

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032318\
 Data File : BE095818.D
 Acq On : 23 Mar 2018 10:33
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Mar 23 11:11:59 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	1067	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4244	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2483	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6307	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7373	0.40	ng	0.00
34) Perylene-d12	24.43	264	7132	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	2658	0.94	ng	0.00
5) Phenol-d6	7.57	99	3694	0.95	ng	0.00
8) Nitrobenzene-d5	9.59	82	3766	0.86	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	5366	0.76	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	1066	1.20	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	8094	0.73	ng	0.00
25) Fluoranthene-d10	19.69	212	71372	0.87	ng	0.00
29) Terphenyl-d14	20.24	244	12298	0.84	ng	0.00

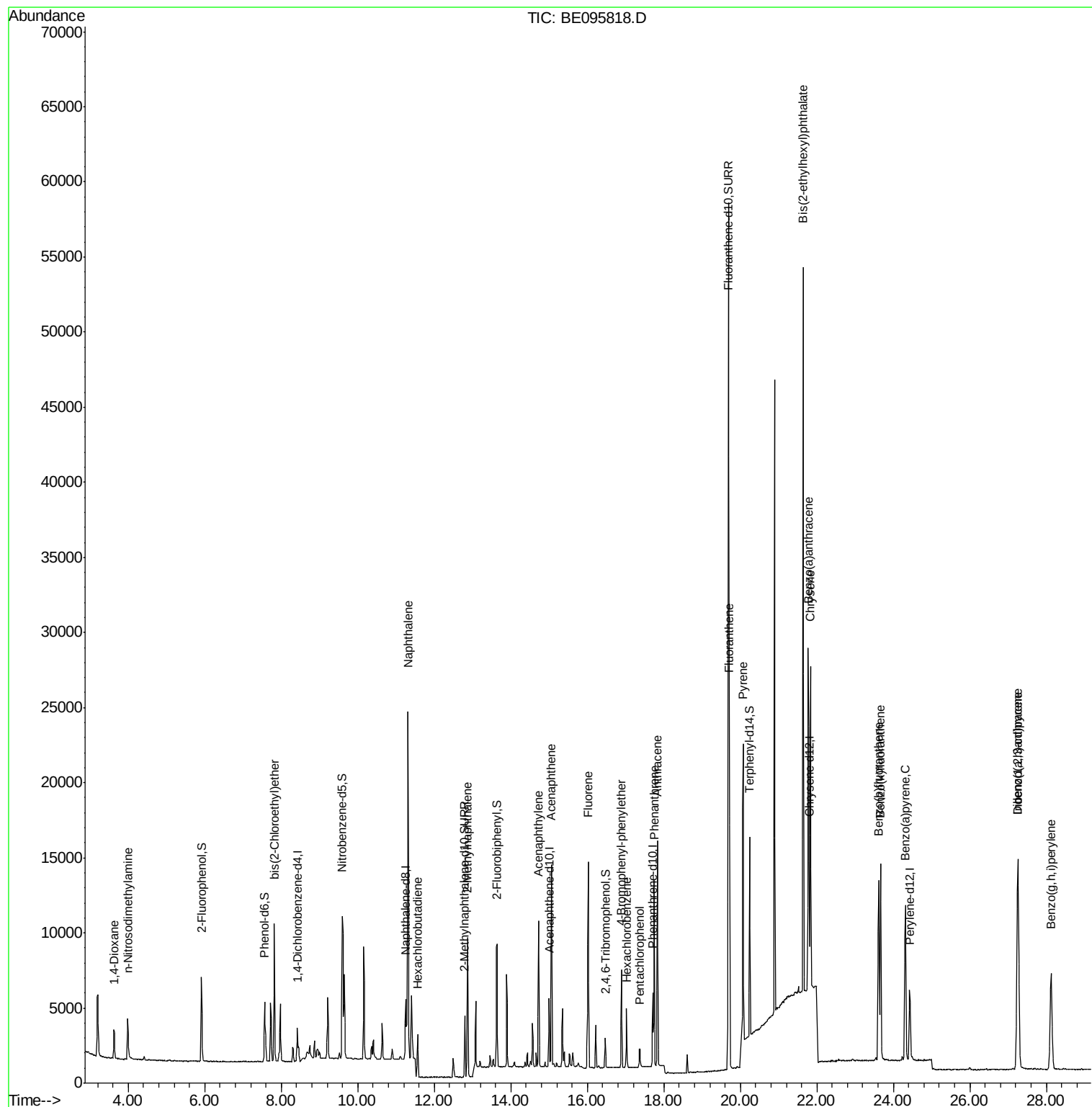
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	1324	0.788	ng	# 93
3) n-Nitrosodimethylamine	3.99	42	1978	0.950	ng	# 81
6) bis(2-Chloroethyl)ether	7.82	93	3136	0.784	ng	94
9) Naphthalene	11.31	128	36426	0.745	ng	100
10) Hexachlorobutadiene	11.56	225	2393	0.839	ng	98
12) 2-Methylnaphthalene	12.87	142	6312	0.748	ng	95
16) Acenaphthylene	14.73	152	11146	0.799	ng	100
17) Acenaphthene	15.06	154	6705	0.765	ng	96
18) Fluorene	16.03	166	8807	0.811	ng	# 79
20) 4-Bromophenyl-phenylether	16.89	248	2968	0.750	ng	# 74
21) Hexachlorobenzene	17.03	284	2922	0.713	ng	# 81
22) Pentachlorophenol	17.37	266	762	0.804	ng	# 77
23) Phenanthrene	17.75	178	14632	0.742	ng	99
24) Anthracene	17.84	178	14564	0.805	ng	96
26) Fluoranthene	19.72	202	20030	0.826	ng	# 97
28) Pyrene	20.07	202	22054	0.731	ng	# 91
30) Benzo(a)anthracene	21.78	228	19773	0.822	ng	98
31) Chrysene	21.84	228	17908	0.749	ng	98
32) Bis(2-ethylhexyl)phthalate	21.64	149	54132	1.272	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.24	276	19481	0.840	ng	# 93
35) Benzo(b)fluoranthene	23.61	252	18026	0.710	ng	# 93
36) Benzo(k)fluoranthene	23.67	252	18636	0.738	ng	# 92
37) Benzo(a)pyrene	24.31	252	17246	0.753	ng	# 94
38) Dibenzo(a,h)anthracene	27.26	278	16380	0.804	ng	96
39) Benzo(g,h,i)perylene	28.12	276	16258	0.745	ng	# 90

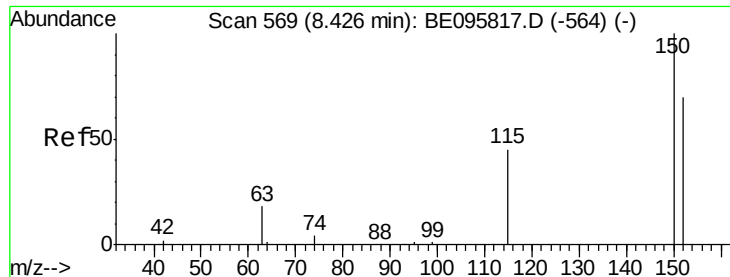
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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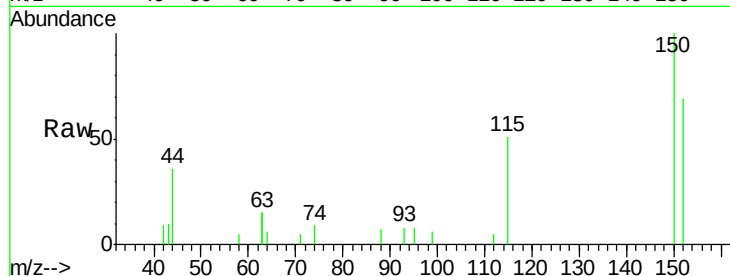


#1

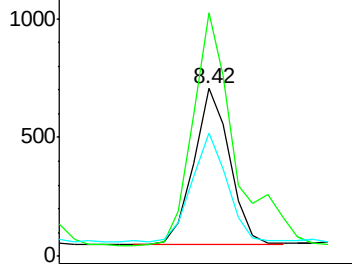
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

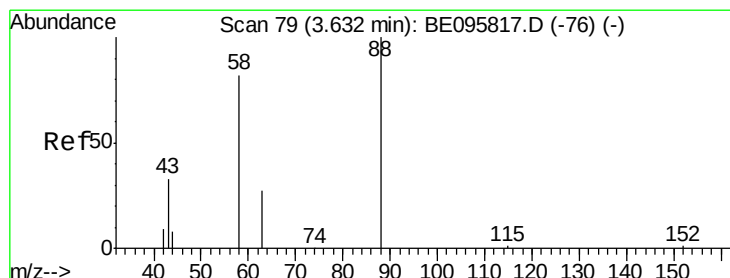
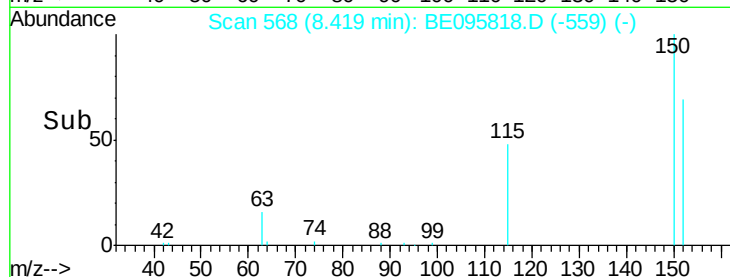
Tot Ion:152 Resp: 1067
Ion Ratio Lower Upper
152 100
150 145.0 117.2 175.8
115 73.5 57.0 85.6



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



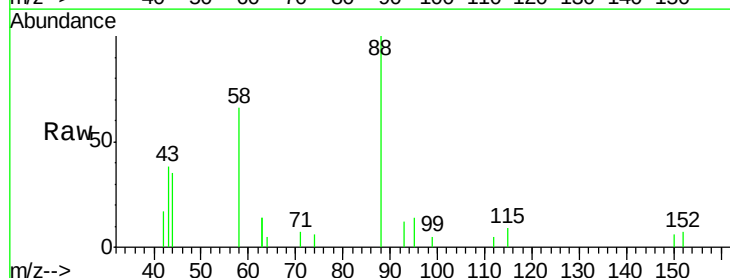
Time-->



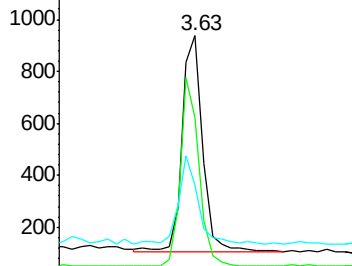
#2

1,4-Dioxane
Concen: 0.788 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

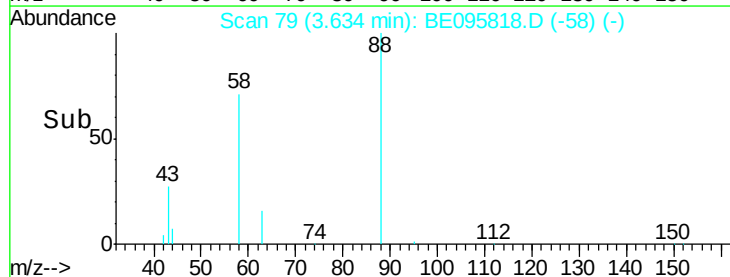
Tgt Ion: 88 Resp: 1324
Ion Ratio Lower Upper
88 100
58 80.0 63.2 94.8
43 40.6 41.2 61.8#

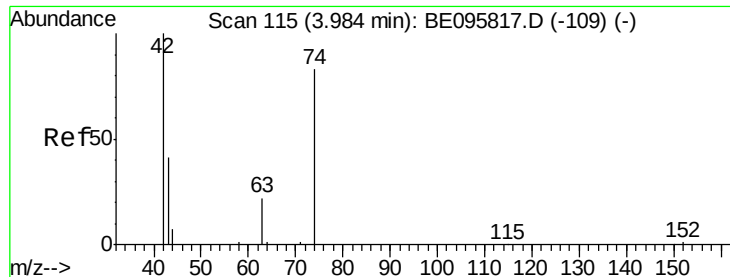


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->



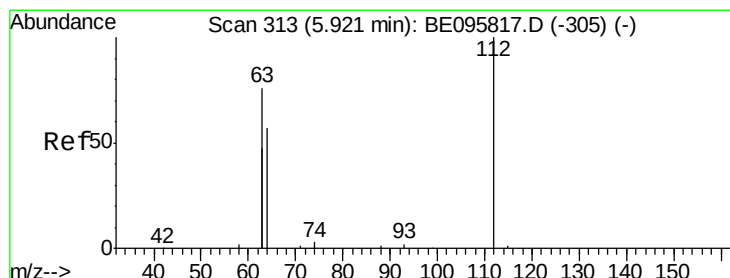
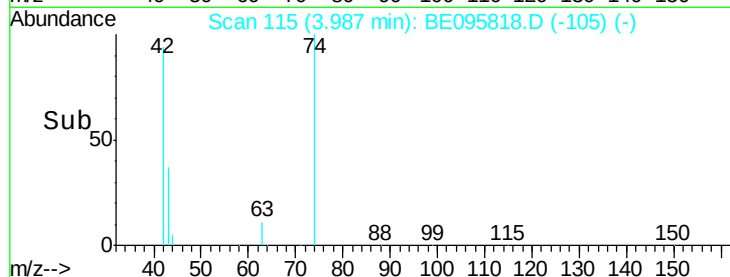
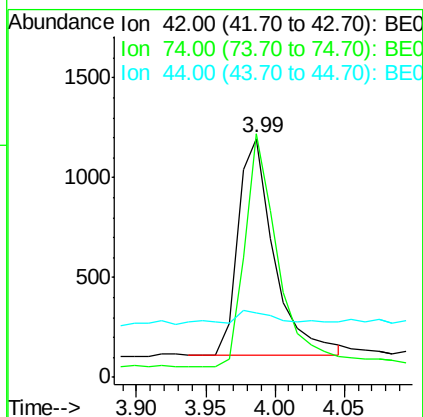
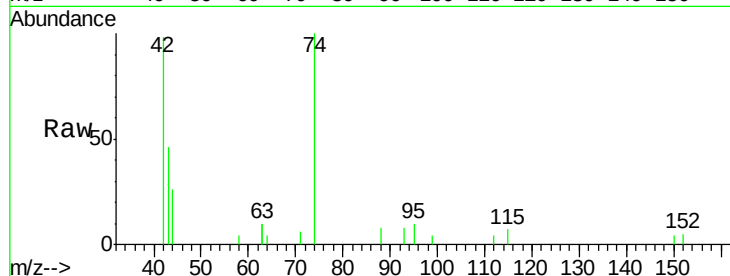


