

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097080.D
 Acq On : 24 Jul 2018 20:21
 Operator : SJ/JU
 Sample : J4073-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D2-071618

Quant Time: Jul 25 00:38:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1367	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6115	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3772	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	10265	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10157	0.40	ng	-0.01
34) Perylene-d12	23.21	264	9632	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	783	0.20	ng	0.00
5) Phenol-d6	6.59	99	657	0.12	ng	0.00
8) Nitrobenzene-d5	8.53	82	2494	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4051	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	729	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6924	0.53	ng	0.00
25) Fluoranthene-d10	18.81	212	57529	0.56	ng	0.00
29) Terphenyl-d14	19.42	244	13602	0.70	ng	0.00

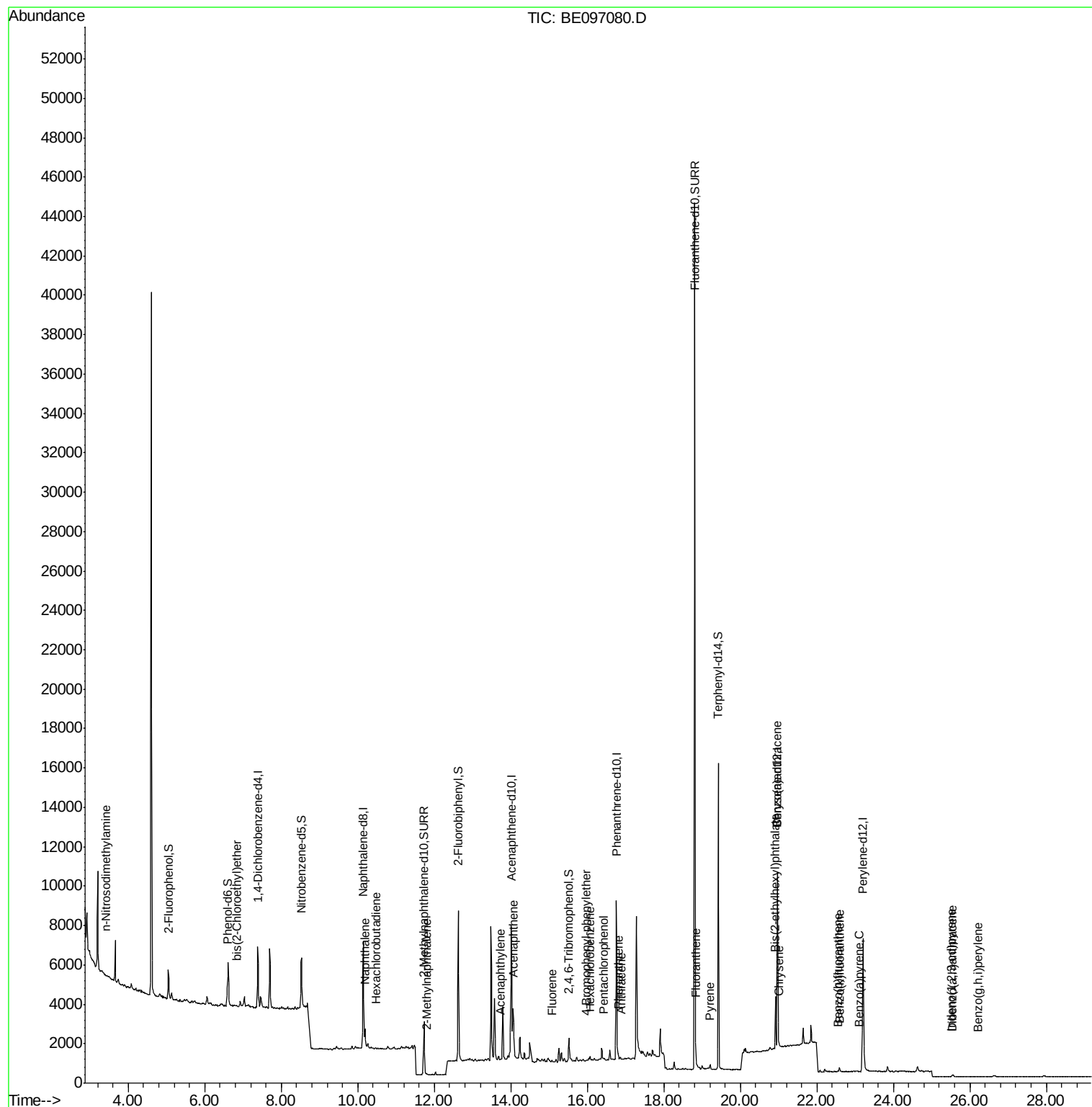
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.42	42	24	0.010	ng	# 40
6) bis(2-Chloroethyl)ether	6.84	93	20	0.004	ng	# 1
9) Naphthalene	10.20	128	1609	0.029	ng	# 87
10) Hexachlorobutadiene	10.47	225	12	0.005	ng	# 33
12) 2-Methylnaphthalene	11.80	142	31	0.003	ng	# 58
16) Acenaphthylene	13.74	152	17	0.001	ng	# 61
17) Acenaphthene	14.07	154	77	0.008	ng	# 24
18) Fluorene	15.07	166	71	0.005	ng	# 68
20) 4-Bromophenyl-phenylether	15.98	248	22	0.004	ng	# 46
21) Hexachlorobenzene	16.08	284	7	0.001	ng	# 1
22) Pentachlorophenol	16.43	266	12	0.044	ng	# 95
23) Phenanthrene	16.81	178	250	0.010	ng	# 84
24) Anthracene	16.89	178	23	0.001	ng	# 39
26) Fluoranthene	18.84	202	104	0.004	ng	# 85
28) Pyrene	19.21	202	77	0.003	ng	# 1
30) Benzo(a)anthracene	20.97	228	62	0.002	ng	# 5
31) Chrysene	21.00	228	45	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	20.92	149	3186	0.116	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	5	0.000	ng	# 35
35) Benzo(b)fluoranthene	22.54	252	42	0.002	ng	# 1
36) Benzo(k)fluoranthene	22.59	252	38	0.001	ng	# 1
37) Benzo(a)pyrene	23.10	252	15	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	4	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.21	276	1	0.000	ng	# 1

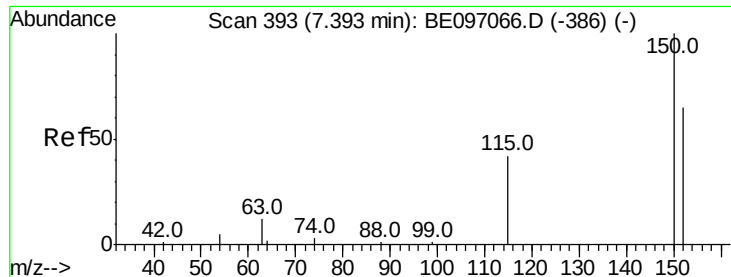
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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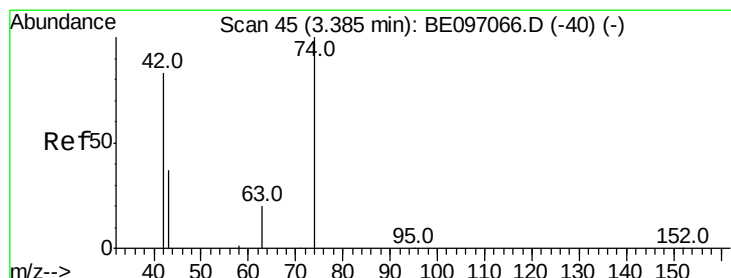
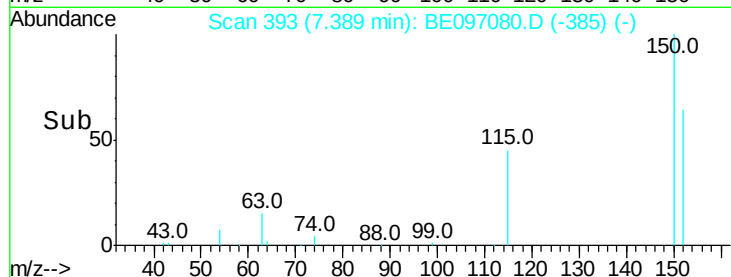
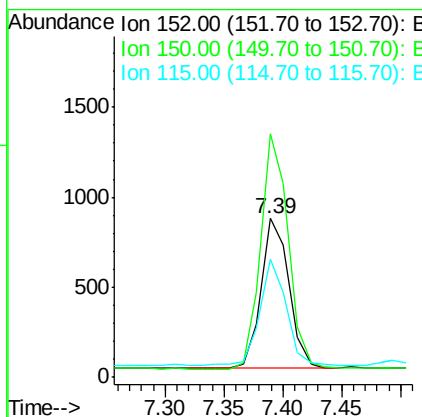
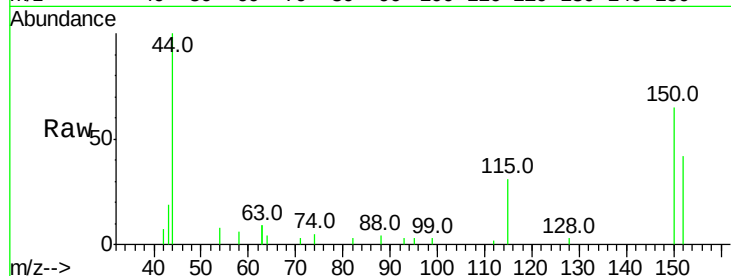


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

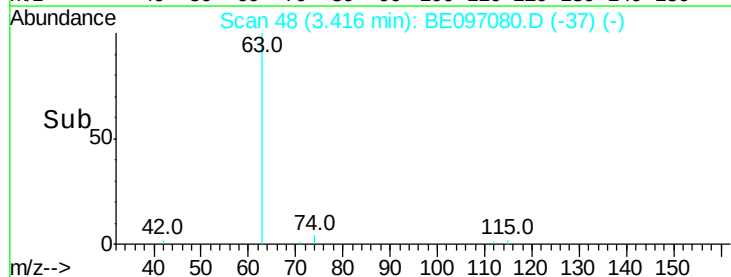
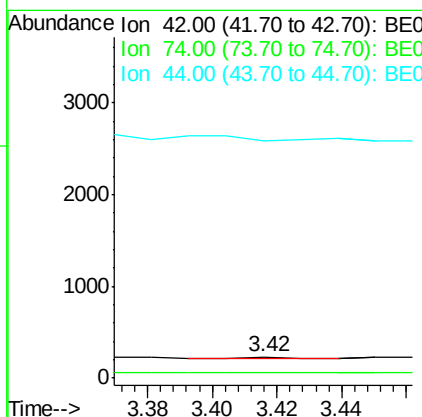
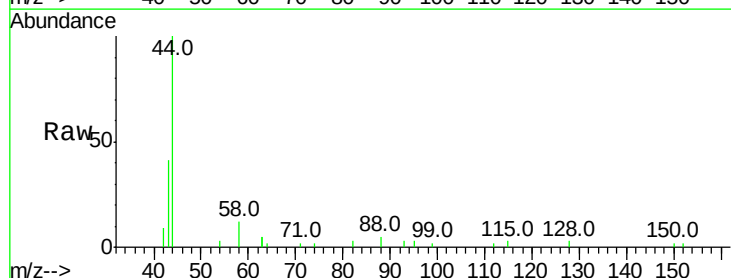
Tot Ion:152 Resp: 1367
Ion Ratio Lower Upper
152 100
150 153.3 117.2 175.8
115 74.5 57.0 85.6

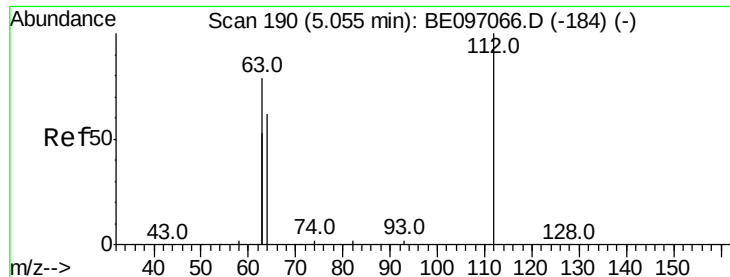


#3

n-Nitrosodimethylamine
Concen: 0.010 ng
RT: 3.42 min Scan# 48
Delta R.T. 0.03 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion: 42 Resp: 24
Ion Ratio Lower Upper
42 100
74 50.0 96.0 144.0#
44 0.0 12.0 18.0#





