

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096804.D
 Acq On : 18 Jun 2018 12:03
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jun 18 12:46:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 11:37:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2647	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13079	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7462	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	19900	0.40	ng	0.00
27) Chrysene-d12	20.98	240	19524	0.40	ng	0.00
34) Perylene-d12	23.22	264	15505	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	9421	1.29	ng	0.00
5) Phenol-d6	6.60	99	14656	1.32	ng	0.00
8) Nitrobenzene-d5	8.53	82	12268	1.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	34677	1.62	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	3082	1.28	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	50158	1.71	ng	0.00
25) Fluoranthene-d10	18.82	212	344245	1.69	ng	0.00
29) Terphenyl-d14	19.44	244	69327	1.61	ng	0.00

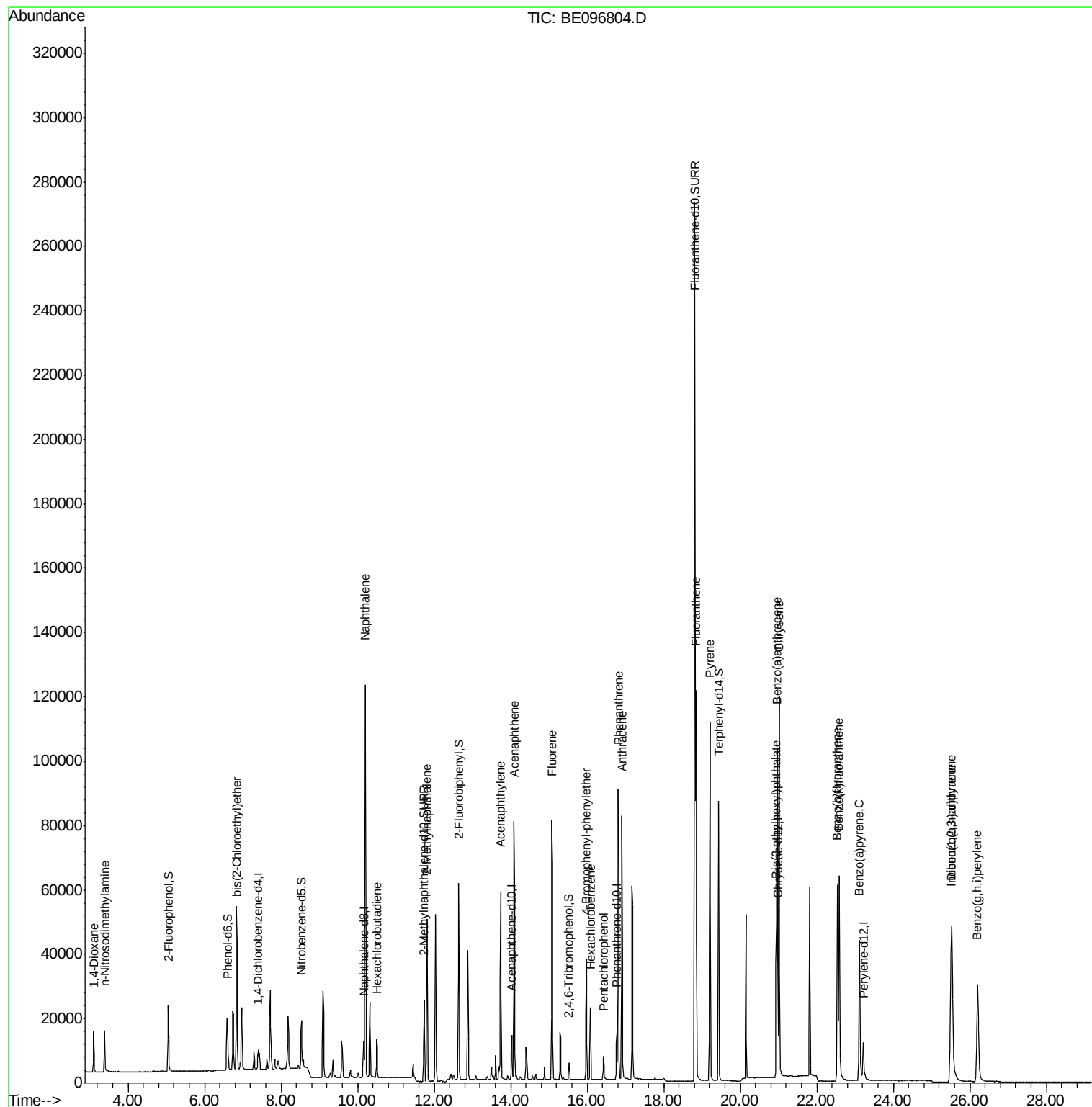
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	6594	1.542	ng	# 86
3) n-Nitrosodimethylamine	3.38	42	7924	1.652	ng	# 86
6) bis(2-Chloroethyl)ether	6.85	93	16902	1.617	ng	95
9) Naphthalene	10.20	128	208898	1.630	ng	99
10) Hexachlorobutadiene	10.50	225	8557	1.624	ng	98
12) 2-Methylnaphthalene	11.81	142	36069	1.634	ng	99
16) Acenaphthylene	13.74	152	60759	1.683	ng	100
17) Acenaphthene	14.08	154	39597	1.665	ng	95
18) Fluorene	15.08	166	47918	1.674	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	16688	1.697	ng	# 88
21) Hexachlorobenzene	16.09	284	18343	1.649	ng	# 80
22) Pentachlorophenol	16.43	266	3634	1.403	ng	# 73
23) Phenanthrene	16.81	178	89389	1.656	ng	99
24) Anthracene	16.91	178	79119	1.714	ng	95
26) Fluoranthene	18.84	202	103725	1.745	ng	99
28) Pyrene	19.21	202	99565	1.586	ng	99
30) Benzo(a)anthracene	20.97	228	82055	1.592	ng	96
31) Chrysene	21.01	228	94217	1.583	ng	99
32) Bis(2-ethylhexyl)phthalate	20.94	149	59164	1.201	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	77307	1.502	ng	96
35) Benzo(b)fluoranthene	22.54	252	75917	1.724	ng	# 87
36) Benzo(k)fluoranthene	22.59	252	87937	1.749	ng	97
37) Benzo(a)pyrene	23.12	252	65765	1.665	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	66448	1.708	ng	95
39) Benzo(g,h,i)perylene	26.20	276	68324	1.660	ng	93

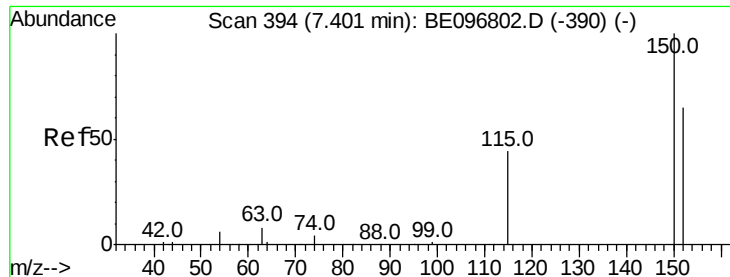
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 11:37:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

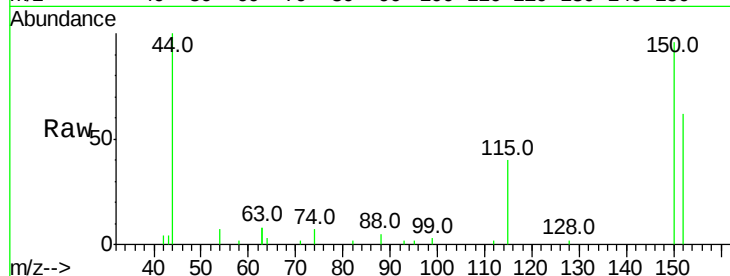
Tot Ion:152 Resp: 2647

Ion Ratio Lower Upper

152 100

150 155.0 117.2 175.8

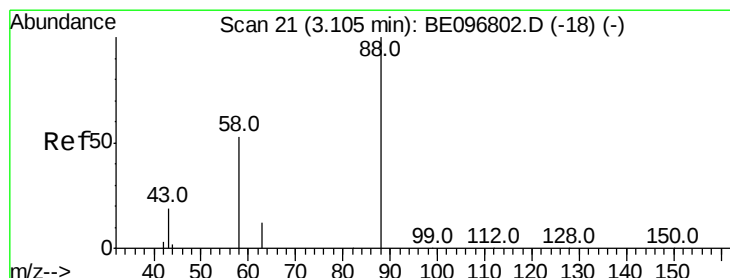
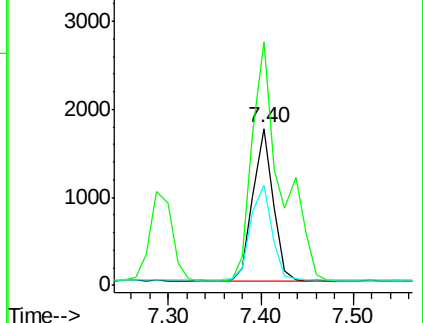
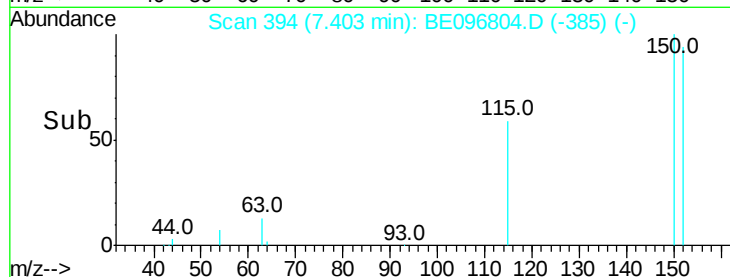
115 64.1 57.0 85.6



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: 1.542 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.01 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

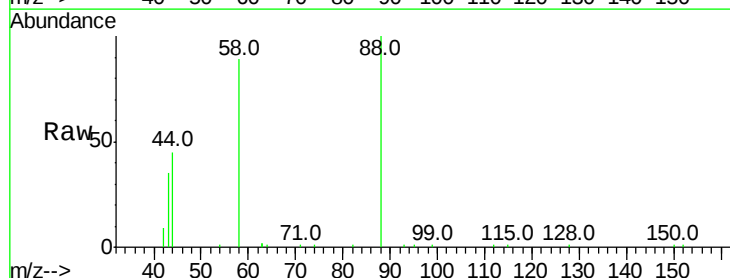
Tgt Ion: 88 Resp: 6594

Ion Ratio Lower Upper

88 100

58 83.5 63.2 94.8

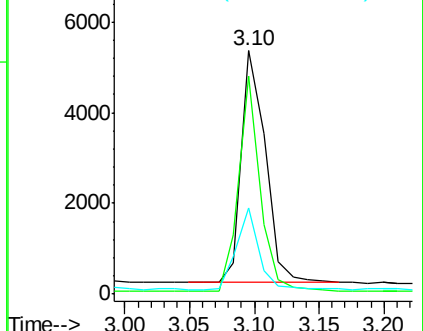
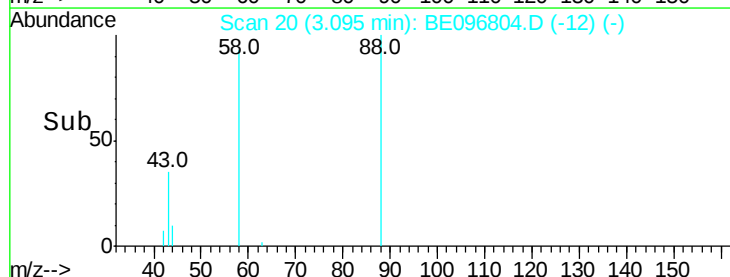
43 32.5 41.2 61.8#

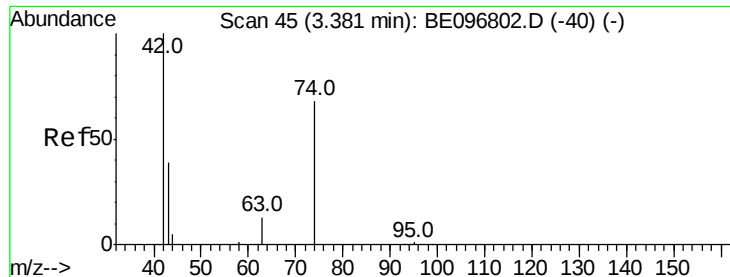


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



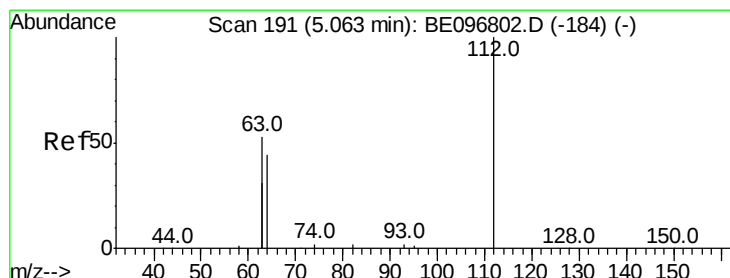
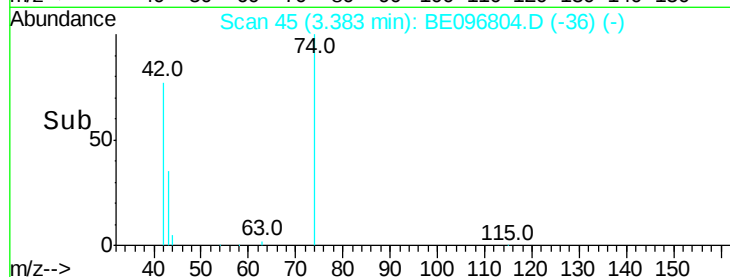
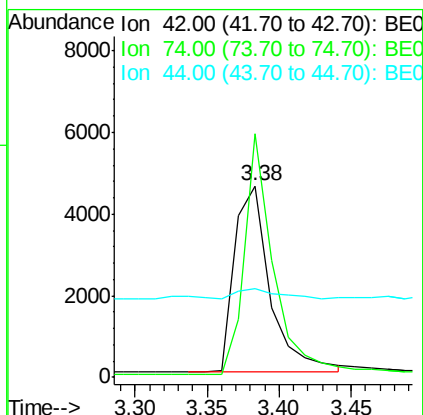
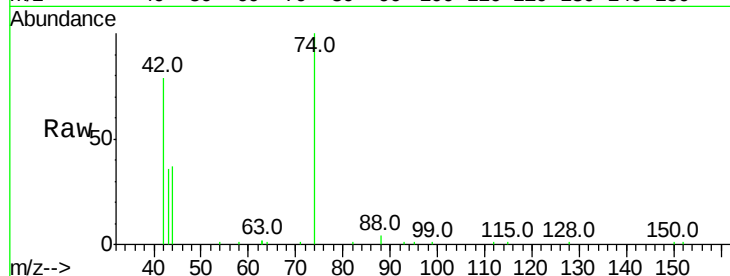


