

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 :
 SSTDCCC0.4

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

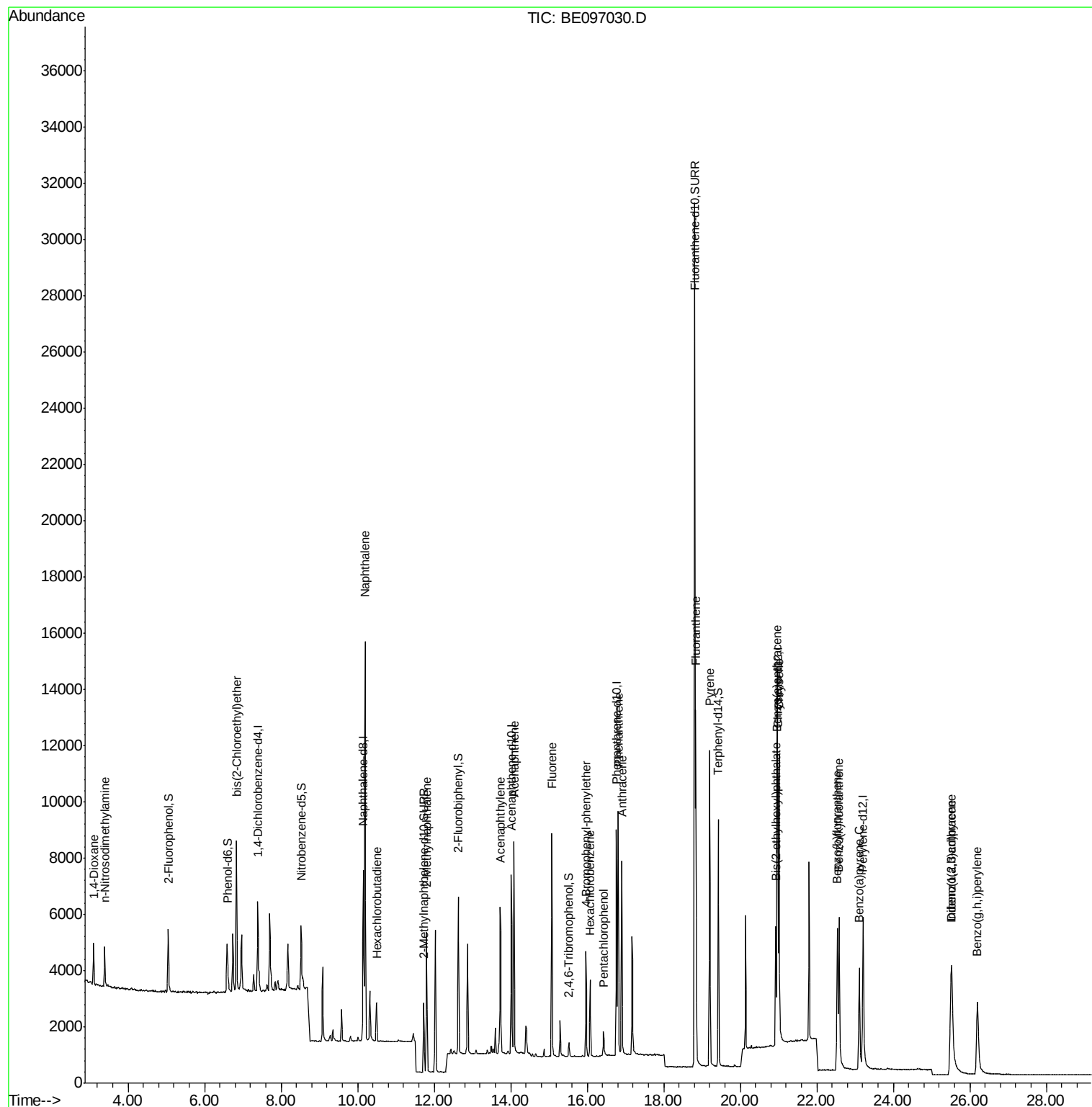
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	923	0.464	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	939	0.419	ng	# 87
6) bis(2-Chloroethyl)ether	6.84	93	1873	0.376	ng	98
9) Naphthalene	10.20	128	22428	0.395	ng	100
10) Hexachlorobutadiene	10.50	225	1081	0.471	ng	96
12) 2-Methylnaphthalene	11.80	142	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

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





#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 :

SSTDCCC0.4

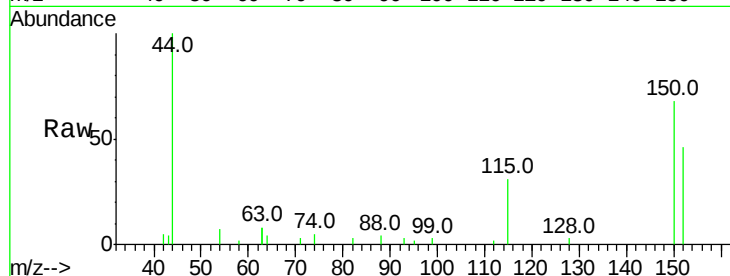
Tot Ion:152 Resp: 1391

Ion Ratio Lower Upper

152 100

150 147.5 117.2 175.8

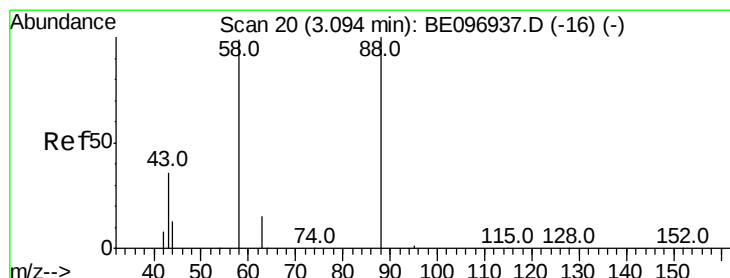
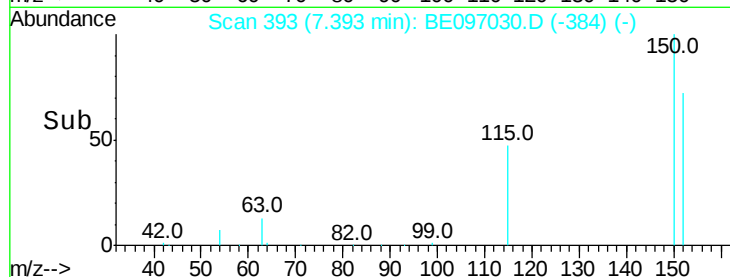
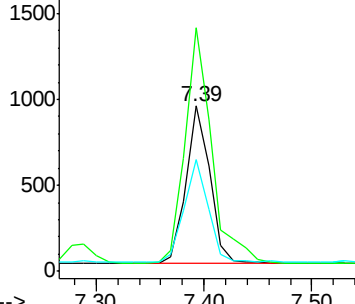
115 67.7 57.0 85.6



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

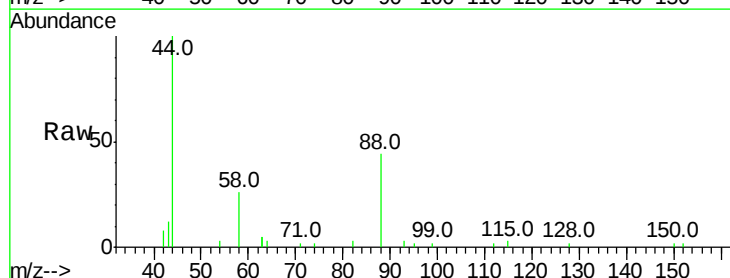
Tgt Ion: 88 Resp: 923

Ion Ratio Lower Upper

88 100

58 79.4 63.2 94.8

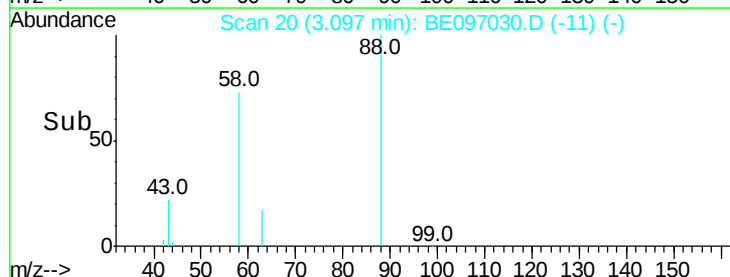
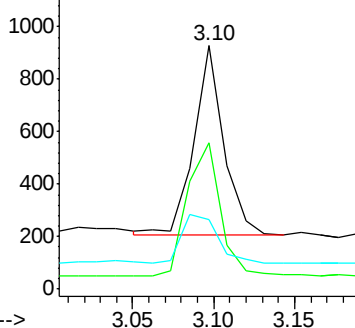
43 31.0 41.2 61.8#



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



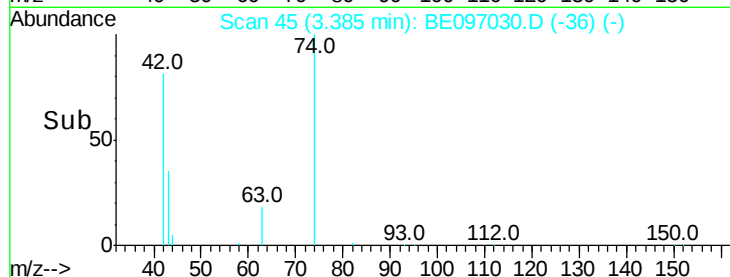
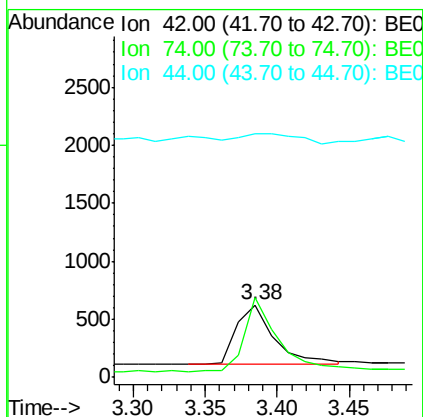
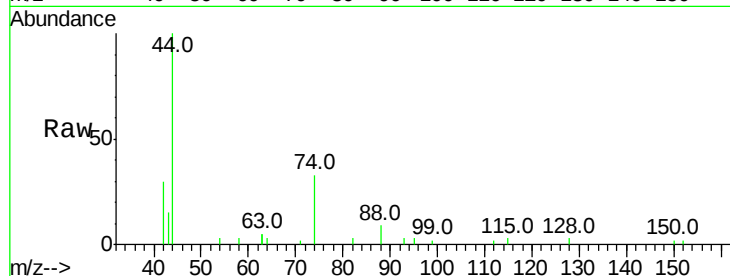


#3

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 :
 SSTDCCC0.4

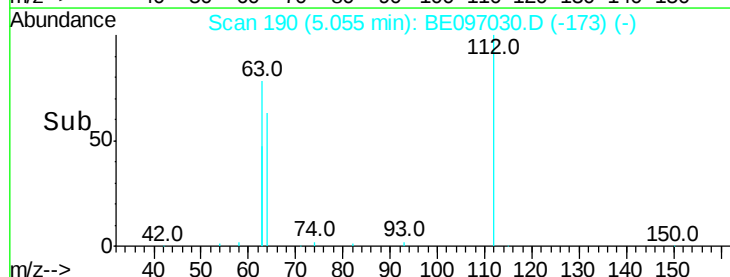
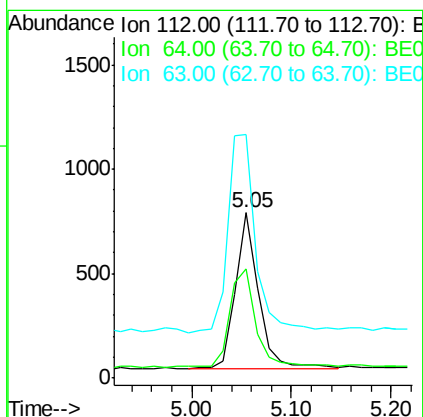
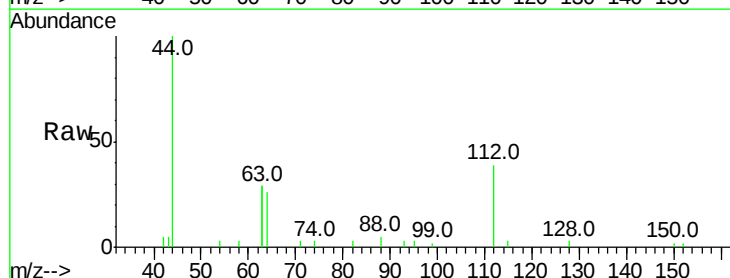
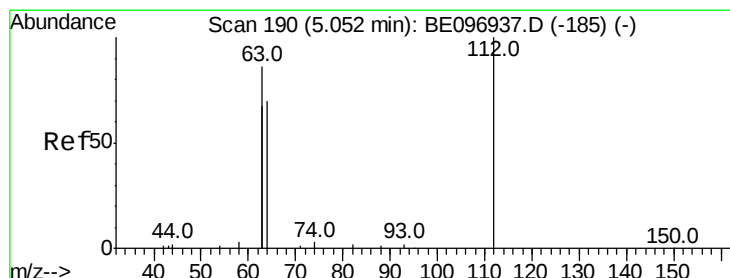
Tot Ion: 42 Resp: 939
 Ion Ratio Lower Upper
 42 100
 74 107.5 96.0 144.0
 44 25.1 12.0 18.0#

