

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
 Data File : BE096802.D
 Acq On : 18 Jun 2018 10:51
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 18 11:40:52 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	2738	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13316	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7664	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	20977	0.40	ng	0.00
27) Chrysene-d12	20.98	240	16779	0.40	ng	0.00
34) Perylene-d12	23.22	264	13896	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	2157	0.29	ng	0.00
5) Phenol-d6	6.59	99	3151	0.28	ng	0.00
8) Nitrobenzene-d5	8.53	82	2649	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	7971	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	513	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	11664	0.39	ng	0.00
25) Fluoranthene-d10	18.81	212	71685	0.33	ng	0.00
29) Terphenyl-d14	19.43	244	14228	0.39	ng	0.00

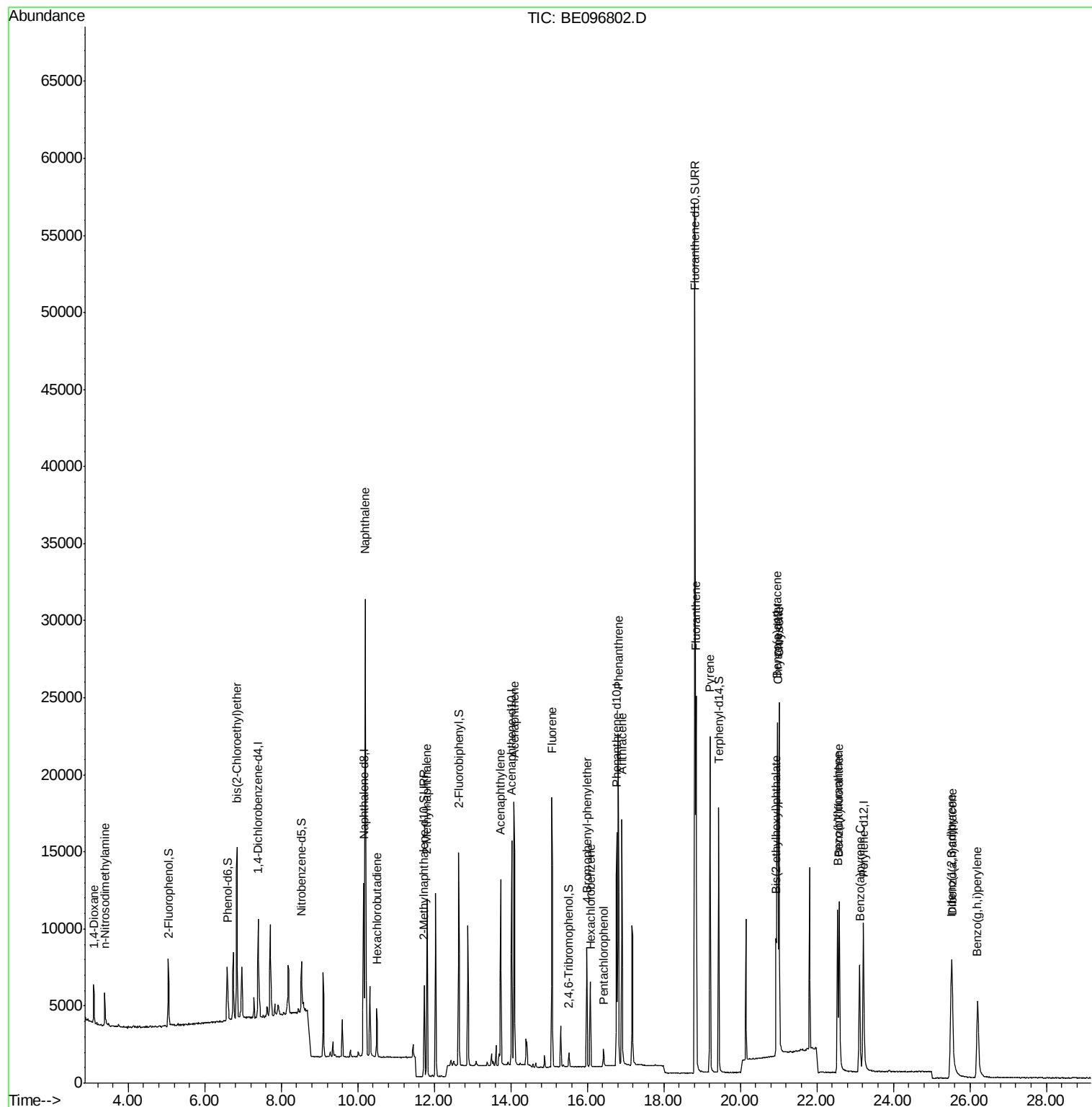
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1749	0.395	ng	# 87
3) n-Nitrosodimethylamine	3.38	42	1734	0.350	ng	# 85
6) bis(2-Chloroethyl)ether	6.85	93	3890	0.360	ng	99
9) Naphthalene	10.20	128	49243	0.377	ng	99
10) Hexachlorobutadiene	10.50	225	2105	0.392	ng	99
12) 2-Methylnaphthalene	11.82	142	8131	0.362	ng	99
16) Acenaphthylene	13.74	152	12608	0.340	ng	99
17) Acenaphthene	14.08	154	8823	0.361	ng	95
18) Fluorene	15.08	166	10260	0.349	ng	# 80
20) 4-Bromophenyl-phenylether	15.99	248	3715	0.358	ng	# 84
21) Hexachlorobenzene	16.09	284	4435	0.378	ng	# 79
22) Pentachlorophenol	16.43	266	606	0.222	ng	# 77
23) Phenanthrene	16.81	178	20943	0.368	ng	99
24) Anthracene	16.91	178	16121	0.331	ng	95
26) Fluoranthene	18.84	202	21221	0.339	ng	99
28) Pyrene	19.21	202	20311	0.377	ng	99
30) Benzo(a)anthracene	20.97	228	13854	0.313	ng	96
31) Chrysene	21.02	228	18906	0.370	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	10228	0.242	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	13068	0.295	ng	95
35) Benzo(b)fluoranthene	22.54	252	13510	0.342	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	16193	0.359	ng	95
37) Benzo(a)pyrene	23.12	252	11446	0.323	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	10967	0.314	ng	98
39) Benzo(g,h,i)perylene	26.21	276	12566	0.341	ng	# 93

