

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097030.D
 Acq On : 23 Jul 2018 10:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 23 11:12:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1391	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6344	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3594	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	10428	0.40	ng	0.00
27) Chrysene-d12	20.98	240	9906	0.40	ng	0.00
34) Perylene-d12	23.21	264	8076	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1184	0.36	ng	0.00
5) Phenol-d6	6.60	99	1656	0.33	ng	0.00
8) Nitrobenzene-d5	8.52	82	1897	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3491	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	298	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5141	0.38	ng	0.00
25) Fluoranthene-d10	18.81	212	39467	0.43	ng	0.00
29) Terphenyl-d14	19.43	244	7391	0.39	ng	0.00

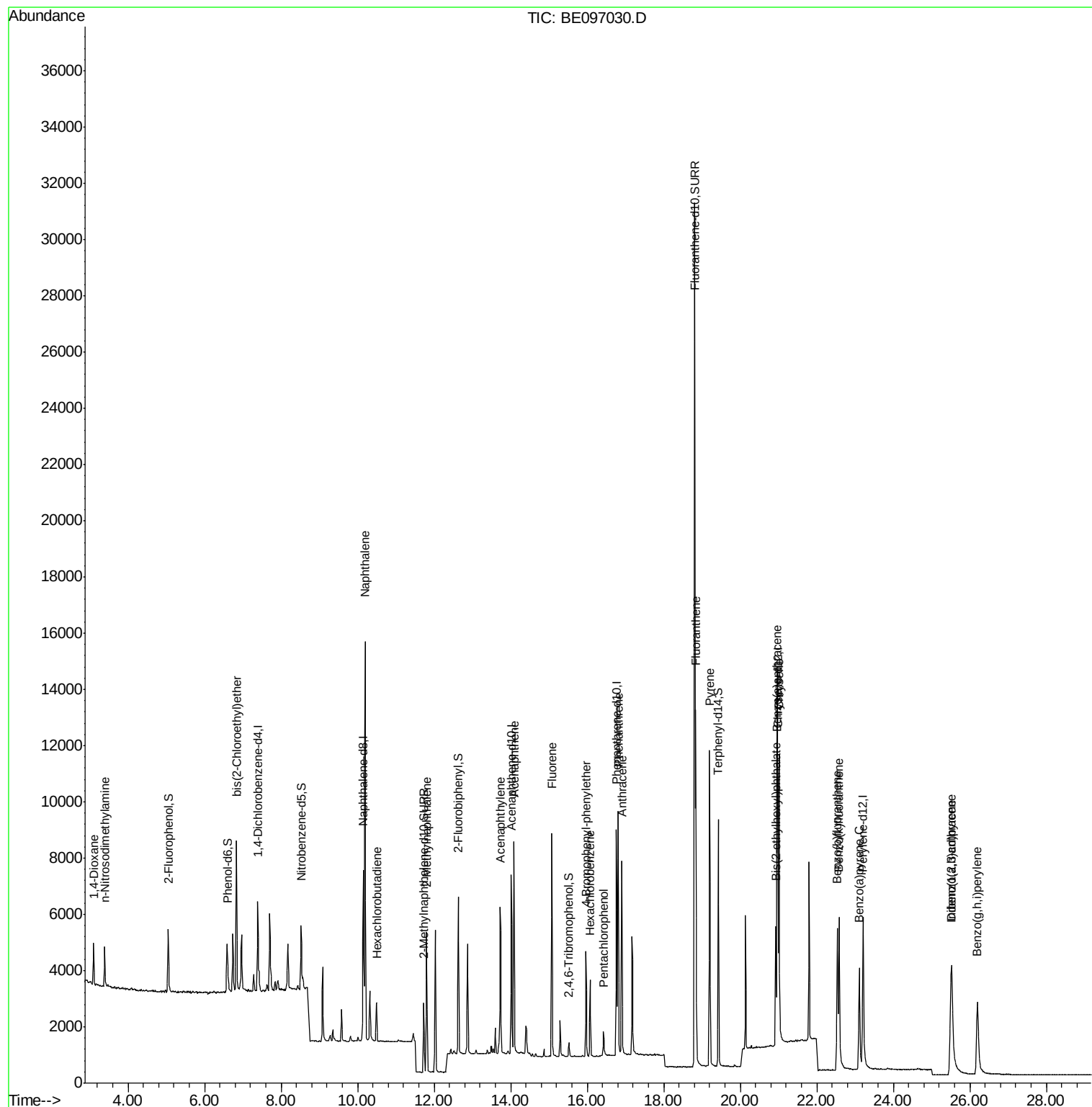
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	923	0.464	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	939	0.419	ng	# 87
6) bis(2-Chloroethyl)ether	6.84	93	1873	0.376	ng	98
9) Naphthalene	10.20	128	22428	0.395	ng	100
10) Hexachlorobutadiene	10.50	225	1081	0.471	ng	96
12) 2-Methylnaphthalene	11.80	142	3613	0.375	ng	99
16) Acenaphthylene	13.73	152	6189	0.377	ng	100
17) Acenaphthene	14.08	154	3707	0.363	ng	# 91
18) Fluorene	15.08	166	4562	0.398	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	1866	0.378	ng	# 80
21) Hexachlorobenzene	16.08	284	2123	0.388	ng	# 83
22) Pentachlorophenol	16.43	266	502	0.591	ng	# 76
23) Phenanthrene	16.81	178	9595	0.384	ng	98
24) Anthracene	16.91	178	8078	0.372	ng	96
26) Fluoranthene	18.84	202	10825	0.411	ng	98
28) Pyrene	19.20	202	10616	0.363	ng	100
30) Benzo(a)anthracene	20.95	228	8897	0.377	ng	98
31) Chrysene	21.01	228	10112	0.382	ng	98
32) Bis(2-ethylhexyl)phthalate	20.93	149	6269	0.266	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	7742	0.402	ng	# 92
35) Benzo(b)fluoranthene	22.54	252	7018	0.341	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	8771	0.358	ng	96
37) Benzo(a)pyrene	23.11	252	6362	0.372	ng	# 92
38) Dibenzo(a,h)anthracene	25.53	278	6310	0.431	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	7071	0.422	ng	# 91

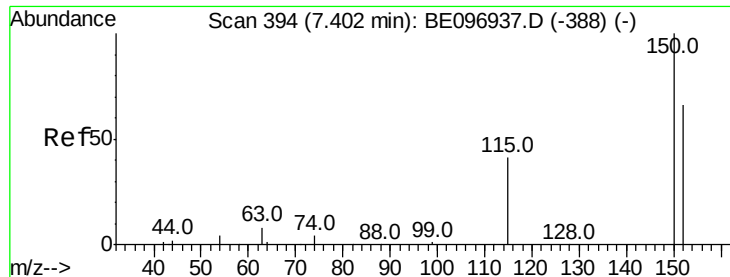
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
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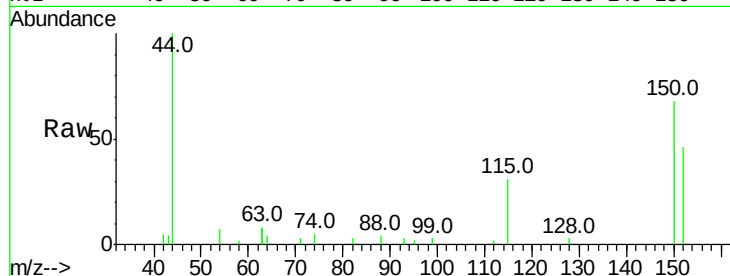


#1

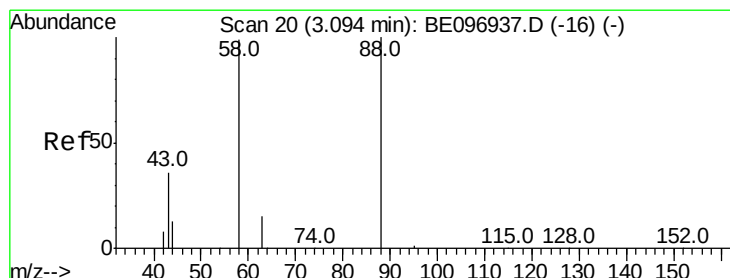
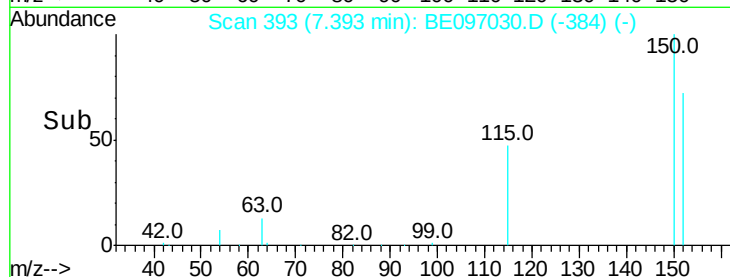
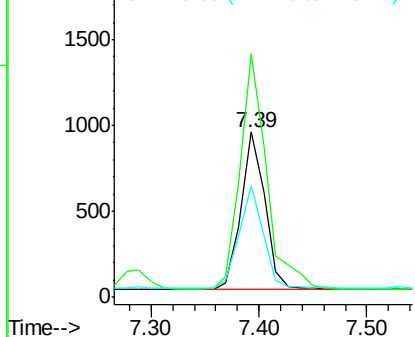
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1391
Ion Ratio Lower Upper
152 100
150 147.5 117.2 175.8
115 67.7 57.0 85.6



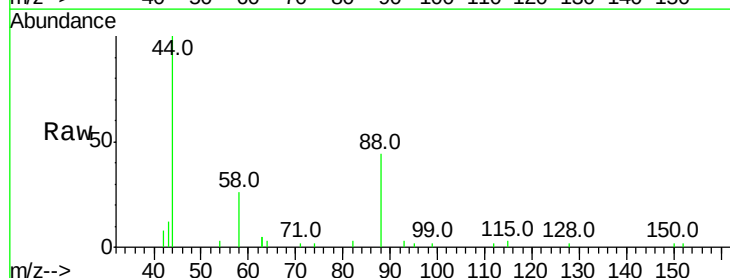
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



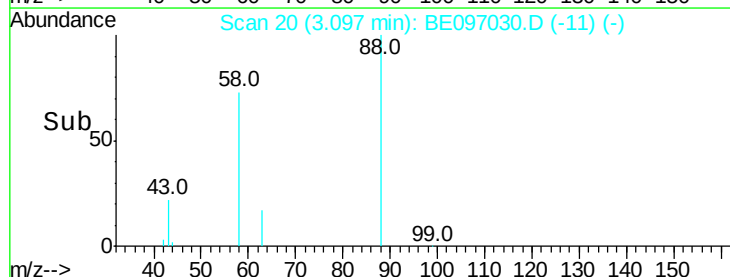
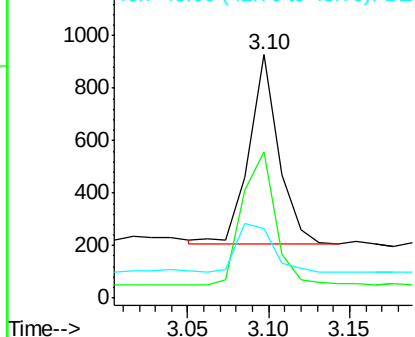
#2

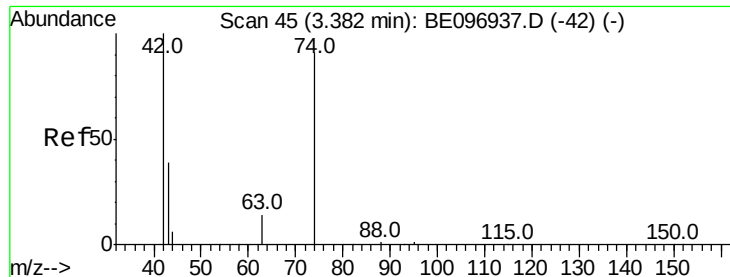
1,4-Dioxane
Concen: 0.464 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Tgt Ion: 88 Resp: 923
Ion Ratio Lower Upper
88 100
58 79.4 63.2 94.8
43 31.0 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



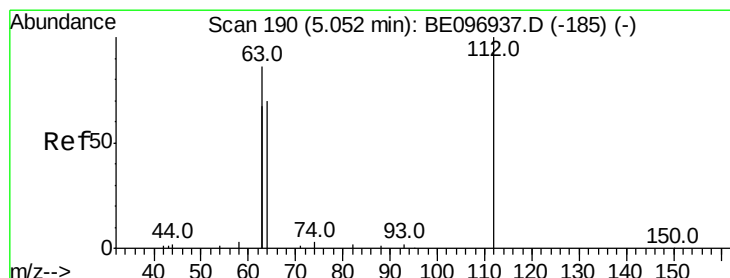
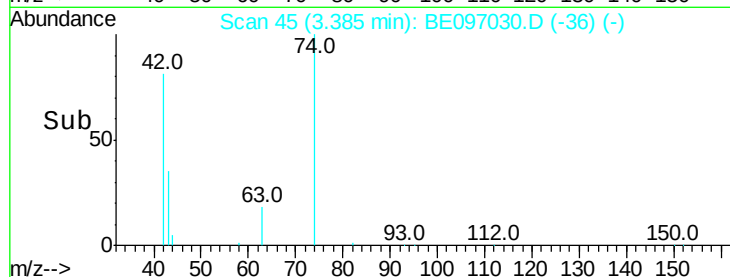
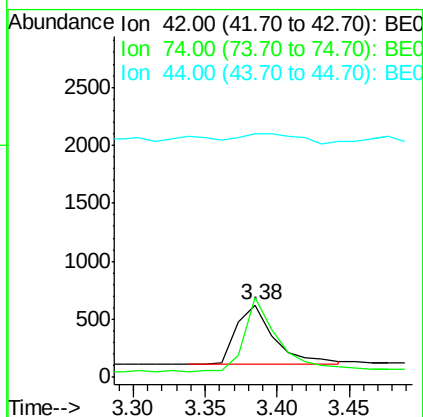
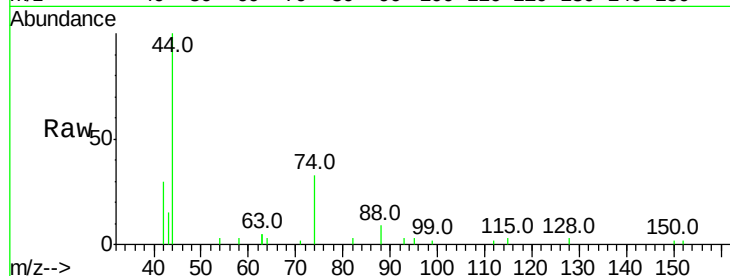


