

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071918\
 Data File : BE097010.D
 Acq On : 19 Jul 2018 18:19
 Operator : SJ/JU
 Sample : J4014-08MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D3-071318MS

Quant Time: Jul 20 04:32:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1523	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6577	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3364	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	10366	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	11569	0.40	ng	0.00
34) Perylene-d12	23.21	264	10207	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	164	0.05	ng	0.02
5) Phenol-d6	6.61	99	60	0.01	ng	0.01
8) Nitrobenzene-d5	8.53	82	2497	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4448	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	302	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	7063	0.56	ng	-0.01
25) Fluoranthene-d10	18.81	212	55196	0.61	ng	0.00
29) Terphenyl-d14	19.43	244	11575	0.52	ng	0.00

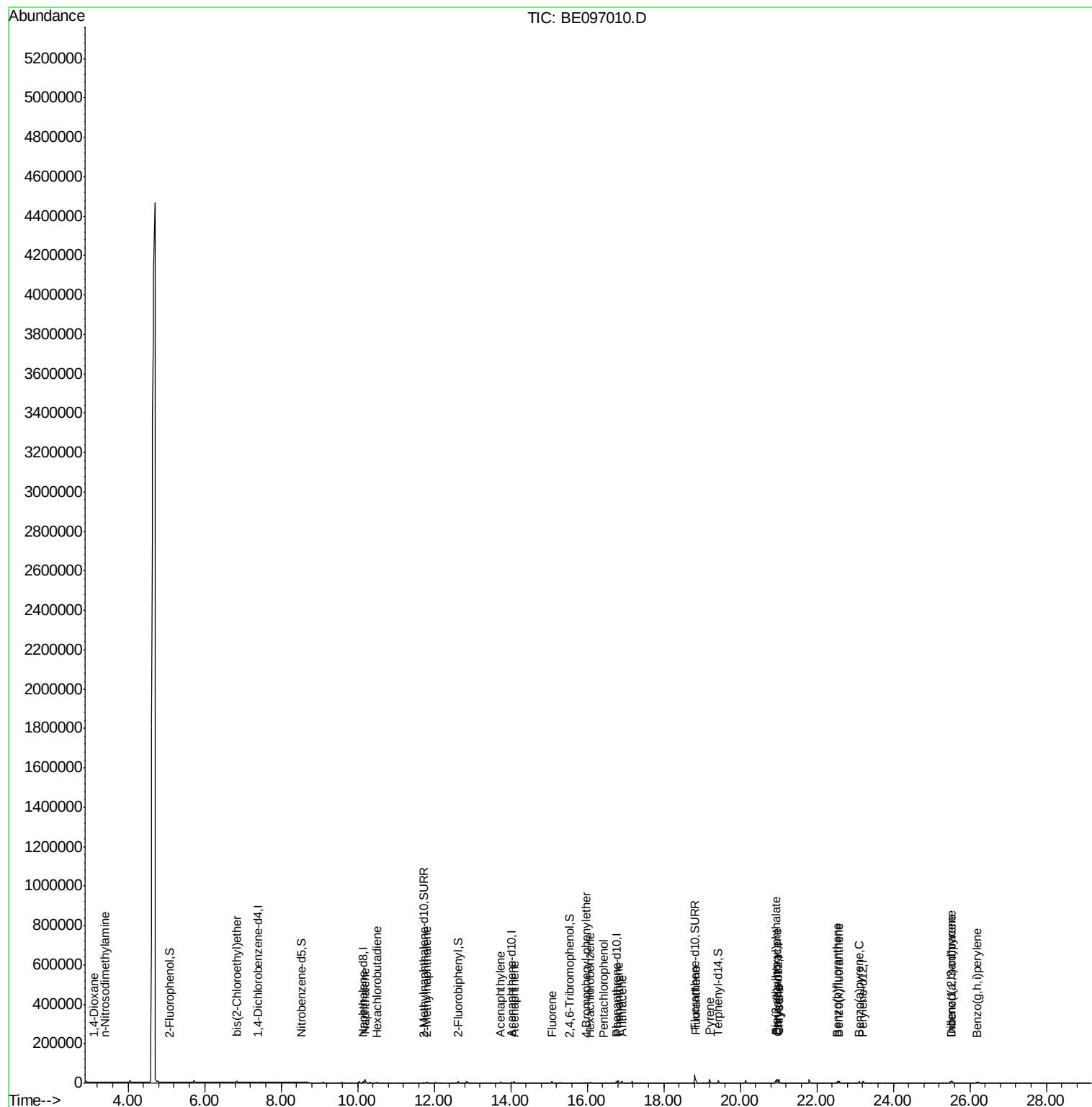
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	413	0.189	ng	# 68
3) n-Nitrosodimethylamine	3.38	42	500	0.204	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	2233	0.409	ng	99
9) Naphthalene	10.20	128	27872	0.473	ng	100
10) Hexachlorobutadiene	10.50	225	1091	0.458	ng	99
12) 2-Methylnaphthalene	11.81	142	4468	0.447	ng	99
16) Acenaphthylene	13.74	152	6652	0.433	ng	99
17) Acenaphthene	14.08	154	4037	0.423	ng	95
18) Fluorene	15.07	166	5052	0.471	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	1935	0.395	ng	# 80
21) Hexachlorobenzene	16.08	284	2086	0.383	ng	# 84
22) Pentachlorophenol	16.44	266	446	0.541	ng	# 76
23) Phenanthrene	16.81	178	11791	0.475	ng	98
24) Anthracene	16.90	178	10654	0.493	ng	95
26) Fluoranthene	18.84	202	14824	0.566	ng	98
28) Pyrene	19.21	202	15088	0.442	ng	99
30) Benzo(a)anthracene	20.95	228	13822	0.502	ng	99
31) Chrysene	21.02	228	14800	0.479	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	17327	0.630	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	13575	0.603	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	12535	0.481	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	13826	0.446	ng	96
37) Benzo(a)pyrene	23.11	252	10775	0.465	ng	# 92
38) Dibenzo(a,h)anthracene	25.53	278	11313	0.562	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	10954	0.517	ng	# 90

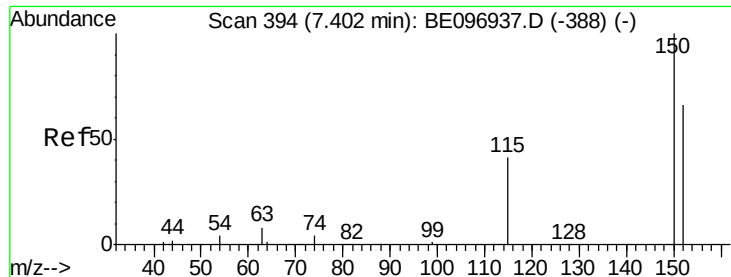
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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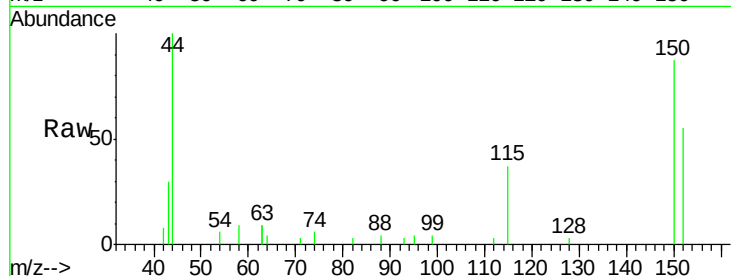


#1

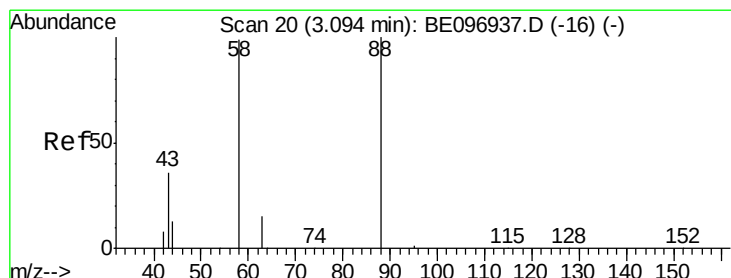
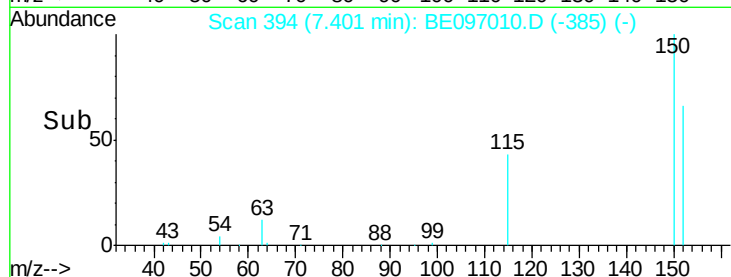
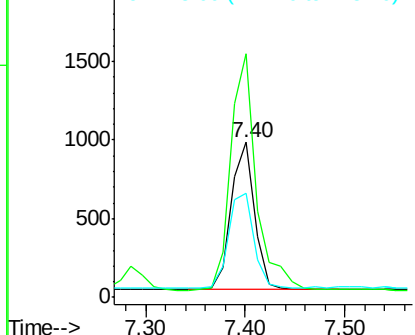
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE097010.D
Acq: 19 Jul 2018 18:19

Instrument :
BNA_E
ClientSampleId :
RE104D3-071318MS

Tgt Ion: 152 Resp: 1523
Ion Ratio Lower Upper
152 100
150 157.2 117.2 175.8
115 67.2 57.0 85.6



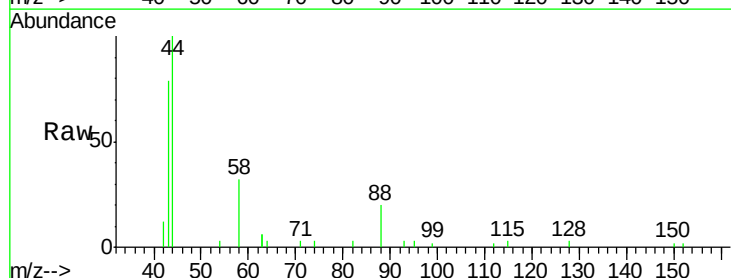
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



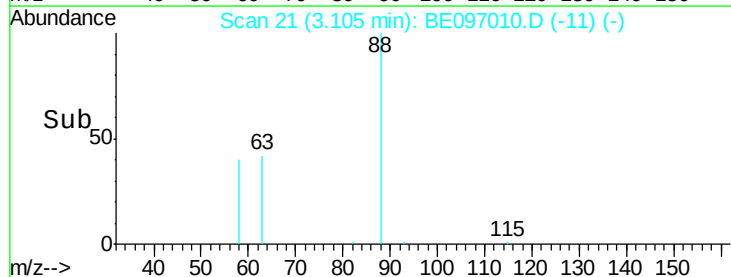
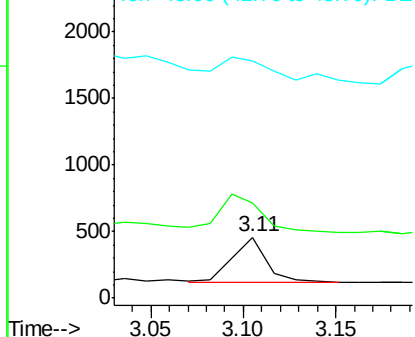
#2

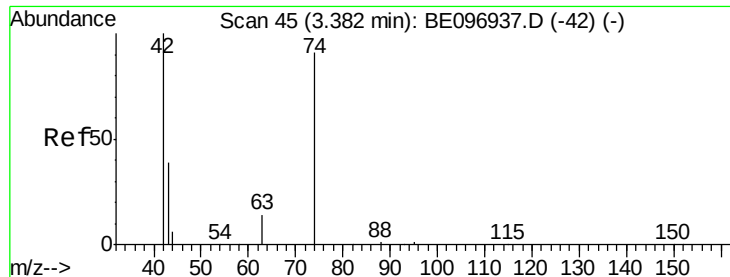
1,4-Dioxane
Concen: 0.189 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE097010.D
Acq: 19 Jul 2018 18:19

Tgt Ion: 88 Resp: 413
Ion Ratio Lower Upper
88 100
58 107.3 63.2 94.8#
43 73.1 41.2 61.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.204 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

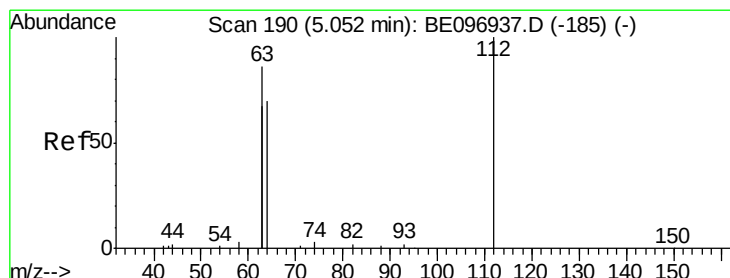
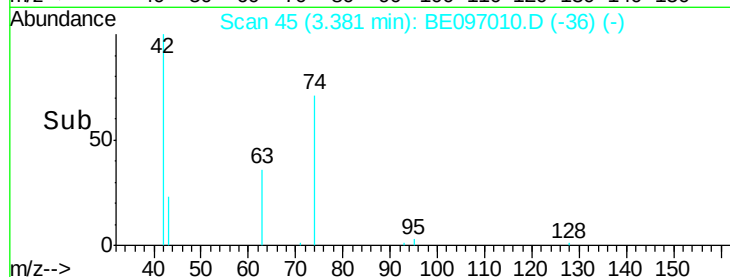
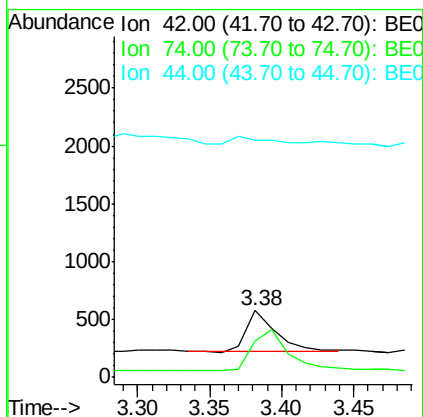
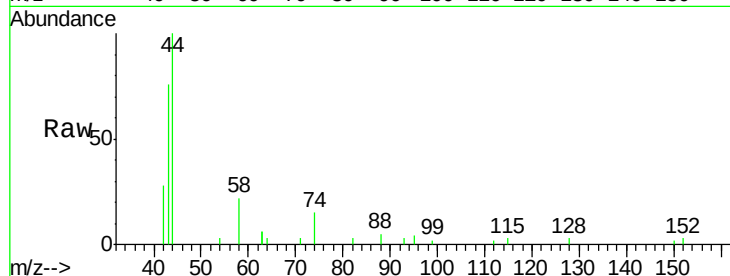
Instrument :

