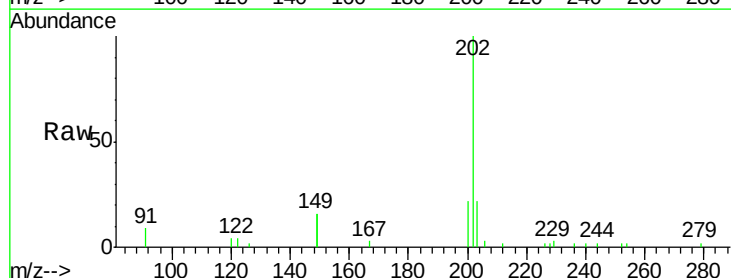
Tgt Ion:202 Resp: 5853

Ion Ratio Lower Upper

202 100

200 23.7 16.6 25.0

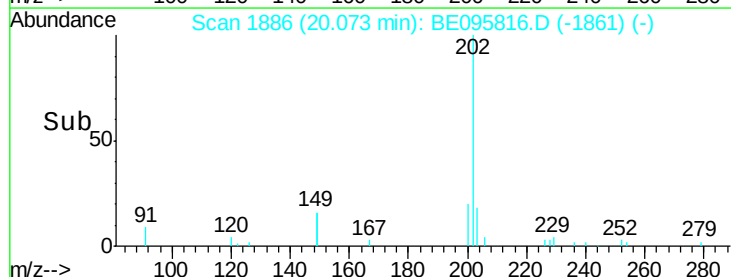
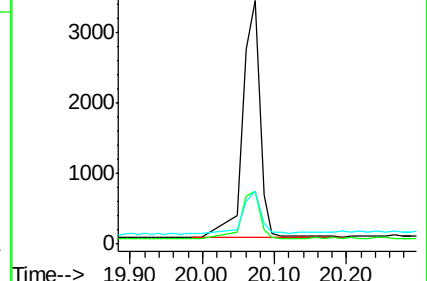
203 18.6 13.8 20.8

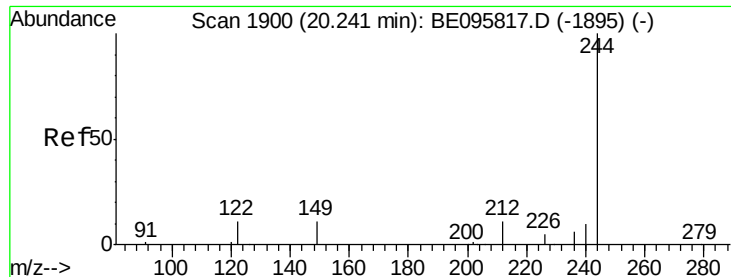


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.211 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

