

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097028.D
 Acq On : 20 Jul 2018 15:36
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 20 17:02:54 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	1833	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	8711	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	5446	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	14766	0.40	ng	0.00
27) Chrysene-d12	20.98	240	14830	0.40	ng	0.00
34) Perylene-d12	23.21	264	13763	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1788	0.41	ng	0.00
5) Phenol-d6	6.59	99	2639	0.39	ng	0.00
8) Nitrobenzene-d5	8.52	82	2763	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4911	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	591	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7316	0.36	ng	0.00
25) Fluoranthene-d10	18.81	212	56322	0.44	ng	0.00
29) Terphenyl-d14	19.43	244	10650	0.37	ng	0.00

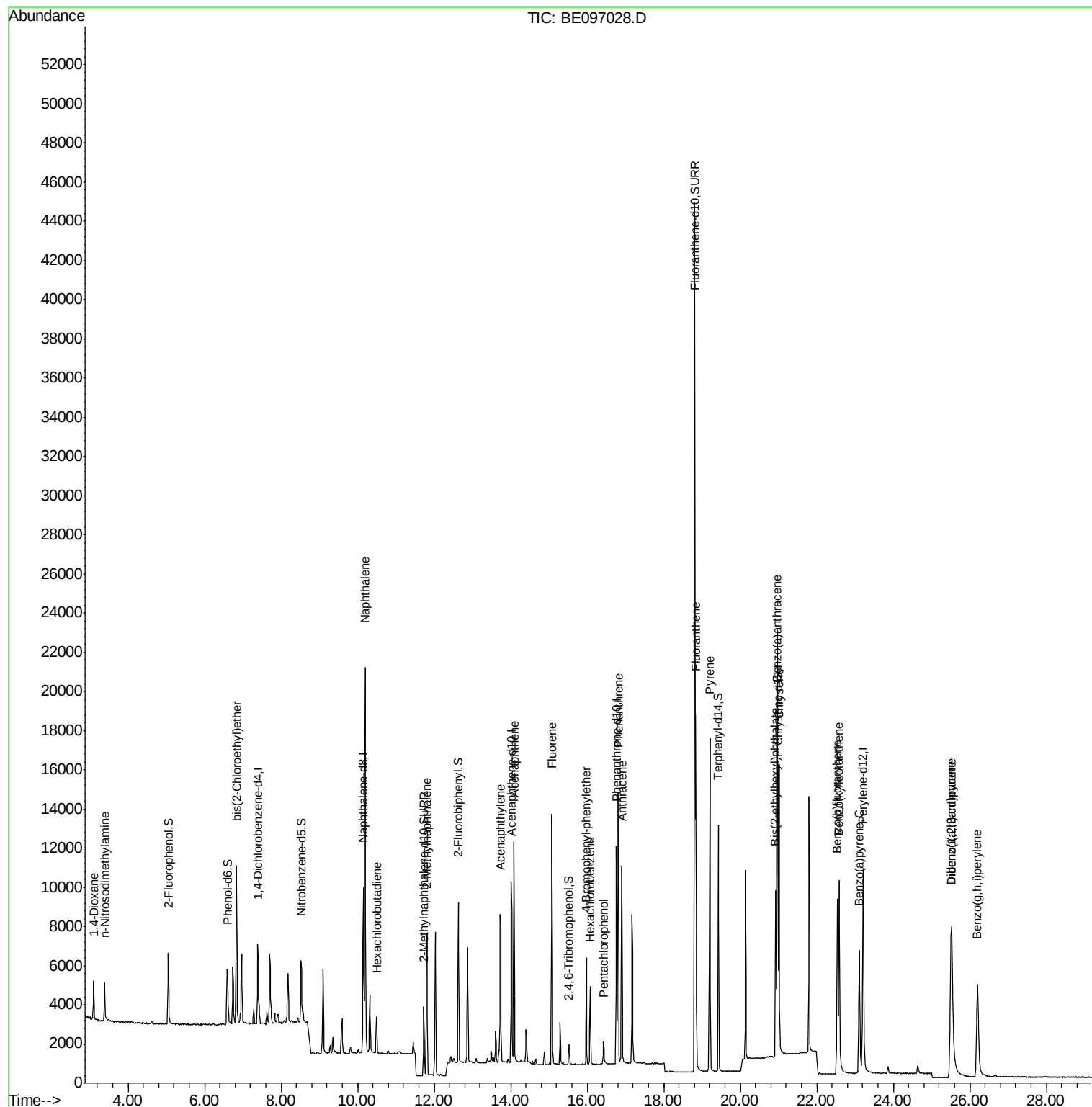
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1050	0.400	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	1271	0.430	ng	# 90
6) bis(2-Chloroethyl)ether	6.84	93	2549	0.388	ng	99
9) Naphthalene	10.20	128	31027	0.398	ng	100
10) Hexachlorobutadiene	10.50	225	1415	0.449	ng	97
12) 2-Methylnaphthalene	11.80	142	5147	0.389	ng	99
16) Acenaphthylene	13.73	152	9151	0.368	ng	100
17) Acenaphthene	14.08	154	5596	0.362	ng	# 94
18) Fluorene	15.08	166	7205	0.415	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	2745	0.393	ng	# 83
21) Hexachlorobenzene	16.08	284	3061	0.395	ng	# 83
22) Pentachlorophenol	16.43	266	654	0.553	ng	# 76
23) Phenanthrene	16.81	178	13838	0.391	ng	99
24) Anthracene	16.90	178	11804	0.384	ng	96
26) Fluoranthene	18.84	202	15680	0.420	ng	98
28) Pyrene	19.20	202	15241	0.348	ng	99
30) Benzo(a)anthracene	20.95	228	13422	0.380	ng	98
31) Chrysene	21.02	228	15677	0.396	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	12191	0.346	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	14232	0.493	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	11592	0.330	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	14787	0.354	ng	96
37) Benzo(a)pyrene	23.11	252	10917	0.374	ng	# 91
38) Dibenzo(a,h)anthracene	25.53	278	12239	0.474	ng	# 96
39) Benzo(g,h,i)perylene	26.20	276	12358	0.433	ng	# 90

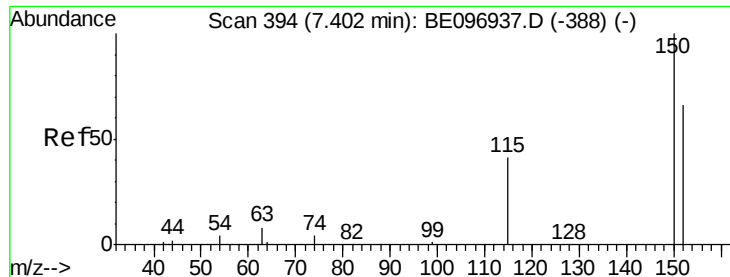
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

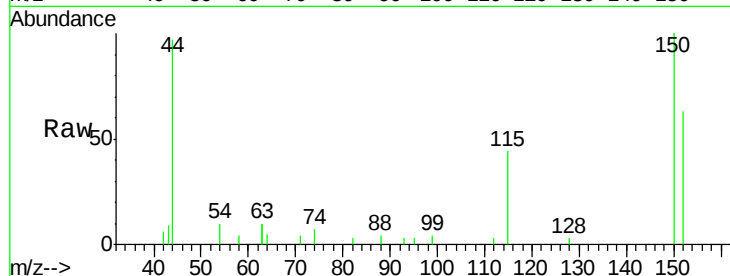
Tgt Ion:152 Resp: 1833

Ion Ratio Lower Upper

152 100

150 157.8 117.2 175.8

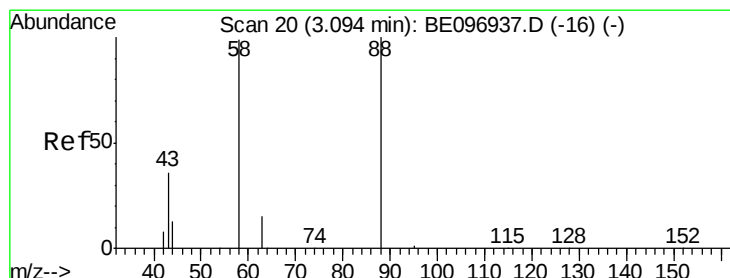
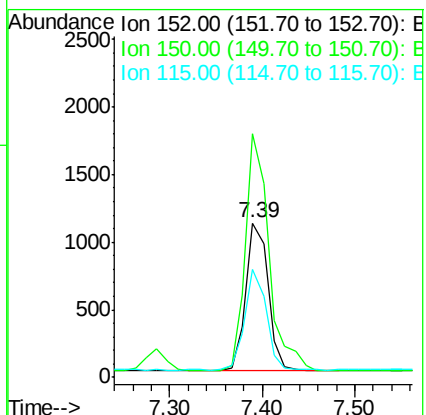
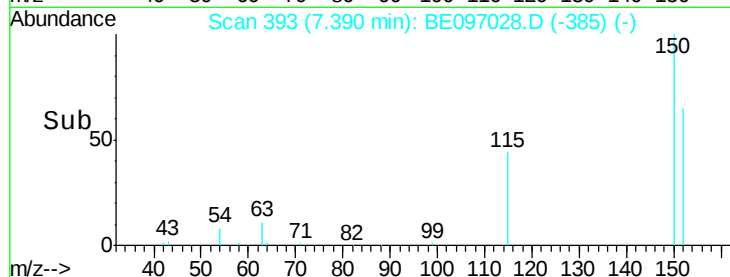
115 70.1 57.0 85.6



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: 0.400 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

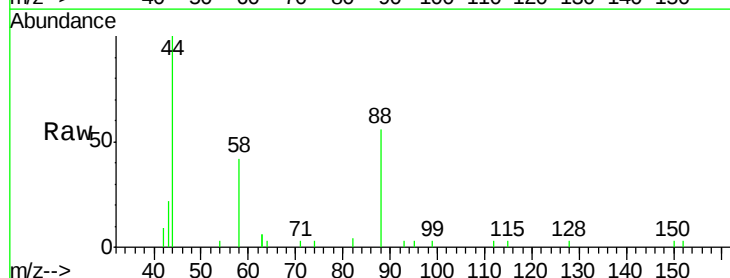
Tgt Ion: 88 Resp: 1050

Ion Ratio Lower Upper

88 100

58 85.5 63.2 94.8

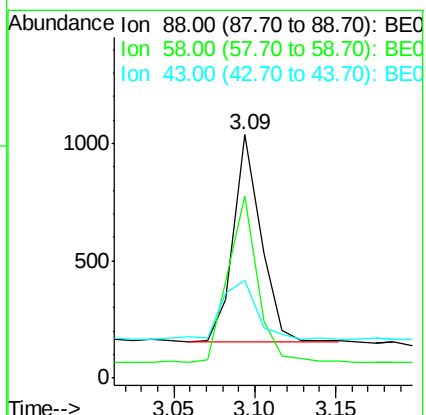
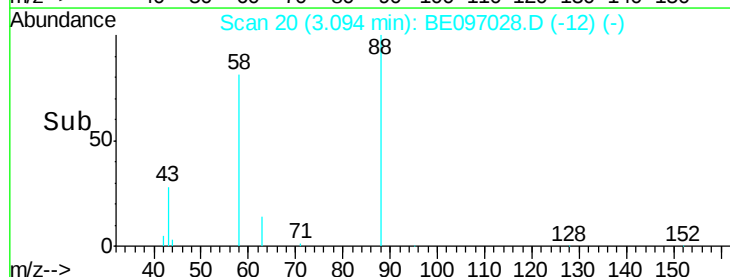
43 36.4 41.2 61.8#

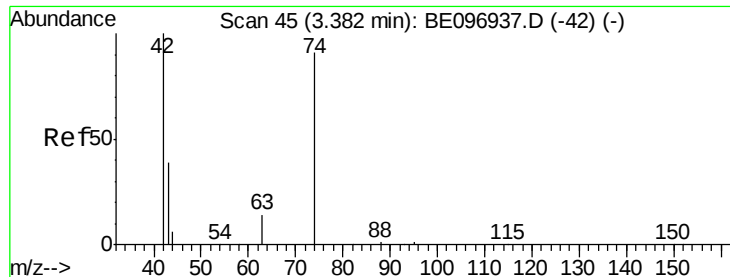


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.430 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

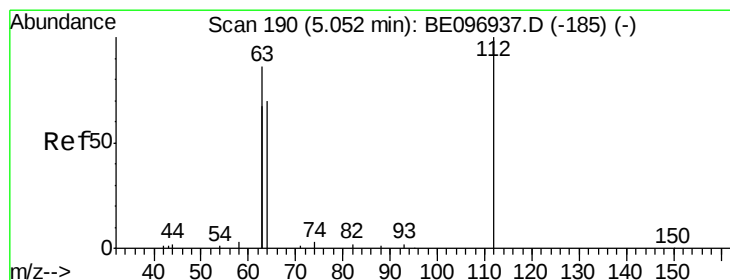
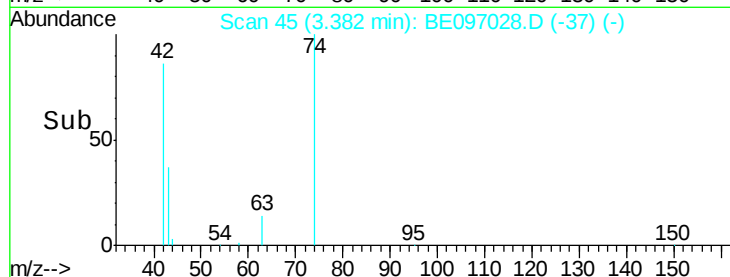
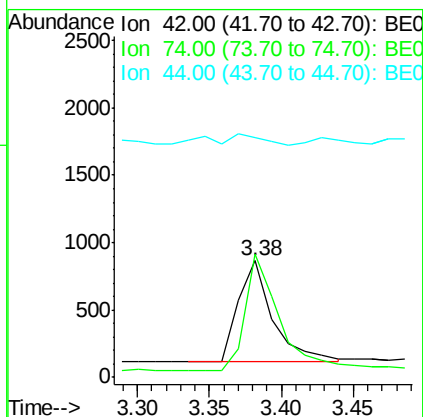
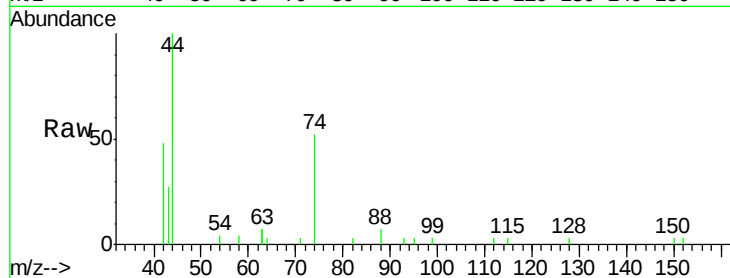
Tgt Ion: 42 Resp: 1271