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ClientSampleId :

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Tgt Ion:	42	Resp:	500
Ion	Ratio	Lower	Upper
42	100		
74	126.0	96.0	144.0
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.045 ng

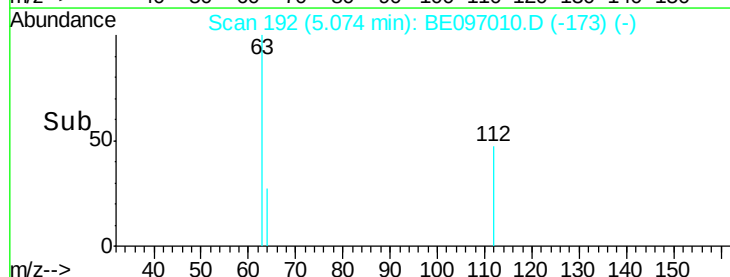
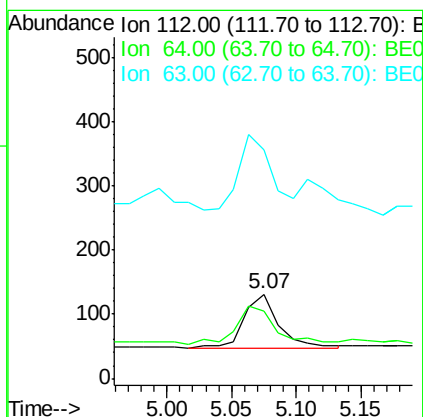
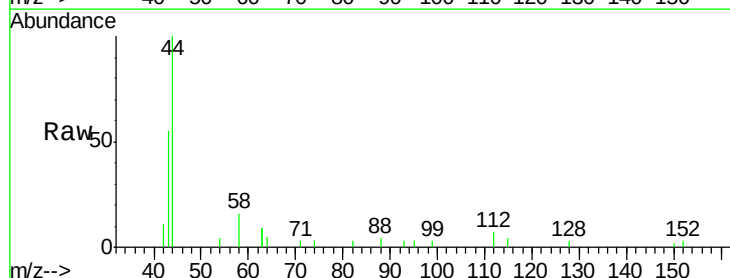
RT: 5.07 min Scan# 192

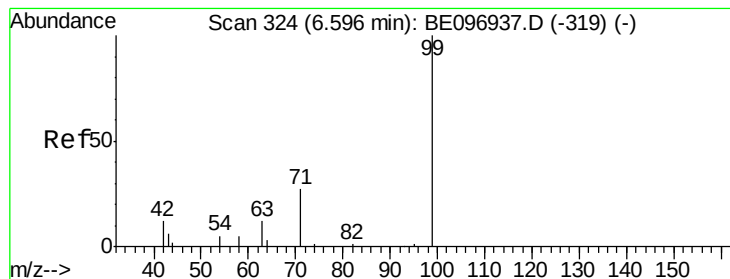
Delta R.T. 0.02 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Tgt Ion:	112	Resp:	164
Ion	Ratio	Lower	Upper
112	100		
64	76.8	60.1	90.1
63	123.8	116.8	175.2





#5

Phenol-d6

Concen: 0.011 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

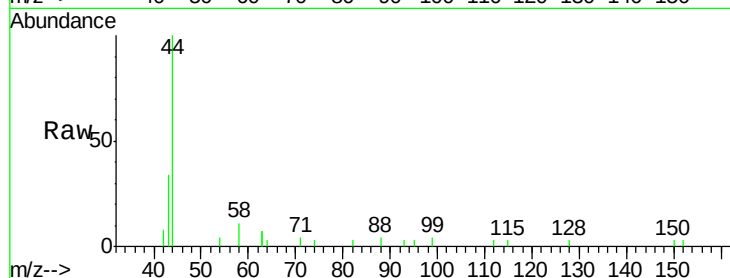
Tgt Ion: 99 Resp: 60

Ion Ratio Lower Upper

99 100

42 91.7 20.2 30.2#

71 76.7 28.4 42.6#

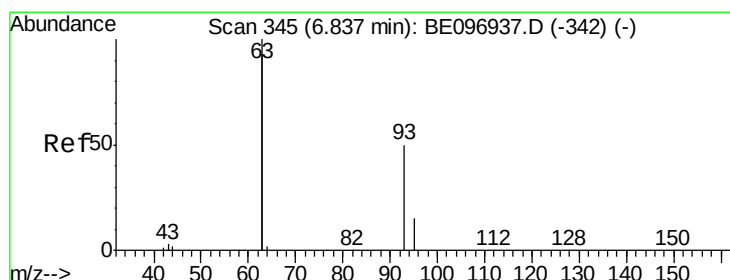
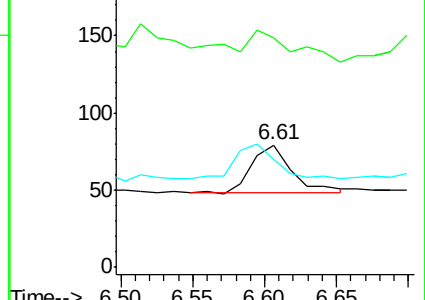
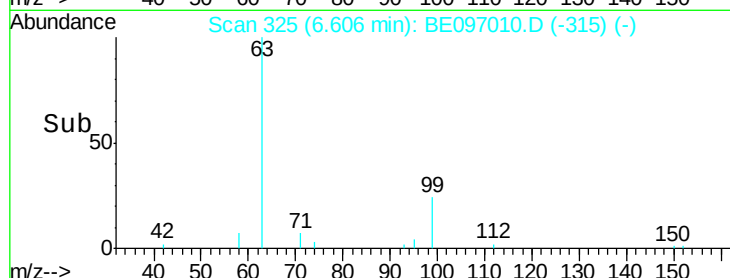


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.409 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

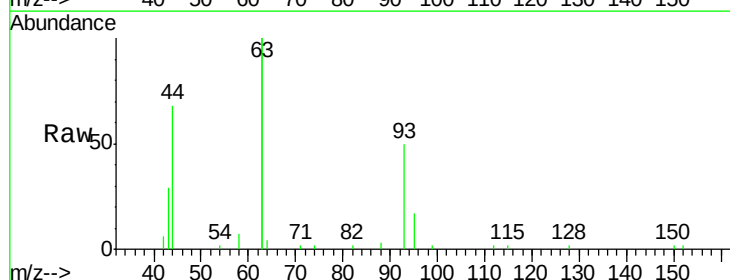
Tgt Ion: 93 Resp: 2233

Ion Ratio Lower Upper

93 100

63 341.8 275.3 412.9

95 32.7 25.2 37.8

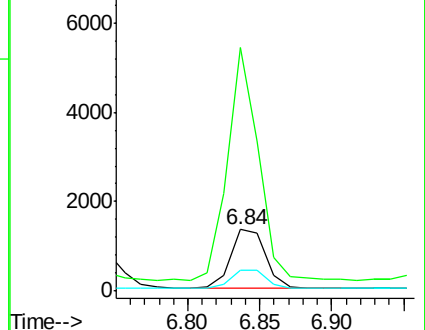
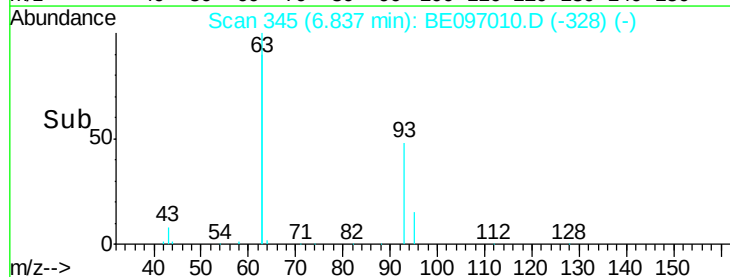


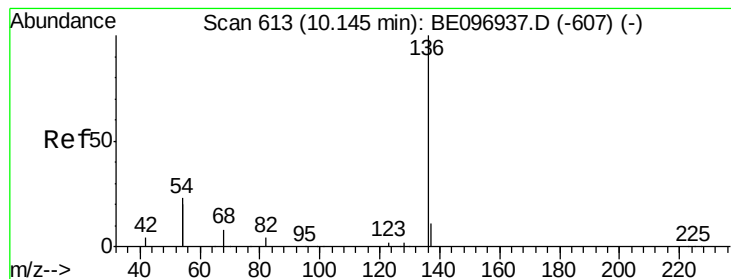
Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

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ClientSampleId :

RE104D3-071318MS

Tgt Ion: 136 Resp: 6577

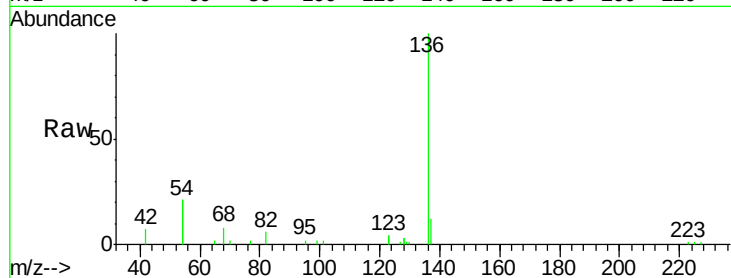
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 41.9 29.1 43.7

68 8.1 6.2 9.2

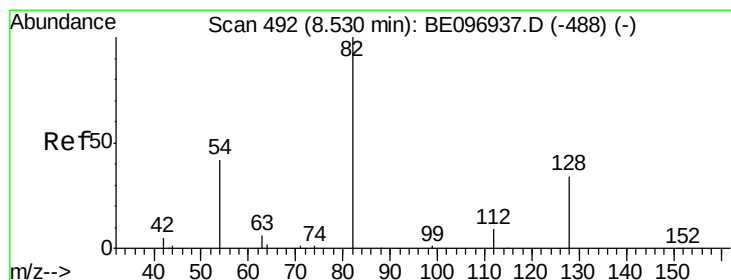
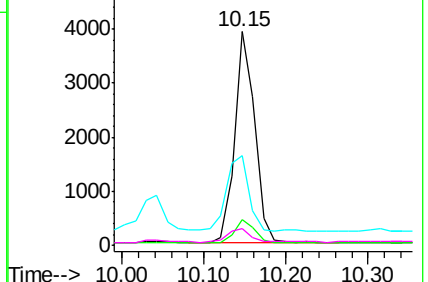
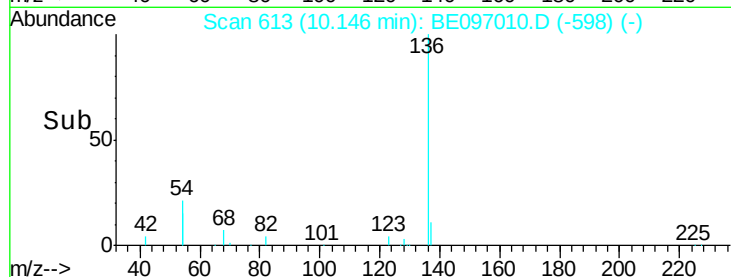


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.521 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

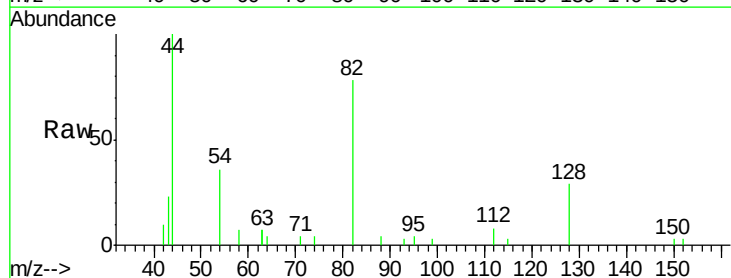
Tgt Ion: 82 Resp: 2497

Ion Ratio Lower Upper

82 100

128 37.9 24.0 36.0#

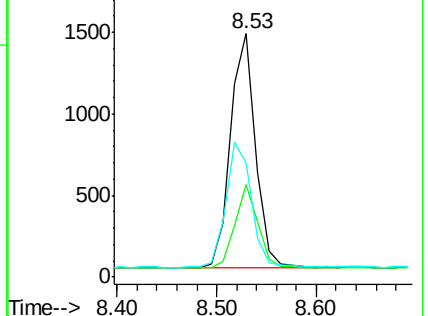
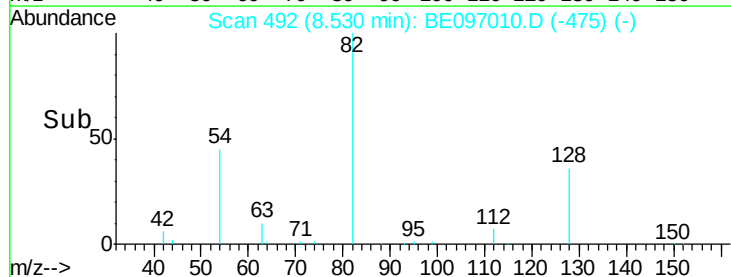
54 47.0 40.0 60.0