#4

2-Fluorophenol

Concen: 0.204 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

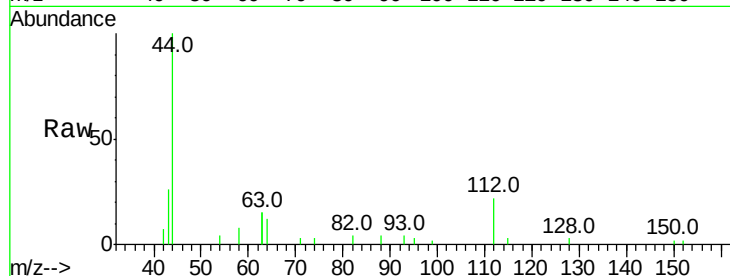
Tot Ion:112 Resp: 783

Ion Ratio Lower Upper

112 100

64 67.3 60.1 90.1

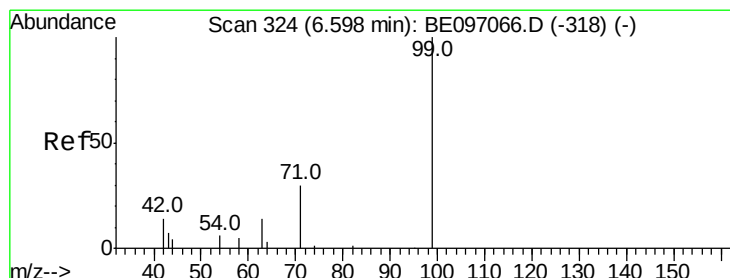
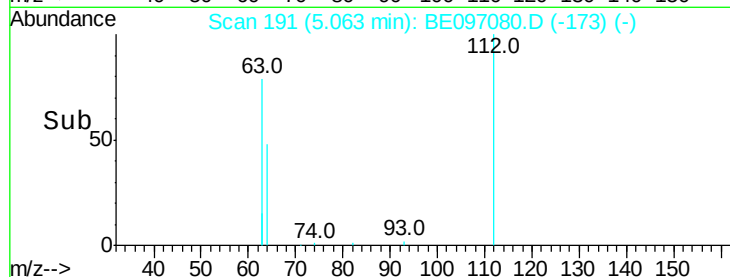
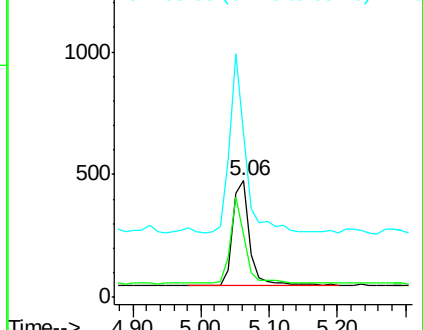
63 153.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.117 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

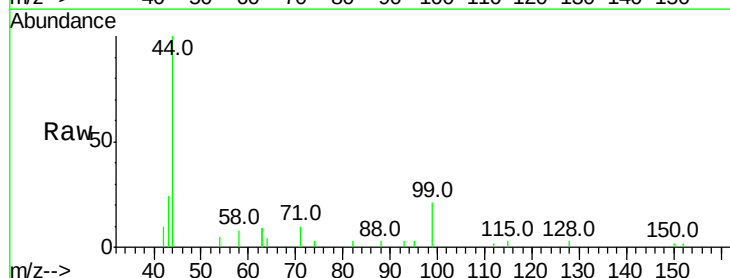
Tgt Ion: 99 Resp: 657

Ion Ratio Lower Upper

99 100

42 36.2 20.2 30.2#

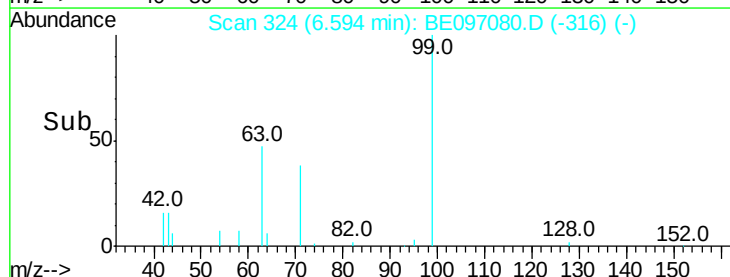
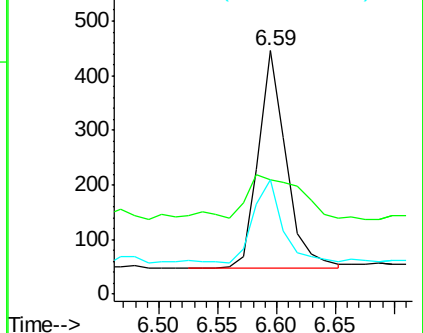
71 37.6 28.4 42.6

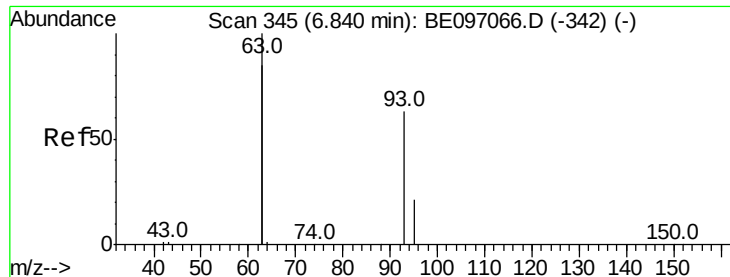


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

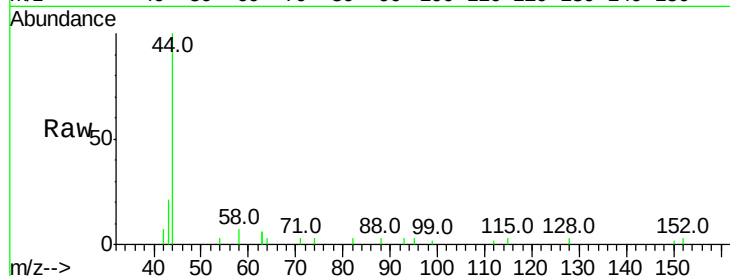
Tot Ion: 93 Resp: 20

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

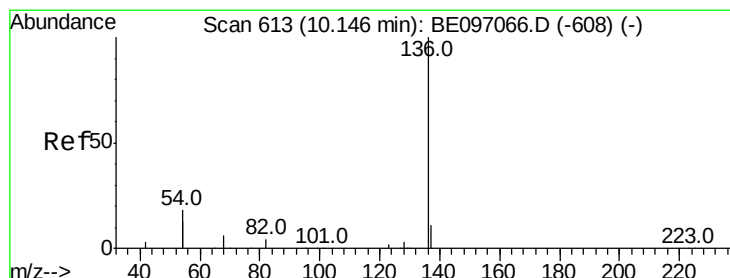
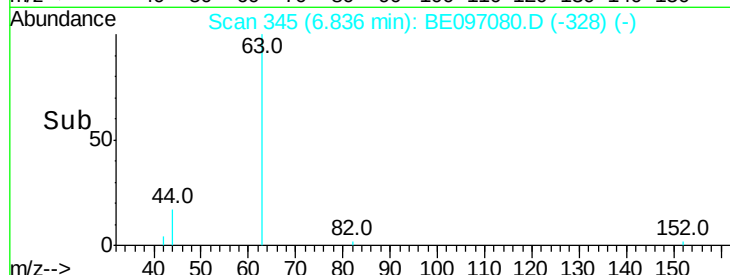
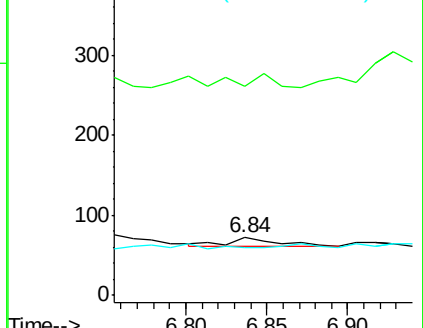
95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Tgt Ion:136 Resp: 6115

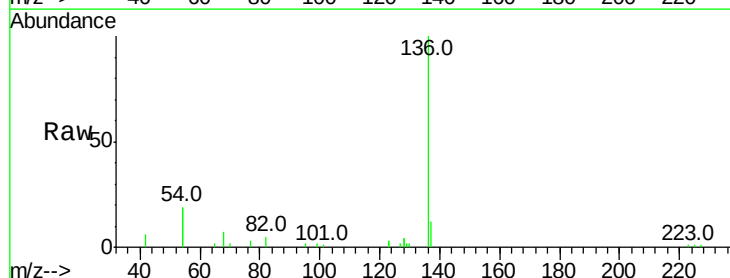
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 37.5 29.1 43.7

68 7.4 6.2 9.2

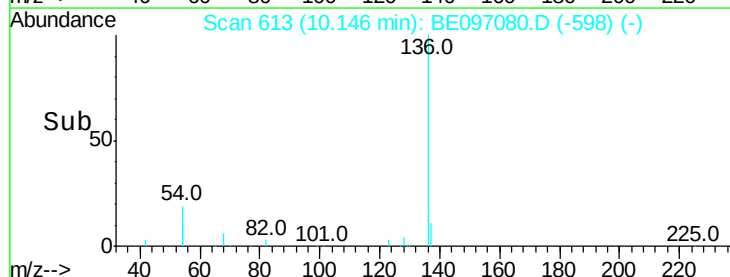
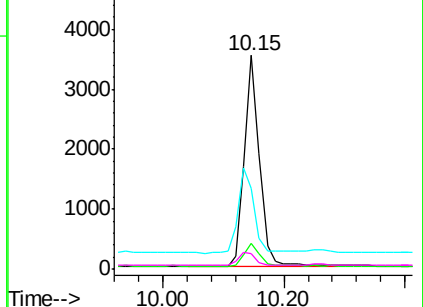


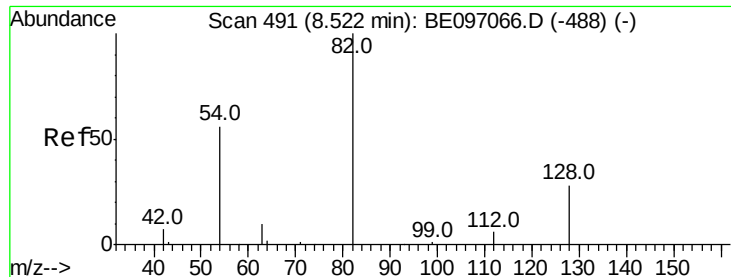
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.469 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

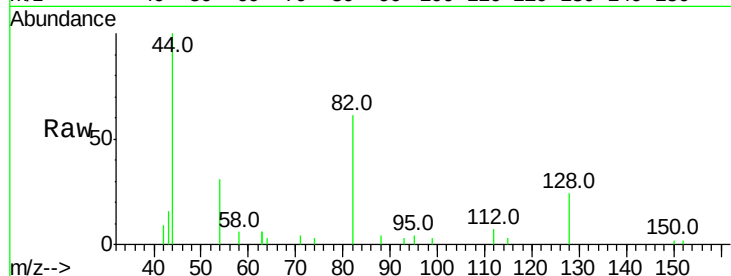
Tot Ion: 82 Resp: 2494

Ion Ratio Lower Upper

82 100

128 39.5 24.0 36.0#

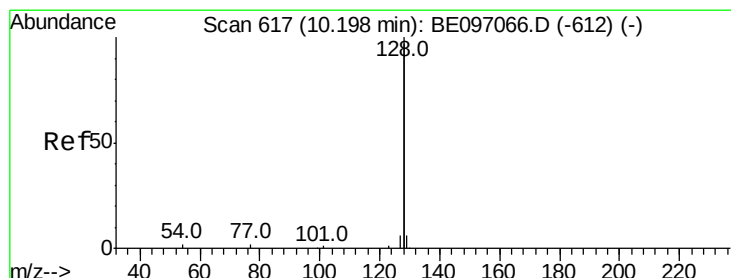
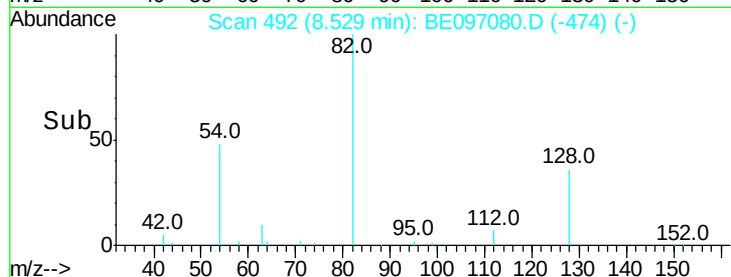
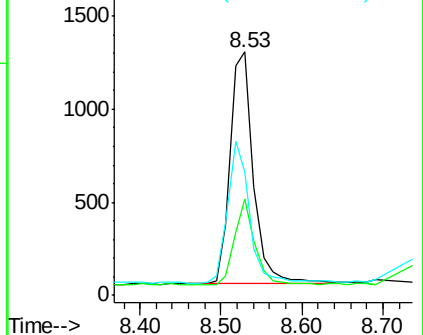
54 50.5 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.029 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

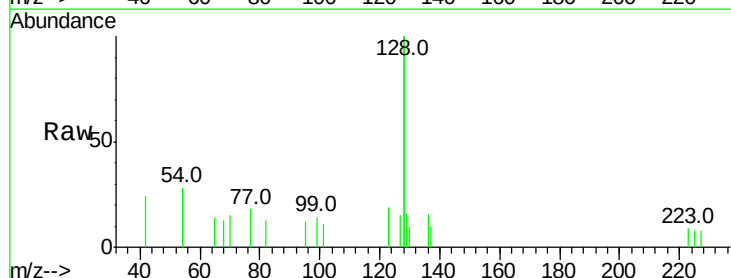
Tgt Ion:128 Resp: 1609

Ion Ratio Lower Upper

128 100

129 7.9 2.6 3.8#

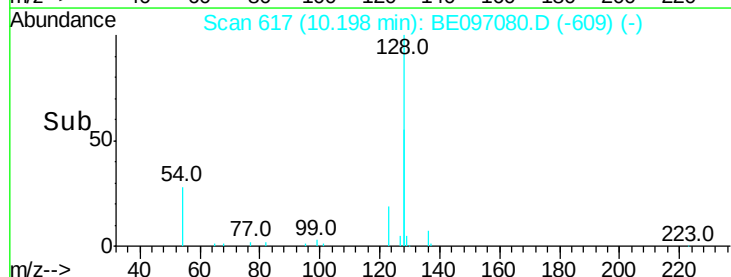
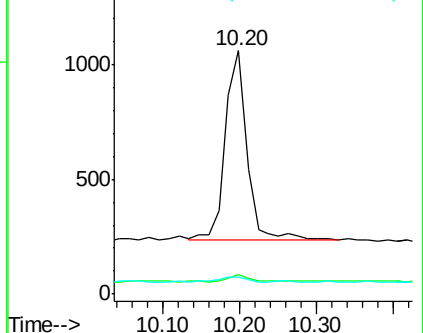
127 7.3 2.8 4.2#