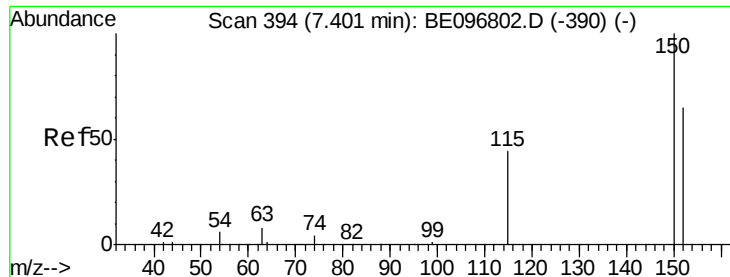
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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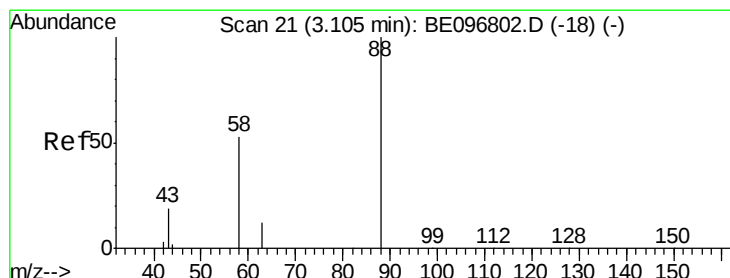
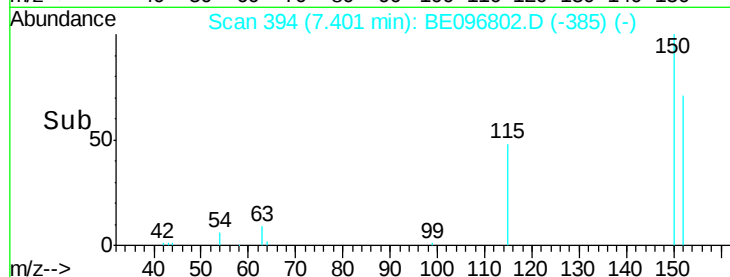
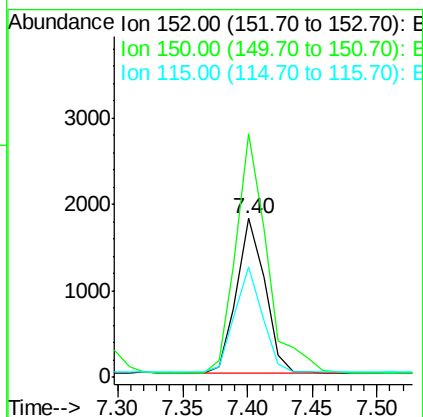
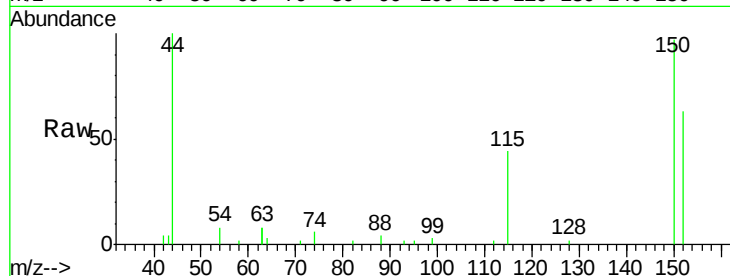


