

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE071918\
 Data File : BE097014.D
 Acq On : 19 Jul 2018 20:48
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 20 04:33:44 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	7.39	152	1466	0.40	ng	-0.01
7) Naphthalene-d8	10.15	136	7250	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4442	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	12592	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	12583	0.40	ng	0.00
34) Perylene-d12	23.21	264	11885	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1495	0.43	ng	0.00
5) Phenol-d6	6.60	99	2146	0.40	ng	0.00
8) Nitrobenzene-d5	8.53	82	2256	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3926	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	485	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5815	0.35	ng	-0.01
25) Fluoranthene-d10	18.81	212	47343	0.43	ng	0.00
29) Terphenyl-d14	19.43	244	9002	0.37	ng	0.00

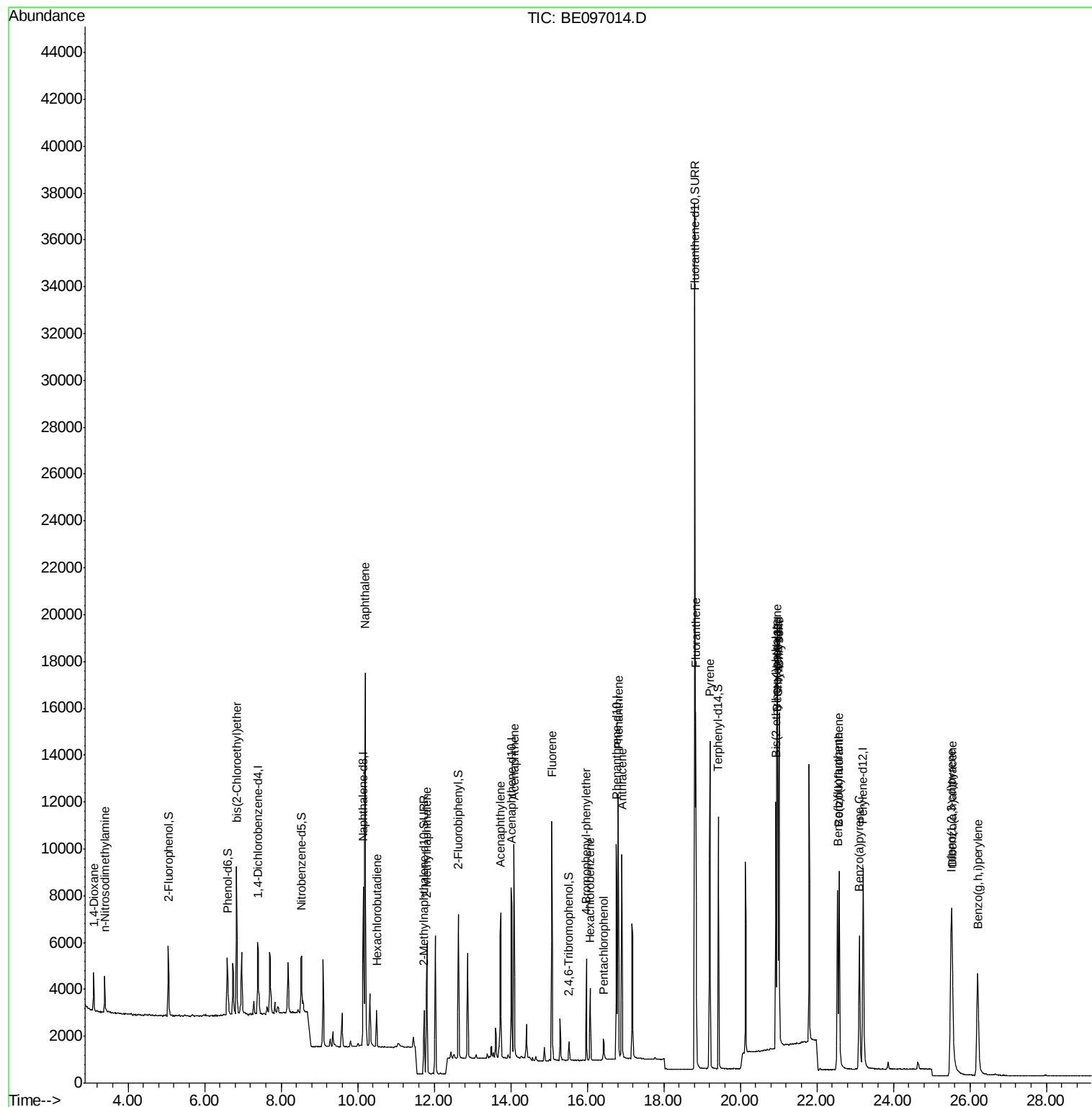
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	851	0.406	ng	# 84
3) n-Nitrosodimethylamine	3.38	42	1024	0.434	ng	87
6) bis(2-Chloroethyl)ether	6.84	93	2015	0.384	ng	98
9) Naphthalene	10.20	128	24400	0.376	ng	100
10) Hexachlorobutadiene	10.50	225	1120	0.427	ng	97
12) 2-Methylnaphthalene	11.80	142	4145	0.377	ng	99
16) Acenaphthylene	13.74	152	7447	0.367	ng	100
17) Acenaphthene	14.08	154	4468	0.354	ng	# 93
18) Fluorene	15.08	166	5767	0.407	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	2258	0.379	ng	# 82
21) Hexachlorobenzene	16.08	284	2476	0.374	ng	# 82
22) Pentachlorophenol	16.43	266	552	0.549	ng	# 76
23) Phenanthrene	16.81	178	11322	0.375	ng	99
24) Anthracene	16.90	178	9883	0.377	ng	95
26) Fluoranthene	18.84	202	13018	0.409	ng	98
28) Pyrene	19.21	202	13019	0.351	ng	99
30) Benzo(a)anthracene	20.95	228	11628	0.388	ng	98
31) Chrysene	21.01	228	12557	0.374	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	11817	0.395	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	12292	0.502	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	10427	0.344	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	12071	0.335	ng	96
37) Benzo(a)pyrene	23.11	252	9176	0.367	ng	# 93
38) Dibenzo(a,h)anthracene	25.54	278	10482	0.471	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	10744	0.436	ng	# 89

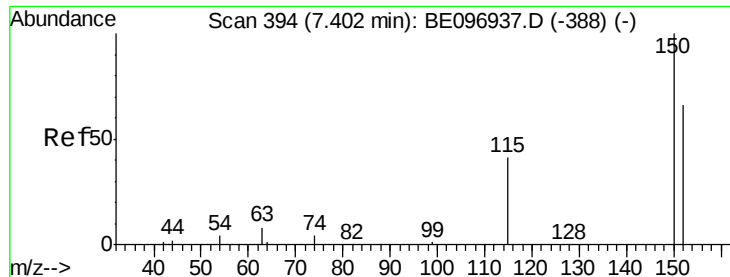
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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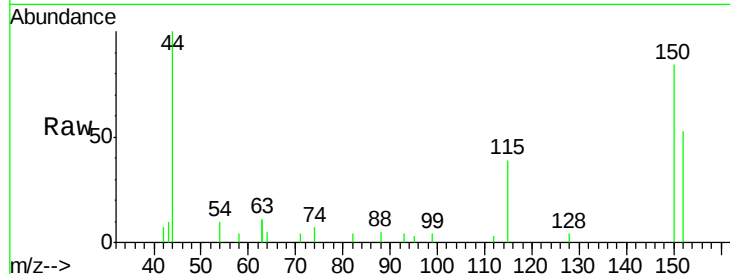


#1

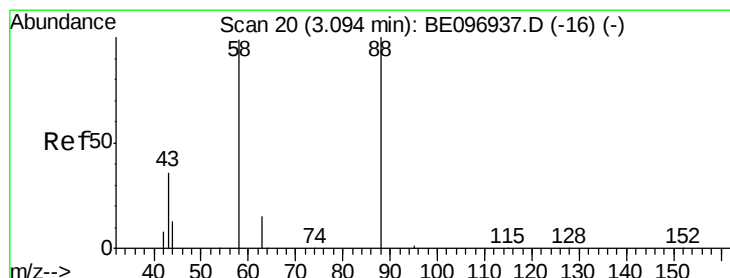
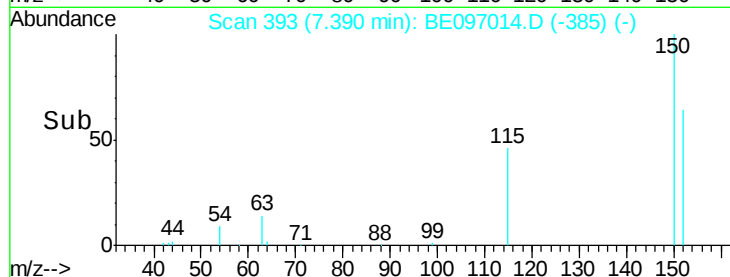
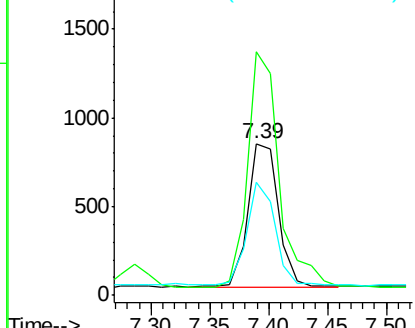
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 1466
Ion Ratio Lower Upper
152 100
150 160.7 117.2 175.8
115 74.2 57.0 85.6



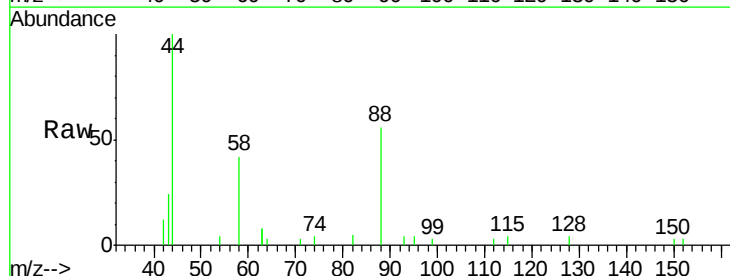
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



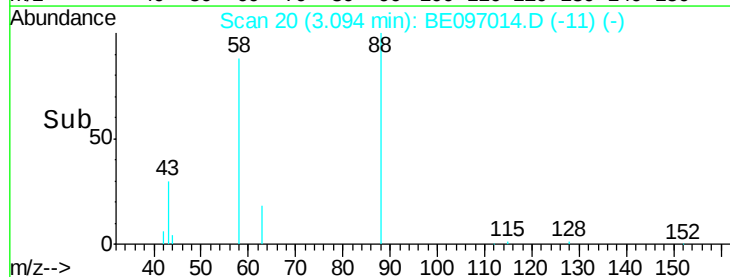
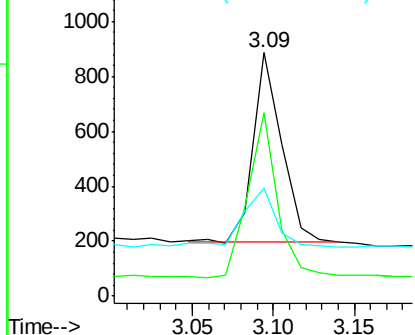
#2

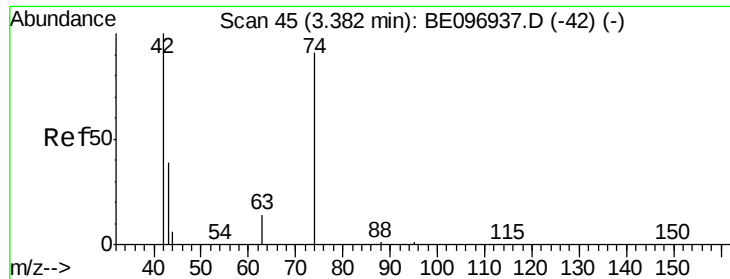
1,4-Dioxane
Concen: 0.406 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion: 88 Resp: 851
Ion Ratio Lower Upper
88 100
58 90.8 63.2 94.8
43 38.2 41.2 61.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.434 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

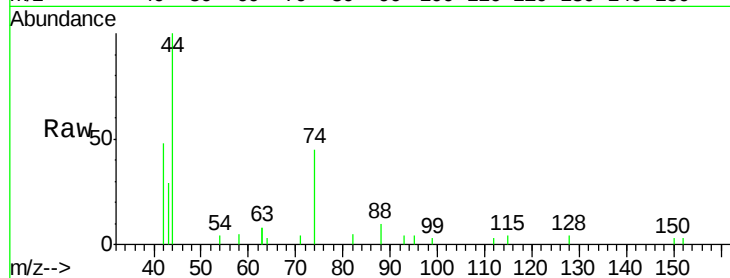
Tgt Ion: 42 Resp: 1024

Ion Ratio Lower Upper

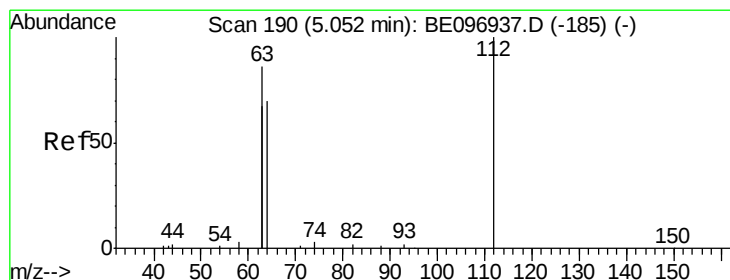
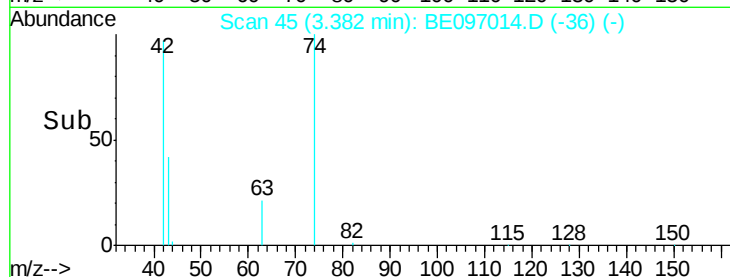
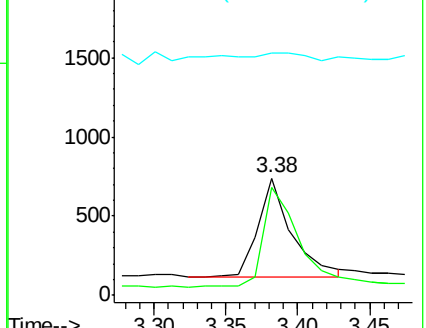
42 100