#3

n-Nitrosodimethylamine
Concen: 0.419 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Instrument :
BNA_E
ClientSampleId :

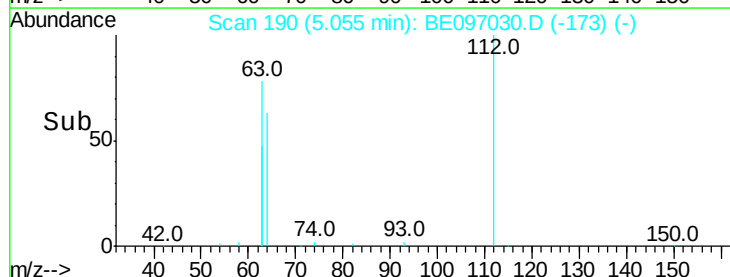
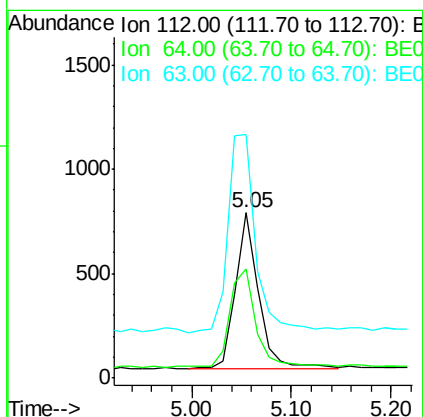
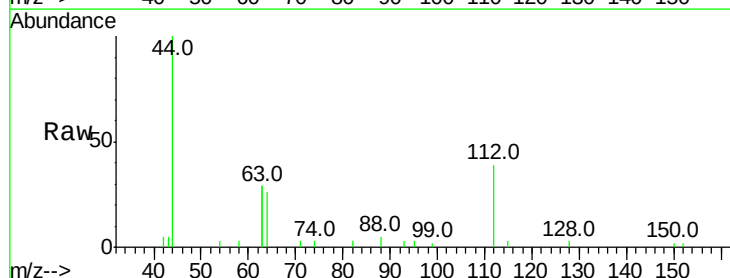
Tot Ion: 42 Resp: 939
Ion Ratio Lower Upper
42 100
74 107.5 96.0 144.0
44 25.1 12.0 18.0#

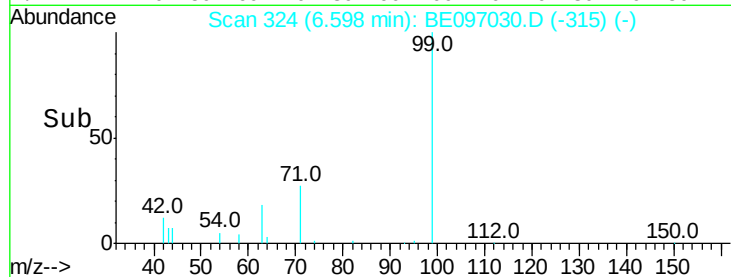
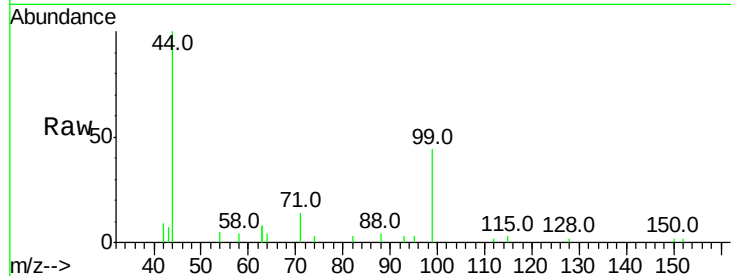
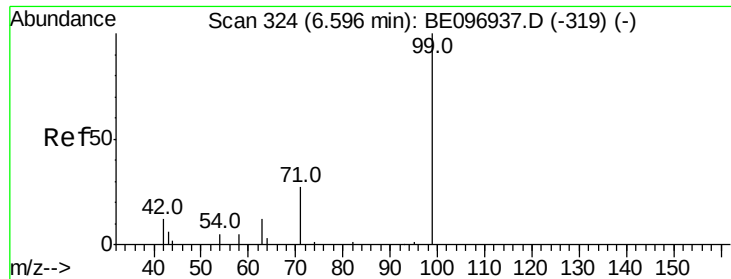


#4

2-Fluorophenol
Concen: 0.356 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Tgt Ion: 112 Resp: 1184
Ion Ratio Lower Upper
112 100
64 72.7 60.1 90.1
63 155.7 116.8 175.2





#5

Phenol-d6

Concen: 0.326 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

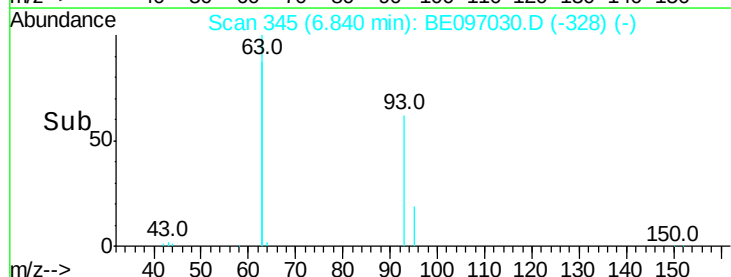
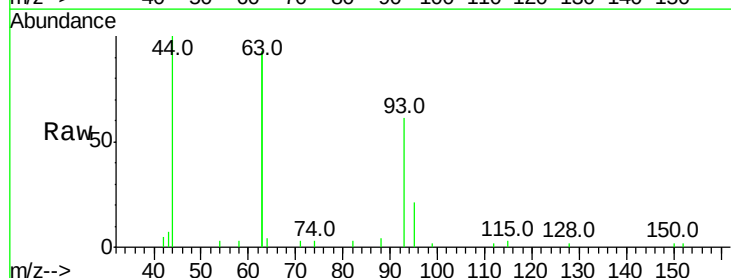
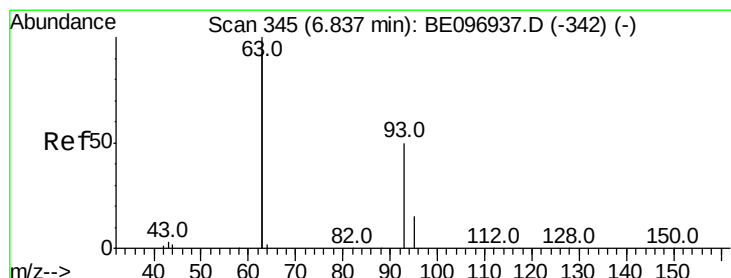
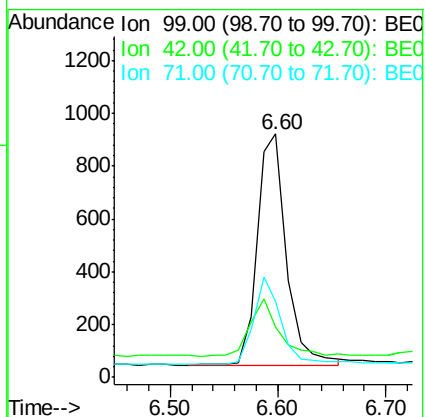
Tot Ion: 99 Resp: 1656

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

71 35.3 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.376 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

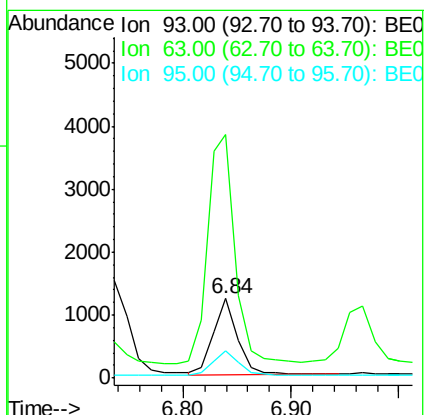
Tgt Ion: 93 Resp: 1873

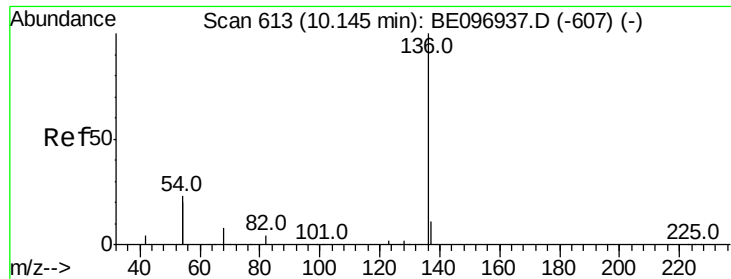
Ion Ratio Lower Upper

93 100

63 339.9 275.3 412.9

95 33.4 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6344

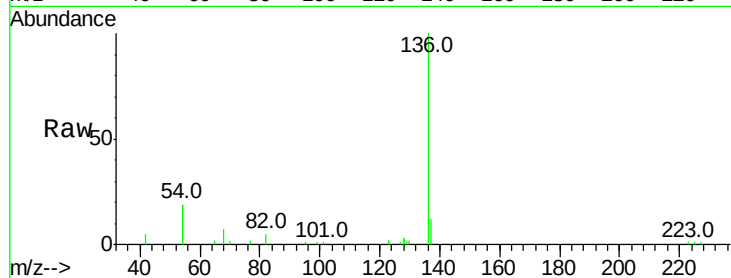
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 38.9 29.1 43.7

68 7.5 6.2 9.2

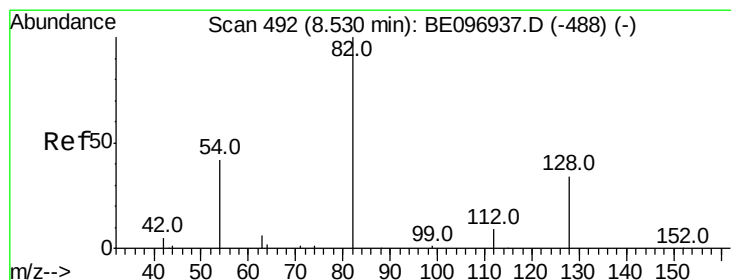
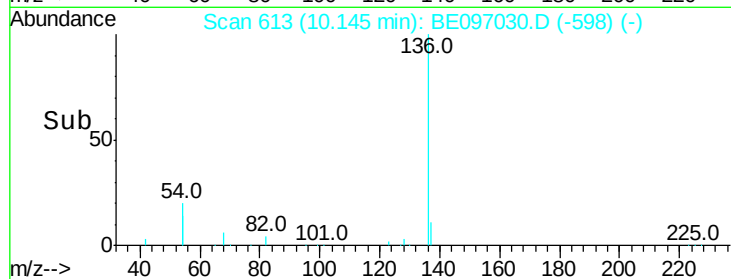
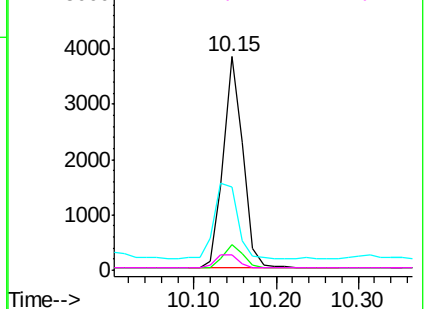


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 8.52 min Scan# 491

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

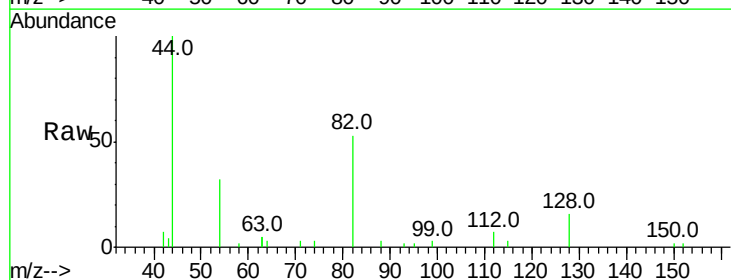
Tgt Ion: 82 Resp: 1897

Ion Ratio Lower Upper

82 100

128 31.1 24.0 36.0

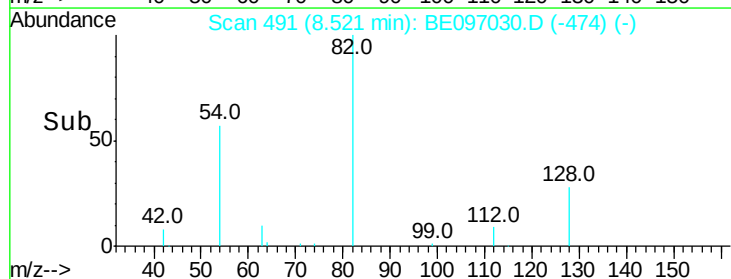
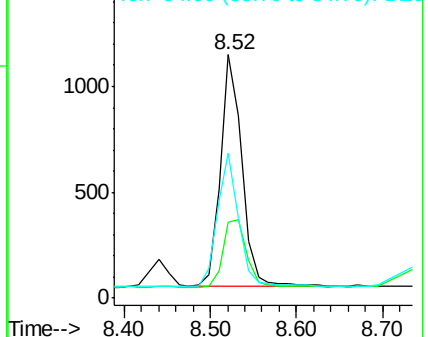
54 59.7 40.0 60.0