#3

n-Nitrosodimethylamine
 Concen: 1.652 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096804.D
 Acq: 18 Jun 2018 12:03

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

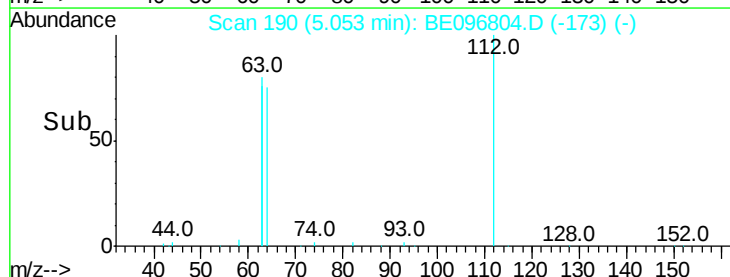
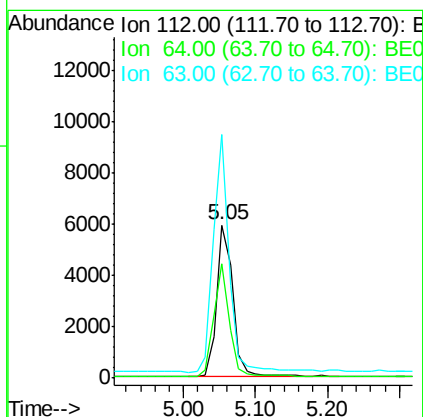
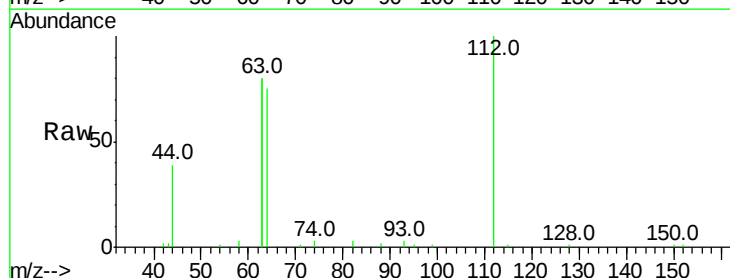
Tot Ion: 42 Resp: 7924
 Ion Ratio Lower Upper
 42 100
 74 104.4 96.0 144.0
 44 8.7 12.0 18.0#

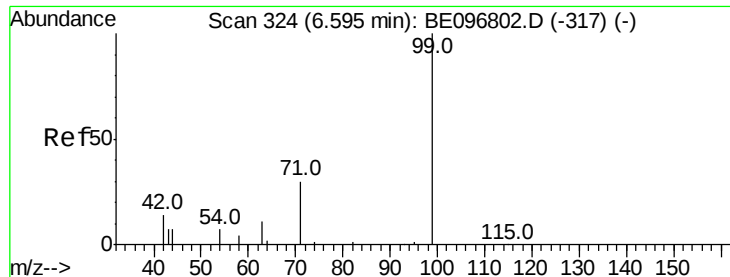


#4

2-Fluorophenol
 Concen: 1.291 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: BE096804.D
 Acq: 18 Jun 2018 12:03

Tgt Ion: 112 Resp: 9421
 Ion Ratio Lower Upper
 112 100
 64 70.4 60.1 90.1
 63 151.0 116.8 175.2





#5

Phenol-d6

Concen: 1.324 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampled :

SSTDICC1.6

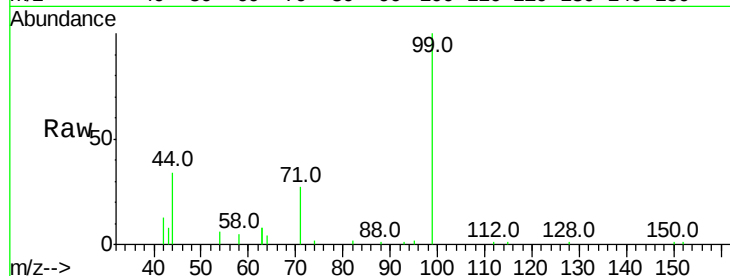
Tot Ion: 99 Resp: 14656

Ion Ratio Lower Upper

99 100

42 23.7 20.2 30.2

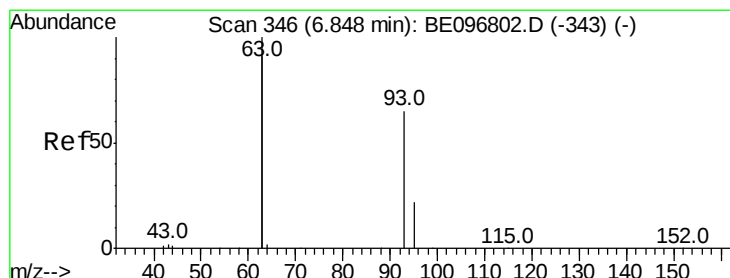
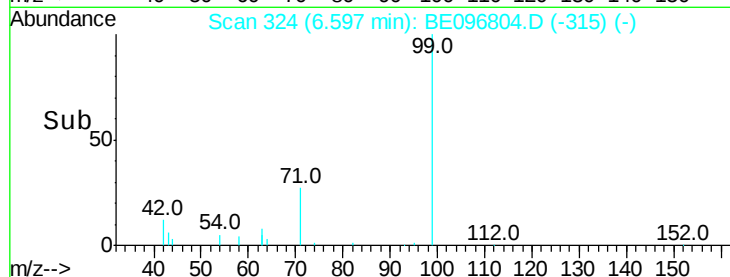
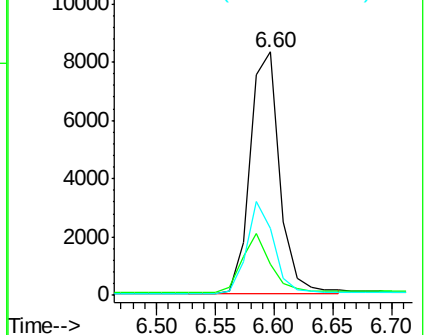
71 34.8 28.4 42.6



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: 1.617 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

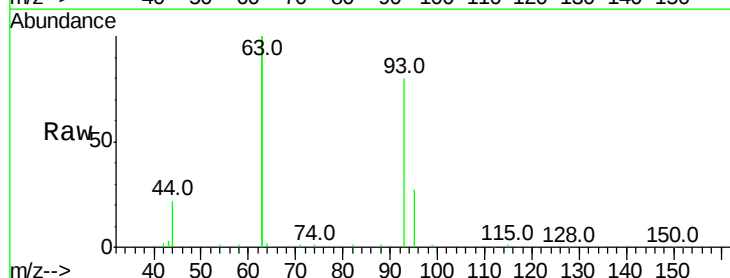
Tgt Ion: 93 Resp: 16902

Ion Ratio Lower Upper

93 100

63 333.2 275.3 412.9

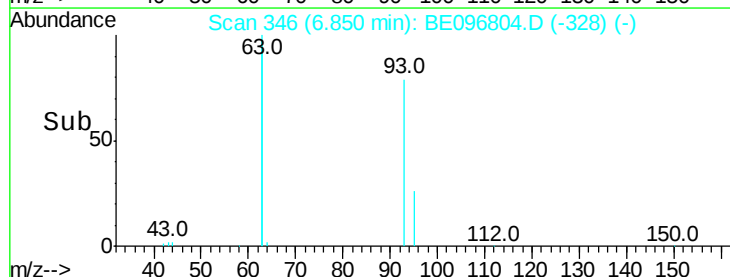
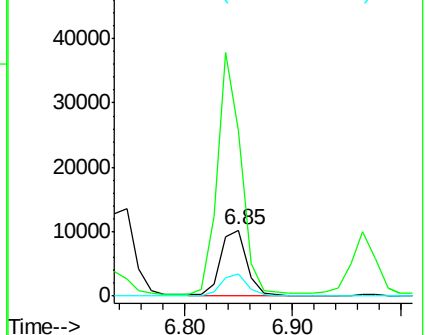
95 31.9 25.2 37.8

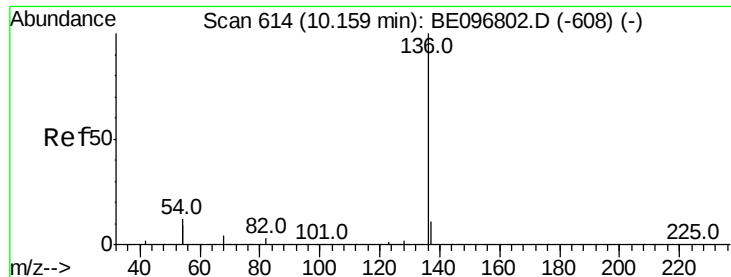


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 13079

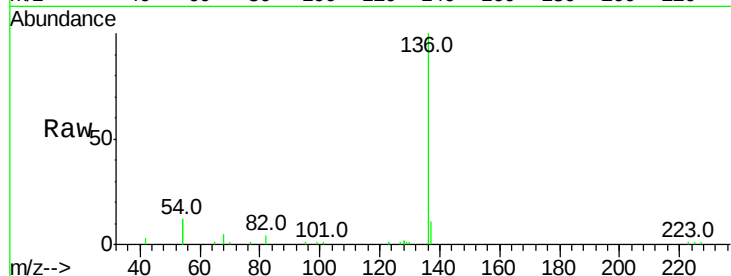
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 24.8 29.1 43.7#

68 5.3 6.2 9.2#

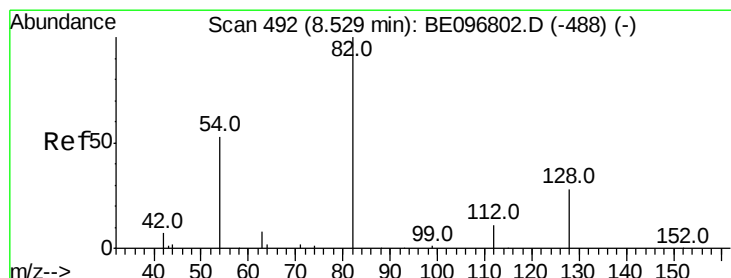
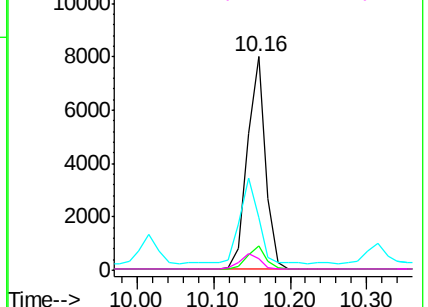
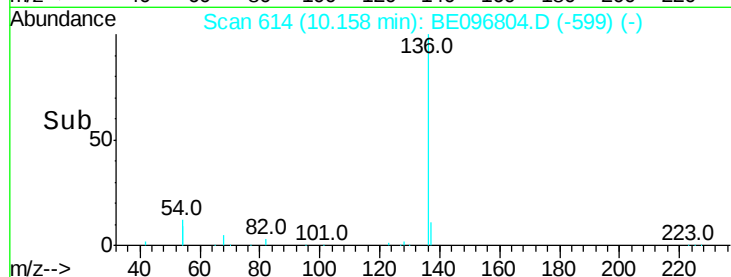


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.418 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

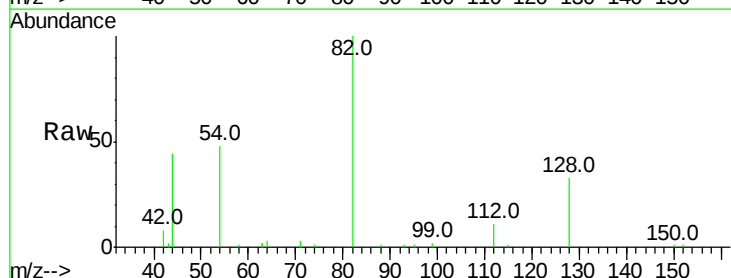
Tgt Ion: 82 Resp: 12268

Ion Ratio Lower Upper

82 100

128 32.6 24.0 36.0

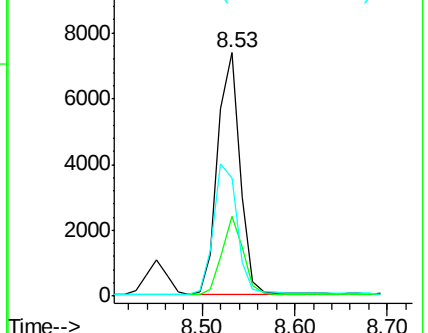
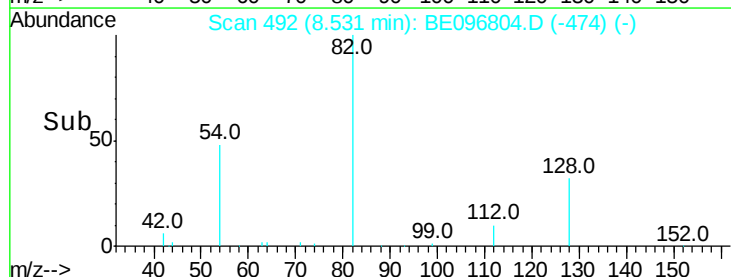
54 48.3 40.0 60.0