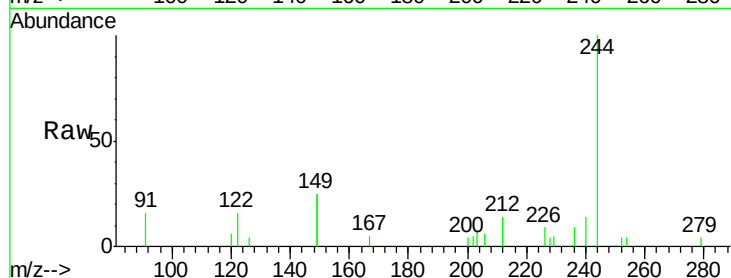
Tot Ion:244 Resp: 2899

Ion Ratio Lower Upper

244 100

212 13.9 25.4 38.0#

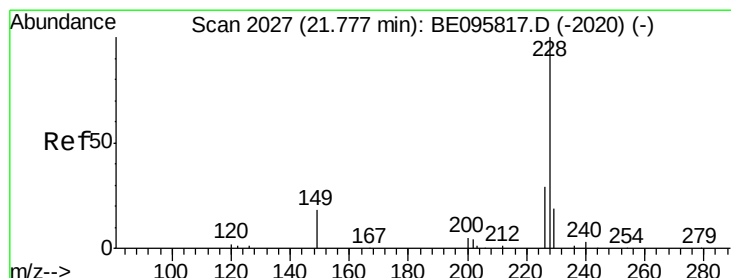
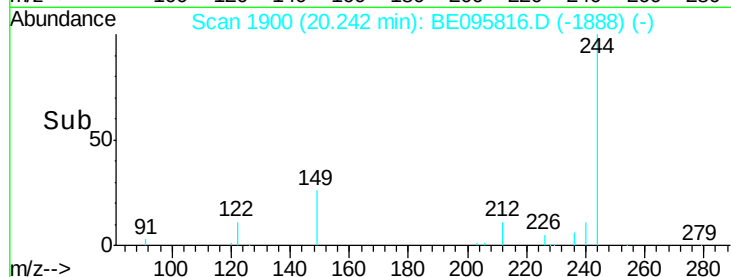
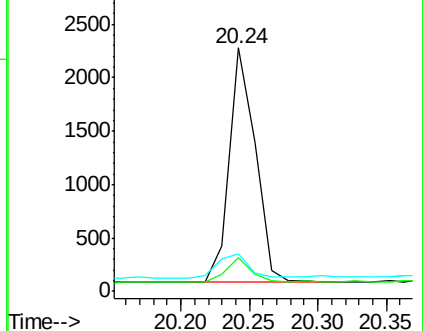
122 15.7 8.1 12.1#



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: 0.220 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

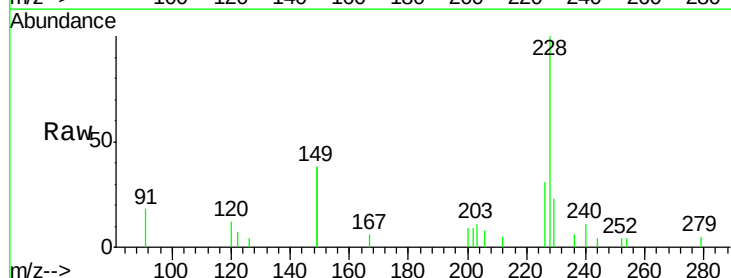
Tgt Ion:228 Resp: 4958

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

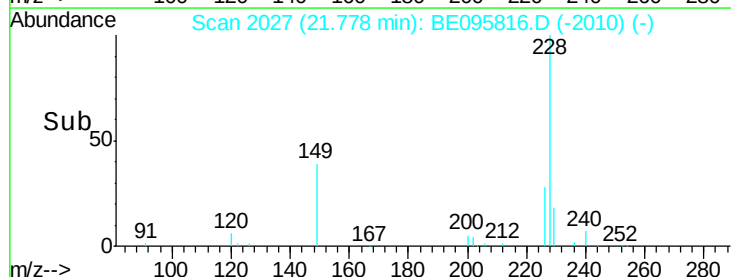
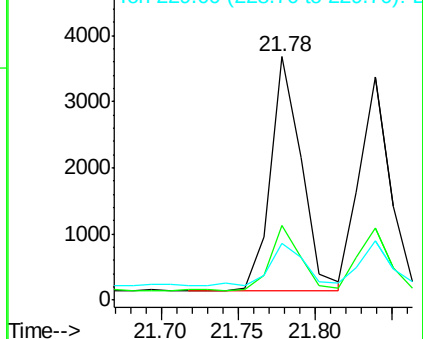
229 23.3 16.0 24.0

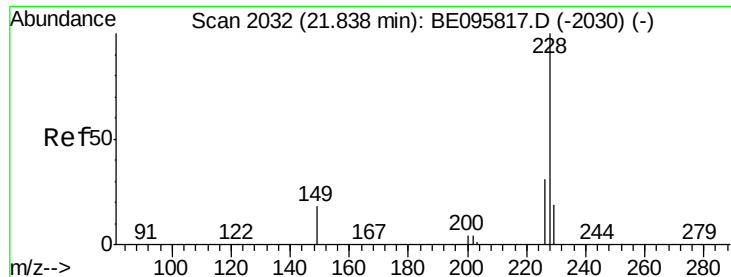


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.176 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.06 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