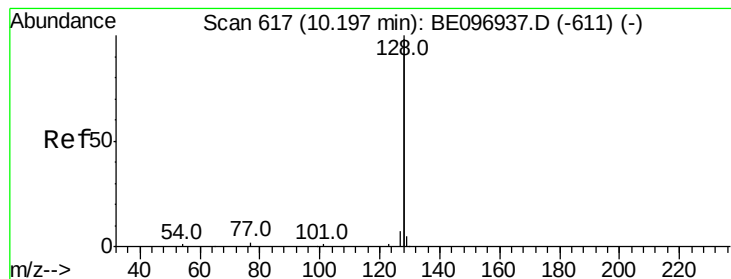


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.395 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

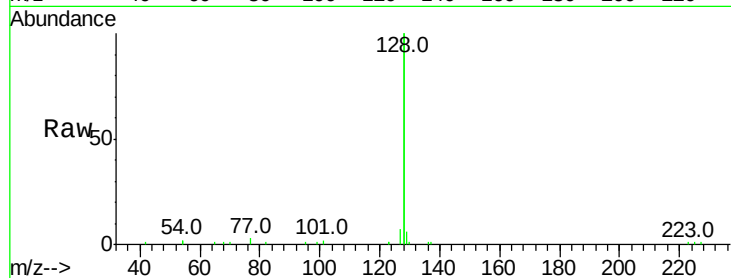
Tot Ion:128 Resp: 22428

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

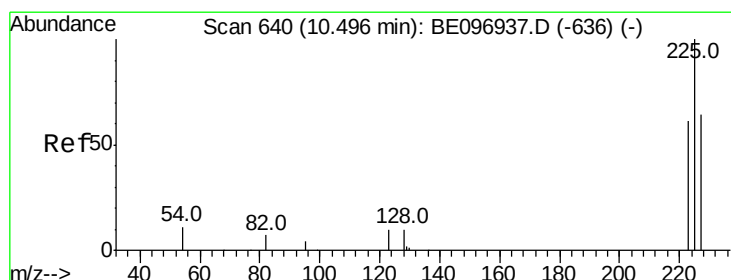
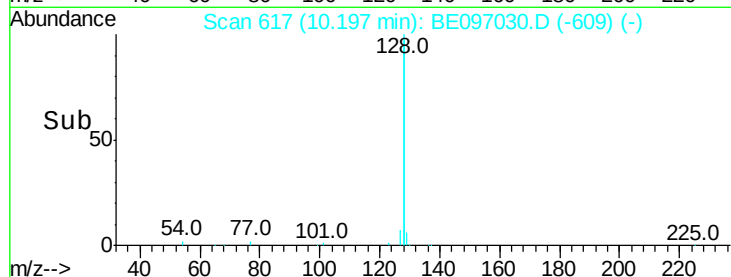
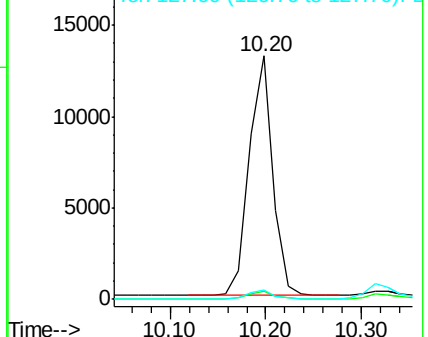
127 3.6 2.8 4.2



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: 0.471 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.01 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

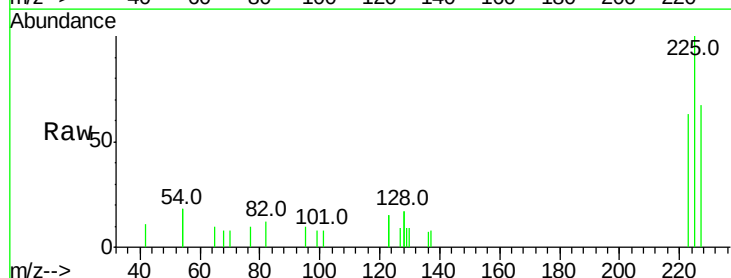
Tgt Ion:225 Resp: 1081

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.6

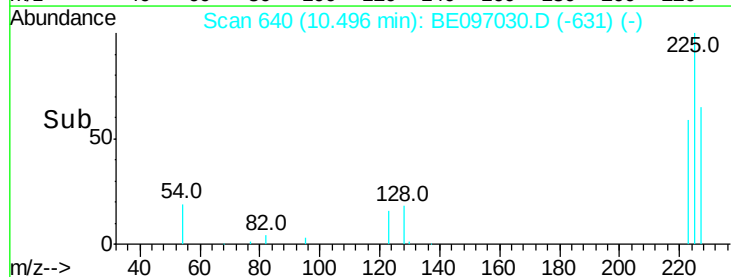
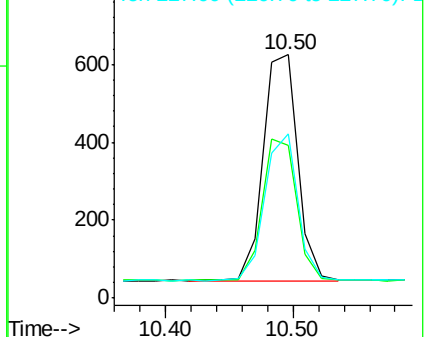
227 62.7 51.4 77.2

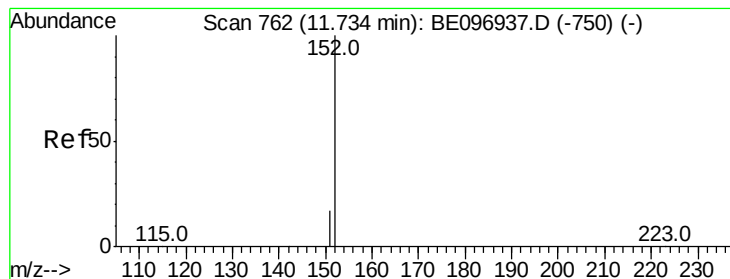


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

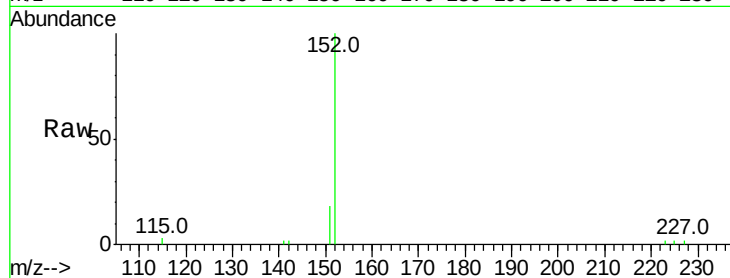
ClientSampled :

Tot Ion:152 Resp: 3491

Ion Ratio Lower Upper

152 100

151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

2500

2000

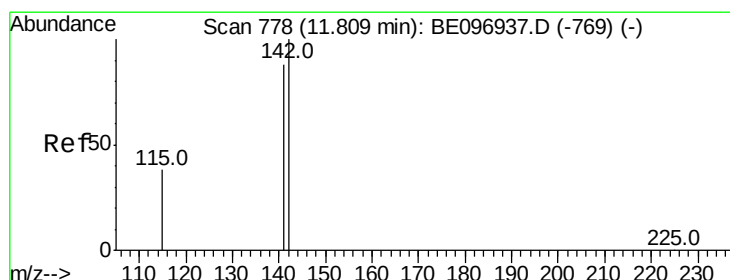
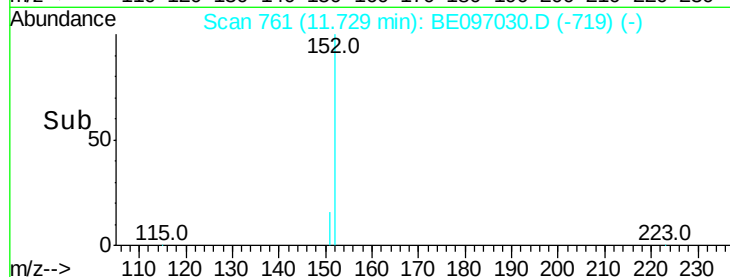
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.375 ng

RT: 11.80 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

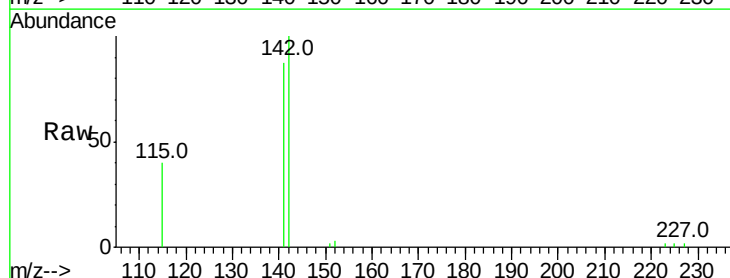
Tgt Ion:142 Resp: 3613

Ion Ratio Lower Upper

142 100

141 86.9 70.4 105.6

115 40.4 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

11.80

3000

2500

2000

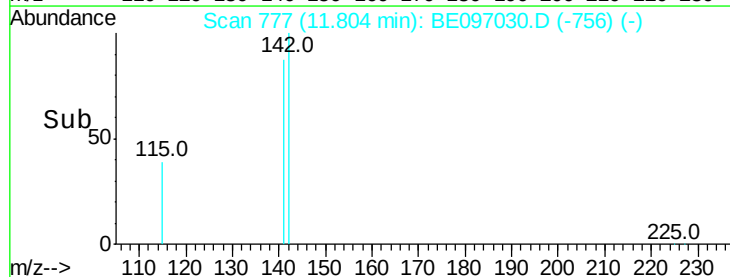
1500

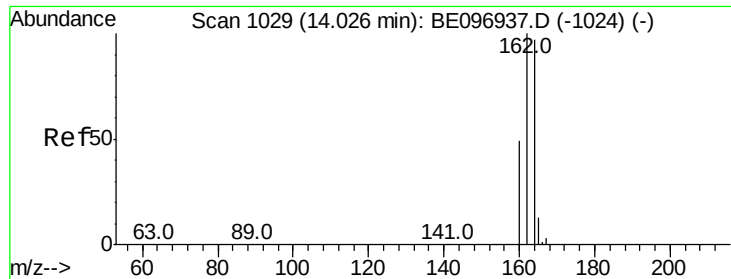
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

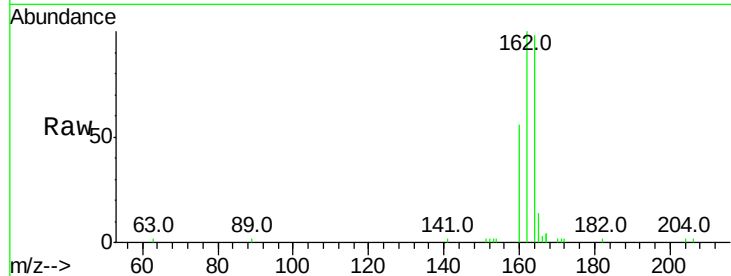
Tot Ion:164 Resp: 3594

Ion Ratio Lower Upper

164 100

162 102.0 83.1 124.7

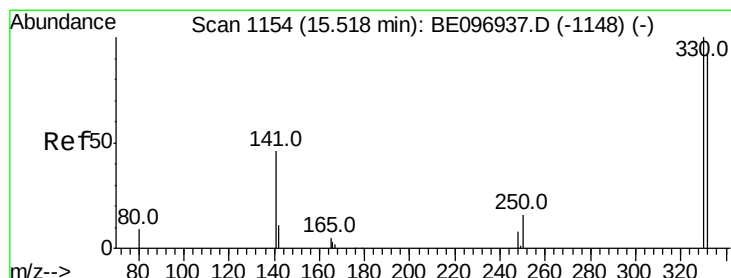
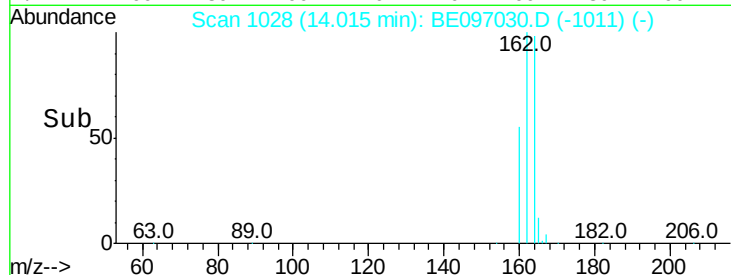
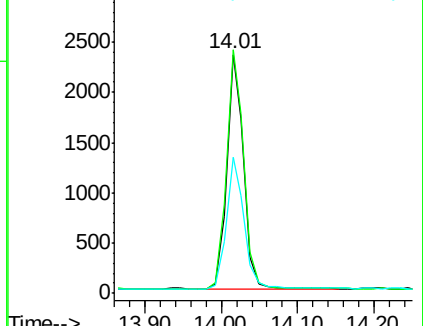
160 56.8 37.1 55.7#