#3

n-Nitrosodimethylamine
 Concen: 0.950 ng
 RT: 3.99 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BE095818.D
 Acq: 23 Mar 2018 10:33

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

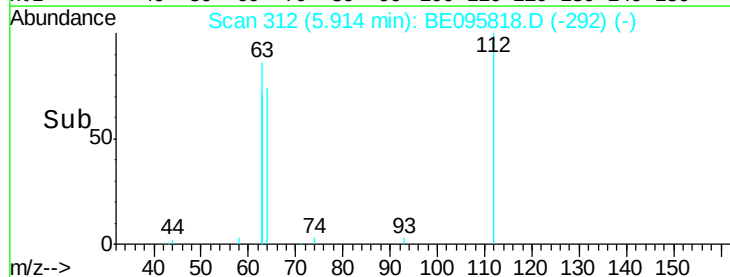
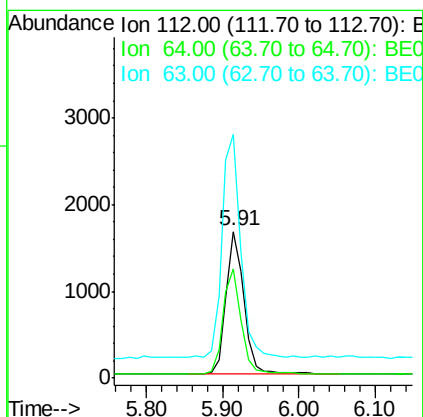
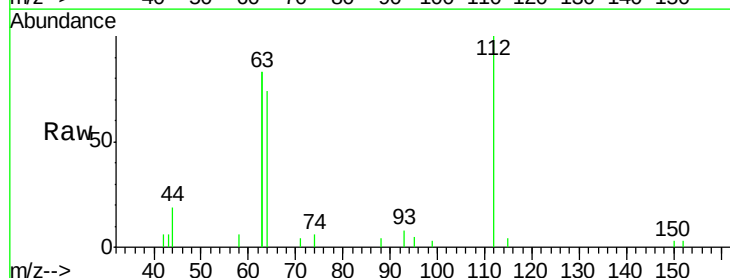
Tot Ion: 42 Resp: 1978
 Ion Ratio Lower Upper
 42 100
 74 98.0 96.0 144.0
 44 9.1 12.0 18.0#

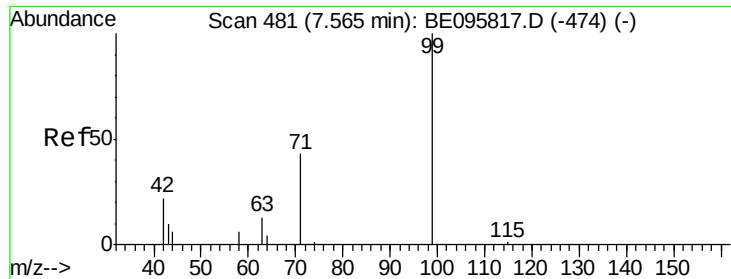


#4

2-Fluorophenol
 Concen: 0.944 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095818.D
 Acq: 23 Mar 2018 10:33

Tgt Ion: 112 Resp: 2658
 Ion Ratio Lower Upper
 112 100
 64 74.9 60.1 90.1
 63 163.1 116.8 175.2





#5

Phenol-d6

Concen: 0.947 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

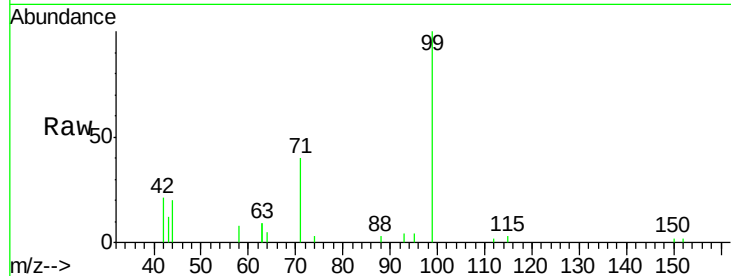
Tot Ion: 99 Resp: 3694

Ion Ratio Lower Upper

99 100

42 26.3 20.2 30.2

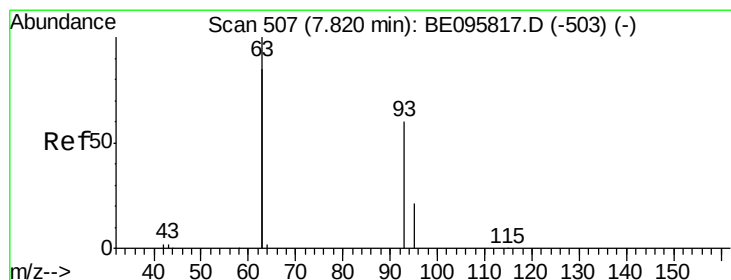
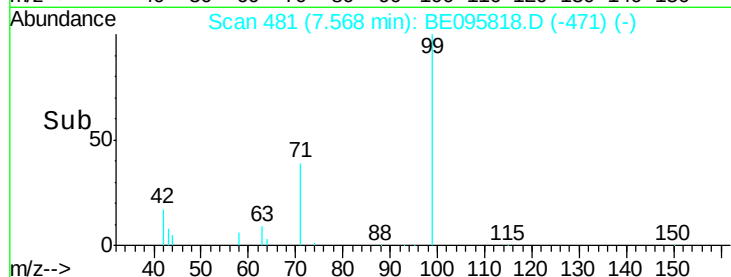
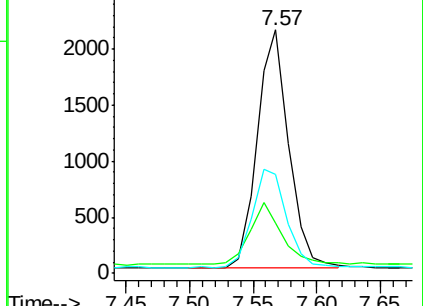
71 44.3 28.4 42.6#



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: 0.784 ng

RT: 7.82 min Scan# 507

Delta R.T. 0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

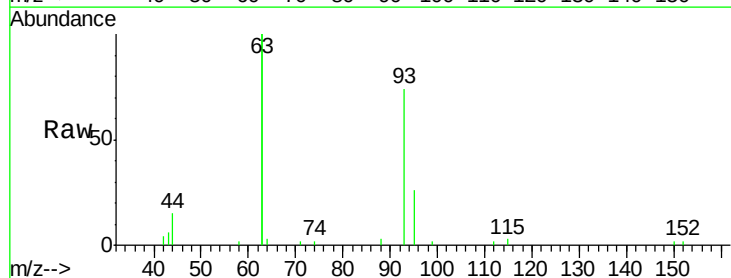
Tgt Ion: 93 Resp: 3136

Ion Ratio Lower Upper

93 100

63 330.6 275.3 412.9

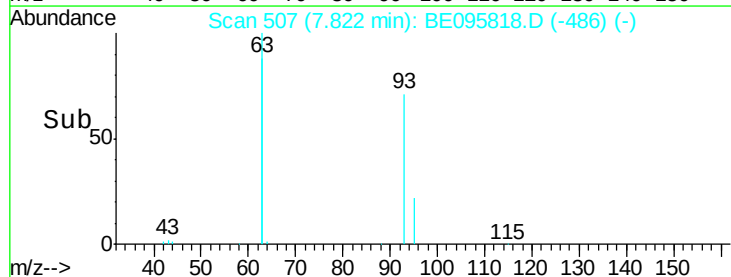
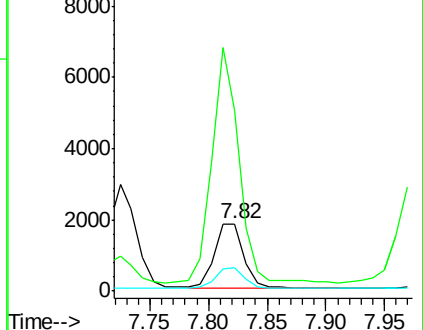
95 31.1 25.2 37.8

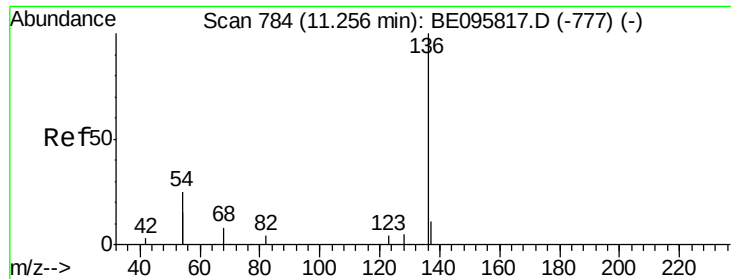


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 4244

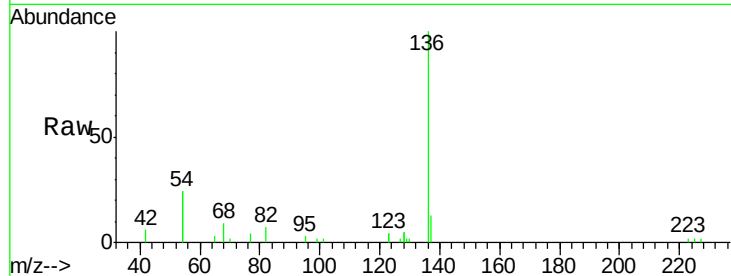
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 47.9 29.1 43.7#

68 8.8 6.2 9.2

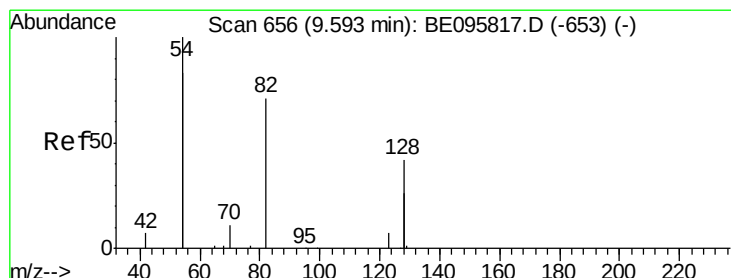
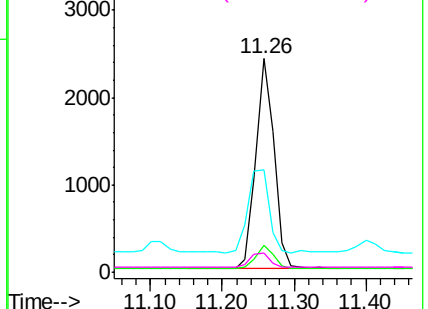
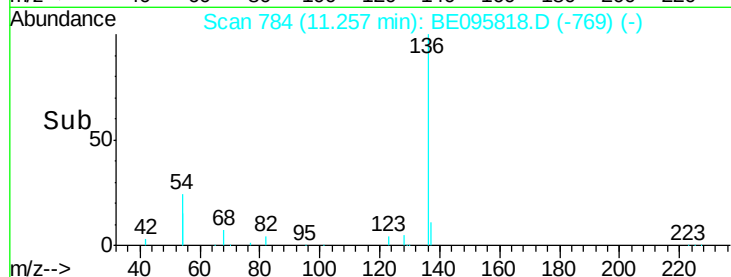


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.861 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

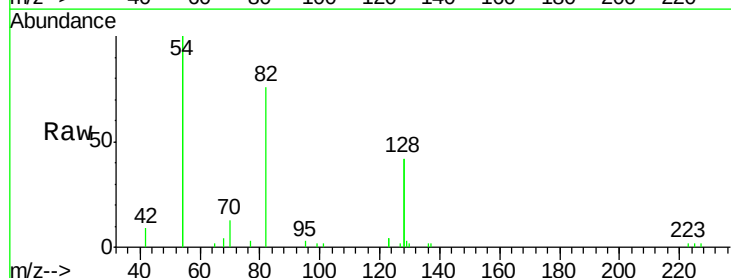
Tgt Ion: 82 Resp: 3766

Ion Ratio Lower Upper

82 100

128 109.5 150.0 225.0#

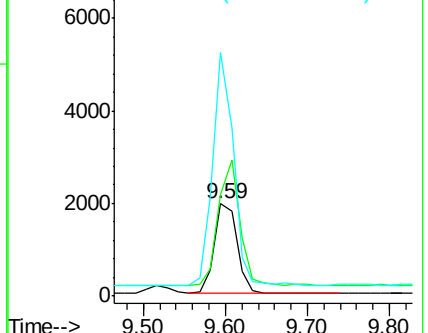
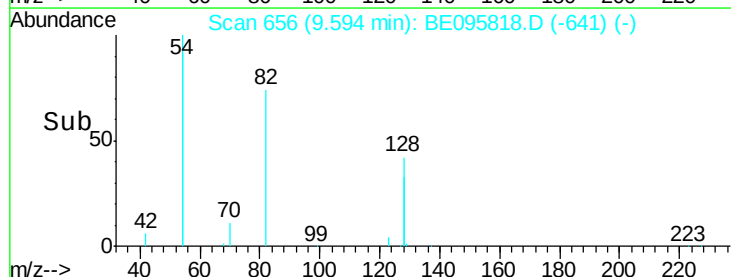
54 263.5 154.2 231.4#