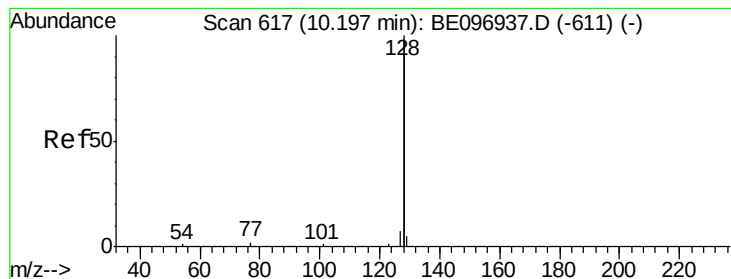


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.473 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

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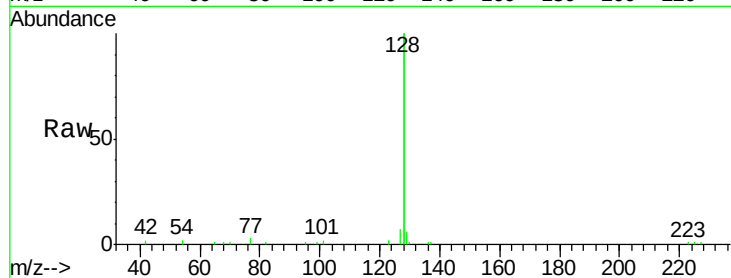
Tgt Ion:128 Resp: 27872

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

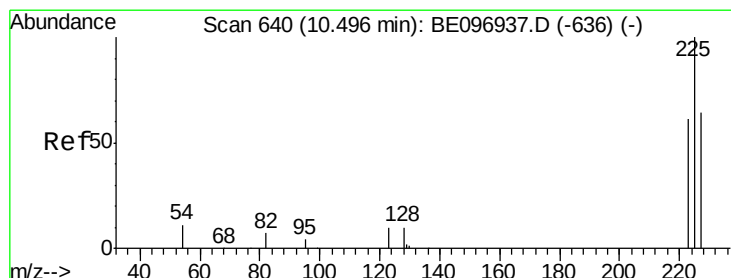
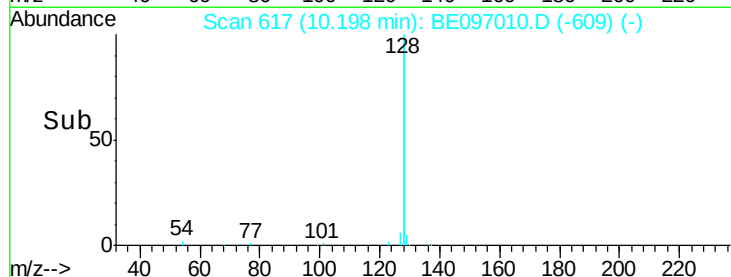
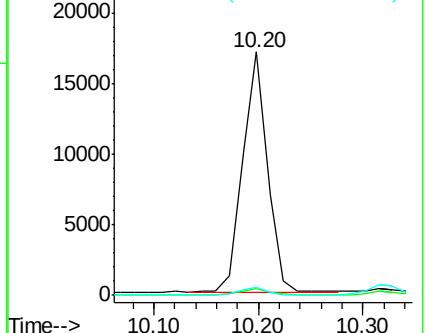
127 3.4 2.8 4.2



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: 0.458 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

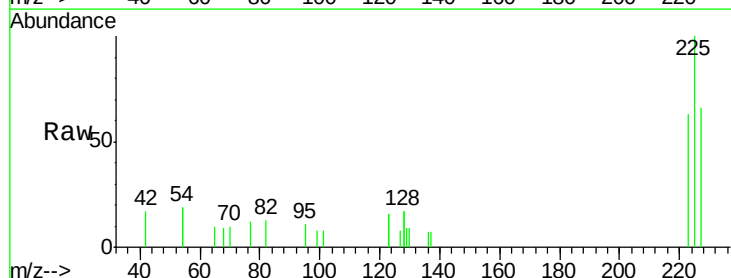
Tgt Ion:225 Resp: 1091

Ion Ratio Lower Upper

225 100

223 64.3 53.0 79.6

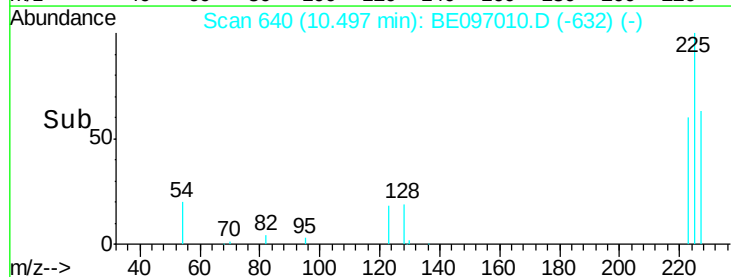
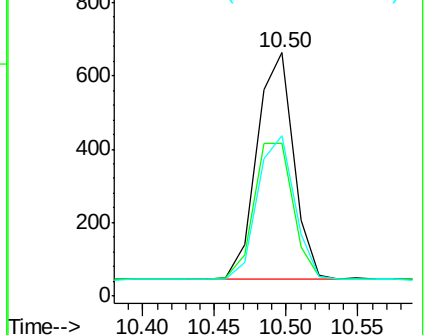
227 64.0 51.4 77.2

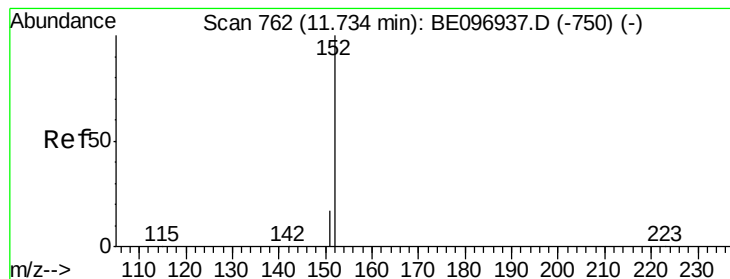


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.464 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

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ClientSampleId :

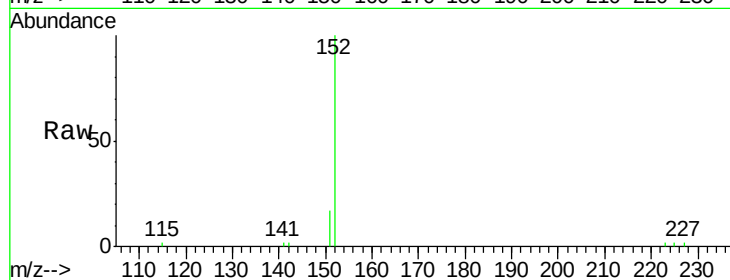
RE104D3-071318MS

Tgt Ion:152 Resp: 4448

Ion Ratio Lower Upper

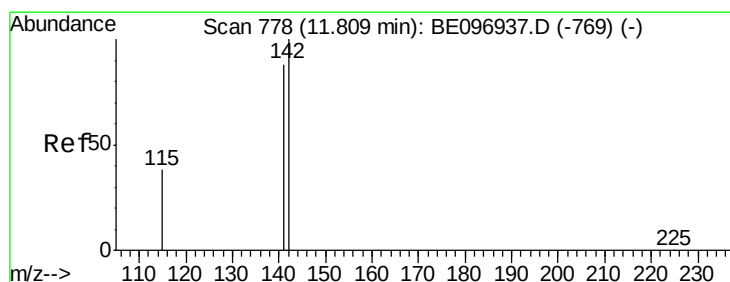
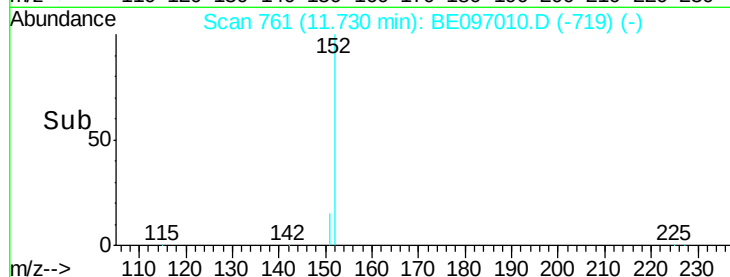
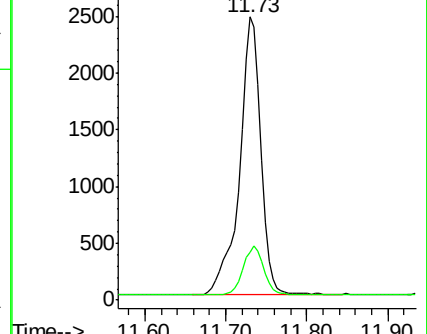
152 100

151 16.7 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: 0.447 ng

RT: 11.81 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

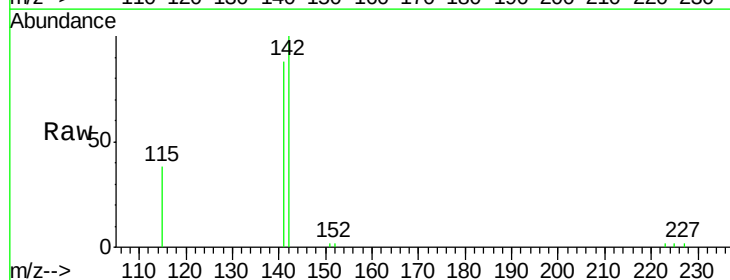
Tgt Ion:142 Resp: 4468

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6

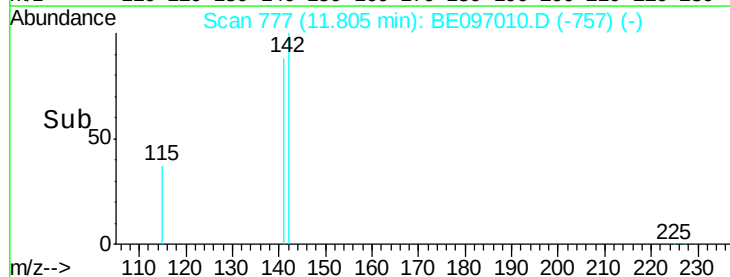
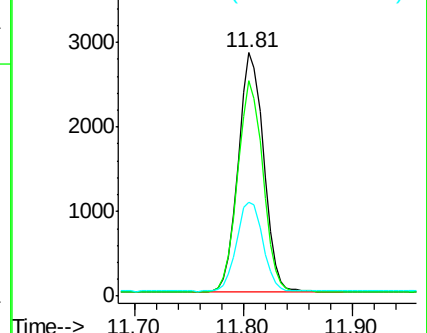
115 38.5 31.7 47.5

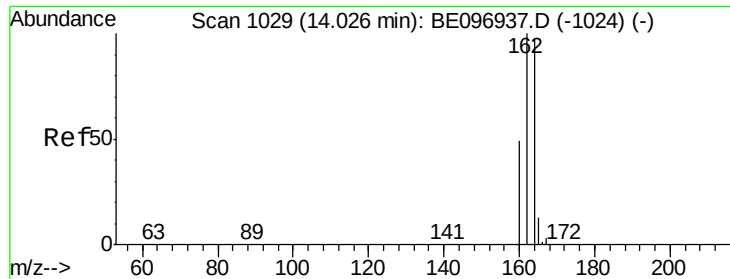


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1027

Delta R.T. -0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

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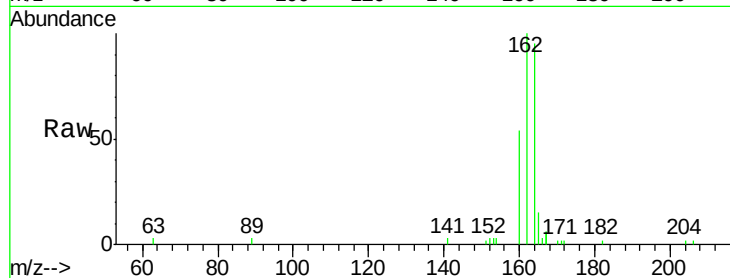
Tgt Ion:164 Resp: 3364

Ion Ratio Lower Upper

164 100

162 105.0 83.1 124.7

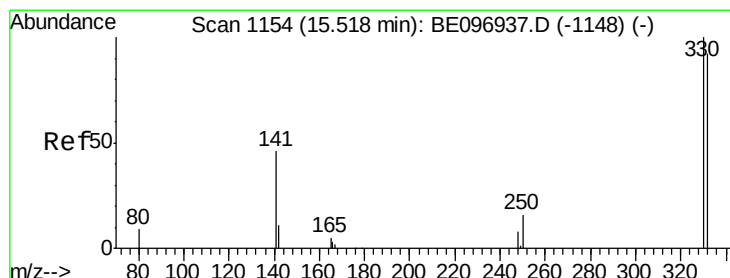
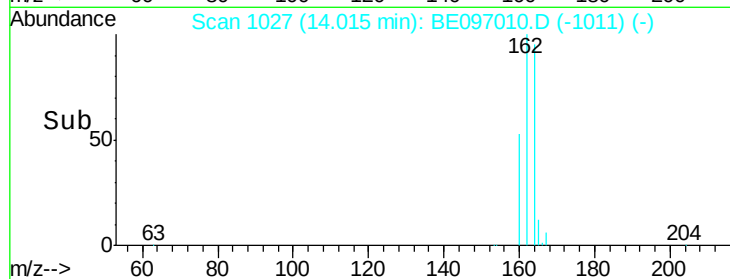
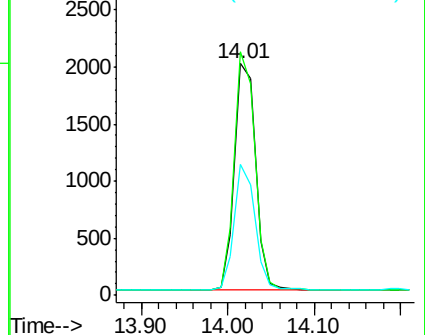
160 56.4 37.1 55.7#