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: 0.385 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

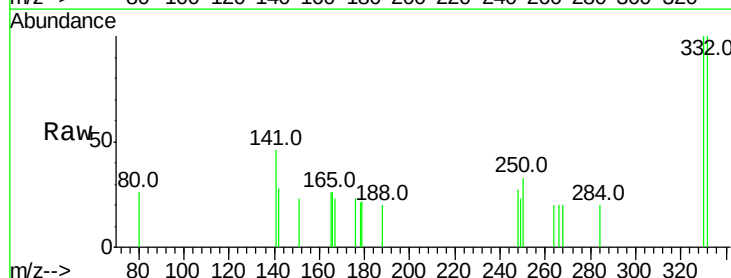
Tgt Ion:330 Resp: 298

Ion Ratio Lower Upper

330 100

332 99.7 152.7 229.1#

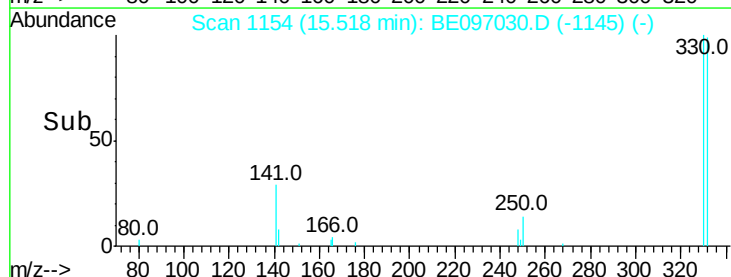
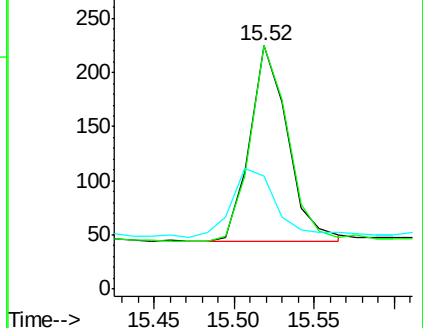
141 38.6 33.7 50.5

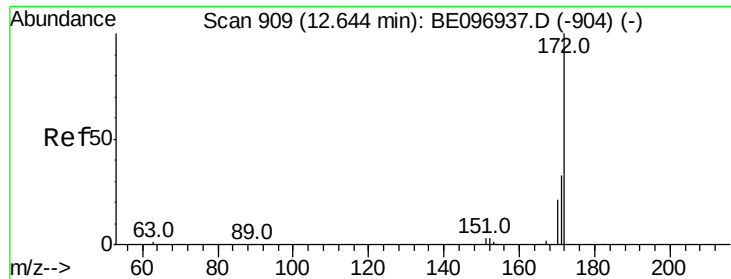


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

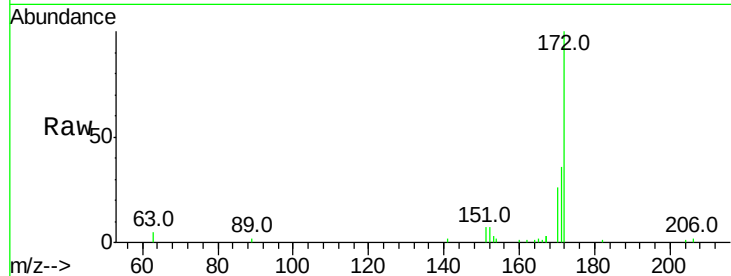




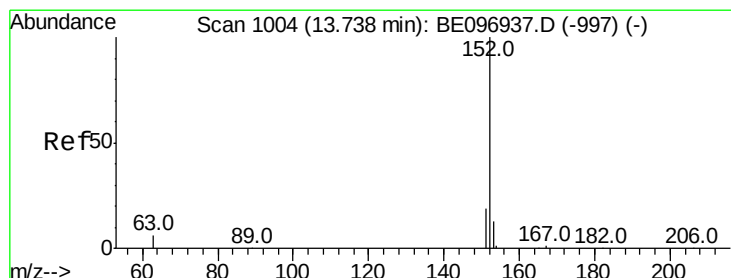
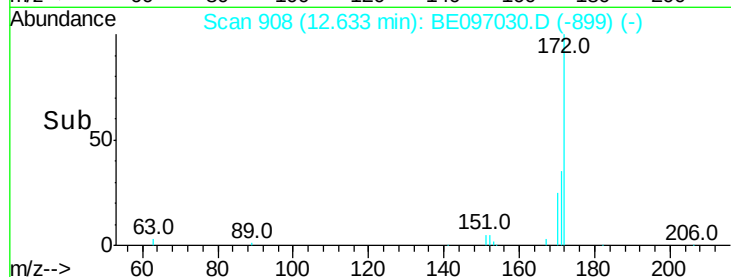
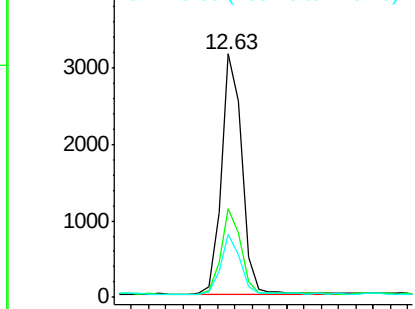
#15
 2-Fluorobiphenyl
 Concen: 0.385 ng
 RT: 12.63 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 5141
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.9 44.9
 170 25.9 21.8 32.8

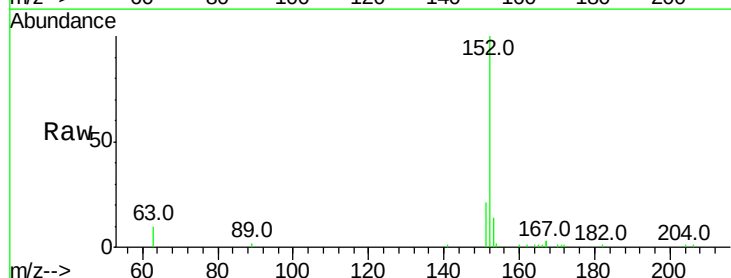


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

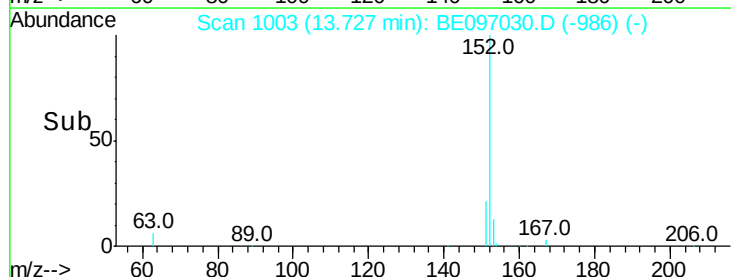
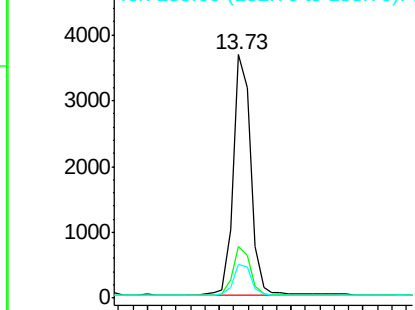


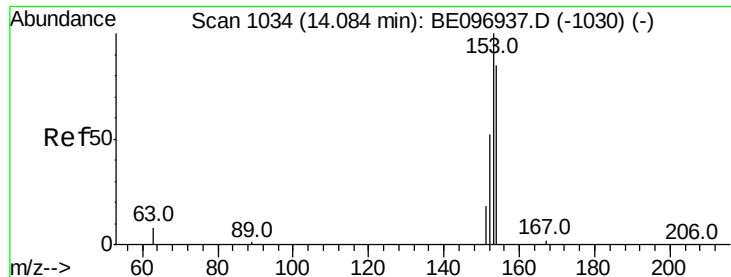
#16
 Acenaphthylene
 Concen: 0.377 ng
 RT: 13.73 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

Tgt Ion:152 Resp: 6189
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.7 23.5
 153 12.8 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

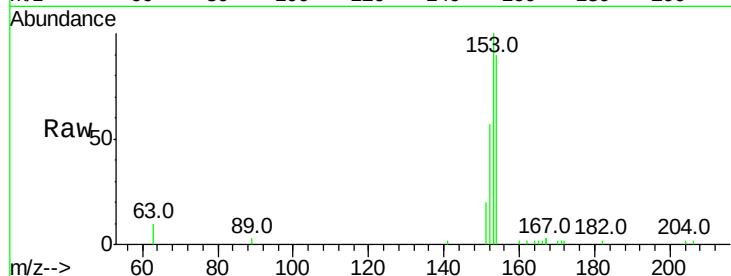




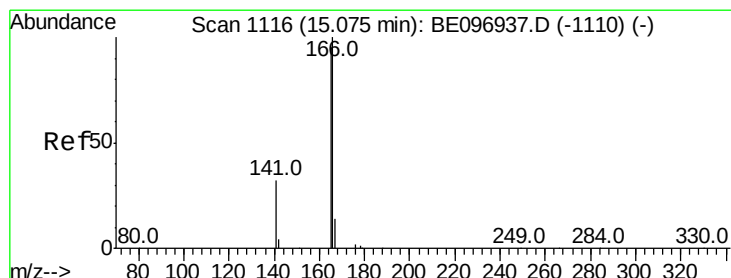
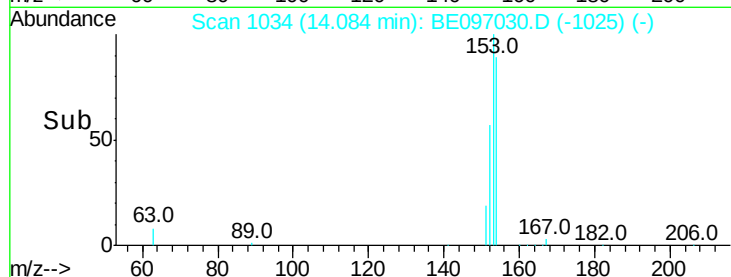
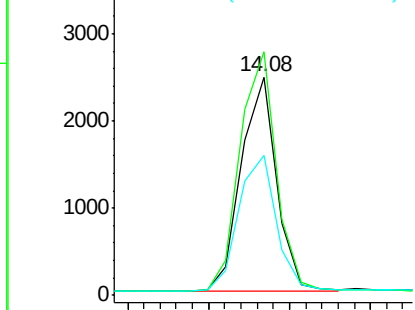
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 3707
Ion Ratio Lower Upper
154 100
153 115.0 89.2 133.8
152 67.9 42.0 63.0#

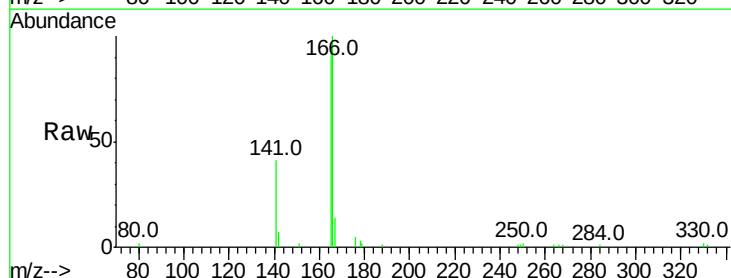


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

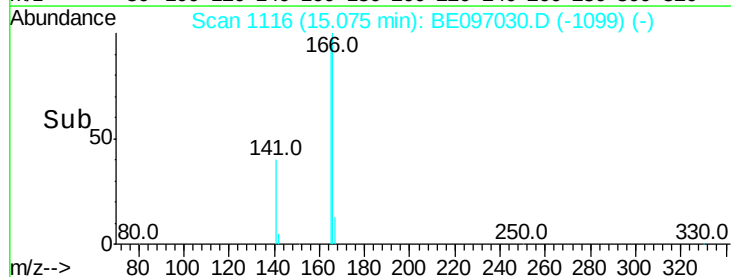
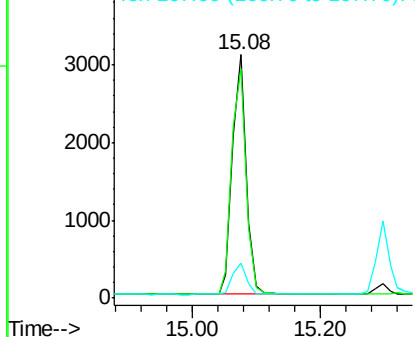


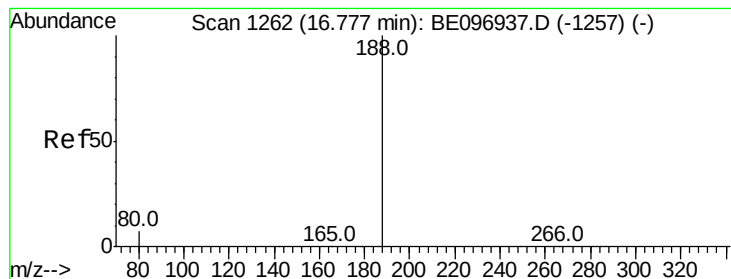
#18
Fluorene
Concen: 0.398 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Tgt Ion:166 Resp: 4562
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.6
167 13.5 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: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