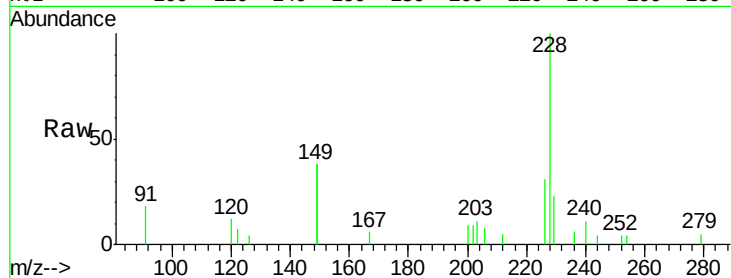
Tot Ion:228 Resp: 3931

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

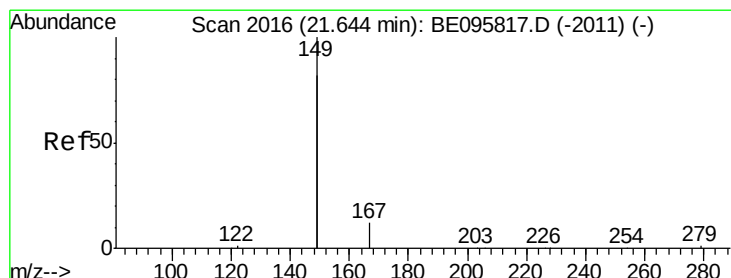
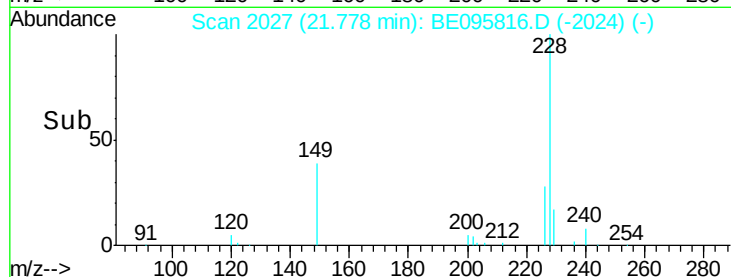
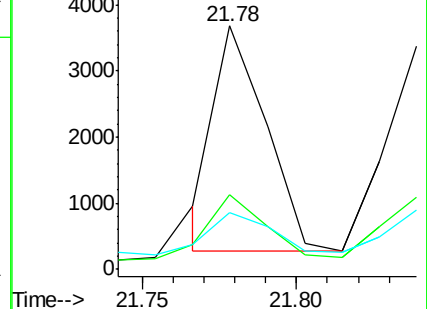
229 23.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.383 ng

RT: 21.65 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

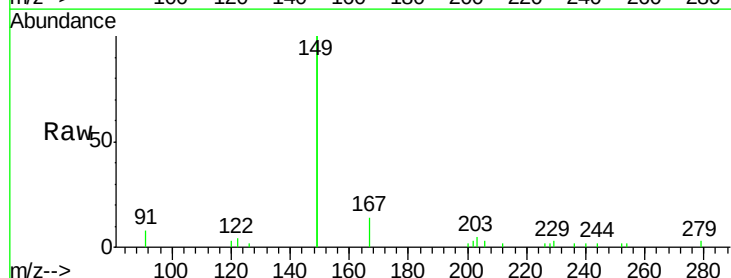
Tgt Ion:149 Resp: 15232

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

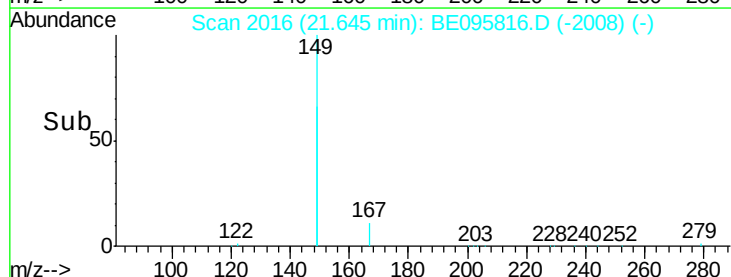
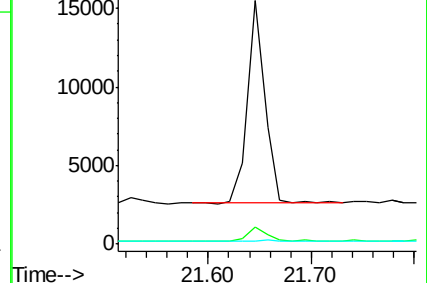
279 1.9 0.7 1.1#