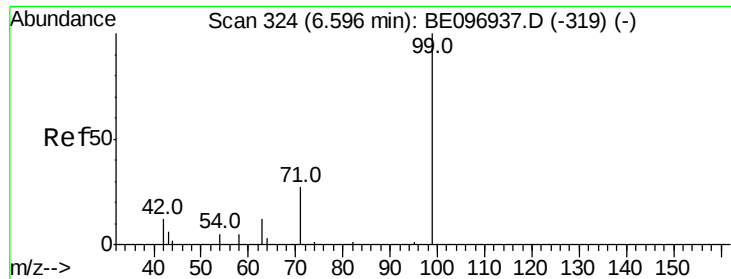


#4

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 :

SSTDCCC0.4

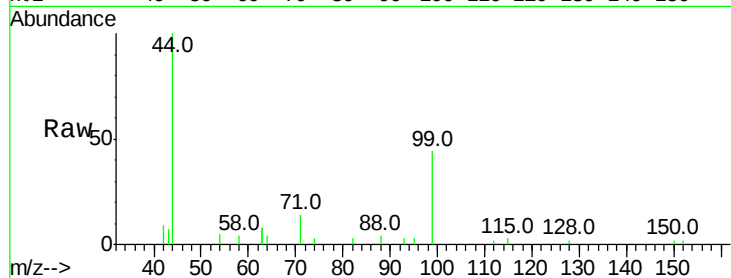
Tot Ion: 99 Resp: 1656

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

71 35.3 28.4 42.6

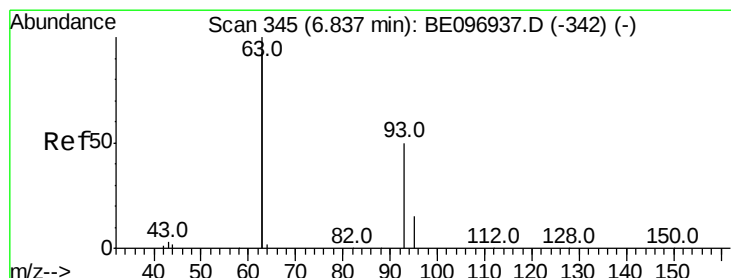
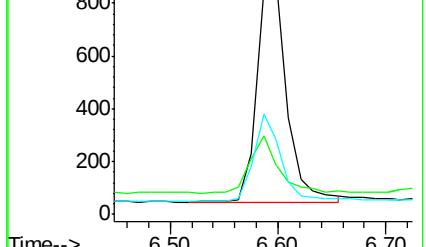
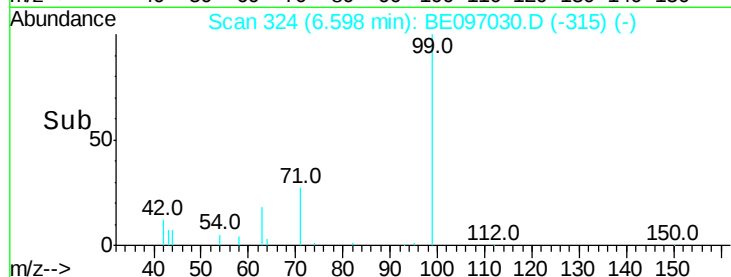


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.376 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

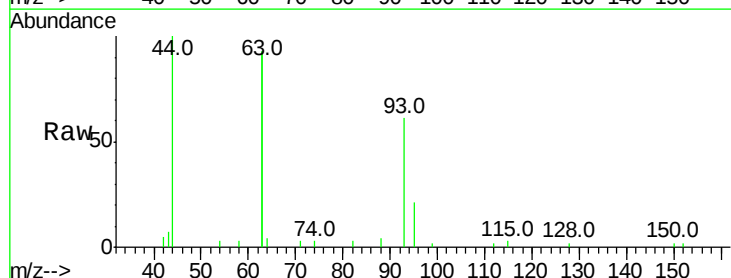
Tgt Ion: 93 Resp: 1873

Ion Ratio Lower Upper

93 100

63 339.9 275.3 412.9

95 33.4 25.2 37.8

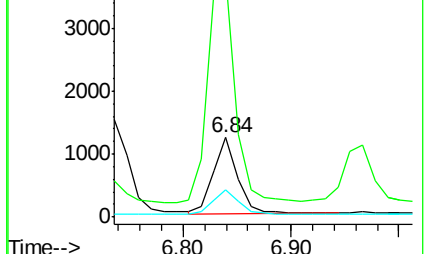
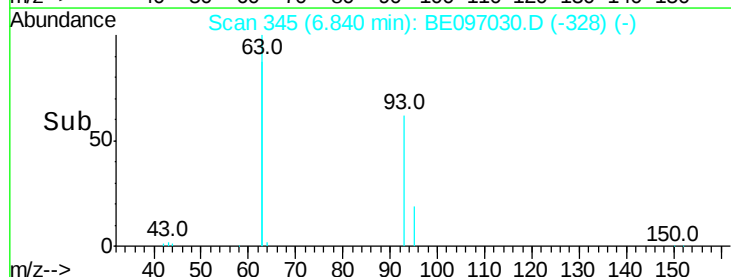


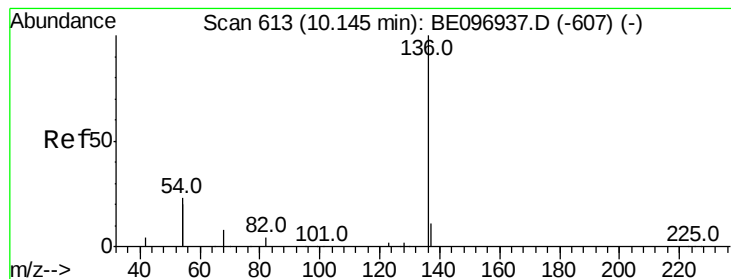
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6344

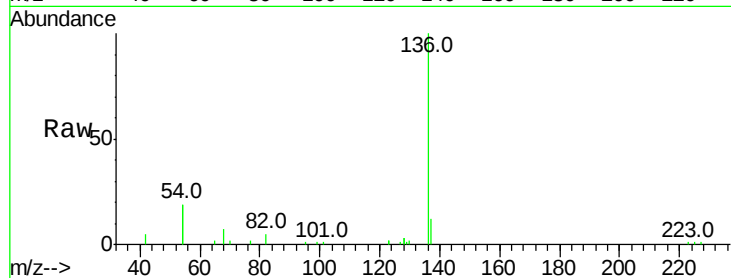
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 38.9 29.1 43.7

68 7.5 6.2 9.2

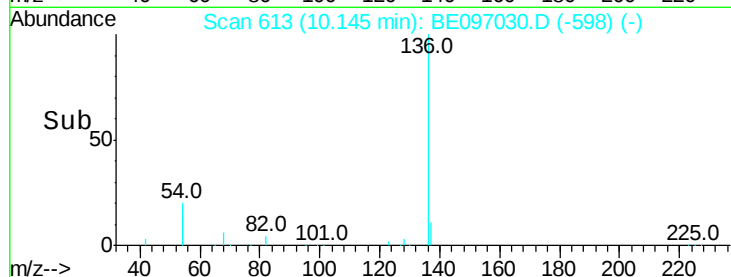


Abundance Ion 136.00 (135.70 to 136.70): E

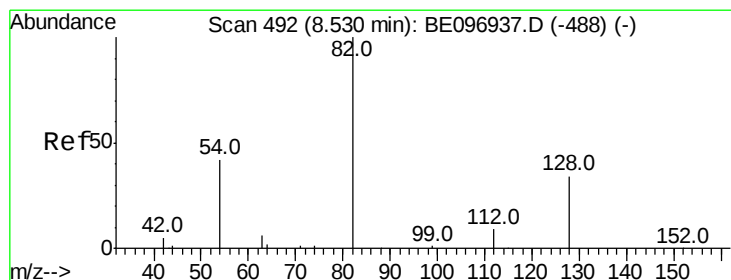
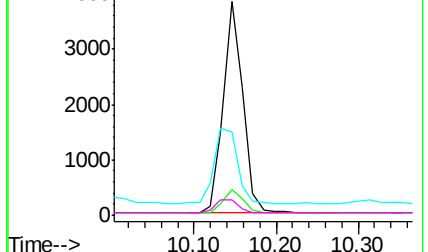
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#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

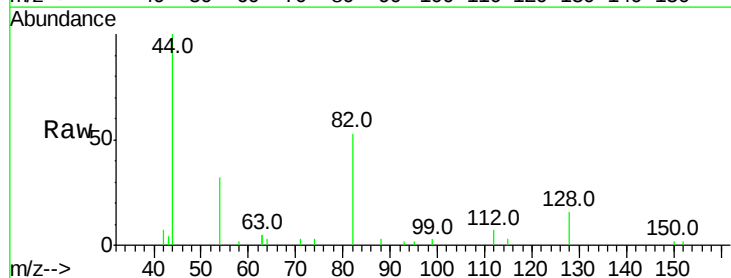
Tgt Ion: 82 Resp: 1897

Ion Ratio Lower Upper

82 100

128 31.1 24.0 36.0

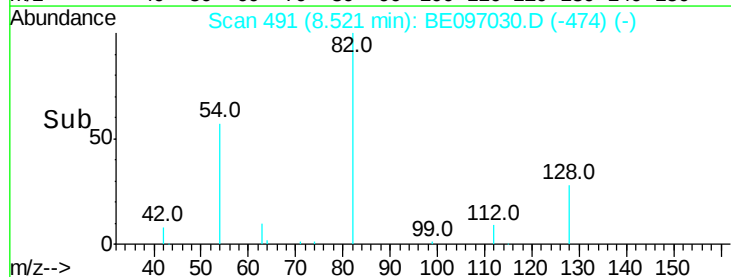
54 59.7 40.0 60.0



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



Time-->





#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 :