Ion Ratio Lower Upper

42 100

74 109.0 96.0 144.0

44 9.6 12.0 18.0#



#4

2-Fluorophenol

Concen: 0.408 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

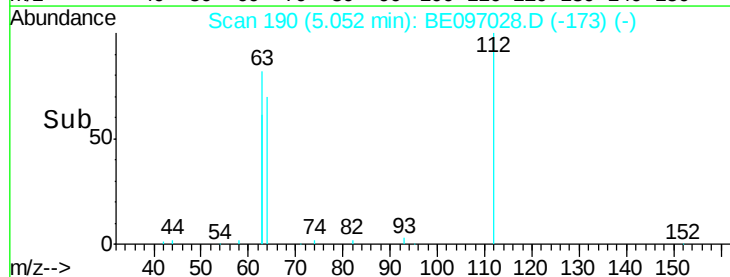
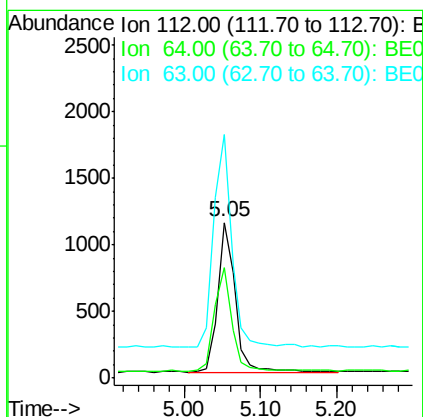
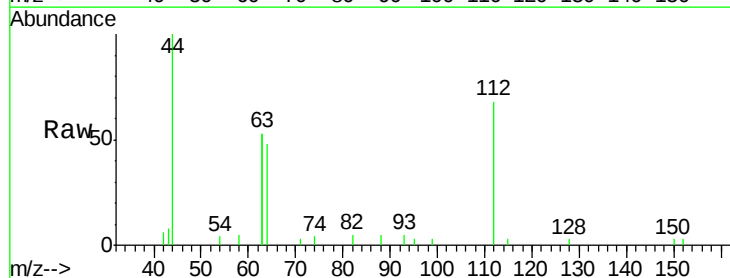
Tgt Ion: 112 Resp: 1788

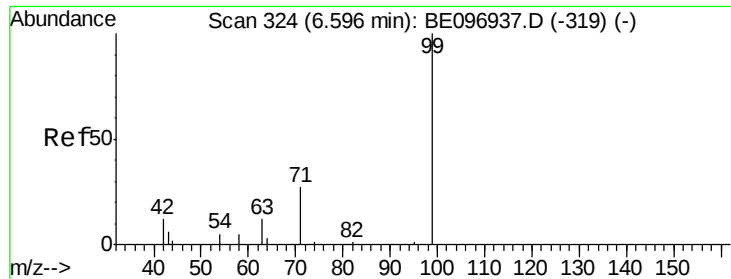
Ion Ratio Lower Upper

112 100

64 70.6 60.1 90.1

63 149.7 116.8 175.2





#5

Phenol-d6

Concen: 0.394 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

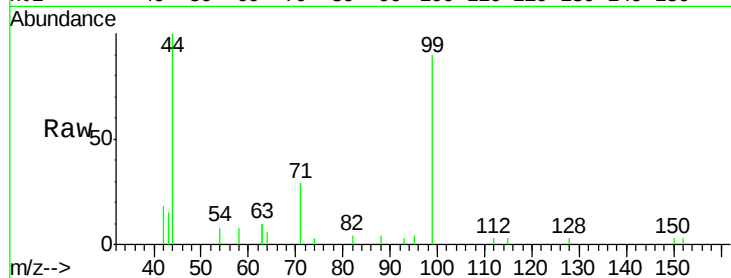
Tgt Ion: 99 Resp: 2639

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

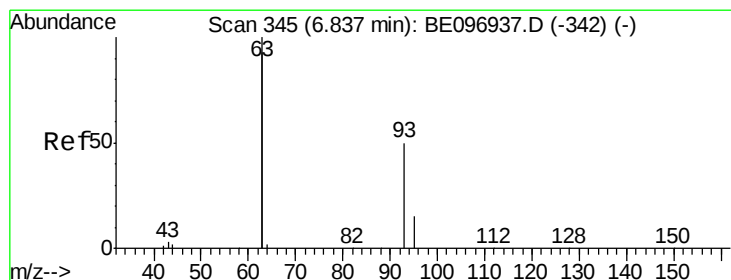
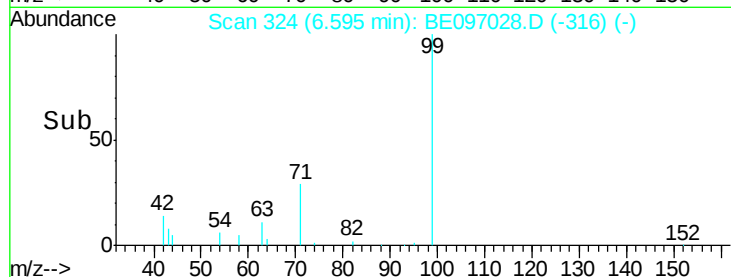
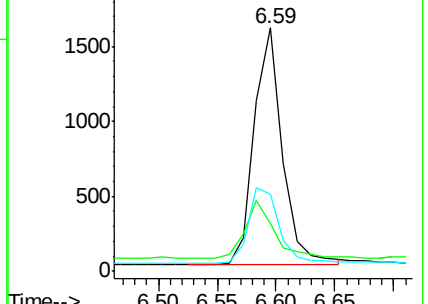
71 35.7 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.388 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

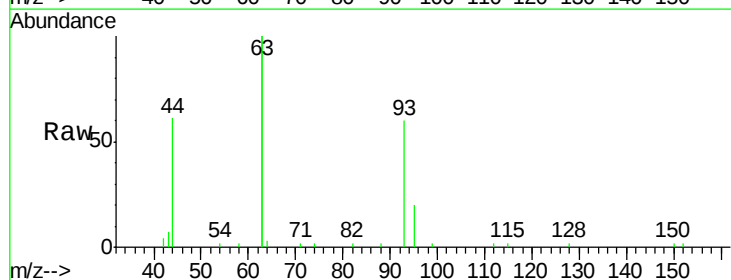
Tgt Ion: 93 Resp: 2549

Ion Ratio Lower Upper

93 100

63 342.6 275.3 412.9

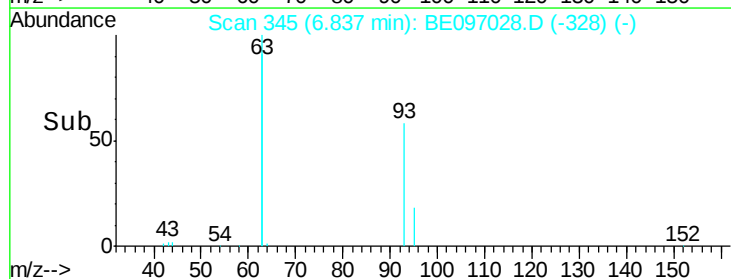
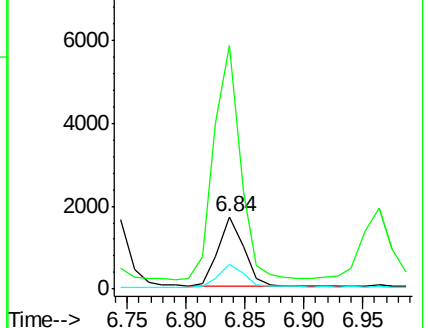
95 33.0 25.2 37.8

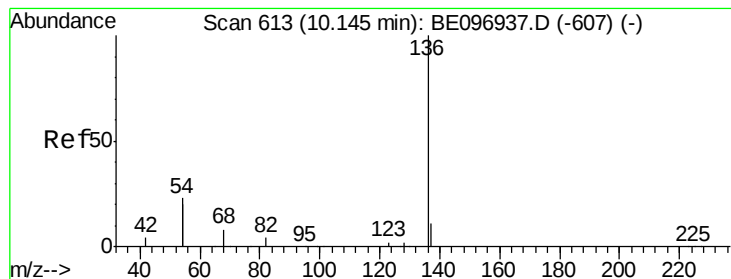


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 8711

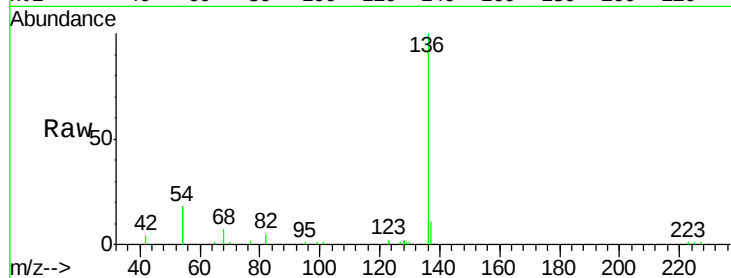
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 36.2 29.1 43.7

68 6.7 6.2 9.2

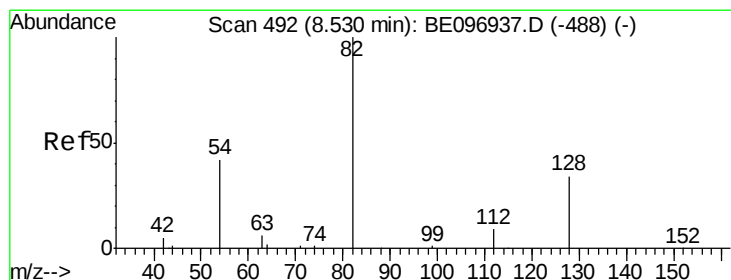
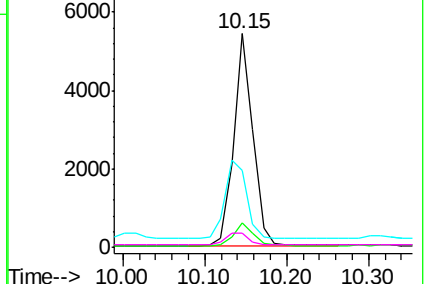
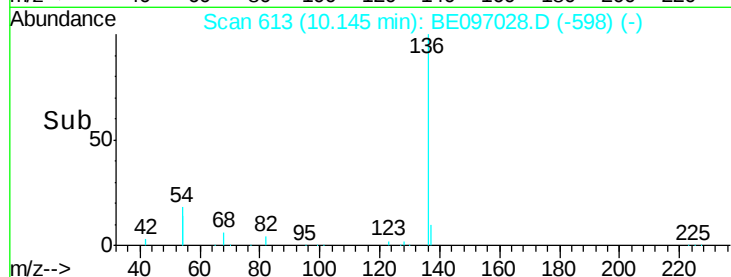


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.435 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

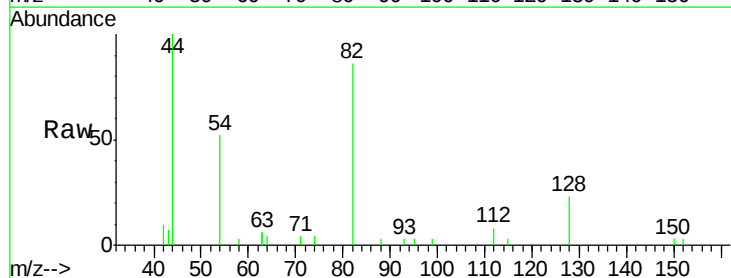
Tgt Ion: 82 Resp: 2763

Ion Ratio Lower Upper

82 100

128 26.7 24.0 36.0

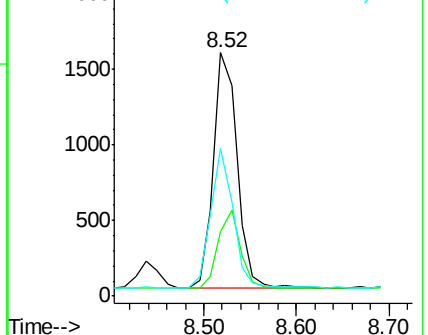
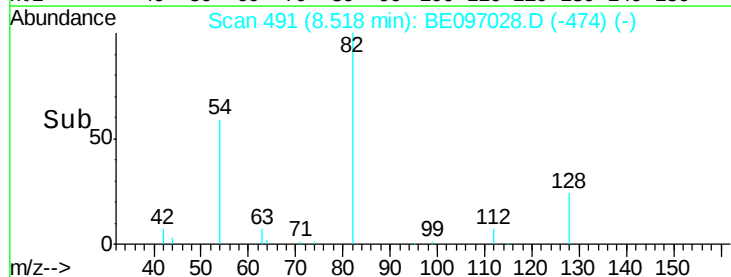
54 60.9 40.0 60.0#