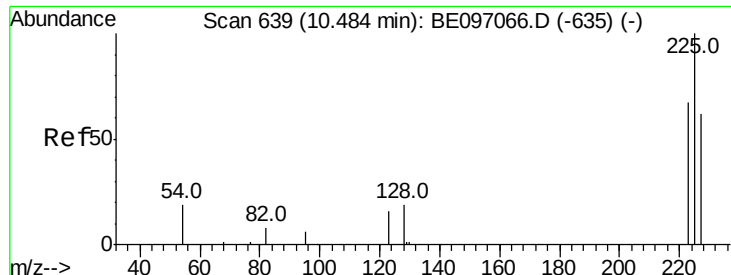


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

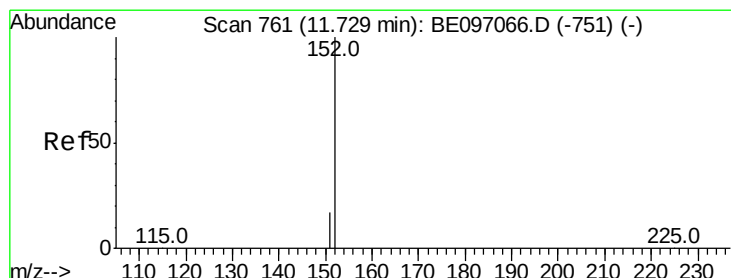
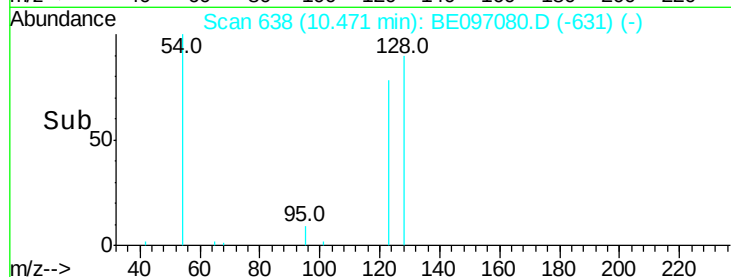
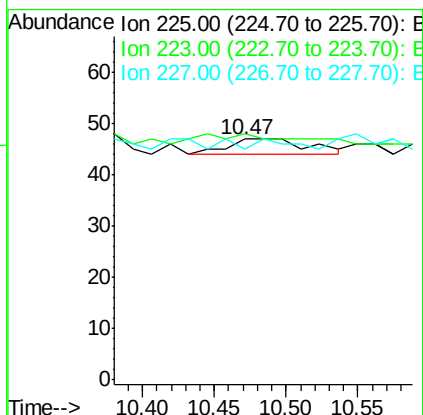
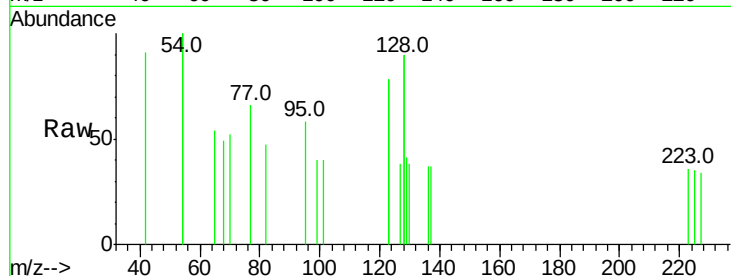




#10
Hexachlorobutadiene
Concen: 0.005 ng
RT: 10.47 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

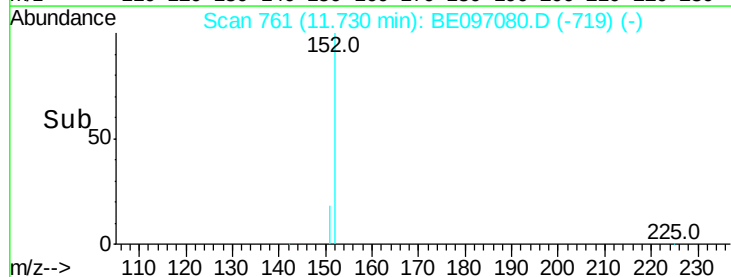
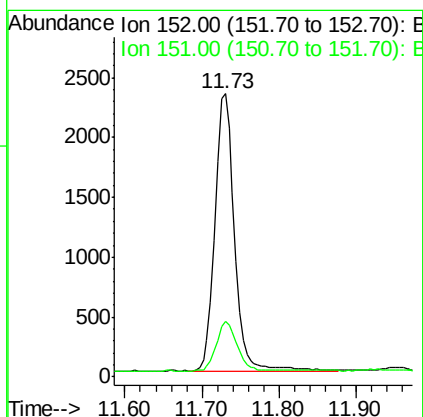
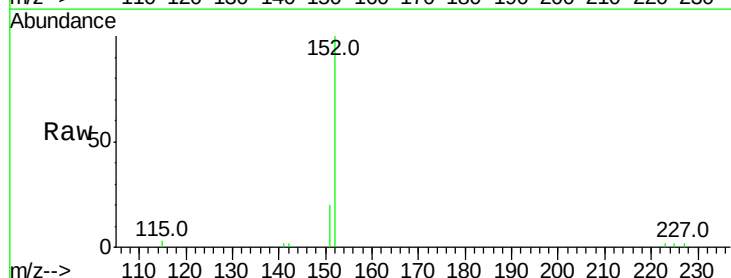
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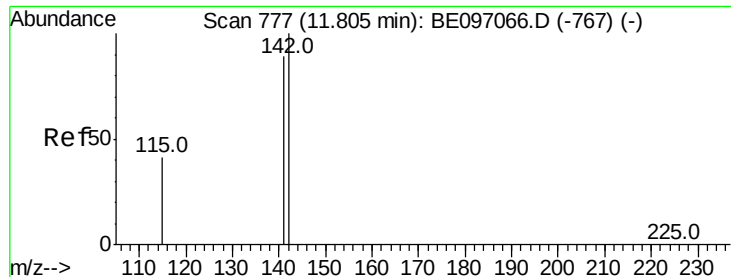
Tot Ion:225 Resp: 12
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 25.0 51.4 77.2#



#11
2-Methylnaphthalene-d10
Concen: 0.443 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:152 Resp: 4051
Ion Ratio Lower Upper
152 100
151 18.7 15.4 23.0





#12

2-Methylnaphthalene

Concen: 0.003 ng

RT: 11.80 min Scan# 776

Delta R.T. -0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

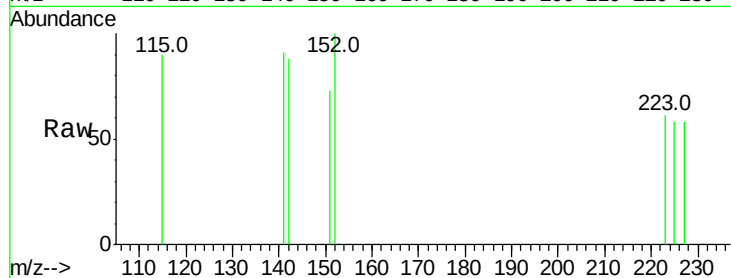
Tot Ion:142 Resp: 31

Ion Ratio Lower Upper

142 100

141 102.9 70.4 105.6

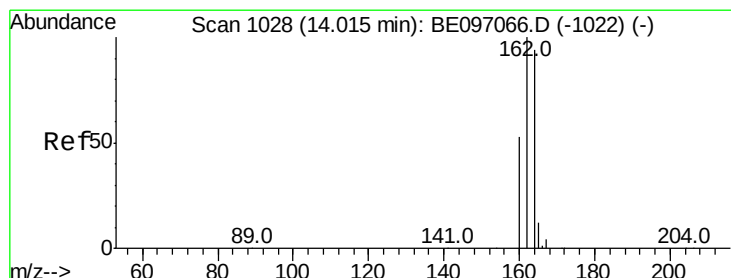
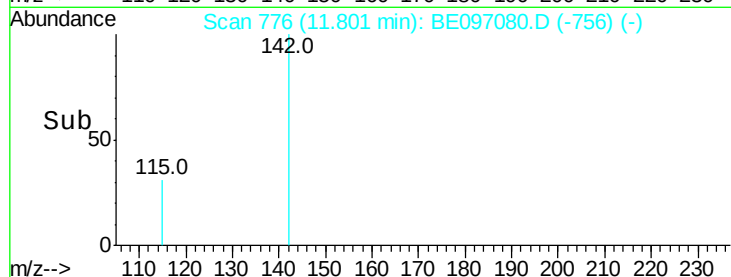
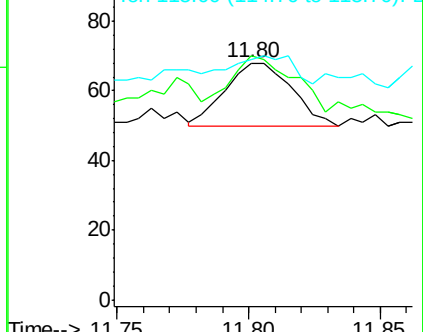
115 101.5 31.7 47.5#



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: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

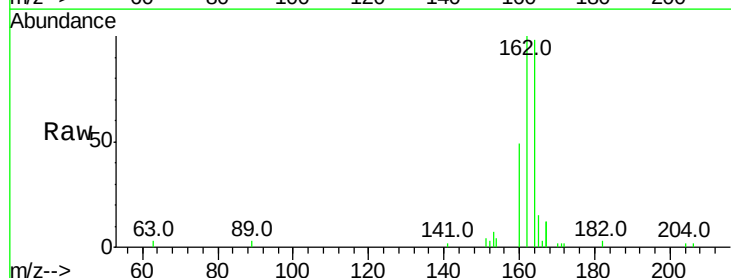
Tgt Ion:164 Resp: 3772

Ion Ratio Lower Upper

164 100

162 102.1 83.1 124.7

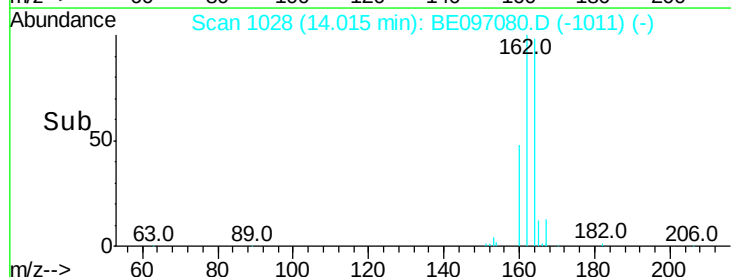
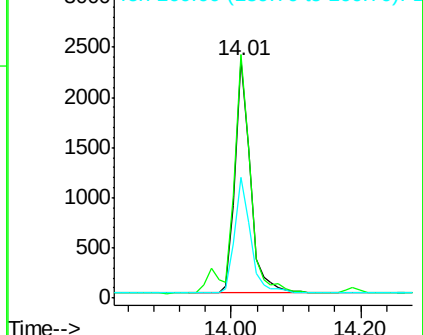
160 50.5 37.1 55.7

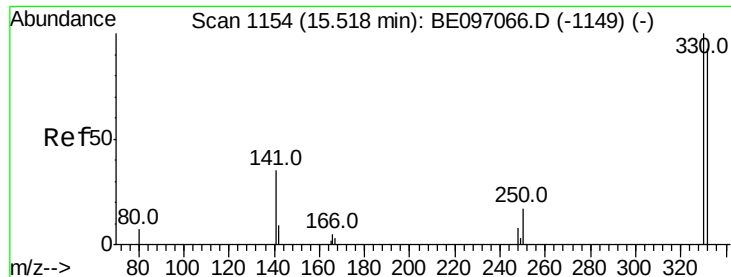


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

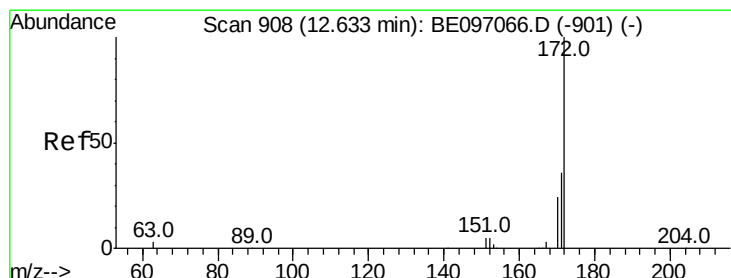
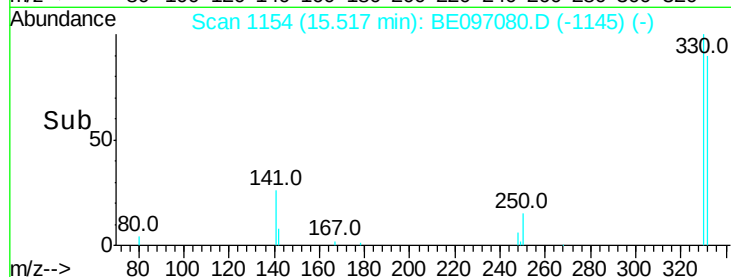
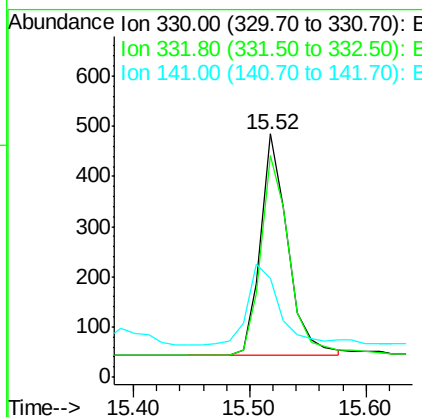
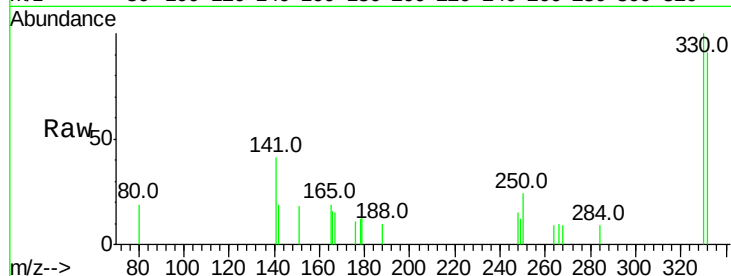