SSTDCCC0.4

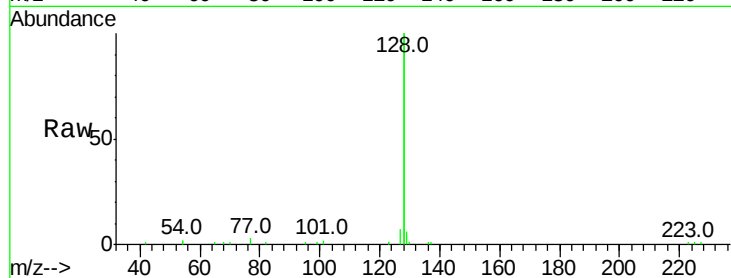
Tot Ion:128 Resp: 22428

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

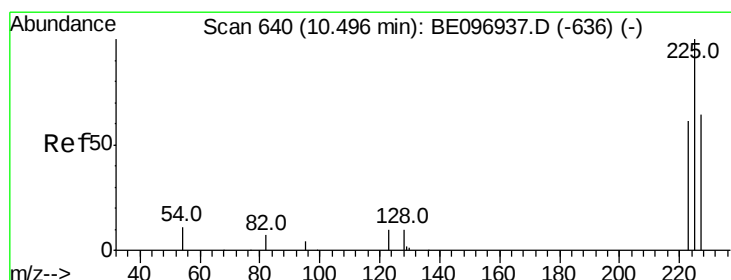
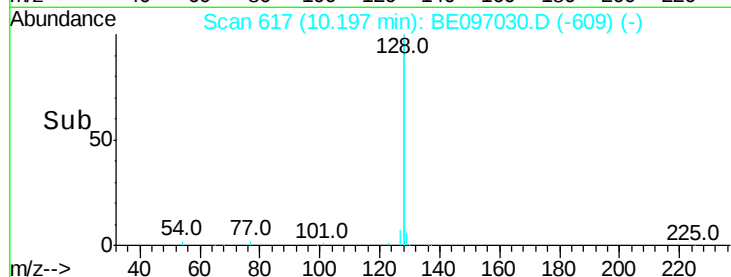
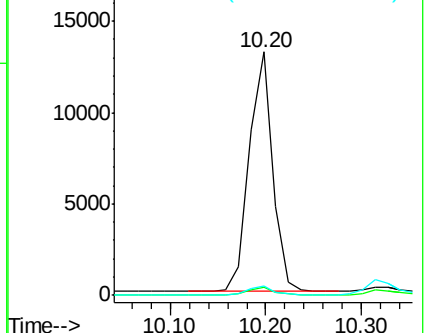
127 3.6 2.8 4.2



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

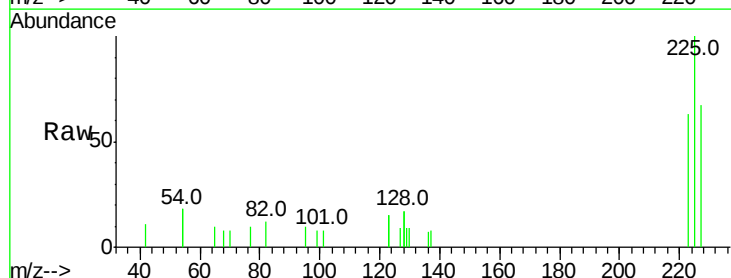
Tgt Ion:225 Resp: 1081

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.6

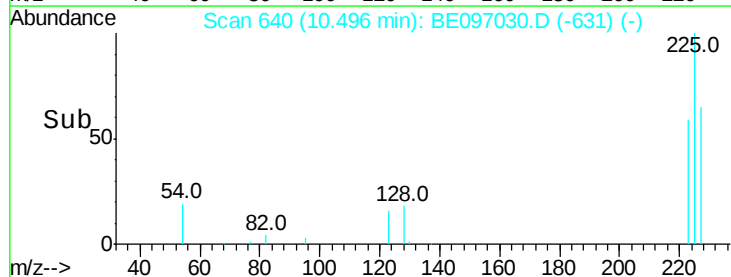
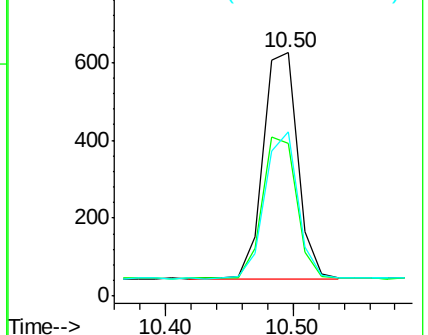
227 62.7 51.4 77.2



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

ClientSampleId :

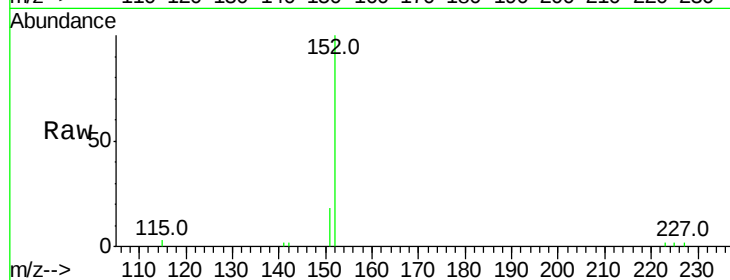
SSTDCCC0.4

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

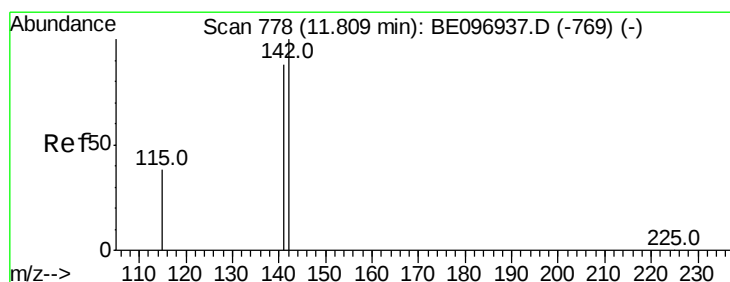
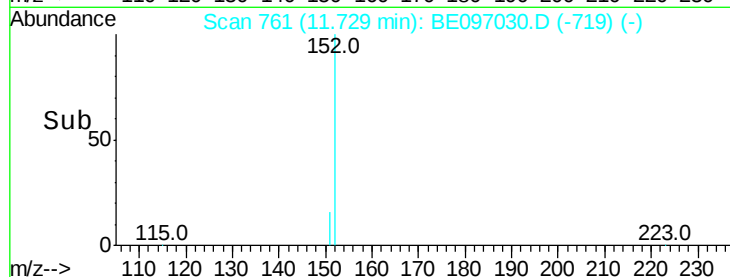
1500

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

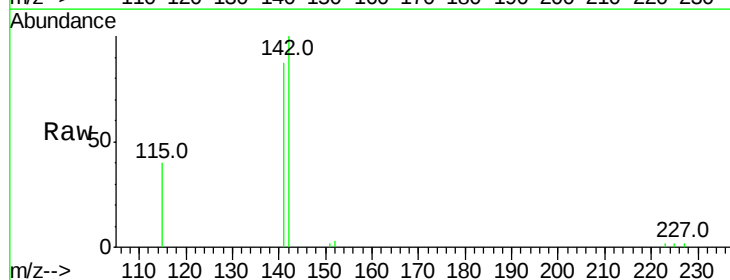
Tgt Ion:142 Resp: 3613

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

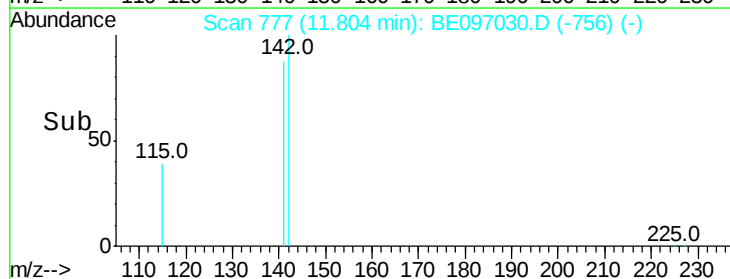
1500

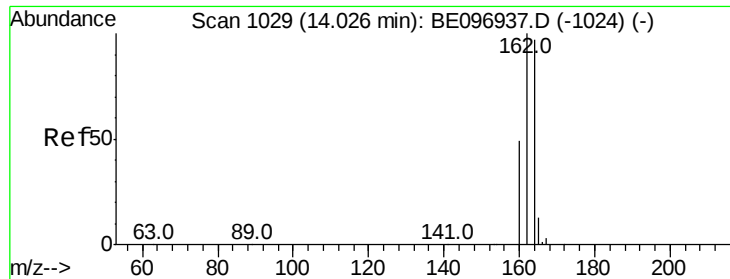
1000

500

0

Time-->

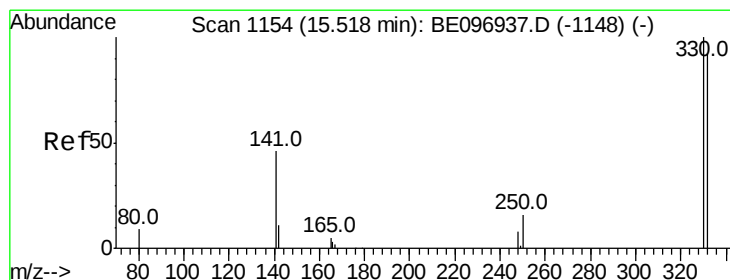
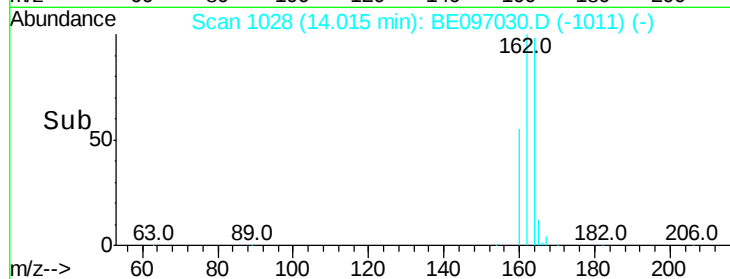
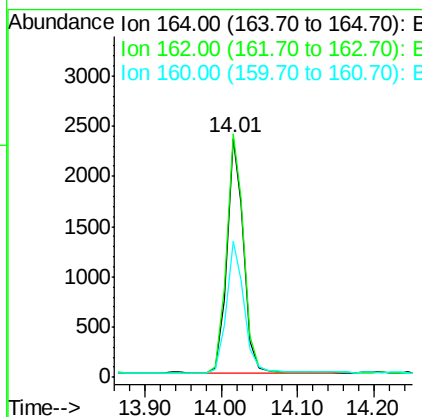
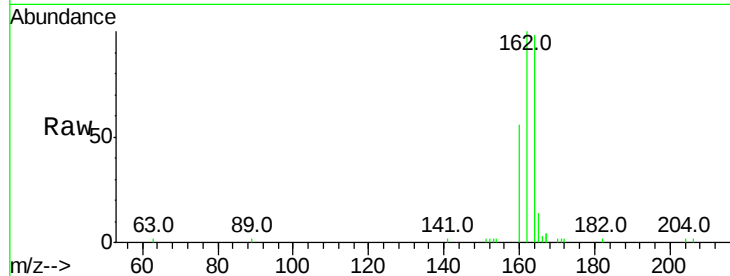




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

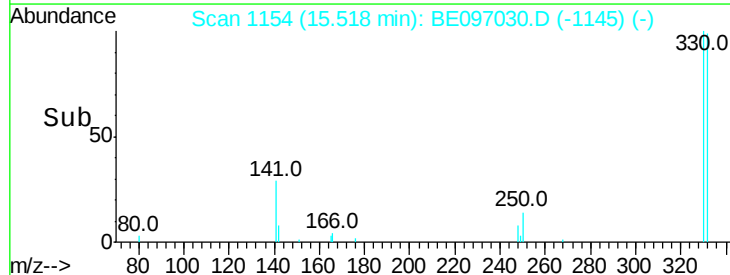
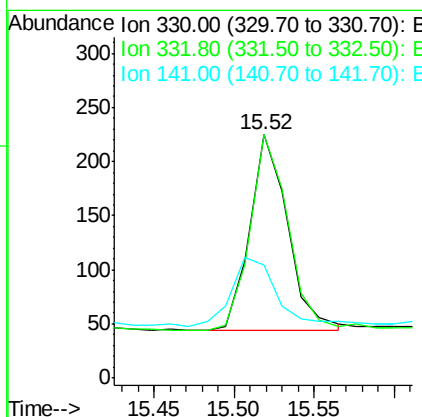
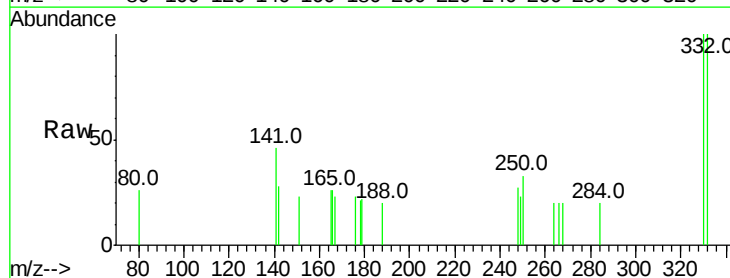
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