74 104.2 96.0 144.0

44 14.0 12.0 18.0



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



#4

2-Fluorophenol

Concen: 0.426 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

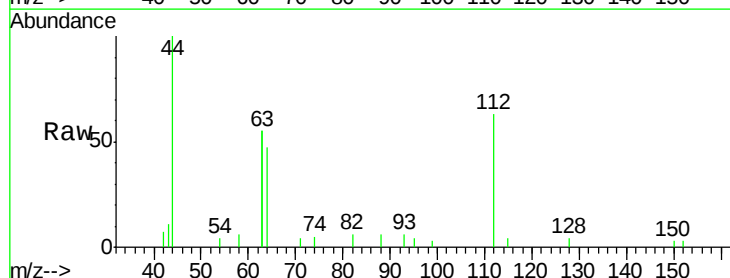
Tgt Ion: 112 Resp: 1495

Ion Ratio Lower Upper

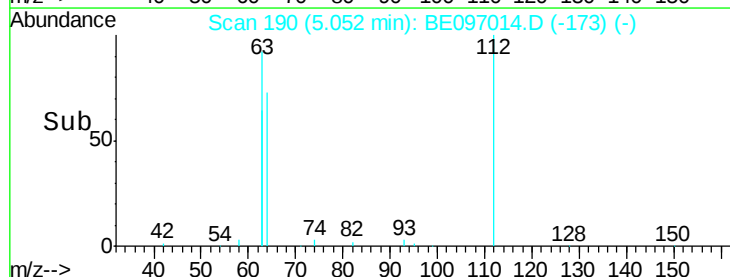
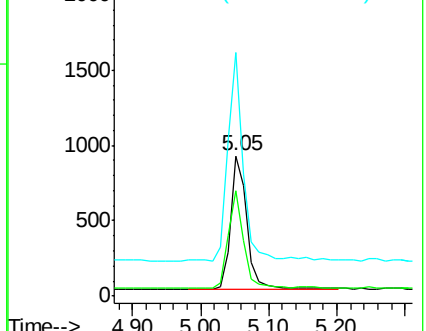
112 100

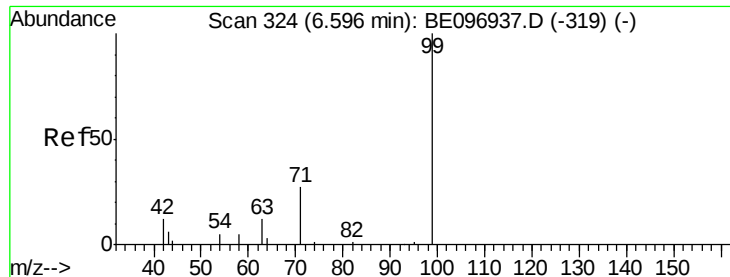
64 68.2 60.1 90.1

63 146.5 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.401 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

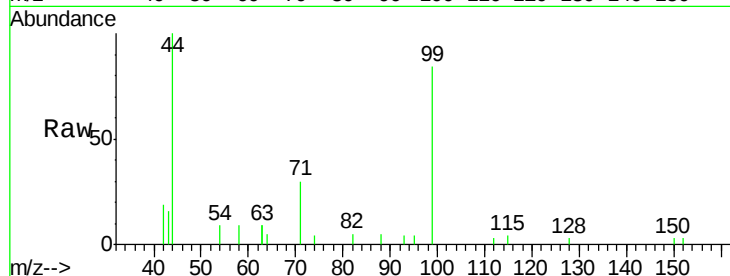
Tgt Ion: 99 Resp: 2146

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

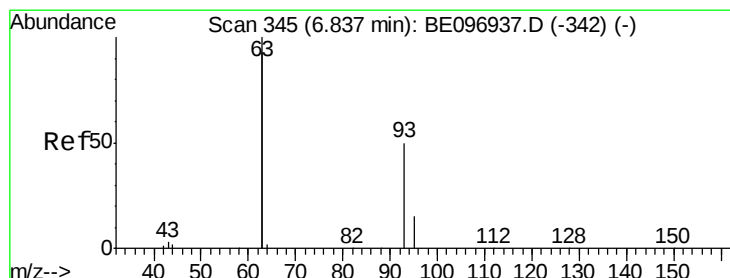
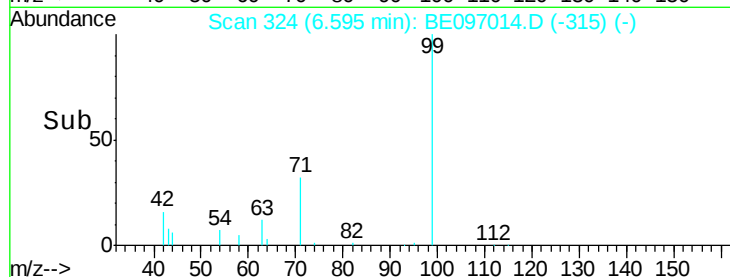
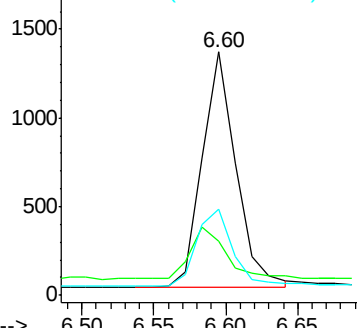
71 35.5 28.4 42.6



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: 0.384 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

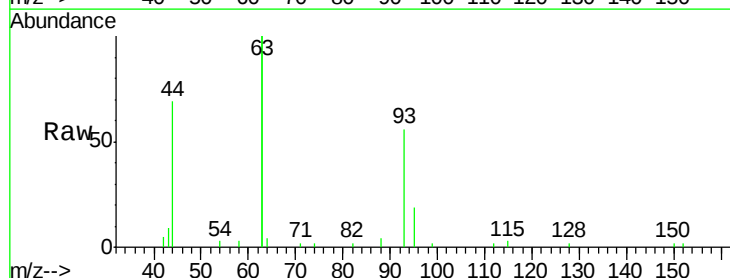
Tgt Ion: 93 Resp: 2015

Ion Ratio Lower Upper

93 100

63 340.0 275.3 412.9

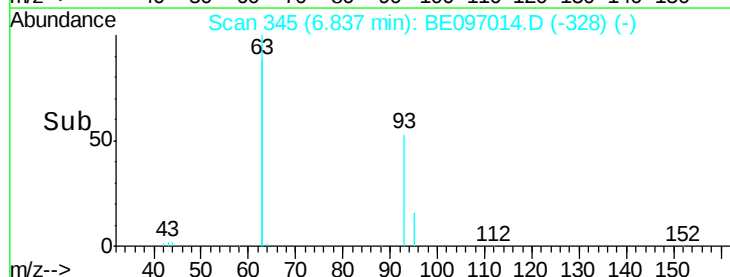
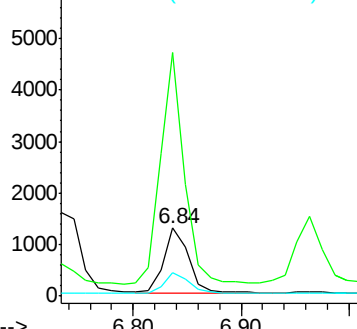
95 32.3 25.2 37.8

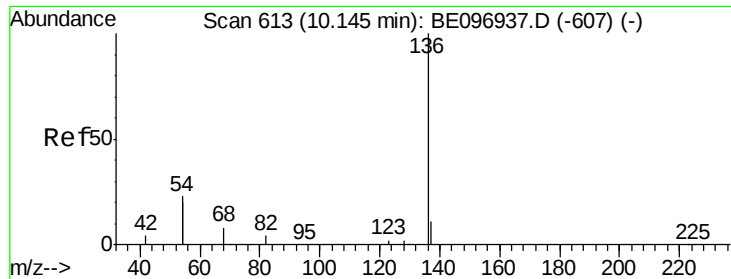


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 7250

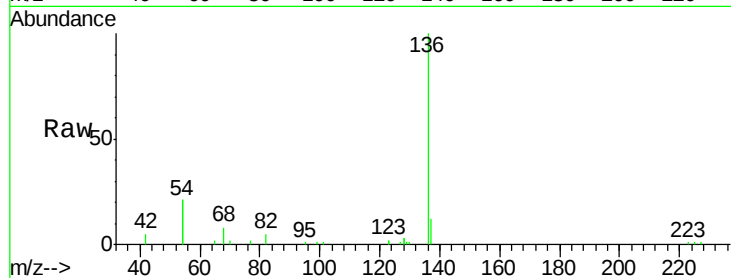
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 41.6 29.1 43.7

68 7.9 6.2 9.2

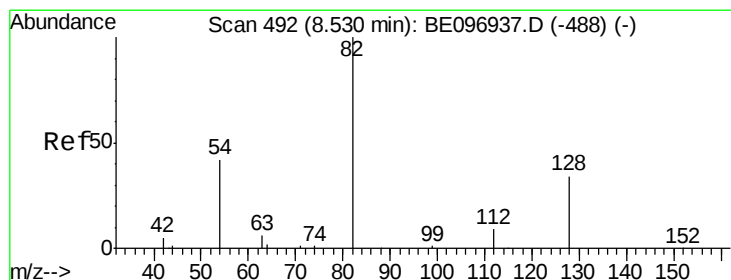
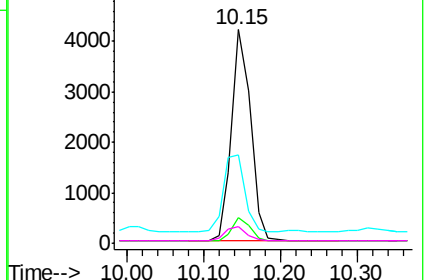
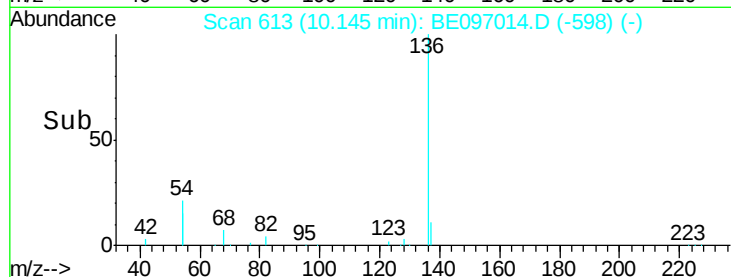


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.427 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

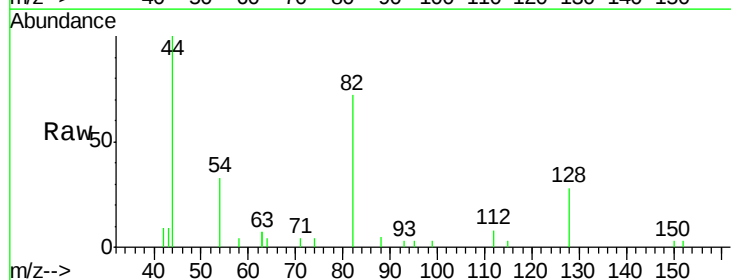
Tgt Ion: 82 Resp: 2256

Ion Ratio Lower Upper

82 100

128 38.7 24.0 36.0#

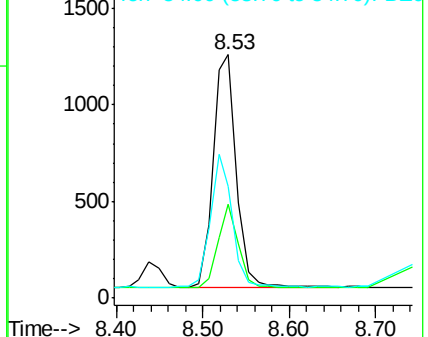
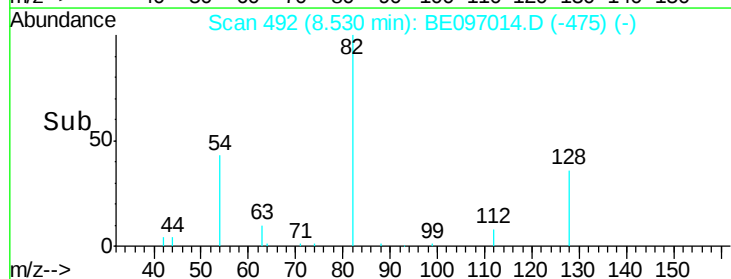
54 45.8 40.0 60.0