#14
 2,4,6-Tribromophenol
 Concen: 0.587 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097080.D
 Acq: 24 Jul 2018 20:21

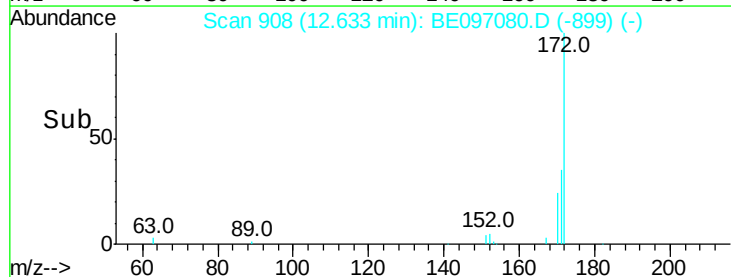
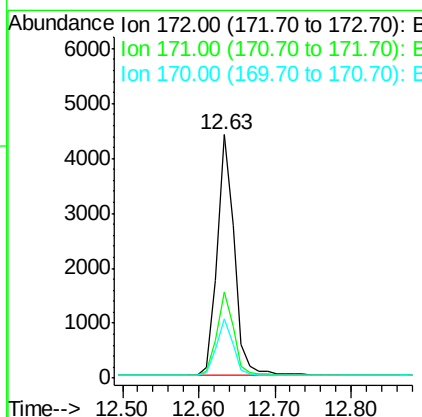
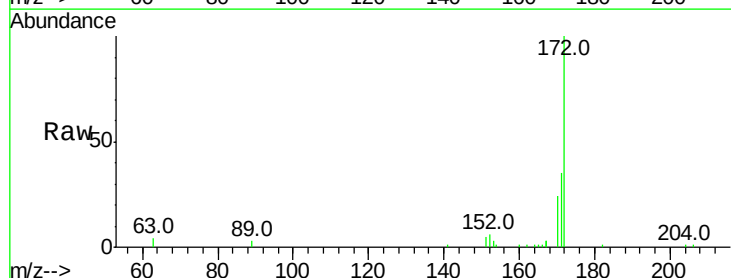
Instrument :
 BNA_E
 ClientSampleId :
 RE117D2-071618

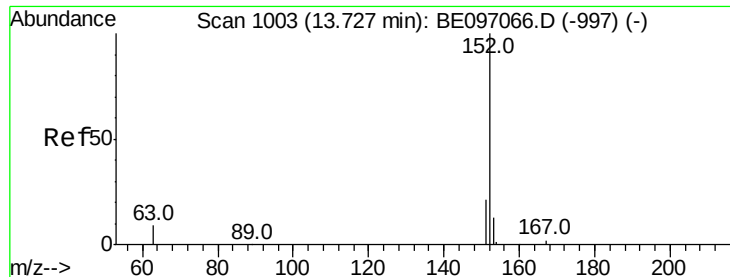
Tot Ion:330 Resp: 729
 Ion Ratio Lower Upper
 330 100
 332 93.4 152.7 229.1#
 141 41.0 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.531 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097080.D
 Acq: 24 Jul 2018 20:21

Tgt Ion:172 Resp: 6924
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.9 44.9
 170 24.3 21.8 32.8





#16

Acenaphthylene

Concen: 0.001 ng

RT: 13.74 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

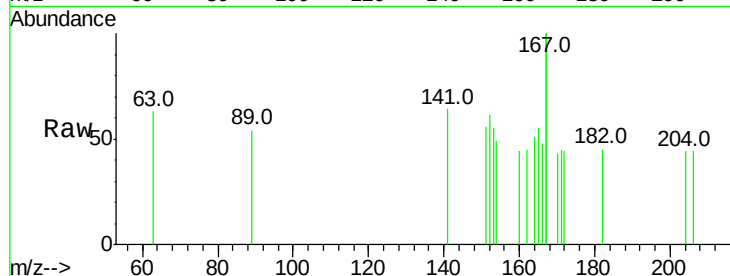
Tot Ion:152 Resp: 17

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

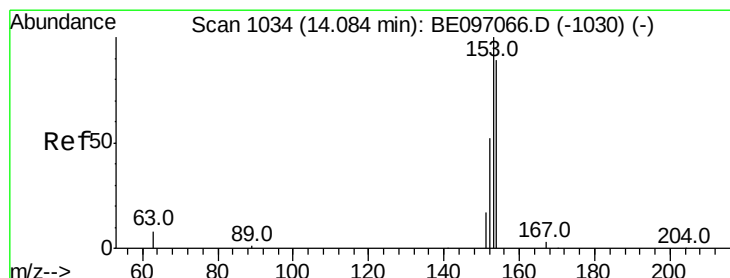
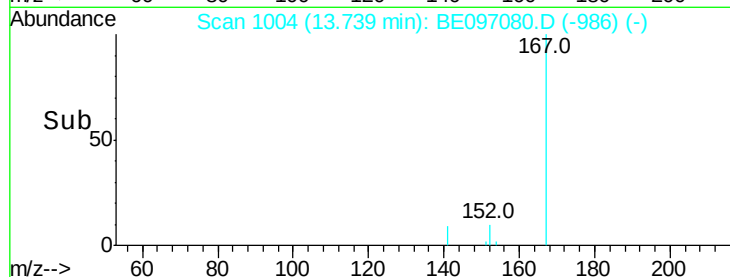
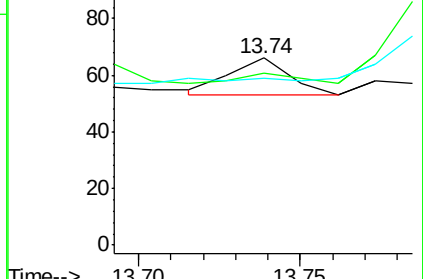
153 0.0 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.008 ng

RT: 14.07 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

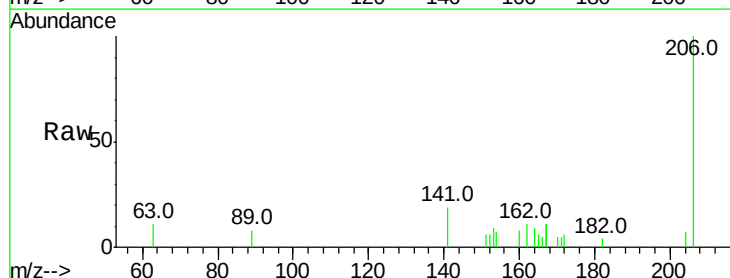
Tgt Ion:154 Resp: 77

Ion Ratio Lower Upper

154 100

153 0.0 89.2 133.8#

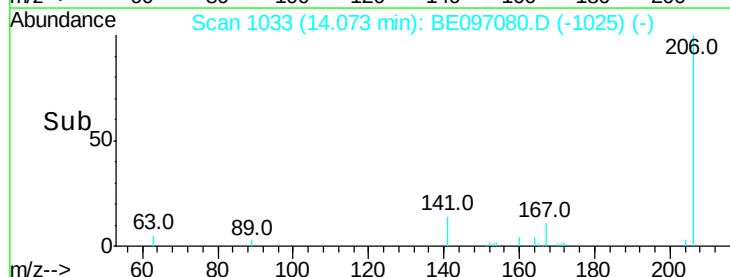
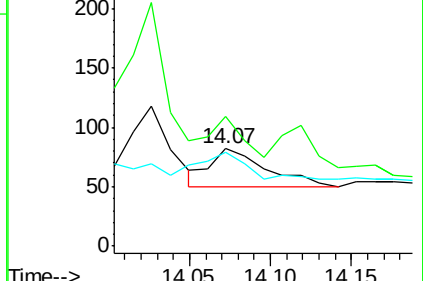
152 63.6 42.0 63.0#

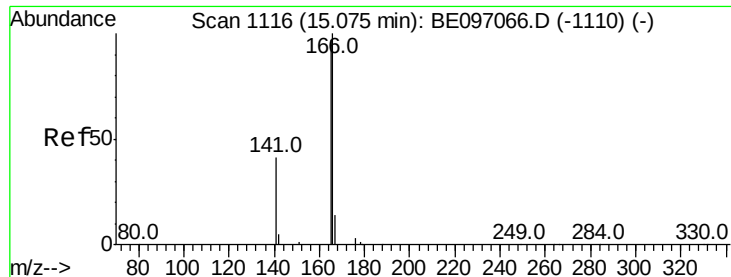


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.005 ng

RT: 15.07 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

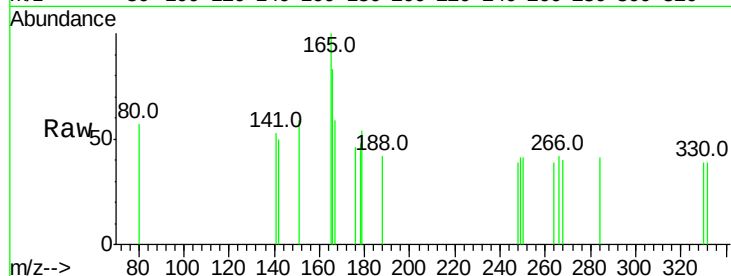
Tot Ion:166 Resp: 71

Ion Ratio Lower Upper

166 100

165 126.8 77.8 116.6#

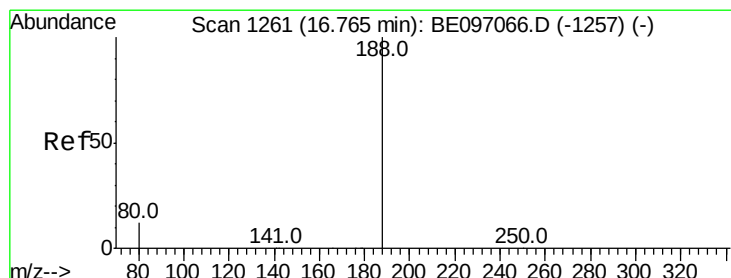
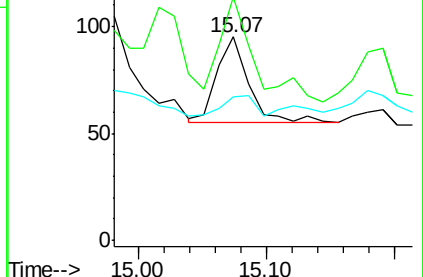
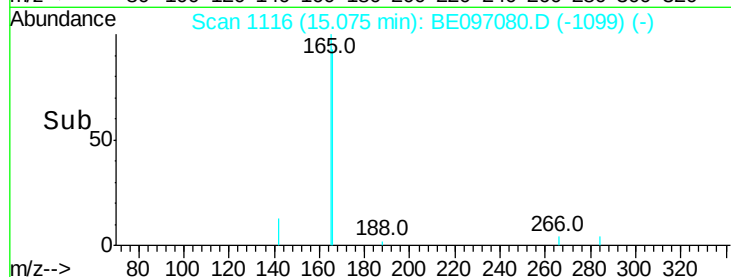
167 26.8 42.4 63.6#



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: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

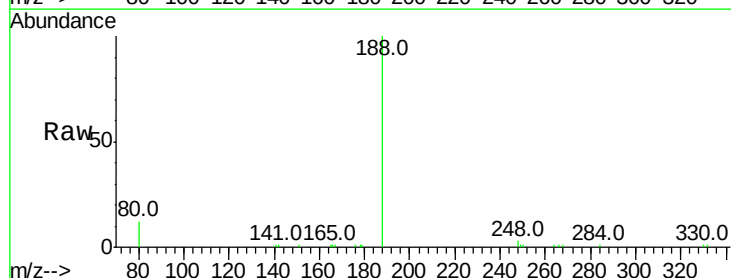
Tgt Ion:188 Resp: 10265

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

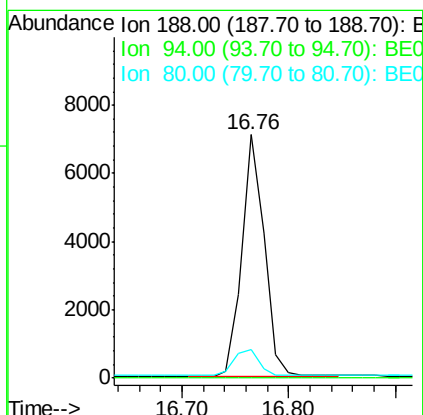
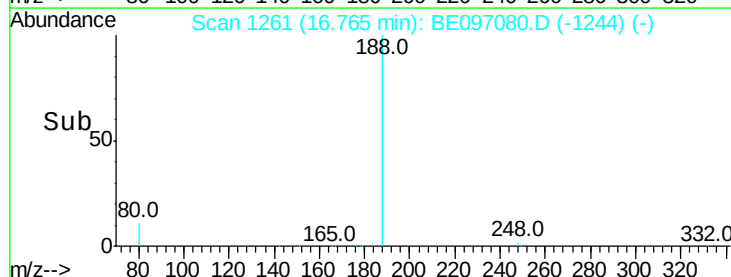
80 11.8 3.6 5.4#