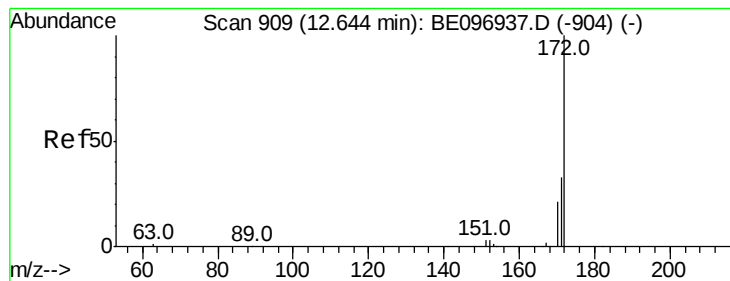
Tot Ion:164 Resp: 3594
 Ion Ratio Lower Upper
 164 100
 162 102.0 83.1 124.7
 160 56.8 37.1 55.7#



#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

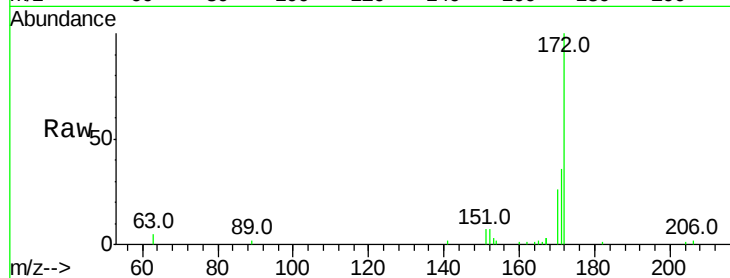




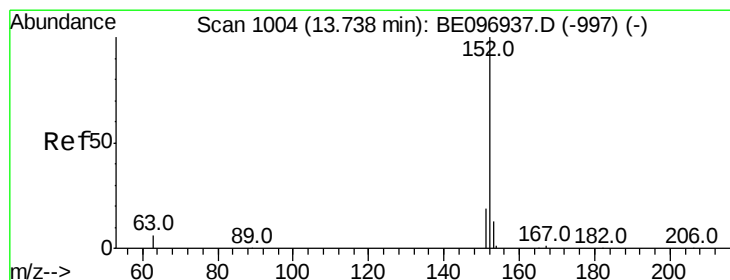
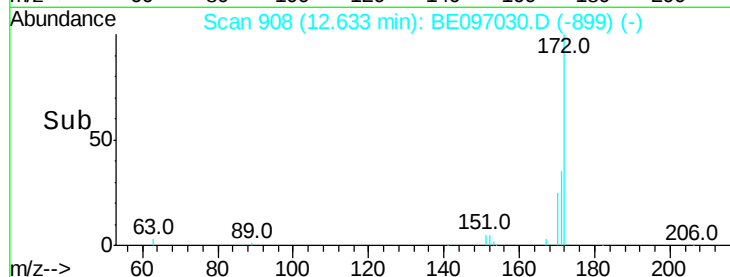
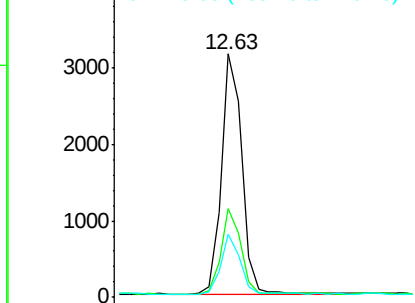
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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

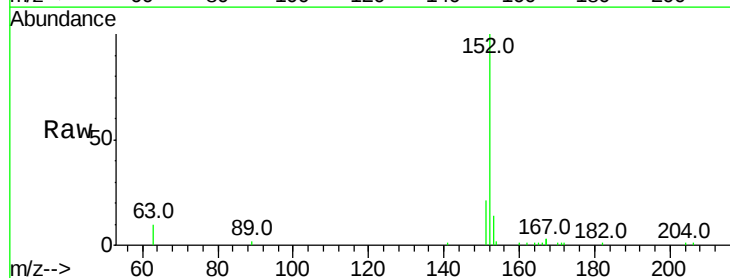


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

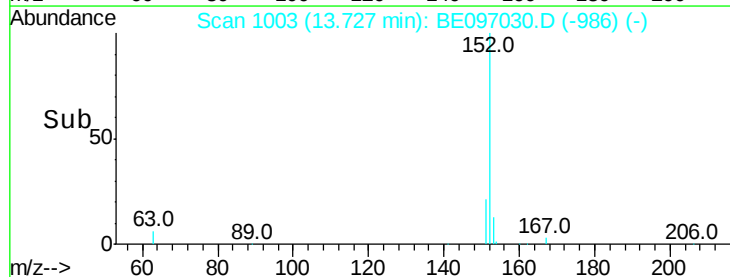
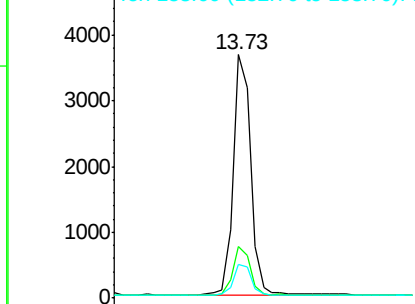


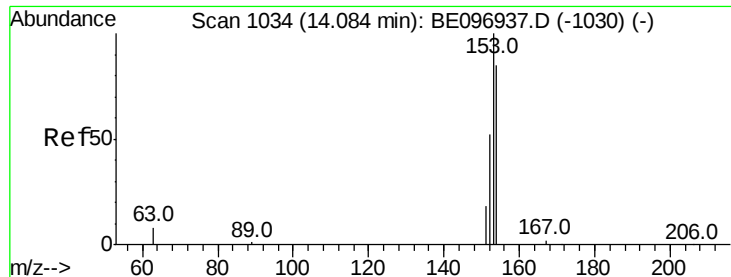
#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

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 :

SSTDCCC0.4

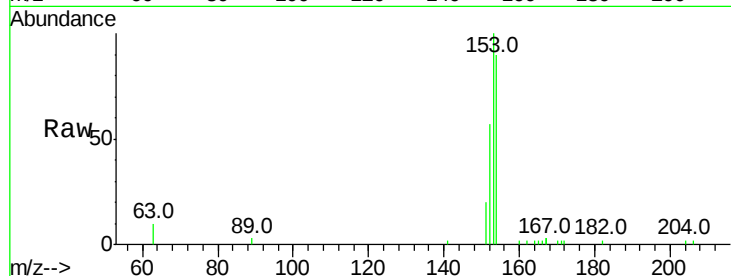
Tot Ion:154 Resp: 3707

Ion Ratio Lower Upper

154 100

153 115.0 89.2 133.8

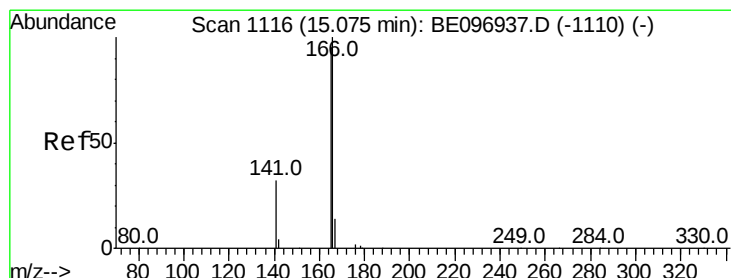
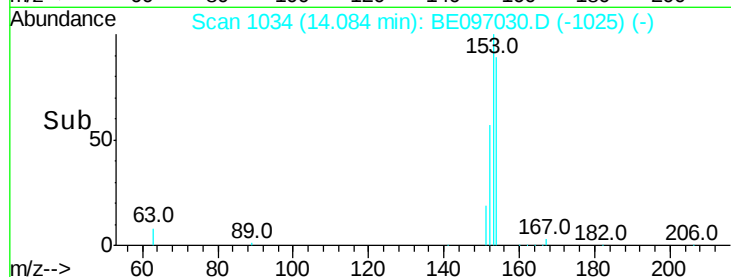
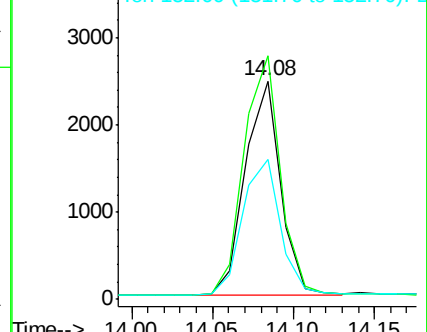
152 67.9 42.0 63.0#



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

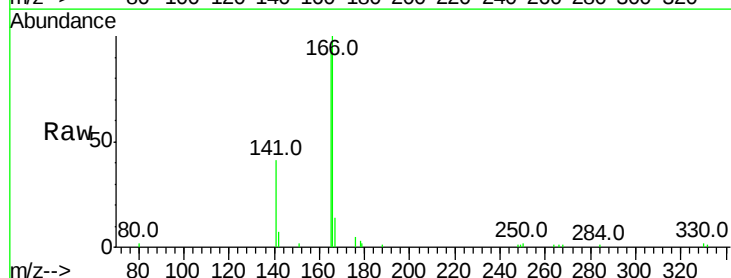
Tgt Ion:166 Resp: 4562

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

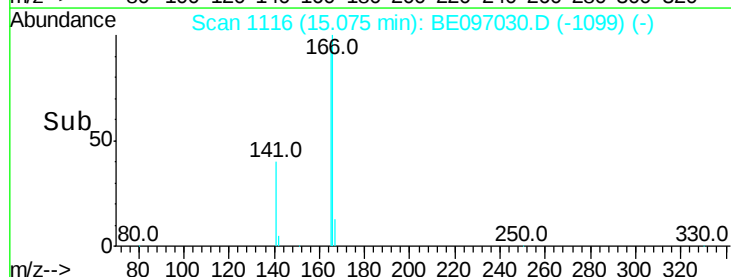
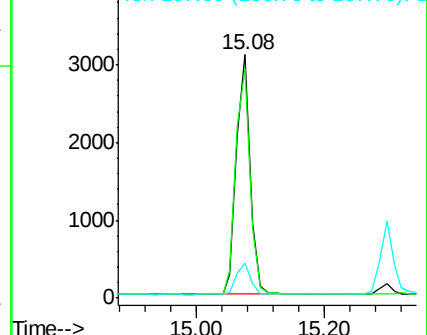
167 13.5 42.4 63.6#

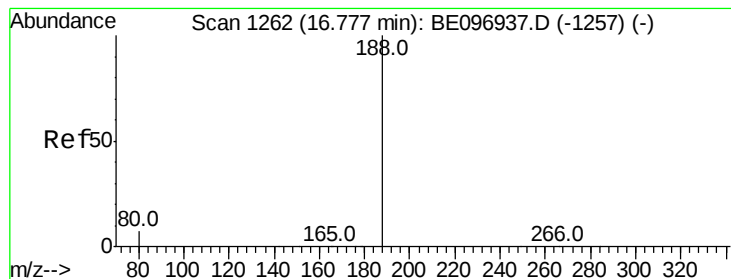


Abundance Ion 166.00 (165.70 to 166.70): E

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 :