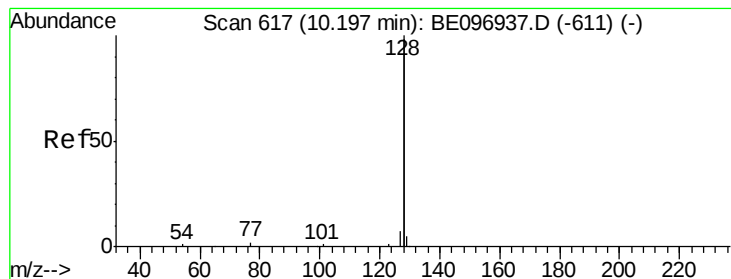


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.376 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

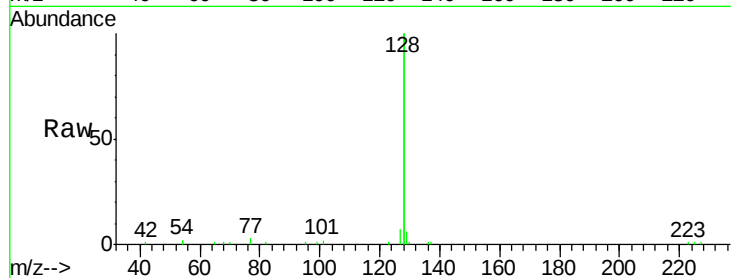
Tgt Ion:128 Resp: 24400

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

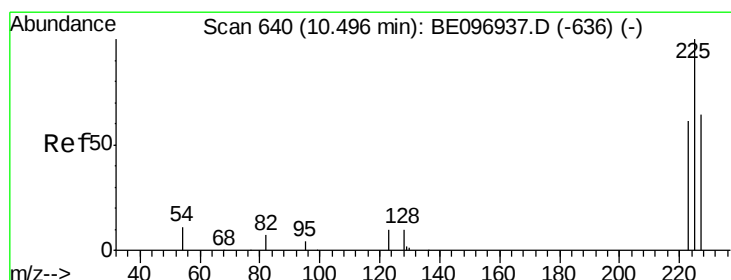
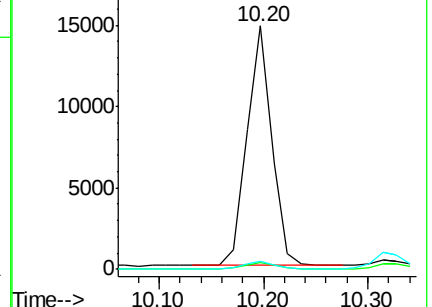
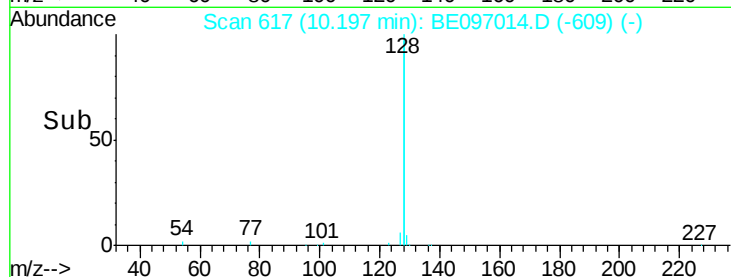
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.427 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

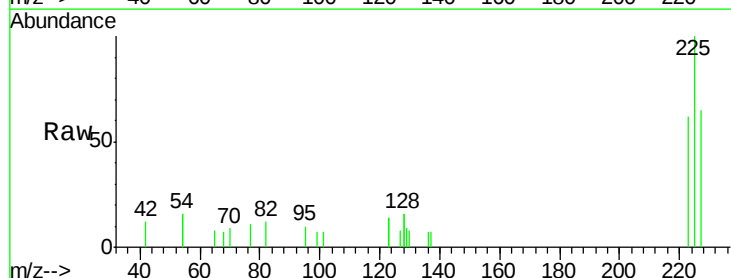
Tgt Ion:225 Resp: 1120

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.6

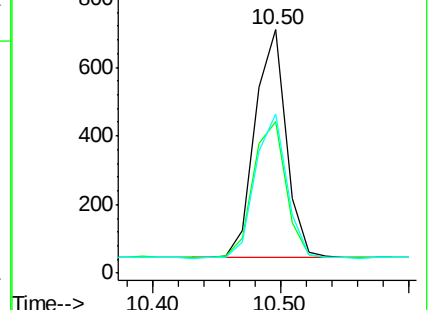
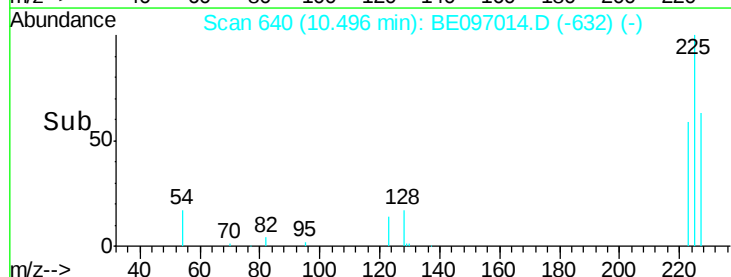
227 64.6 51.4 77.2

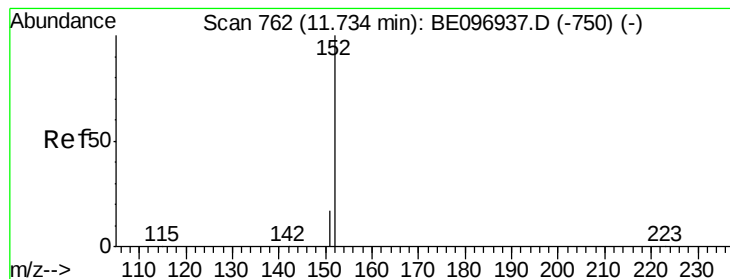


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

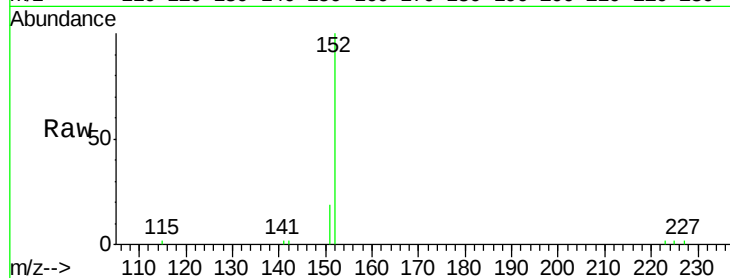
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3926

Ion Ratio Lower Upper

152 100

151 19.6 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

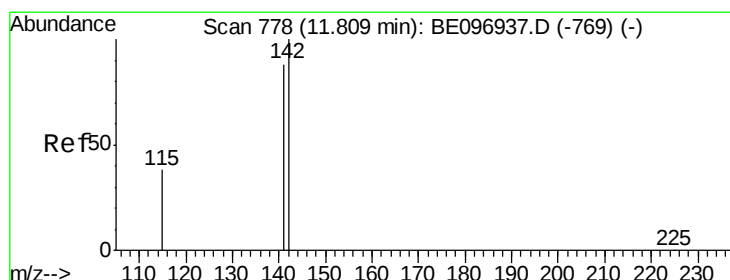
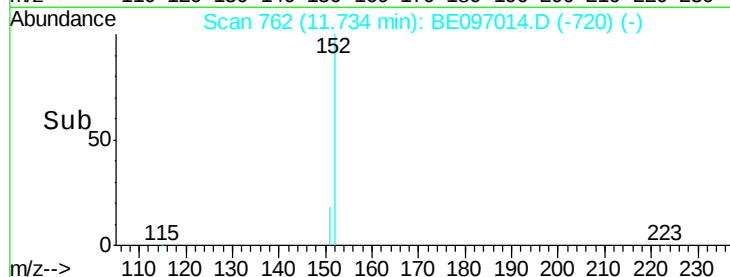
1500

1000

500

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 11.80 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

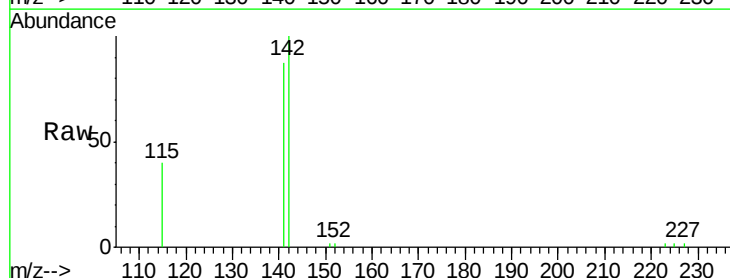
Tgt Ion:142 Resp: 4145

Ion Ratio Lower Upper

142 100

141 87.3 70.4 105.6

115 40.0 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

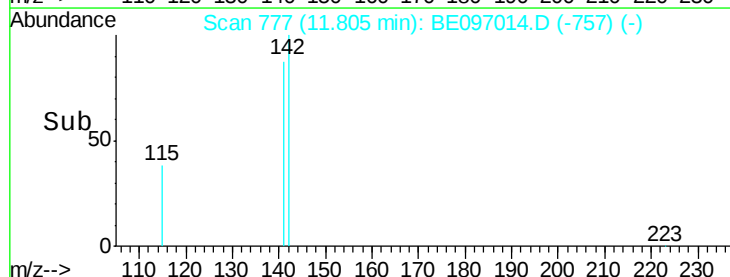
3000

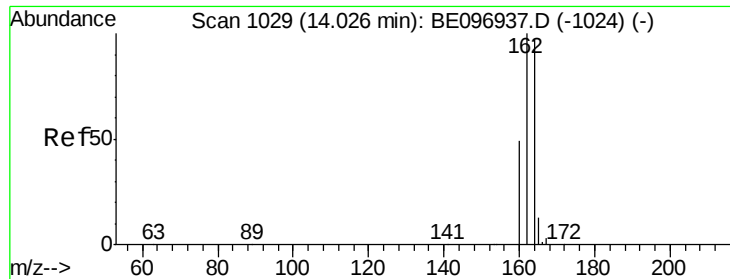
2000

1000

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

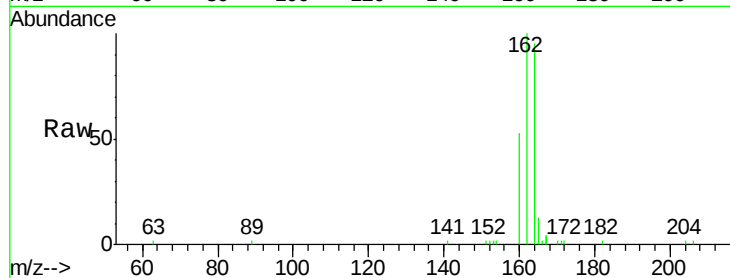
Tgt Ion:164 Resp: 4442

Ion Ratio Lower Upper

164 100

162 105.5 83.1 124.7

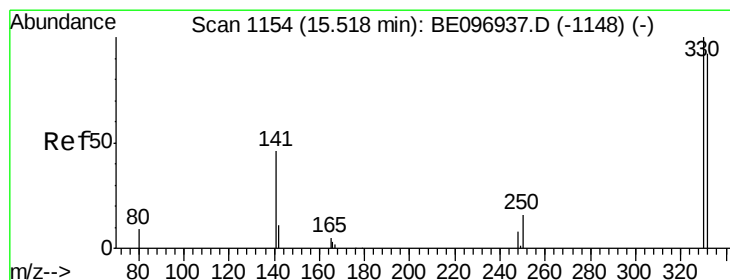
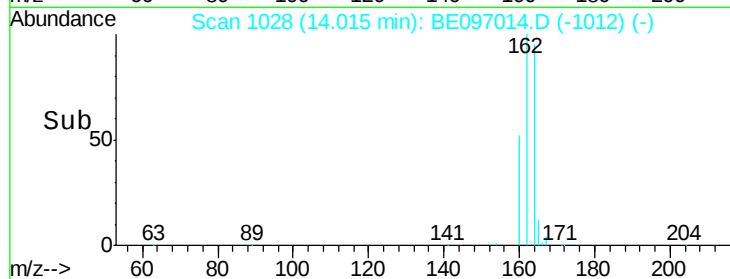
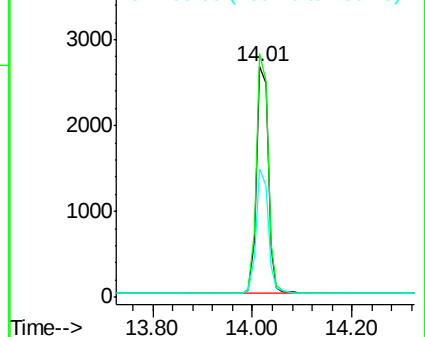
160 55.6 37.1 55.7



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: 0.484 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