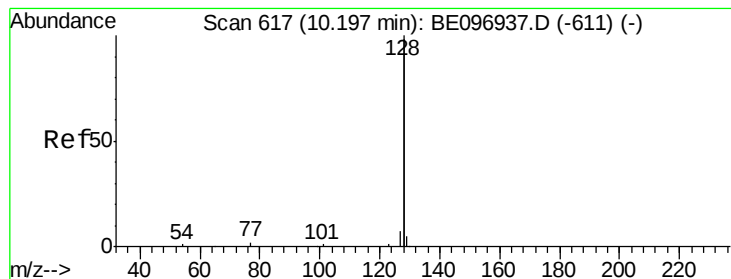


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.398 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

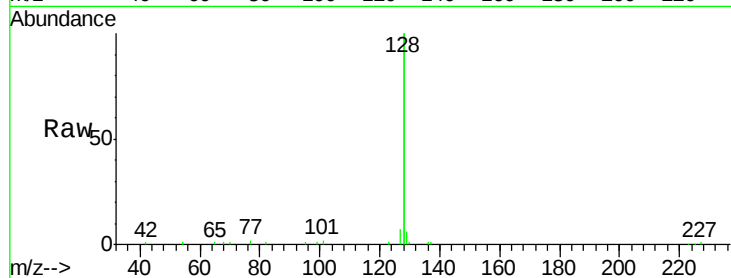
Tgt Ion:128 Resp: 31027

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

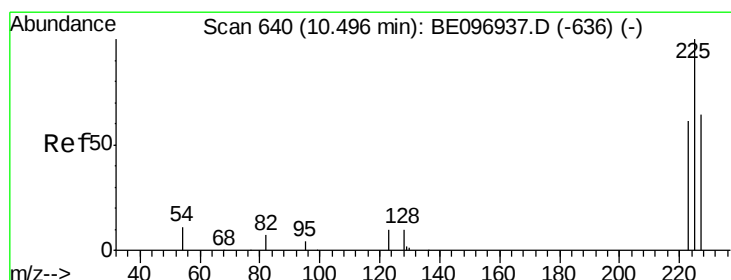
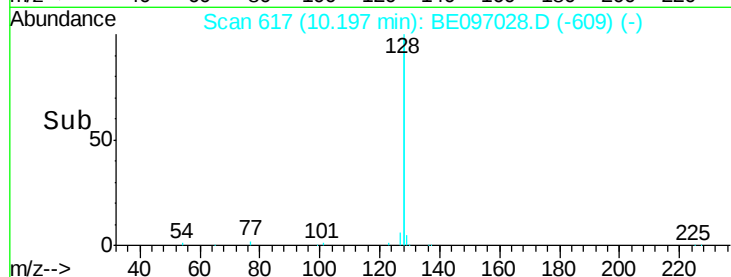
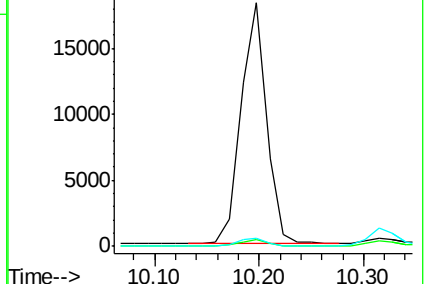
127 3.4 2.8 4.2



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: 0.449 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.01 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

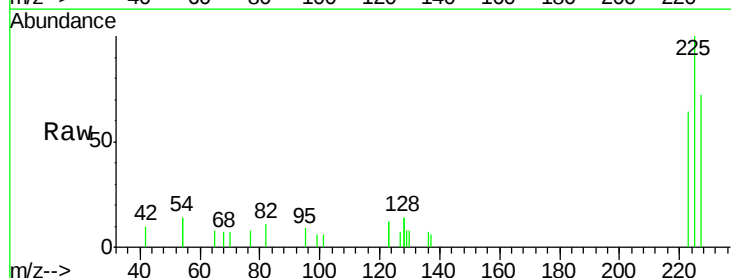
Tgt Ion:225 Resp: 1415

Ion Ratio Lower Upper

225 100

223 64.3 53.0 79.6

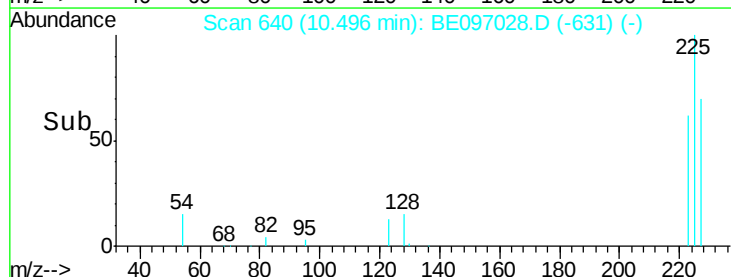
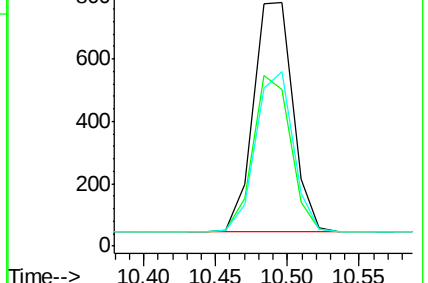
227 66.6 51.4 77.2

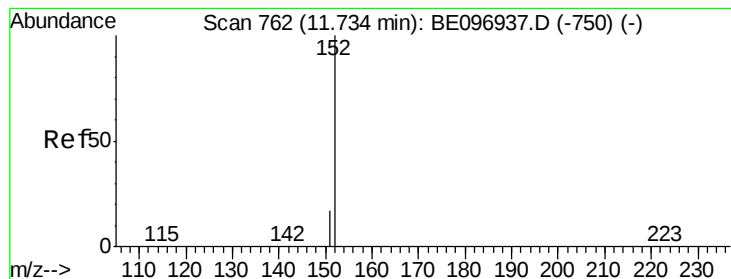


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

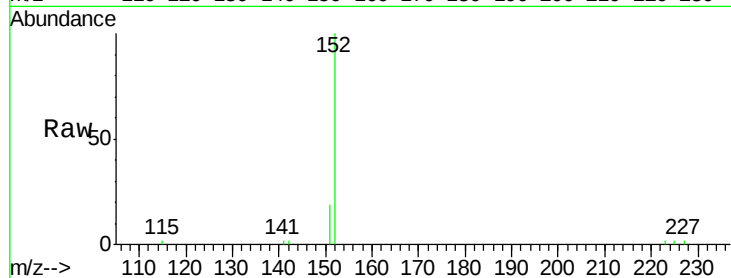
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4911

Ion Ratio Lower Upper

152 100

151 19.3 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

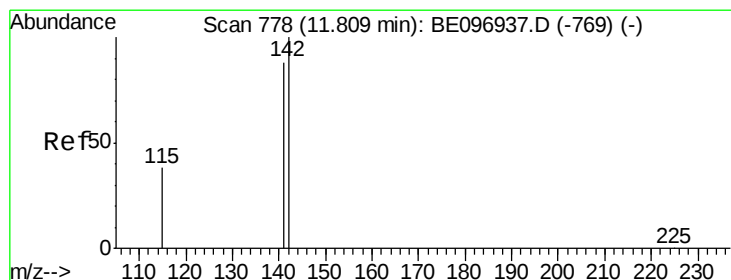
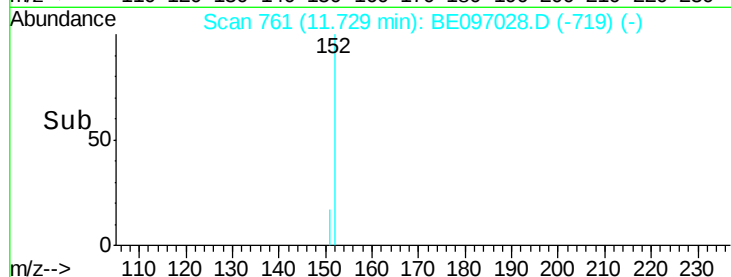
3000

2000

1000

0

Time--> 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 11.80 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

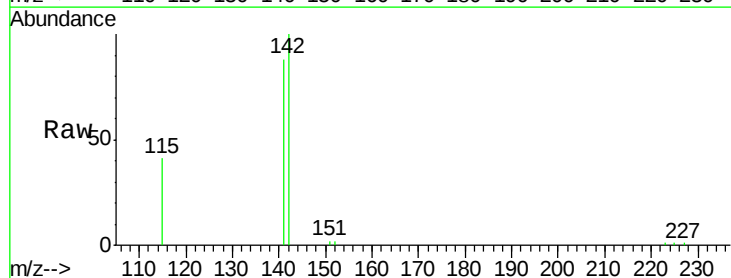
Tgt Ion:142 Resp: 5147

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

115 40.5 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

11.80

4000

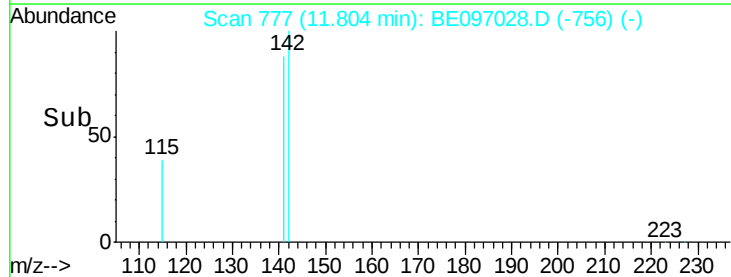
3000

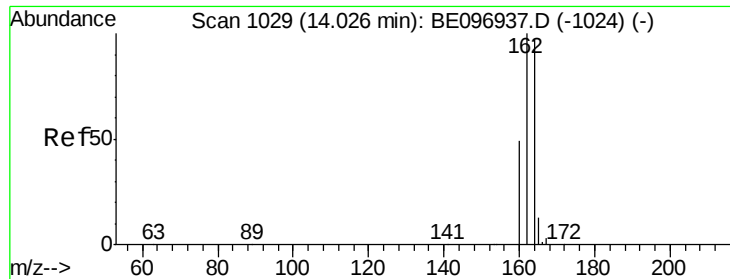
2000

1000

0

Time--> 11.80 11.90

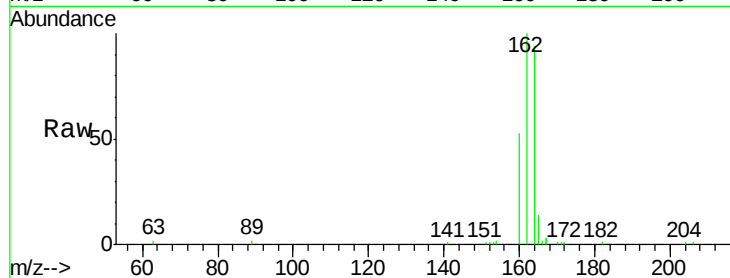




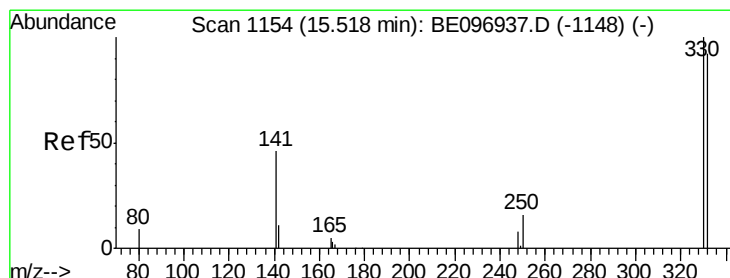
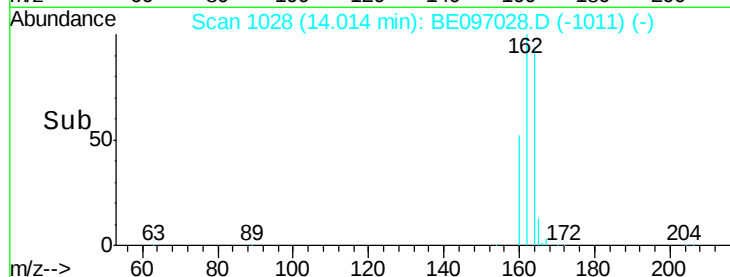
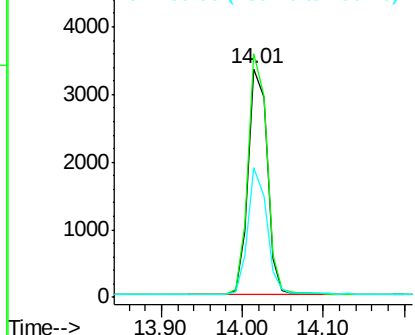
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE097028.D
 Acq: 20 Jul 2018 15:36

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 5446
 Ion Ratio Lower Upper
 164 100
 162 106.6 83.1 124.7
 160 56.5 37.1 55.7#