SSTDCCC0.4

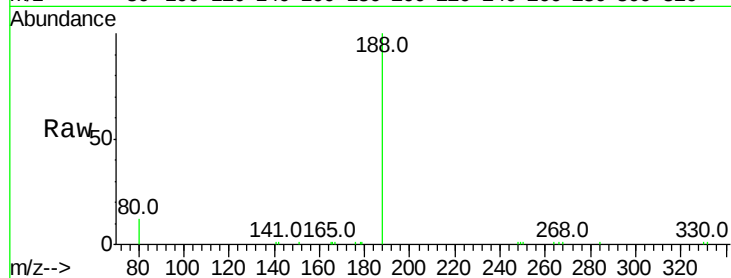
Tot Ion:188 Resp: 10428

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

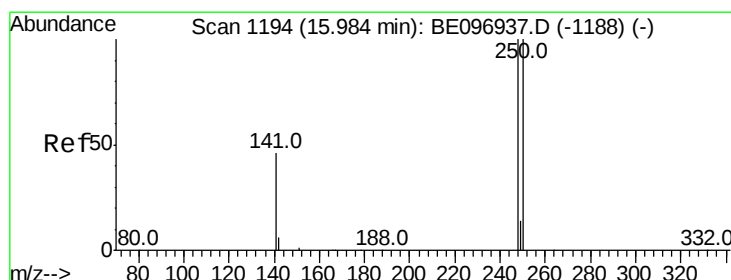
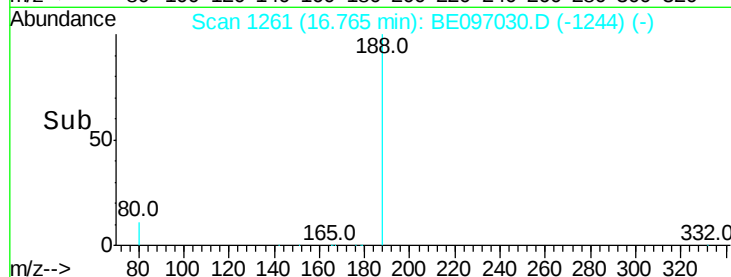
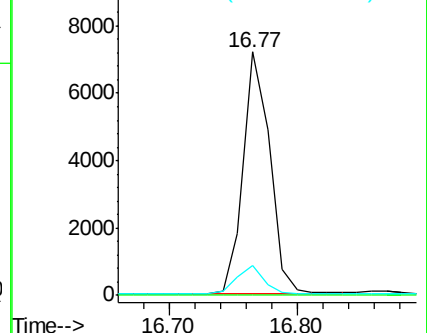
80 12.2 3.6 5.4#



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

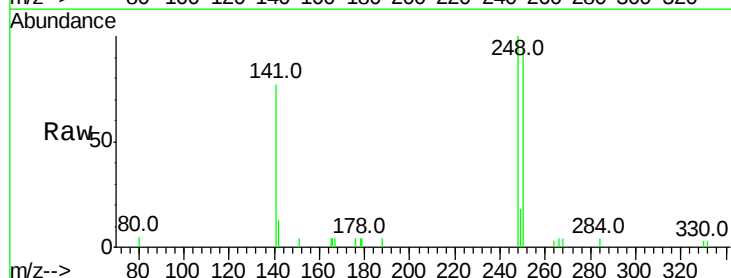
Tgt Ion:248 Resp: 1866

Ion Ratio Lower Upper

248 100

250 93.6 62.7 94.1

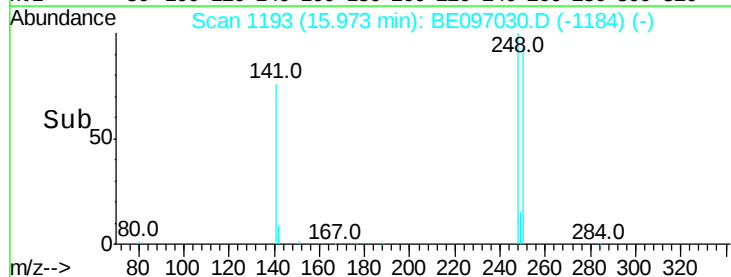
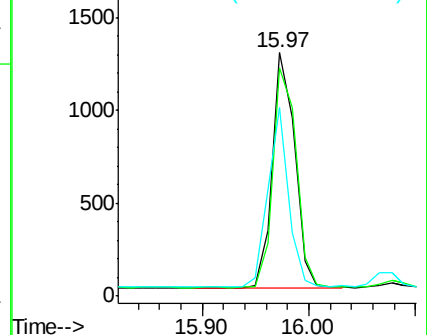
141 77.4 48.2 72.2#



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 :

SSTDCCC0.4

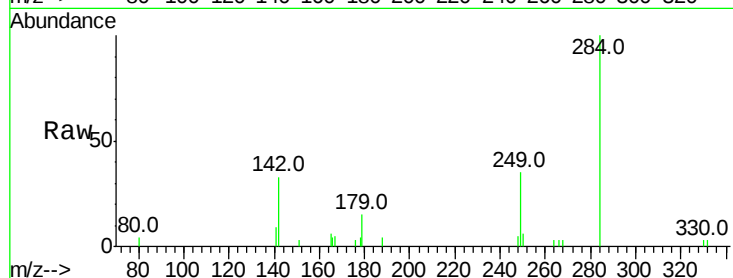
Tot Ion:284 Resp: 2123

Ion Ratio Lower Upper

284 100

142 34.0 22.1 33.1#

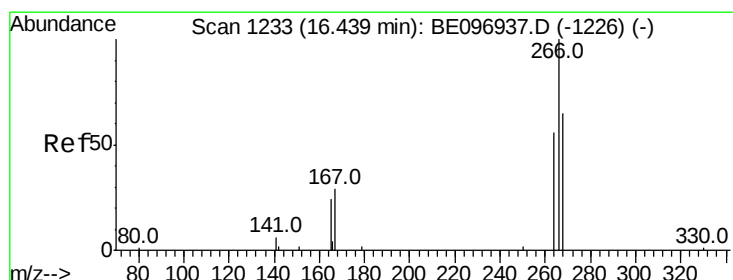
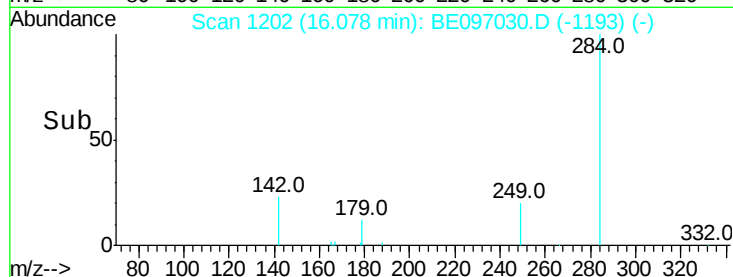
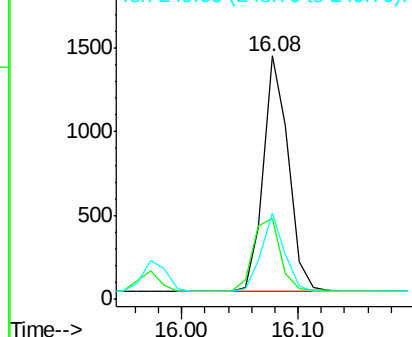
249 30.4 34.8 52.2#



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: 0.591 ng

RT: 16.43 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

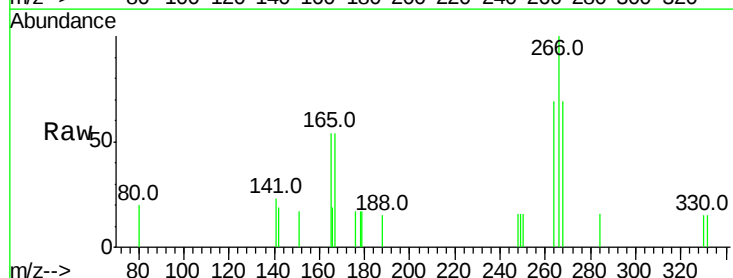
Tgt Ion:266 Resp: 502

Ion Ratio Lower Upper

266 100

264 68.6 72.5 108.7#

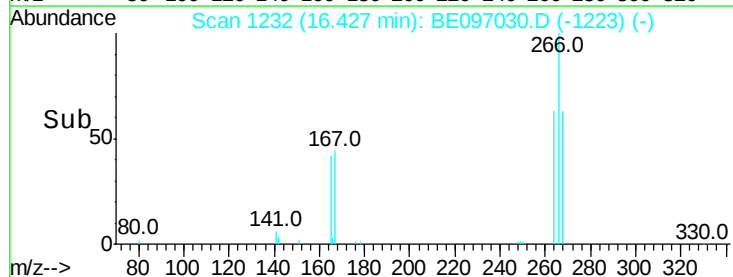
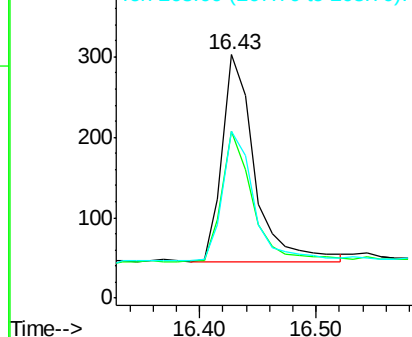
268 68.6 73.8 110.6#



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: 0.384 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 :

SSTDCCC0.4

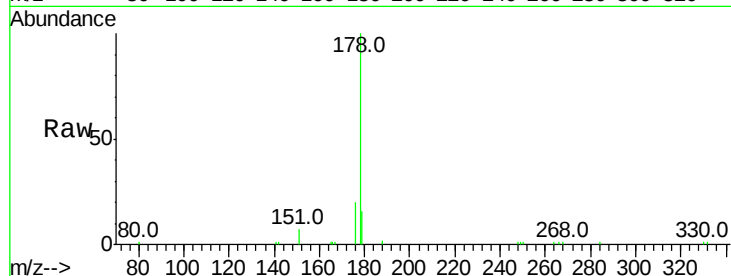
Tot Ion:178 Resp: 9595

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

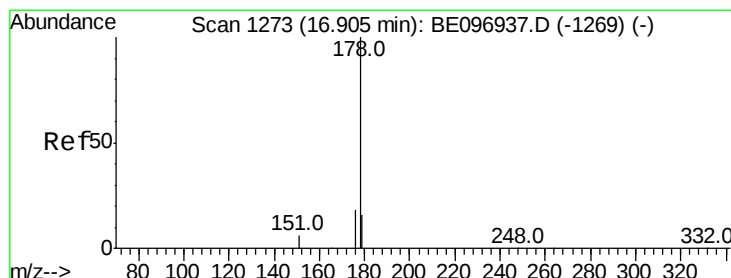
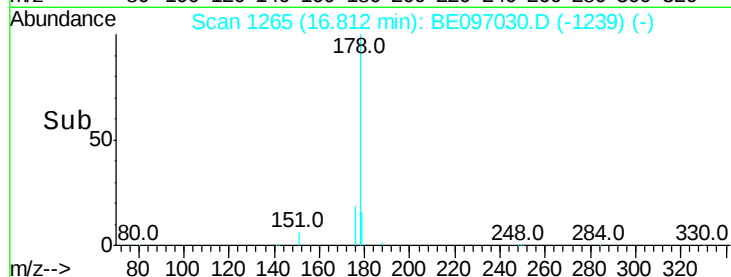
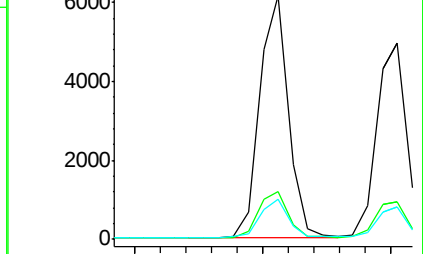
179 15.4 11.8 17.6



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

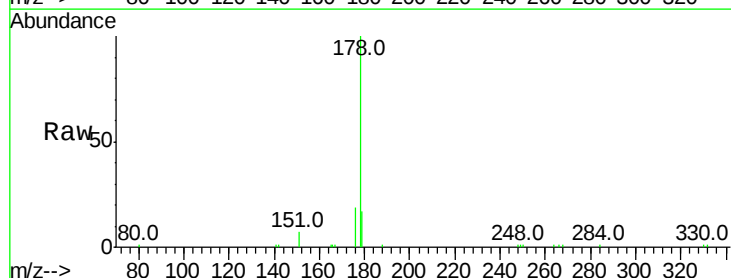
Tgt Ion:178 Resp: 8078

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

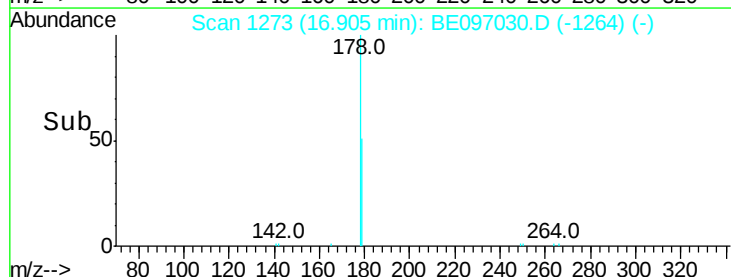
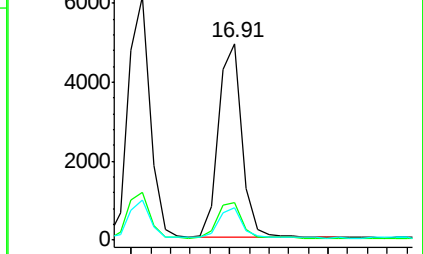
179 15.4 13.0 19.6