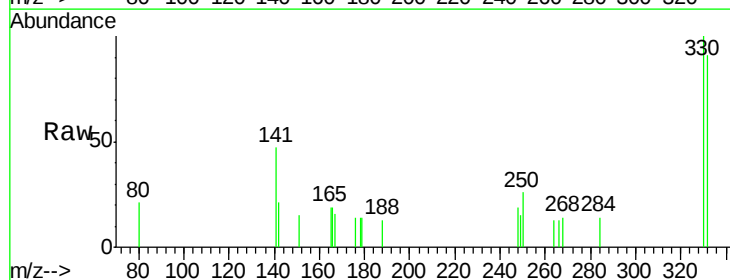
Tgt Ion:330 Resp: 485

Ion Ratio Lower Upper

330 100

332 96.5 152.7 229.1#

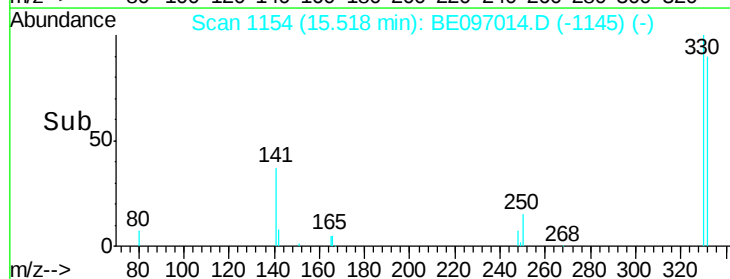
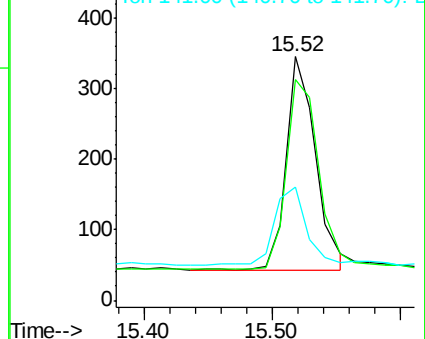
141 39.8 33.7 50.5

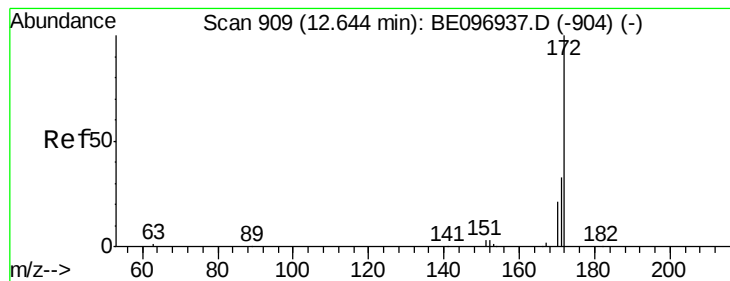


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.352 ng

RT: 12.63 min Scan# 908

Delta R.T. -0.01 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

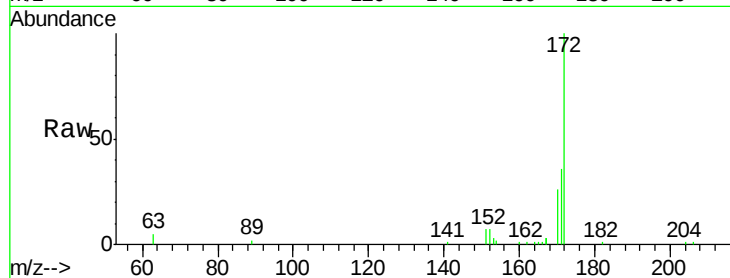
Tgt Ion:172 Resp: 5815

Ion Ratio Lower Upper

172 100

171 35.5 29.9 44.9

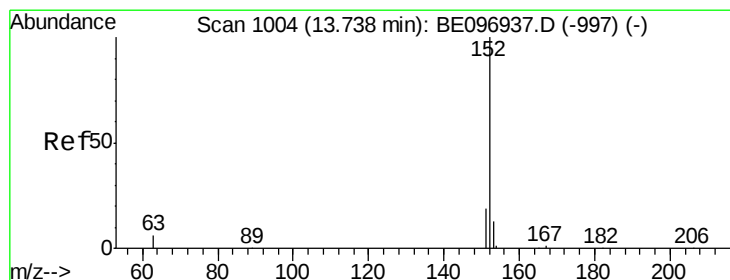
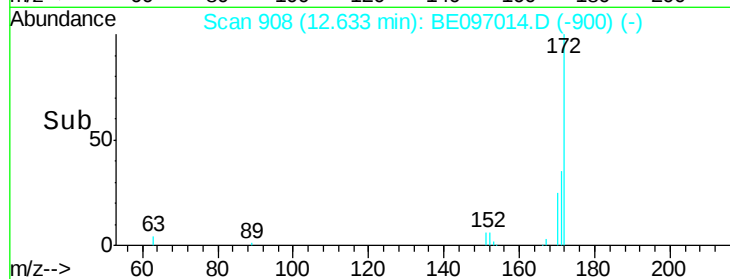
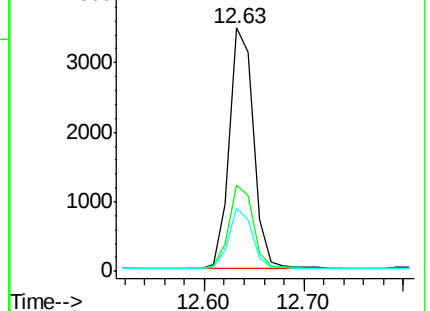
170 26.1 21.8 32.8



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: 0.367 ng

RT: 13.74 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

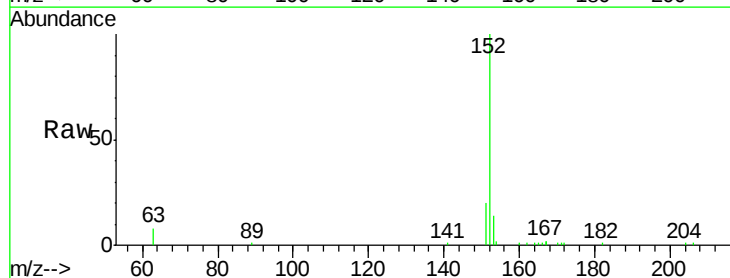
Tgt Ion:152 Resp: 7447

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

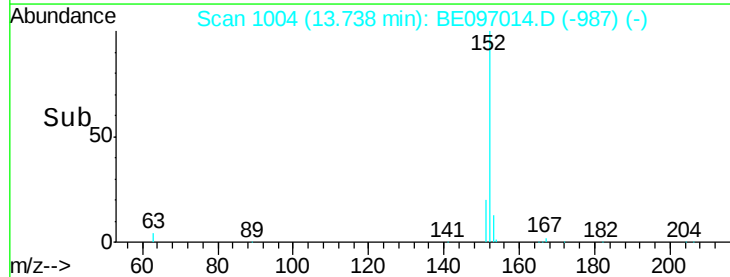
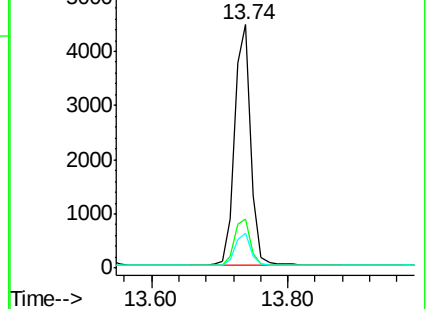
153 13.0 10.5 15.7

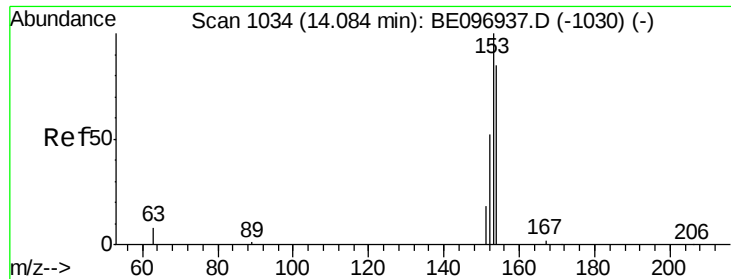


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.354 ng

RT: 14.08 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

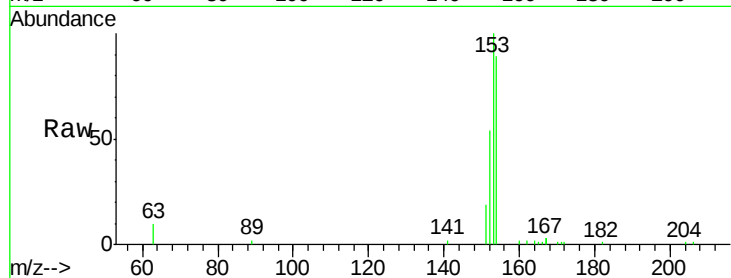
Tgt Ion:154 Resp: 4468

Ion Ratio Lower Upper

154 100

153 114.5 89.2 133.8

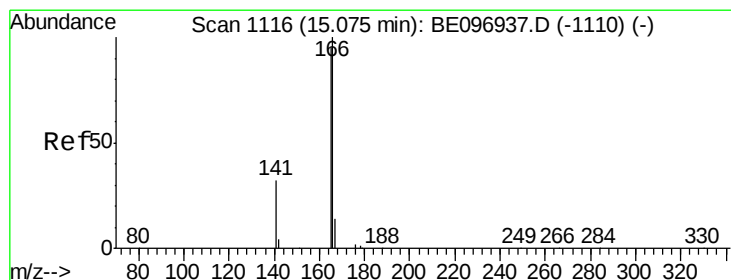
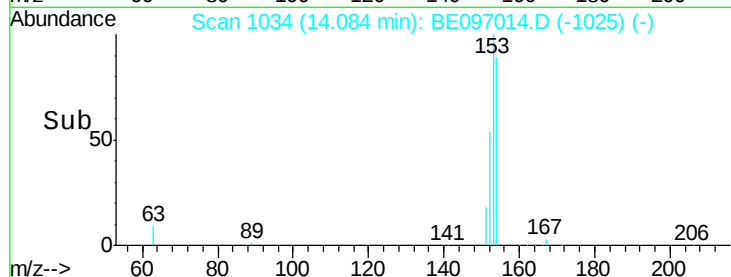
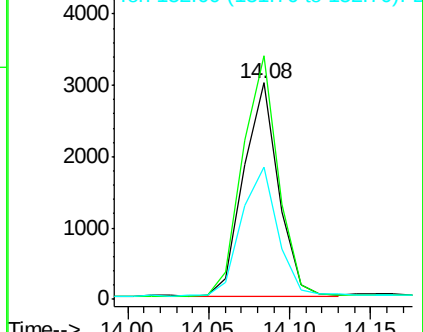
152 63.2 42.0 63.0#



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: 0.407 ng

RT: 15.08 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

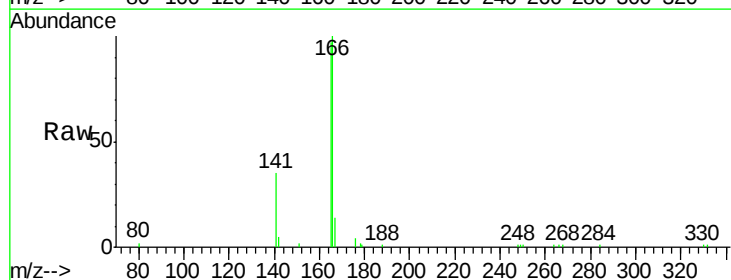
Tgt Ion:166 Resp: 5767

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.6

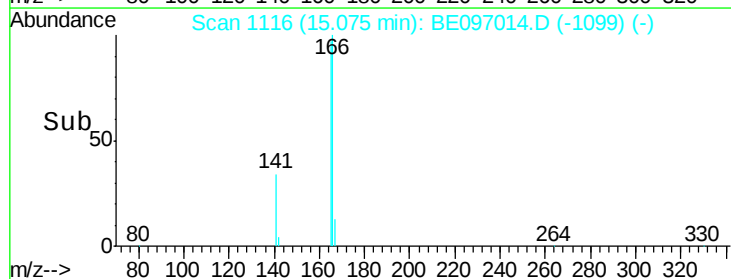
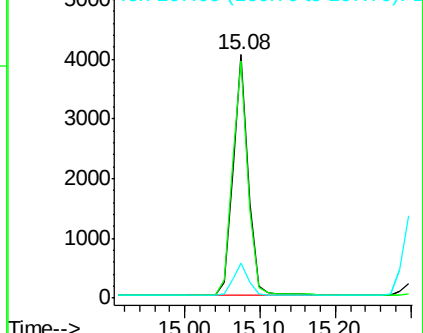
167 13.4 42.4 63.6#

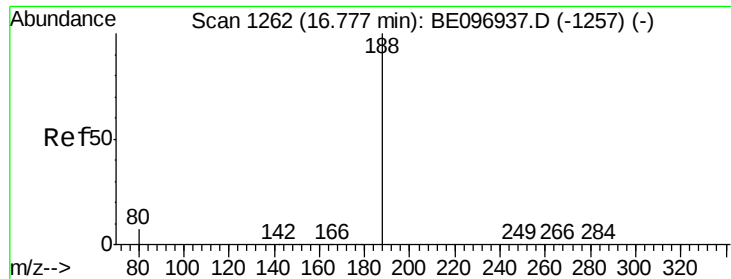


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.01 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