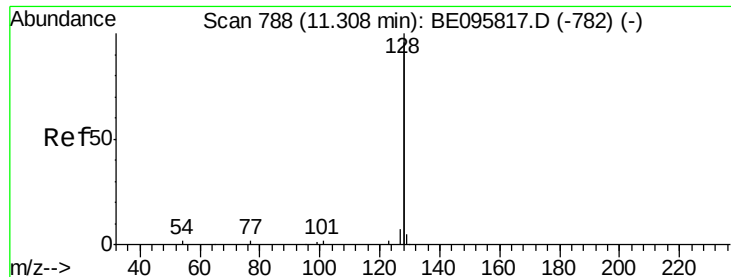


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.745 ng

RT: 11.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

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ClientSampleId :

SSTDIC0.8

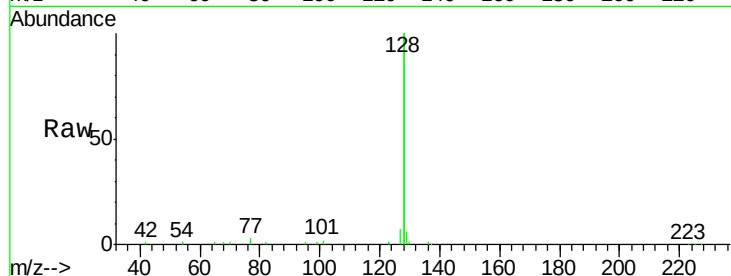
Tot Ion:128 Resp: 36426

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

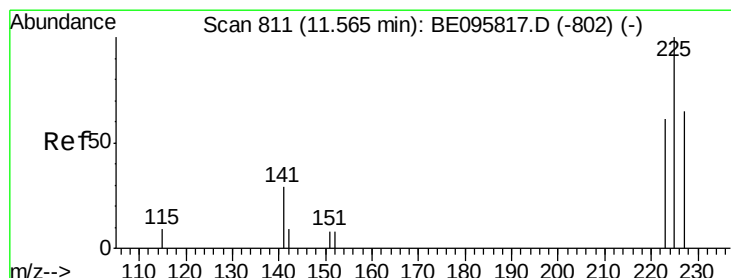
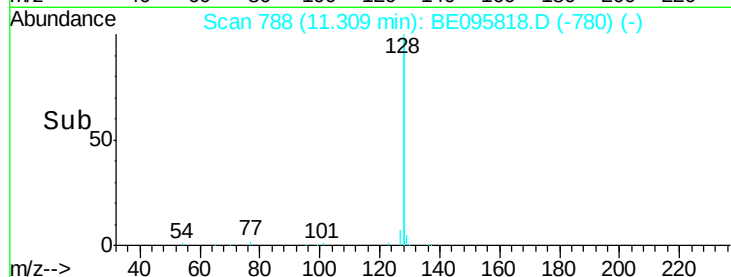
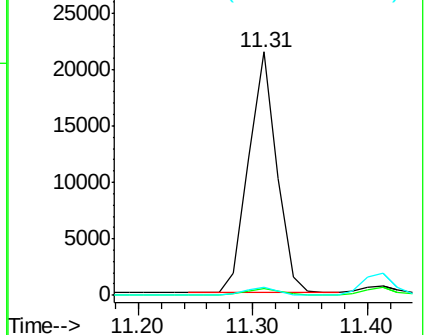
127 3.5 2.8 4.2



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: 0.839 ng

RT: 11.56 min Scan# 811

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

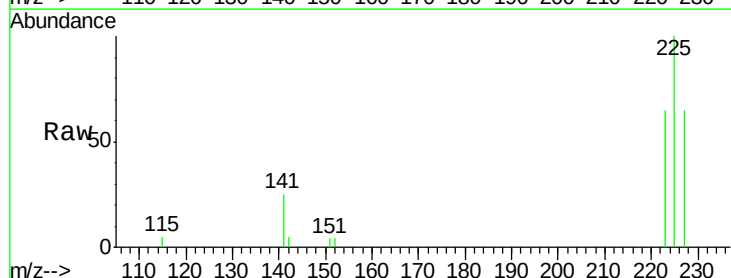
Tgt Ion:225 Resp: 2393

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

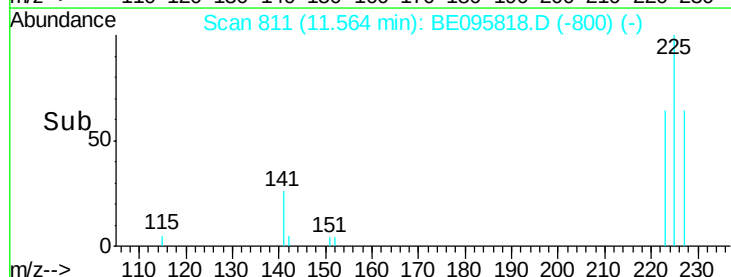
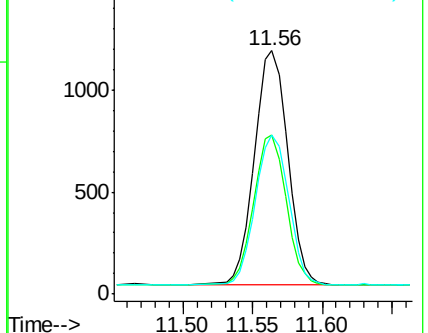
227 64.7 51.4 77.2

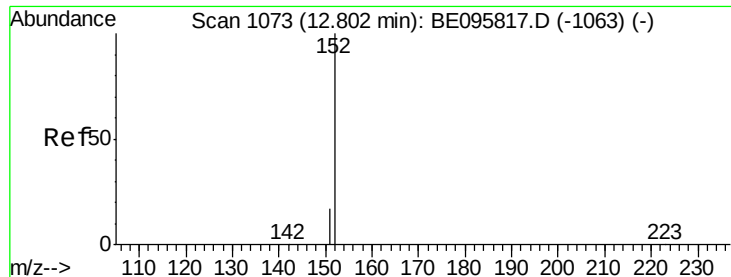


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.756 ng

RT: 12.80 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

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ClientSampleId :

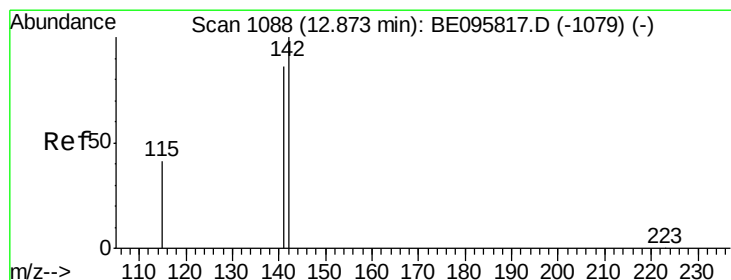
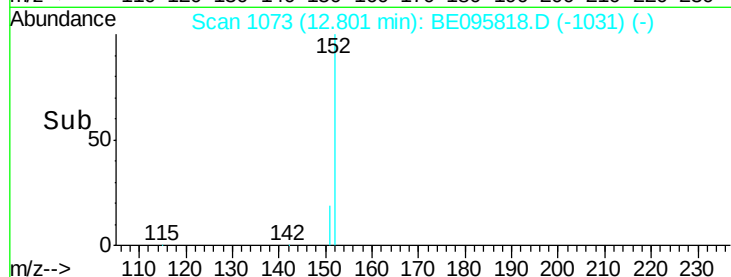
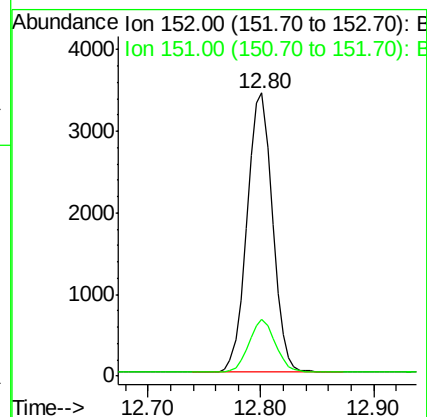
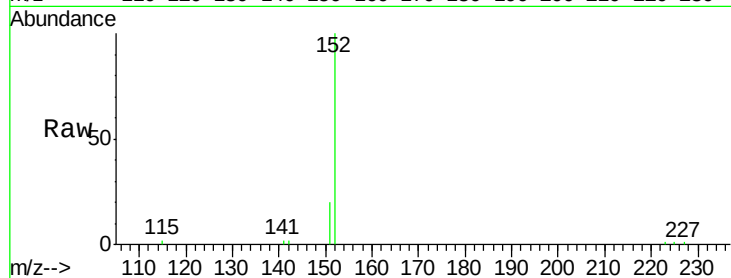
SSTDIC0.8

Tot Ion:152 Resp: 5366

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.748 ng

RT: 12.87 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

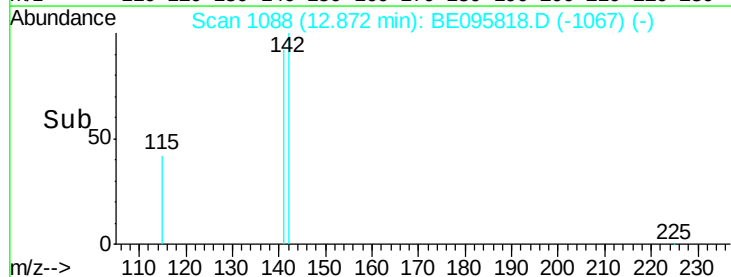
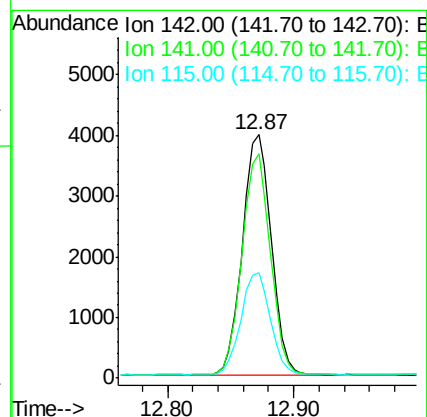
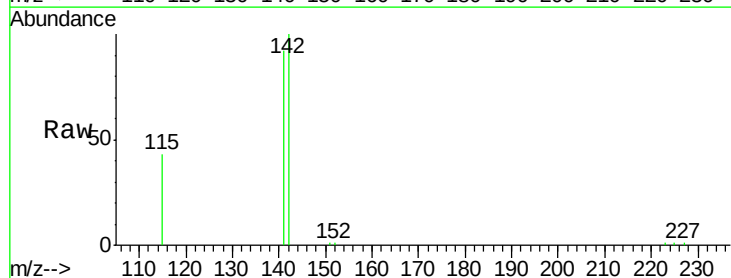
Tgt Ion:142 Resp: 6312

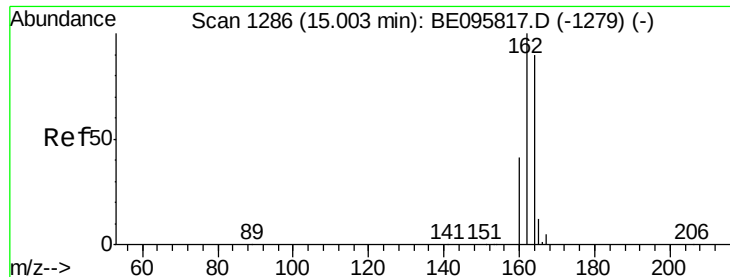
Ion Ratio Lower Upper

142 100

141 92.0 70.4 105.6

115 43.4 31.7 47.5

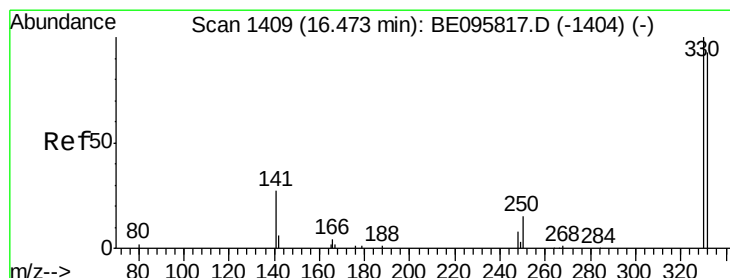
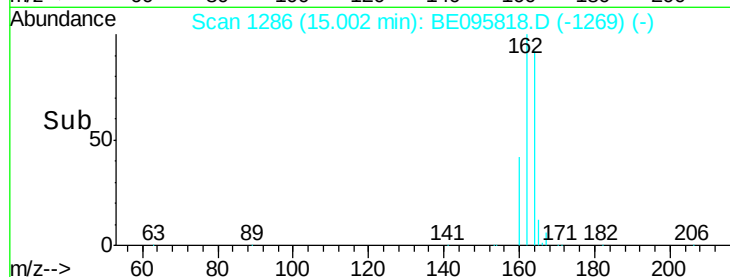
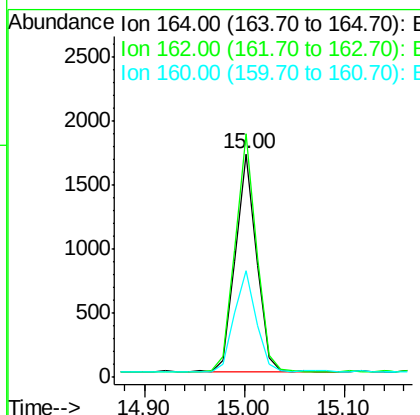
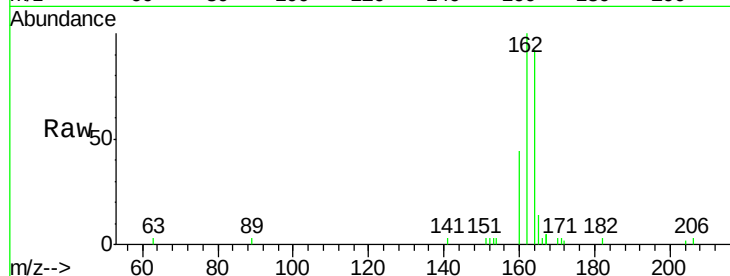