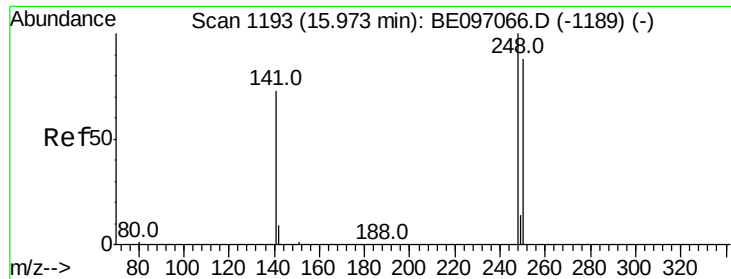


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

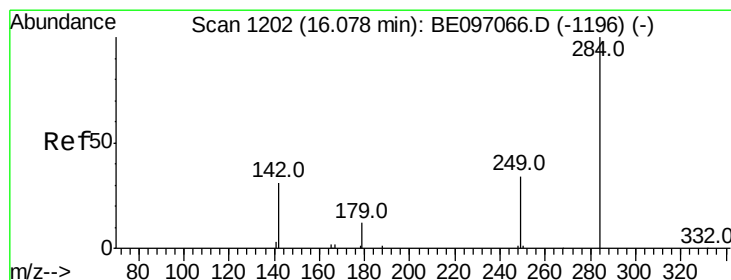
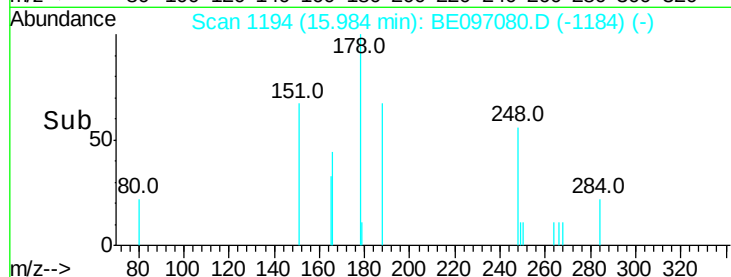
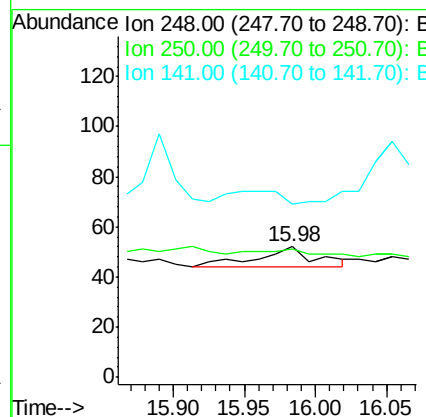
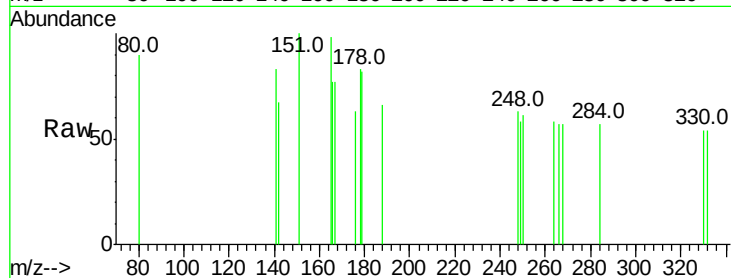




#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 15.98 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

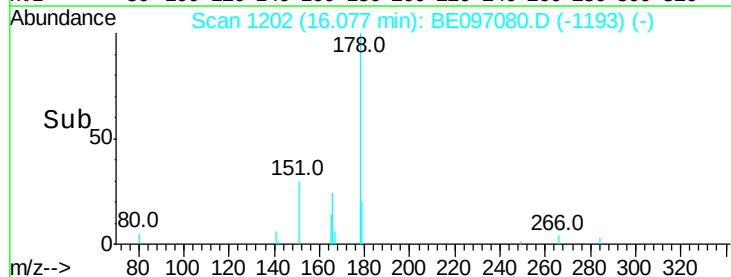
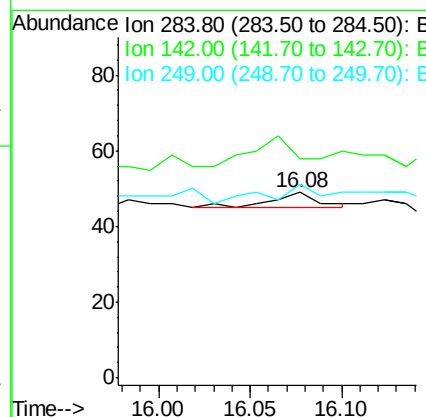
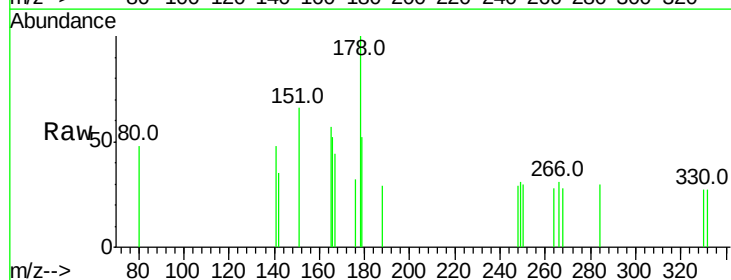
Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

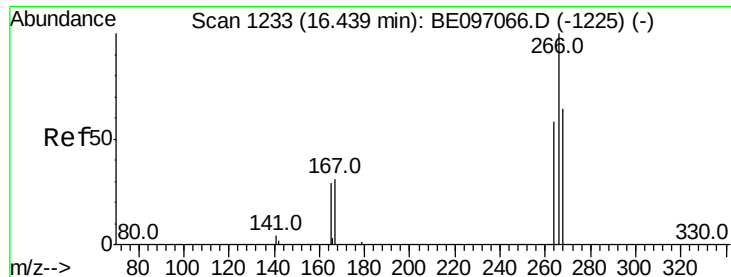
Tot Ion:248 Resp: 22
Ion Ratio Lower Upper
248 100
250 98.1 62.7 94.1#
141 132.7 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:284 Resp: 7
Ion Ratio Lower Upper
284 100
142 214.3 22.1 33.1#
249 157.1 34.8 52.2#

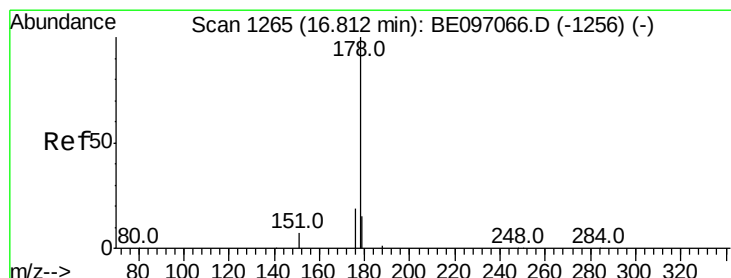
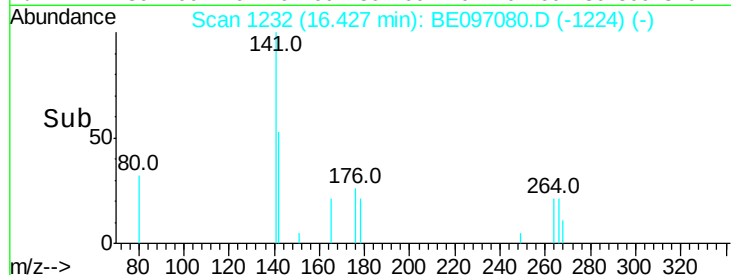
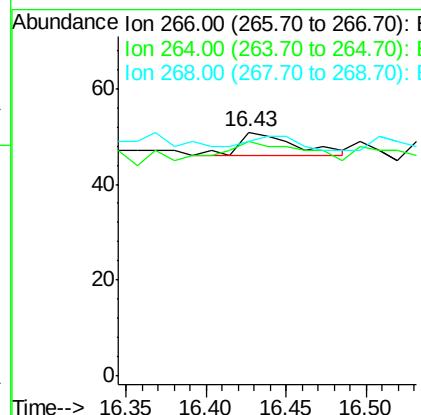
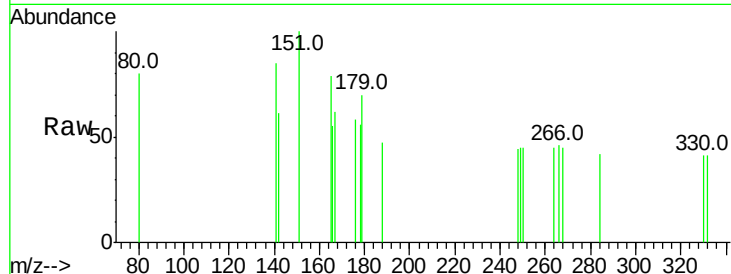




#22
 Pentachlorophenol
 Concen: 0.044 ng
 RT: 16.43 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BE097080.D
 Acq: 24 Jul 2018 20:21

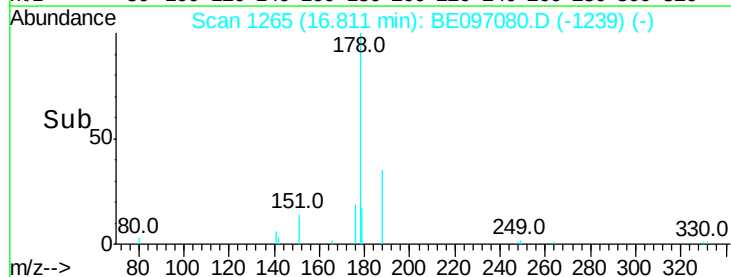
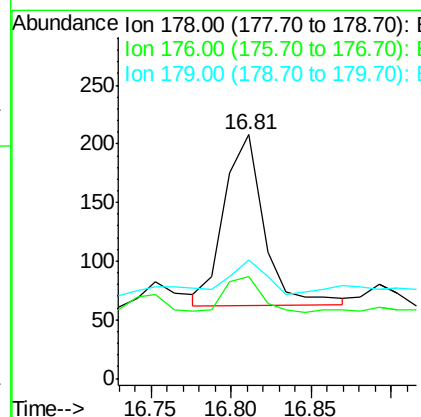
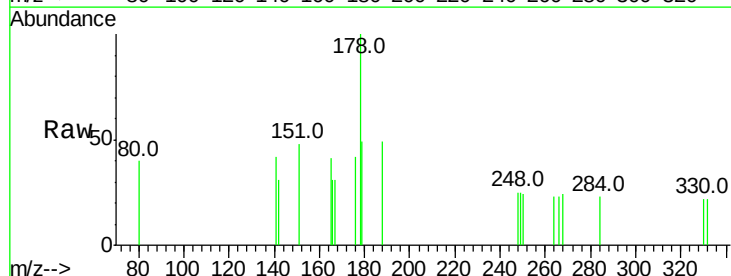
Instrument :
 BNA_E
 ClientSampleId :
 RE117D2-071618

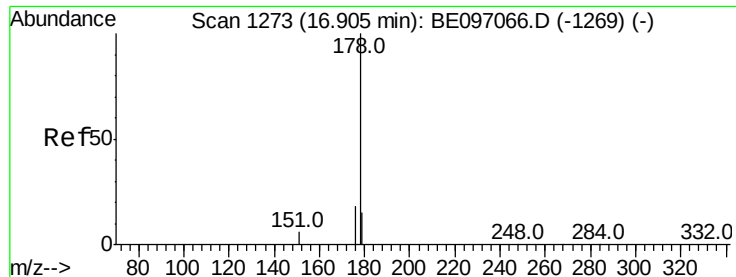
Tot Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 96.1 72.5 108.7
 268 96.1 73.8 110.6



#23
 Phenanthrene
 Concen: 0.010 ng
 RT: 16.81 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BE097080.D
 Acq: 24 Jul 2018 20:21

Tgt Ion:178 Resp: 250
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.1 22.7
 179 29.2 11.8 17.6#