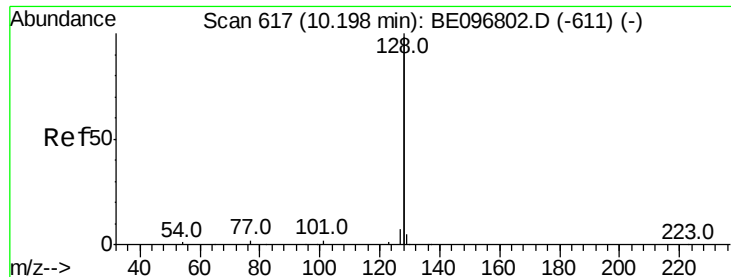


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.630 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

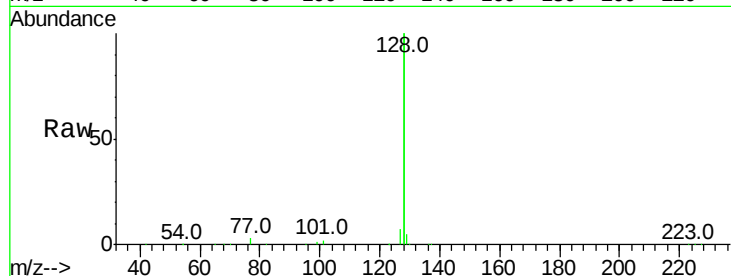
Tot Ion:128 Resp: 208898

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

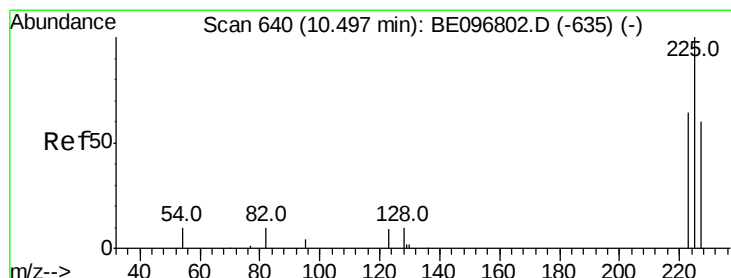
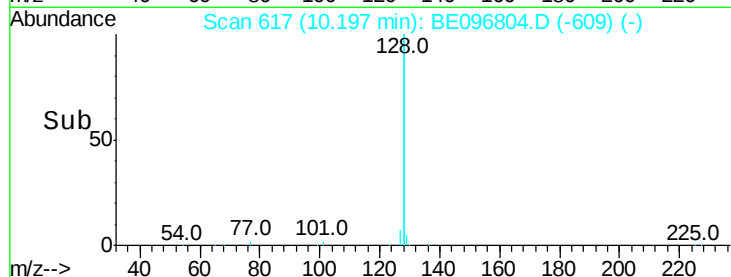
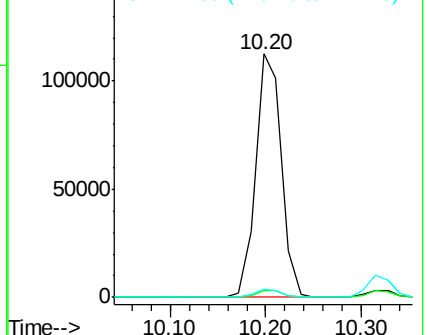
127 3.4 2.8 4.2



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: 1.624 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

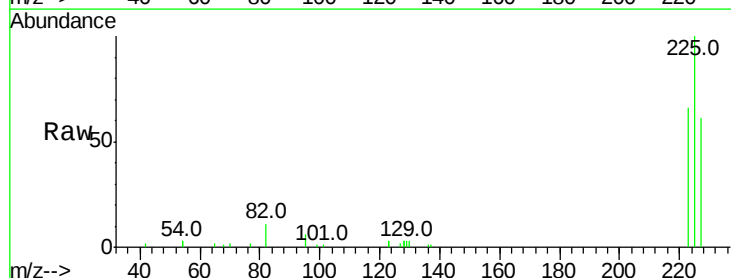
Tgt Ion:225 Resp: 8557

Ion Ratio Lower Upper

225 100

223 63.6 53.0 79.6

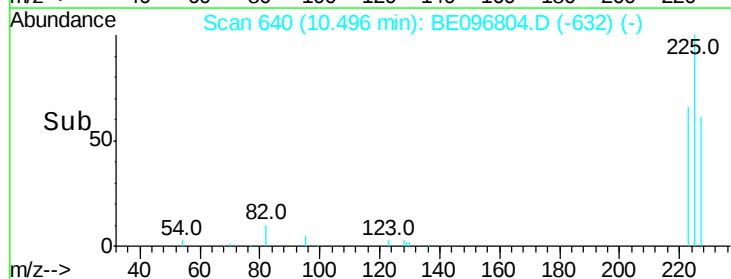
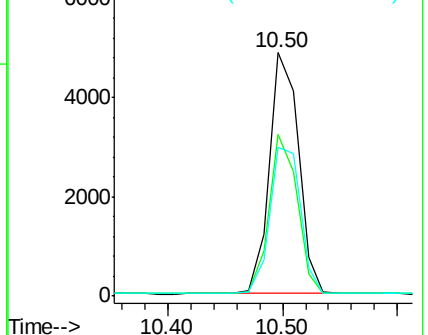
227 64.0 51.4 77.2

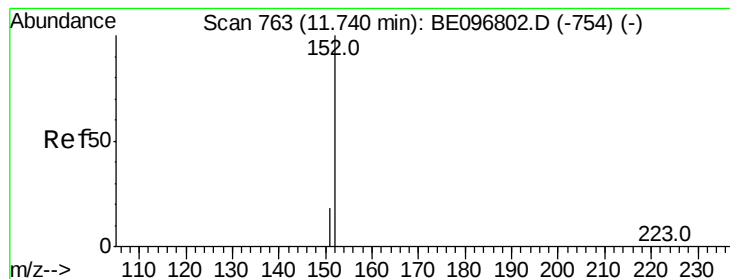


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.616 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

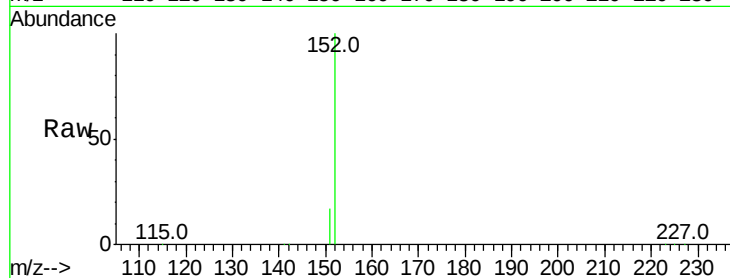
SSTDICC1.6

Tot Ion:152 Resp: 34677

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

25000

20000

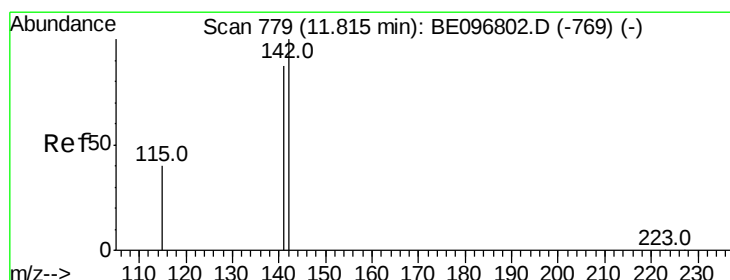
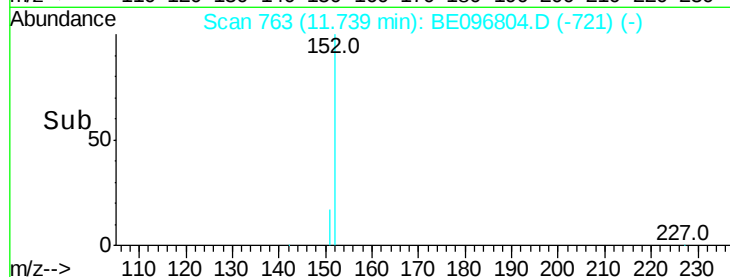
15000

10000

5000

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 1.634 ng

RT: 11.81 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

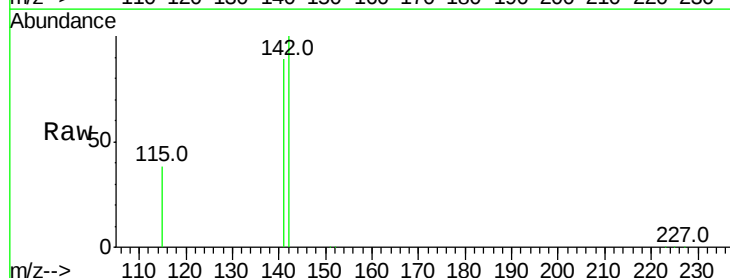
Tgt Ion:142 Resp: 36069

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6

115 38.1 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

11.81

30000

25000

20000

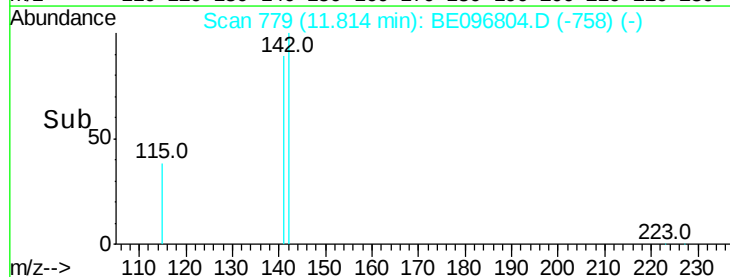
15000

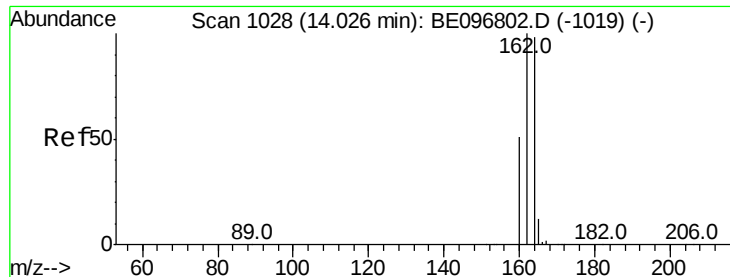
10000

5000

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

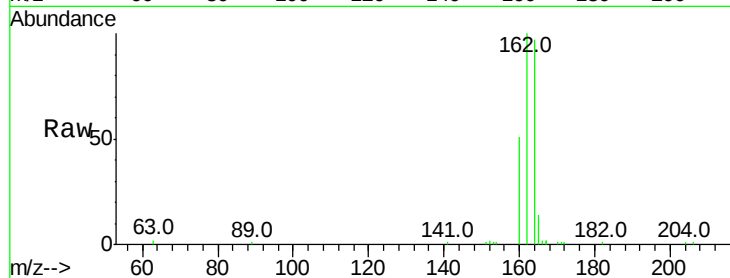
Tot Ion:164 Resp: 7462

Ion Ratio Lower Upper

164 100

162 102.9 83.1 124.7

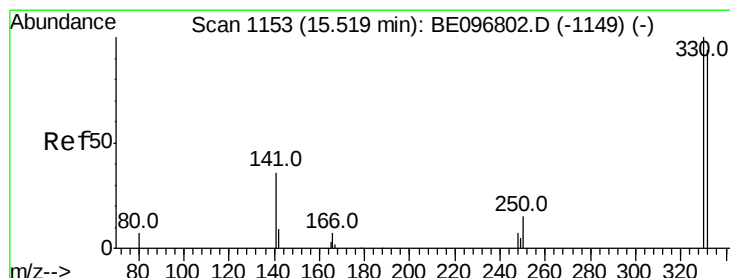
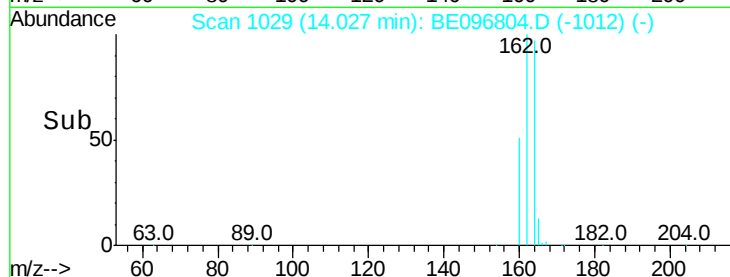
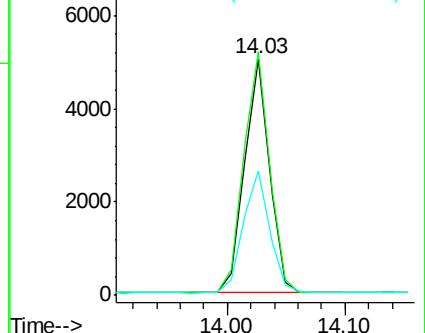
160 52.6 37.1 55.7



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: 1.285 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