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096802.D
Acq: 18 Jun 2018 10:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

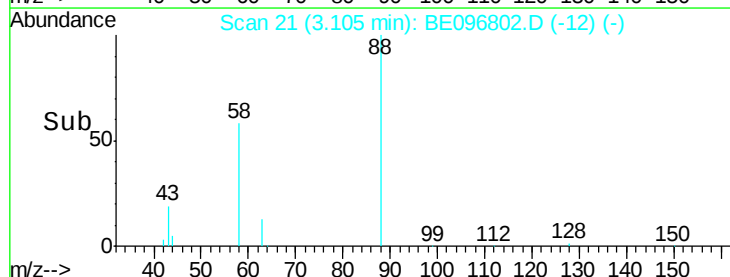
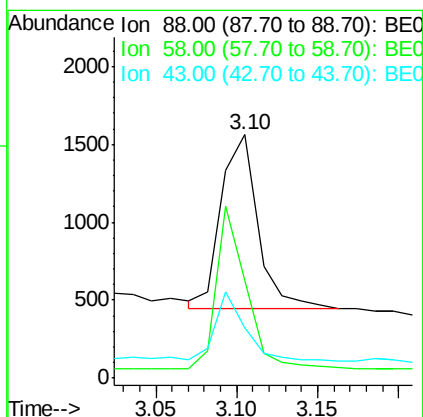
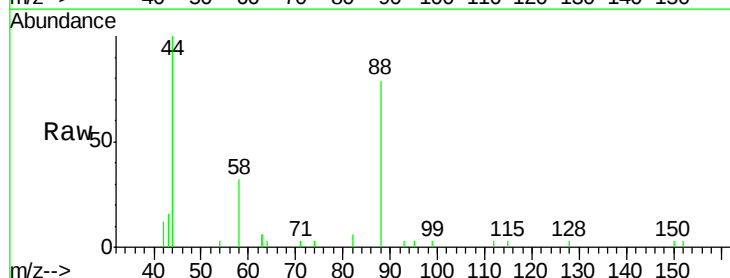
Tgt Ion:152 Resp: 2738
Ion Ratio Lower Upper
152 100
150 153.0 117.2 175.8
115 69.1 57.0 85.6

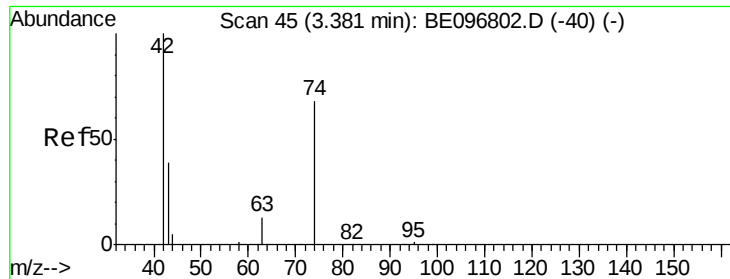


#2

1,4-Dioxane
Concen: 0.395 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.00 min
Lab File: BE096802.D
Acq: 18 Jun 2018 10:51