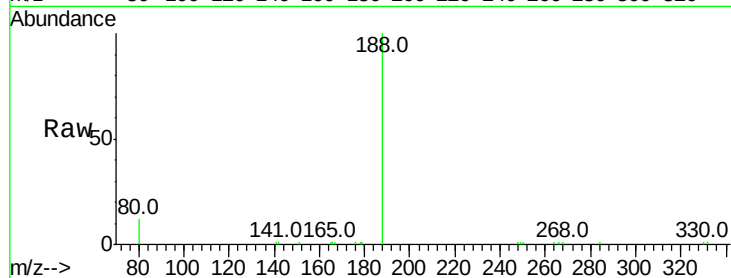
Tot Ion:188 Resp: 10428

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

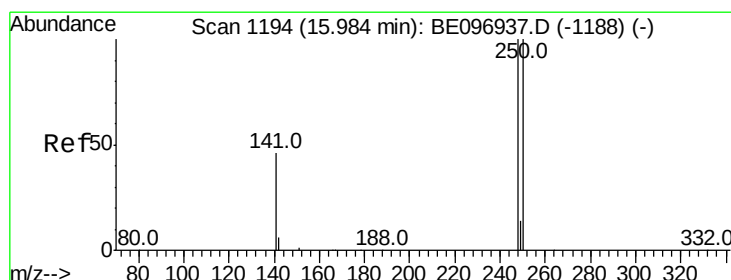
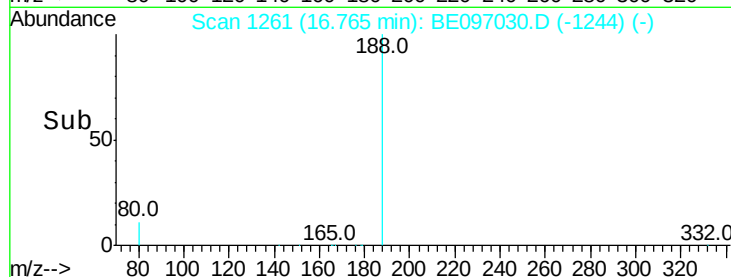
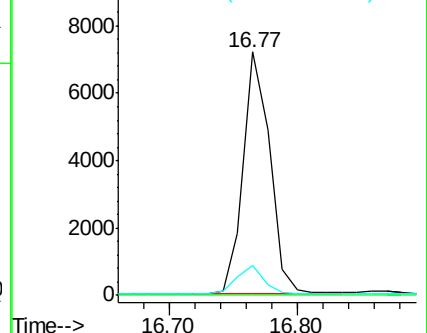
80 12.2 3.6 5.4#



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: 0.378 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

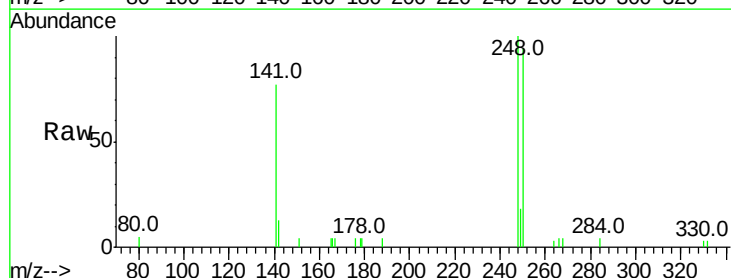
Tgt Ion:248 Resp: 1866

Ion Ratio Lower Upper

248 100

250 93.6 62.7 94.1

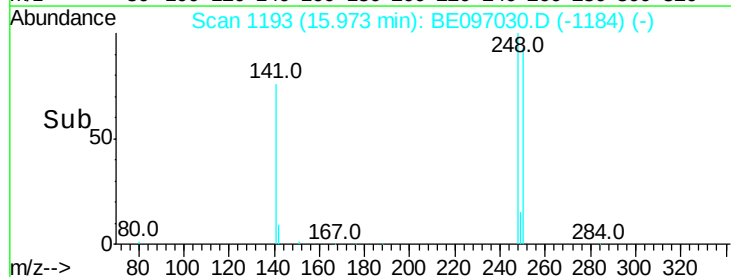
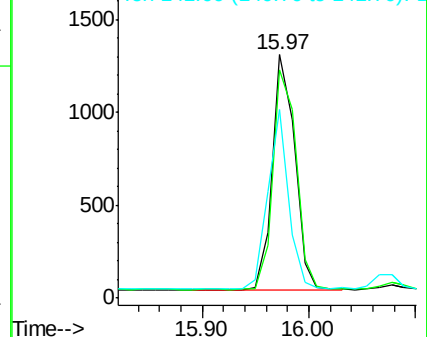
141 77.4 48.2 72.2#

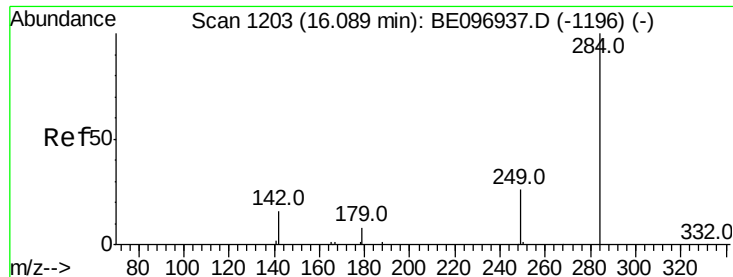


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.388 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097030.D

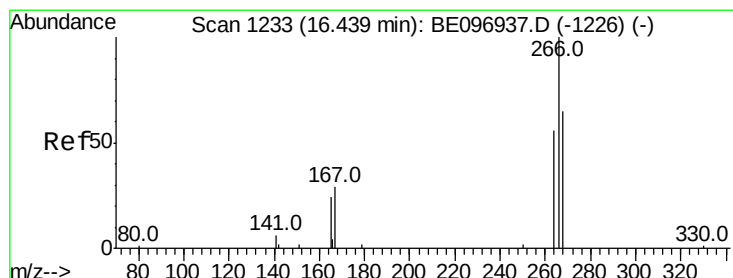
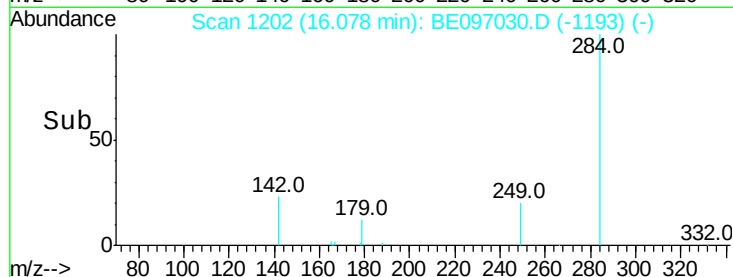
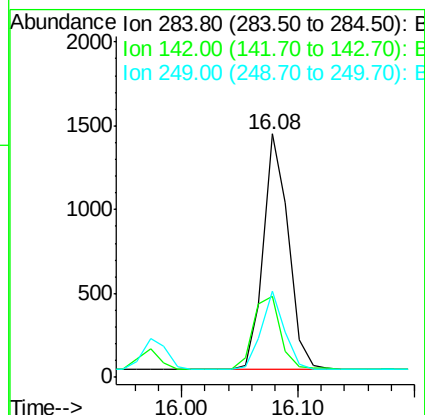
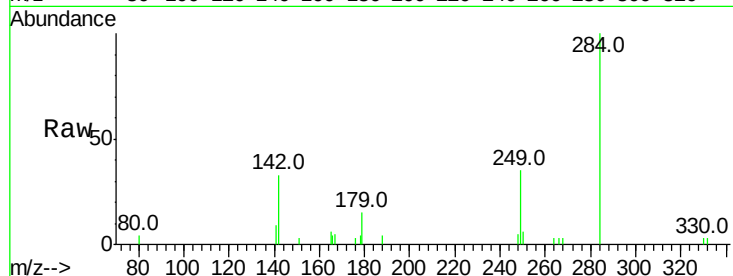
Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:284	Resp:	2123
Ion Ratio	Lower	Upper
284	100	
142	34.0	22.1 33.1#
249	30.4	34.8 52.2#



#22

Pentachlorophenol

Concen: 0.591 ng

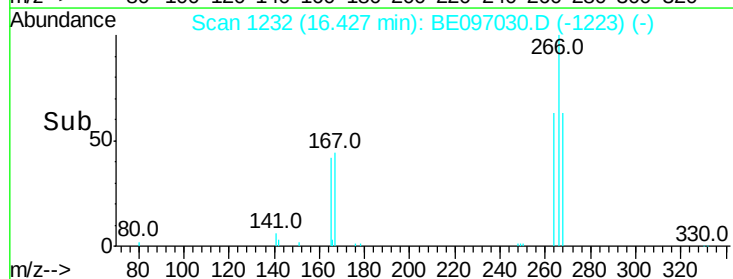
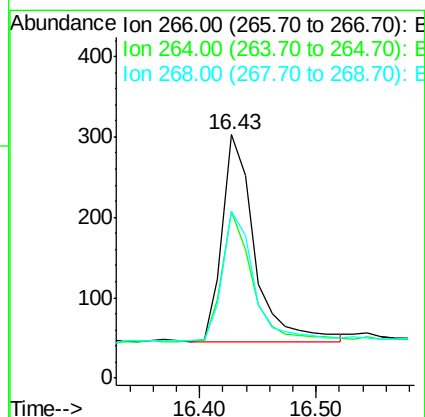
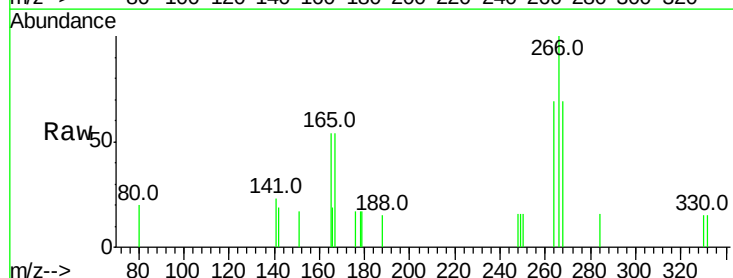
RT: 16.43 min Scan# 1232

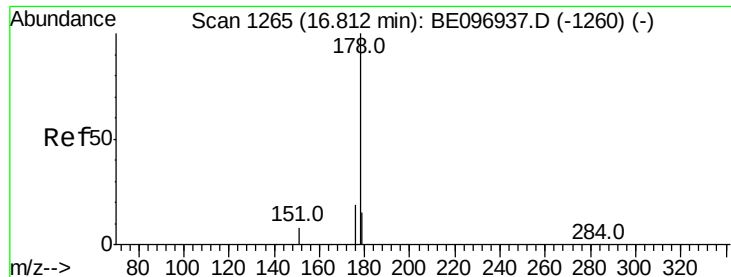
Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Tgt Ion:266	Resp:	502
Ion Ratio	Lower	Upper
266	100	
264	68.6	72.5 108.7#
268	68.6	73.8 110.6#





#23

Phenanthrene

Concen: 0.384 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

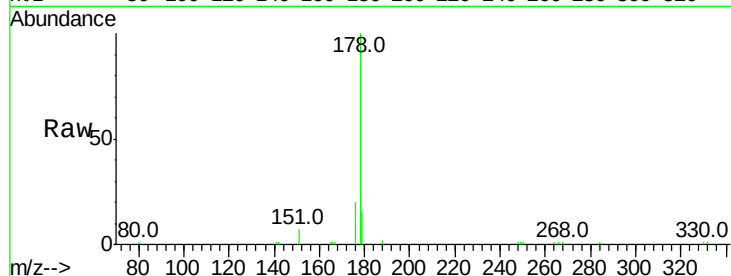
Tot Ion:178 Resp: 9595

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

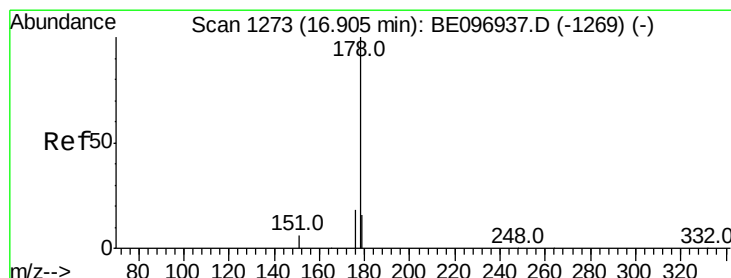
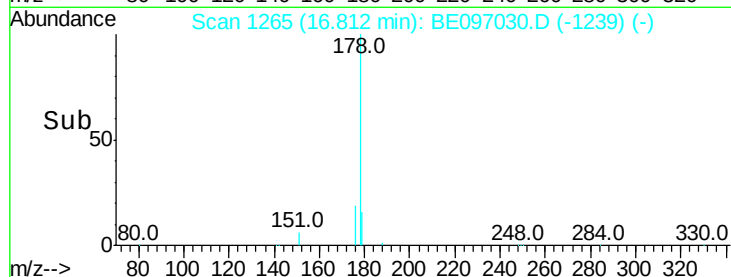
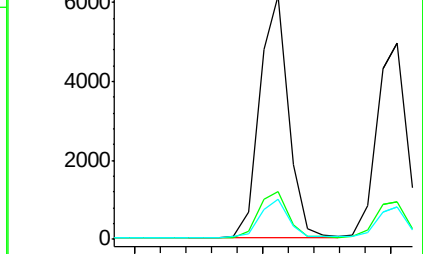
179 15.4 11.8 17.6