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: 0.411 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

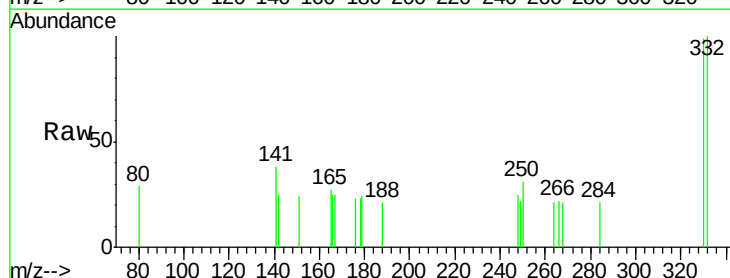
Tgt Ion:330 Resp: 302

Ion Ratio Lower Upper

330 100

332 99.0 152.7 229.1#

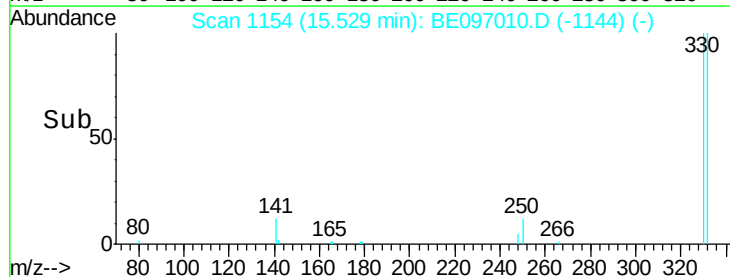
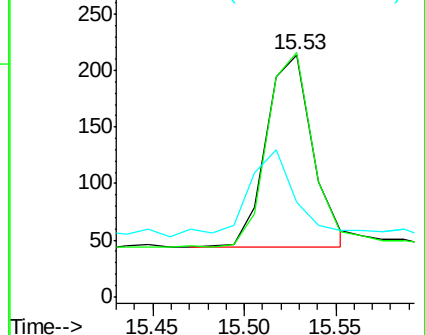
141 46.4 33.7 50.5

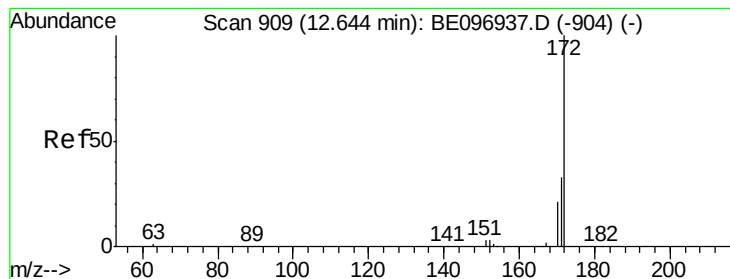


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

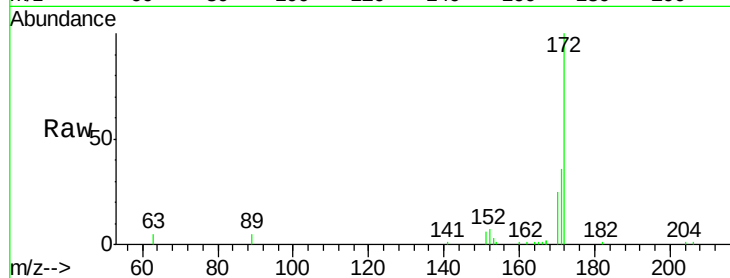




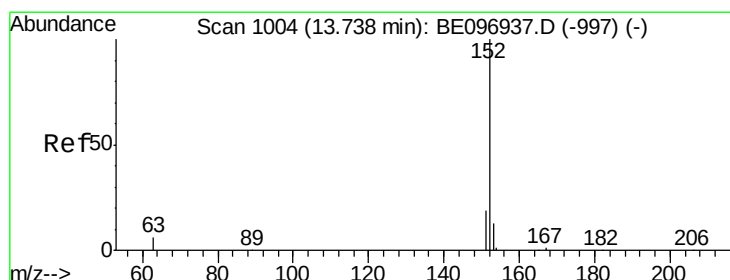
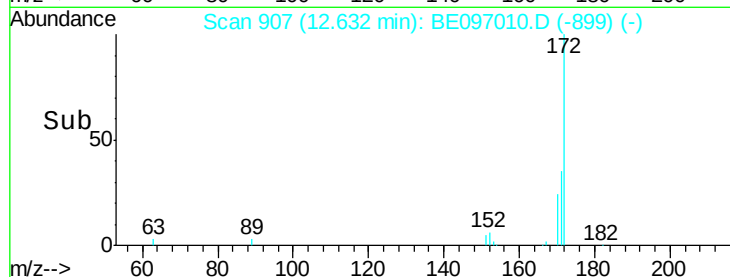
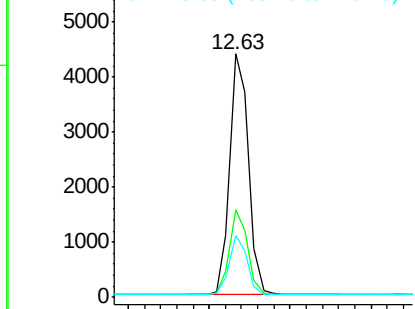
#15
2-Fluorobiphenyl
Concen: 0.564 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097010.D
Acq: 19 Jul 2018 18:19

Instrument :
BNA_E
ClientSampleId :
RE104D3-071318MS

Tgt Ion:172 Resp: 7063
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 25.2 21.8 32.8

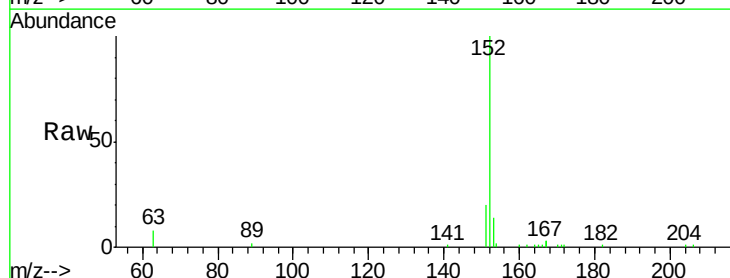


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

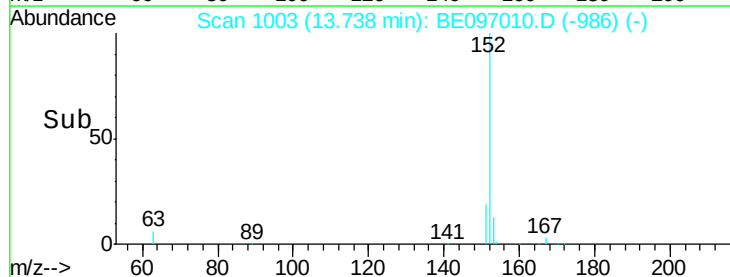
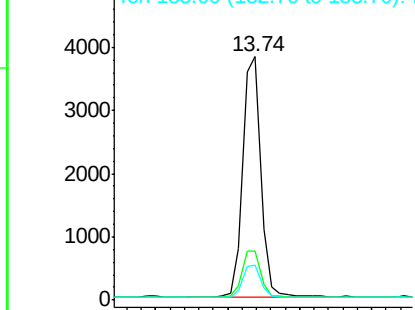


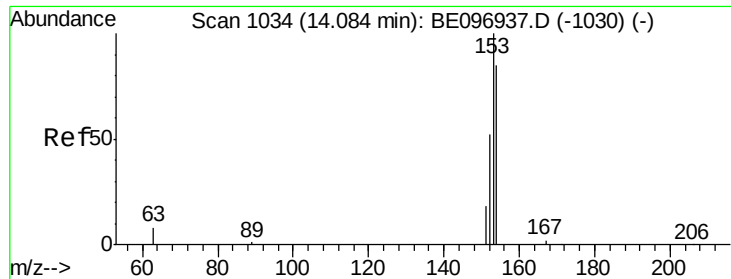
#16
Acenaphthylene
Concen: 0.433 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097010.D
Acq: 19 Jul 2018 18:19

Tgt Ion:152 Resp: 6652
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.3 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: 0.423 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

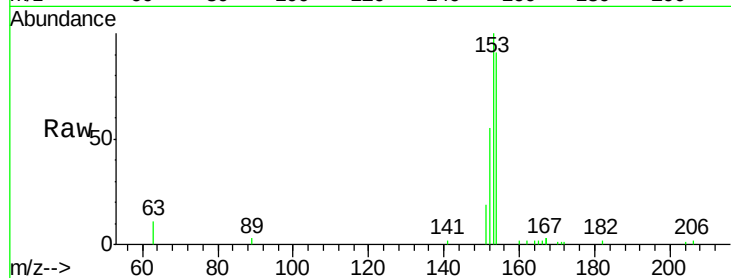
Tgt Ion:154 Resp: 4037

Ion Ratio Lower Upper

154 100

153 113.1 89.2 133.8

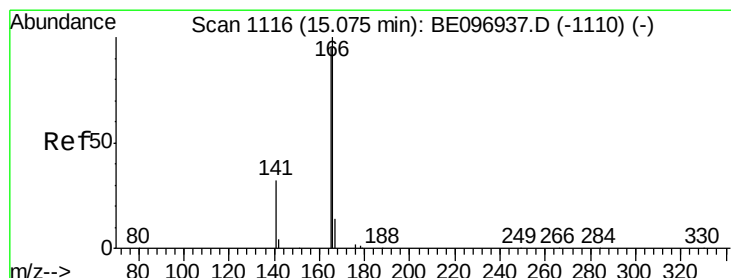
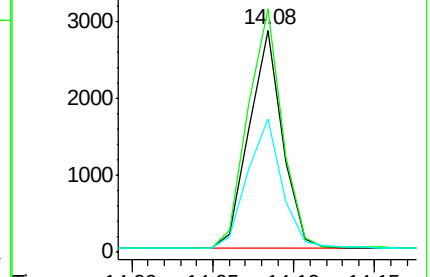
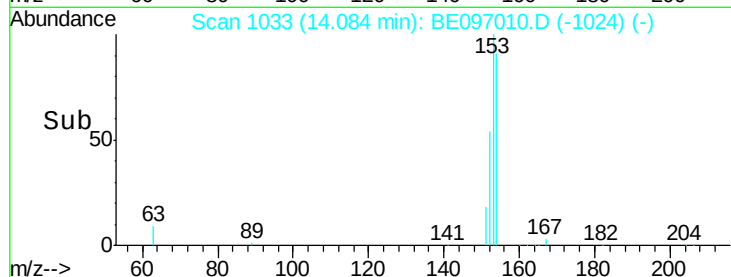
152 61.6 42.0 63.0



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: 0.471 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

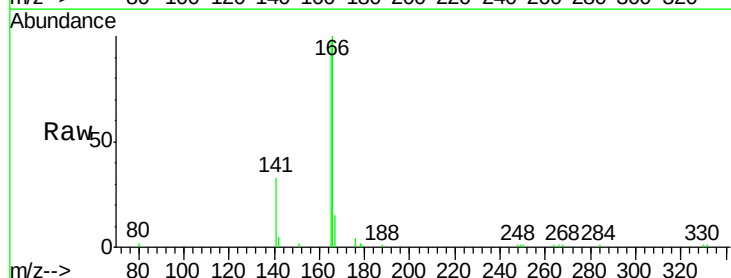
Tgt Ion:166 Resp: 5052

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

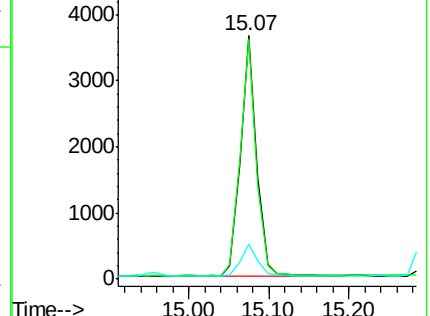
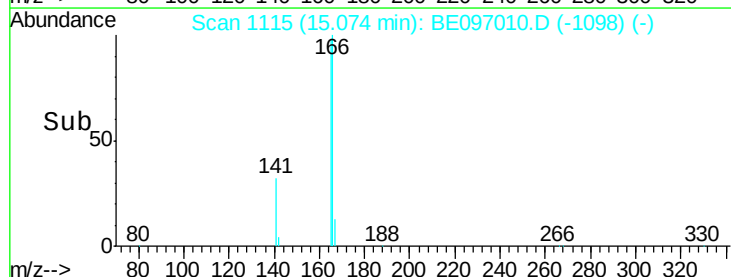
167 13.6 42.4 63.6#

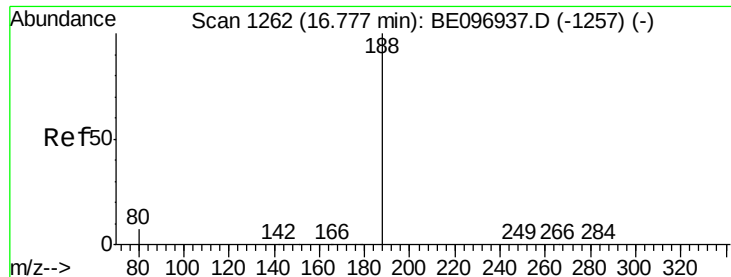


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.76 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