#24

Anthracene

Concen: 0.001 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

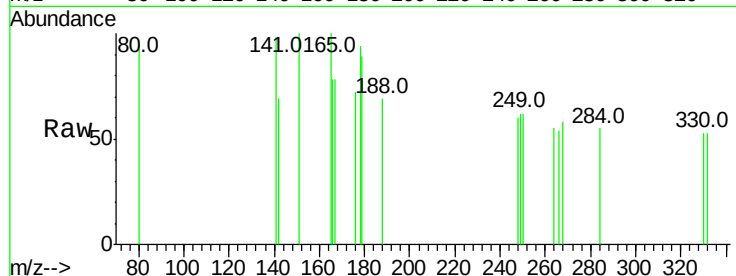
Tot Ion:178 Resp: 23

Ion Ratio Lower Upper

178 100

176 52.2 12.8 19.2#

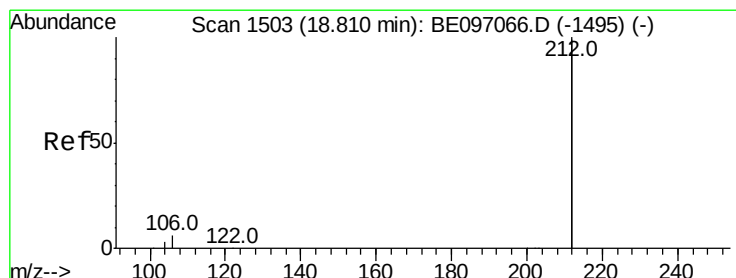
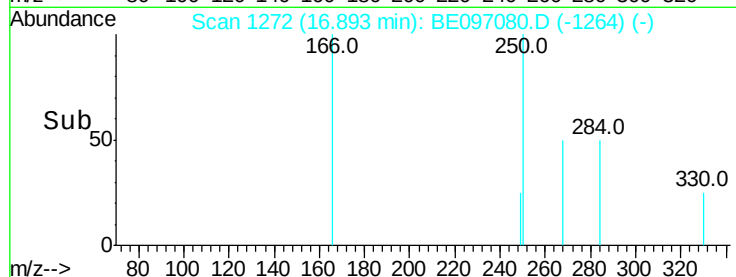
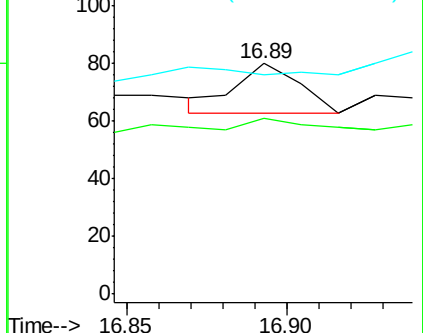
179 0.0 13.0 19.6#



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: 0.560 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

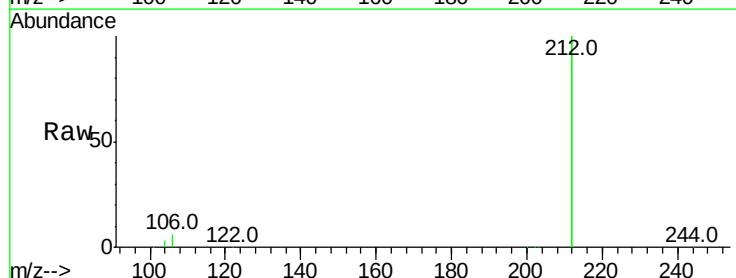
Tgt Ion:212 Resp: 57529

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

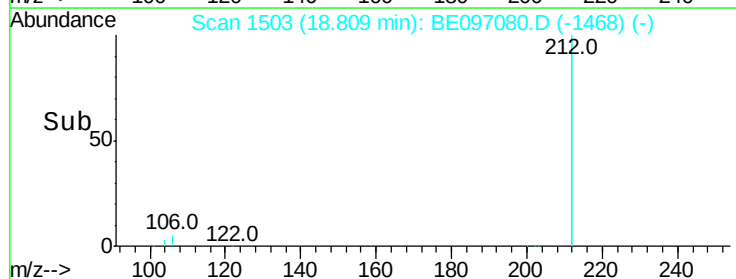
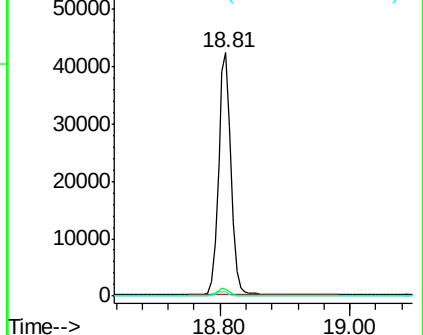
104 1.7 1.6 2.4

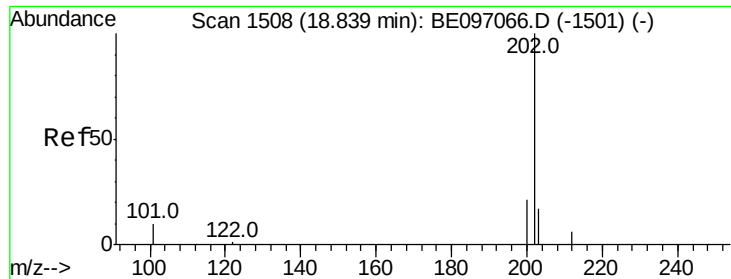


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

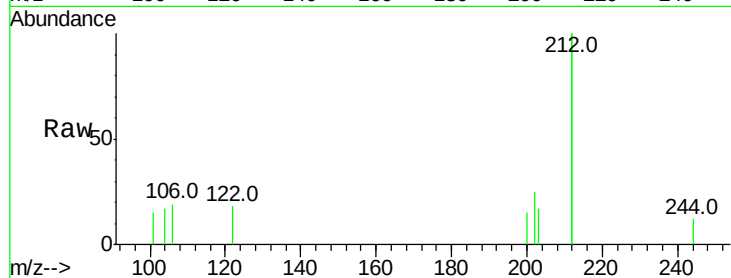




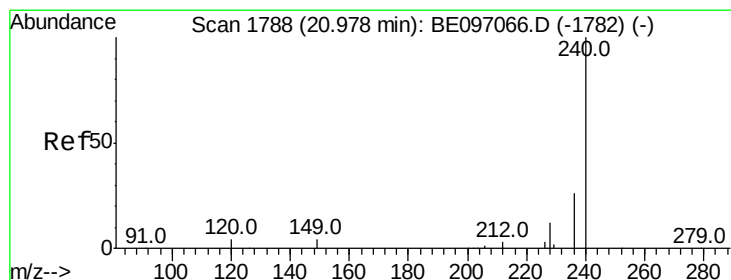
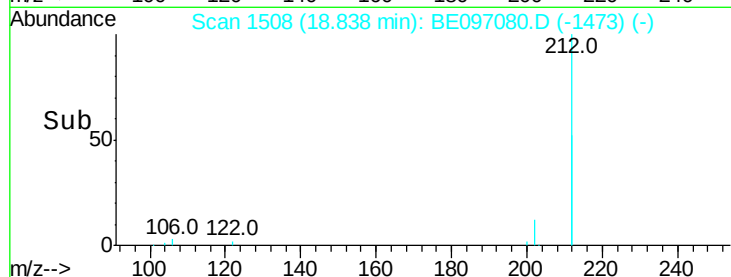
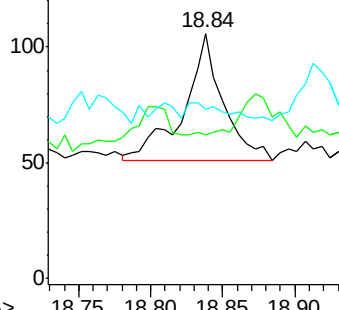
#26
Fluoranthene
Concen: 0.004 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

Tot Ion:202 Resp: 104
Ion Ratio Lower Upper
202 100
101 0.0 9.8 14.8#
203 15.4 13.7 20.5

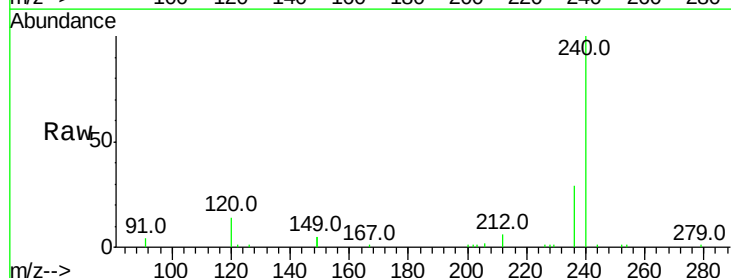


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

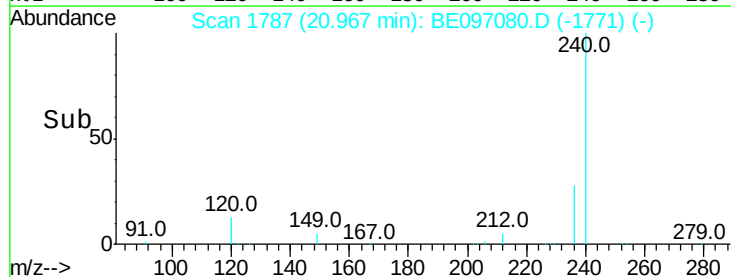
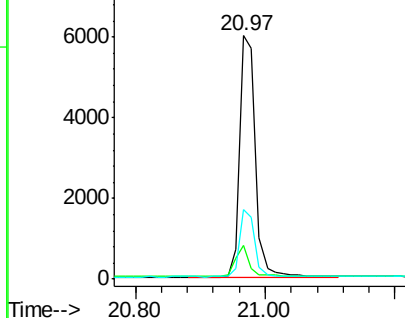


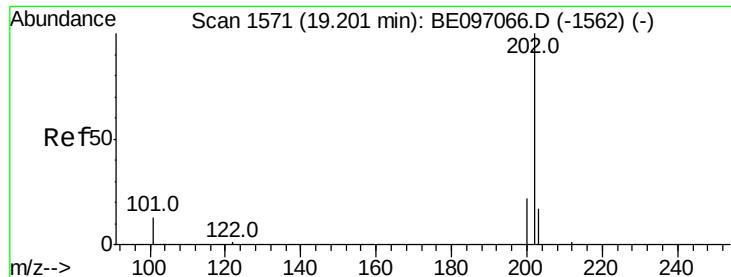
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:240 Resp: 10157
Ion Ratio Lower Upper
240 100
120 13.9 5.5 8.3#
236 28.8 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

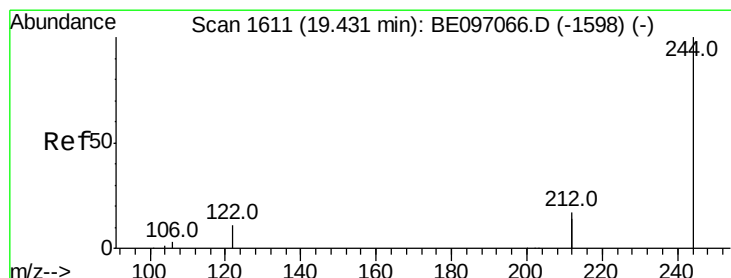
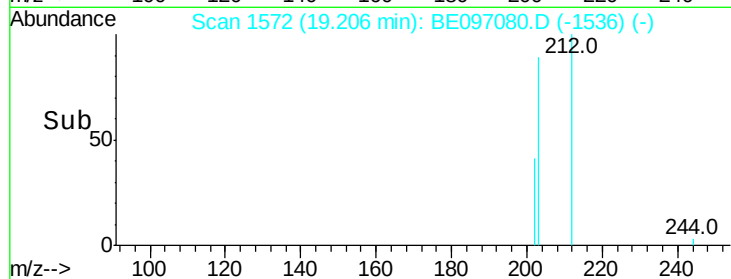
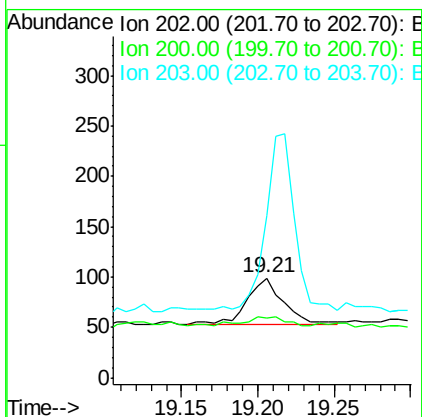
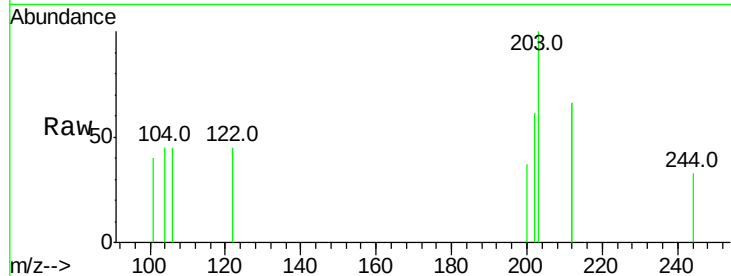




#28
Pvrene
Concen: 0.003 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

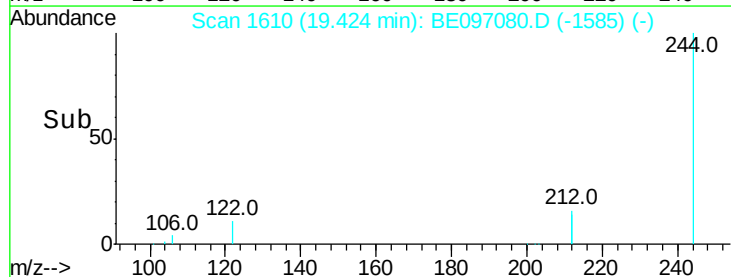
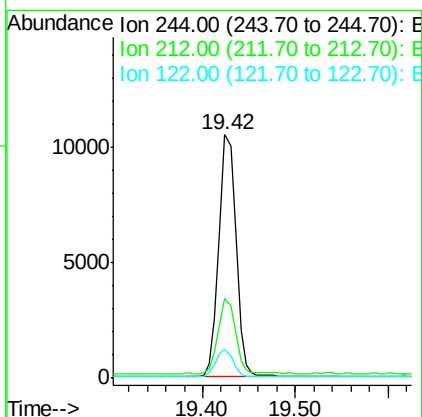
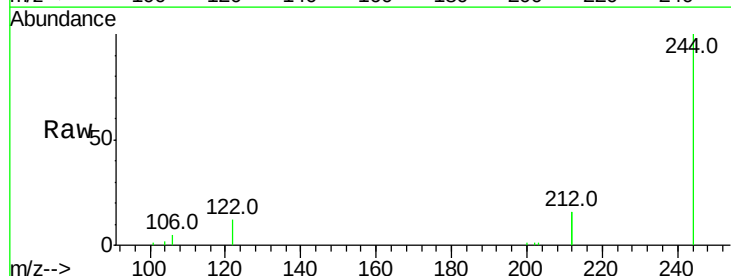
Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