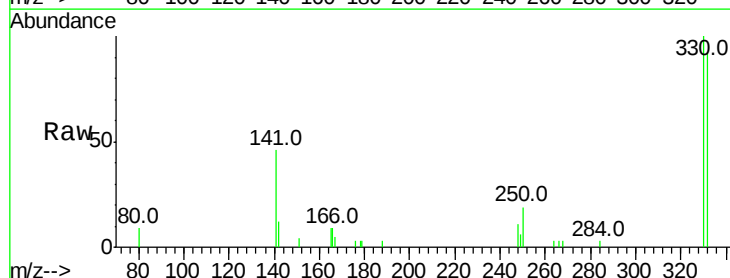
Tgt Ion:330 Resp: 3082

Ion Ratio Lower Upper

330 100

332 94.4 152.7 229.1#

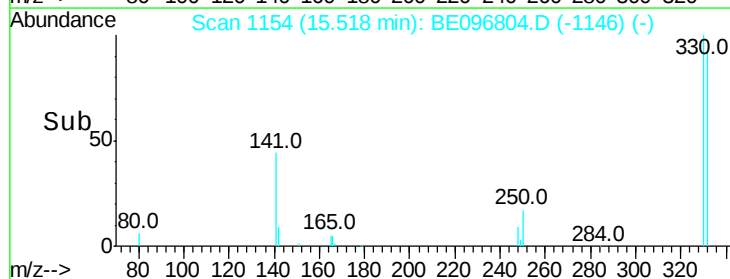
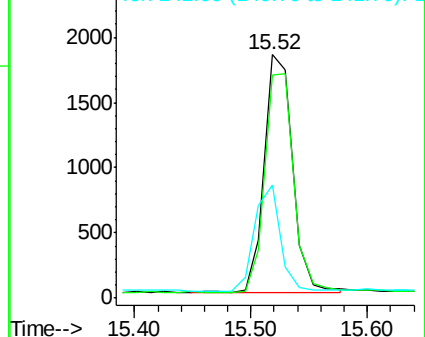
141 41.1 33.7 50.5

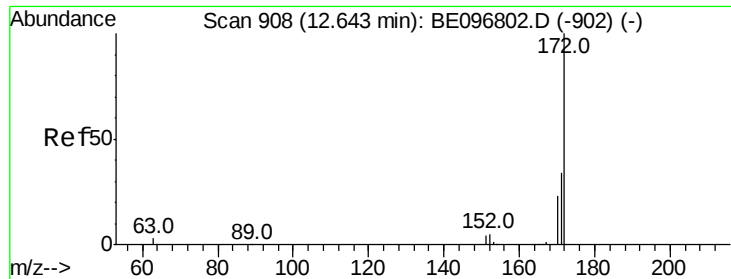


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

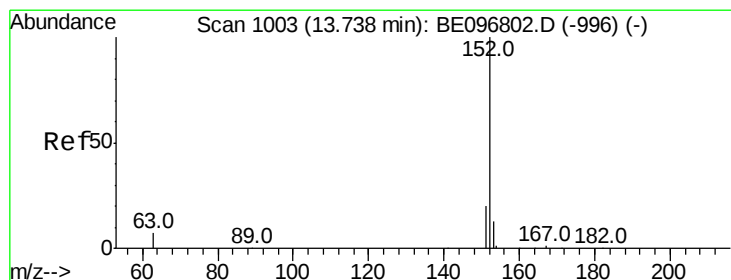
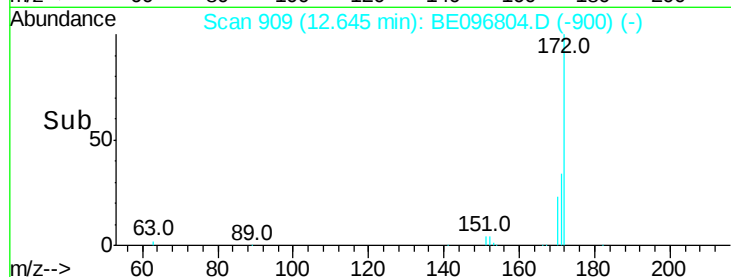
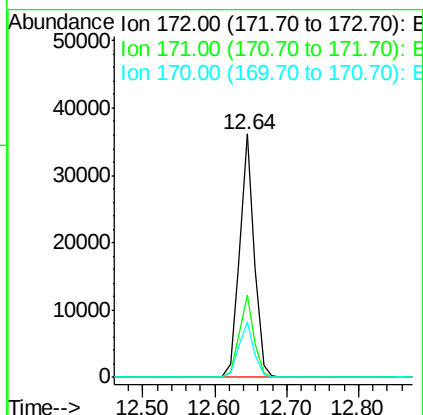
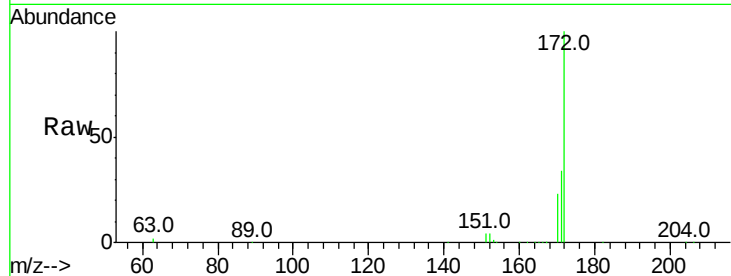




#15
2-Fluorobiphenyl
Concen: 1.707 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096804.D
Acq: 18 Jun 2018 12:03

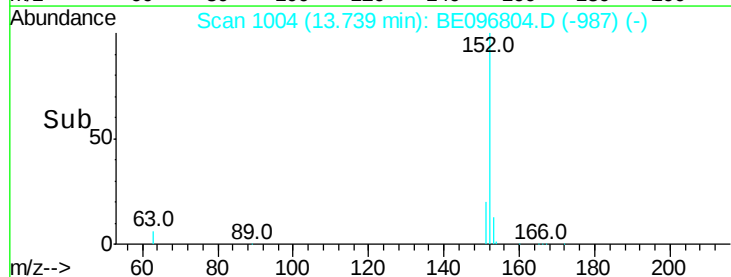
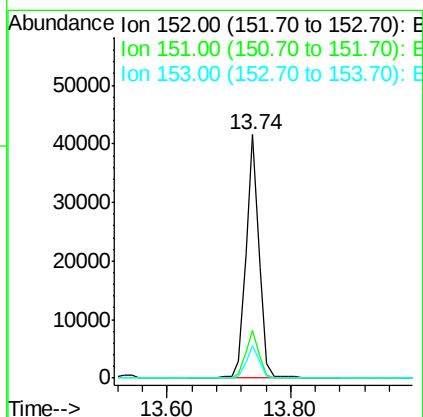
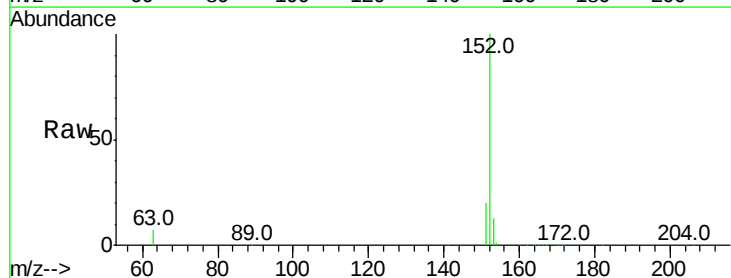
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

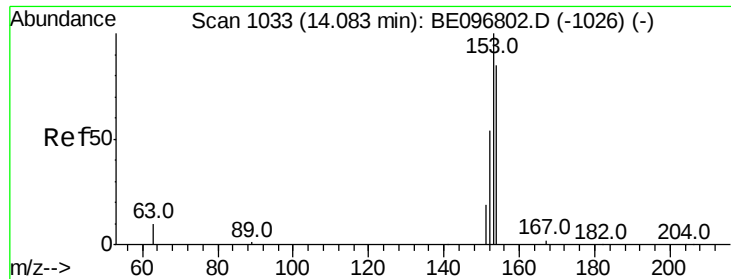
Tot Ion:172 Resp: 50158
Ion Ratio Lower Upper
172 100
171 33.8 29.9 44.9
170 22.9 21.8 32.8



#16
Acenaphthylene
Concen: 1.683 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096804.D
Acq: 18 Jun 2018 12:03

Tgt Ion:152 Resp: 60759
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 1.665 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

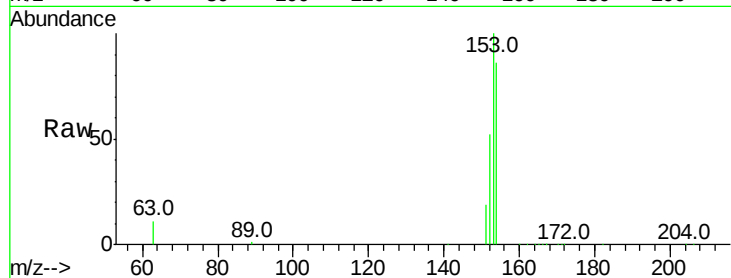
Tot Ion:154 Resp: 39597

Ion Ratio Lower Upper

154 100

153 113.7 89.2 133.8

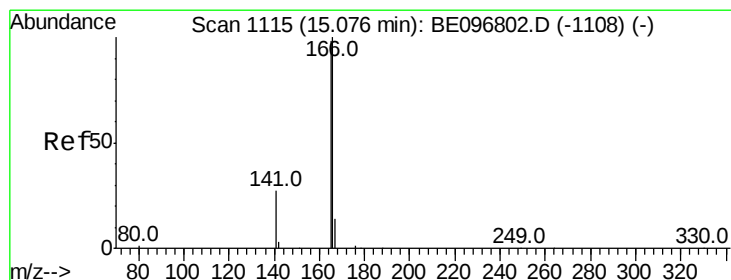
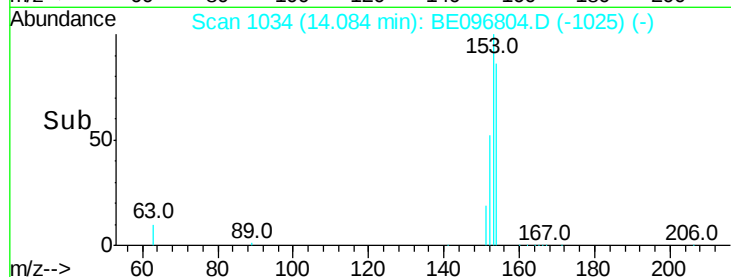
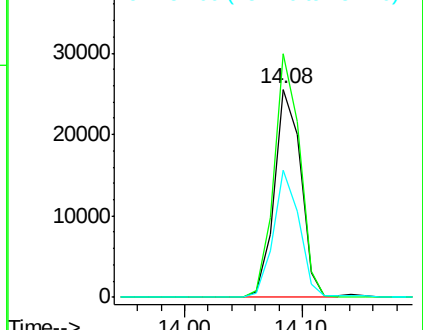
152 59.5 42.0 63.0



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: 1.674 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

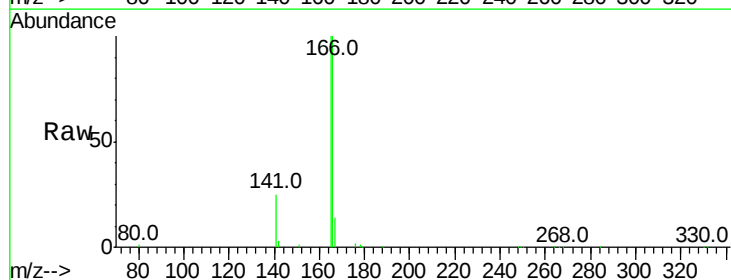
Tgt Ion:166 Resp: 47918

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

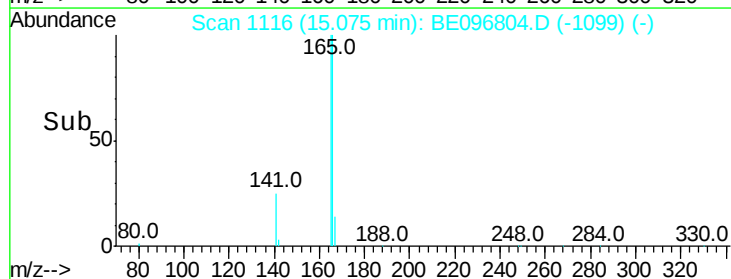
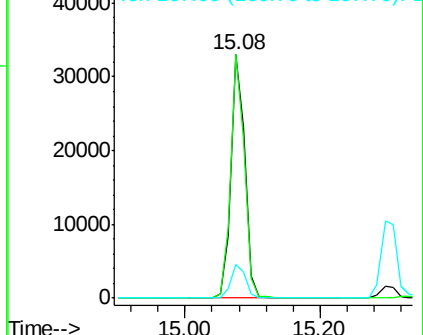
167 14.2 42.4 63.6#