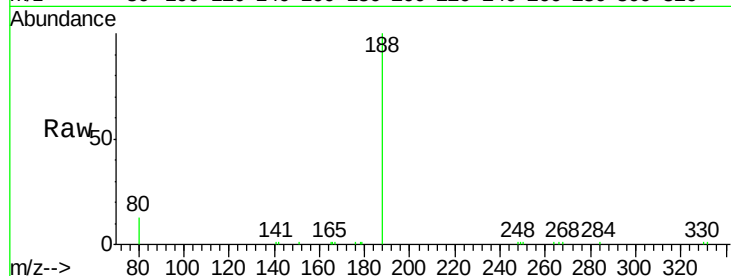
Tgt Ion:188 Resp: 10366

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

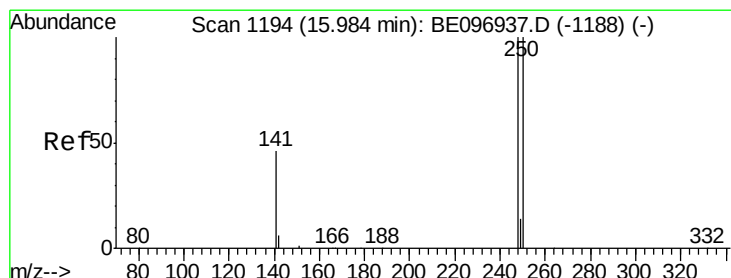
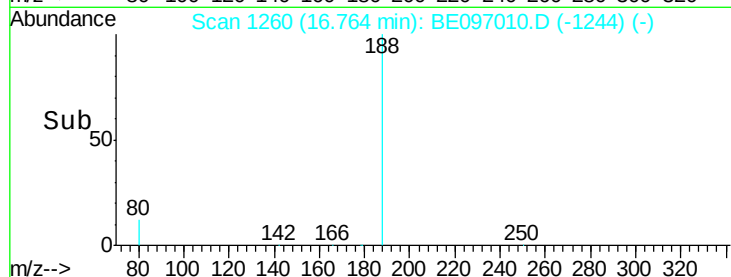
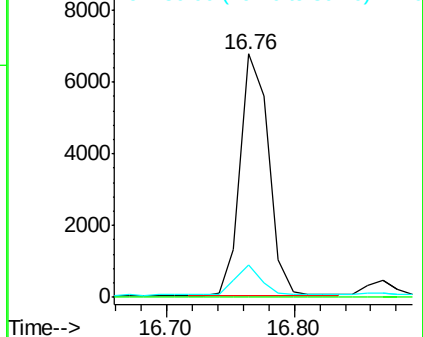
80 13.2 3.6 5.4#



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: 0.395 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

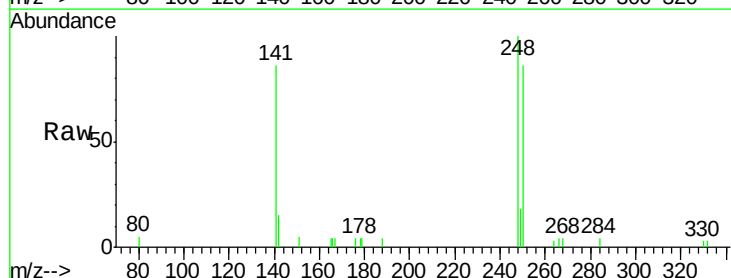
Tgt Ion:248 Resp: 1935

Ion Ratio Lower Upper

248 100

250 86.5 62.7 94.1

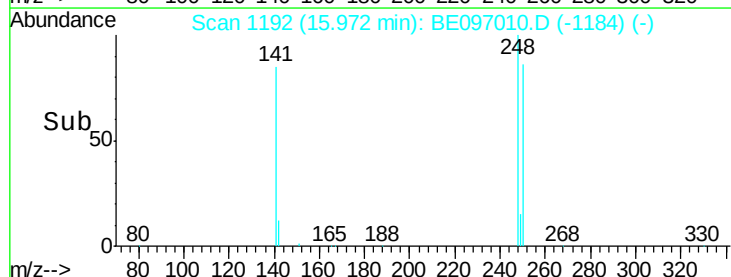
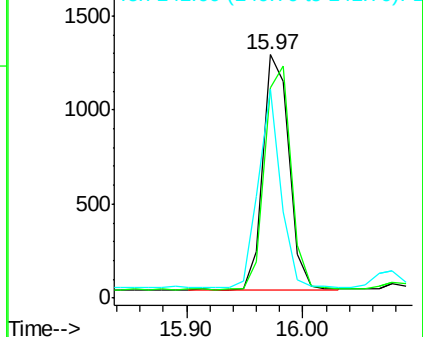
141 86.0 48.2 72.2#

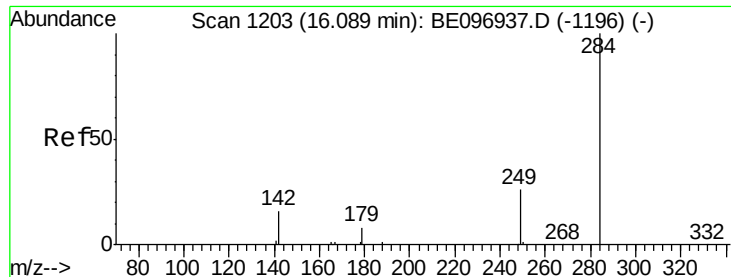


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

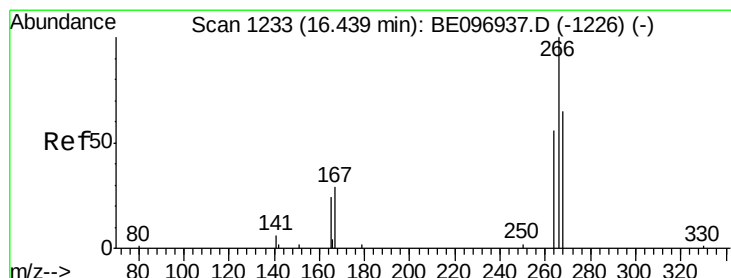
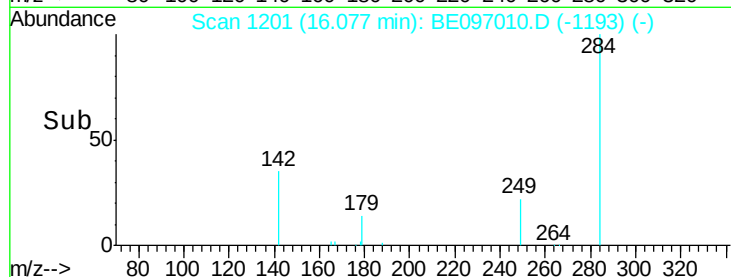
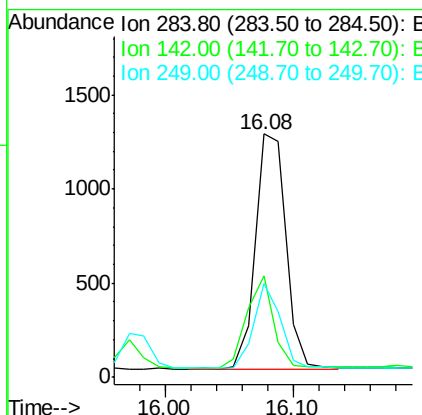
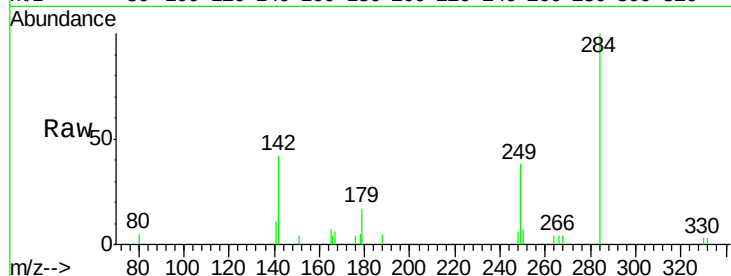




#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BE097010.D
Acq: 19 Jul 2018 18:19

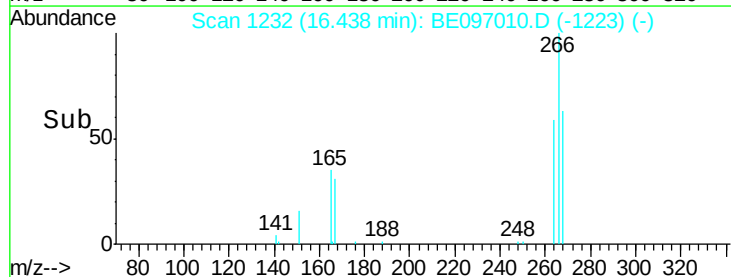
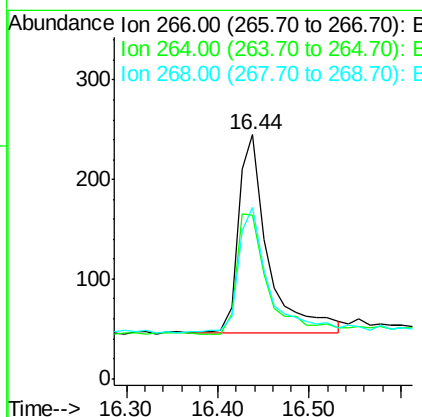
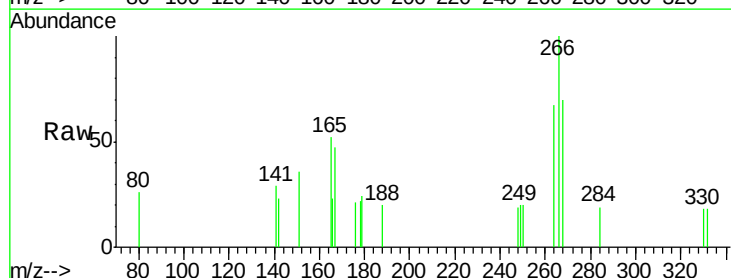
Instrument :
BNA_E
ClientSampleId :
RE104D3-071318MS

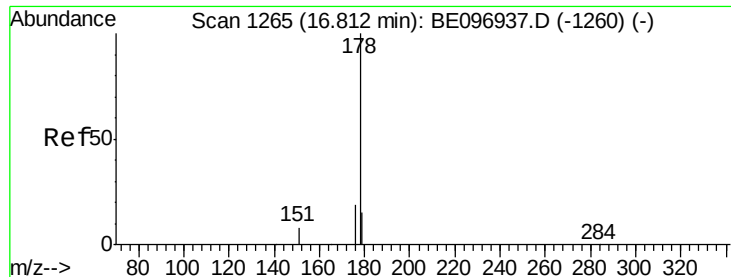
Tgt Ion: 284 Resp: 2086
Ion Ratio Lower Upper
284 100
142 33.6 22.1 33.1#
249 31.7 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.541 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097010.D
Acq: 19 Jul 2018 18:19

Tgt Ion: 266 Resp: 446
Ion Ratio Lower Upper
266 100
264 66.9 72.5 108.7#
268 70.2 73.8 110.6#





#23

Phenanthrene

Concen: 0.475 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

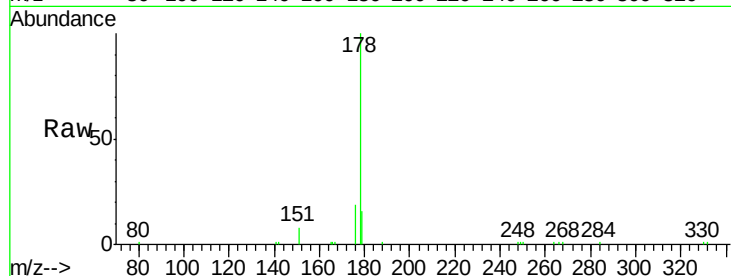
Tgt Ion:178 Resp: 11791

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

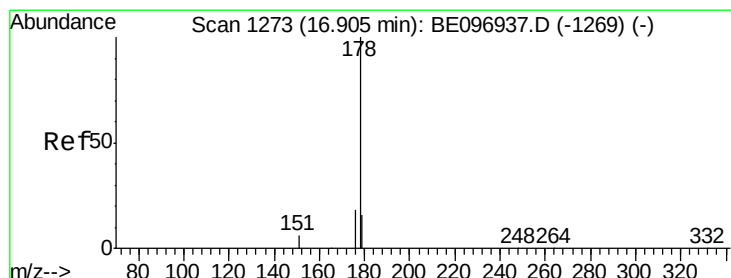
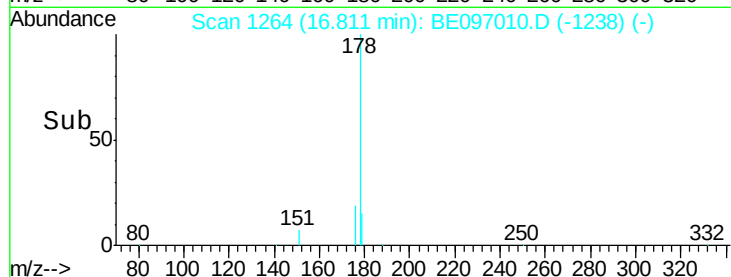
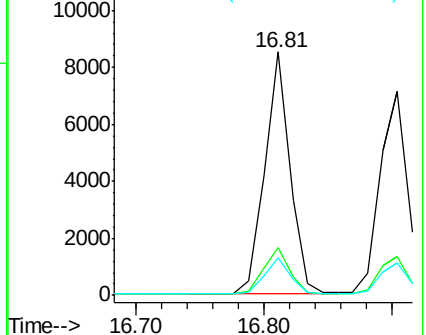
179 15.7 11.8 17.6