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: 0.372 ng

RT: 16.91 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

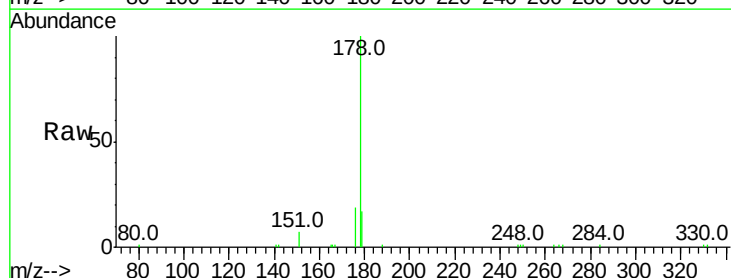
Tgt Ion:178 Resp: 8078

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

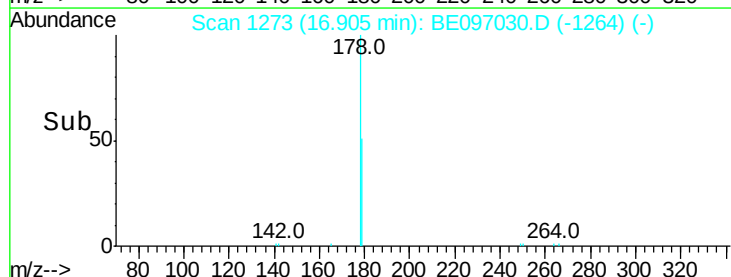
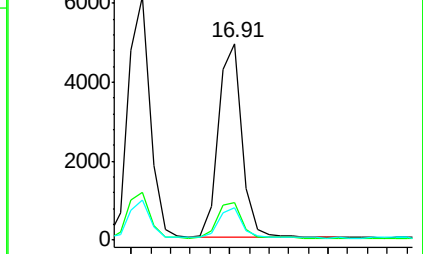
179 15.4 13.0 19.6

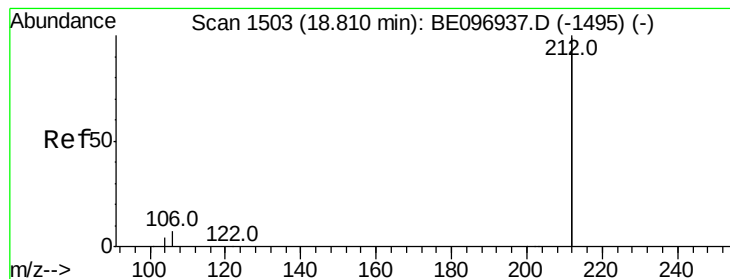


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

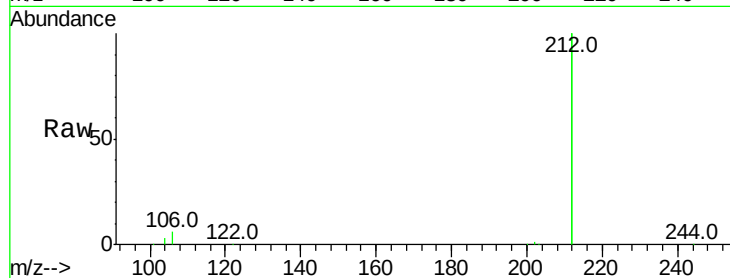
Tot Ion:212 Resp: 39467

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

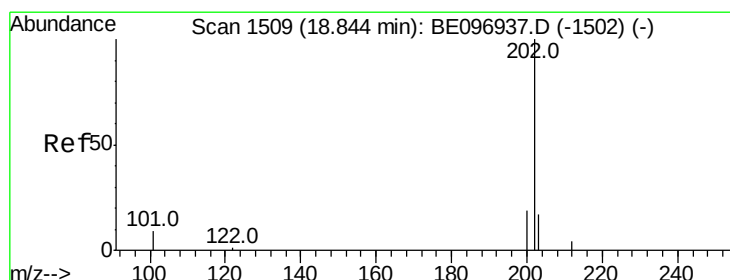
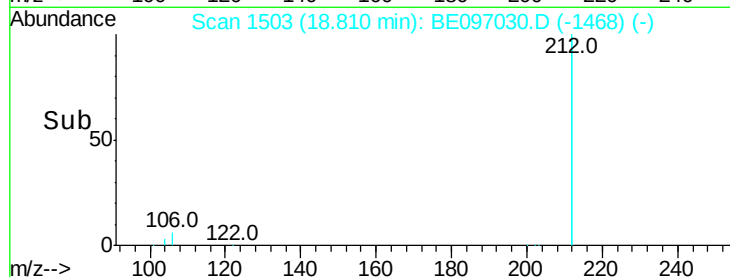
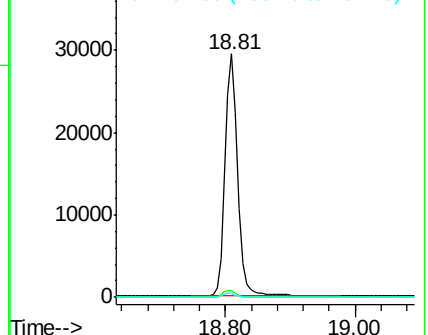
104 1.6 1.6 2.4



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: 0.411 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

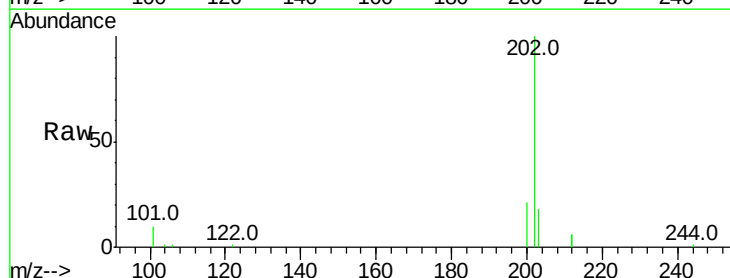
Tgt Ion:202 Resp: 10825

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

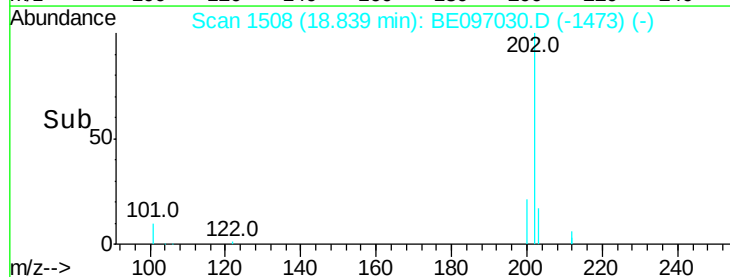
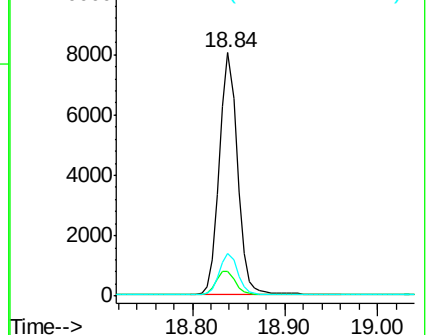
203 17.2 13.7 20.5

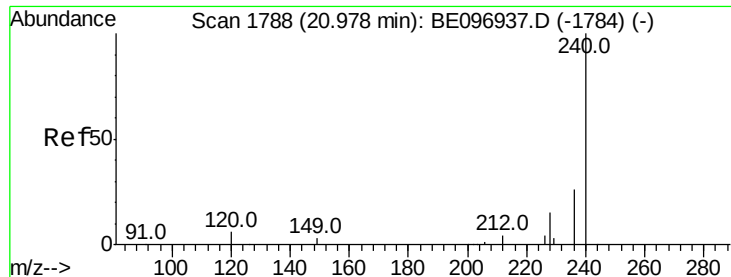


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1788

Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

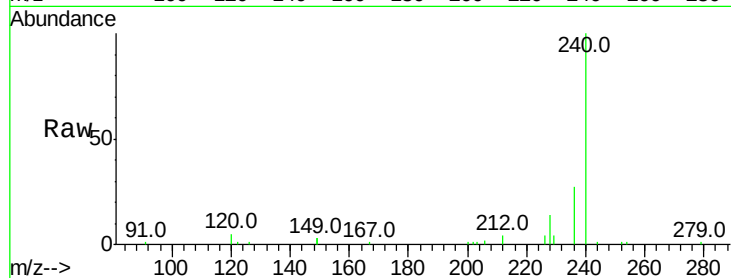
Tot Ion:240 Resp: 9906

Ion Ratio Lower Upper

240 100

120 4.5 5.5 8.3#

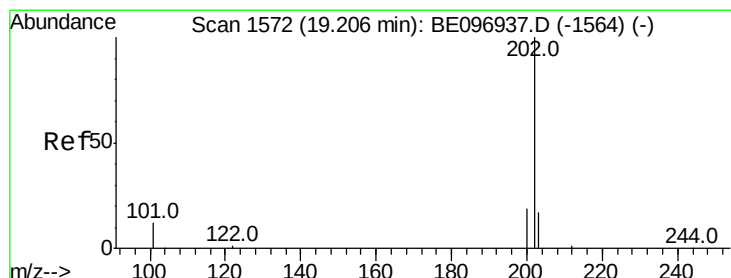
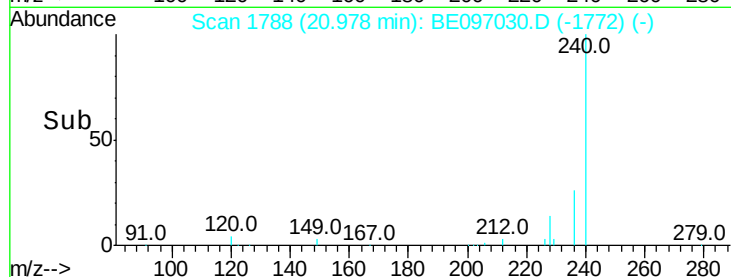
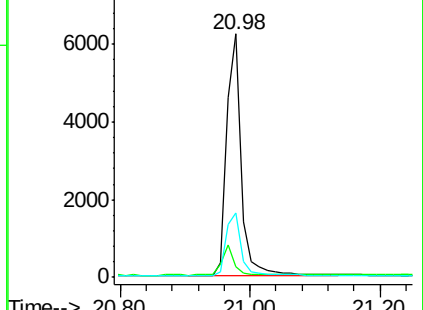
236 26.6 20.7 31.1



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: 0.363 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

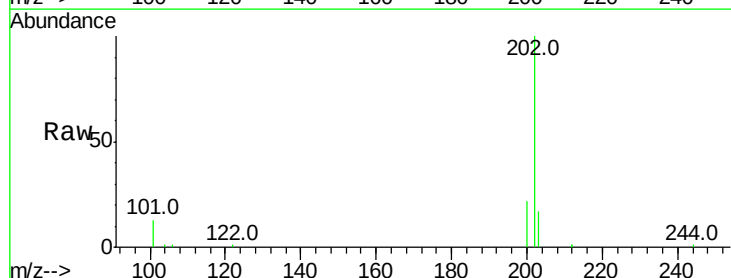
Tgt Ion:202 Resp: 10616

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

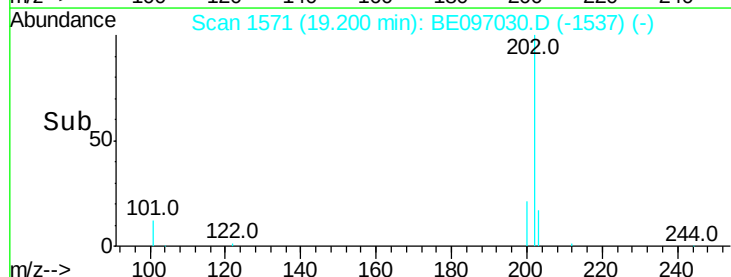
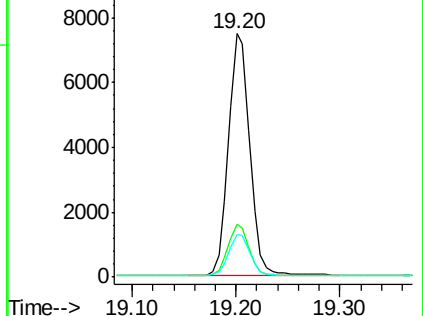
203 17.5 13.8 20.8