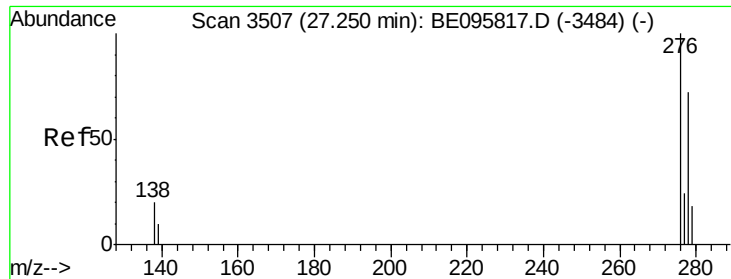


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.227 ng

RT: 27.25 min Scan# 3506

Delta R.T. -0.00 min

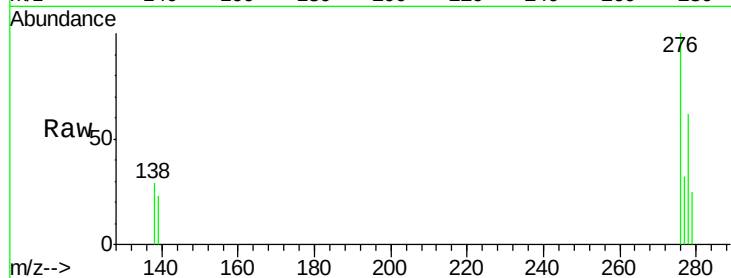
Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

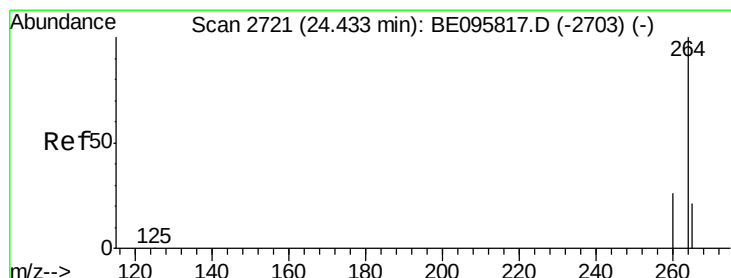
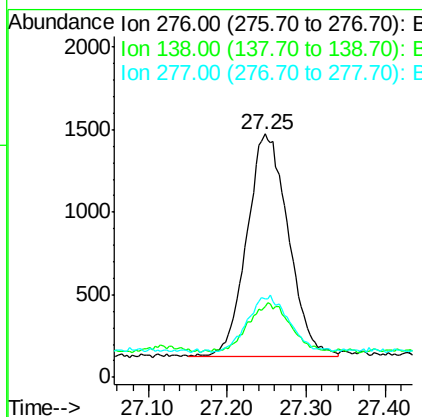
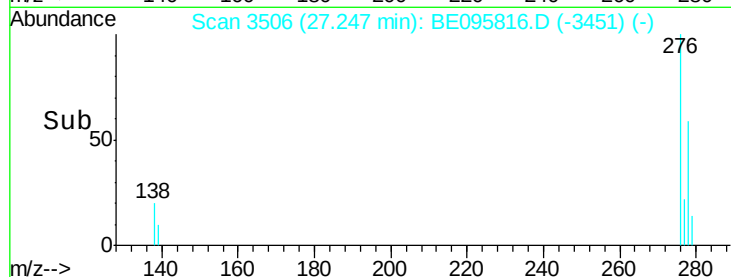
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	4914
Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.1	19.9	29.9