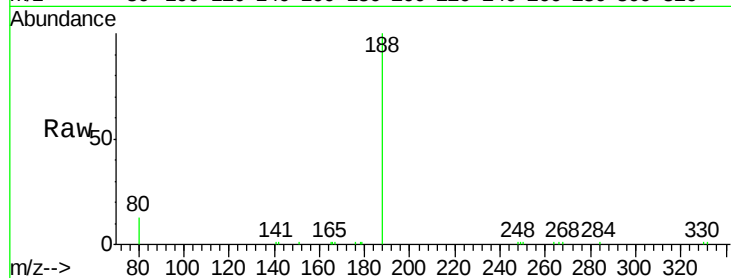
Tgt Ion:188 Resp: 12592

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

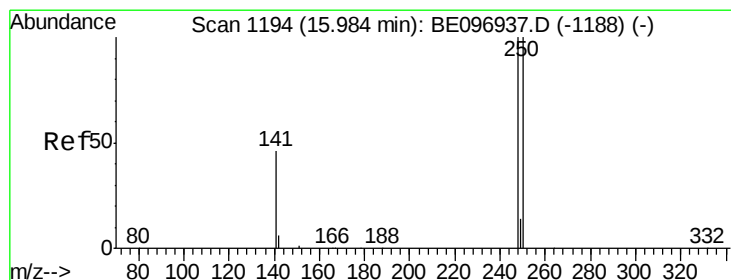
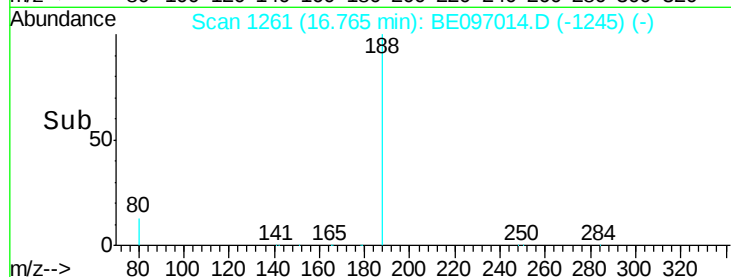
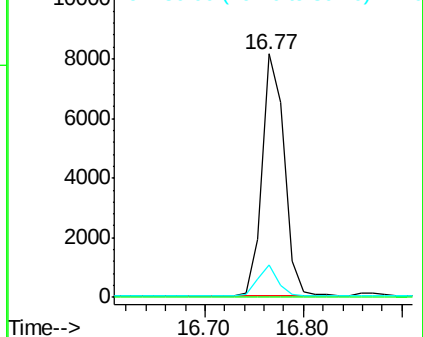
80 13.4 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.379 ng

RT: 15.97 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

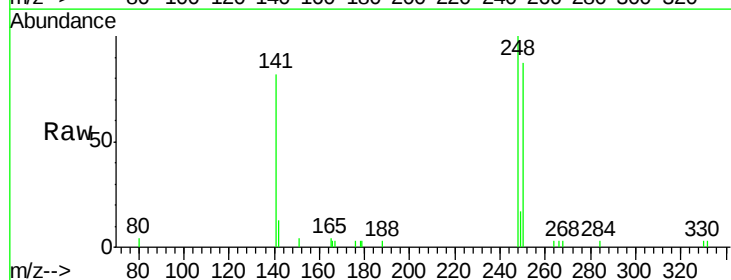
Tgt Ion:248 Resp: 2258

Ion Ratio Lower Upper

248 100

250 87.1 62.7 94.1

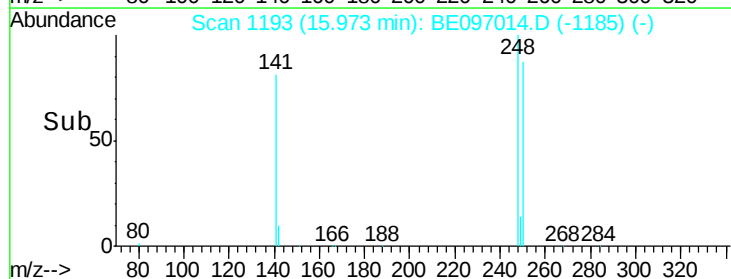
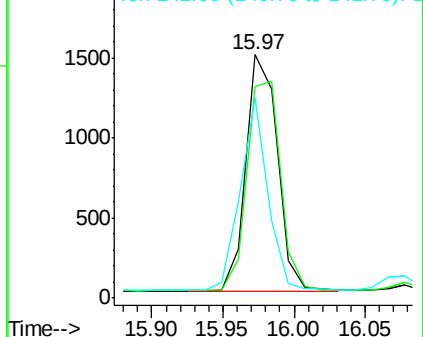
141 82.1 48.2 72.2#

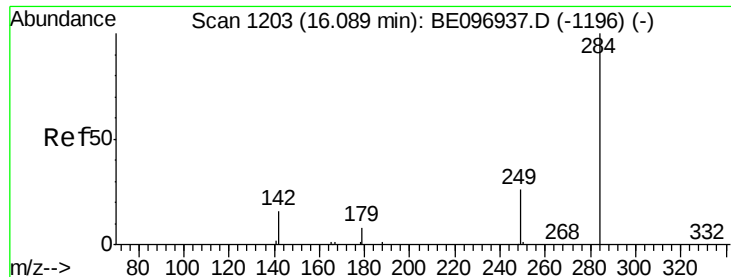


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

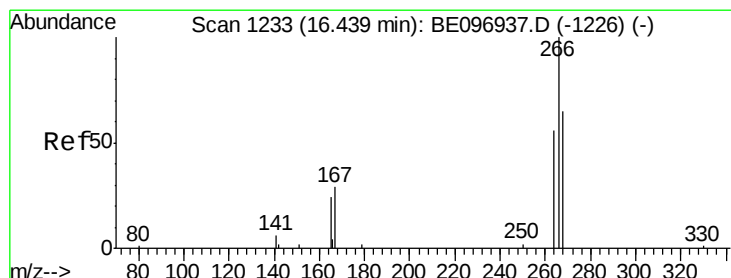
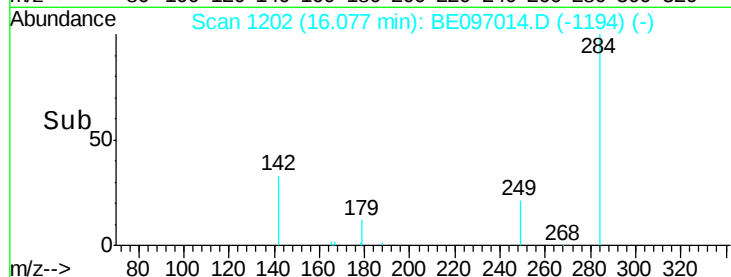
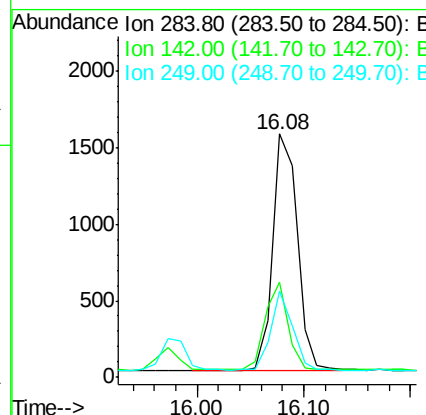
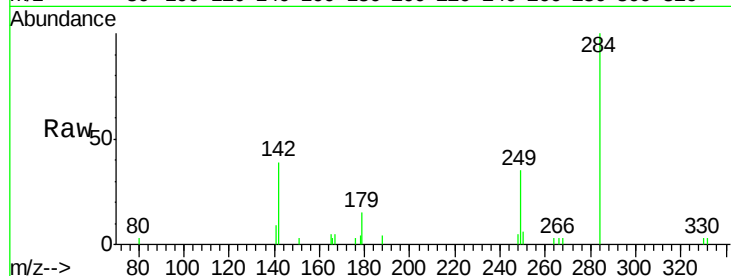




#21
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

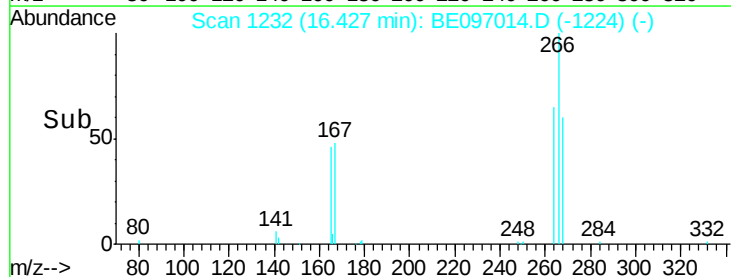
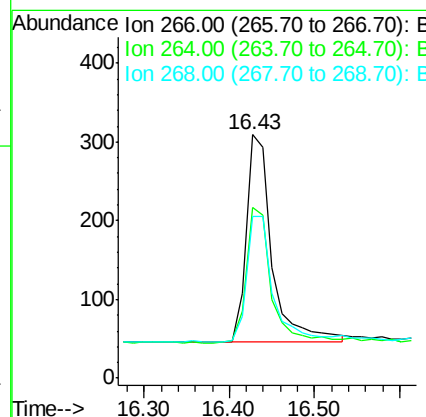
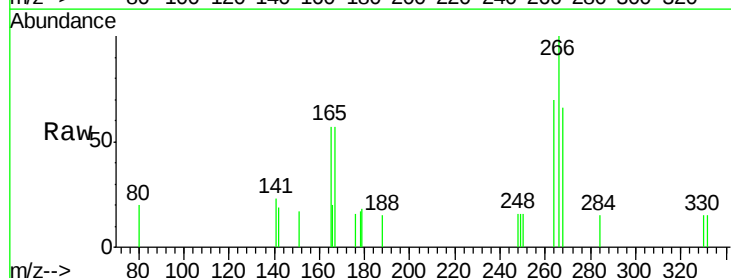
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

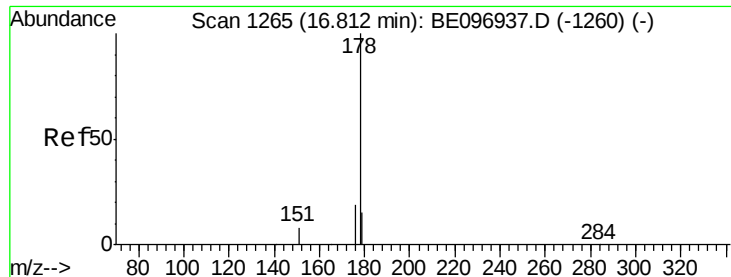
Tgt Ion: 284 Resp: 2476
Ion Ratio Lower Upper
284 100
142 34.7 22.1 33.1#
249 29.9 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.549 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion: 266 Resp: 552
Ion Ratio Lower Upper
266 100
264 70.2 72.5 108.7#
268 66.3 73.8 110.6#





#23

Phenanthrene

Concen: 0.375 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

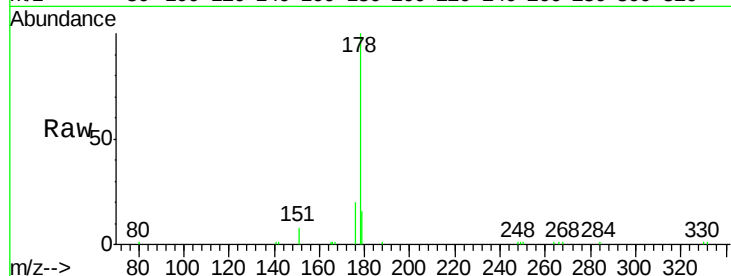
Tgt Ion:178 Resp: 11322

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

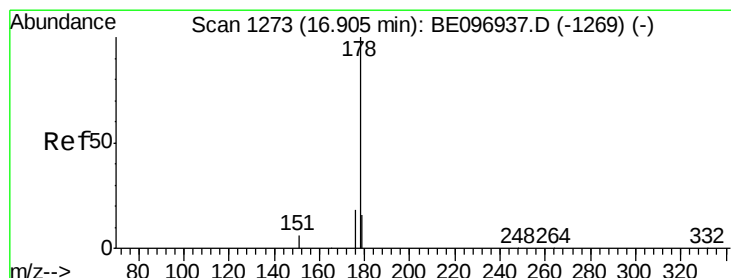
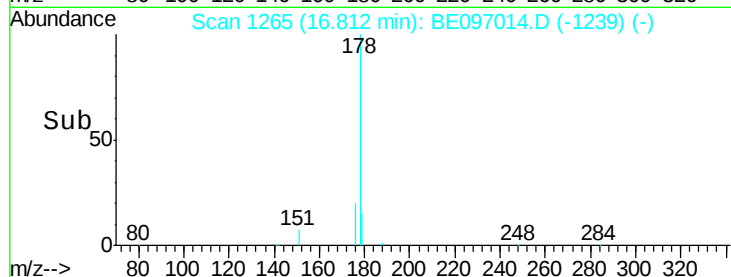
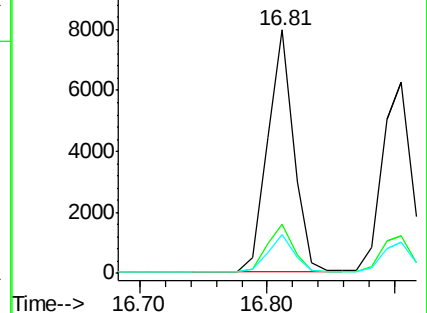
179 15.2 11.8 17.6



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: 0.377 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