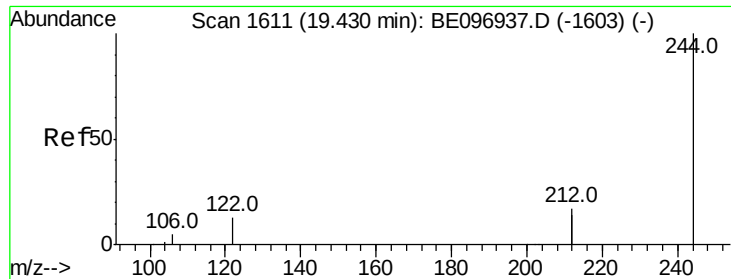


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

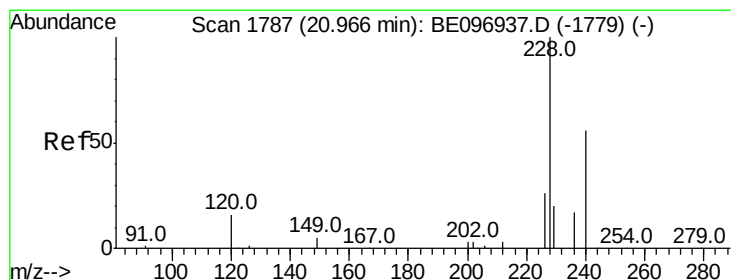
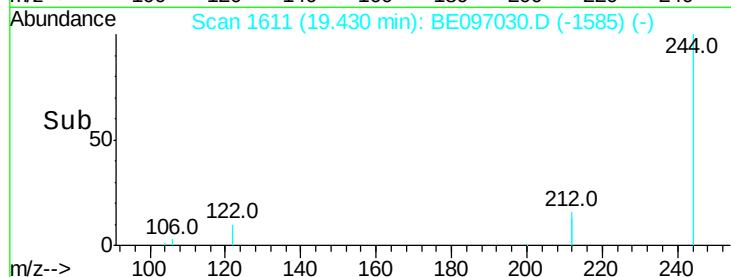
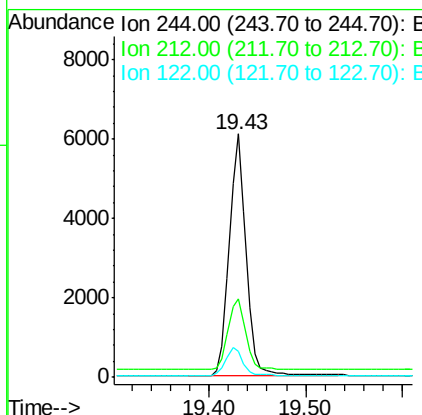
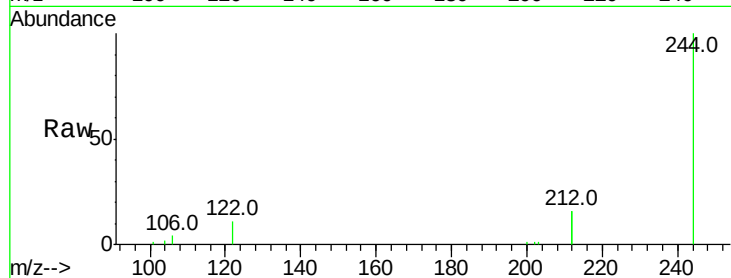




#29
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

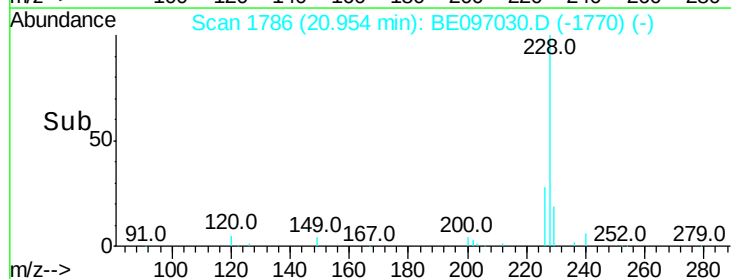
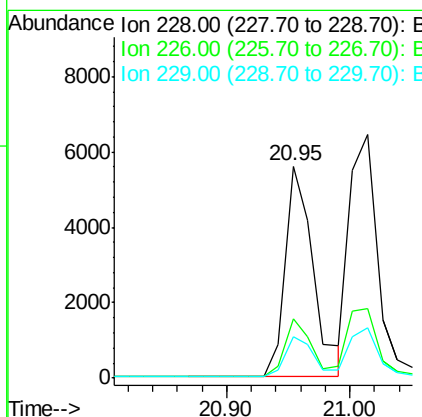
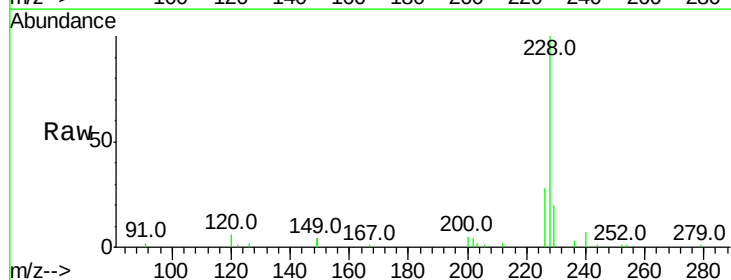
Instrument :
 BNA_E
 ClientSampleId :

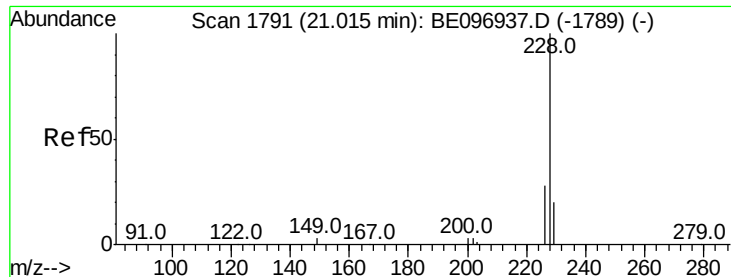
Tot Ion:244 Resp: 7391
 Ion Ratio Lower Upper
 244 100
 212 32.5 25.4 38.0
 122 10.7 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.377 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

Tgt Ion:228 Resp: 8897
 Ion Ratio Lower Upper
 228 100
 226 28.3 24.0 36.0
 229 19.5 16.0 24.0





#31

Chrysene

Concen: 0.382 ng

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

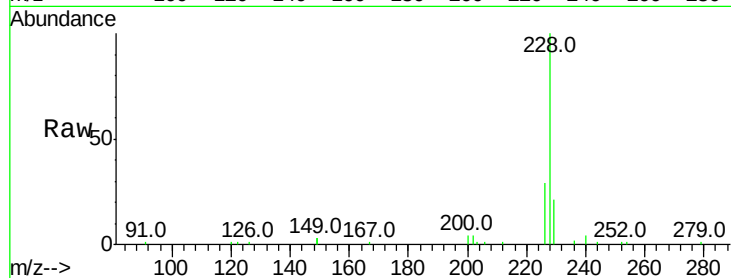
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 10112

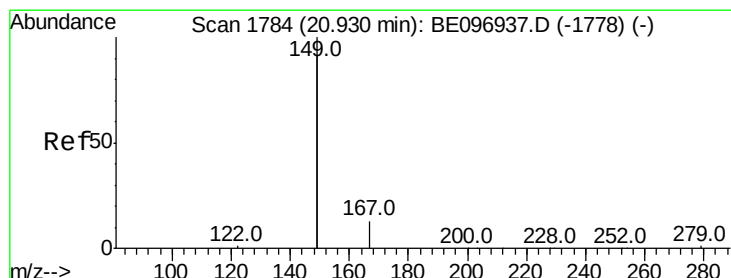
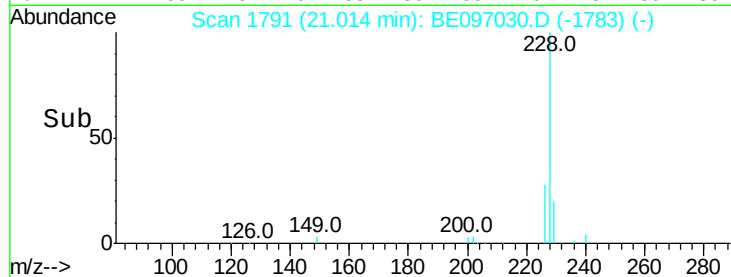
Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	20.5	16.0	24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.266 ng

RT: 20.93 min Scan# 1784

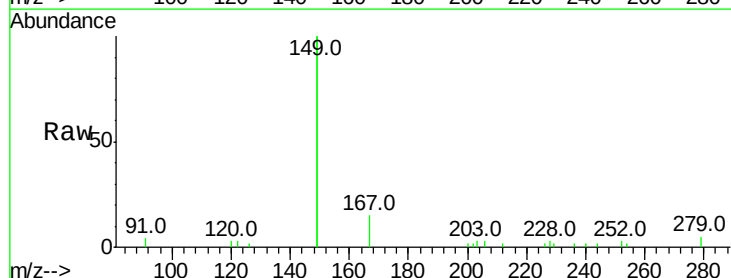
Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Tgt Ion:149 Resp: 6269

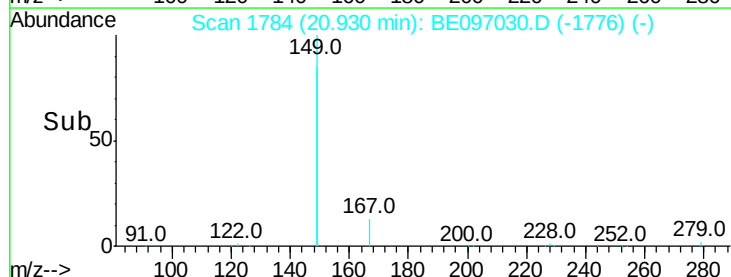
Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	1.1	0.7	1.1#

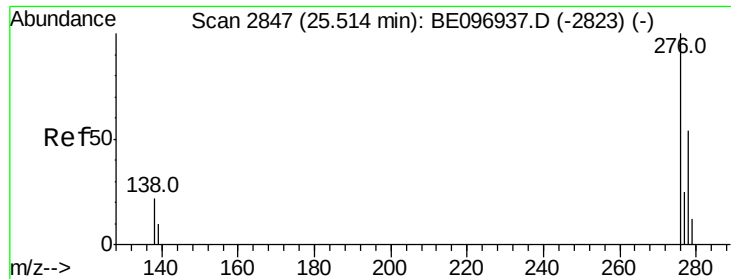


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

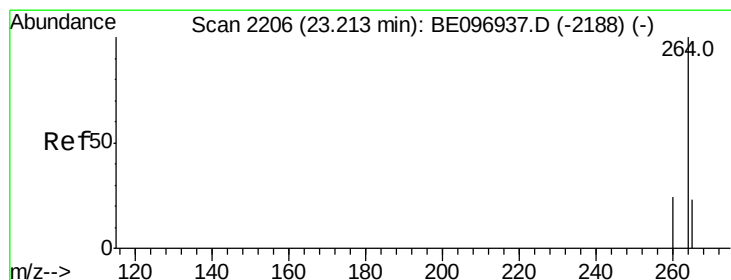
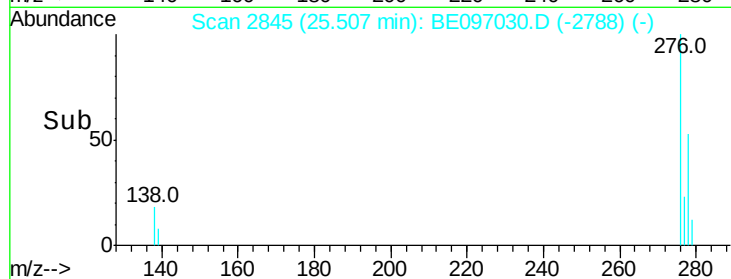
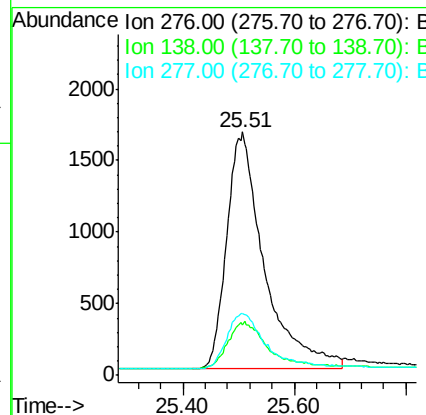
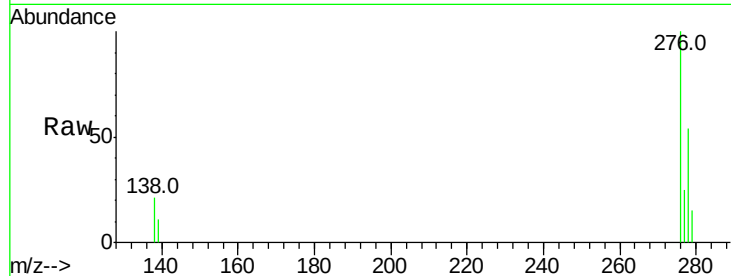




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.402 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

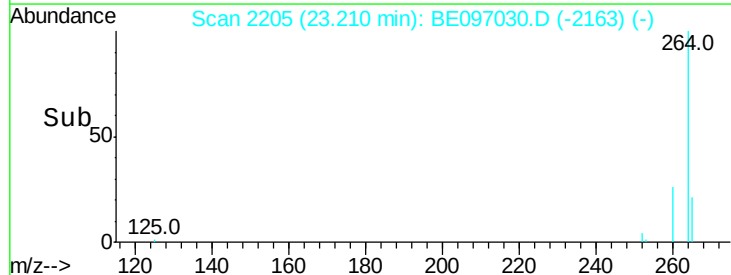
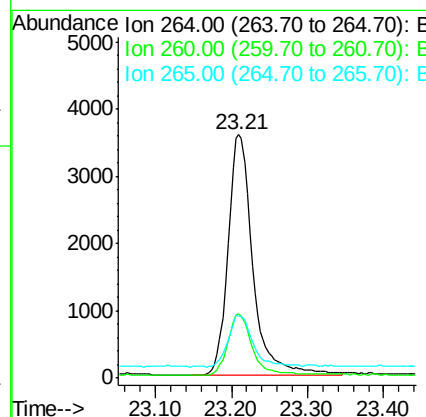
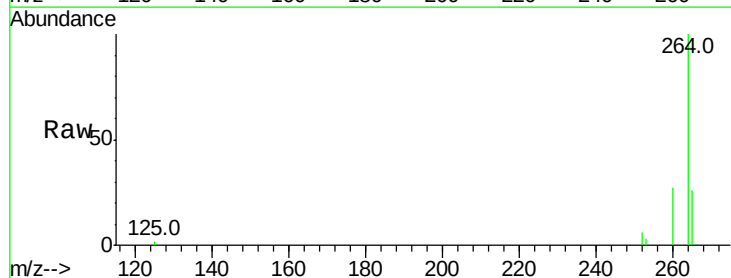
Instrument :
 BNA_E
 ClientSampleId :