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

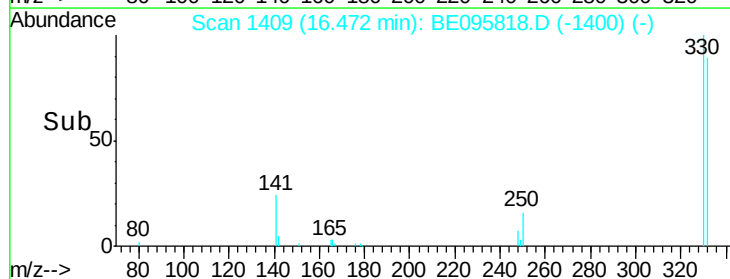
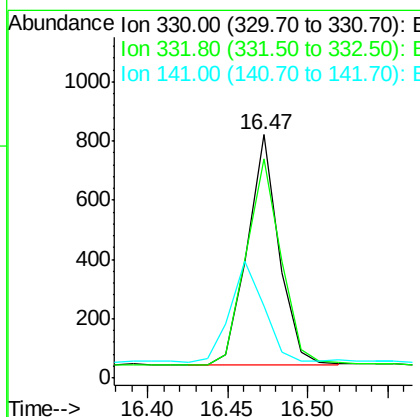
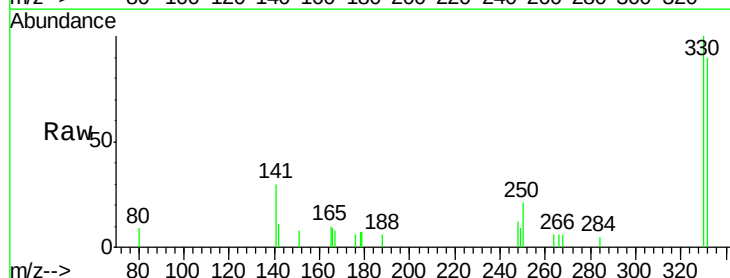
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

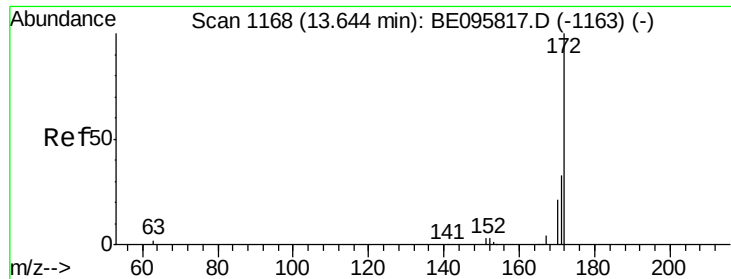
Tot Ion:164 Resp: 2483
Ion Ratio Lower Upper
164 100
162 108.8 83.1 124.7
160 47.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 1.197 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:330 Resp: 1066
Ion Ratio Lower Upper
330 100
332 100.8 152.7 229.1#
141 45.9 33.7 50.5

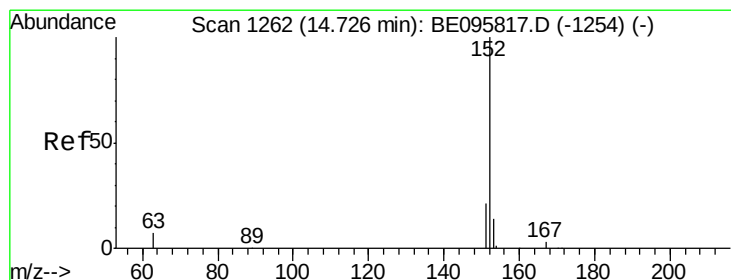
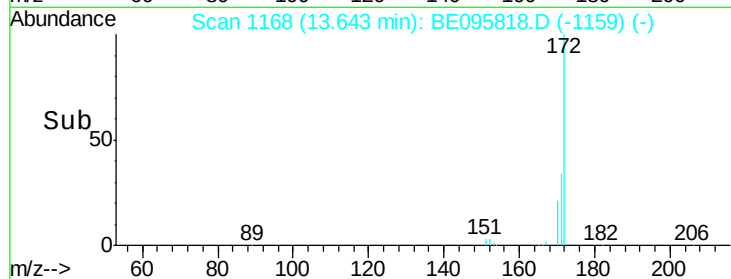
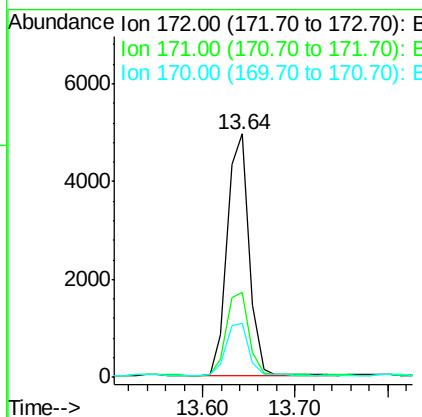
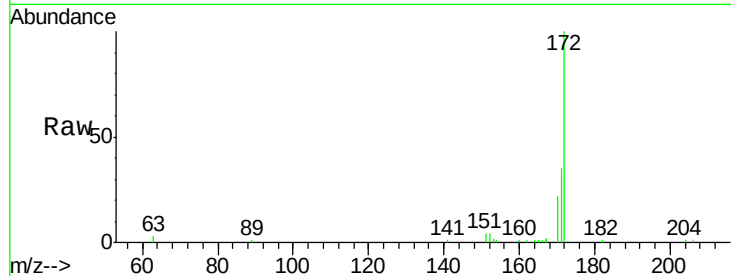




#15
2-Fluorobiphenyl
Concen: 0.730 ng
RT: 13.64 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

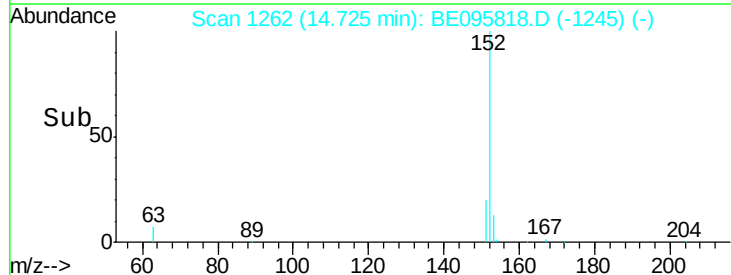
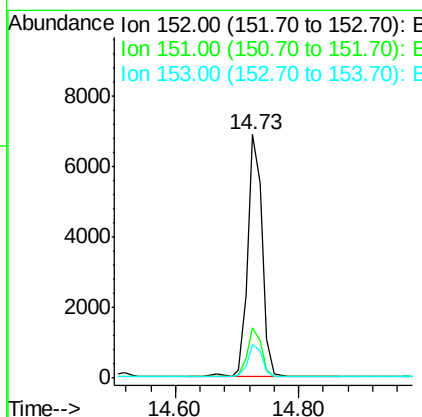
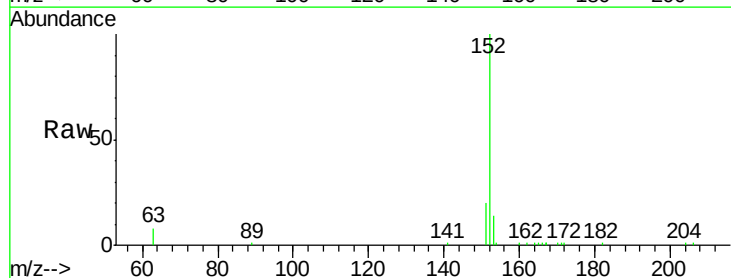
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

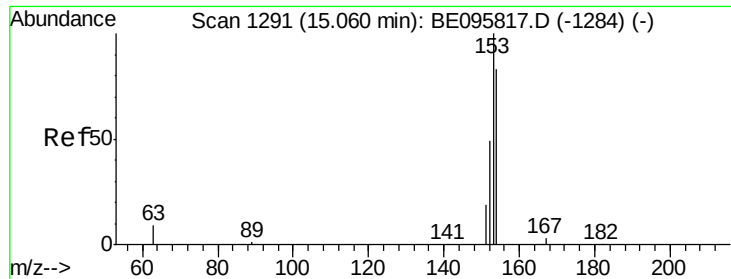
Tot Ion:172 Resp: 8094
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 22.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.799 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:152 Resp: 11146
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7

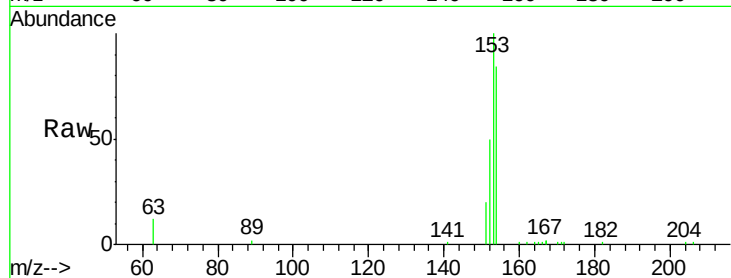




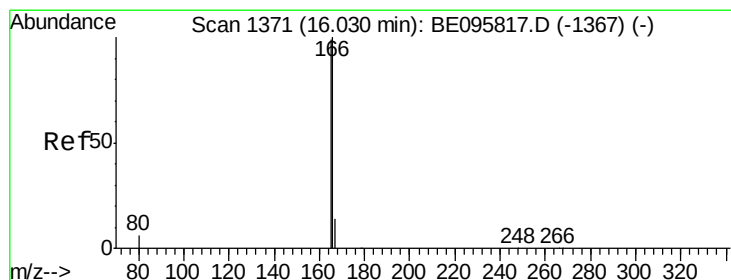
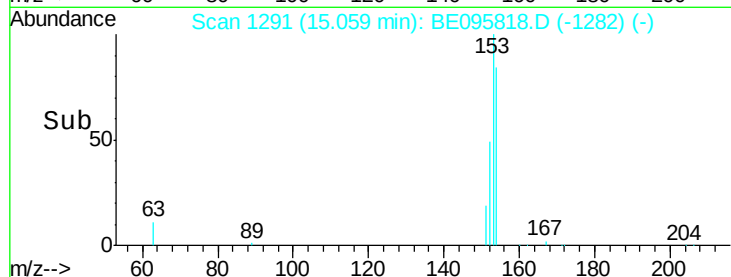
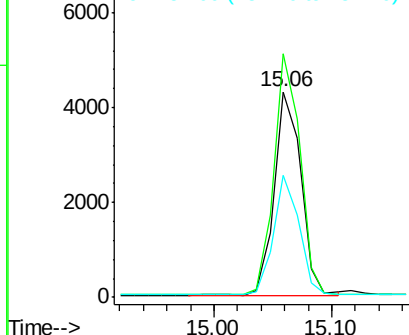
#17
Acenaphthene
Concen: 0.765 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:154 Resp: 6705
Ion Ratio Lower Upper
154 100
153 115.8 89.2 133.8
152 56.3 42.0 63.0

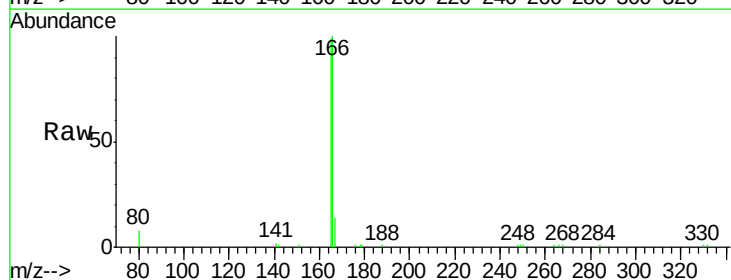


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

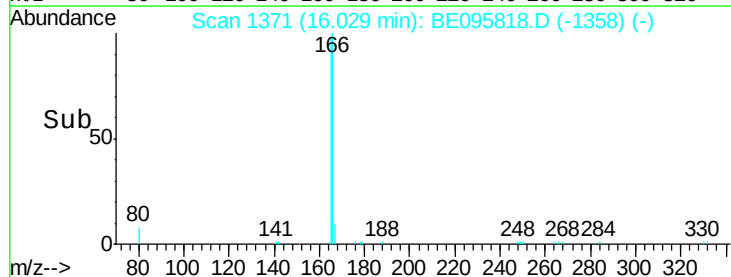
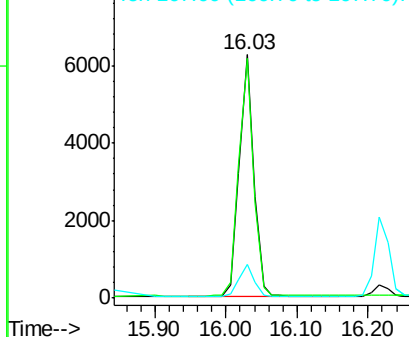