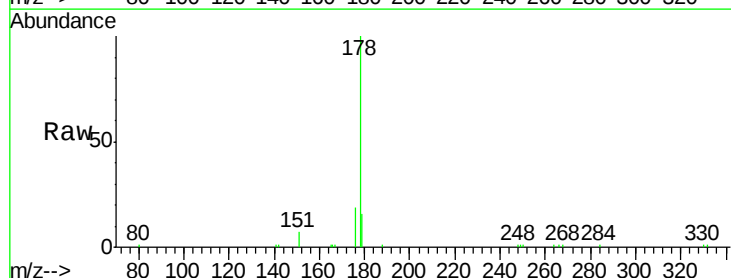
Tgt Ion:178 Resp: 9883

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

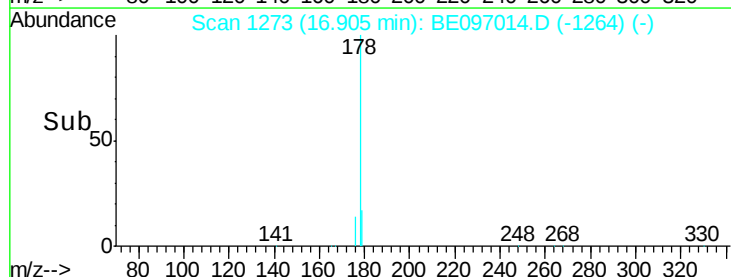
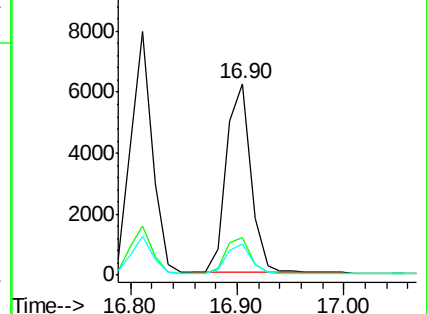
179 15.3 13.0 19.6

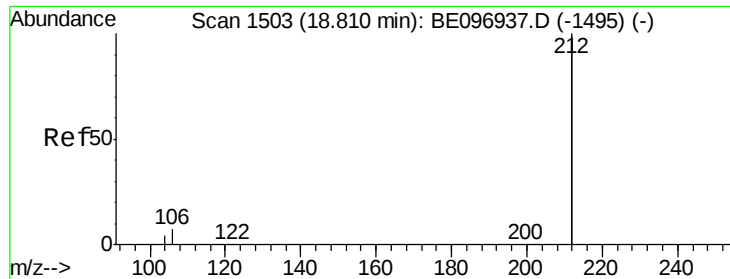


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.432 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

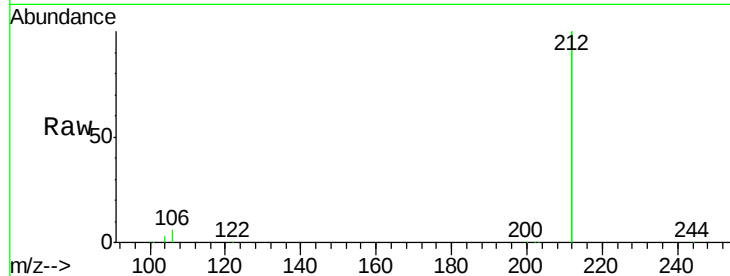
Tgt Ion:212 Resp: 47343

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

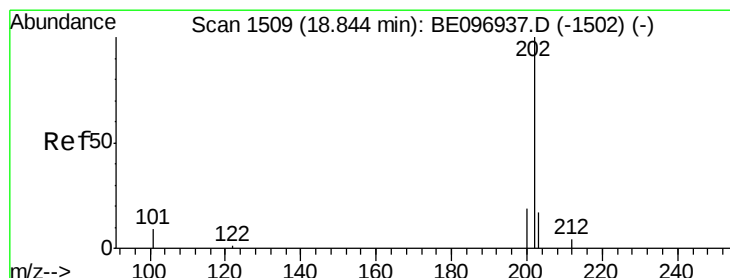
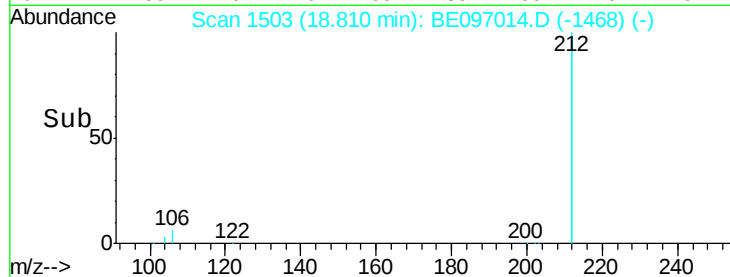
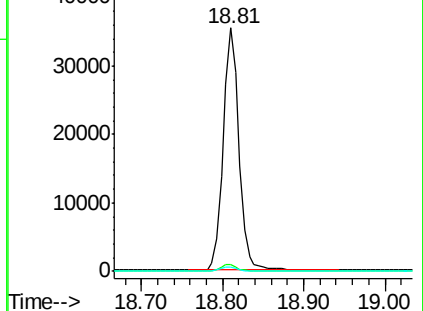
104 1.7 1.6 2.4



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: 0.409 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

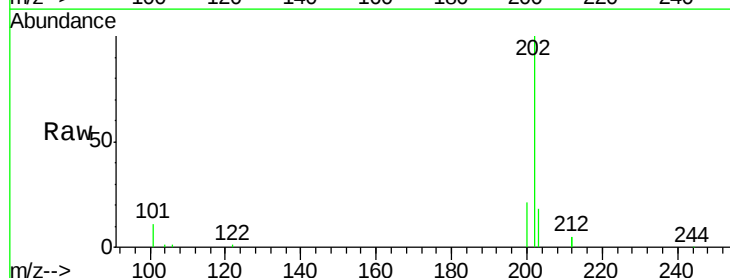
Tgt Ion:202 Resp: 13018

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

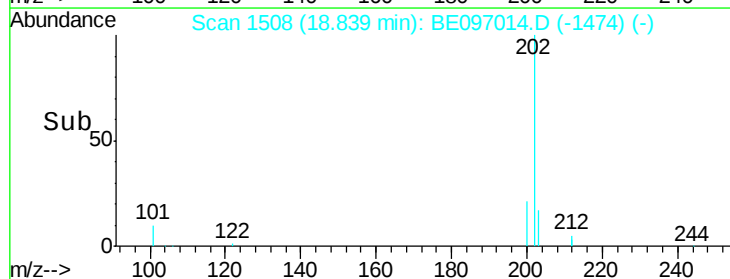
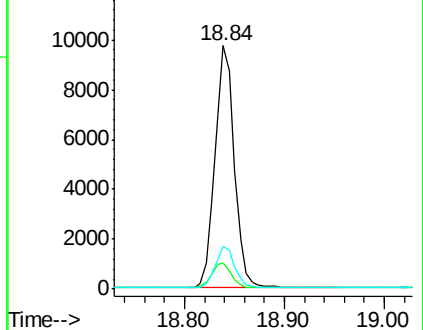
203 17.2 13.7 20.5

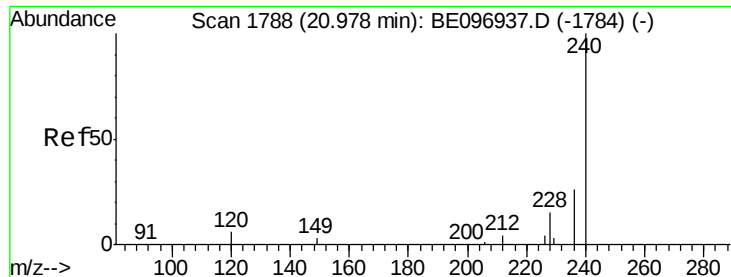


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

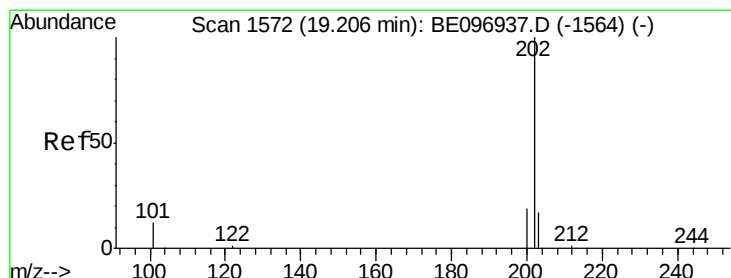
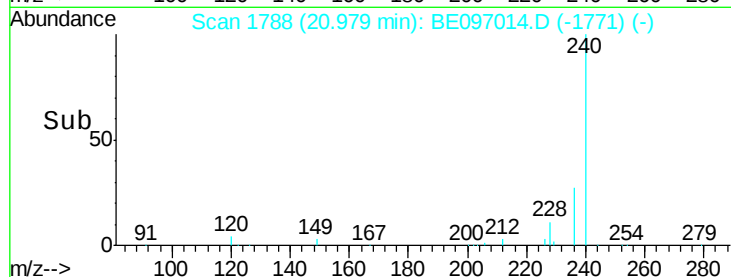
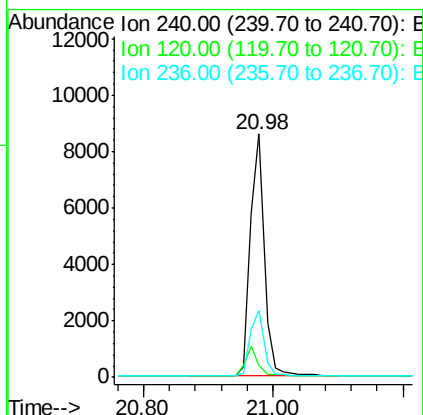
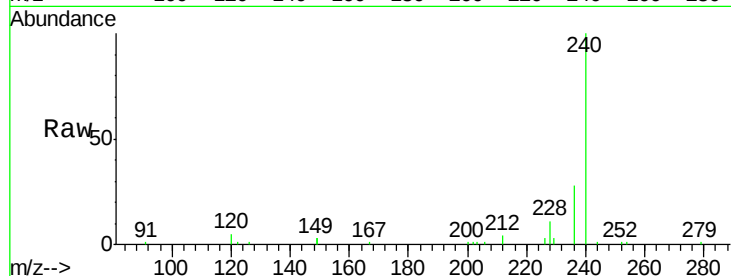




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

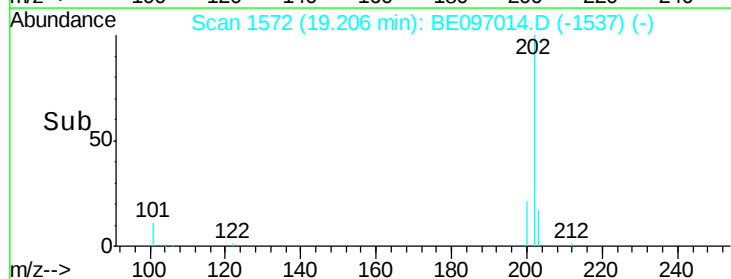
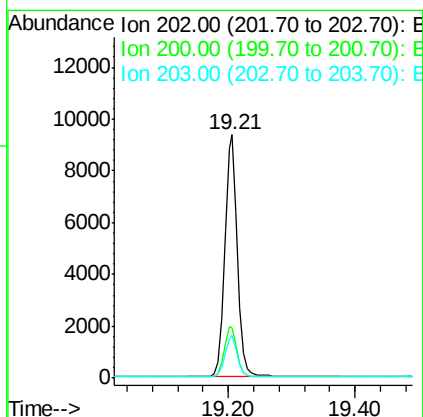
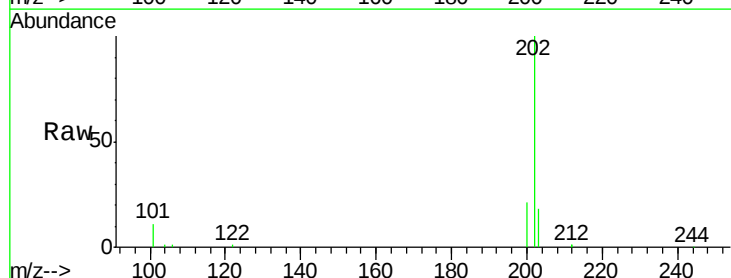
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

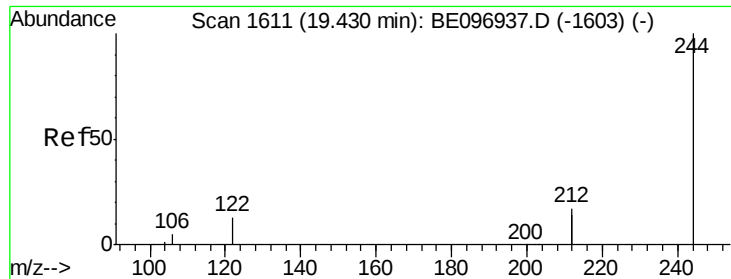
Tgt Ion:240 Resp: 12583
Ion Ratio Lower Upper
240 100
120 5.0 5.5 8.3#
236 27.6 20.7 31.1



#28
Pyrene
Concen: 0.351 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:202 Resp: 13019
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.1 13.8 20.8