Tgt Ion: 88 Resp: 1749
Ion Ratio Lower Upper
88 100
58 75.9 63.2 94.8
43 32.9 41.2 61.8#



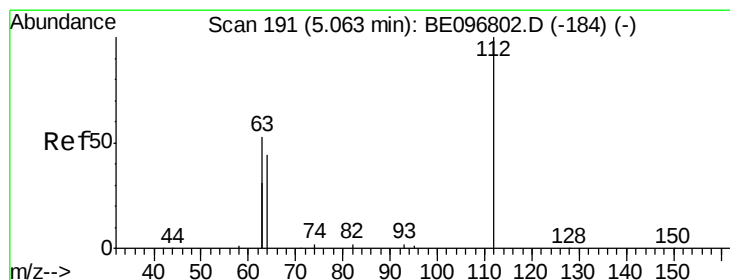
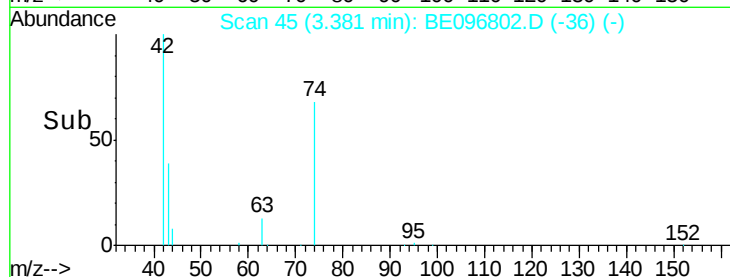
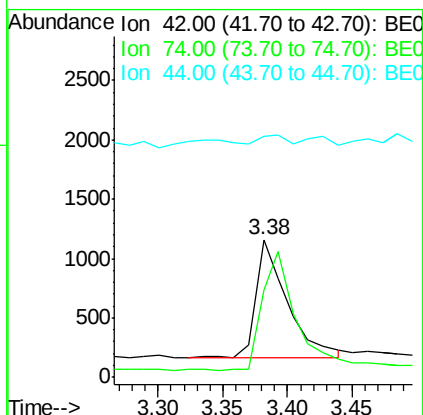
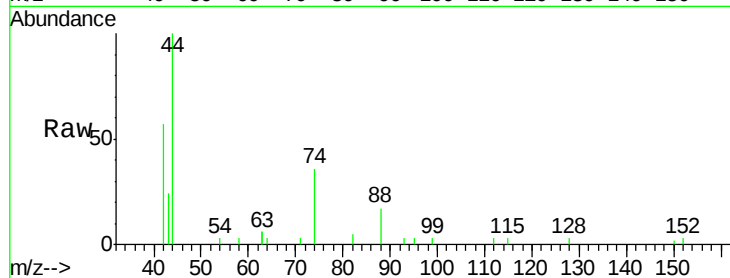


#3

n-Nitrosodimethylamine
 Concen: 0.350 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096802.D
 Acq: 18 Jun 2018 10:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