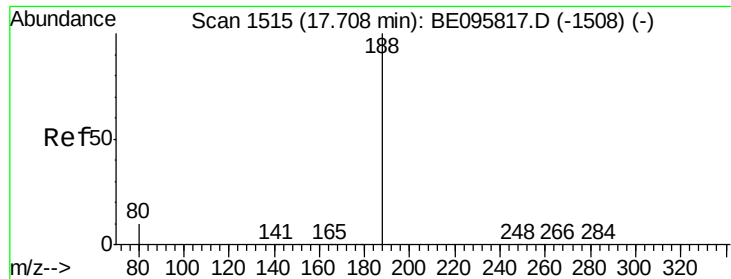
#18
Fluorene
Concen: 0.811 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:166 Resp: 8807
Ion Ratio Lower Upper
166 100
165 99.7 77.8 116.6
167 13.6 42.4 63.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

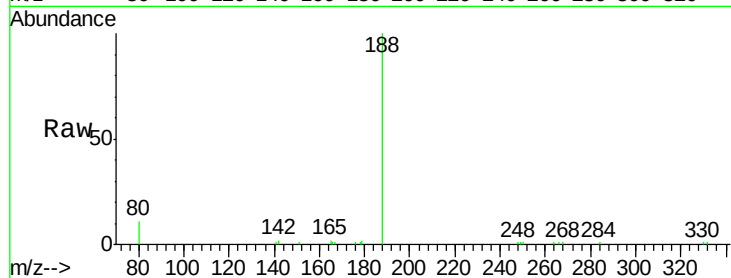
Tot Ion:188 Resp: 6307

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

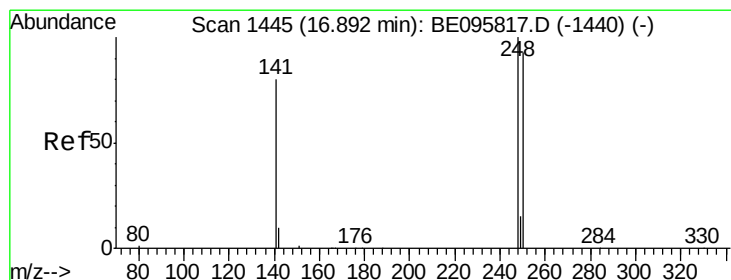
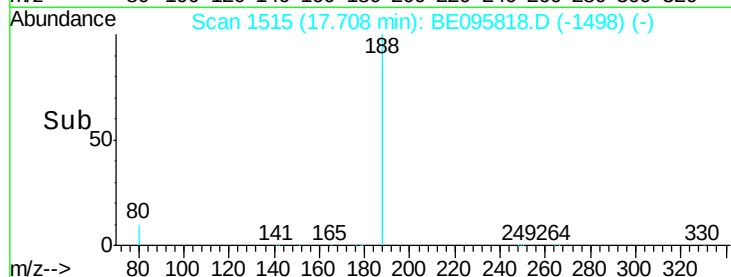
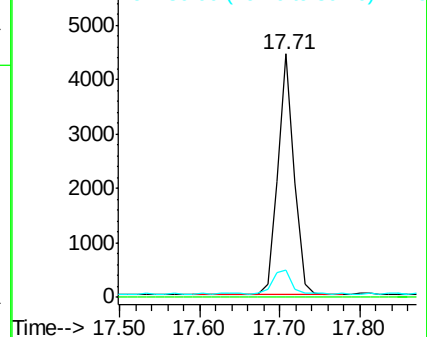
80 11.4 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.750 ng

RT: 16.89 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

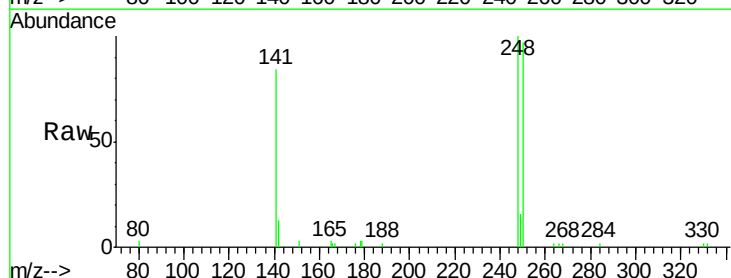
Tgt Ion:248 Resp: 2968

Ion Ratio Lower Upper

248 100

250 97.3 62.7 94.1#

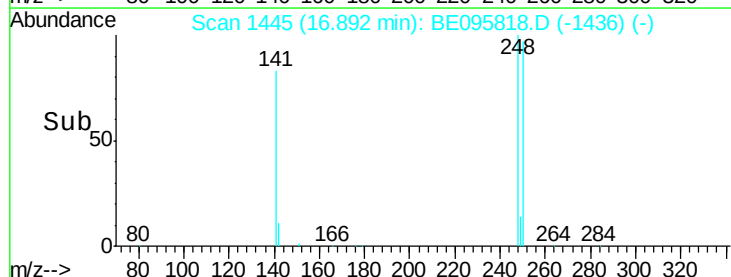
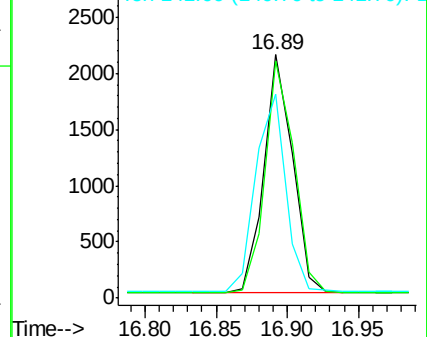
141 83.8 48.2 72.2#

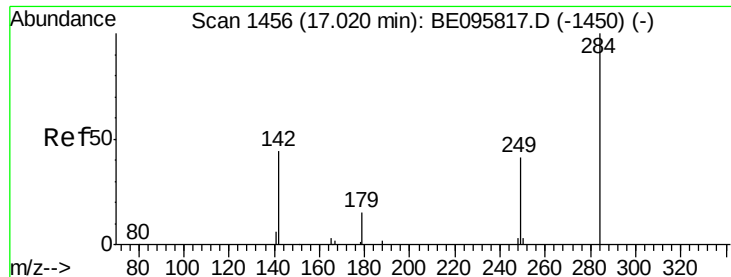


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

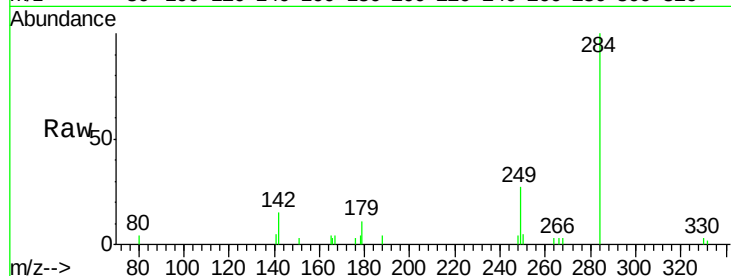




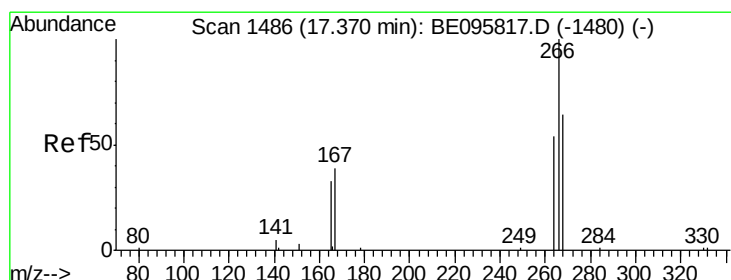
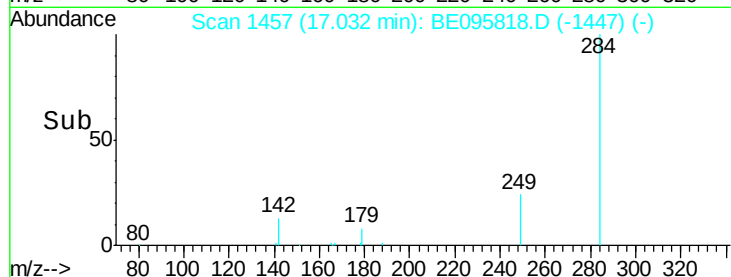
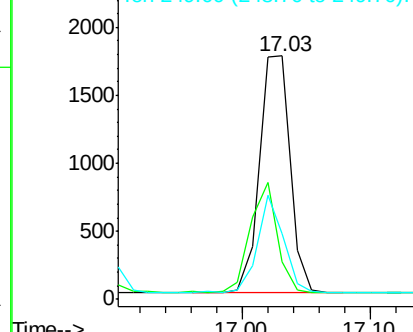
#21
Hexachlorobenzene
Concen: 0.713 ng
RT: 17.03 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:284 Resp: 2922
Ion Ratio Lower Upper
284 100
142 40.7 22.1 33.1#
249 34.1 34.8 52.2#

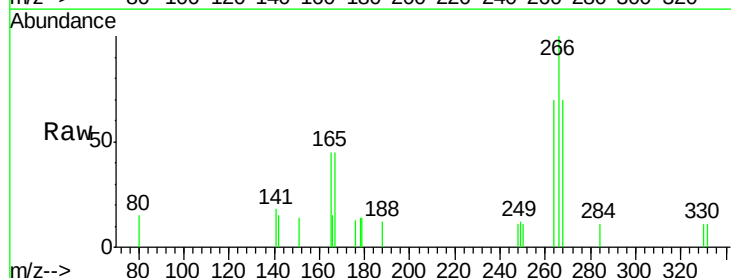


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

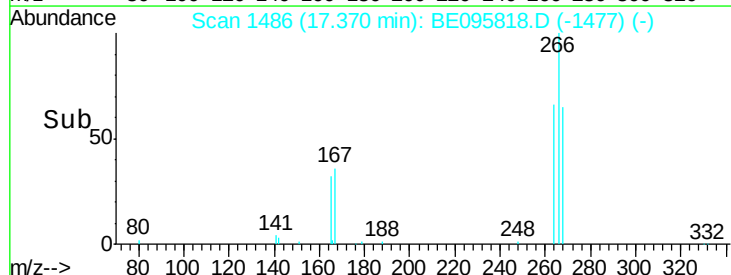
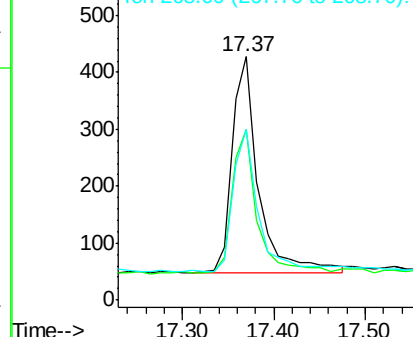


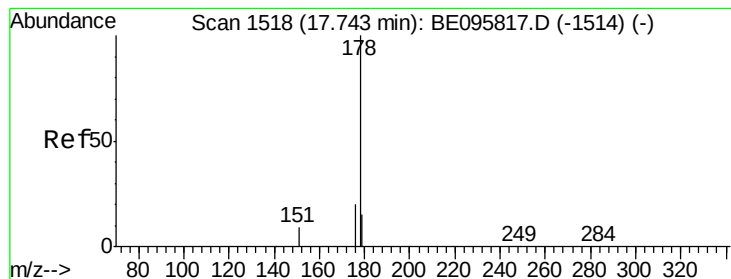
#22
Pentachlorophenol
Concen: 0.804 ng
RT: 17.37 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:266 Resp: 762
Ion Ratio Lower Upper
266 100
264 69.9 72.5 108.7#
268 70.1 73.8 110.6#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.742 ng

RT: 17.75 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

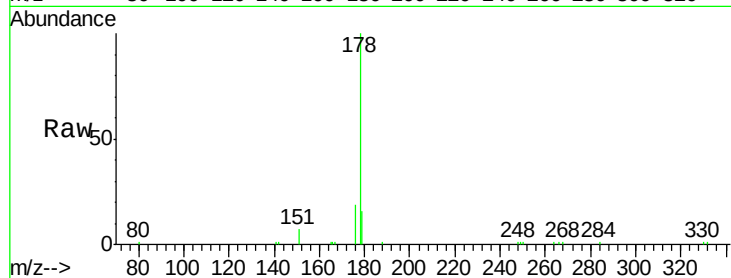
BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:178 Resp: 14632

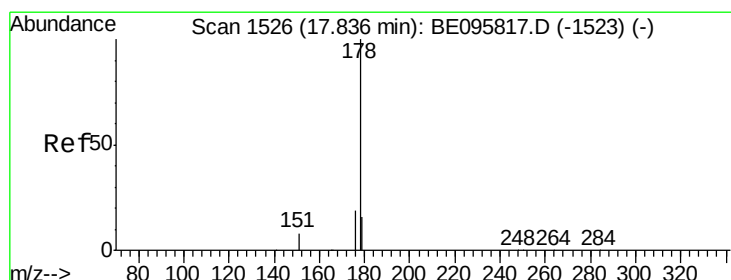
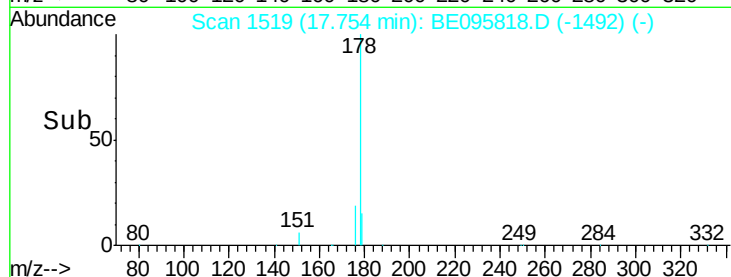
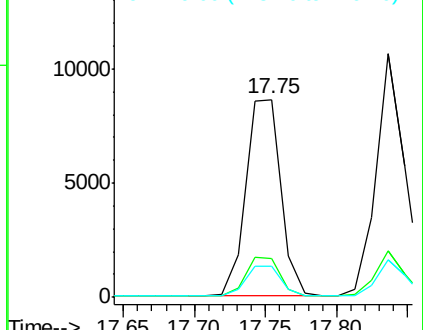
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.3	11.8	17.6