#34

Perylene-d12

Concen: 0.400 ng

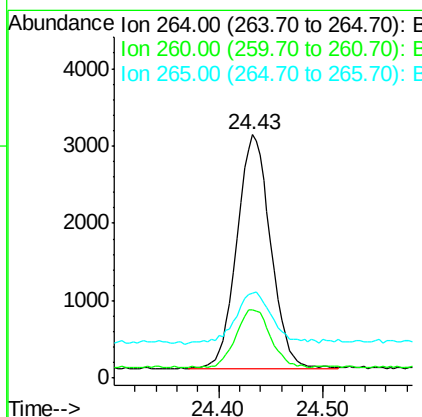
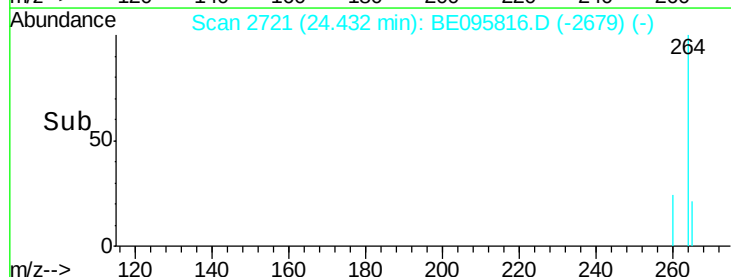
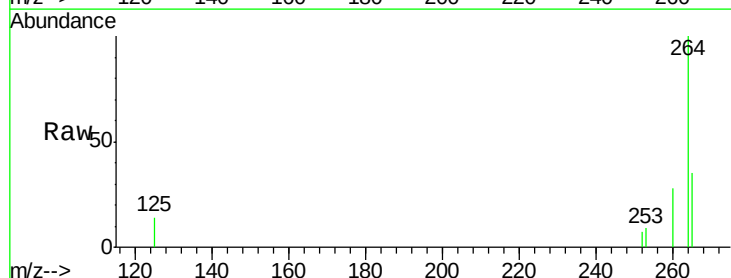
RT: 24.43 min Scan# 2721

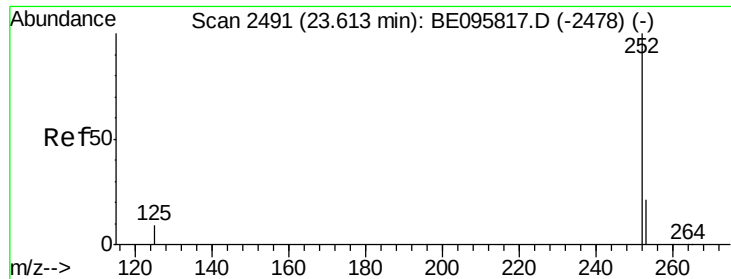
Delta R.T. -0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Tgt Ion:	264	Resp:	6782
Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.5	30.7
265	34.7	22.8	34.2#





#35

Benzo(b)fluoranthene

Concen: 0.185 ng

RT: 23.62 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :