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: 0.493 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

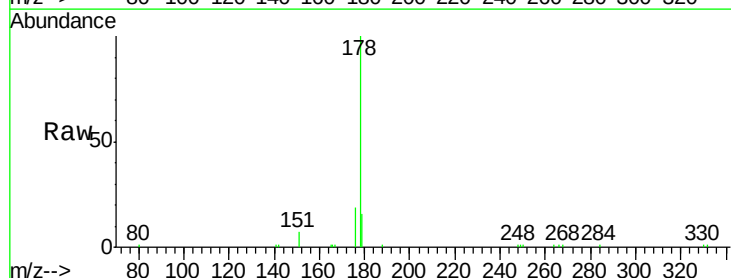
Tgt Ion:178 Resp: 10654

Ion Ratio Lower Upper

178 100

176 19.2 12.8 19.2

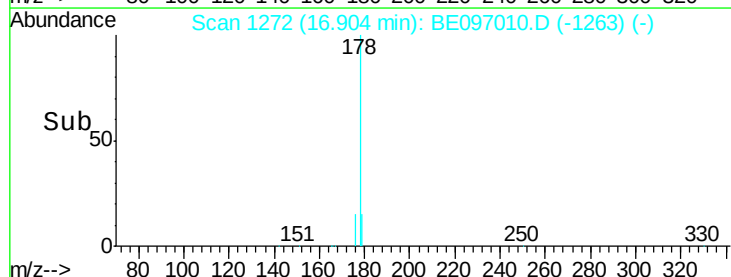
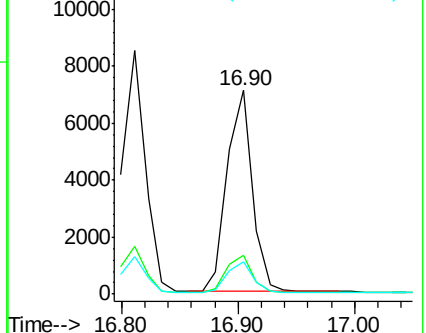
179 15.0 13.0 19.6

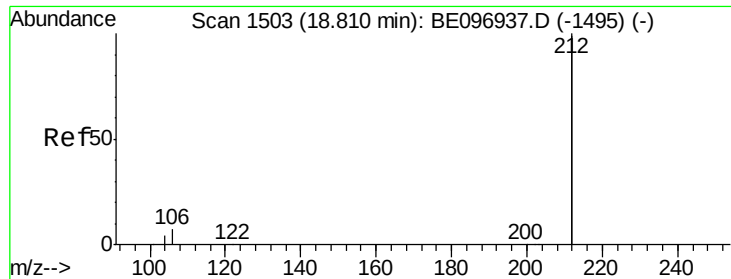


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.612 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

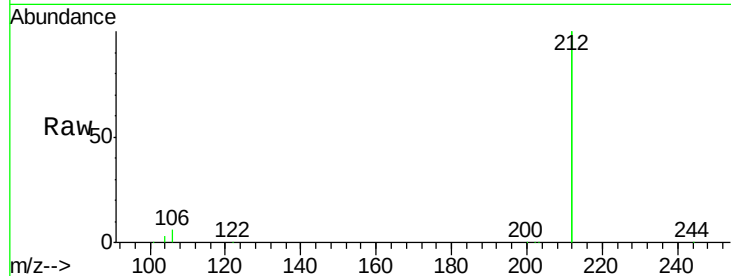
Tgt Ion:212 Resp: 55196

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

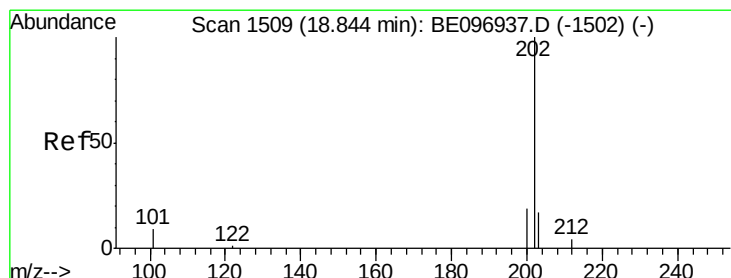
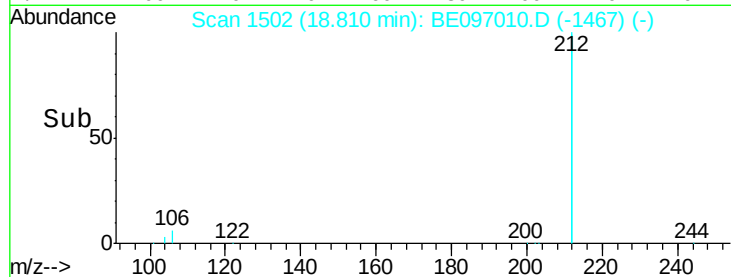
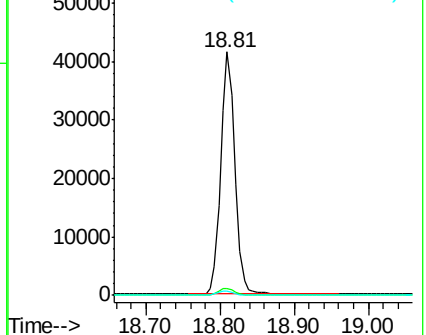
104 1.7 1.6 2.4



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: 0.566 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

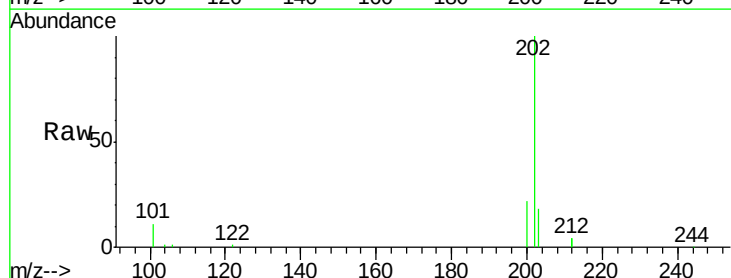
Tgt Ion:202 Resp: 14824

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

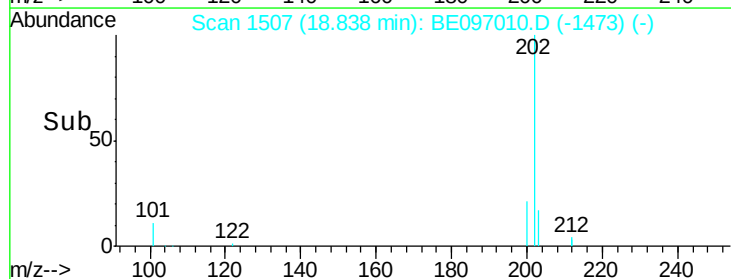
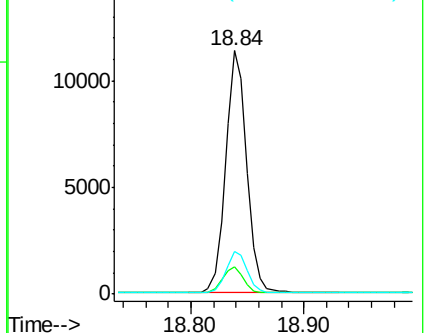
203 17.2 13.7 20.5

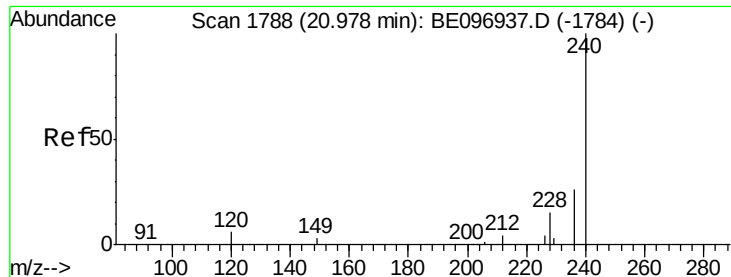


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

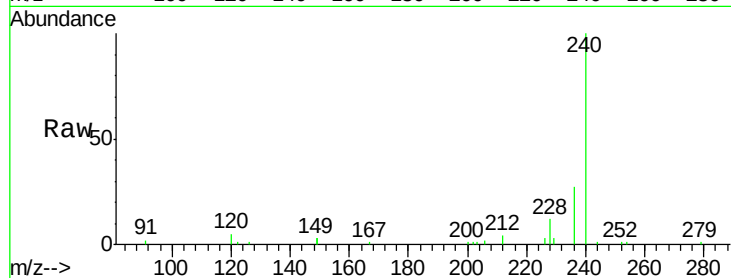
Tgt Ion:240 Resp: 11569

Ion Ratio Lower Upper

240 100

120 4.6 5.5 8.3#

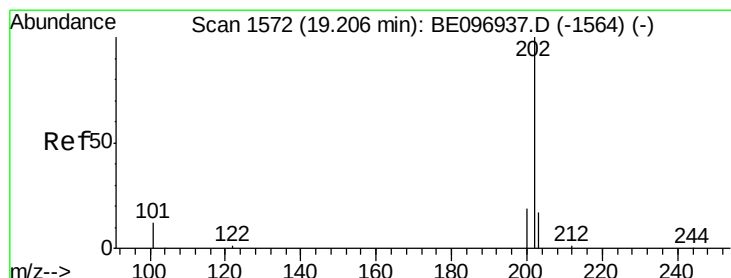
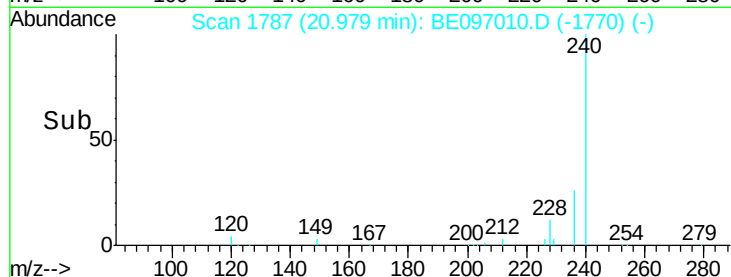
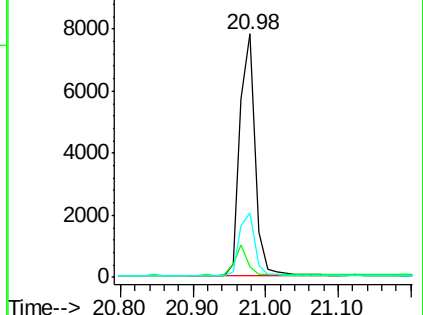
236 26.6 20.7 31.1



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: 0.442 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

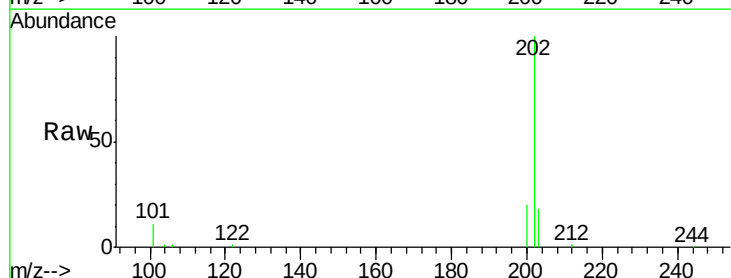
Tgt Ion:202 Resp: 15088

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

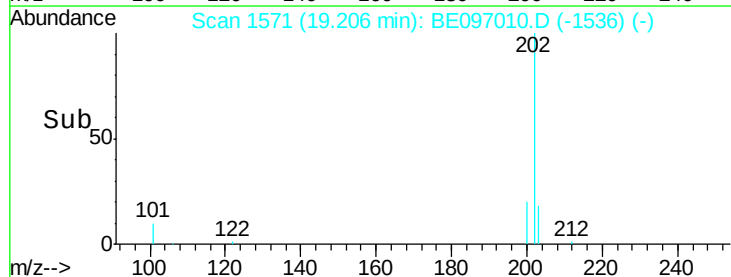
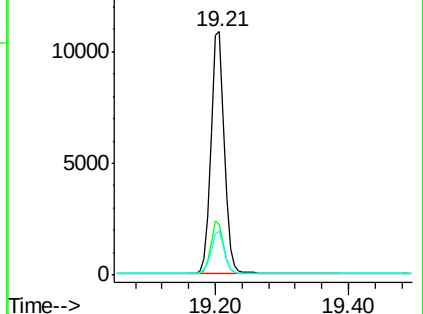
203 17.9 13.8 20.8

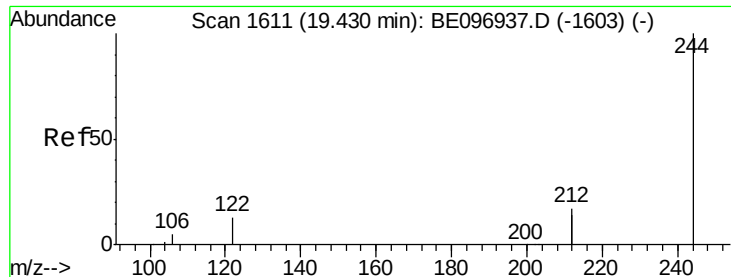


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.519 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