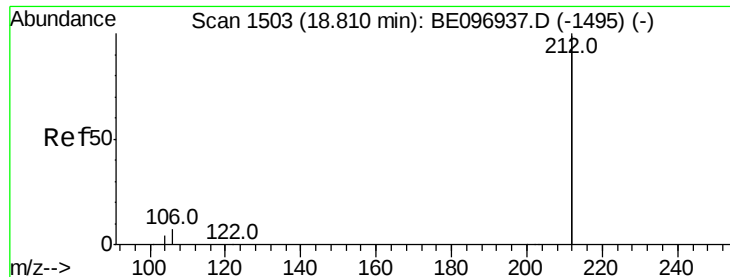


Abundance Ion 178.00 (177.70 to 178.70): E

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 :

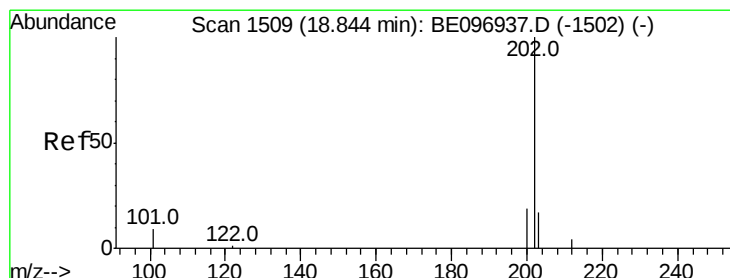
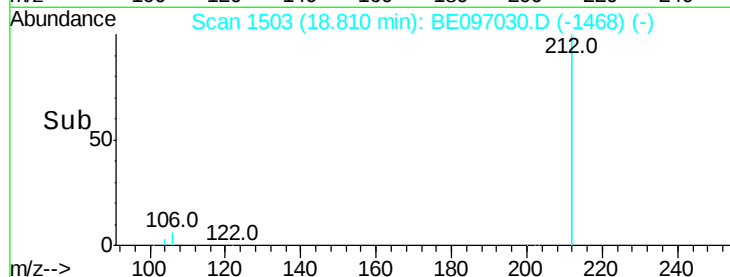
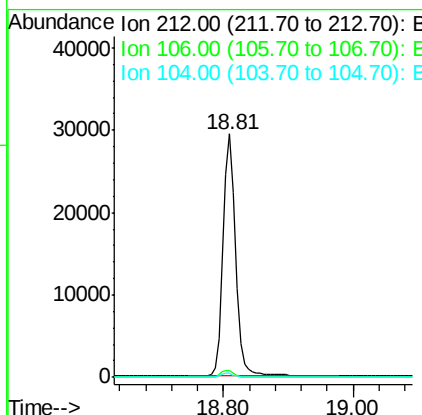
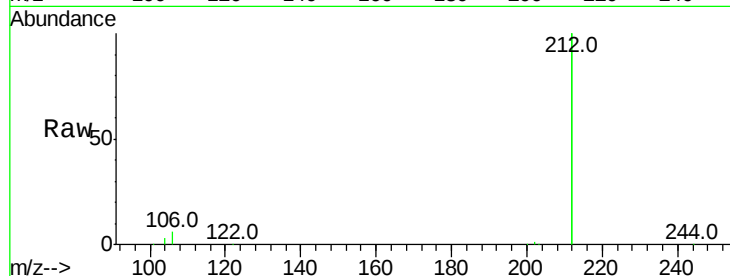
BNA_E

ClientSampleId :

SSTDCCC0.4

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



#26

Fluoranthene

Concen: 0.411 ng

RT: 18.84 min Scan# 1508

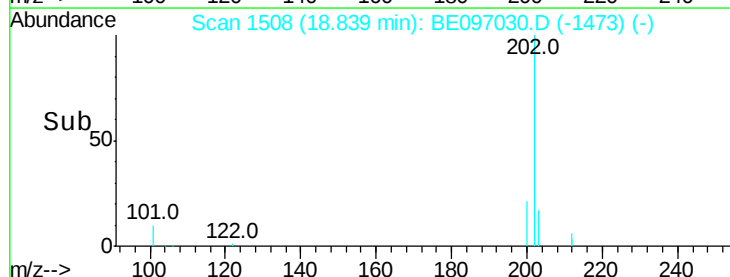
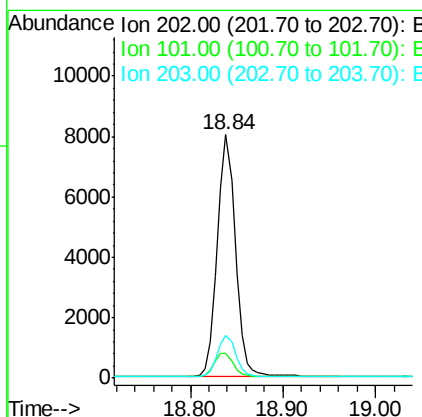
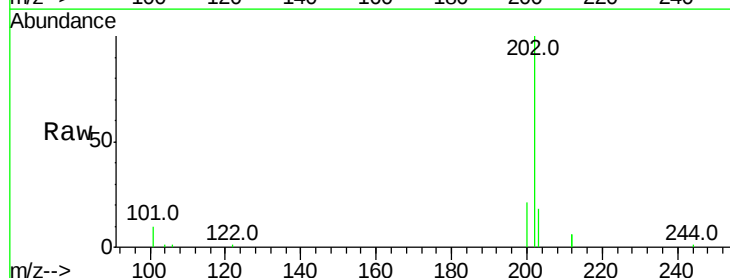
Delta R.T. 0.00 min

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

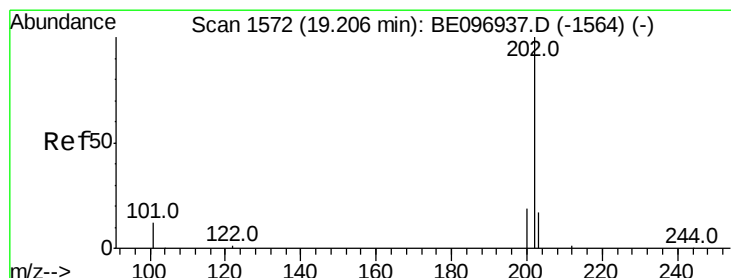
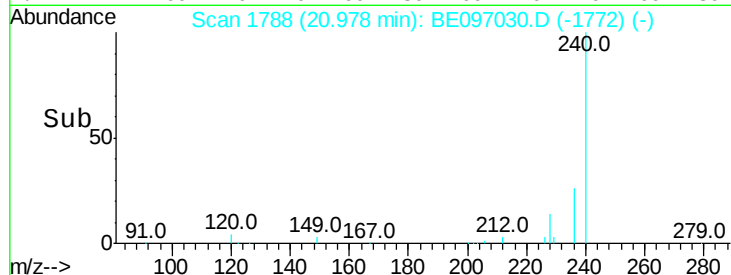
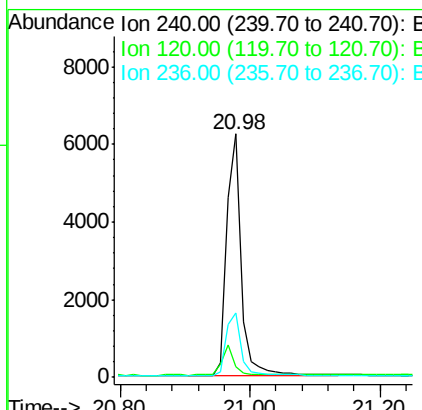
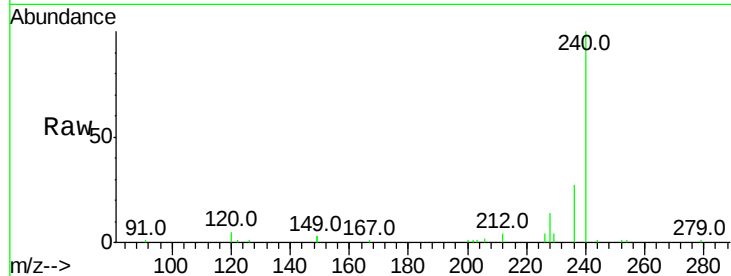




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

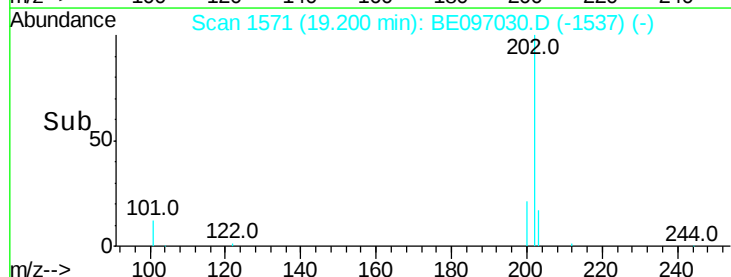
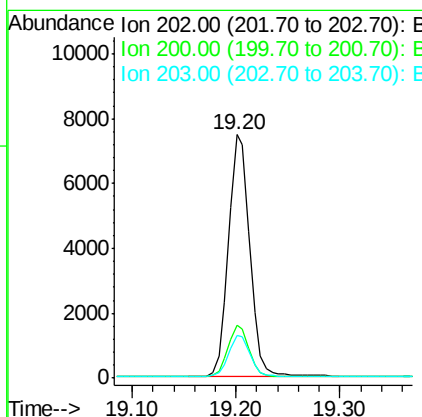
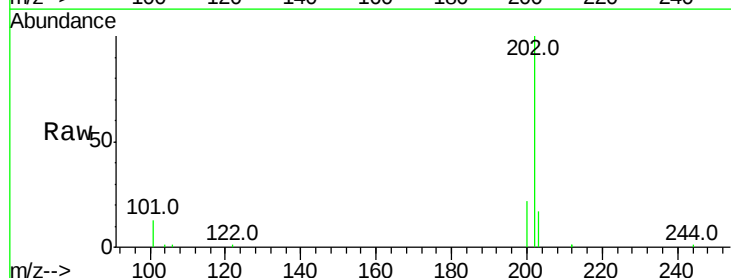
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

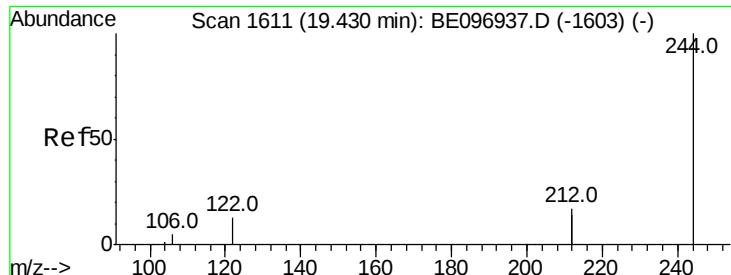
Tot Ion:240 Resp: 9906
 Ion Ratio Lower Upper
 240 100
 120 4.5 5.5 8.3#
 236 26.6 20.7 31.1



#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





#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 :