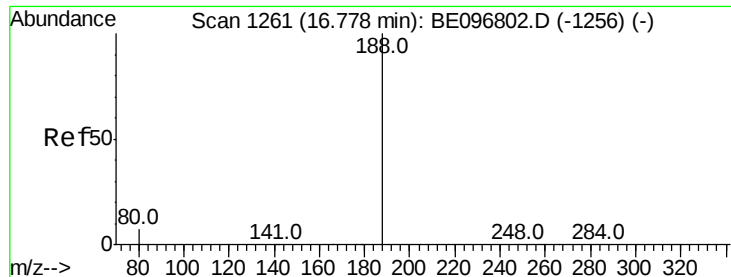


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

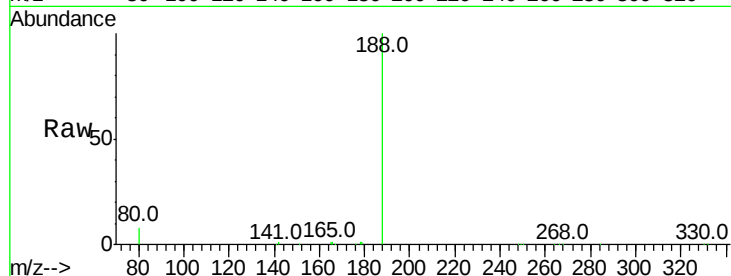
Tot Ion:188 Resp: 19900

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

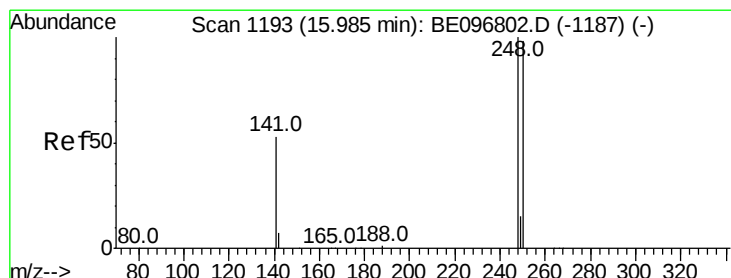
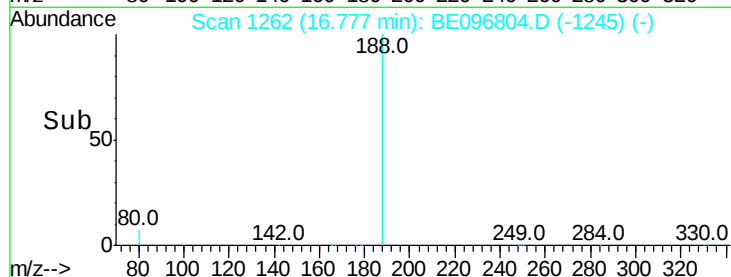
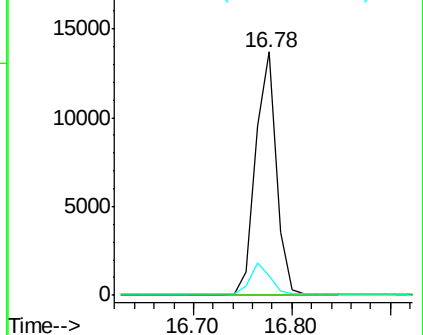
80 8.0 3.6 5.4#



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: 1.697 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

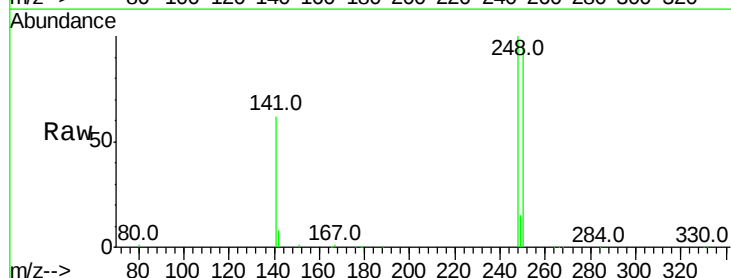
Tgt Ion:248 Resp: 16688

Ion Ratio Lower Upper

248 100

250 95.8 62.7 94.1#

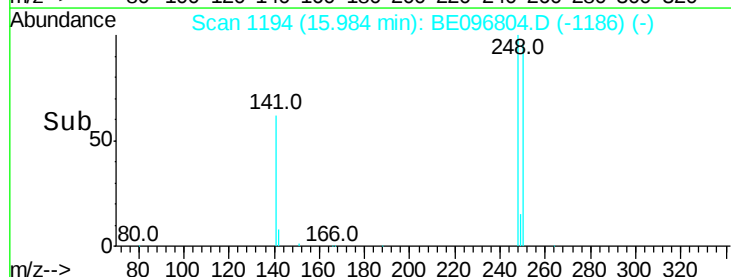
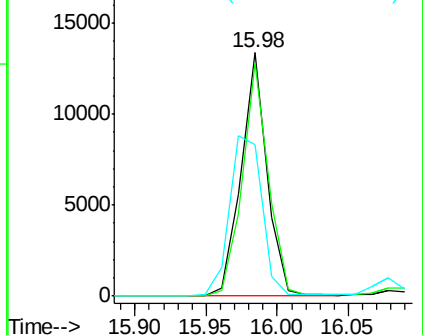
141 62.0 48.2 72.2

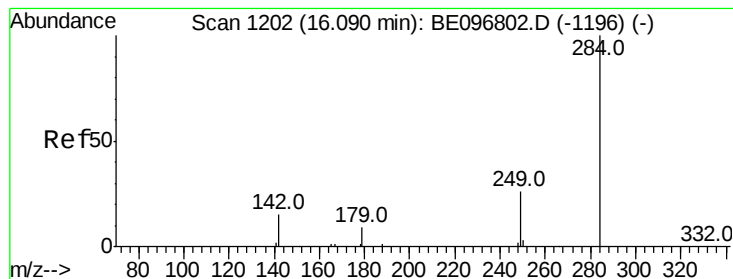


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.649 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

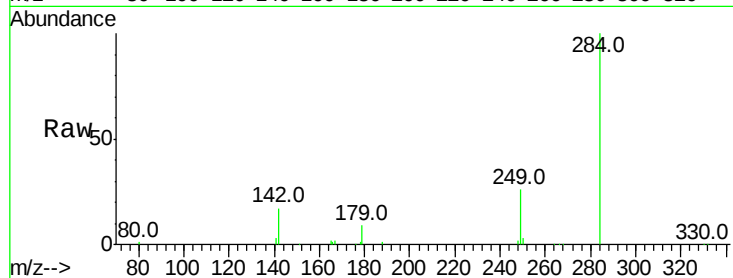
Tot Ion:284 Resp: 18343

Ion Ratio Lower Upper

284 100

142 39.6 22.1 33.1#

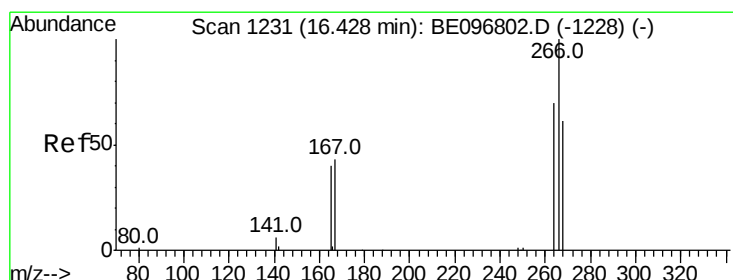
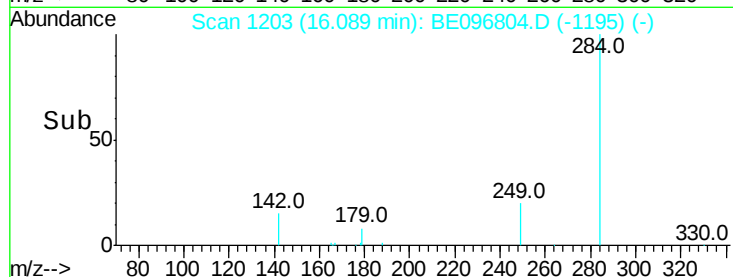
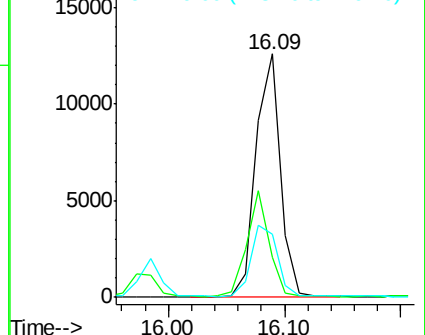
249 31.6 34.8 52.2#



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: 1.403 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

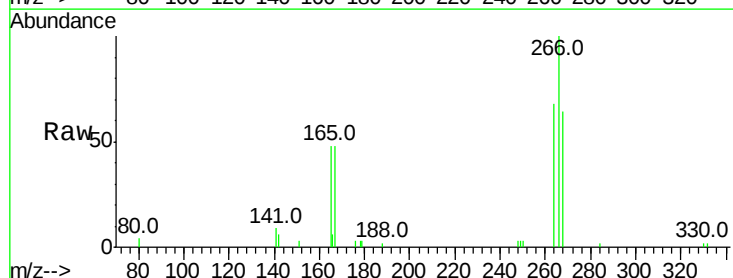
Tgt Ion:266 Resp: 3634

Ion Ratio Lower Upper

266 100

264 68.0 72.5 108.7#

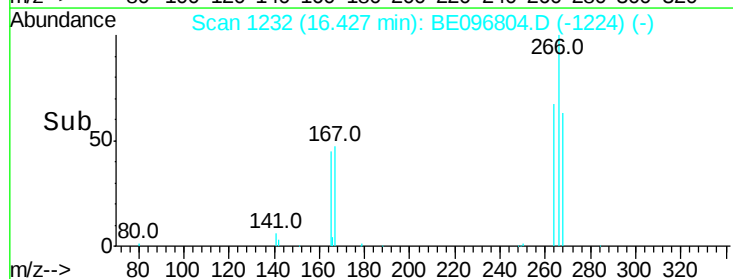
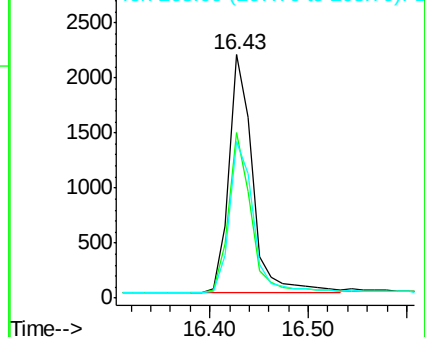
268 64.4 73.8 110.6#

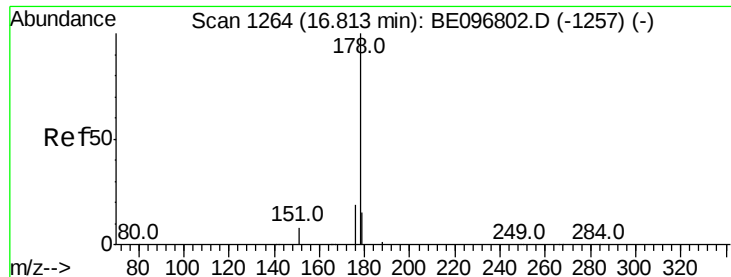


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

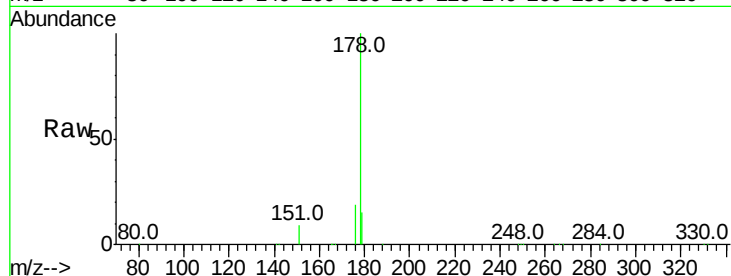




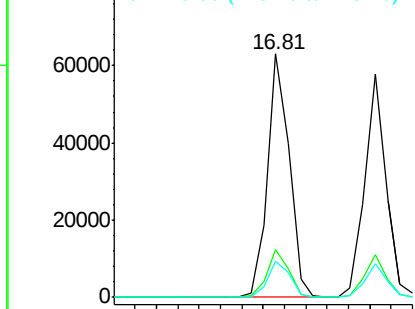
#23
Phenanthrene
Concen: 1.656 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE096804.D
Acq: 18 Jun 2018 12:03

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

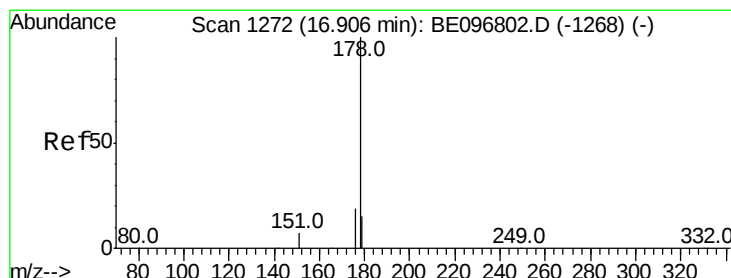
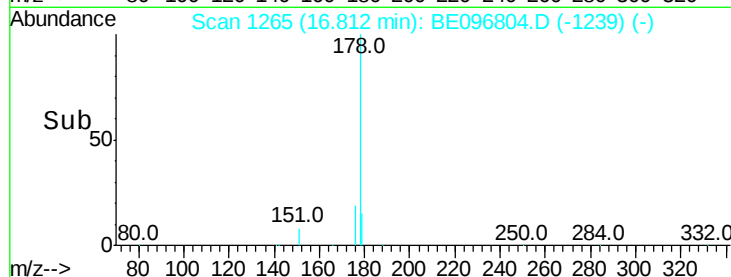
Tot Ion:178 Resp: 89389
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.3 11.8 17.6