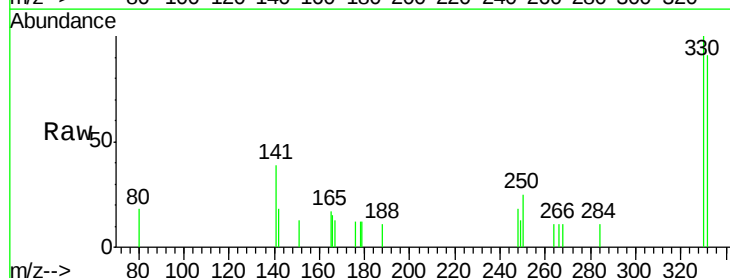


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

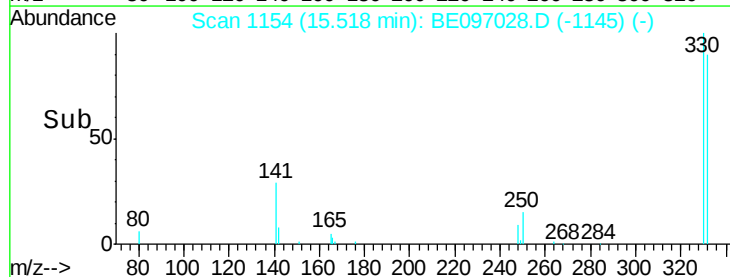
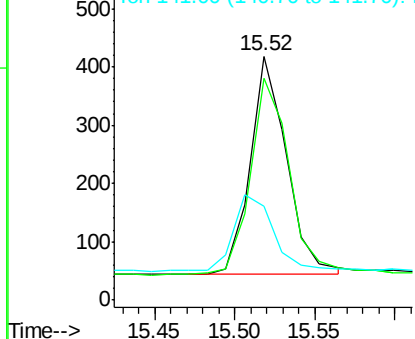


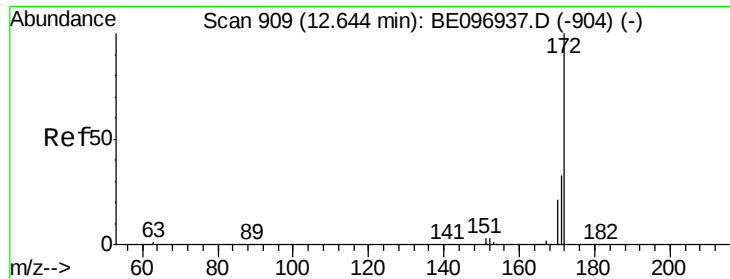
#14
 2,4,6-Tribromophenol
 Concen: 0.481 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097028.D
 Acq: 20 Jul 2018 15:36

Tgt Ion:330 Resp: 591
 Ion Ratio Lower Upper
 330 100
 332 96.3 152.7 229.1#
 141 37.6 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

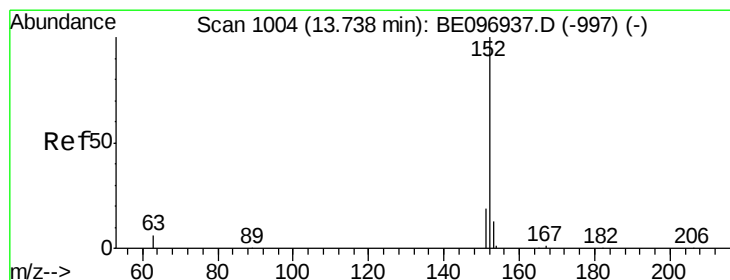
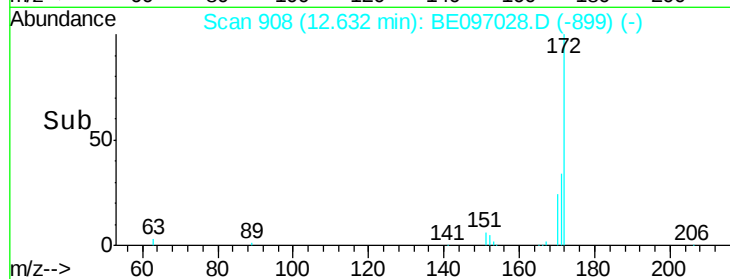
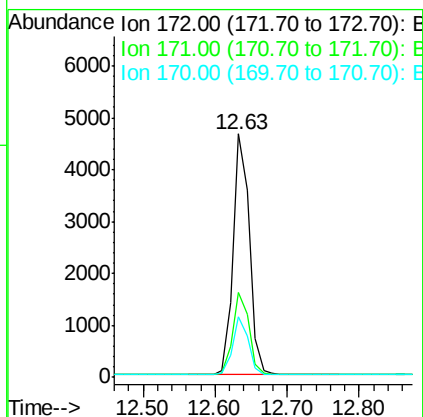
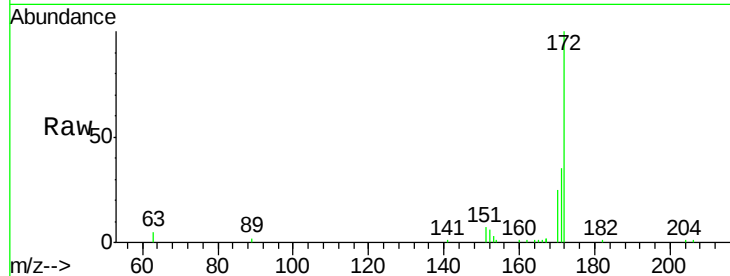




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097028.D
Acq: 20 Jul 2018 15:36

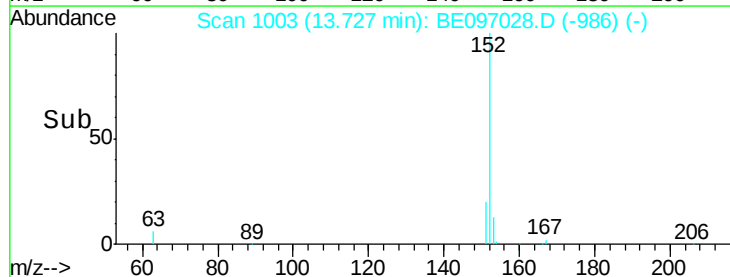
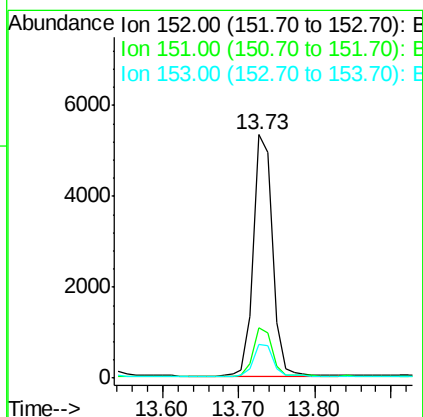
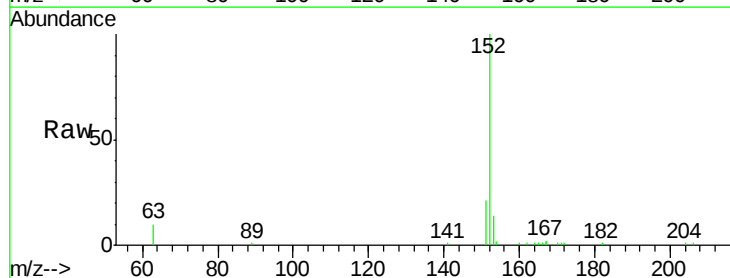
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

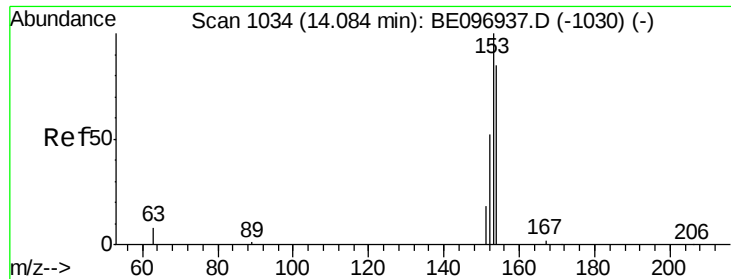
Tgt Ion:172 Resp: 7316
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 24.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097028.D
Acq: 20 Jul 2018 15:36

Tgt Ion:152 Resp: 9151
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.1 10.5 15.7

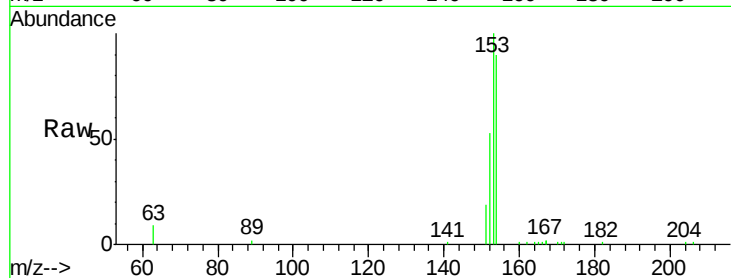




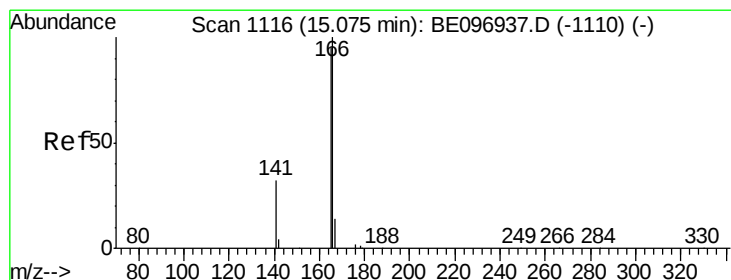
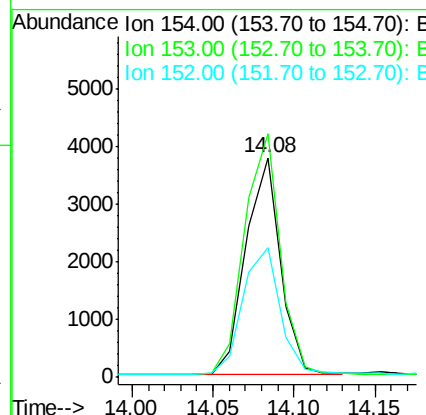
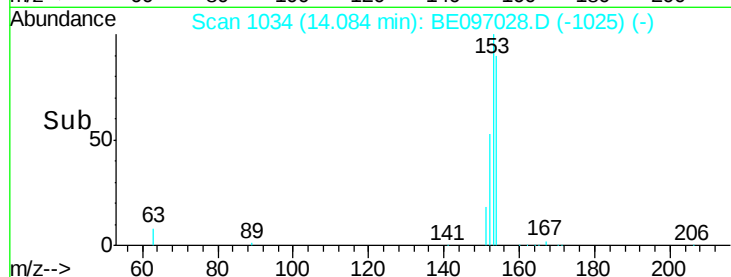
#17
Acenaphthene
Concen: 0.362 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097028.D
Acq: 20 Jul 2018 15:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5596
Ion Ratio Lower Upper
154 100
153 114.1 89.2 133.8
152 63.1 42.0 63.0#

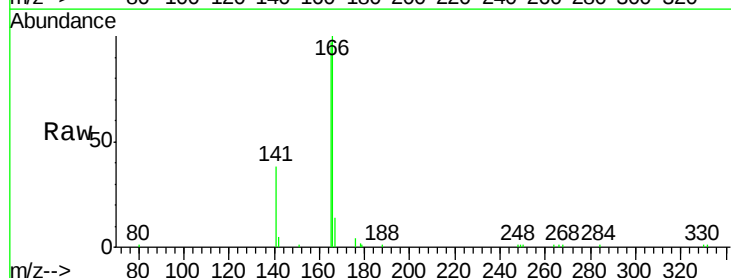


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

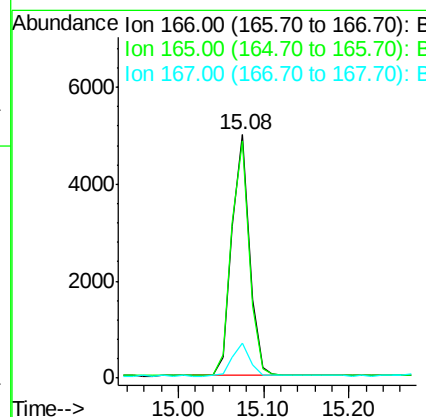
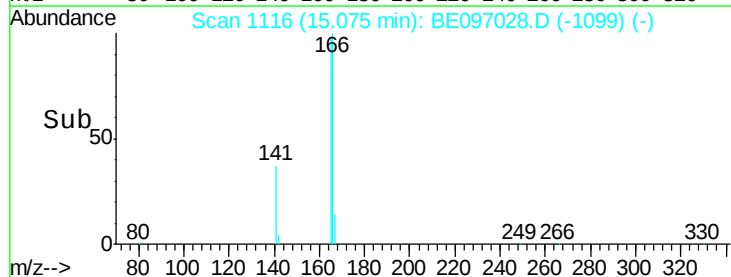


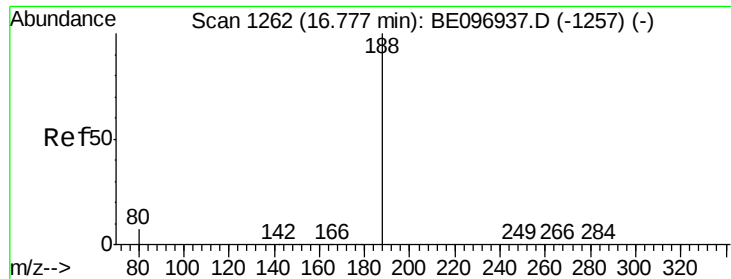
#18
Fluorene
Concen: 0.415 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097028.D
Acq: 20 Jul 2018 15:36

Tgt Ion:166 Resp: 7205
Ion Ratio Lower Upper
166 100
165 98.7 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: 16.76 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