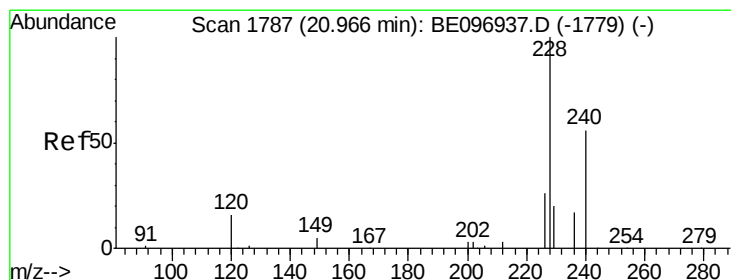
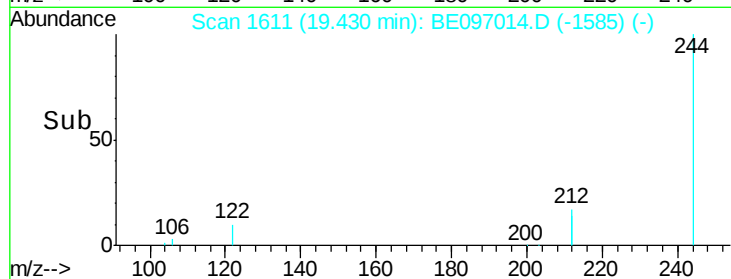
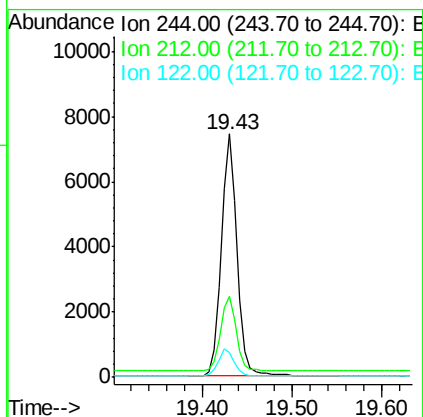
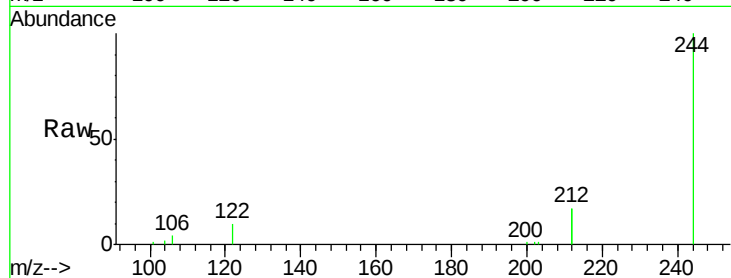




#29
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097014.D
 Acq: 19 Jul 2018 20:48

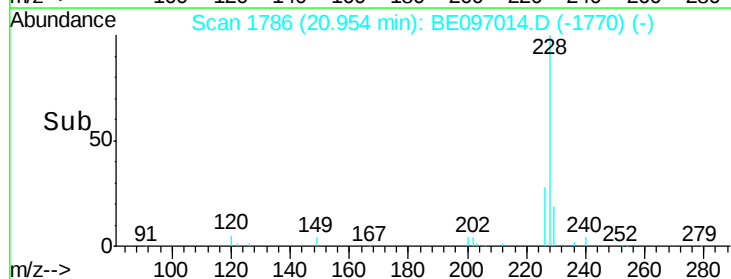
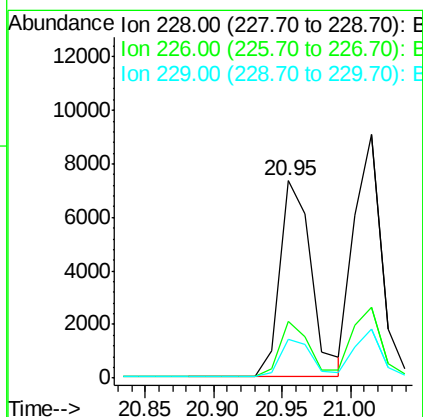
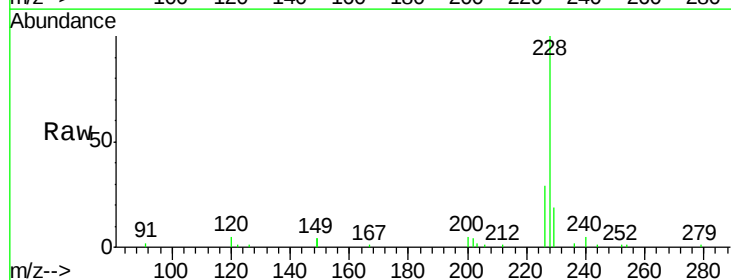
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

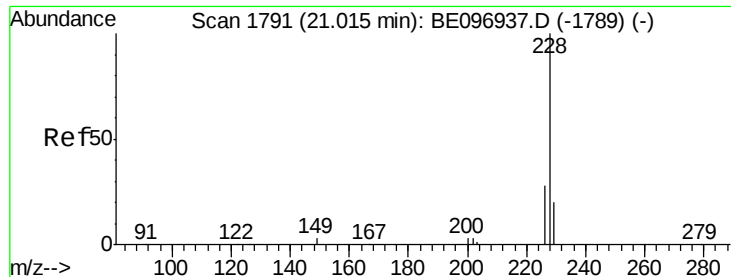
Tgt Ion: 244 Resp: 9002
 Ion Ratio Lower Upper
 244 100
 212 33.5 25.4 38.0
 122 10.2 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.388 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BE097014.D
 Acq: 19 Jul 2018 20:48

Tgt Ion: 228 Resp: 11628
 Ion Ratio Lower Upper
 228 100
 226 28.5 24.0 36.0
 229 19.4 16.0 24.0





#31

Chrysene

Concen: 0.374 ng

RT: 21.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

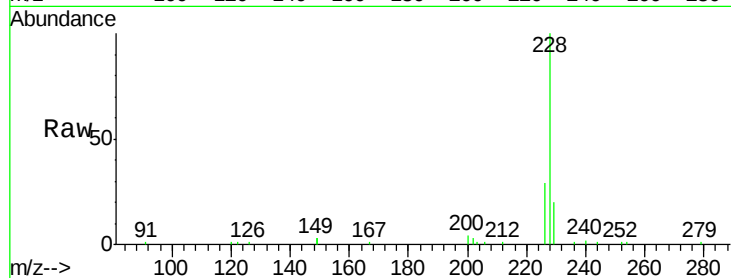
Tgt Ion:228 Resp: 12557

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

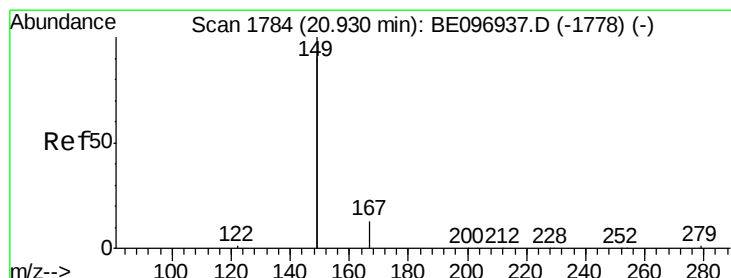
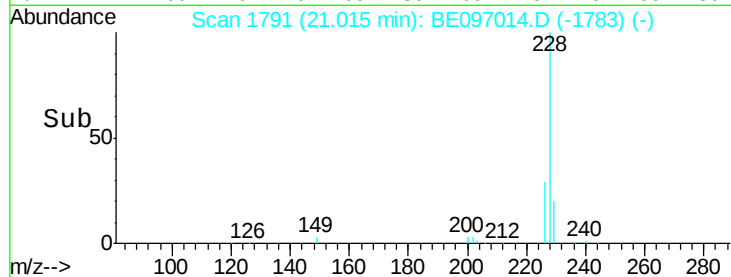
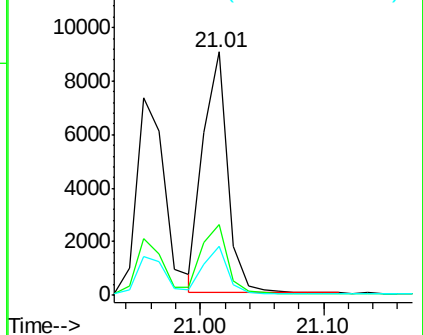
229 20.0 16.0 24.0



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: 0.395 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

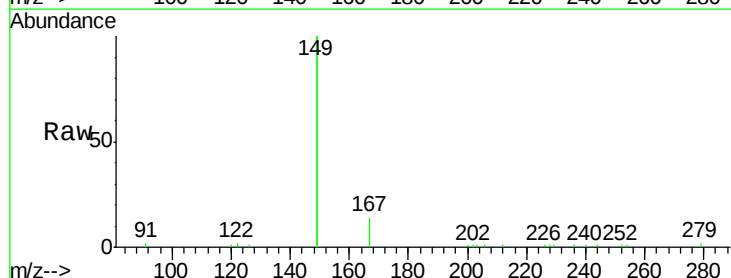
Tgt Ion:149 Resp: 11817

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

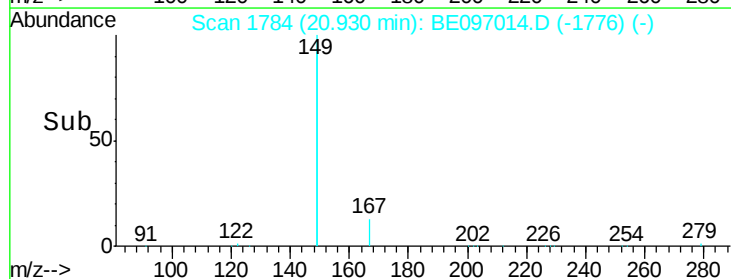
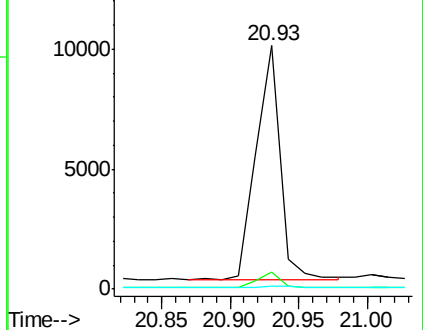
279 0.9 0.7 1.1

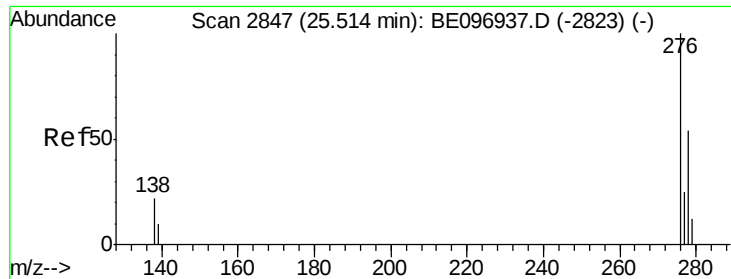


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.502 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

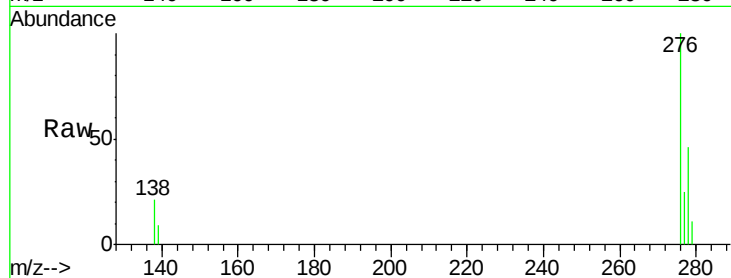
Tgt Ion:276 Resp: 12292

Ion Ratio Lower Upper

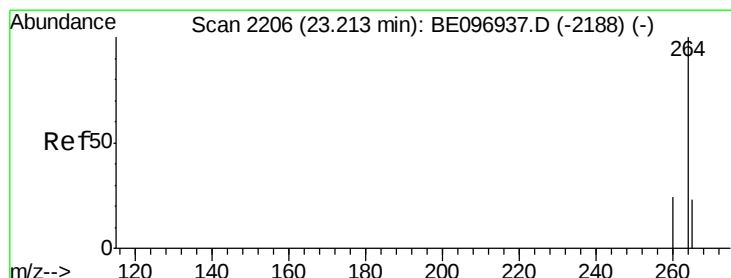
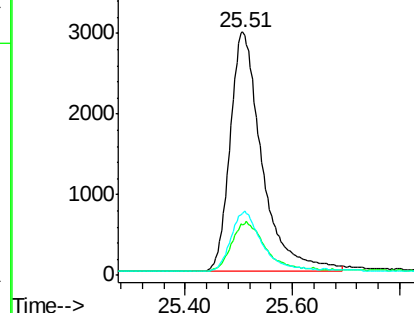
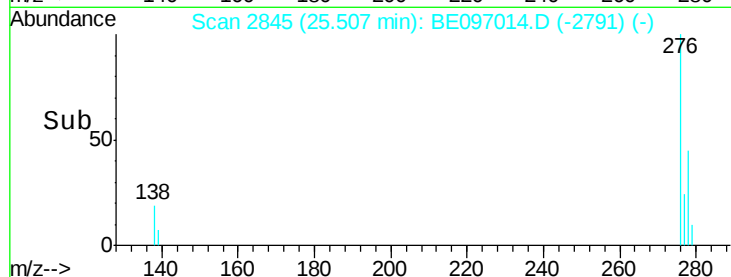
276 100