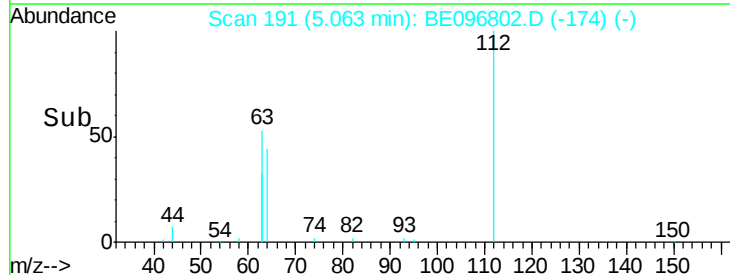
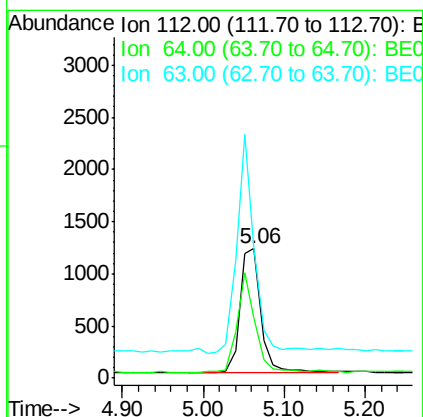
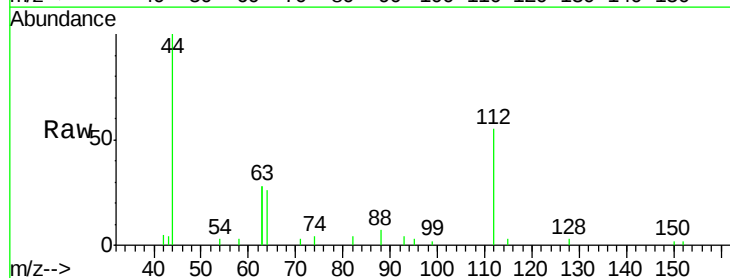
Tgt Ion: 42 Resp: 1734
 Ion Ratio Lower Upper
 42 100
 74 103.9 96.0 144.0
 44 6.6 12.0 18.0#

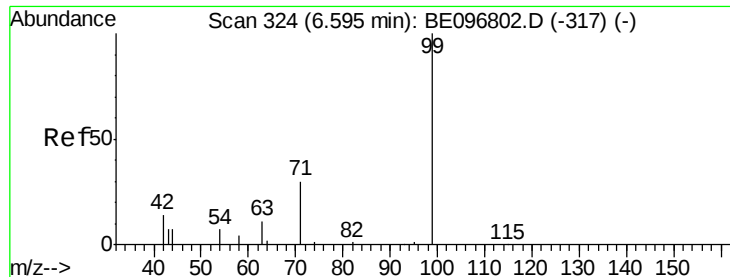


#4

2-Fluorophenol
 Concen: 0.286 ng
 RT: 5.06 min Scan# 191
 Delta R.T. 0.00 min
 Lab File: BE096802.D
 Acq: 18 Jun 2018 10:51

Tgt Ion: 112 Resp: 2157
 Ion Ratio Lower Upper
 112 100
 64 67.7 60.1 90.1
 63 145.1 116.8 175.2