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

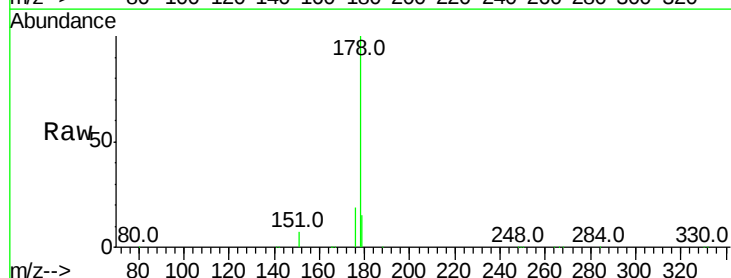


Time-->

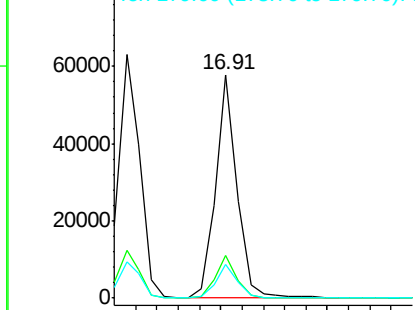


#24
Anthracene
Concen: 1.714 ng
RT: 16.91 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE096804.D
Acq: 18 Jun 2018 12:03

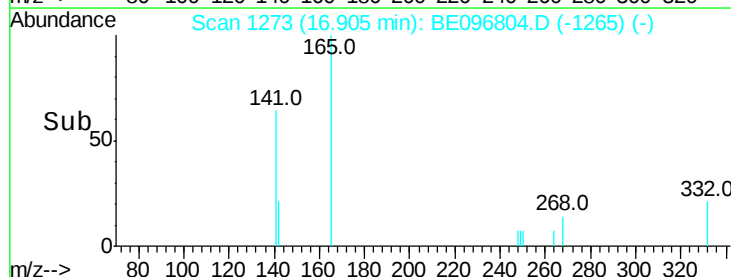
Tgt Ion:178 Resp: 79119
Ion Ratio Lower Upper
178 100
176 18.8 12.8 19.2
179 15.2 13.0 19.6

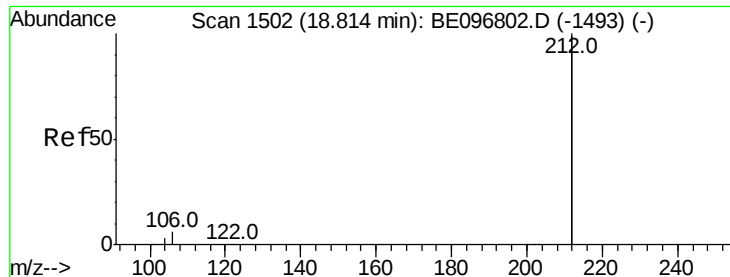


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 1.685 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

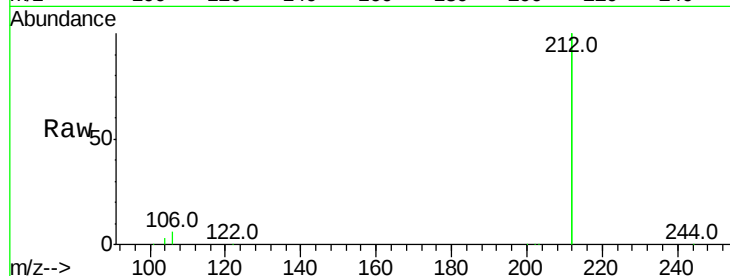
Tot Ion:212 Resp: 344245

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

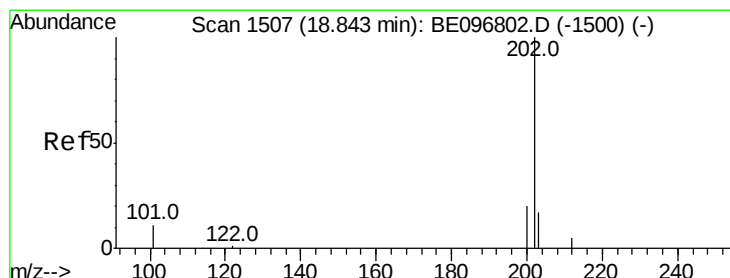
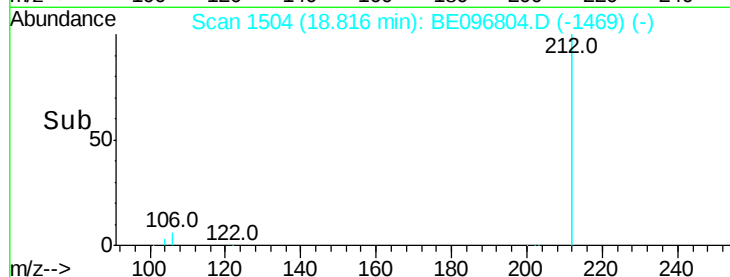
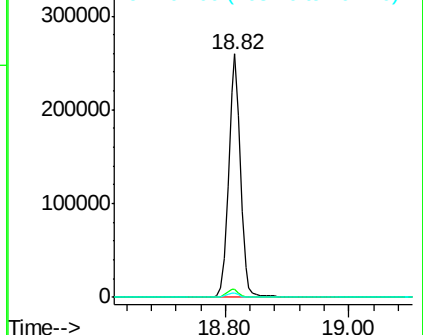
104 1.9 1.6 2.4



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: 1.745 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

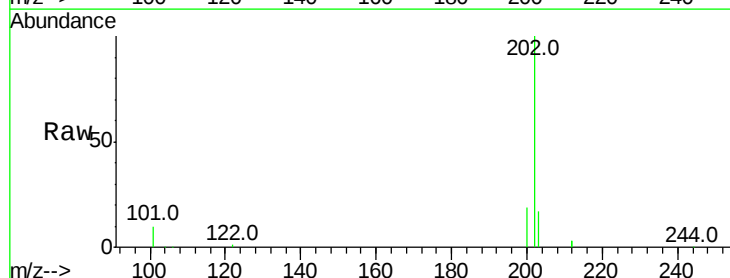
Tgt Ion:202 Resp: 103725

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

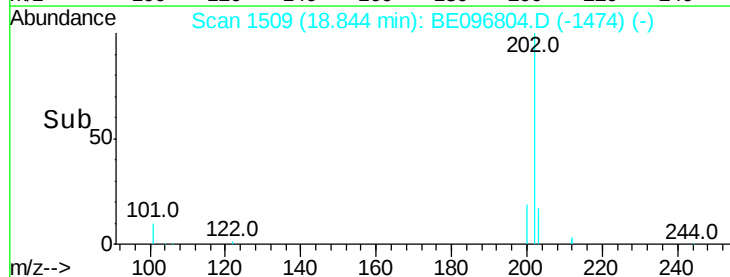
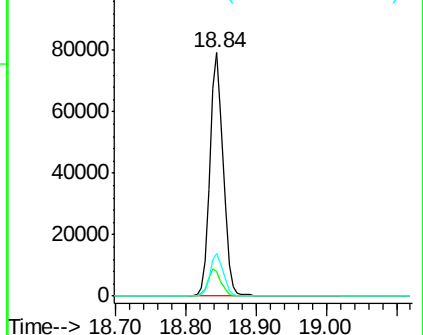
203 17.4 13.7 20.5

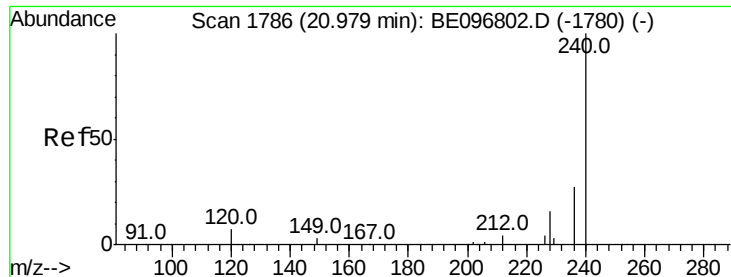


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

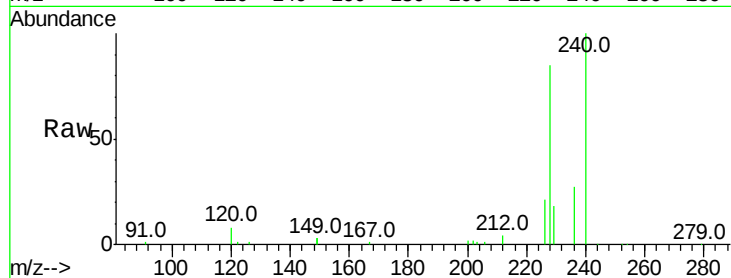
Tot Ion:240 Resp: 19524

Ion Ratio Lower Upper

240 100

120 7.5 5.5 8.3

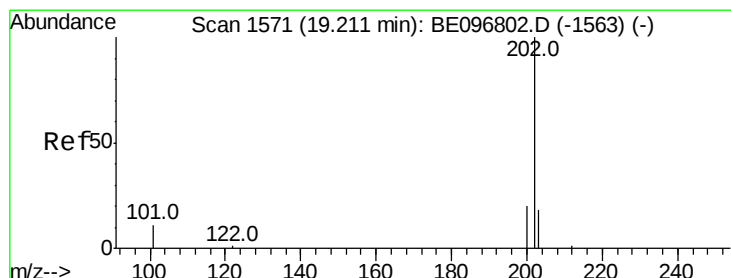
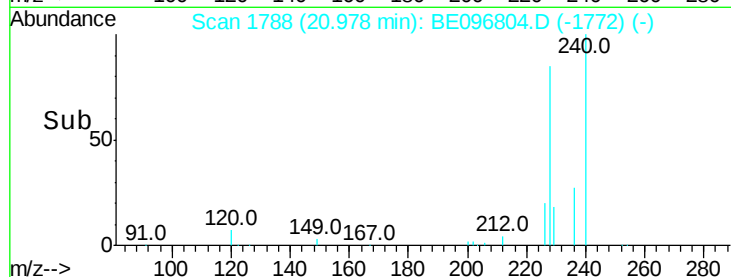
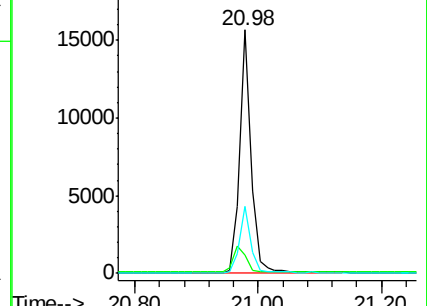
236 27.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.586 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

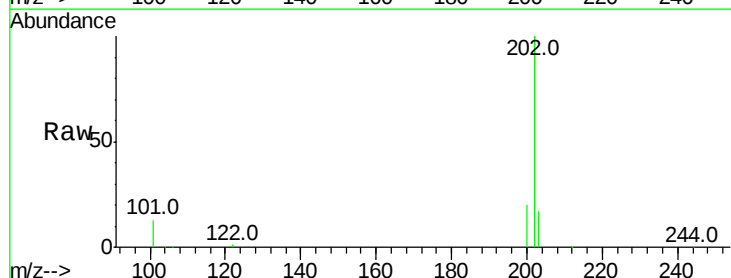
Tgt Ion:202 Resp: 99565

Ion Ratio Lower Upper

202 100

200 19.9 16.6 25.0

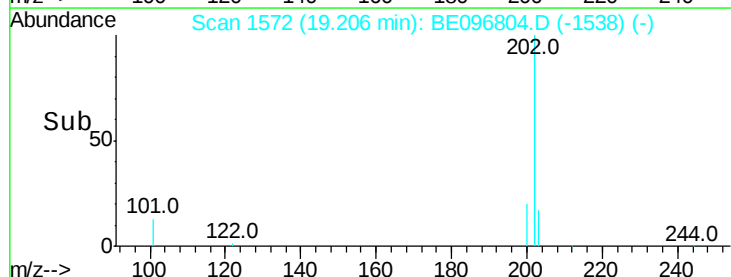
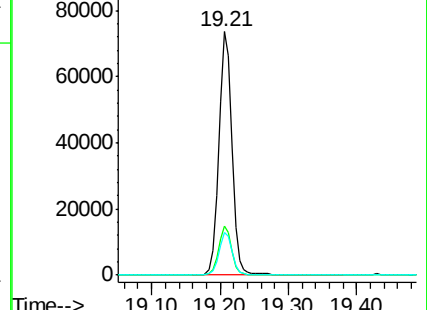
203 17.5 13.8 20.8

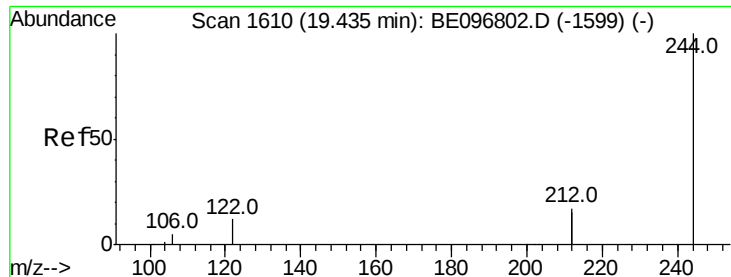


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.613 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