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: 0.805 ng

RT: 17.84 min Scan# 1526

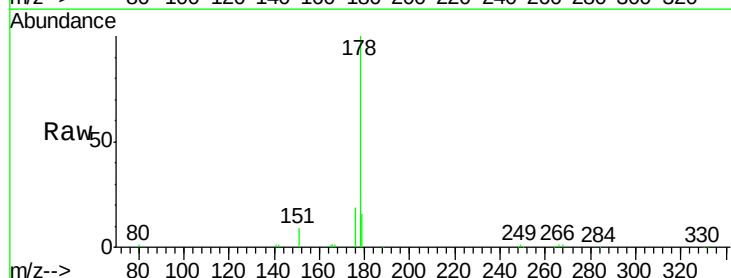
Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Tgt Ion:178 Resp: 14564

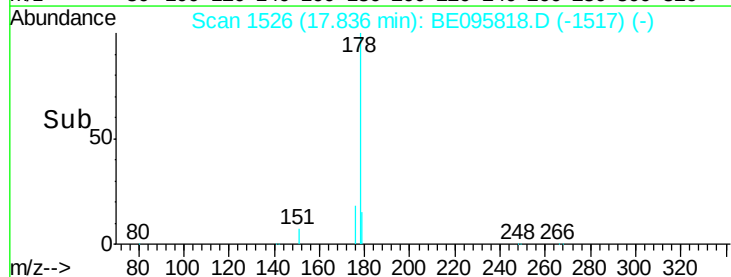
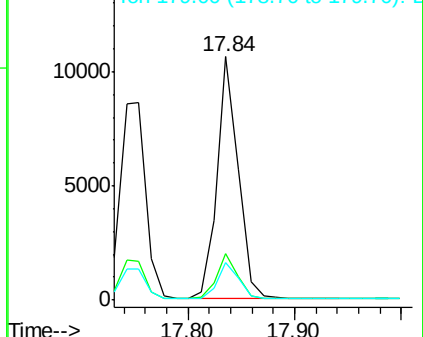
Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.4	13.0	19.6

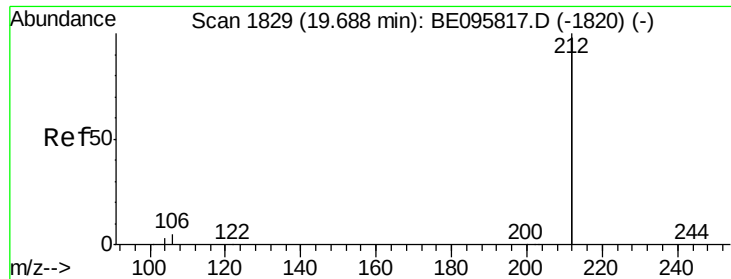


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.866 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

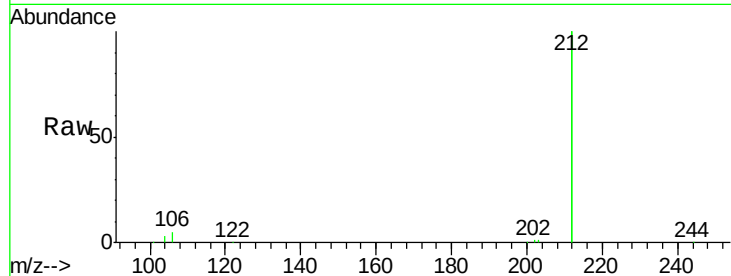
Tot Ion:212 Resp: 71372

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

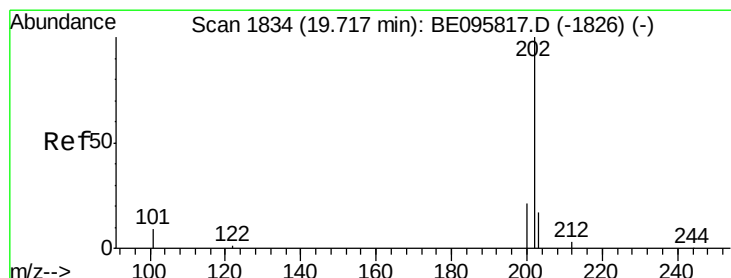
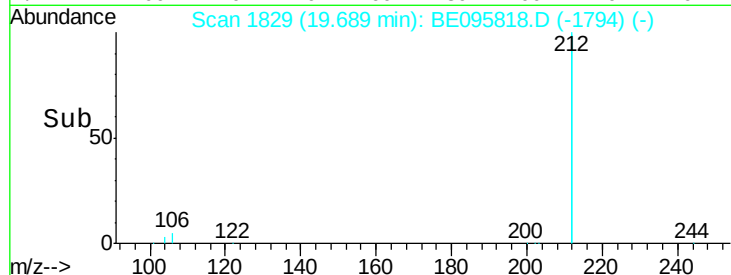
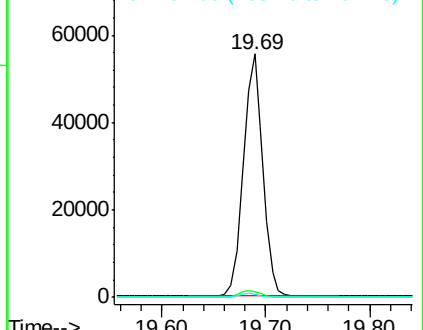
104 1.6 1.6 2.4#



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: 0.826 ng

RT: 19.72 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

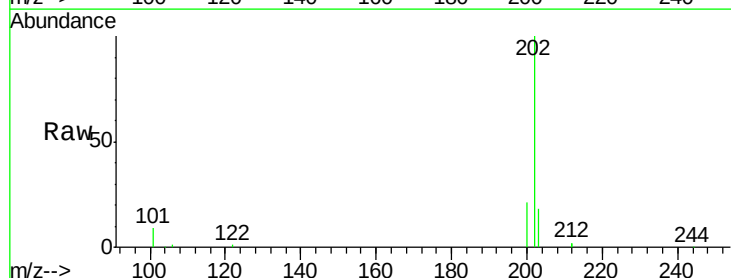
Tgt Ion:202 Resp: 20030

Ion Ratio Lower Upper

202 100

101 9.8 9.8 14.8#

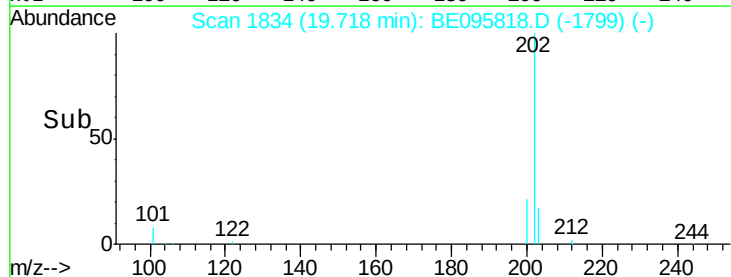
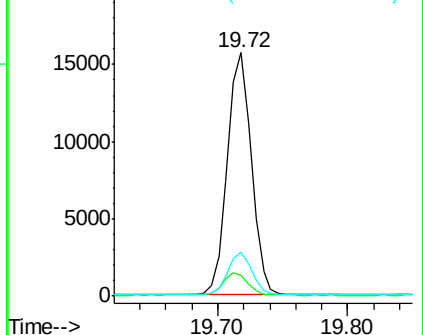
203 17.1 13.7 20.5

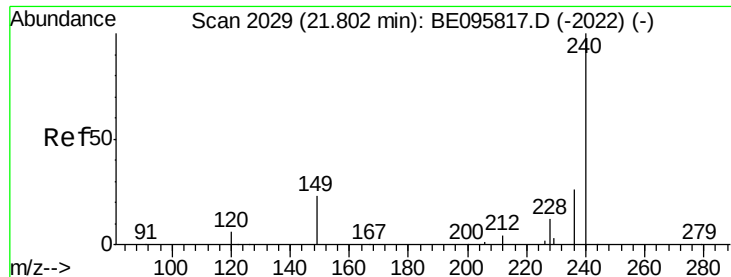


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

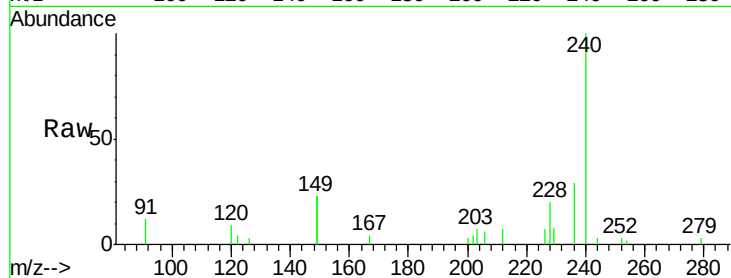
Tot Ion:240 Resp: 7373

Ion Ratio Lower Upper

240 100

120 9.0 5.5 8.3#

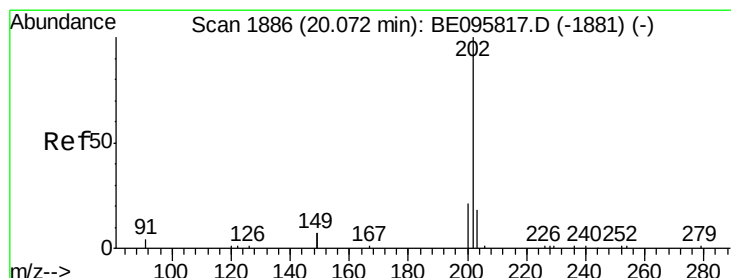
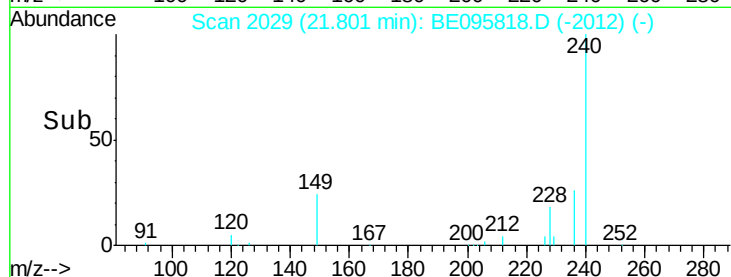
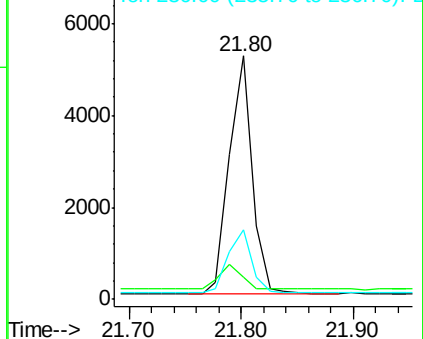
236 28.7 20.7 31.1



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: 0.731 ng

RT: 20.07 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

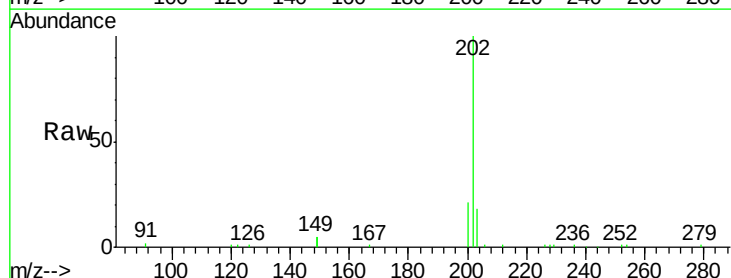
Tgt Ion:202 Resp: 22054

Ion Ratio Lower Upper

202 100

200 26.6 16.6 25.0#

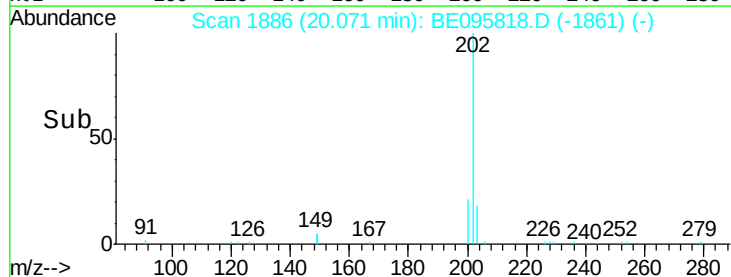
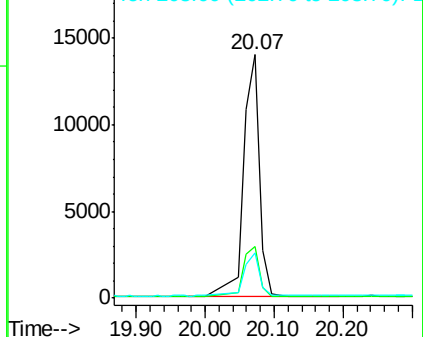
203 19.0 13.8 20.8

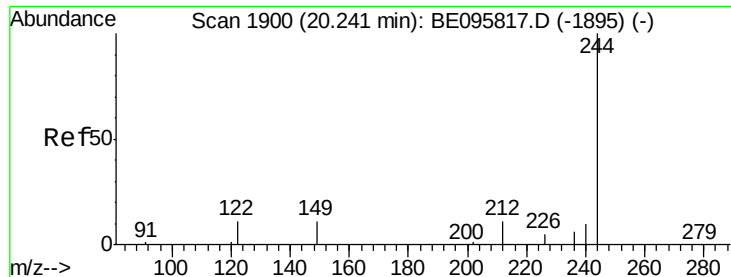


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.837 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