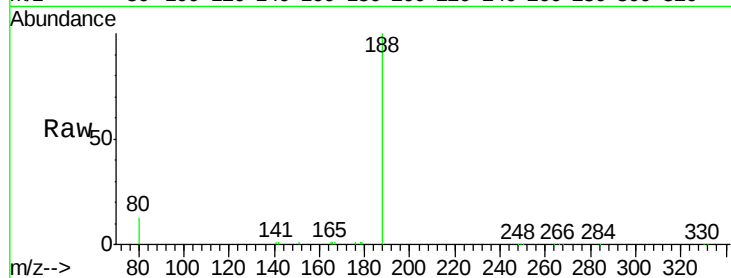
Tgt Ion:188 Resp: 14766

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

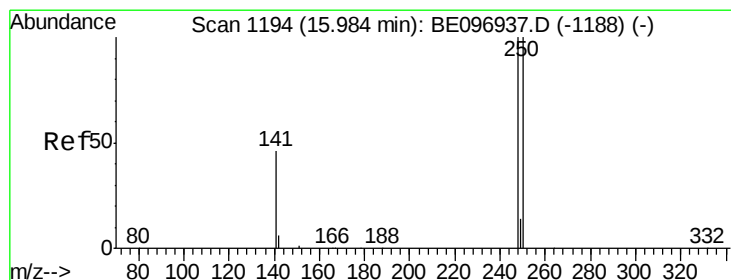
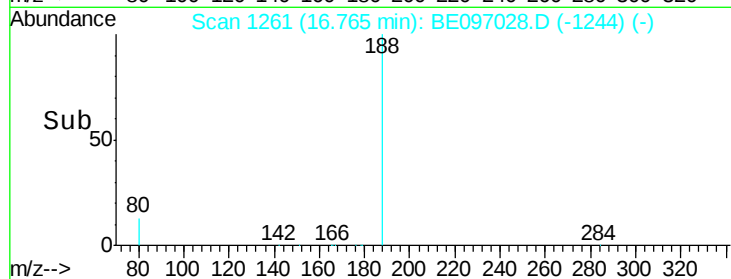
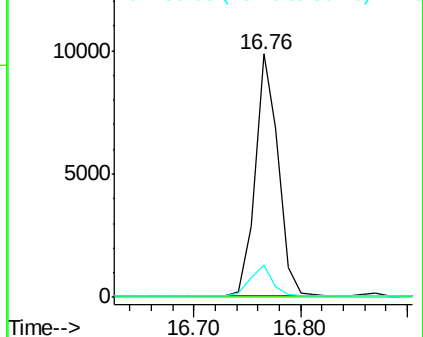
80 13.2 3.6 5.4#



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: 0.393 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

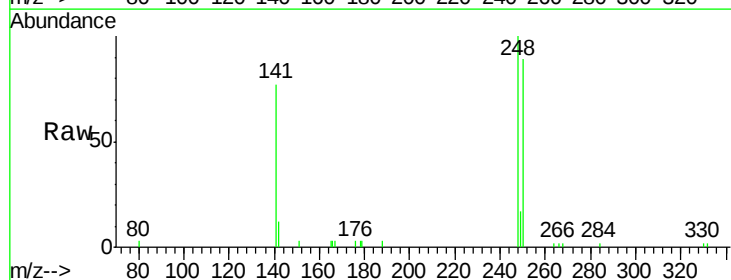
Tgt Ion:248 Resp: 2745

Ion Ratio Lower Upper

248 100

250 89.3 62.7 94.1

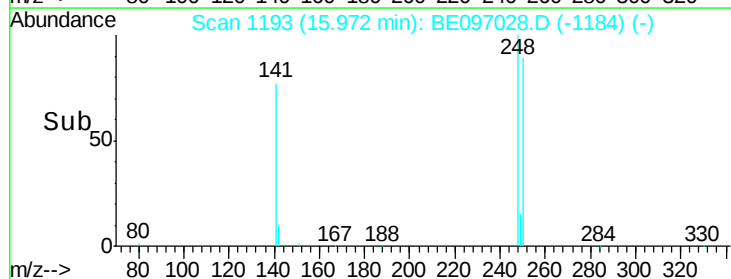
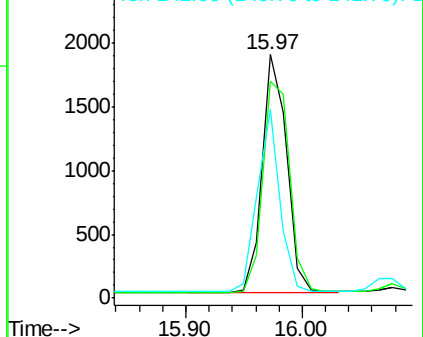
141 77.4 48.2 72.2#

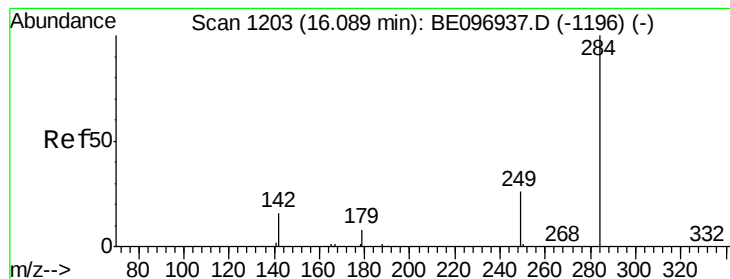


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

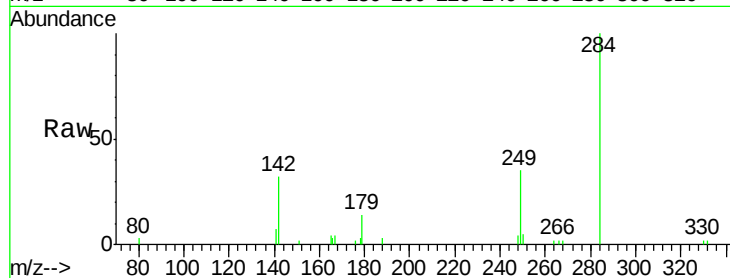
Tgt Ion:284 Resp: 3061

Ion Ratio Lower Upper

284 100

142 34.3 22.1 33.1#

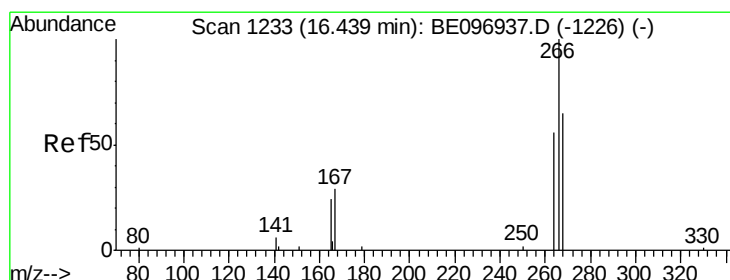
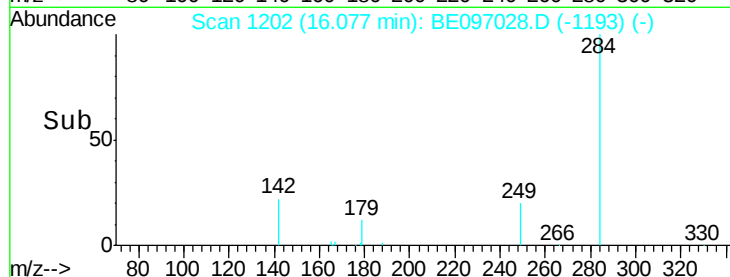
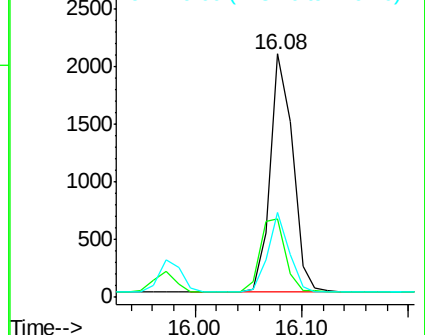
249 30.9 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.553 ng

RT: 16.43 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

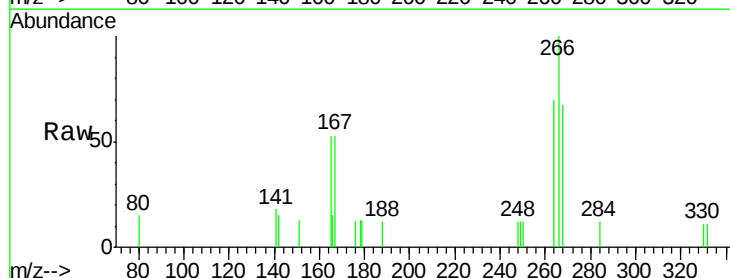
Tgt Ion:266 Resp: 654

Ion Ratio Lower Upper

266 100

264 69.5 72.5 108.7#

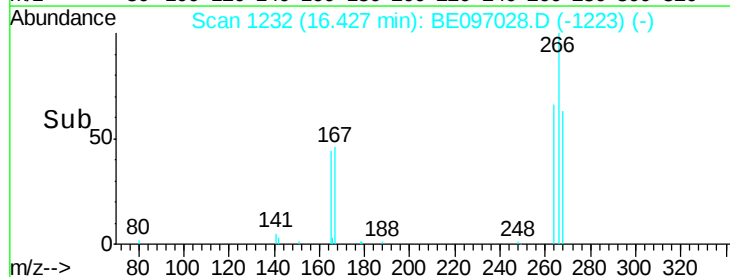
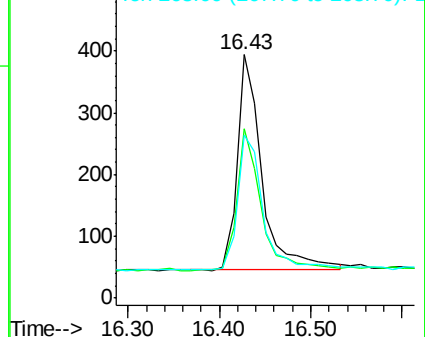
268 66.8 73.8 110.6#

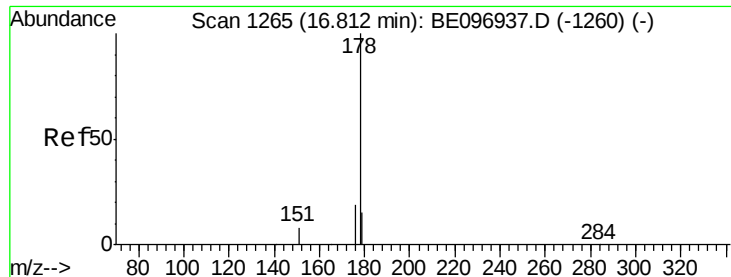


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

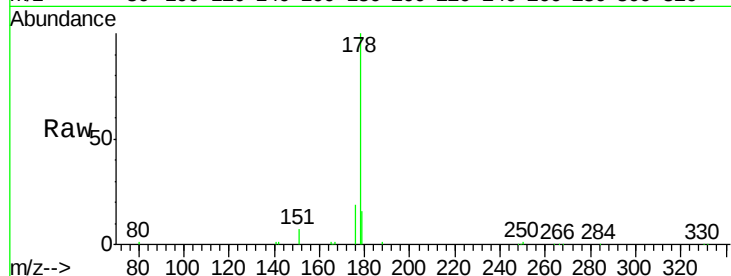
Tgt Ion:178 Resp: 13838

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

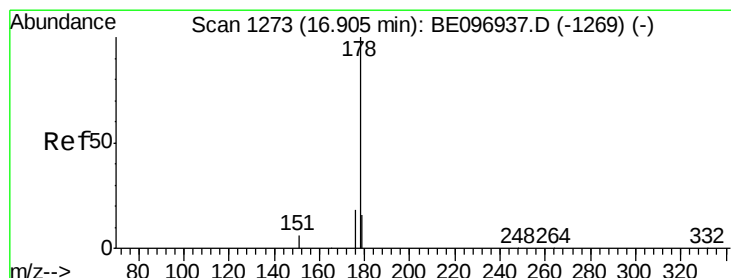
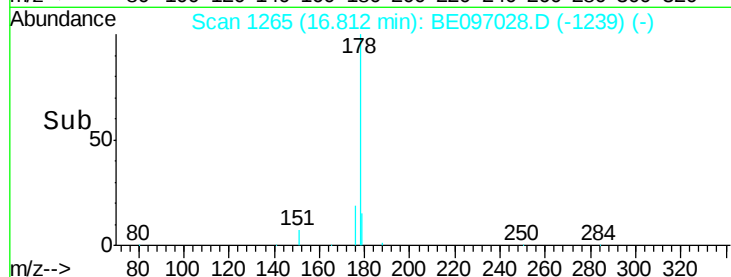
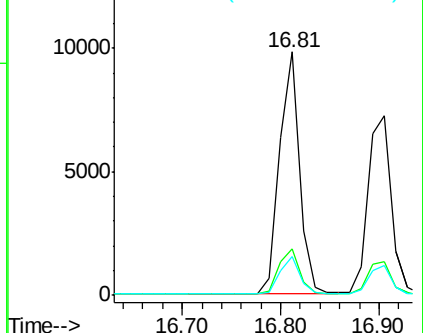
179 15.3 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.384 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

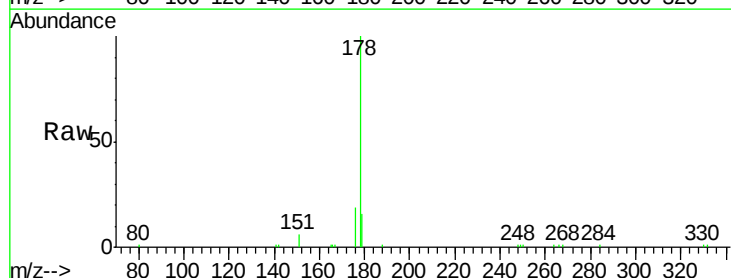
Tgt Ion:178 Resp: 11804

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

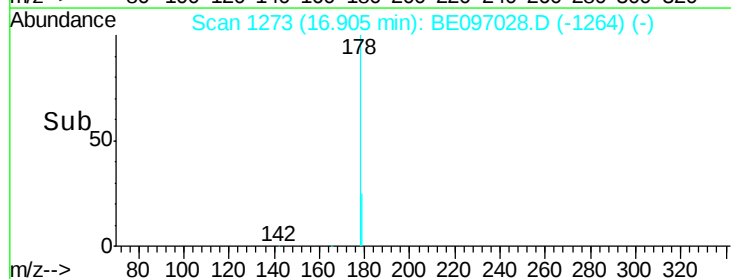
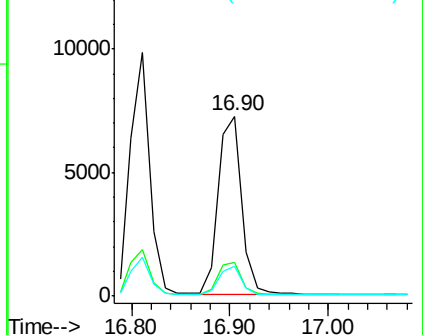
179 15.3 13.0 19.6