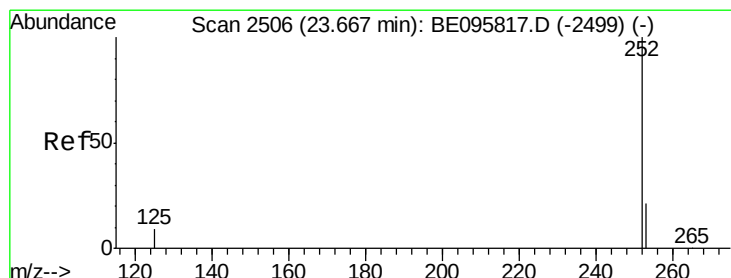
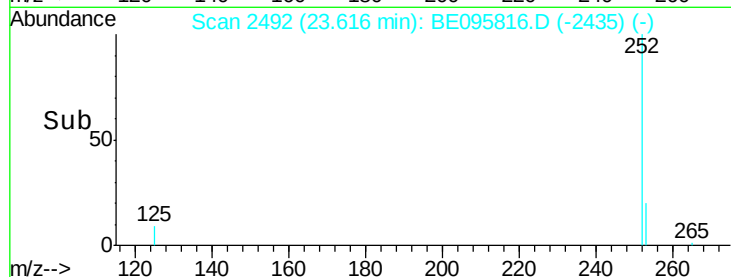
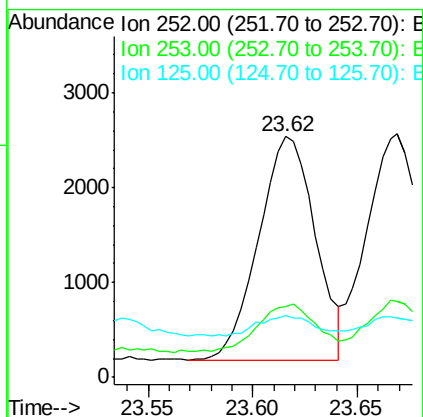
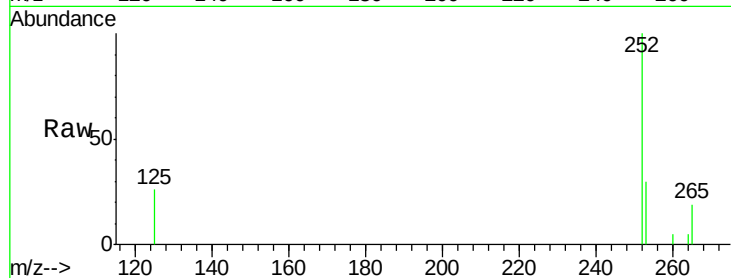
Tot Ion:252 Resp: 4458

Ion Ratio Lower Upper

252 100

253 29.6 20.0 30.0

125 25.7 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.185 ng

RT: 23.67 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

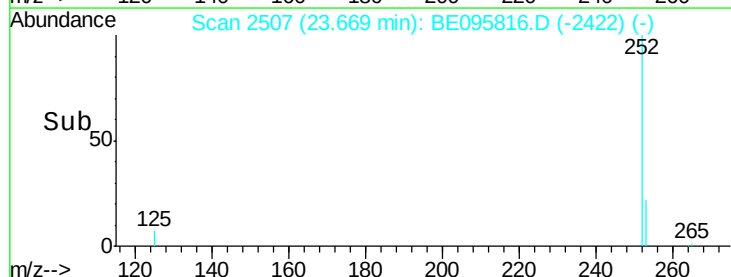
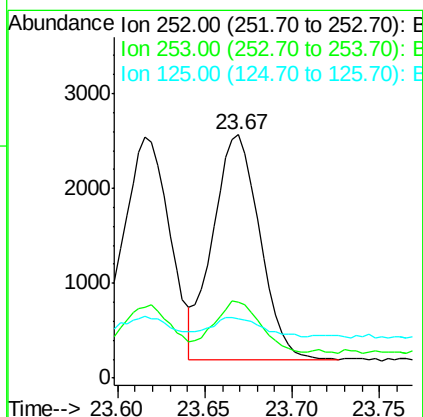
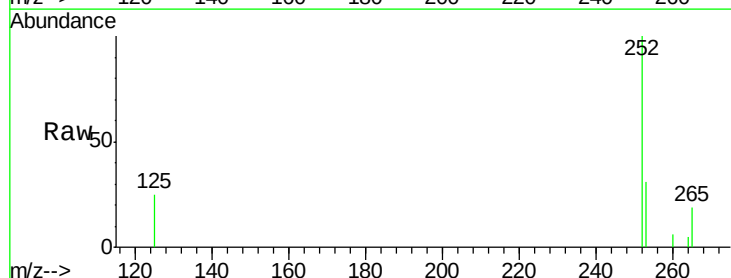
Tgt Ion:252 Resp: 4452