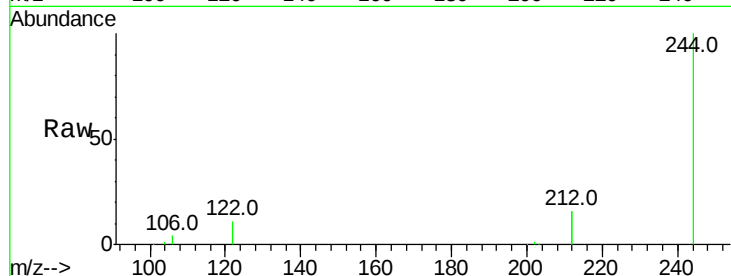
Tot Ion:244 Resp: 69327

Ion Ratio Lower Upper

244 100

212 31.2 25.4 38.0

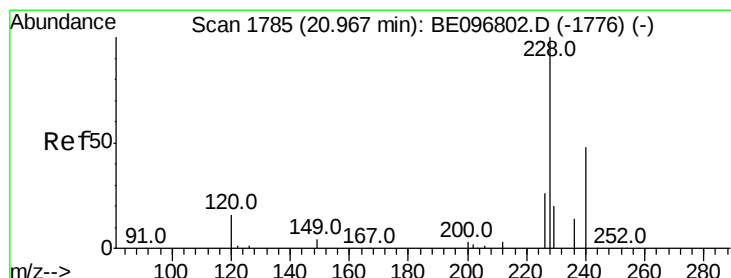
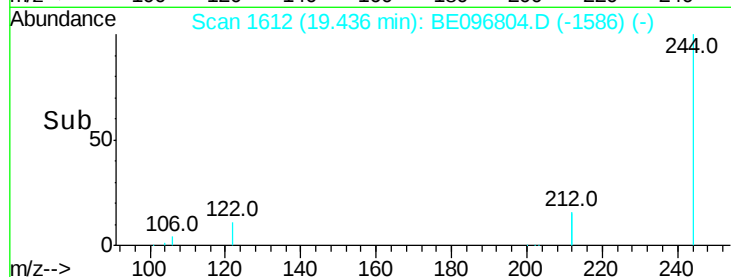
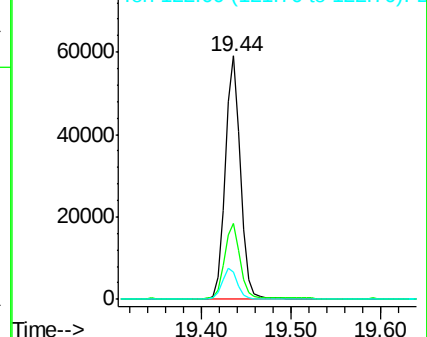
122 11.3 8.1 12.1



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: 1.592 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

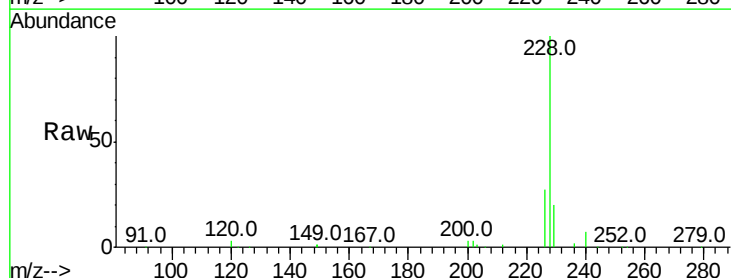
Tgt Ion:228 Resp: 82055

Ion Ratio Lower Upper

228 100

226 26.6 24.0 36.0

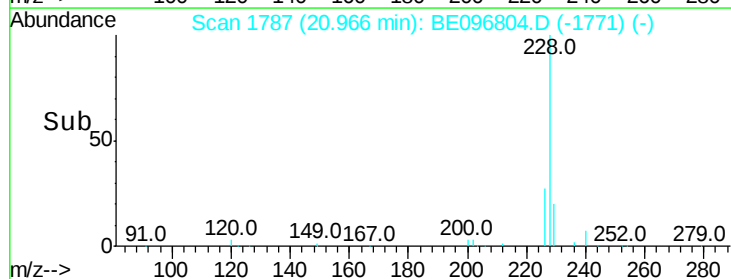
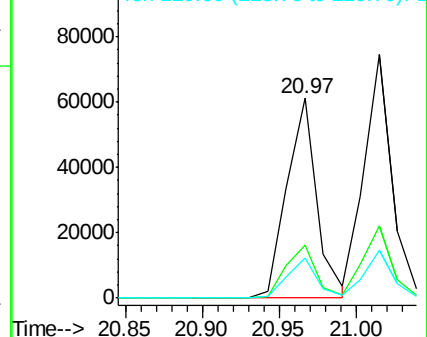
229 20.1 16.0 24.0

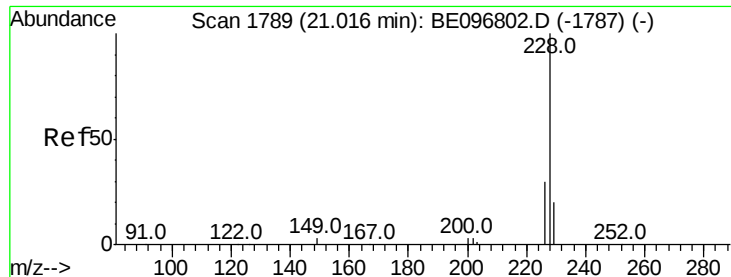


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.583 ng

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

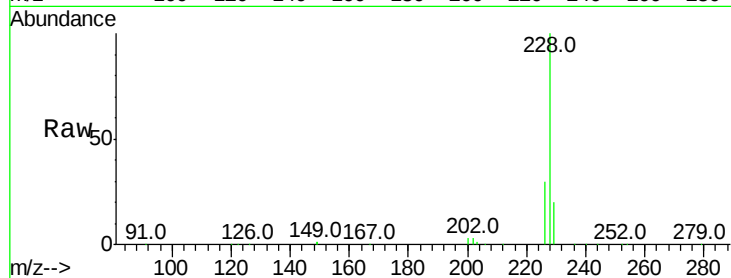
BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:228 Resp: 94217

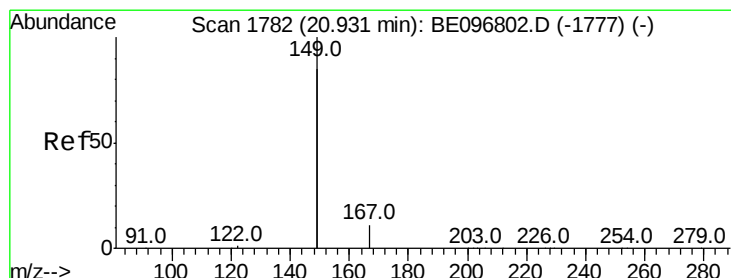
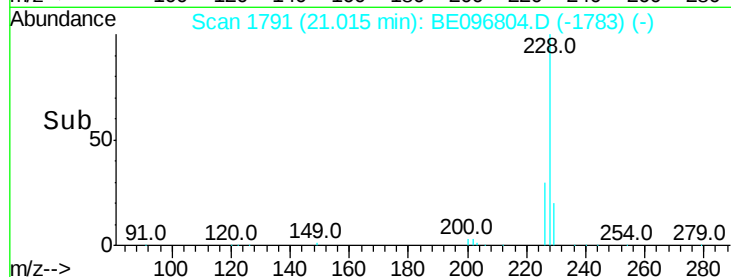
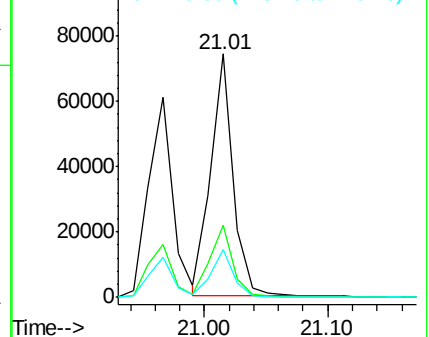
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.8	16.0	24.0



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: 1.201 ng

RT: 20.94 min Scan# 1785

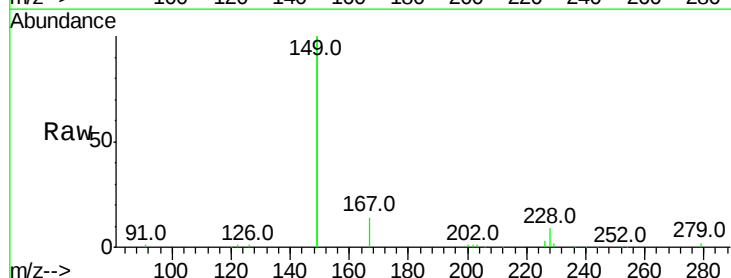
Delta R.T. 0.01 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Tgt Ion:149 Resp: 59164

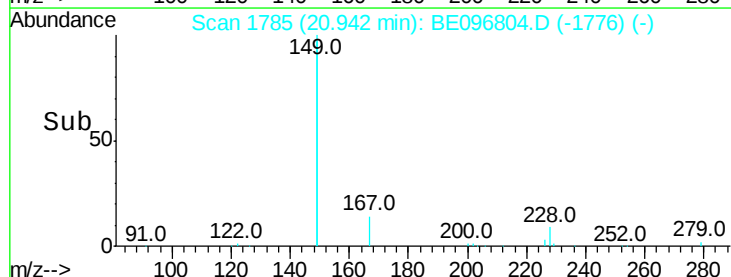
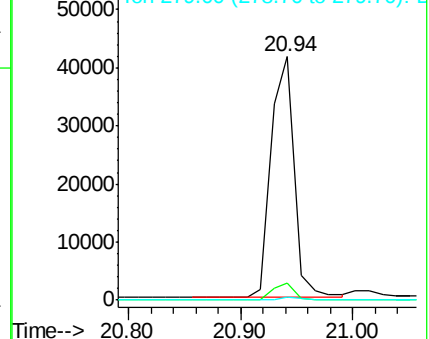
Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.8	0.7	1.1

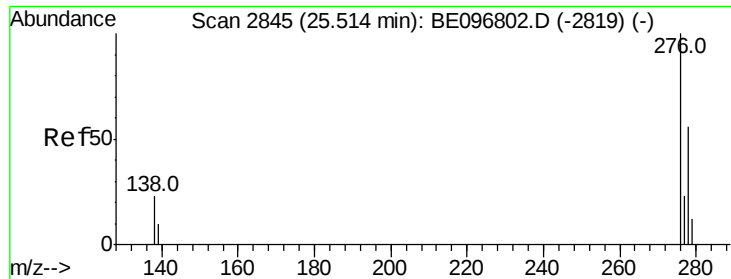


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

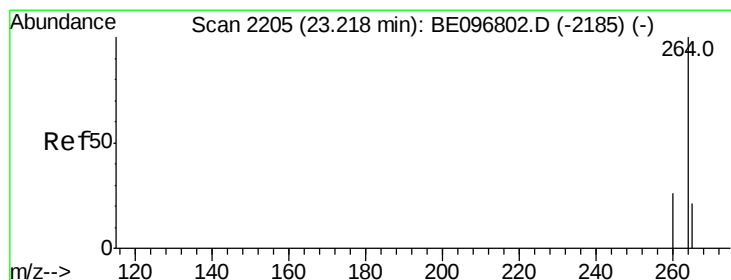
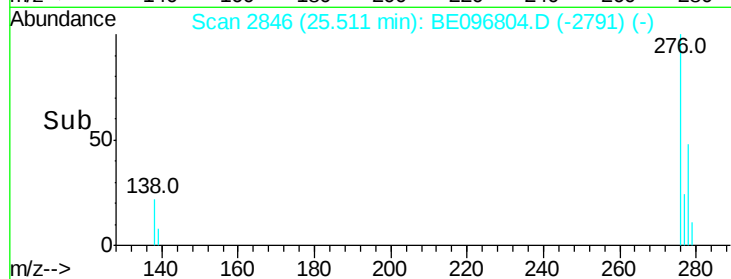
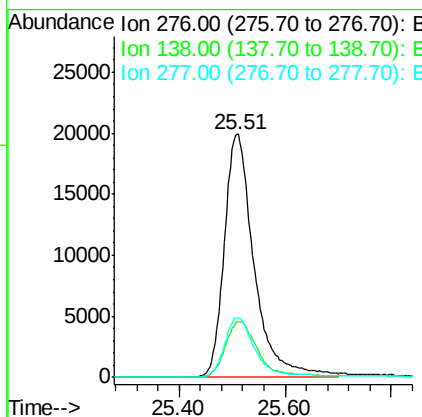
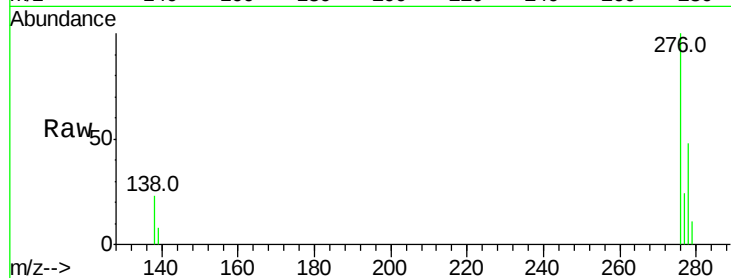




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.502 ng
 RT: 25.51 min Scan# 2846
 Delta R.T. -0.00 min
 Lab File: BE096804.D
 Acq: 18 Jun 2018 12:03

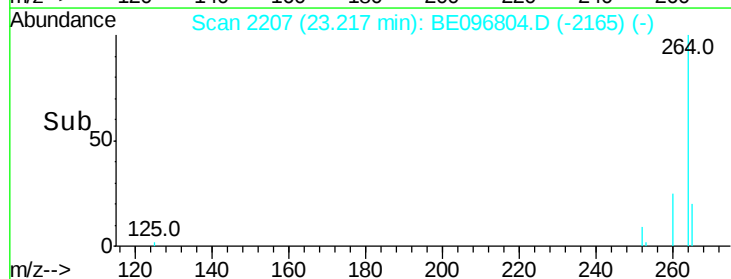
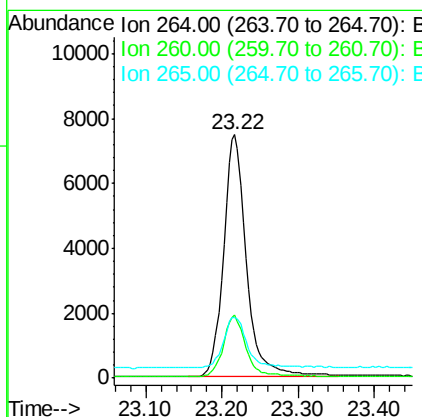
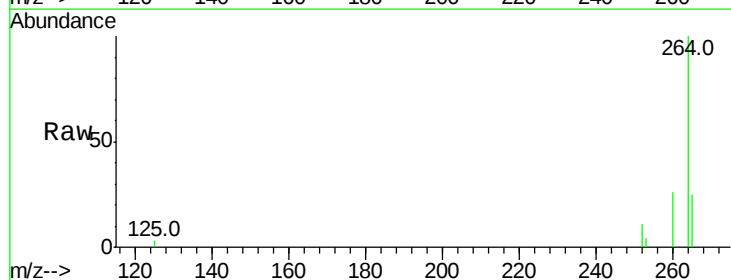
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