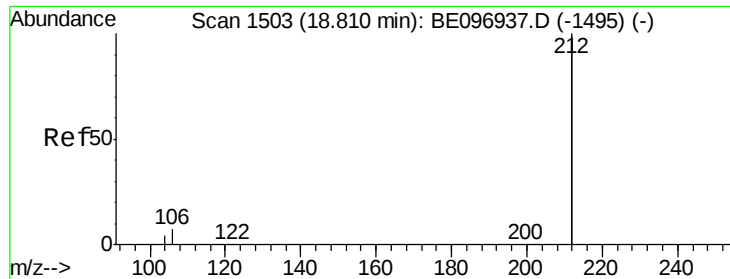


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

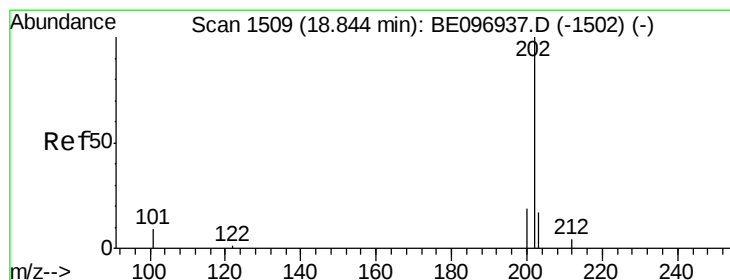
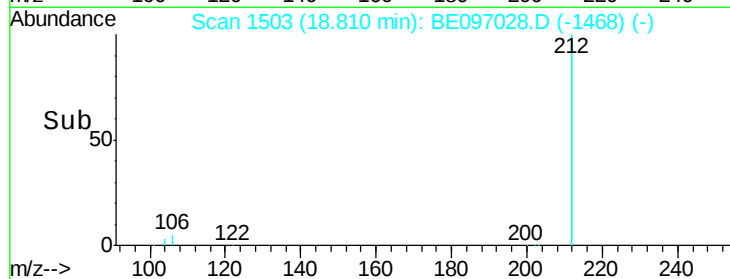
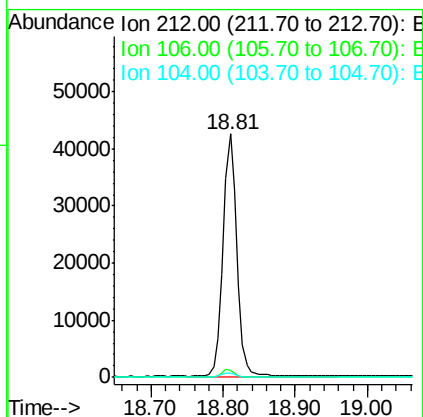
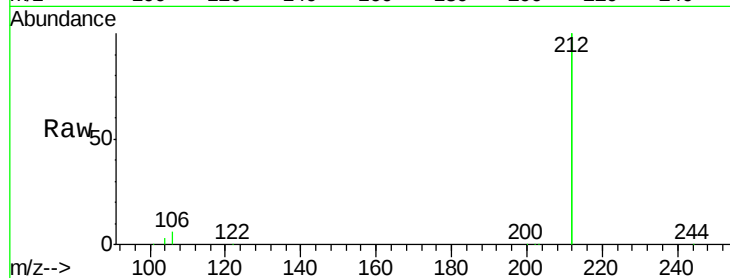




#25
 Fluoranthene-d10
 Concen: 0.438 ng
 RT: 18.81 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BE097028.D
 Acq: 20 Jul 2018 15:36

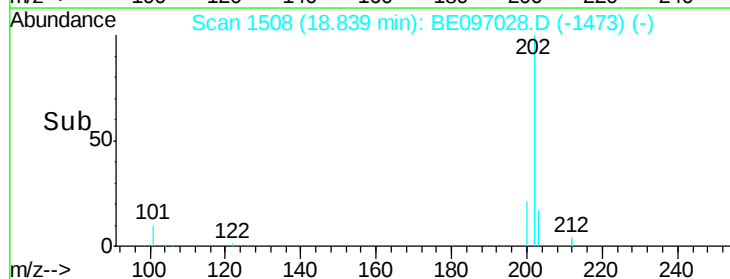
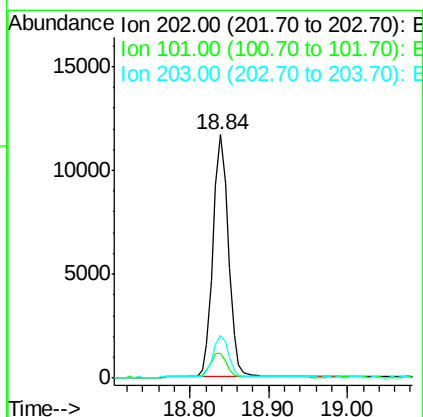
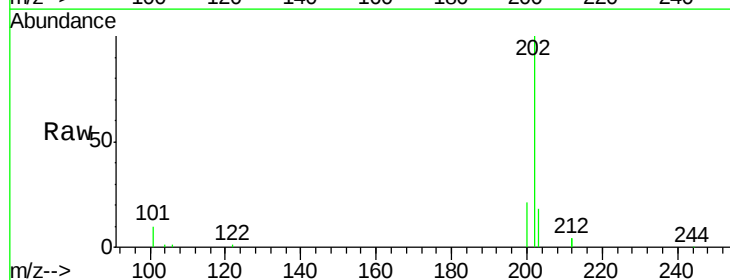
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

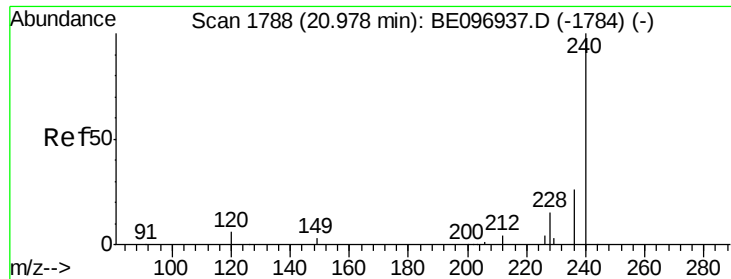
Tgt Ion: 212 Resp: 56322
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.8 1.6 2.4



#26
 Fluoranthene
 Concen: 0.420 ng
 RT: 18.84 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BE097028.D
 Acq: 20 Jul 2018 15:36

Tgt Ion: 202 Resp: 15680
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.8 14.8
 203 17.3 13.7 20.5

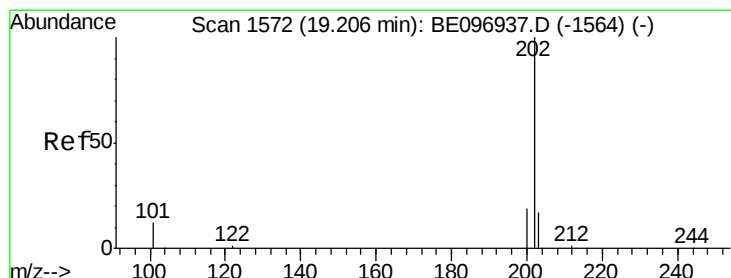
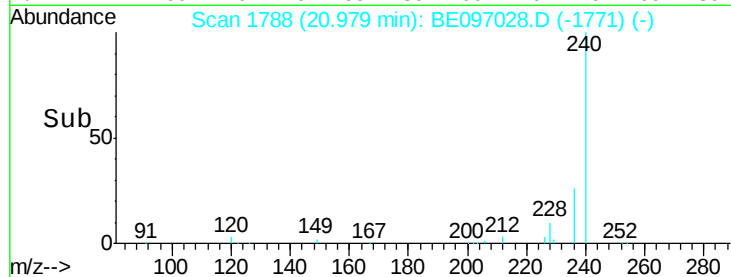
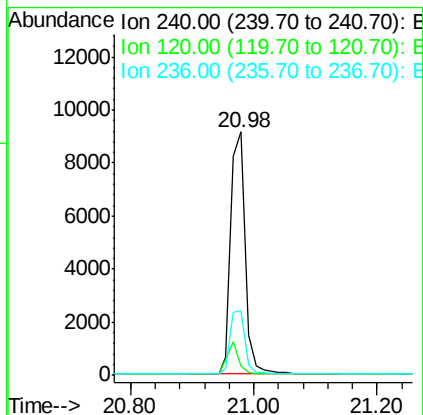
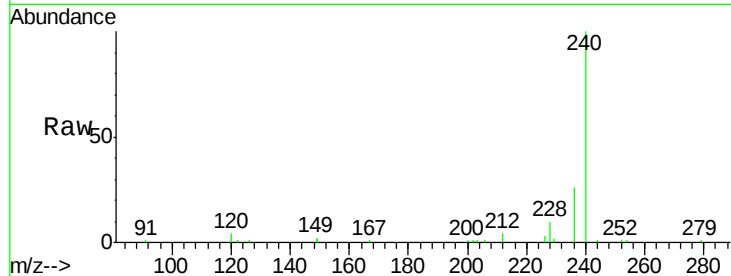




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097028.D
 Acq: 20 Jul 2018 15:36

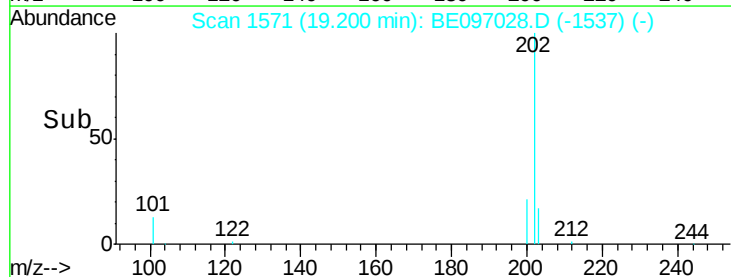
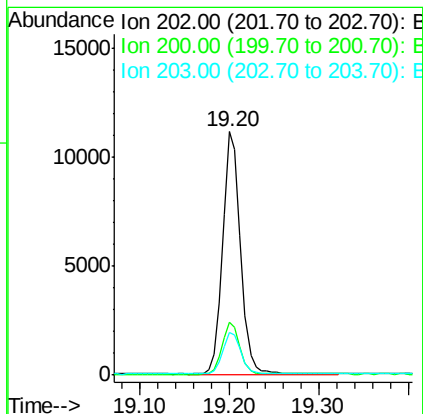
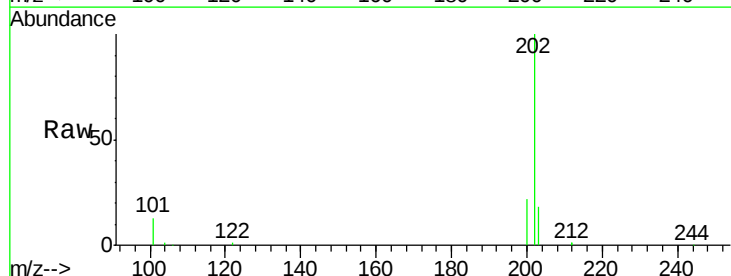
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

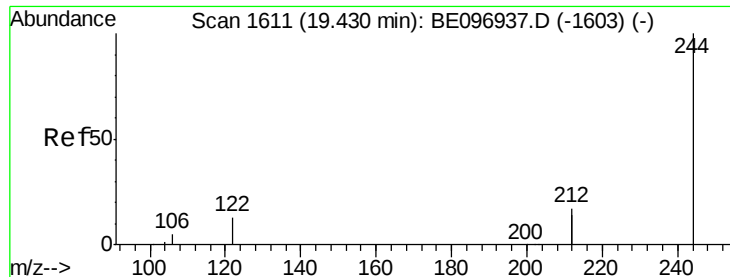
Tgt Ion:240 Resp: 14830
 Ion Ratio Lower Upper
 240 100
 120 4.0 5.5 8.3#
 236 26.4 20.7 31.1



#28
 Pyrene
 Concen: 0.348 ng
 RT: 19.20 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BE097028.D
 Acq: 20 Jul 2018 15:36

Tgt Ion:202 Resp: 15241
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.6 25.0
 203 17.6 13.8 20.8