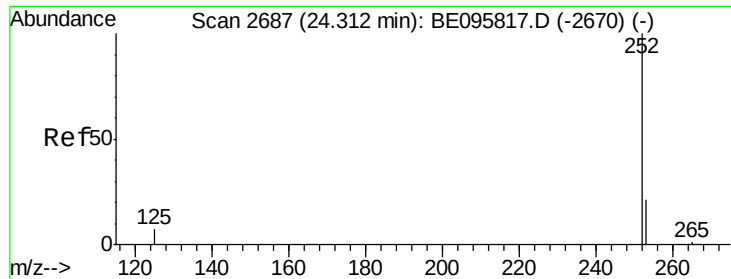
Ion Ratio Lower Upper

252 100

253 31.3 16.0 24.0#

125 24.6 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.192 ng

RT: 24.31 min Scan# 2688

Delta R.T. 0.00 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampled :

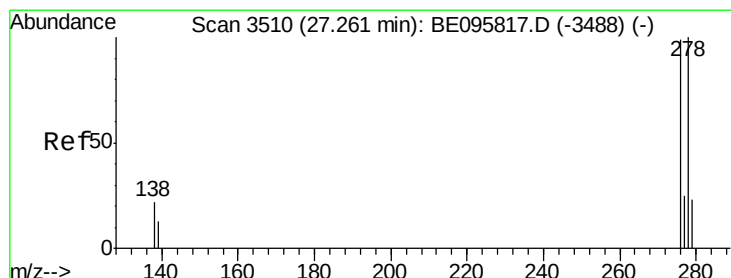
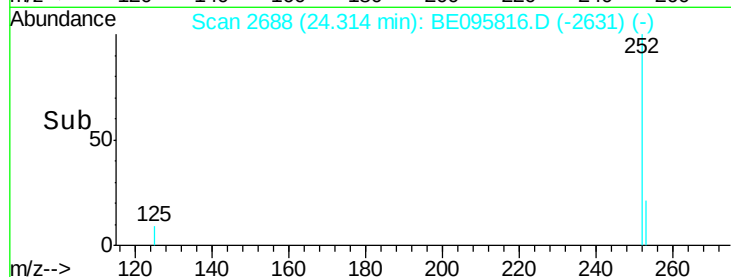
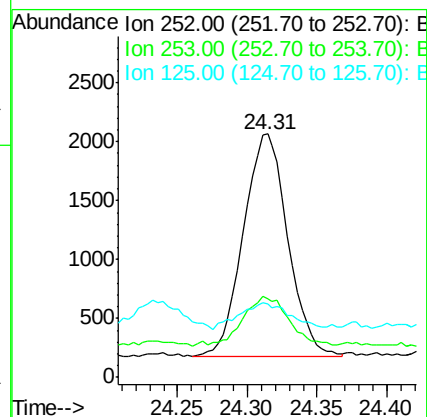
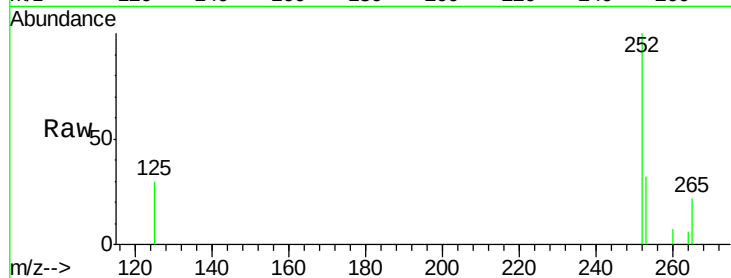
Tot Ion:252 Resp: 4171