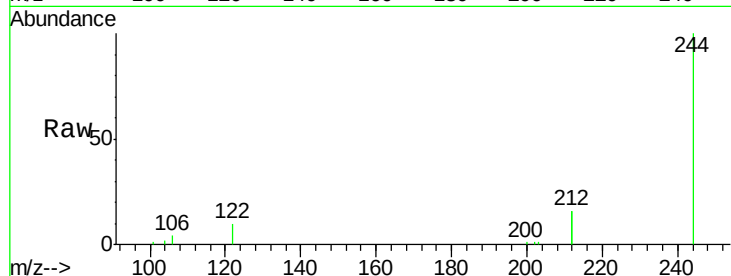
Tgt Ion:244 Resp: 11575

Ion Ratio Lower Upper

244 100

212 32.7 25.4 38.0

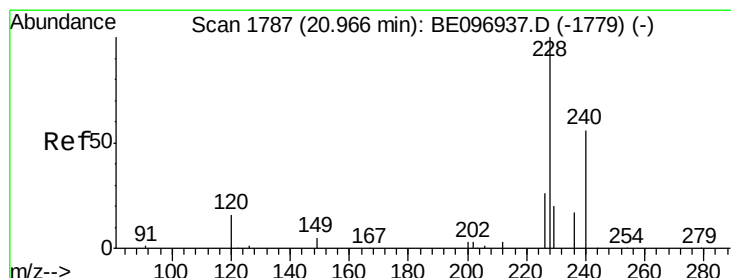
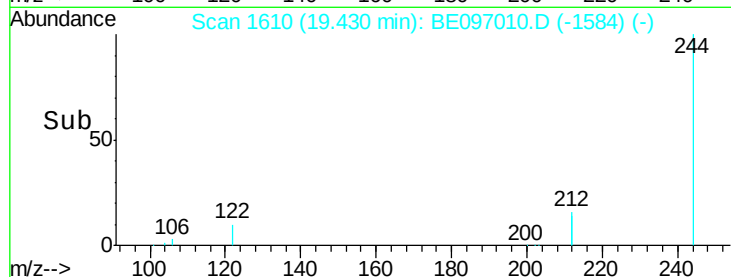
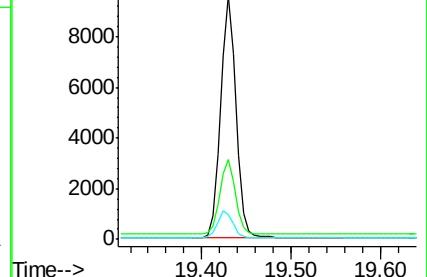
122 10.2 8.1 12.1



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: 0.502 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

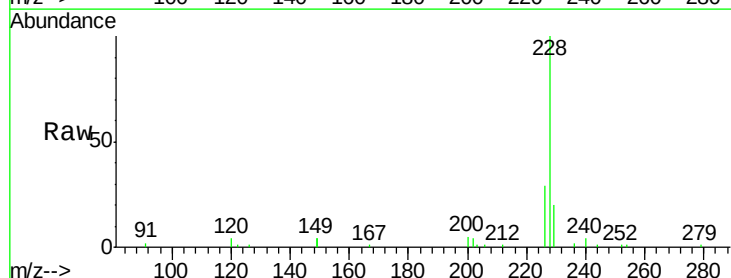
Tgt Ion:228 Resp: 13822

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

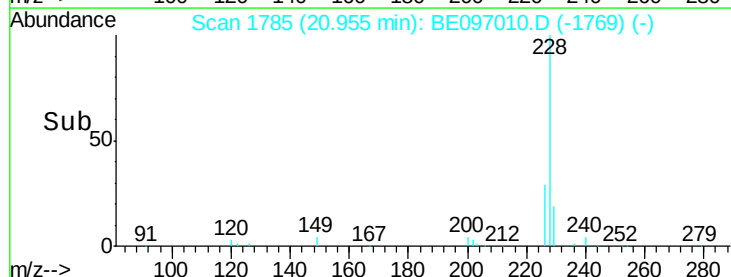
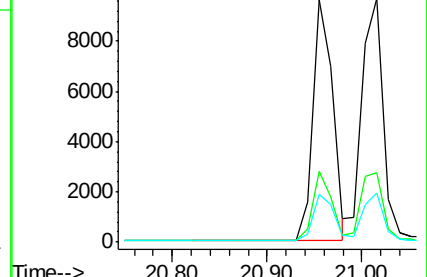
229 19.5 16.0 24.0

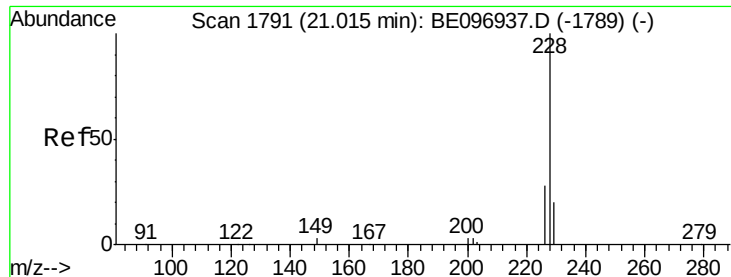


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.479 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

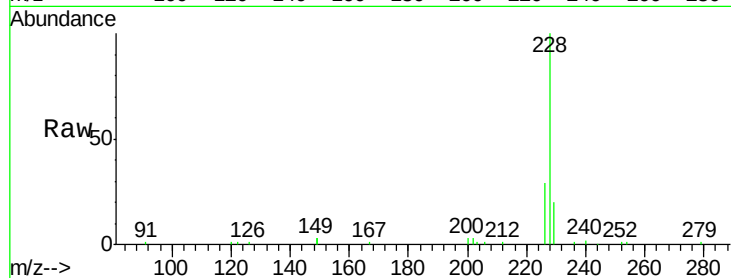
Tgt Ion:228 Resp: 14800

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

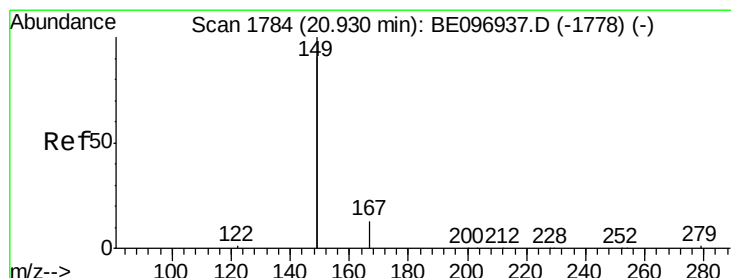
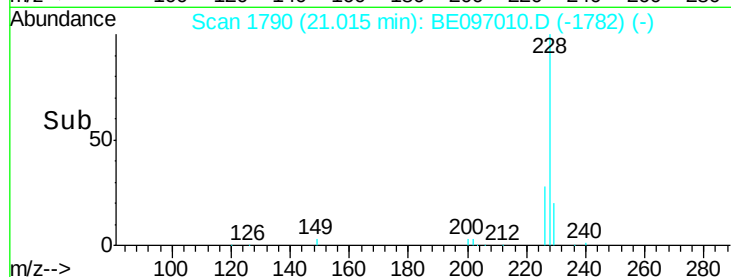
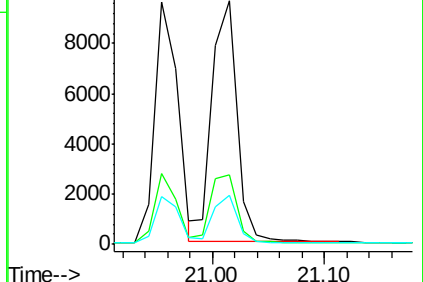
229 20.0 16.0 24.0



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: 0.630 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

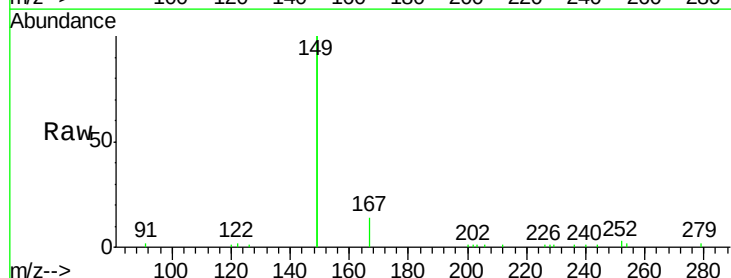
Tgt Ion:149 Resp: 17327

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

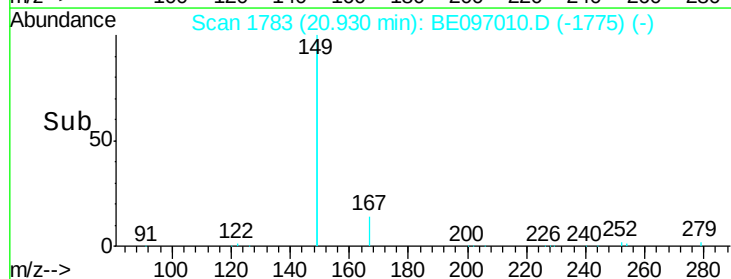
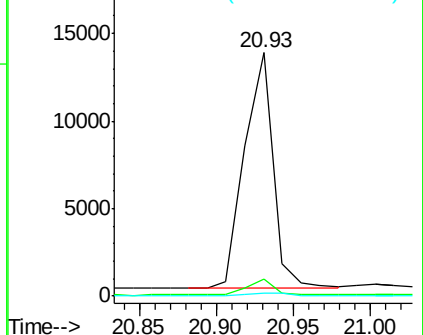
279 1.0 0.7 1.1

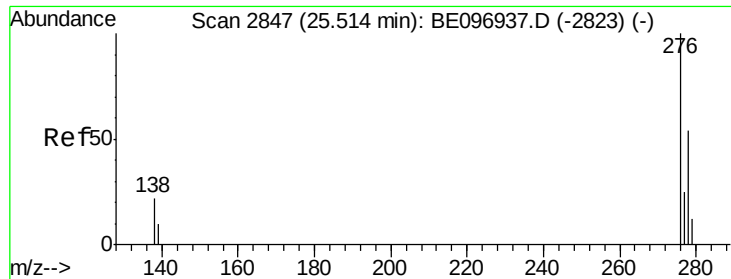


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.603 ng

RT: 25.50 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

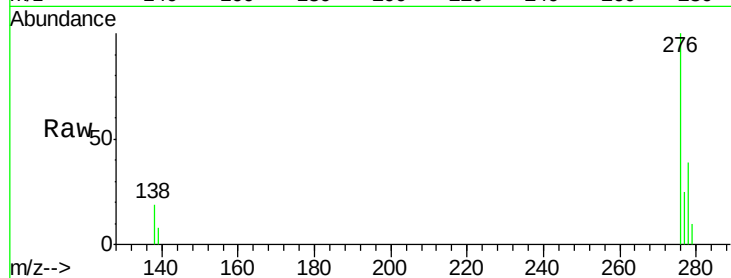
Tgt Ion:276 Resp: 13575

Ion Ratio Lower Upper

276 100

138 21.1 22.5 33.7#

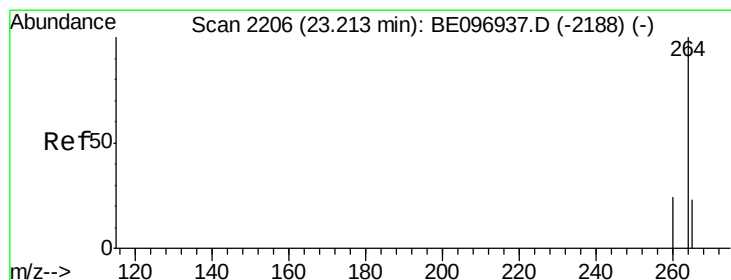
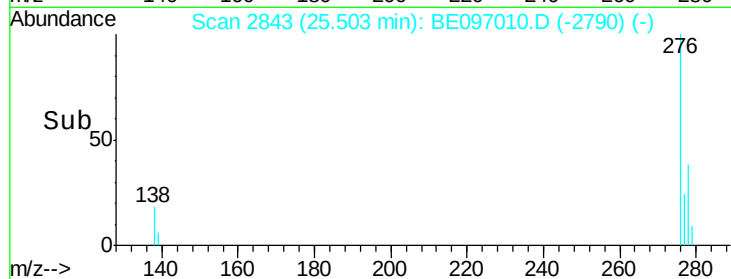
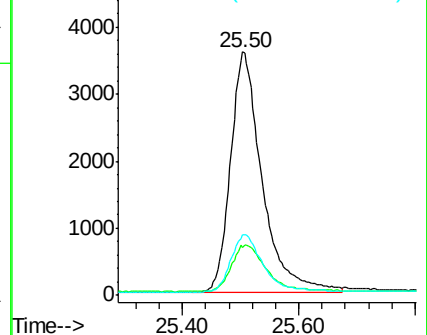
277 24.5 19.9 29.9



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: 23.21 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

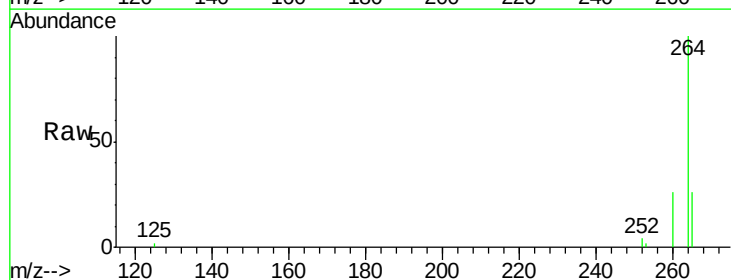
Tgt Ion:264 Resp: 10207

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

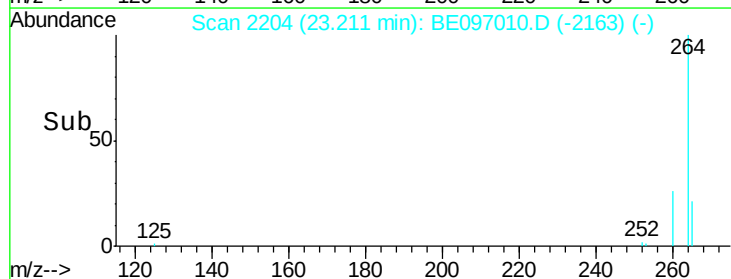
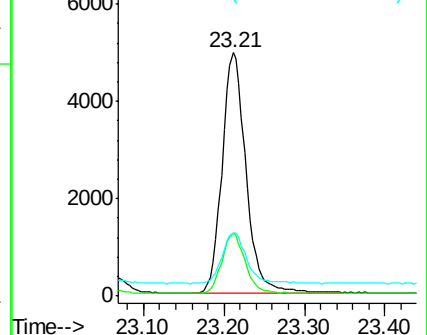
265 26.0 22.8 34.2