#29

Terphenyl-d14

Concen: 0.372 ng

RT: 19.43 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

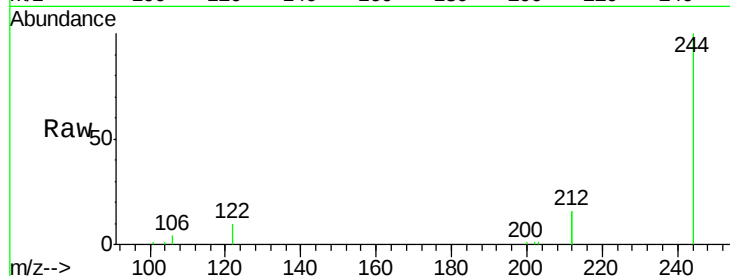
Tgt Ion:244 Resp: 10650

Ion Ratio Lower Upper

244 100

212 32.7 25.4 38.0

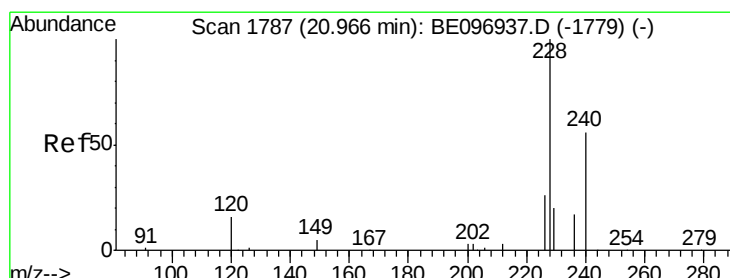
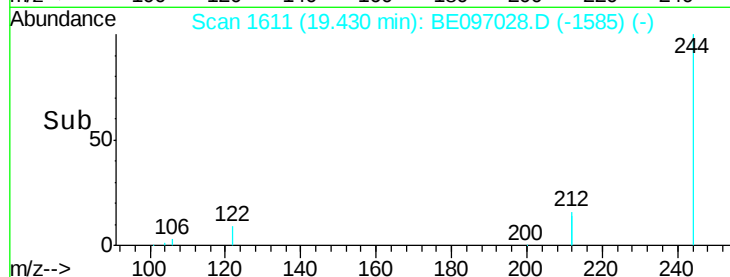
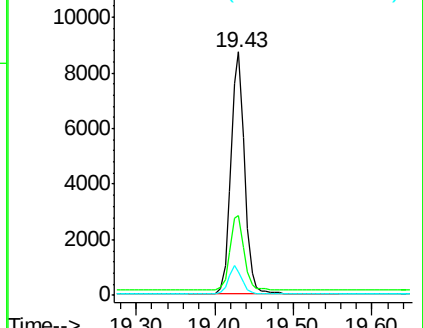
122 9.9 8.1 12.1



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: 0.380 ng

RT: 20.95 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

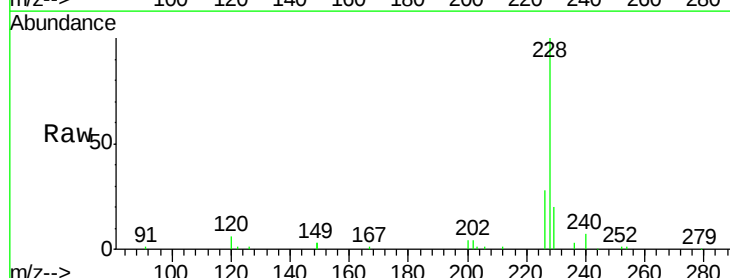
Tgt Ion:228 Resp: 13422

Ion Ratio Lower Upper

228 100

226 28.1 24.0 36.0

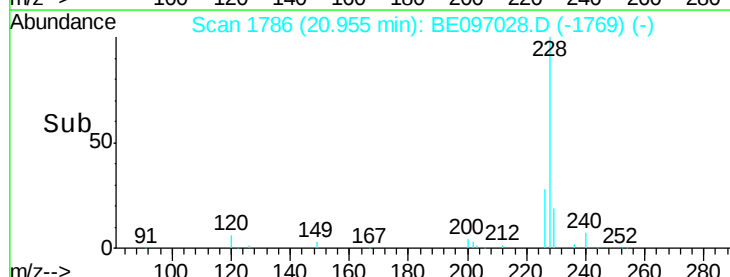
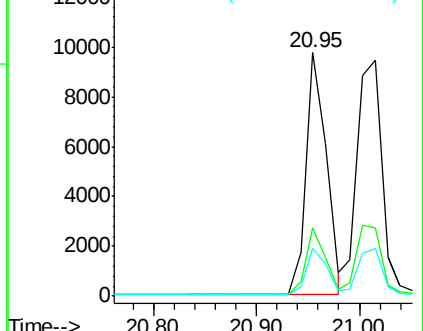
229 19.6 16.0 24.0

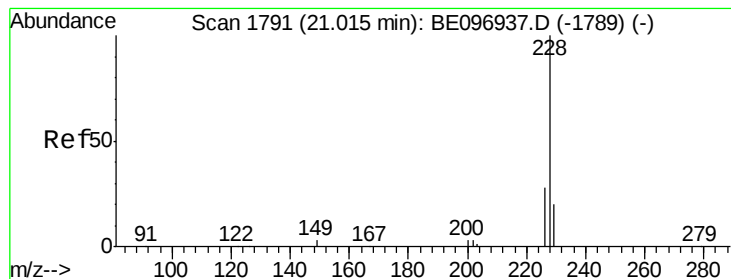


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

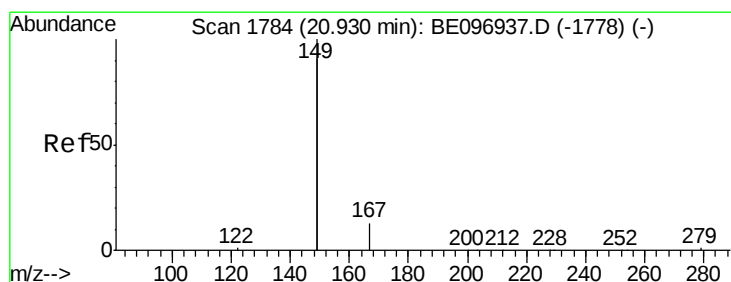
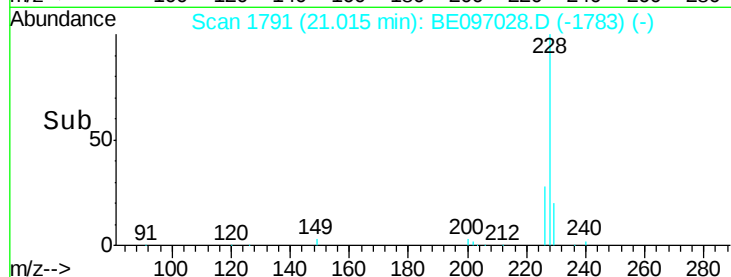
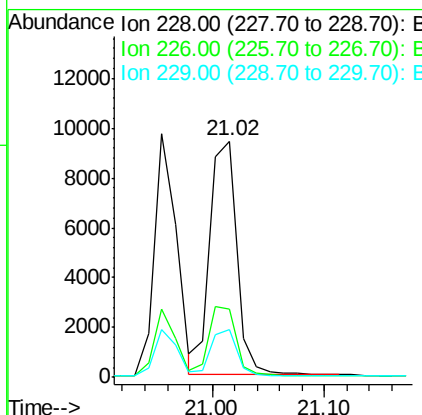
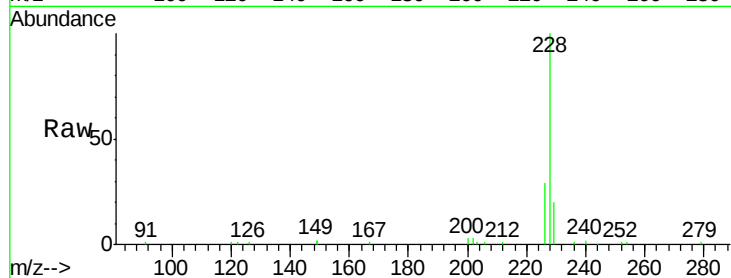




#31
 Chrysene
 Concen: 0.396 ng
 RT: 21.02 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BE097028.D
 Acq: 20 Jul 2018 15:36

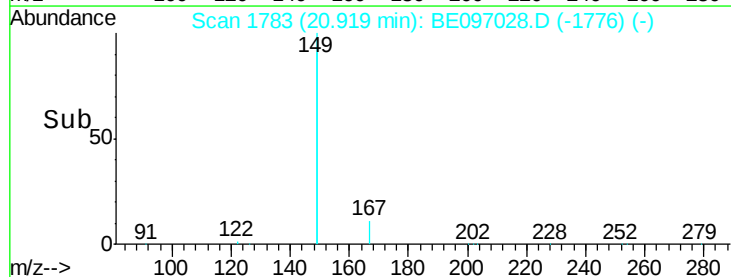
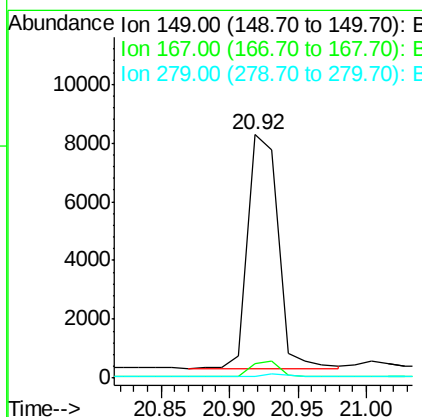
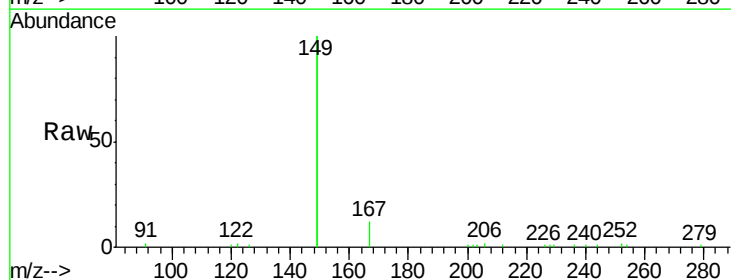
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

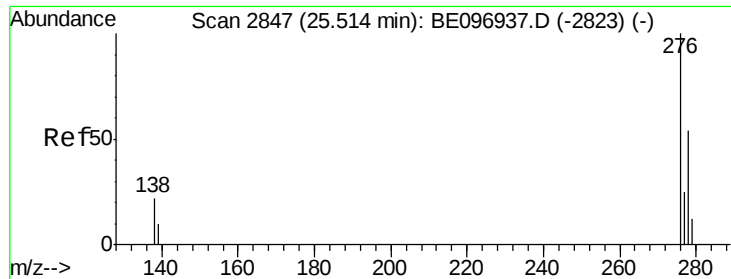
Tgt Ion: 228 Resp: 15677
 Ion Ratio Lower Upper
 228 100
 226 28.8 24.0 36.0
 229 20.3 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.346 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BE097028.D
 Acq: 20 Jul 2018 15:36

Tgt Ion: 149 Resp: 12191
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.493 ng

RT: 25.51 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

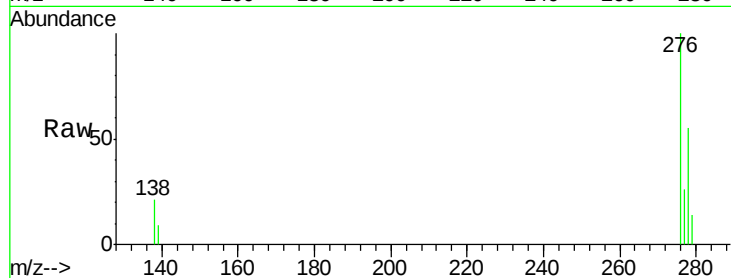
Tgt Ion:276 Resp: 14232

Ion Ratio Lower Upper

276 100

138 22.1 22.5 33.7#

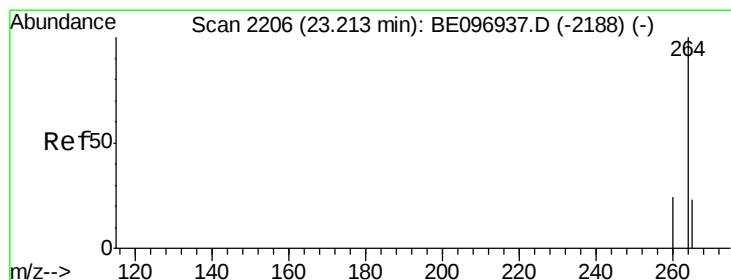
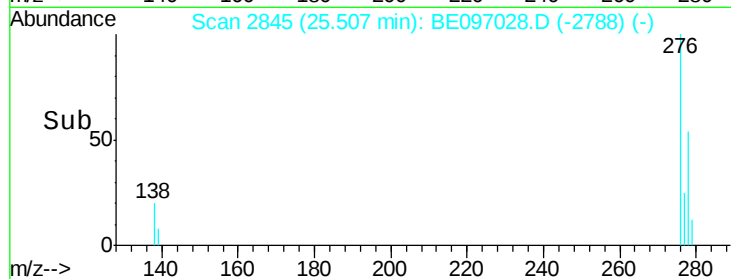
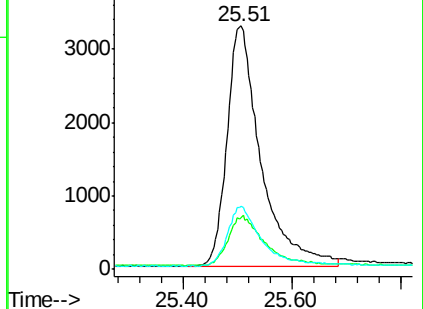
277 24.0 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

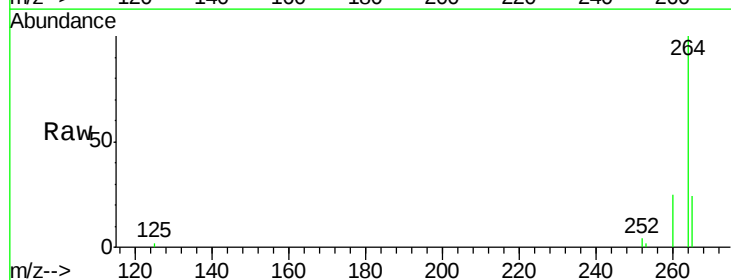
Tgt Ion:264 Resp: 13763

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

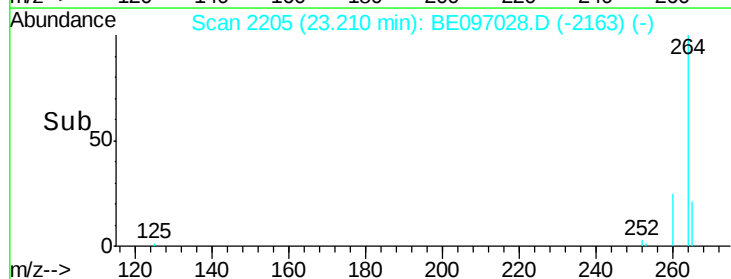
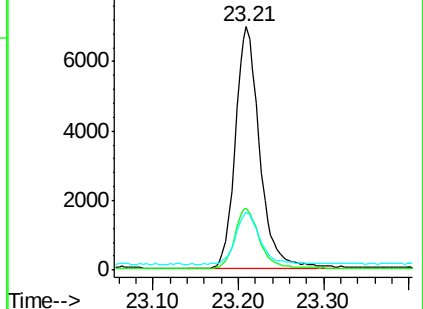
265 23.6 22.8 34.2