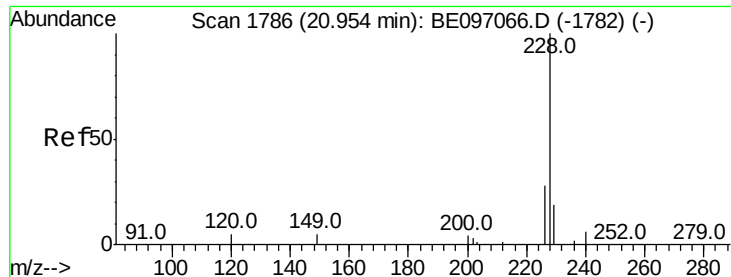
Tot Ion:202 Resp: 77
Ion Ratio Lower Upper
202 100
200 18.2 16.6 25.0
203 293.5 13.8 20.8#



#29
Terphenyl-d14
Concen: 0.697 ng
RT: 19.42 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:244 Resp: 13602
Ion Ratio Lower Upper
244 100
212 32.5 25.4 38.0
122 11.8 8.1 12.1





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

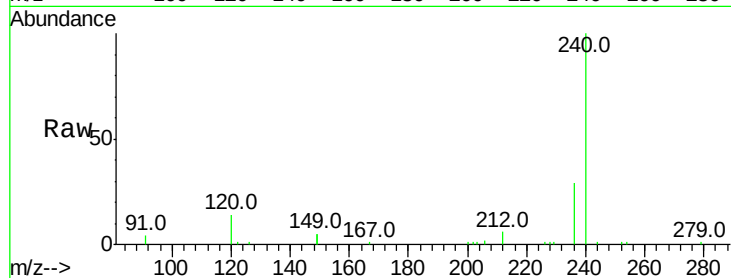
Tot Ion:228 Resp: 62

Ion Ratio Lower Upper

228 100

226 69.1 24.0 36.0#

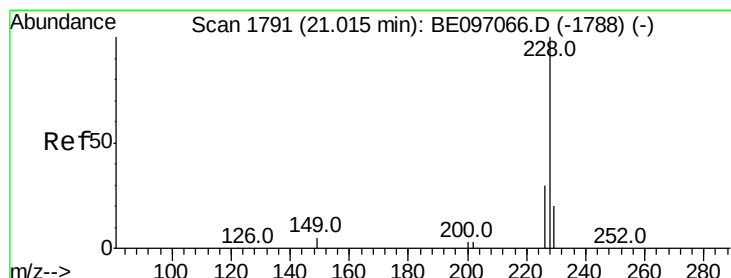
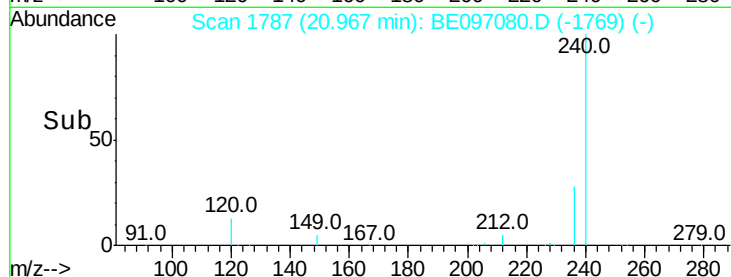
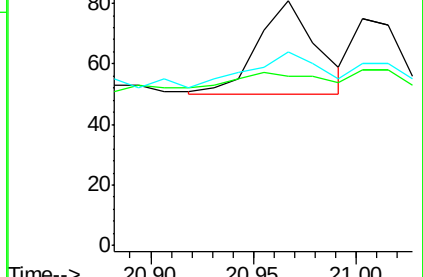
229 79.0 16.0 24.0#



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



#31

Chrysene

Concen: 0.002 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

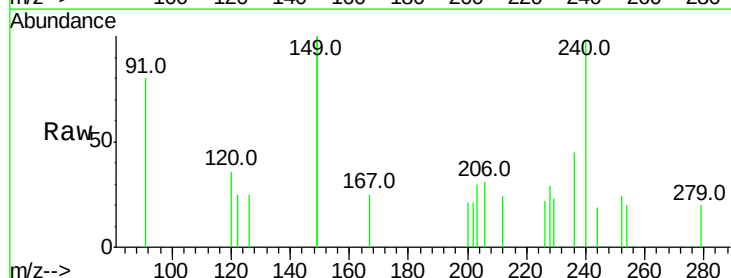
Tgt Ion:228 Resp: 45

Ion Ratio Lower Upper

228 100

226 77.3 24.0 36.0#

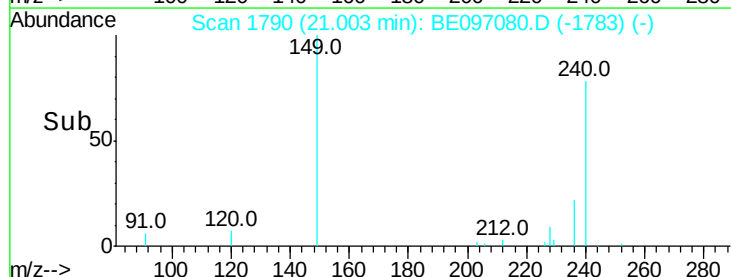
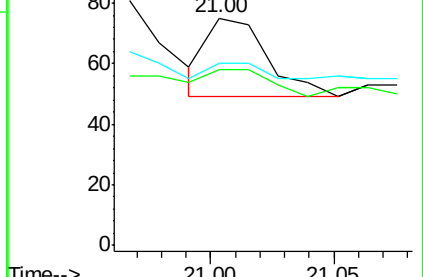
229 80.0 16.0 24.0#

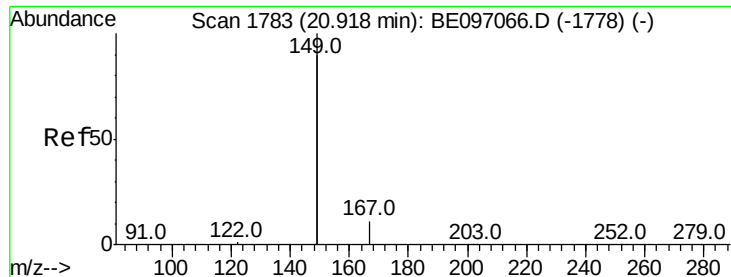


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.116 ng

RT: 20.92 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Instrument :

BNA_E

ClientSampleId :

RE117D2-071618

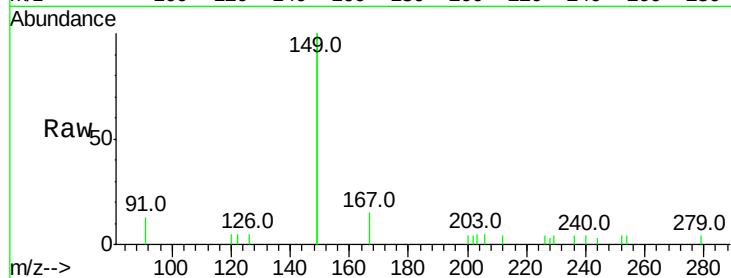
Tot Ion:149 Resp: 3186

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

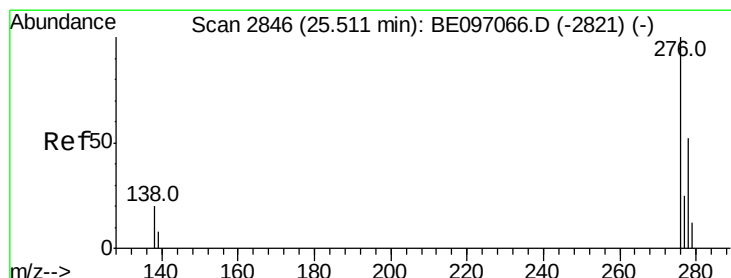
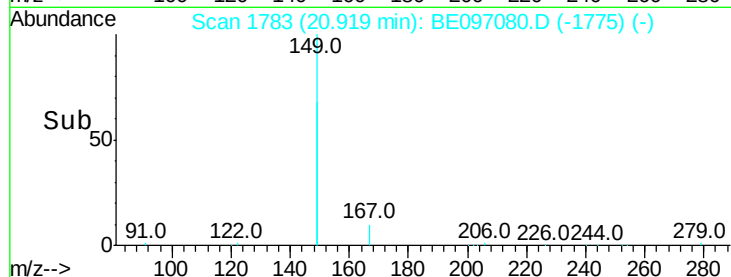
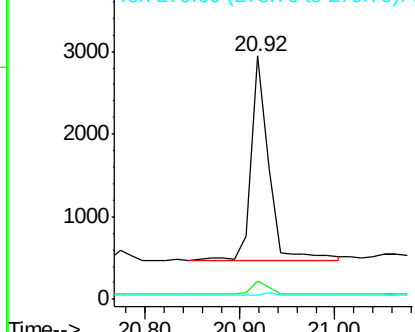
279 1.3 0.7 1.1#



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: 0.000 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

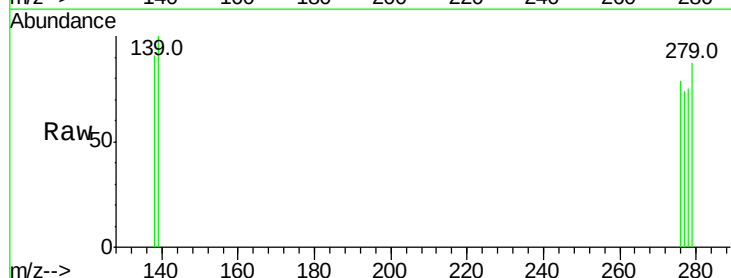
Tgt Ion:276 Resp: 5

Ion Ratio Lower Upper

276 100

138 60.0 22.5 33.7#

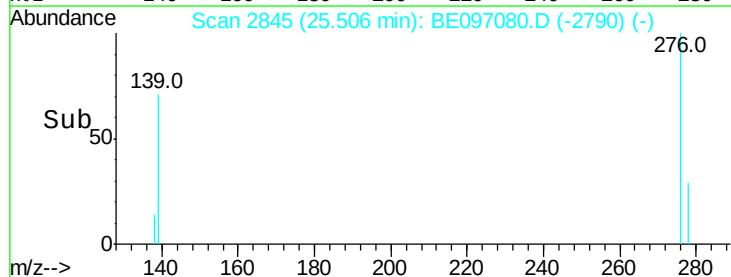
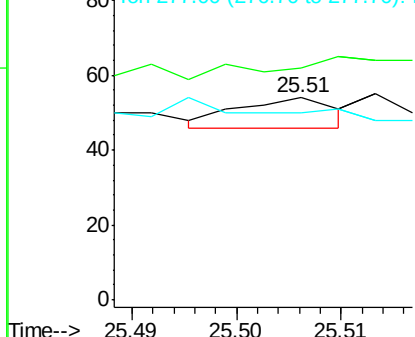
277 60.0 19.9 29.9#

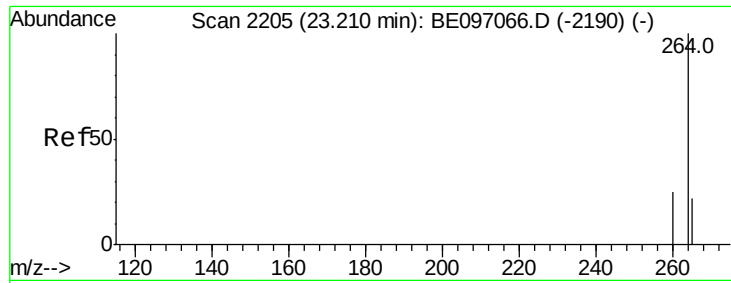


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

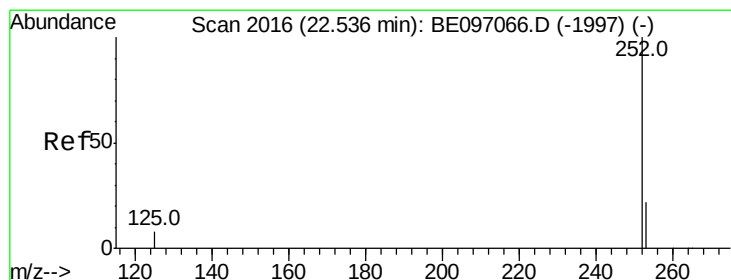
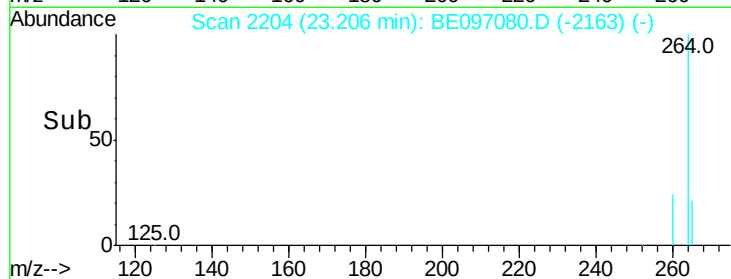
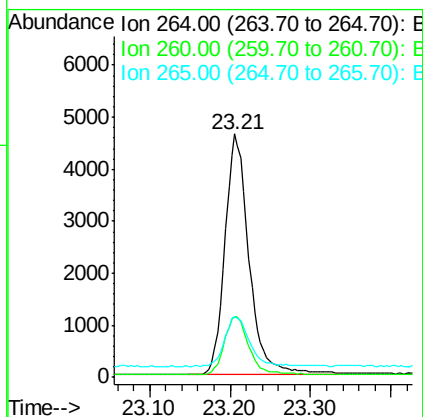
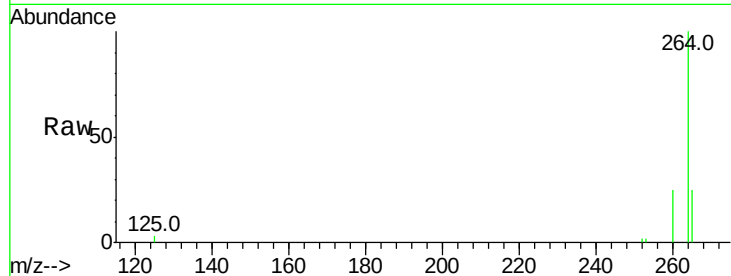