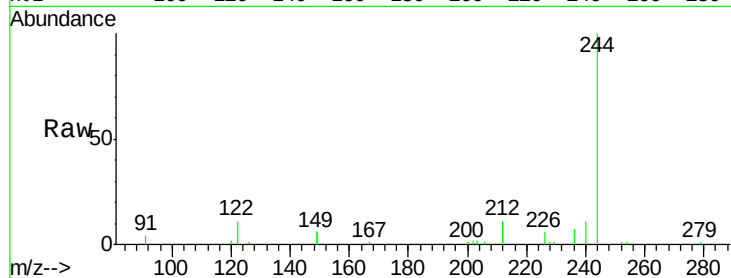
Tot Ion:244 Resp: 12298

Ion Ratio Lower Upper

244 100

212 10.9 25.4 38.0#

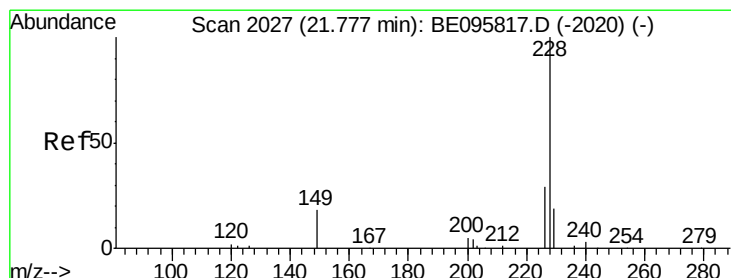
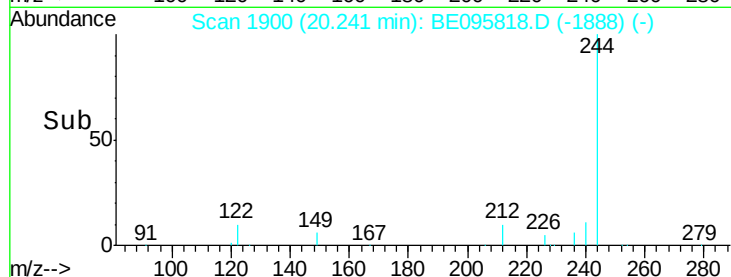
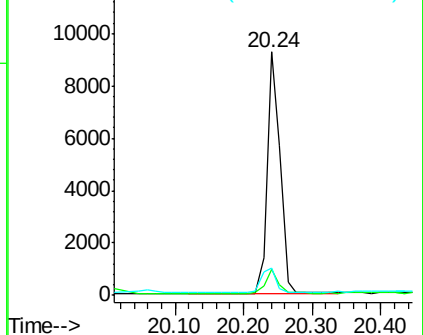
122 11.2 8.1 12.1



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: 0.822 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

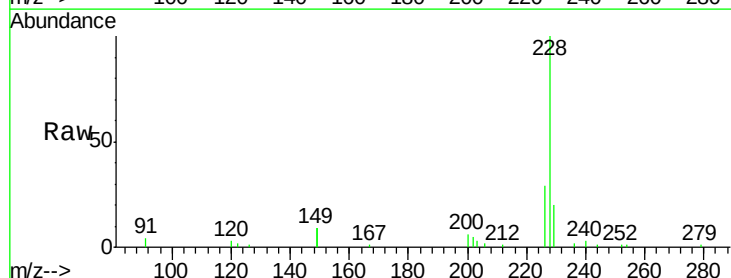
Tgt Ion:228 Resp: 19773

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

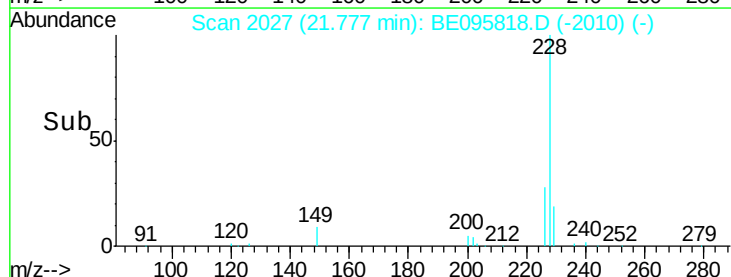
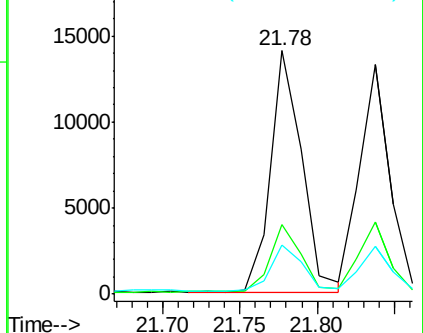
229 20.1 16.0 24.0

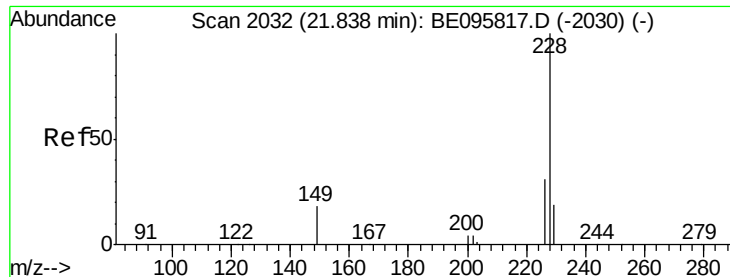


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.749 ng

RT: 21.84 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

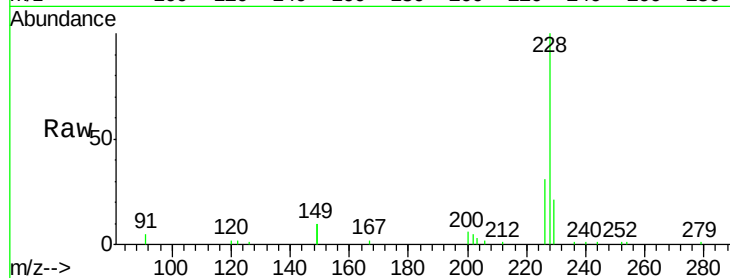
Tot Ion:228 Resp: 17908

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

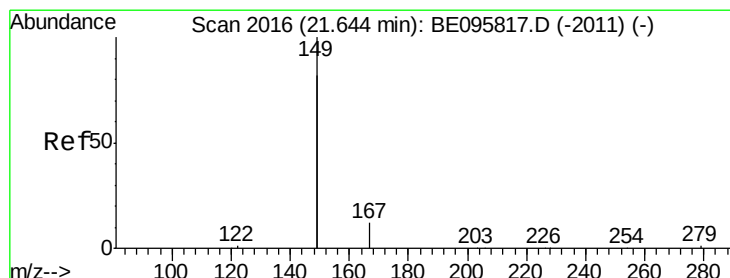
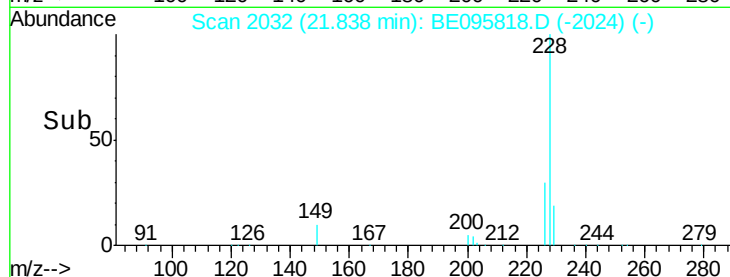
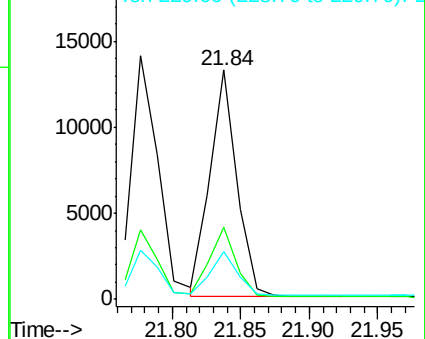
229 20.8 16.0 24.0



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: 1.272 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

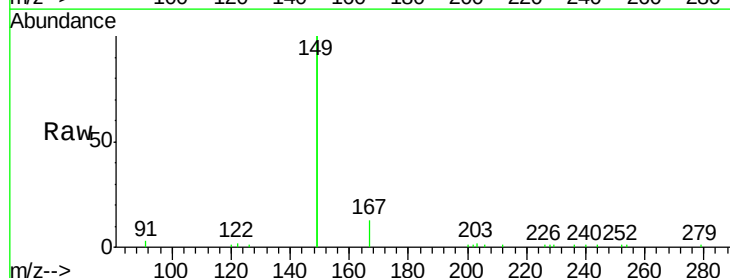
Tgt Ion:149 Resp: 54132

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

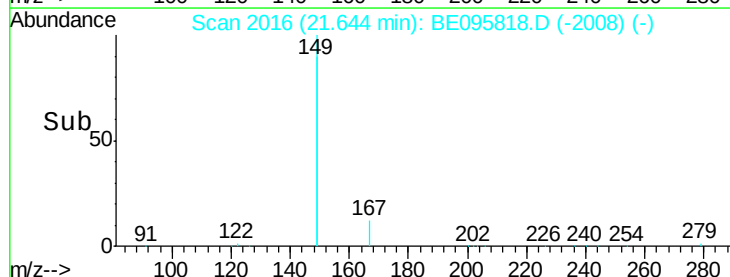
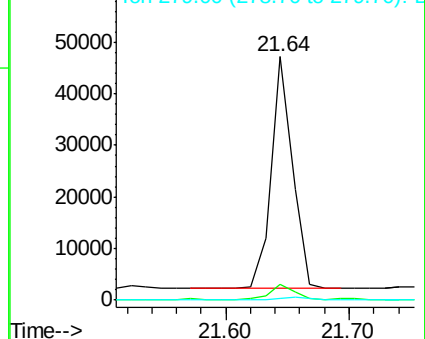
279 1.1 0.7 1.1#

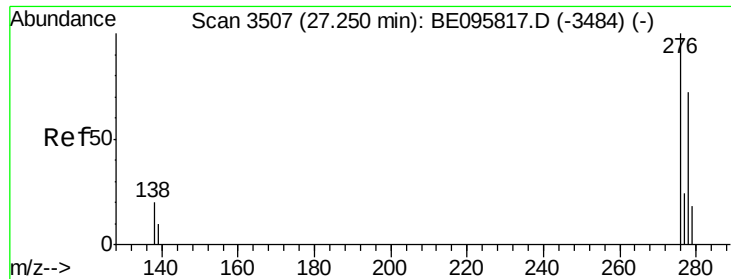


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.840 ng

RT: 27.24 min Scan# 3505

Delta R.T. -0.01 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

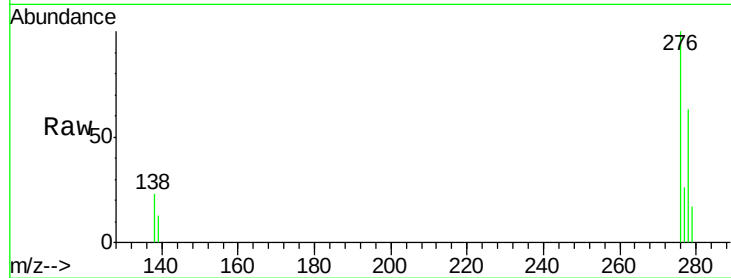
Tot Ion:276 Resp: 19481

Ion Ratio Lower Upper

276 100

138 22.0 22.5 33.7#

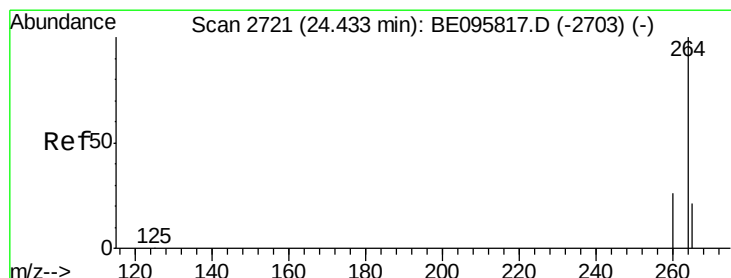
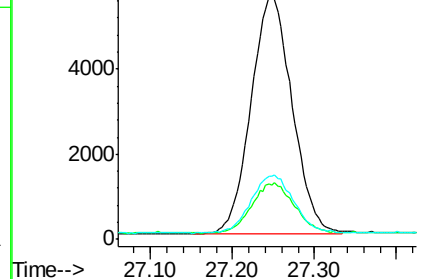
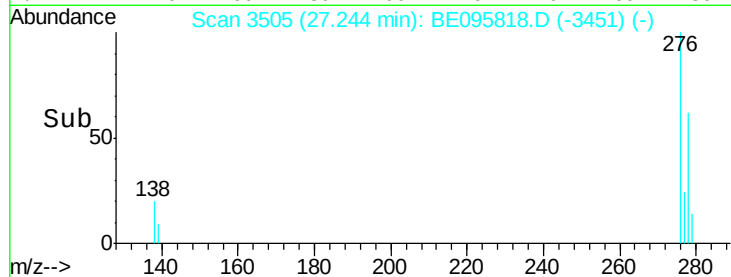
277 25.4 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.43 min Scan# 2720