SSTDCCC0.4

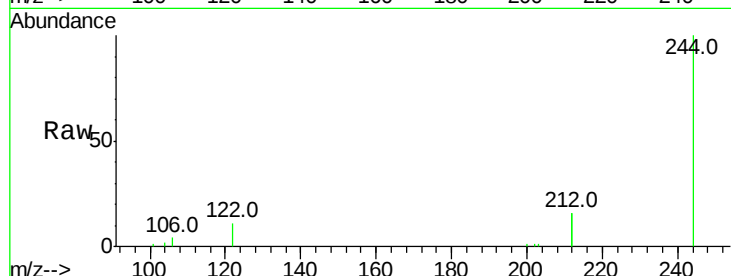
Tot Ion:244 Resp: 7391

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

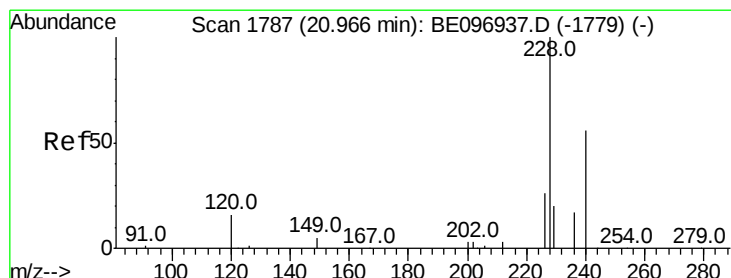
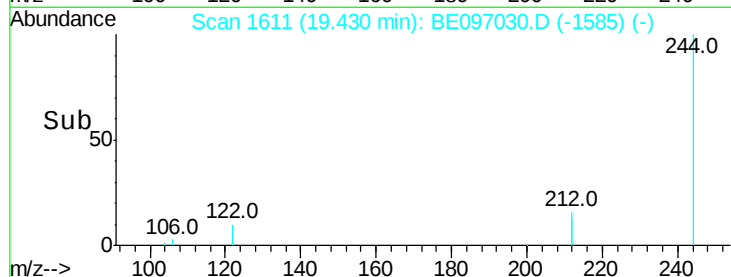
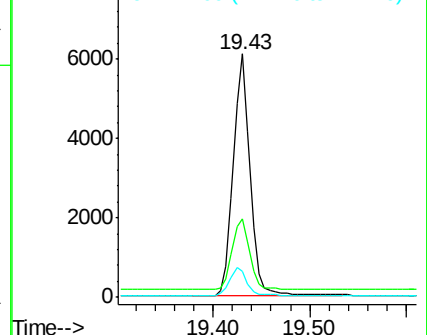
122 10.7 8.1 12.1



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: 0.377 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

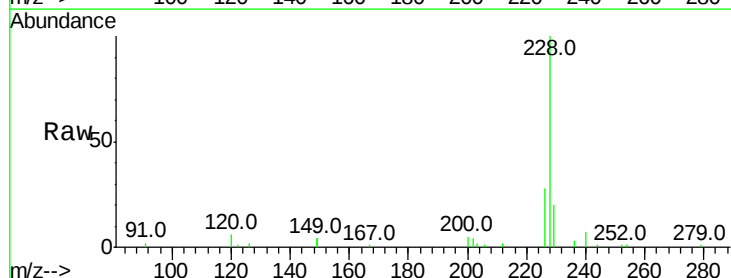
Tgt Ion:228 Resp: 8897

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

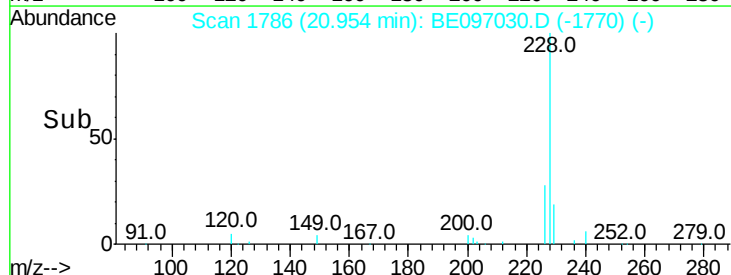
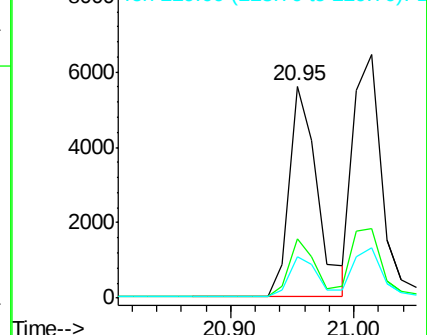
229 19.5 16.0 24.0



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: 0.382 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 :

SSTDCCC0.4

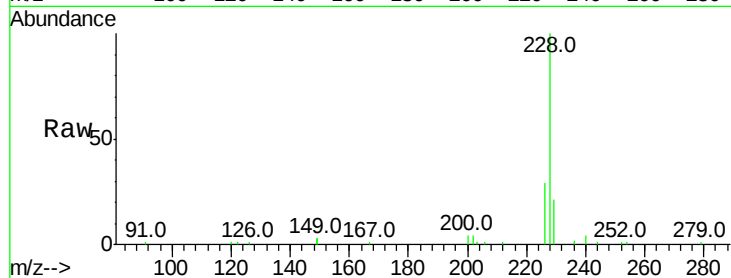
Tot Ion:228 Resp: 10112

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

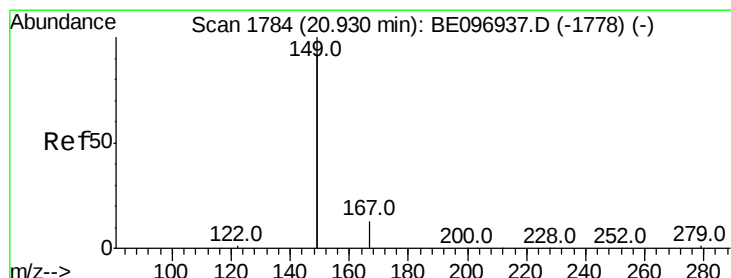
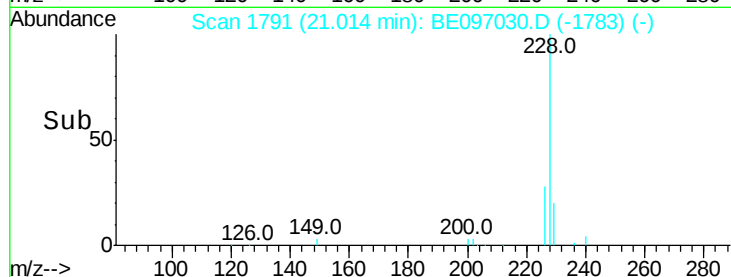
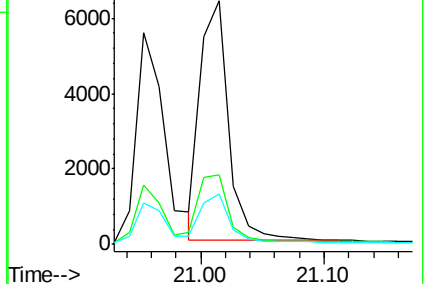
229 20.5 16.0 24.0



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

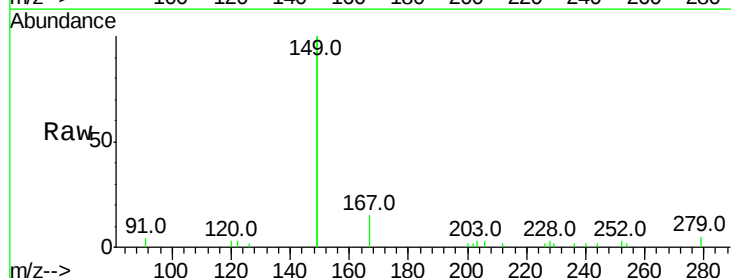
Tgt Ion:149 Resp: 6269

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

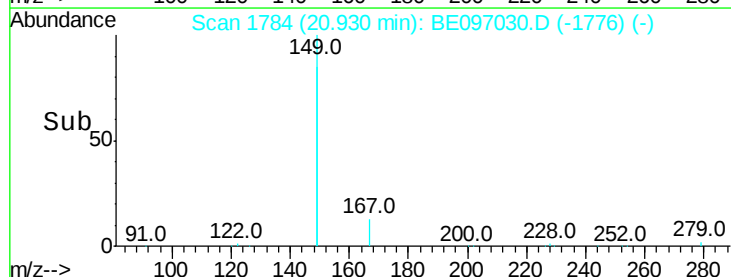
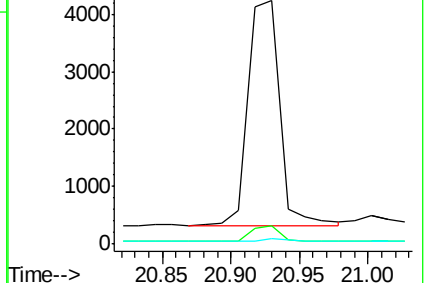
279 1.1 0.7 1.1#



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

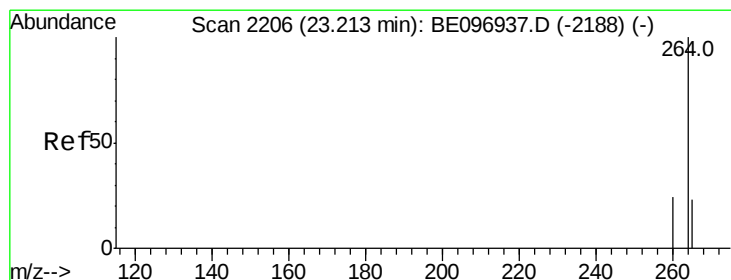
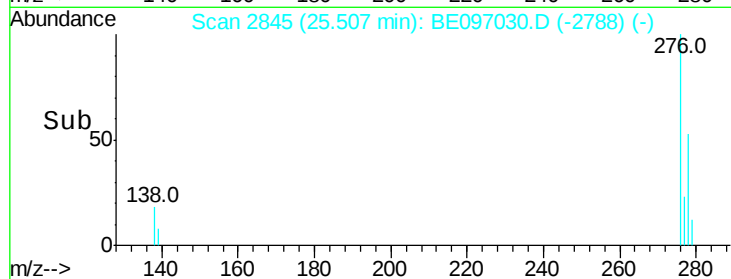
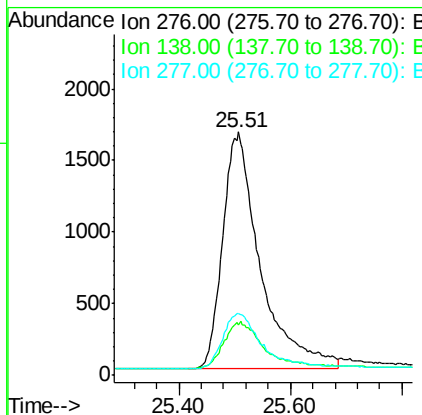
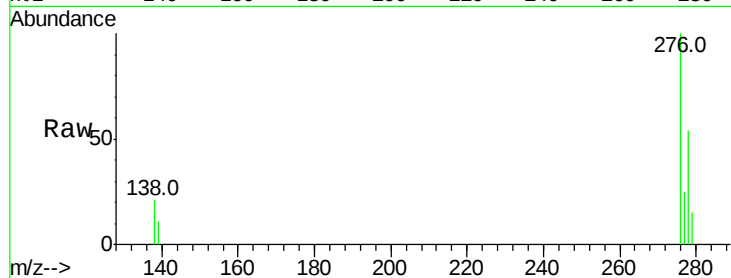




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.402 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BE097030.D
 Acq: 23 Jul 2018 10:16