138 21.2 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# 2205

Delta R.T. -0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

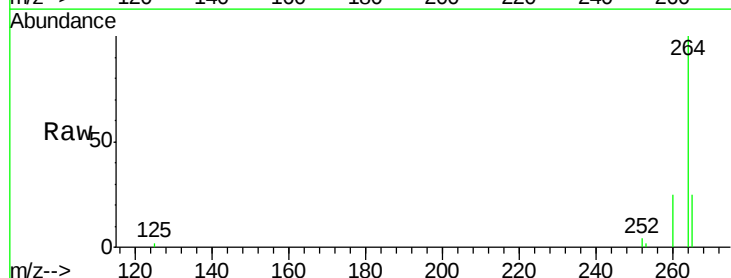
Tgt Ion:264 Resp: 11885

Ion Ratio Lower Upper

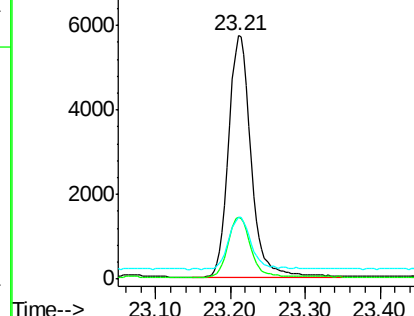
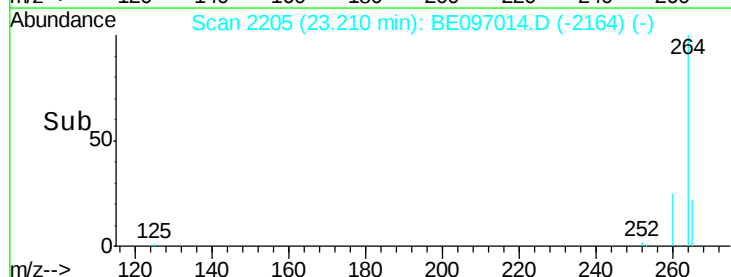
264 100

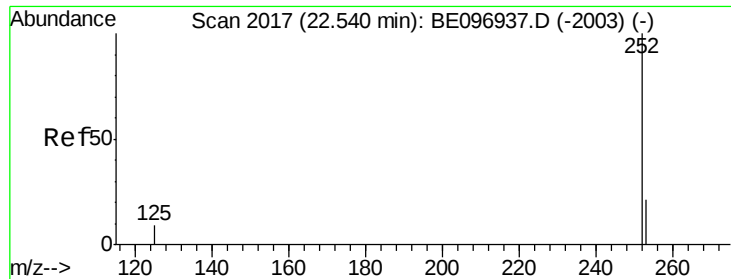
260 25.3 20.5 30.7

265 25.4 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

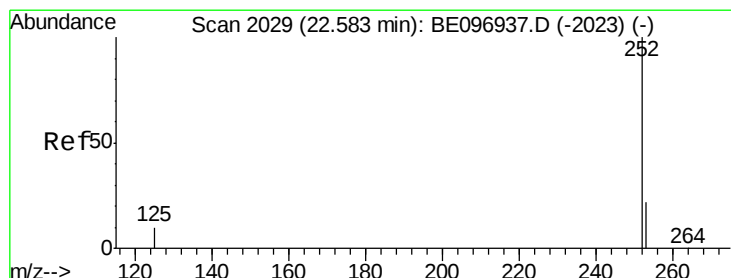
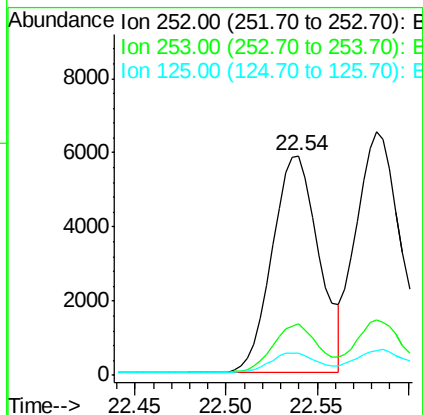
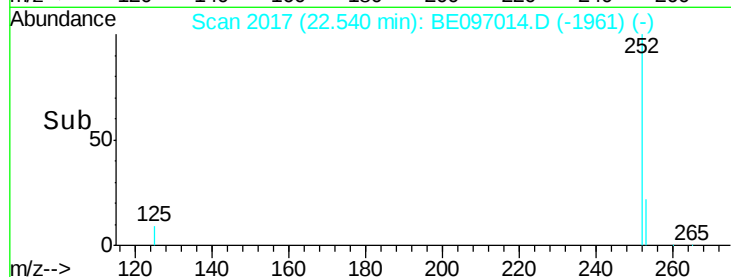
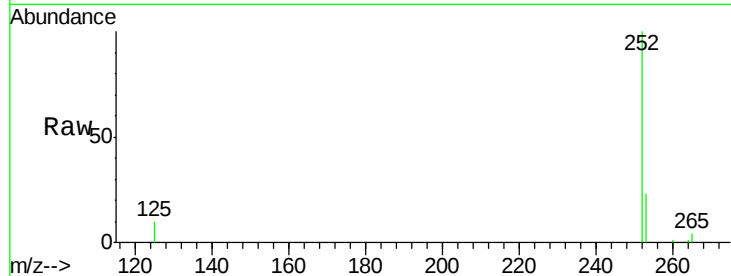




#35
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

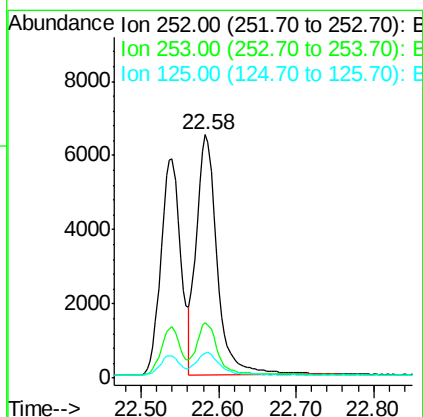
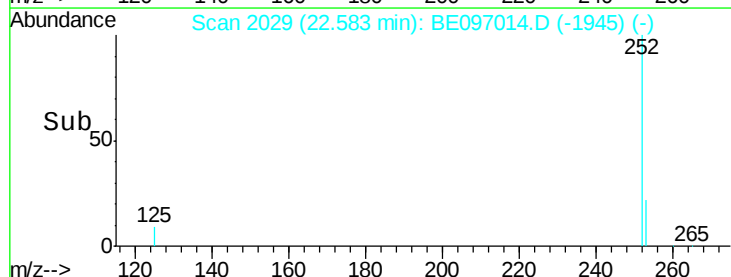
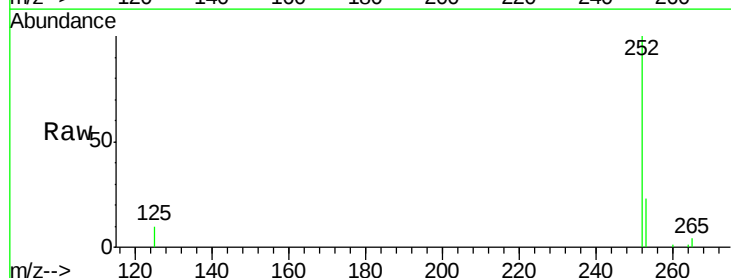
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

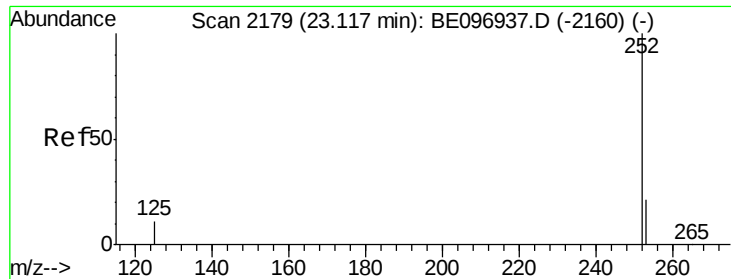
Tgt Ion:252 Resp: 10427
Ion Ratio Lower Upper
252 100
253 23.3 20.0 30.0
125 9.8 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 22.58 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE097014.D
Acq: 19 Jul 2018 20:48

Tgt Ion:252 Resp: 12071
Ion Ratio Lower Upper
252 100
253 22.8 16.0 24.0
125 10.1 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.367 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

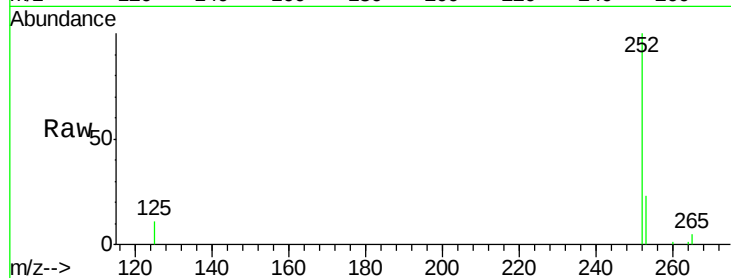
Tgt Ion:252 Resp: 9176

Ion Ratio Lower Upper

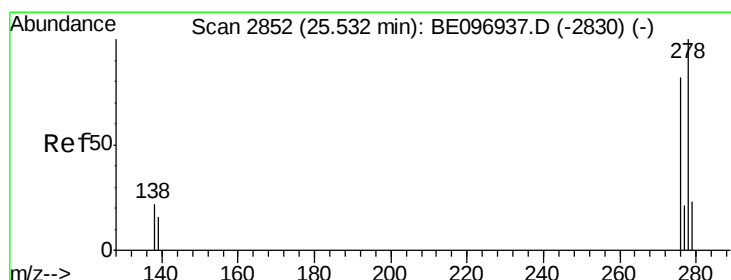
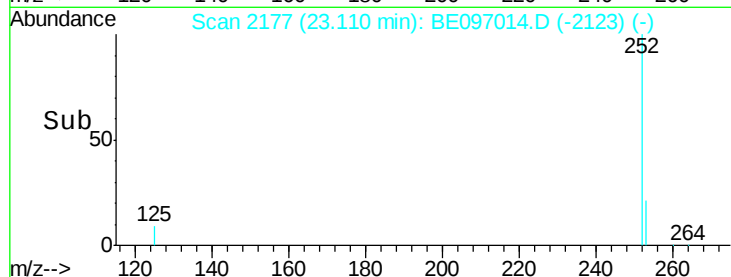
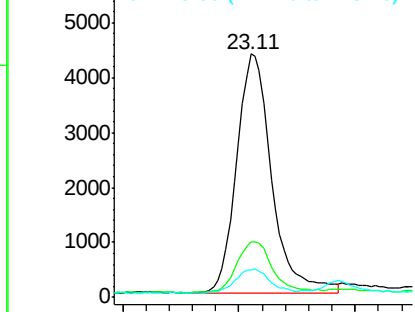
252 100

253 22.8 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: 0.471 ng

RT: 25.54 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE097014.D

Acq: 19 Jul 2018 20:48

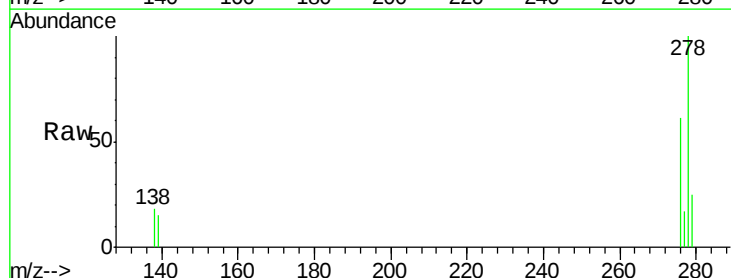
Tgt Ion:278 Resp: 10482

Ion Ratio Lower Upper

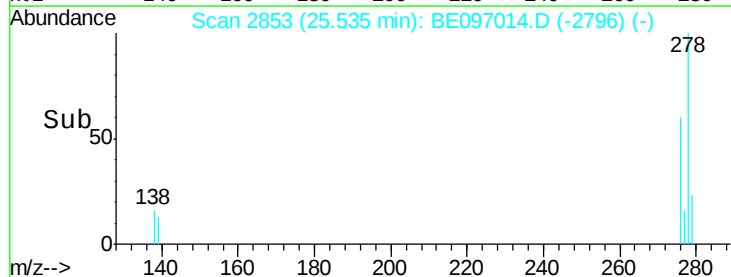
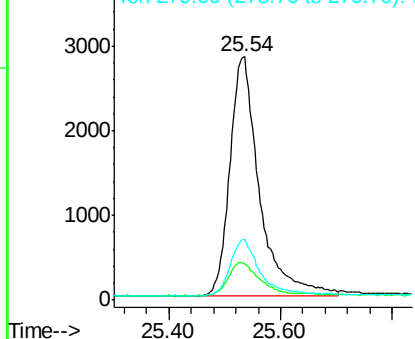
278 100

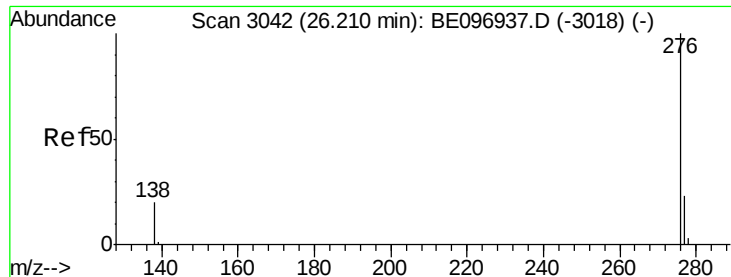
139 14.8 16.0 24.0#

279 24.8 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: 0.436 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE097014.D

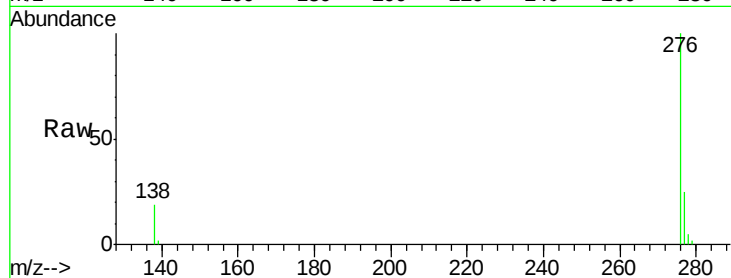
Acq: 19 Jul 2018 20:48

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 10744

Ion Ratio Lower Upper

276 100

277 25.0 16.0 24.0#

138 19.5 20.0 30.0#