#5

Phenol-d6

Concen: 0.275 ng

RT: 6.59 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

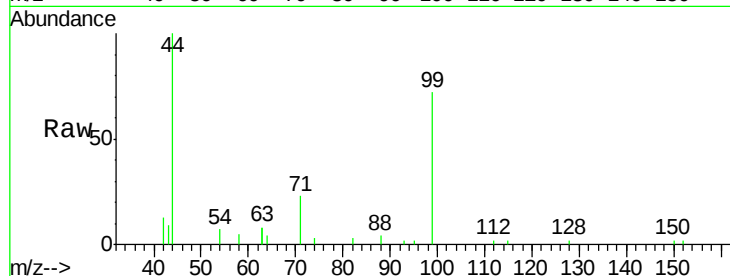
Tgt Ion: 99 Resp: 3151

Ion Ratio Lower Upper

99 100

42 25.0 20.2 30.2

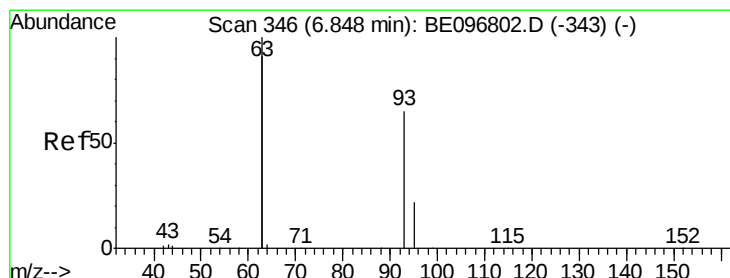
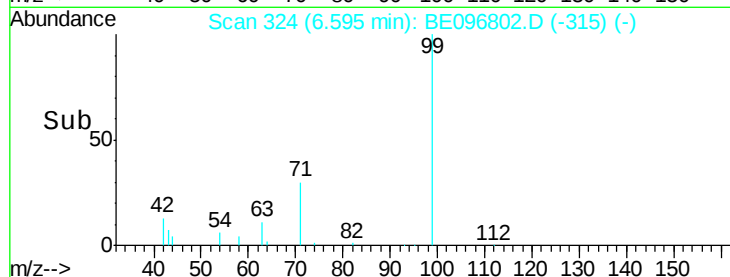
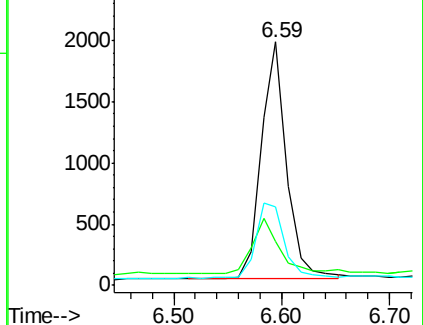
71 35.7 28.4 42.6



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: 0.360 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

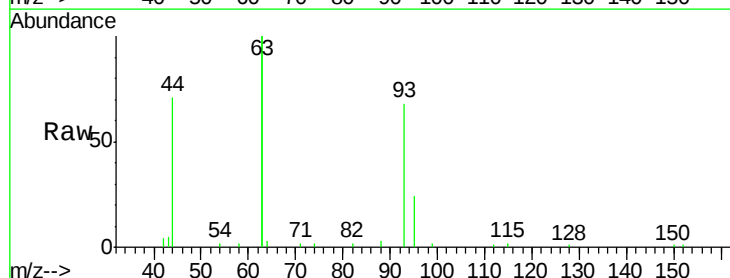
Tgt Ion: 93 Resp: 3890

Ion Ratio Lower Upper

93 100

63 342.4 275.3 412.9

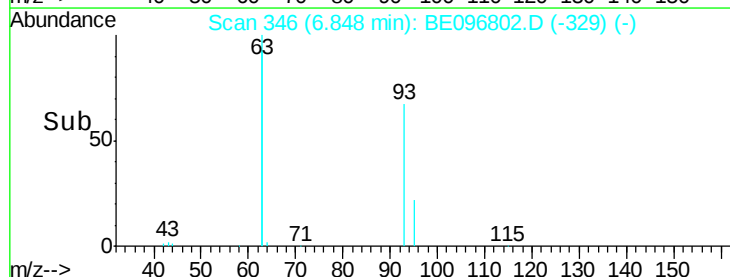
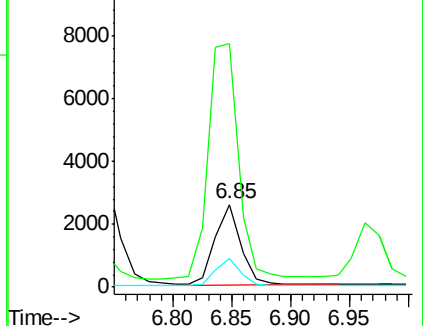
95 32.2 25.2 37.8

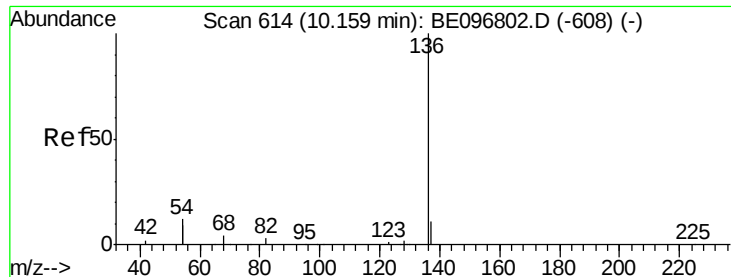


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 13316

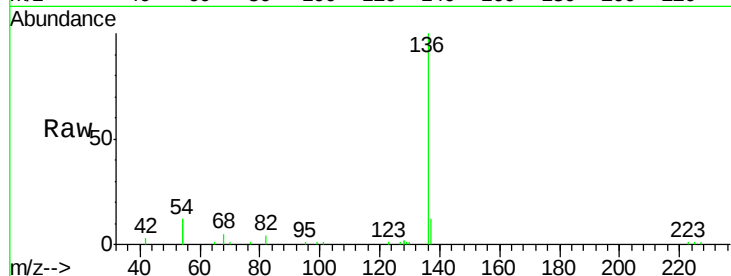
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 24.5 29.1 43.7#