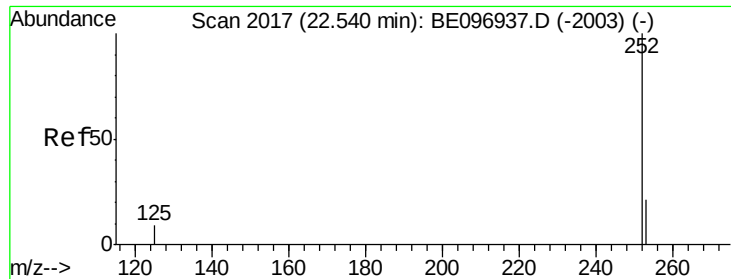


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

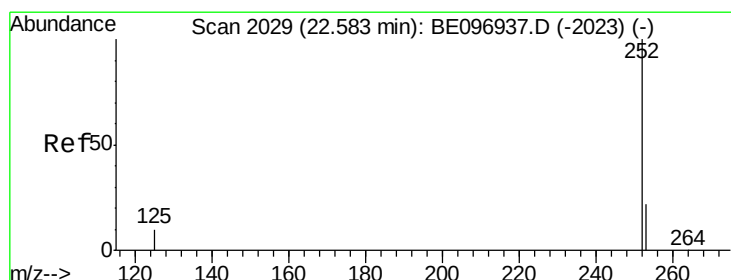
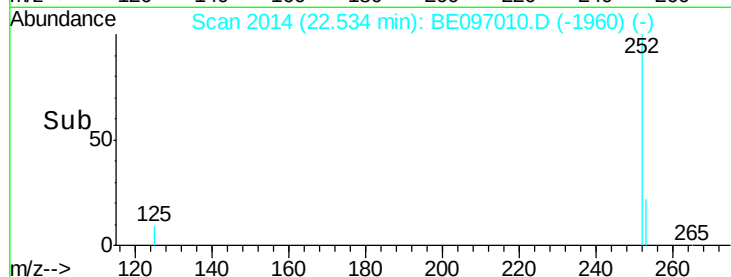
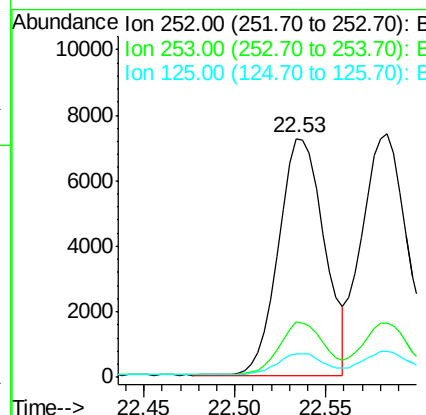
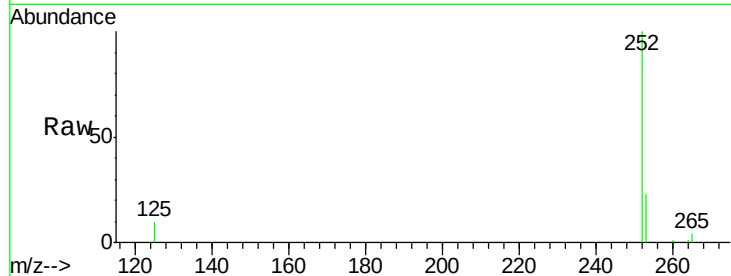




#35
Benzo(b)fluoranthene
Concen: 0.481 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BE097010.D
Acq: 19 Jul 2018 18:19

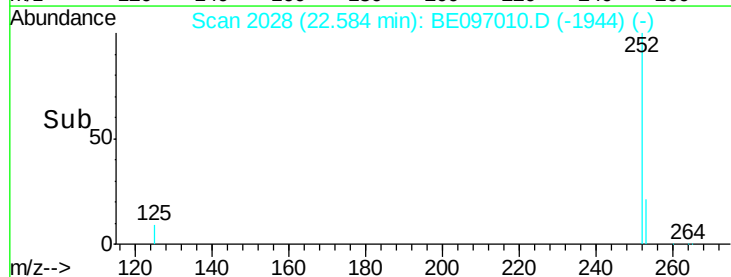
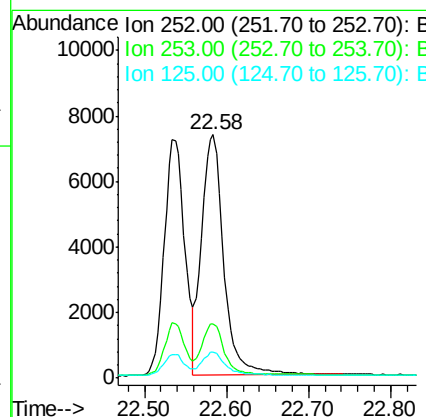
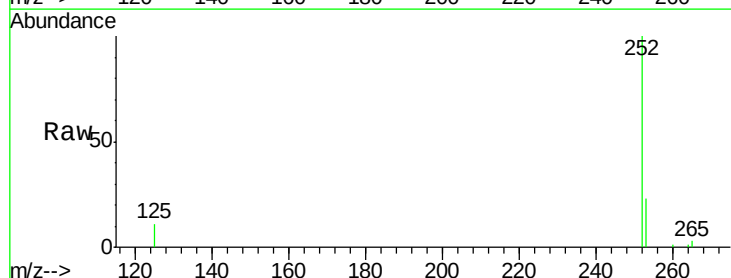
Instrument :
BNA_E
ClientSampleId :
RE104D3-071318MS

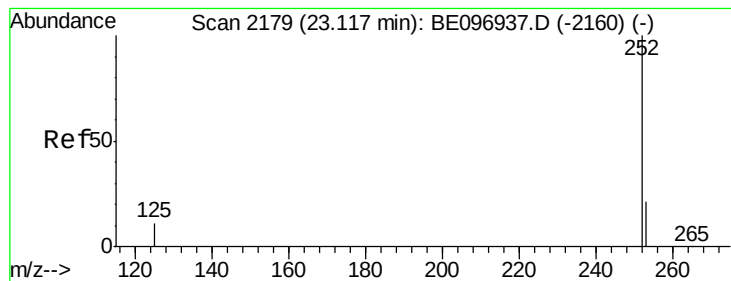
Tgt Ion: 252 Resp: 12535
Ion Ratio Lower Upper
252 100
253 23.2 20.0 30.0
125 10.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.446 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE097010.D
Acq: 19 Jul 2018 18:19

Tgt Ion: 252 Resp: 13826
Ion Ratio Lower Upper
252 100
253 22.5 16.0 24.0
125 10.6 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.465 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS

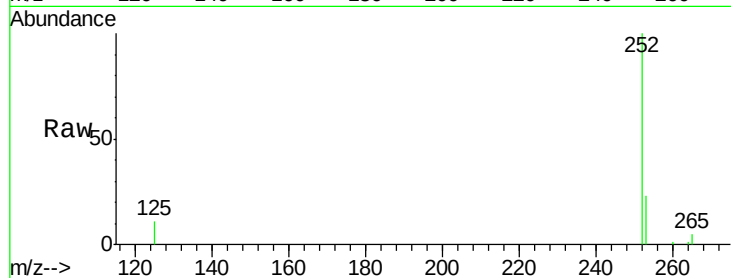
Tgt Ion:252 Resp: 10775

Ion Ratio Lower Upper

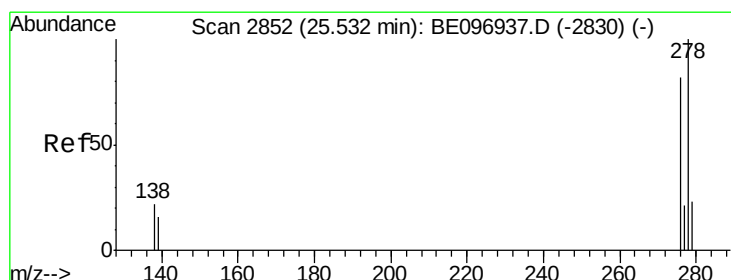
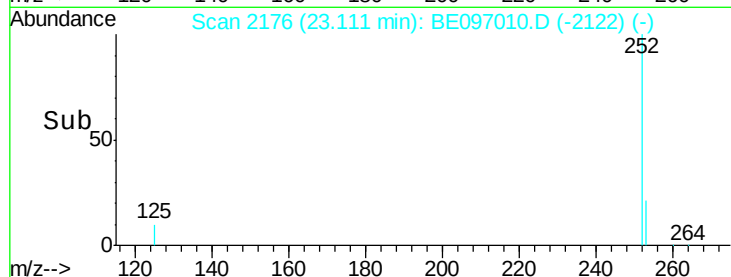
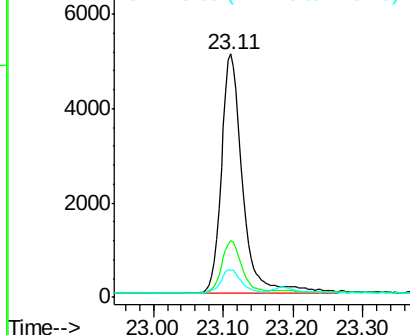
252 100

253 23.1 16.0 24.0

125 11.2 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: 0.562 ng

RT: 25.53 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE097010.D

Acq: 19 Jul 2018 18:19

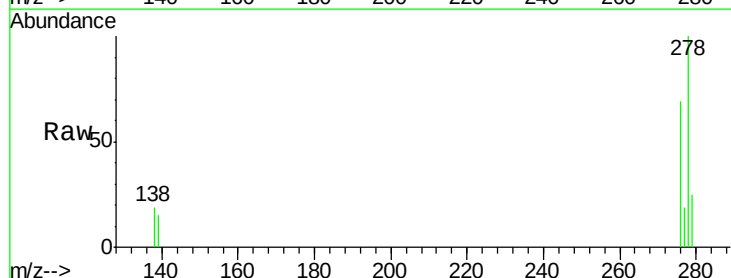
Tgt Ion:278 Resp: 11313

Ion Ratio Lower Upper

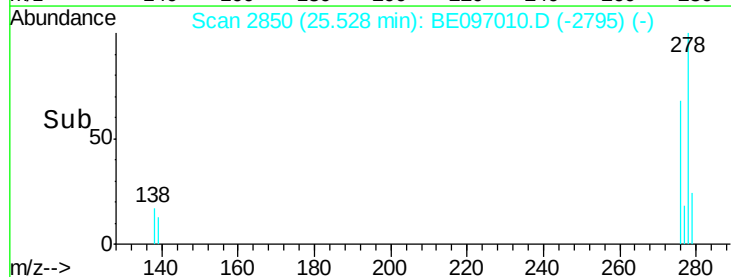
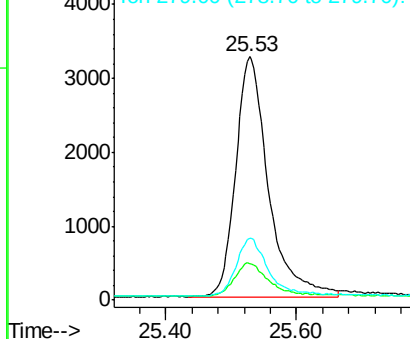
278 100

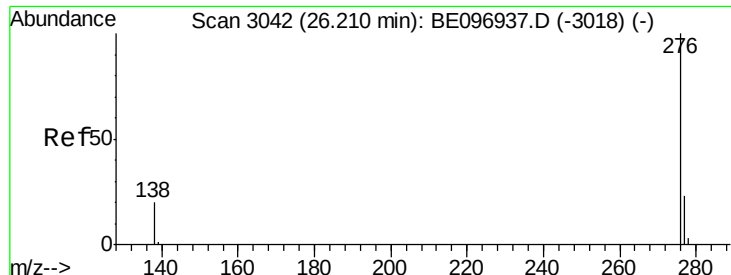
139 14.9 16.0 24.0#

279 25.3 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: 0.517 ng

RT: 26.20 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BE097010.D

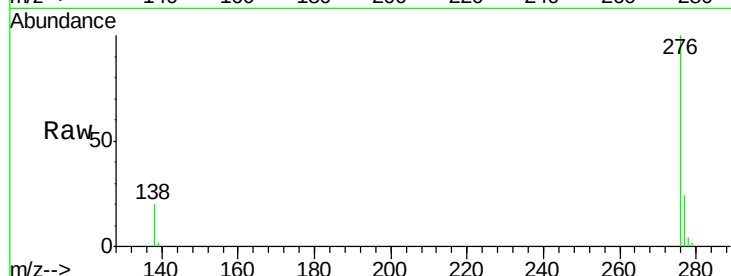
Acq: 19 Jul 2018 18:19

Instrument :

BNA_E

ClientSampleId :

RE104D3-071318MS



Tgt Ion: 276 Resp: 10954

Ion Ratio Lower Upper

276 100

277 24.5 16.0 24.0#

138 20.3 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