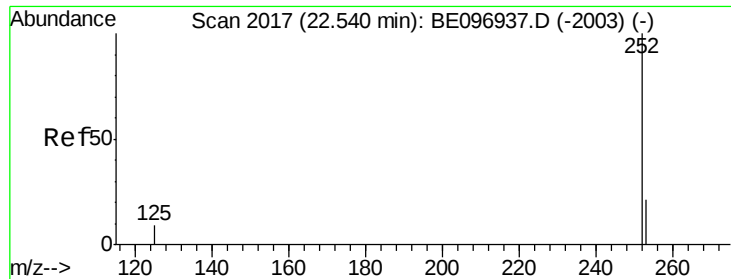


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.330 ng

RT: 22.54 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

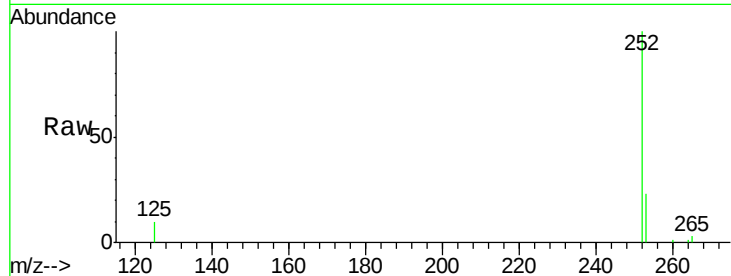
Tgt Ion:252 Resp: 11592

Ion Ratio Lower Upper

252 100

253 22.9 20.0 30.0

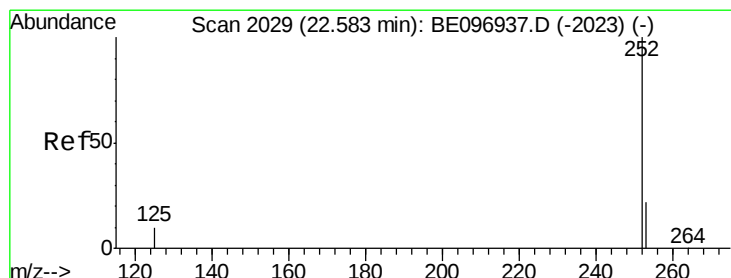
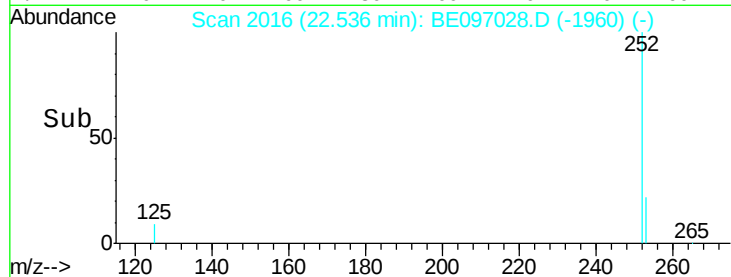
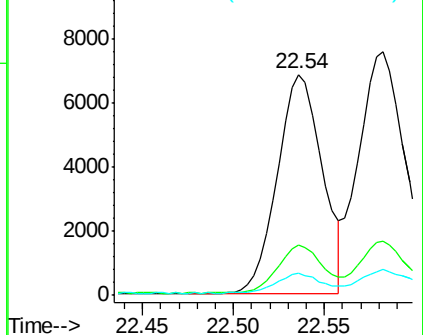
125 10.0 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 22.58 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

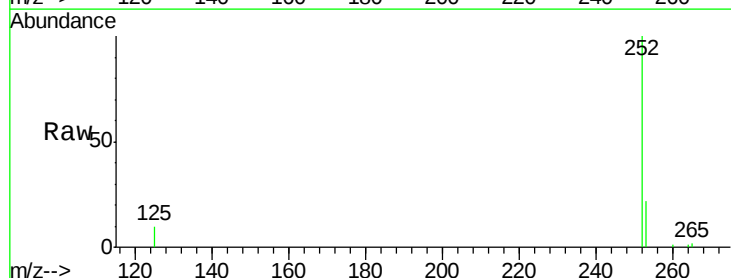
Tgt Ion:252 Resp: 14787

Ion Ratio Lower Upper

252 100

253 22.2 16.0 24.0

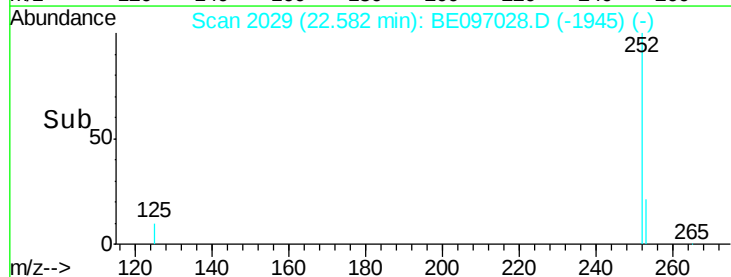
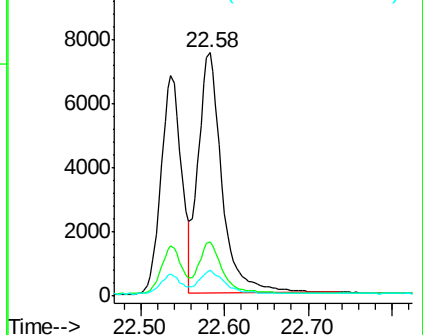
125 10.5 8.0 12.0

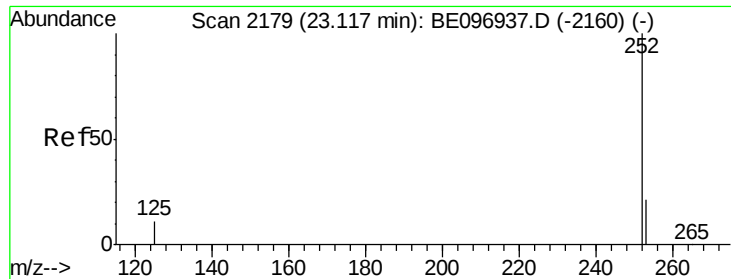


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

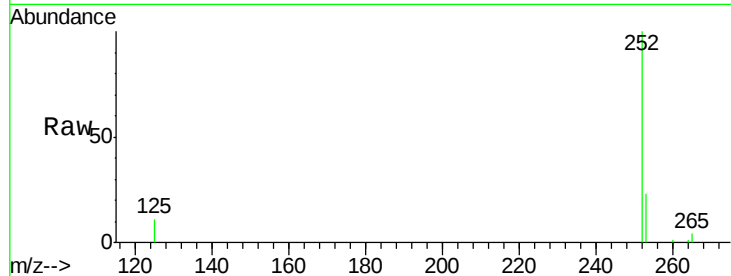
Tgt Ion:252 Resp: 10917

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

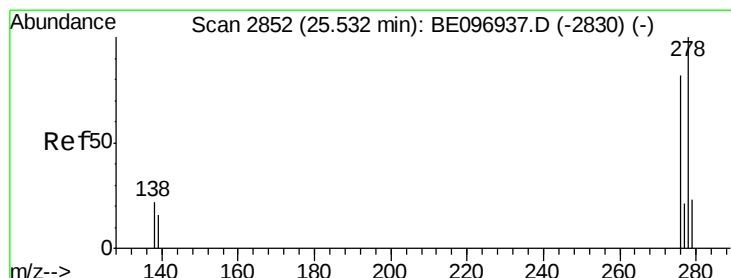
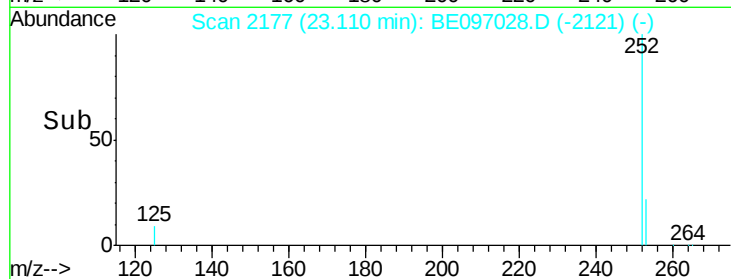
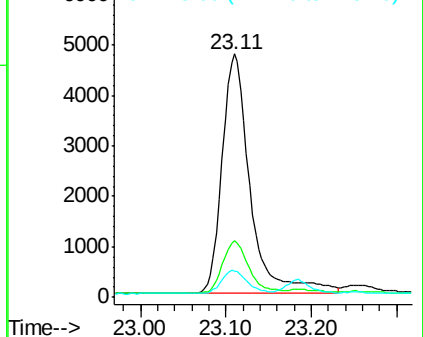
125 10.8 12.0 18.0#



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: 0.474 ng

RT: 25.53 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE097028.D

Acq: 20 Jul 2018 15:36

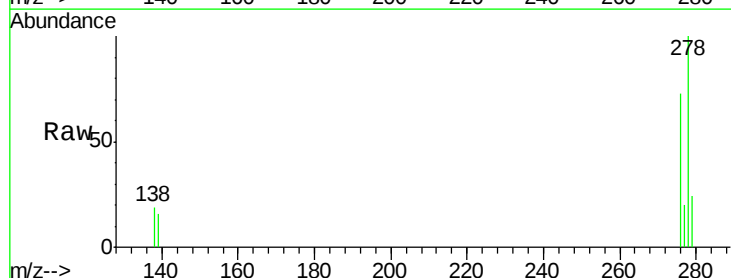
Tgt Ion:278 Resp: 12239

Ion Ratio Lower Upper

278 100

139 16.0 16.0 24.0#

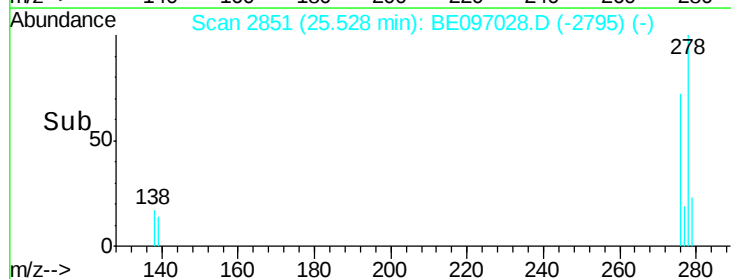
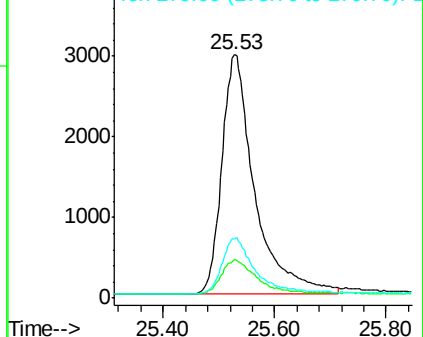
279 24.5 20.0 30.0

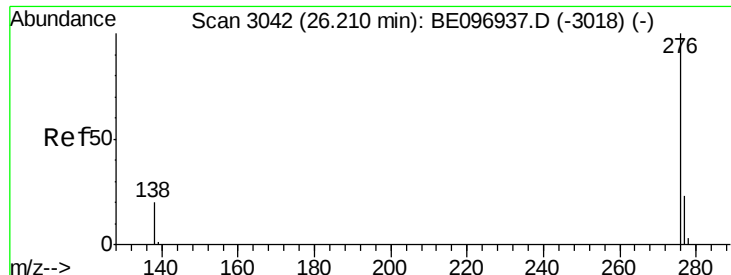


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.433 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE097028.D

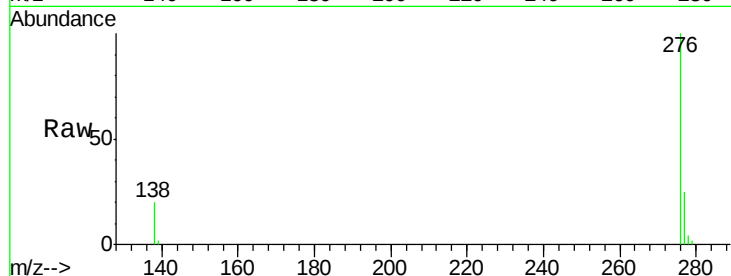
Acq: 20 Jul 2018 15:36

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



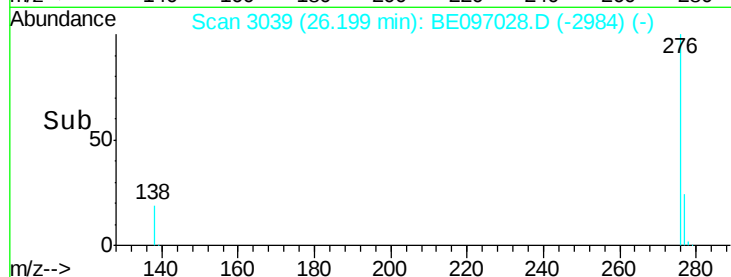
Tgt Ion: 276 Resp: 12358

Ion Ratio Lower Upper

276 100

277 25.0 16.0 24.0#

138 20.1 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