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

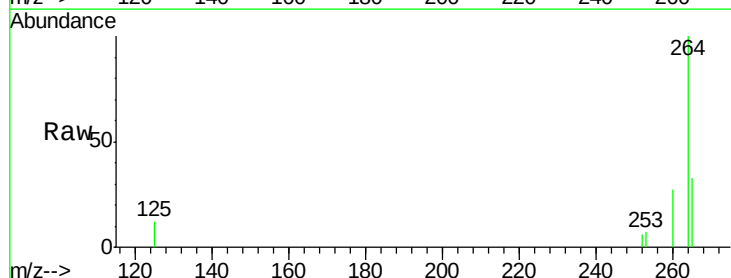
Tgt Ion:264 Resp: 7132

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

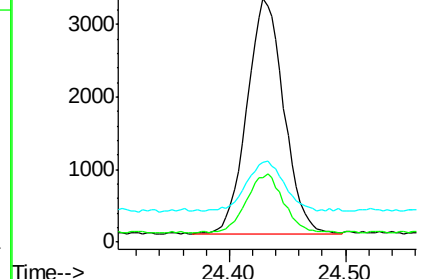
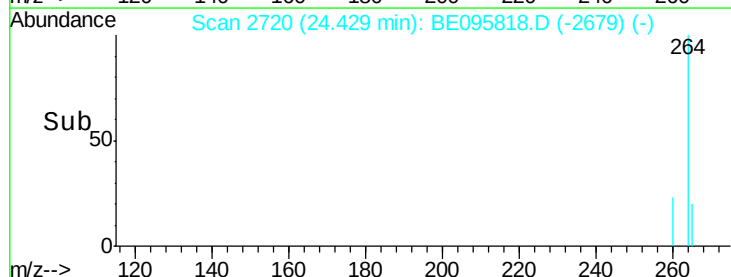
265 32.8 22.8 34.2

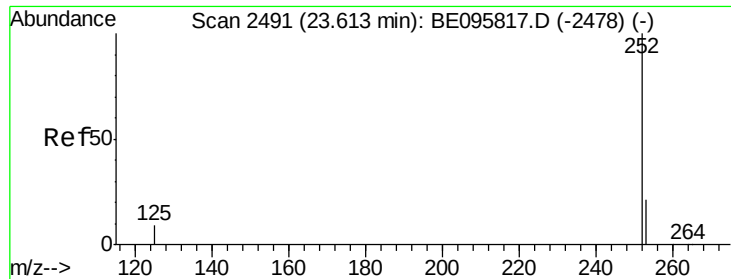


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

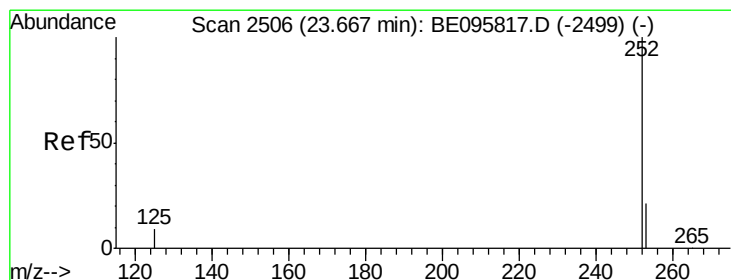
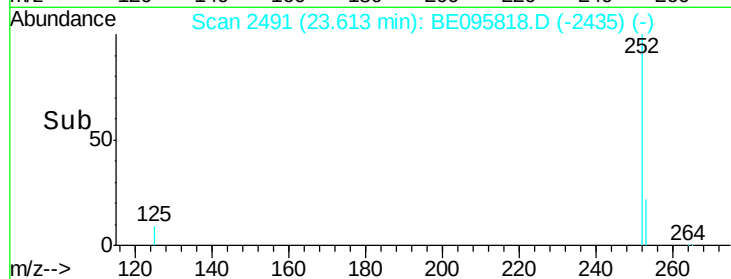
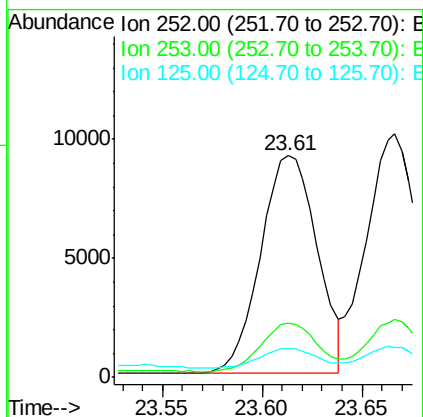
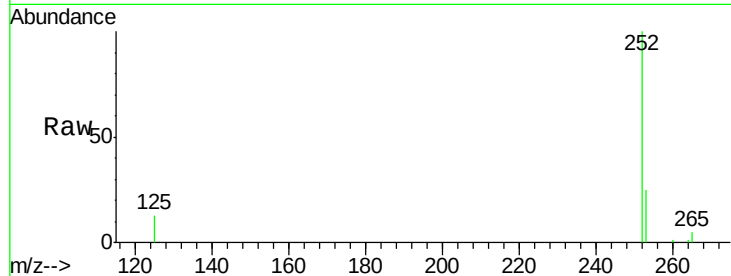




#35
Benzo(b)fluoranthene
Concen: 0.710 ng
RT: 23.61 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

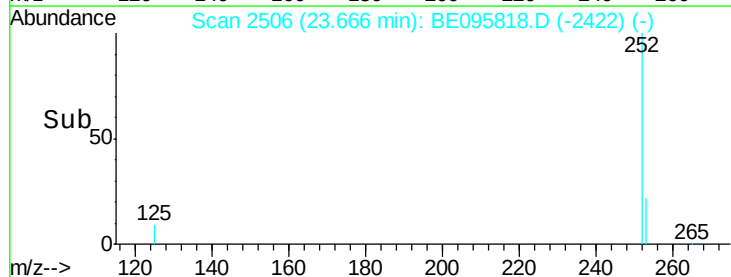
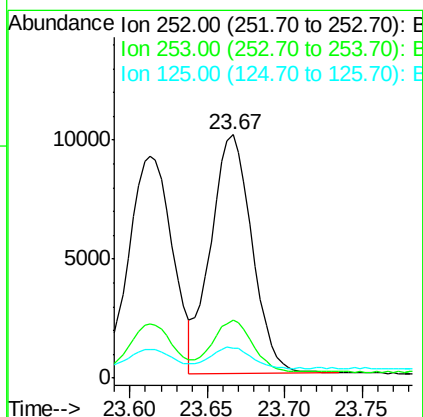
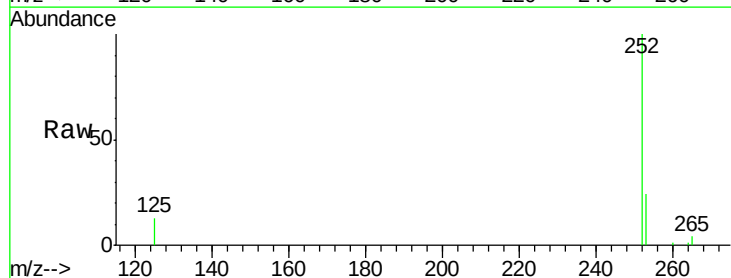
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

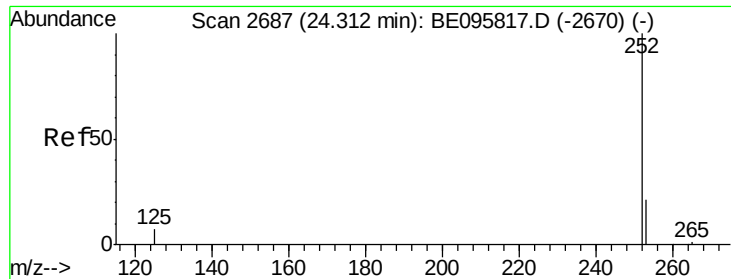
Tot Ion:252 Resp: 18026
Ion Ratio Lower Upper
252 100
253 24.5 20.0 30.0
125 13.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.738 ng
RT: 23.67 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE095818.D
Acq: 23 Mar 2018 10:33

Tgt Ion:252 Resp: 18636
Ion Ratio Lower Upper
252 100
253 23.8 16.0 24.0
125 12.5 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.753 ng

RT: 24.31 min Scan# 2687

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

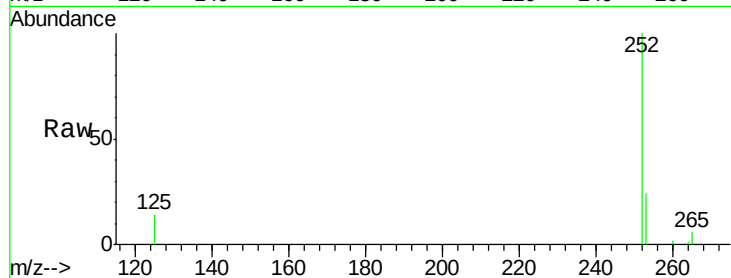
Tot Ion:252 Resp: 17246

Ion Ratio Lower Upper

252 100

253 24.3 16.0 24.0#

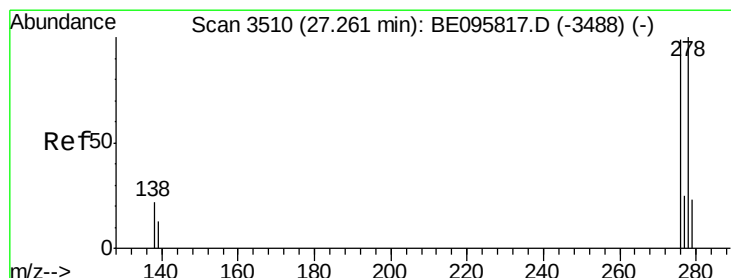
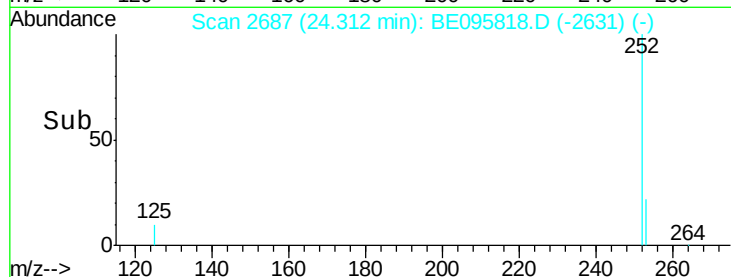
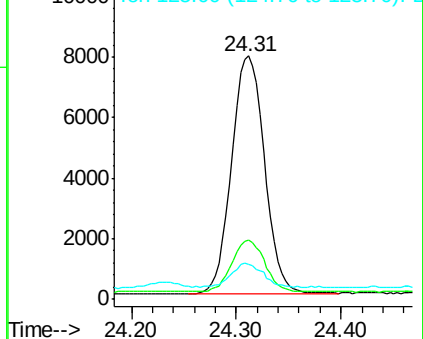
125 14.4 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.804 ng

RT: 27.26 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

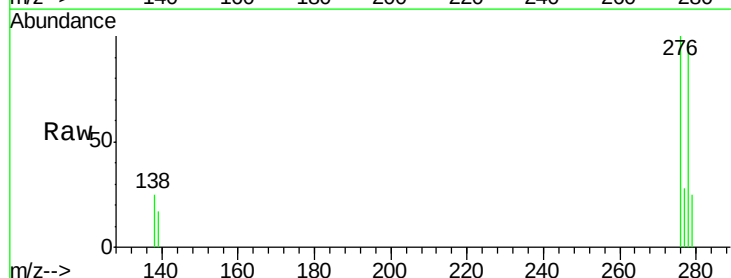
Tgt Ion:278 Resp: 16380

Ion Ratio Lower Upper

278 100

139 17.3 16.0 24.0

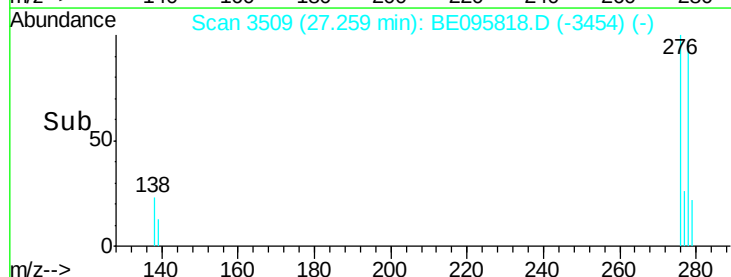
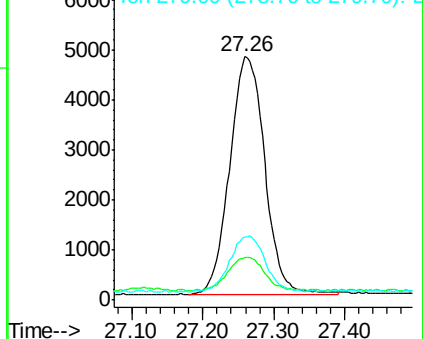
279 26.1 20.0 30.0

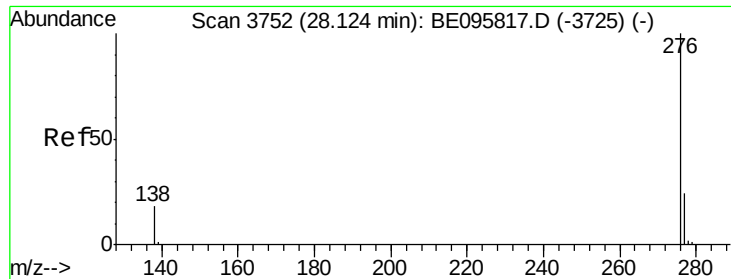


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.745 ng

RT: 28.12 min Scan# 3750

Delta R.T. -0.01 min

Lab File: BE095818.D

Acq: 23 Mar 2018 10:33

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

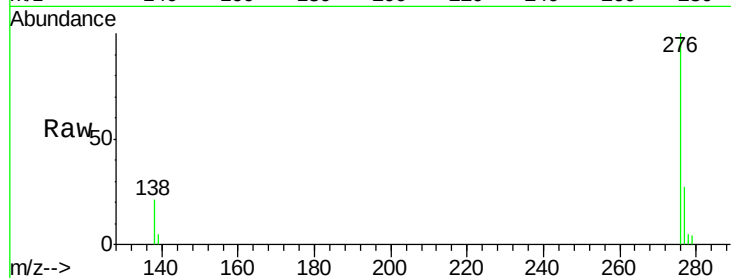
Tot Ion: 276 Resp: 16258

Ion Ratio Lower Upper

276 100

277 26.6 16.0 24.0#

138 21.5 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