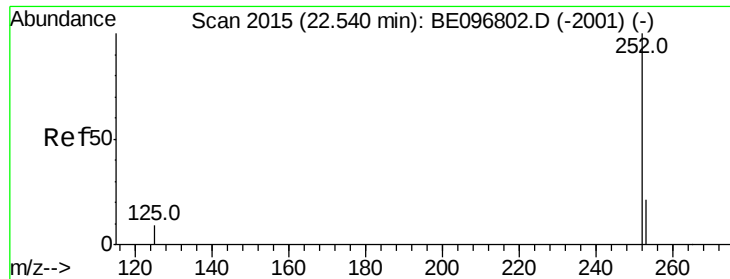
Tot Ion:276 Resp: 77307
 Ion Ratio Lower Upper
 276 100
 138 24.5 22.5 33.7
 277 25.0 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE096804.D
 Acq: 18 Jun 2018 12:03

Tgt Ion:264 Resp: 15505
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 24.8 22.8 34.2

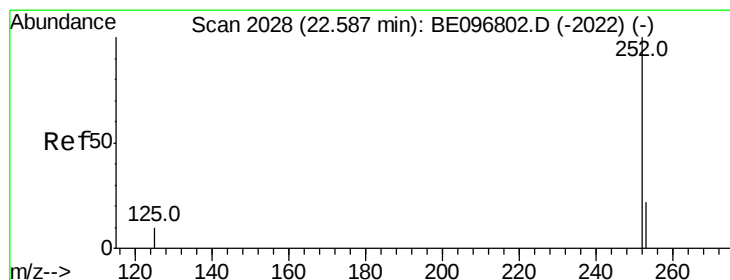
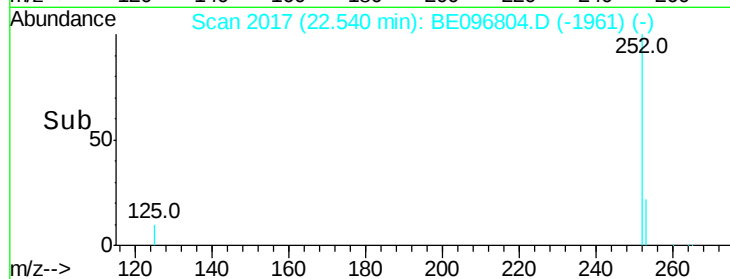
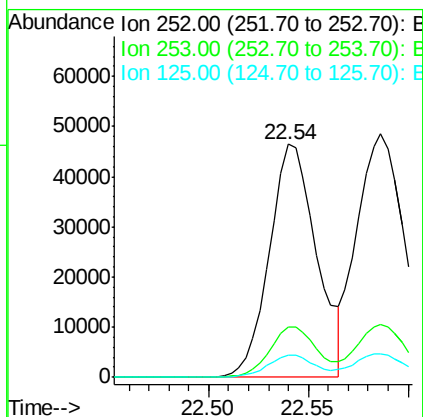
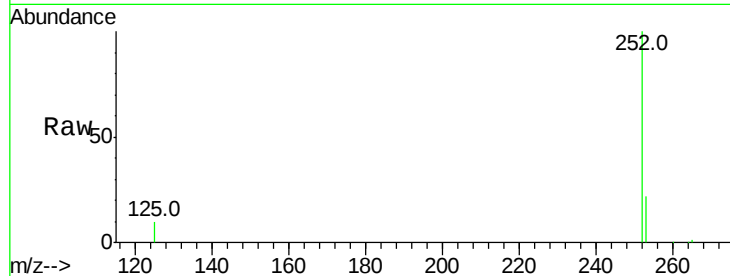




#35
Benzo(b)fluoranthene
Concen: 1.724 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE096804.D
Acq: 18 Jun 2018 12:03

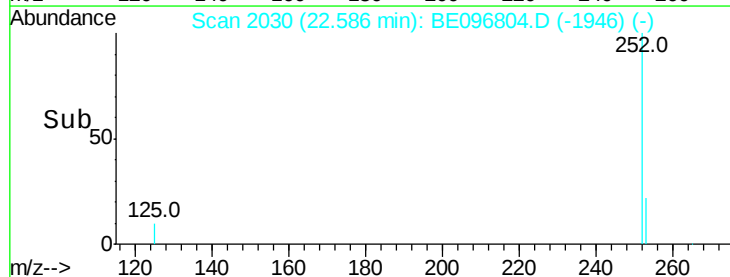
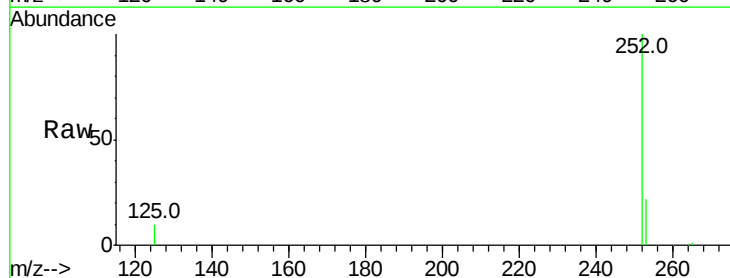
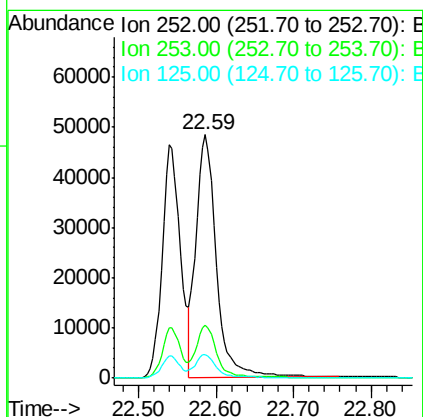
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

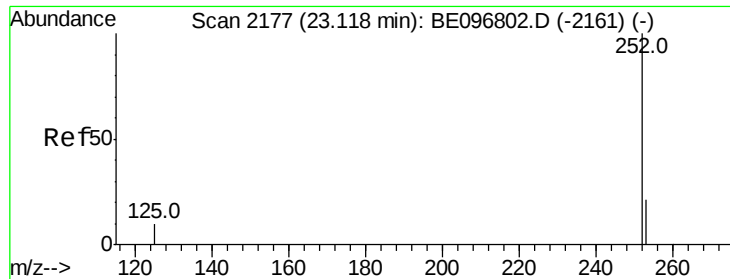
Tot Ion:252 Resp: 75917
Ion Ratio Lower Upper
252 100
253 21.8 20.0 30.0
125 9.8 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 1.749 ng
RT: 22.59 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE096804.D
Acq: 18 Jun 2018 12:03

Tgt Ion:252 Resp: 87937
Ion Ratio Lower Upper
252 100
253 21.8 16.0 24.0
125 9.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 1.665 ng

RT: 23.12 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

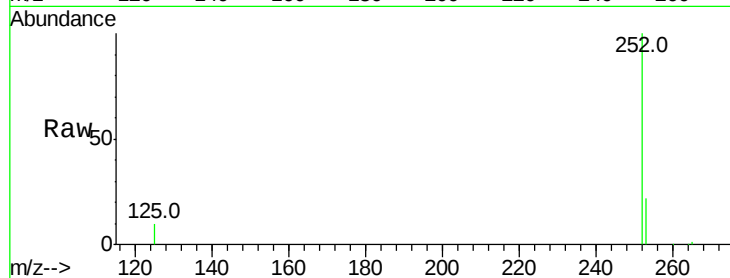
Tot Ion:252 Resp: 65765

Ion Ratio Lower Upper

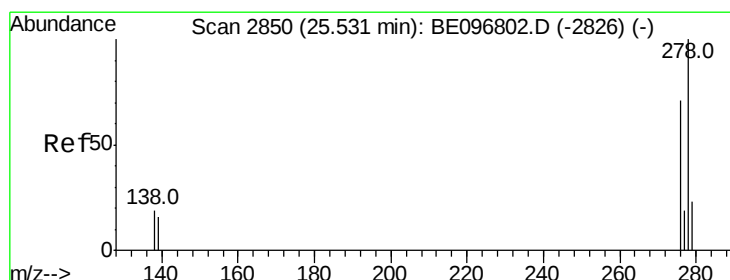
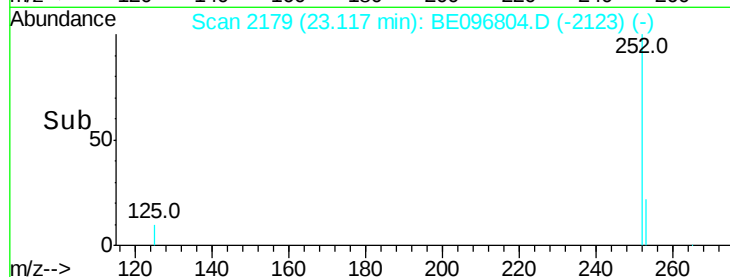
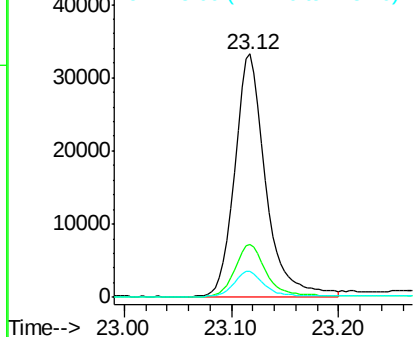
252 100

253 22.0 16.0 24.0

125 10.4 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: 1.708 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE096804.D

Acq: 18 Jun 2018 12:03

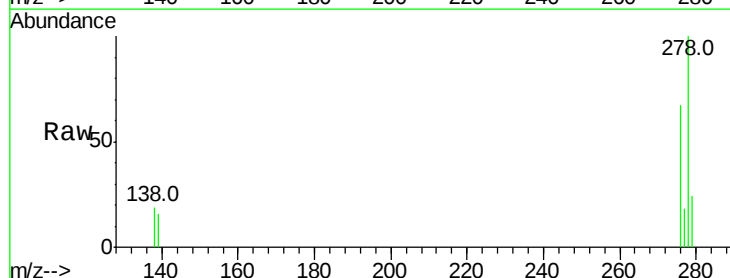
Tgt Ion:278 Resp: 66448

Ion Ratio Lower Upper

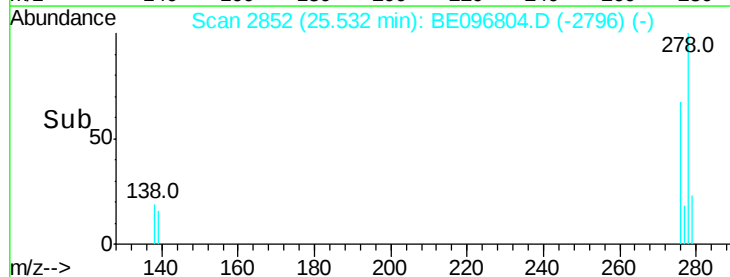
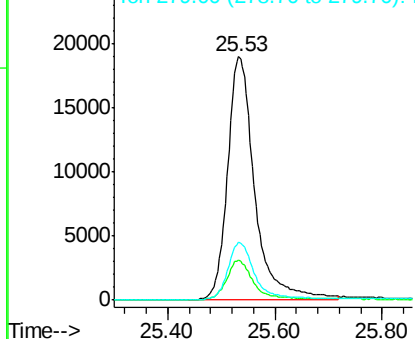
278 100

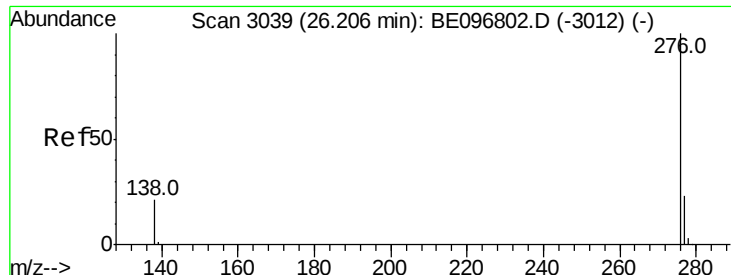
139 16.3 16.0 24.0

279 23.7 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: 1.660 ng

RT: 26.20 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BE096804.D

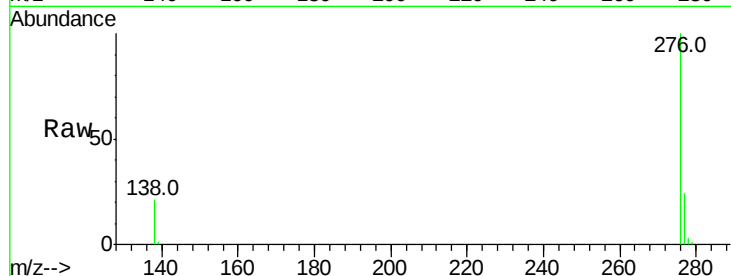
Acq: 18 Jun 2018 12:03

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



Tot Ion:276 Resp: 68324

Ion Ratio Lower Upper

276 100

277 23.6 16.0 24.0

138 21.5 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