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

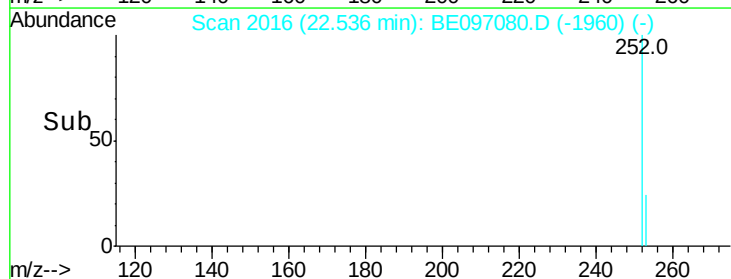
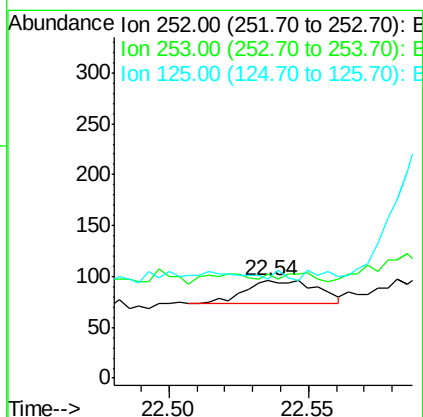
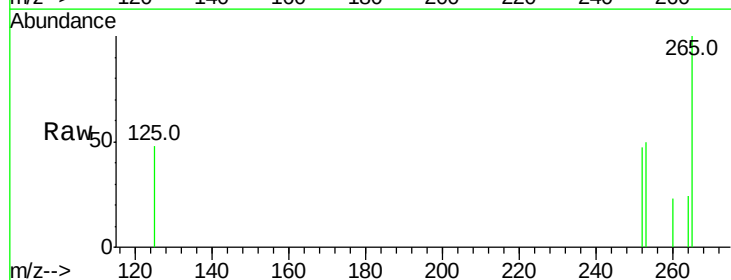
Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

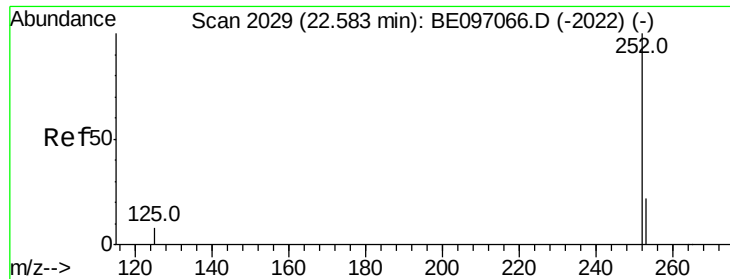
Tot Ion:264 Resp: 9632
Ion Ratio Lower Upper
264 100
260 24.9 20.5 30.7
265 25.1 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:252 Resp: 42
Ion Ratio Lower Upper
252 100
253 107.3 20.0 30.0#
125 102.1 16.0 24.0#

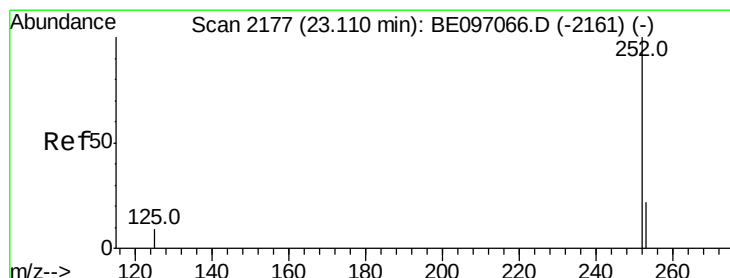
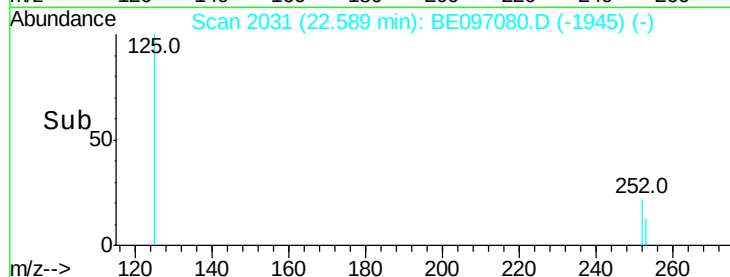
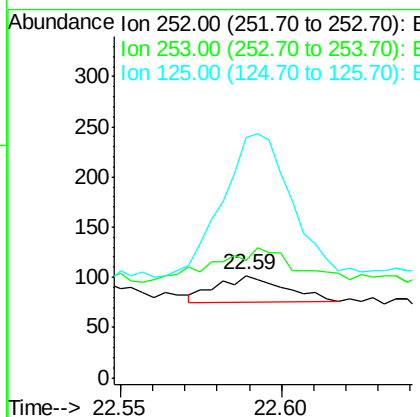
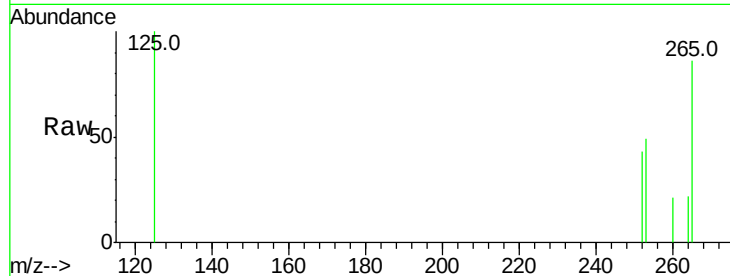




#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.59 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

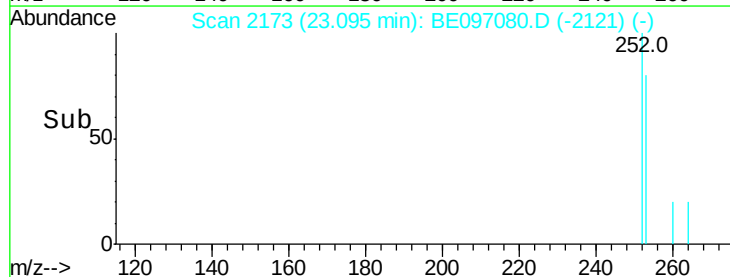
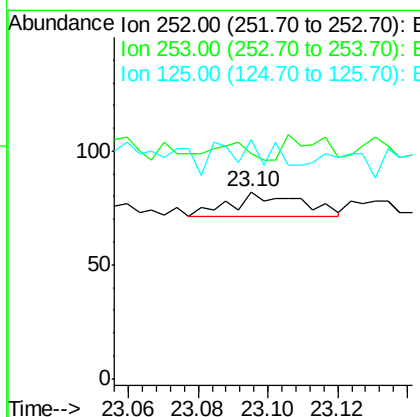
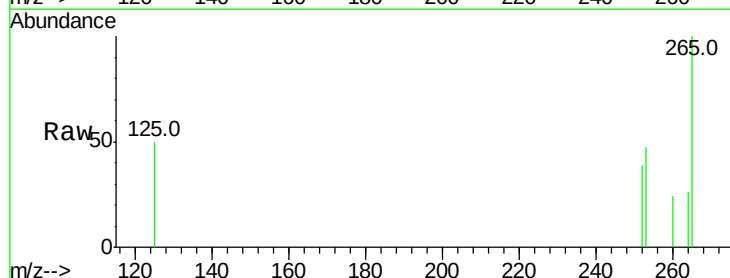
Instrument :
BNA_E
ClientSampleId :
RE117D2-071618

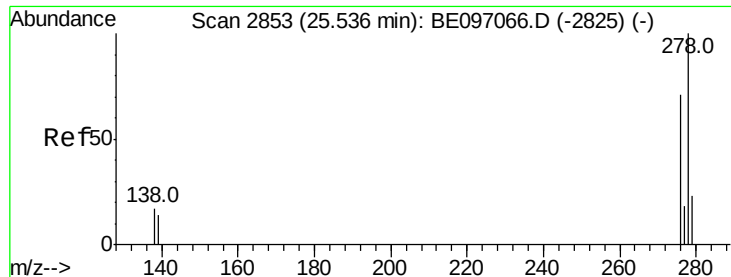
Tot Ion:252 Resp: 38
Ion Ratio Lower Upper
252 100
253 114.7 16.0 24.0#
125 234.3 8.0 12.0#



#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BE097080.D
Acq: 24 Jul 2018 20:21

Tgt Ion:252 Resp: 15
Ion Ratio Lower Upper
252 100
253 120.7 16.0 24.0#
125 128.0 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.52 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

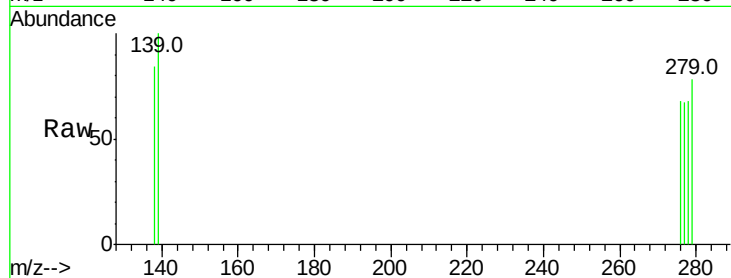
Instrument :

BNA_E

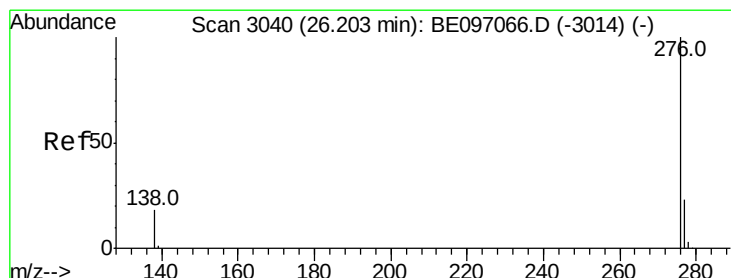
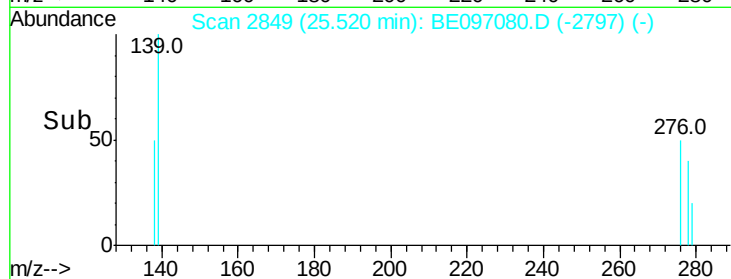
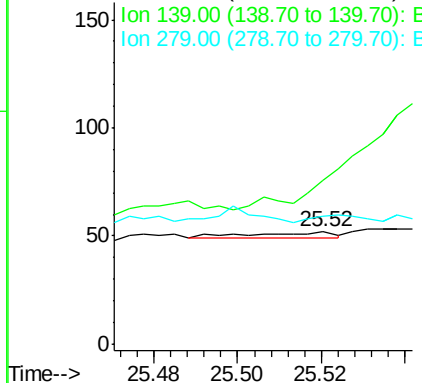
ClientSampleId :

RE117D2-071618

Tot Ion:278	Resp:	4	
Ion Ratio	Lower	Upper	
278	100		
139	146.2	16.0	24.0#
279	113.5	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(g,h,i)perylene

Concen: 0.000 ng

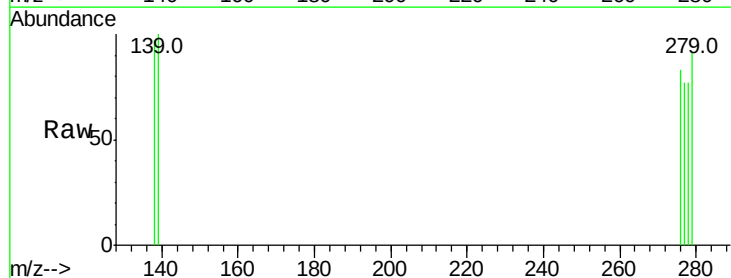
RT: 26.21 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BE097080.D

Acq: 24 Jul 2018 20:21

Tgt	Ion:276	Resp:	1
Ion	Ratio	Lower	Upper
276	100		
277	92.6	16.0	24.0#
138	116.7	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