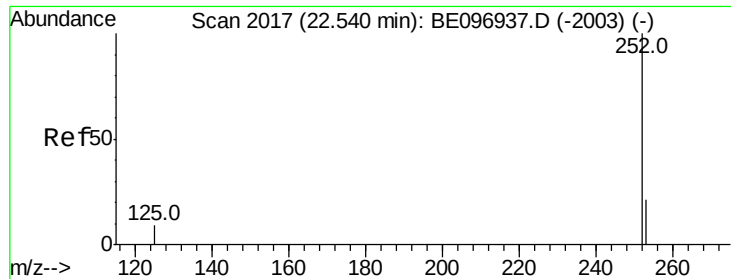
Tot Ion:276 Resp: 7742
 Ion Ratio Lower Upper
 276 100
 138 20.3 22.5 33.7#
 277 24.6 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

Tgt Ion:264 Resp: 8076
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.5 30.7
 265 25.5 22.8 34.2

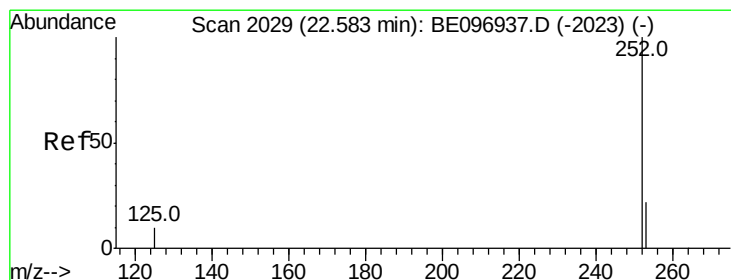
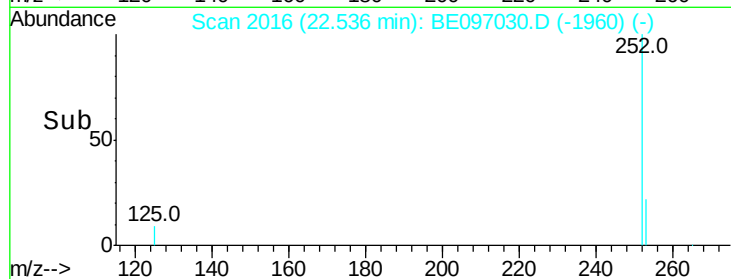
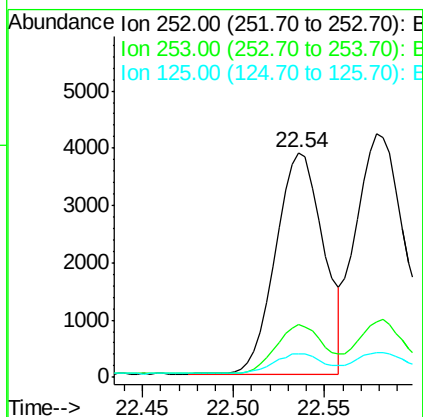
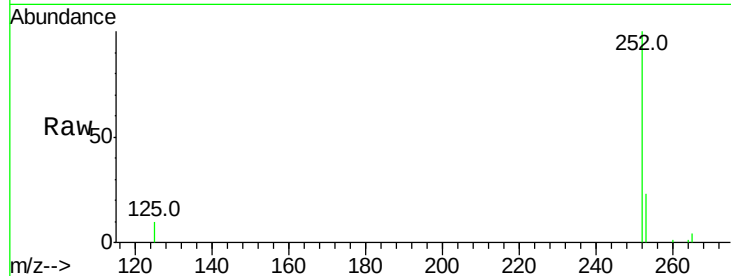




#35
Benzo(b)fluoranthene
Concen: 0.341 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

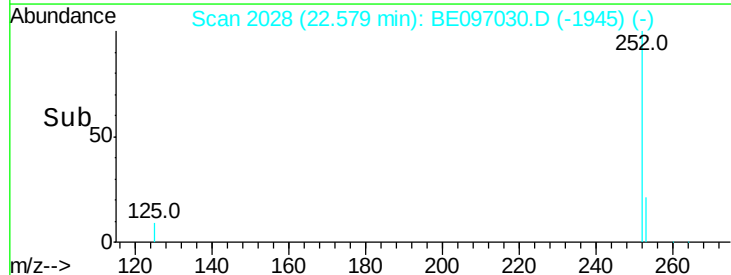
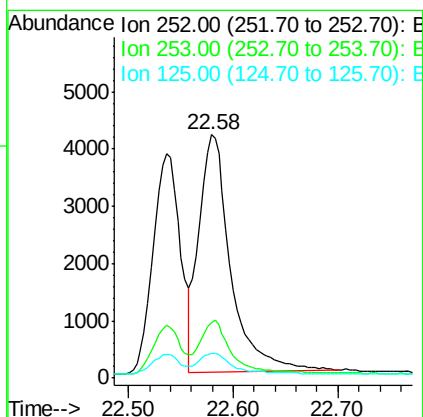
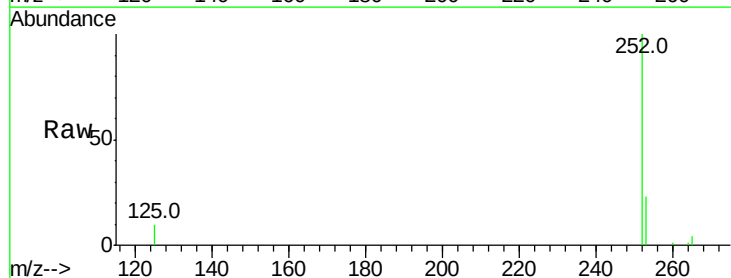
Instrument :
BNA_E
ClientSampleId :

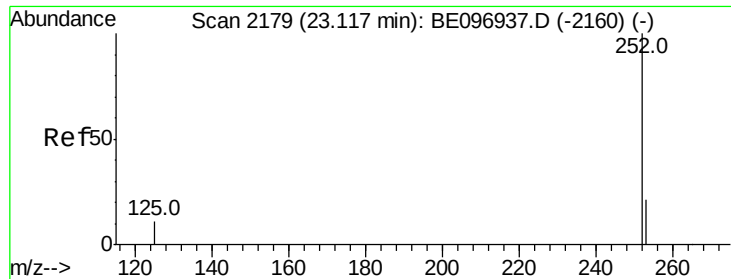
Tot Ion:252 Resp: 7018
Ion Ratio Lower Upper
252 100
253 23.2 20.0 30.0
125 10.5 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 22.58 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Tgt Ion:252 Resp: 8771
Ion Ratio Lower Upper
252 100
253 22.6 16.0 24.0
125 10.3 8.0 12.0

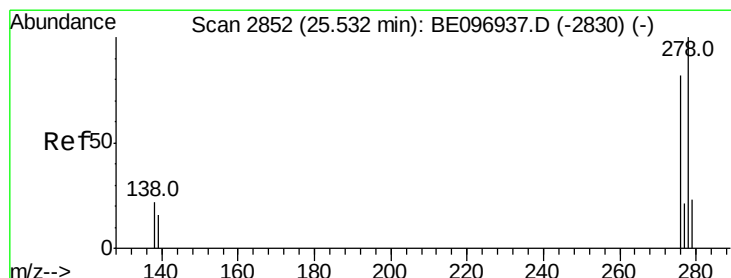
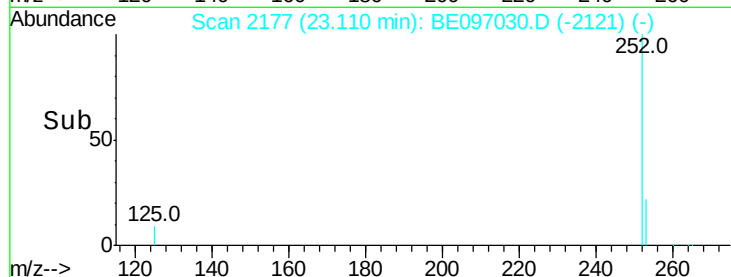
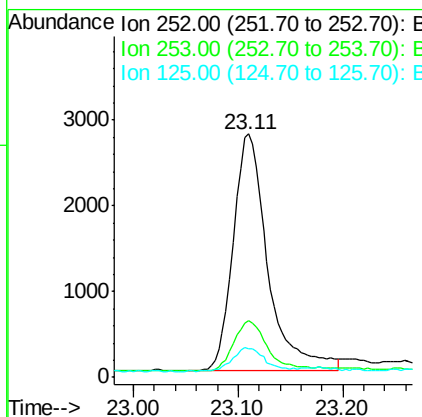
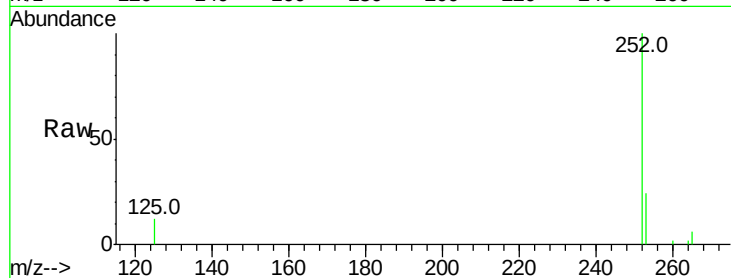




#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.11 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

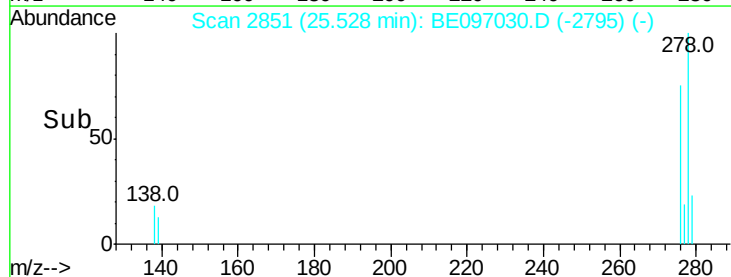
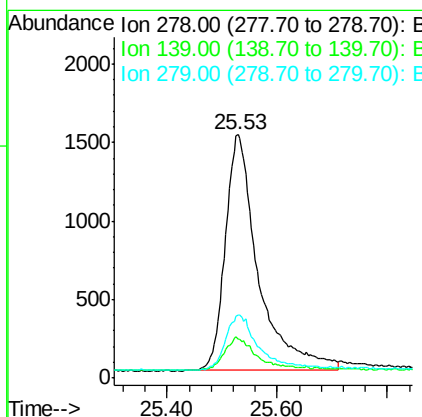
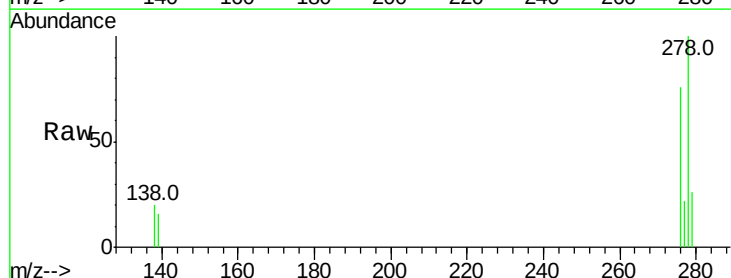
Instrument :
BNA_E
ClientSampleId :

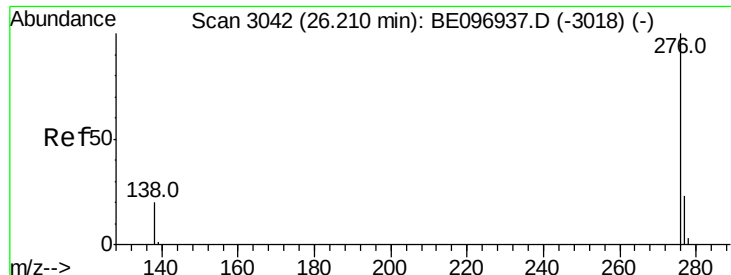
Tot Ion:252 Resp: 6362
Ion Ratio Lower Upper
252 100
253 23.5 16.0 24.0
125 11.6 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.431 ng
RT: 25.53 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Tgt Ion:278 Resp: 6310
Ion Ratio Lower Upper
278 100
139 15.7 16.0 24.0#
279 25.9 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.422 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

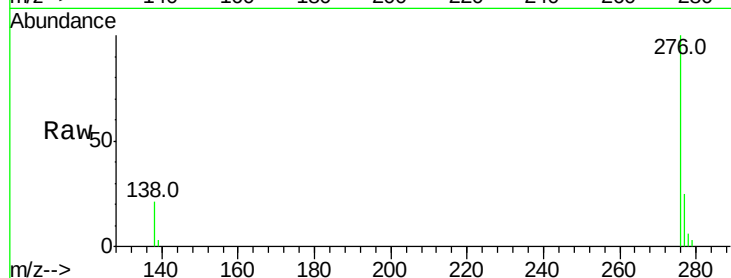
Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :



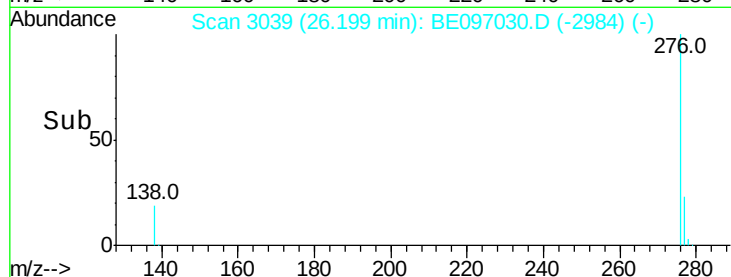
Tot Ion:276 Resp: 7071

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 21.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