Ion Ratio Lower Upper

252 100

253 32.4 16.0 24.0#

125 30.1 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.204 ng

RT: 27.27 min Scan# 3513

Delta R.T. 0.01 min

Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

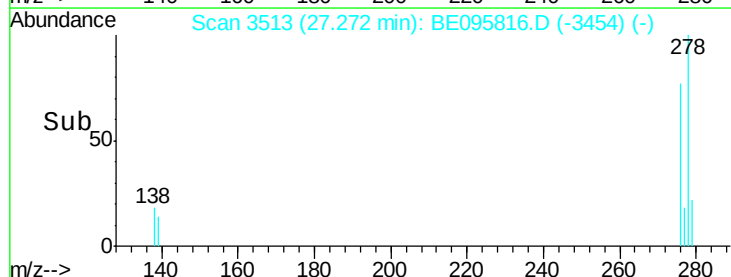
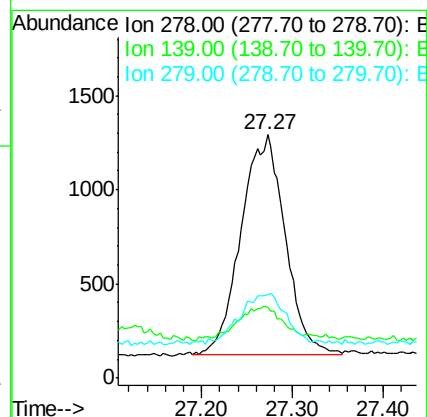
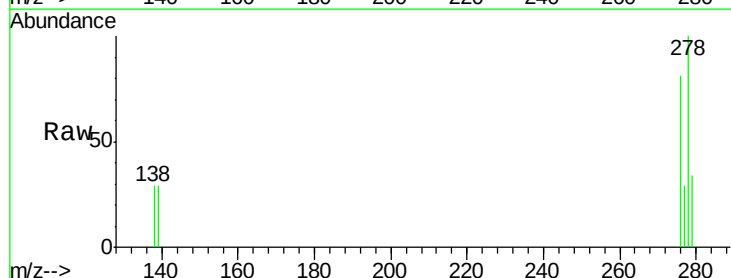
Tgt Ion:278 Resp: 3949

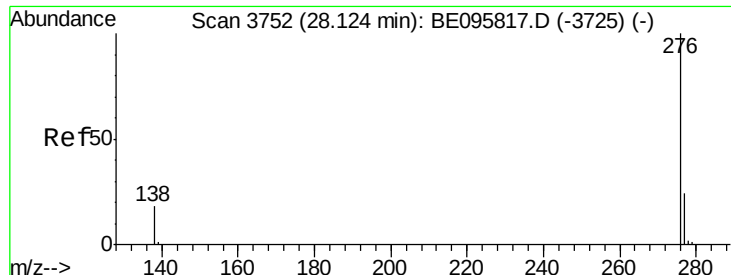
Ion Ratio Lower Upper

278 100

139 29.1 16.0 24.0#

279 34.3 20.0 30.0#





#39

Benzo(a,h,i)perylene

Concen: 0.195 ng

RT: 28.12 min Scan# 3752

Delta R.T. 0.00 min

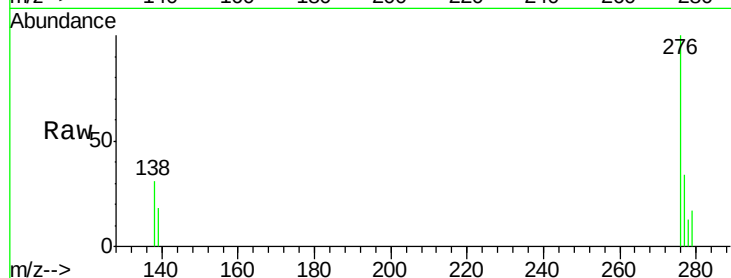
Lab File: BE095816.D

Acq: 23 Mar 2018 9:22

Instrument :

BNA_E

ClientSampleId :



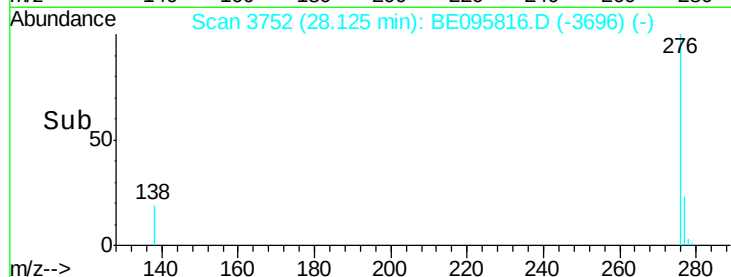
Tot Ion: 276 Resp: 4050

Ion Ratio Lower Upper

276 100

277 33.7 16.0 24.0#

138 31.3 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