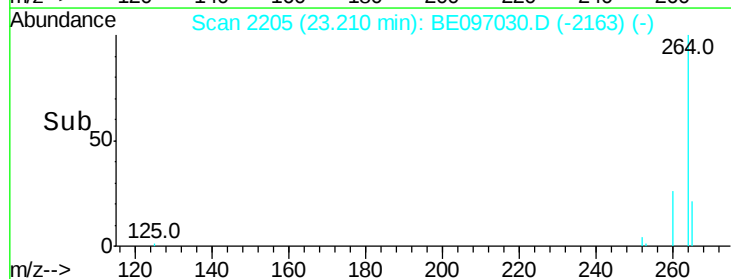
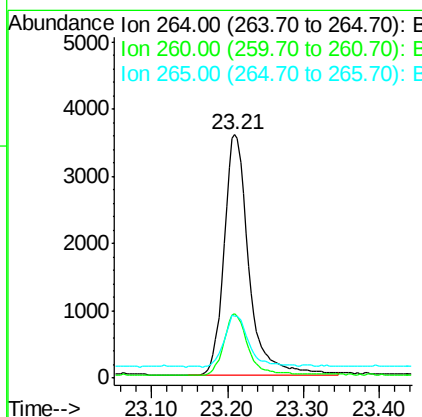
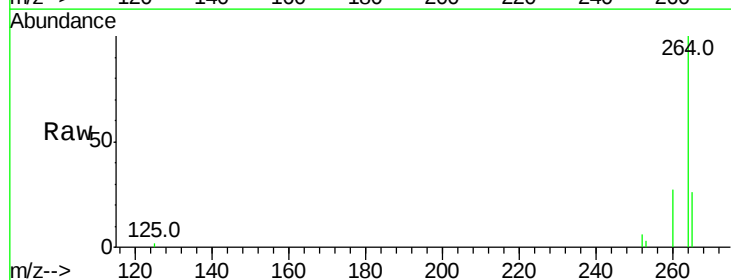
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

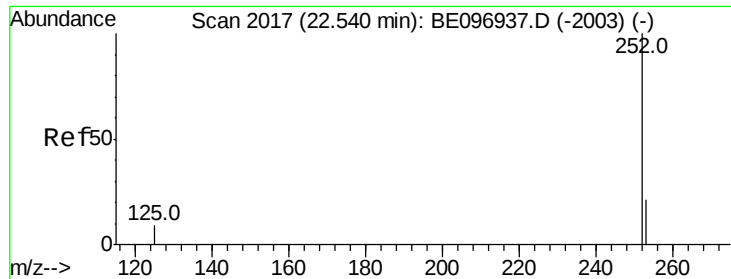
Tot Ion:276 Resp: 7742
 Ion Ratio Lower Upper
 276 100
 138 20.3 22.5 33.7#
 277 24.6 19.9 29.9



#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

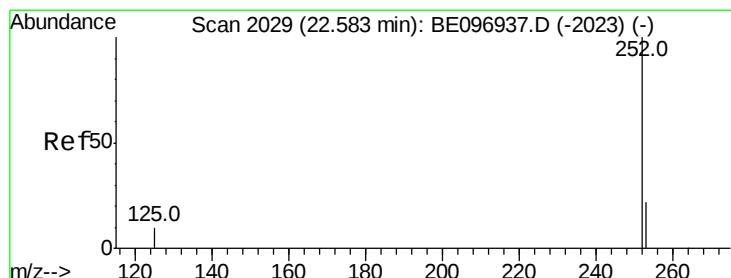
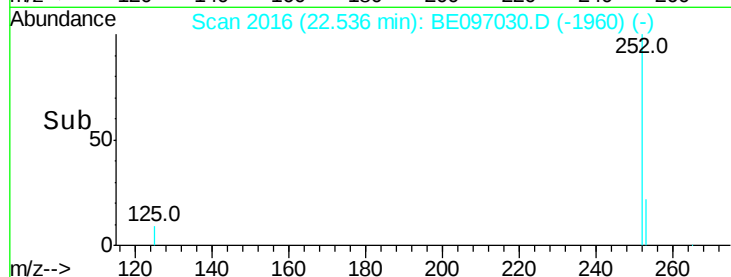
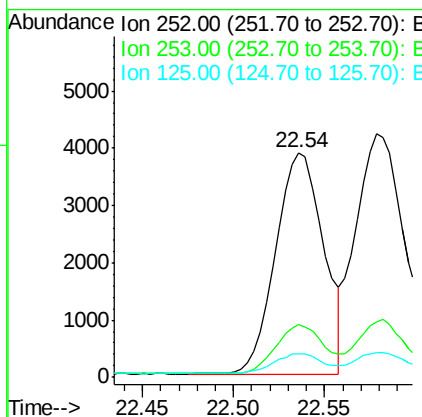
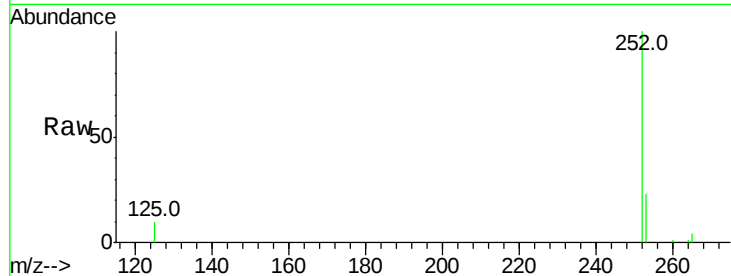




#35
Benzo(b)fluoranthene
Concen: 0.341 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097030.D
Acq: 23 Jul 2018 10:16

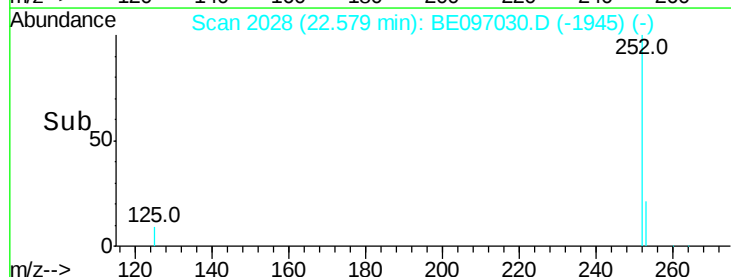
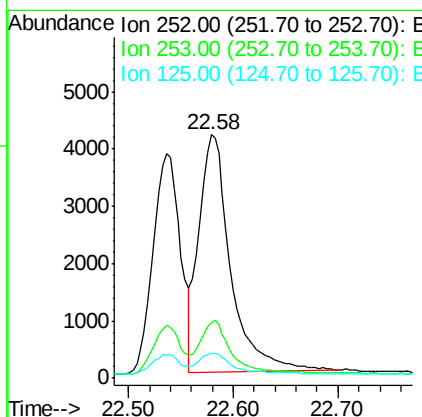
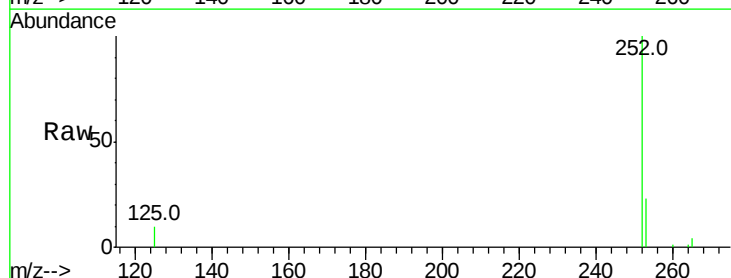
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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 :

SSTDCCC0.4

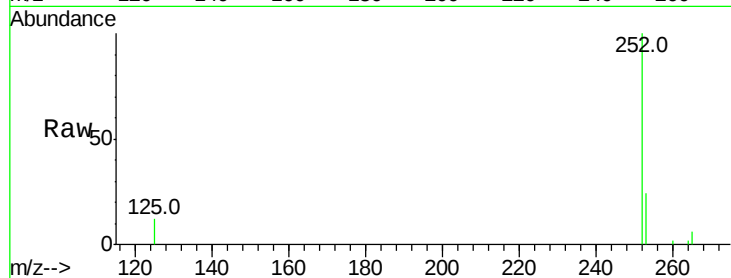
Tot Ion:252 Resp: 6362

Ion Ratio Lower Upper

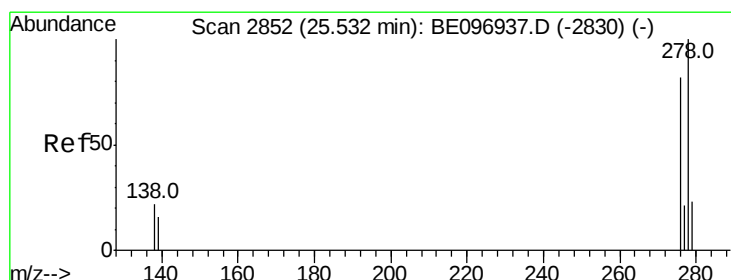
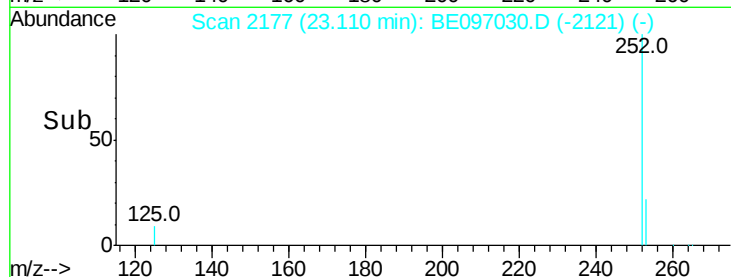
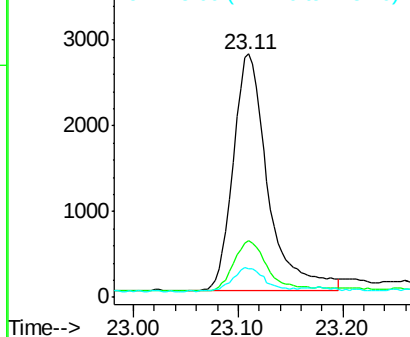
252 100

253 23.5 16.0 24.0

125 11.6 12.0 18.0#



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: 0.431 ng

RT: 25.53 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE097030.D

Acq: 23 Jul 2018 10:16

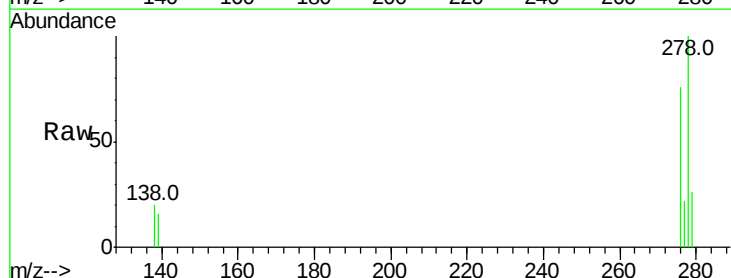
Tgt Ion:278 Resp: 6310

Ion Ratio Lower Upper

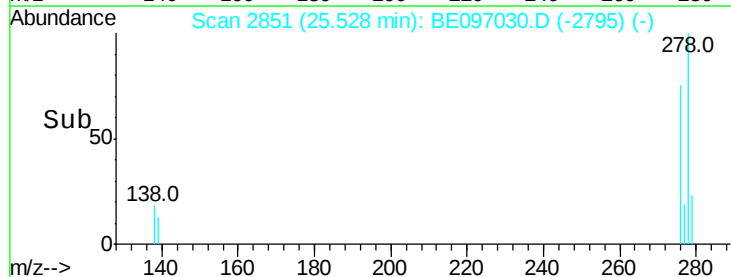
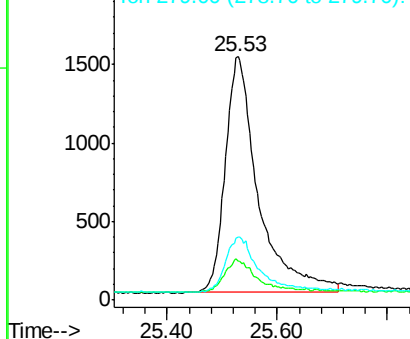
278 100

139 15.7 16.0 24.0#

279 25.9 20.0 30.0



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(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 :

SSTDCCC0.4

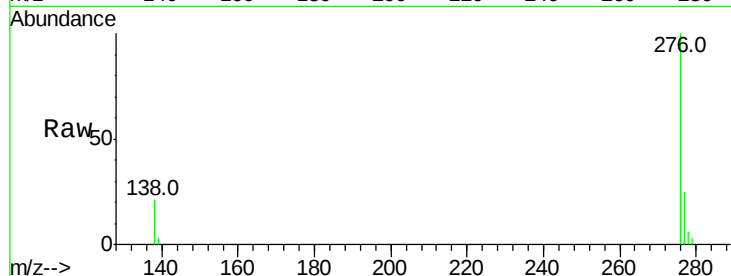
Tot Ion:276 Resp: 7071

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