68 5.1 6.2 9.2#

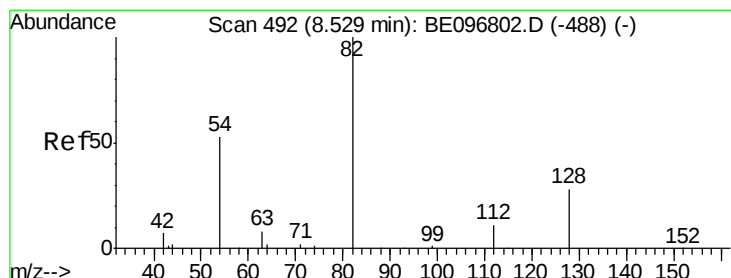
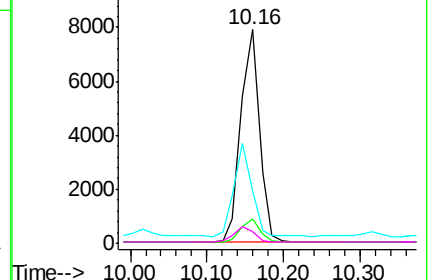
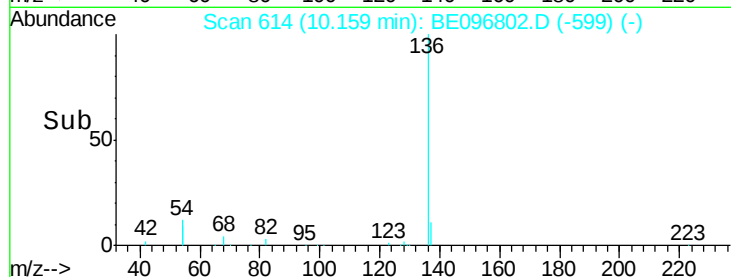


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.301 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

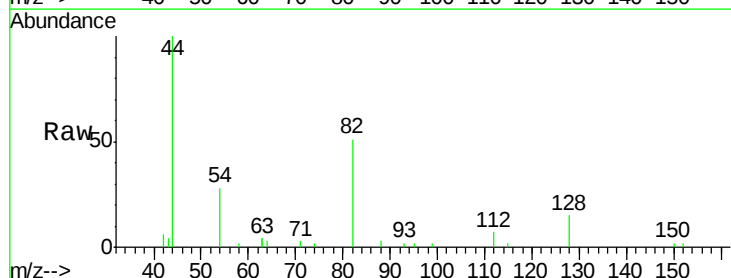
Tgt Ion: 82 Resp: 2649

Ion Ratio Lower Upper

82 100

128 29.9 24.0 36.0

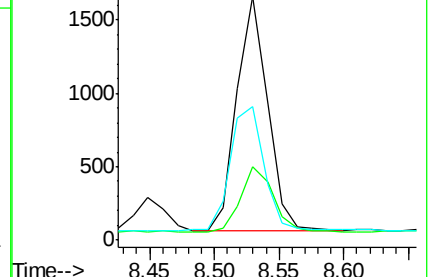
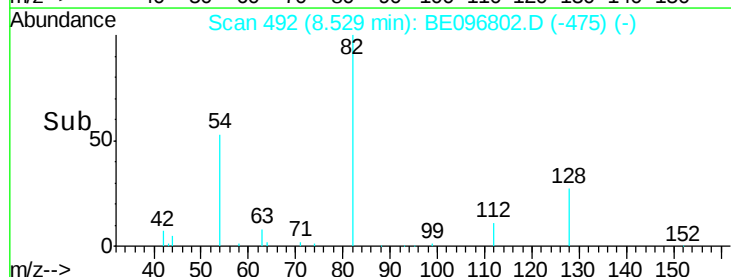
54 55.1 40.0 60.0

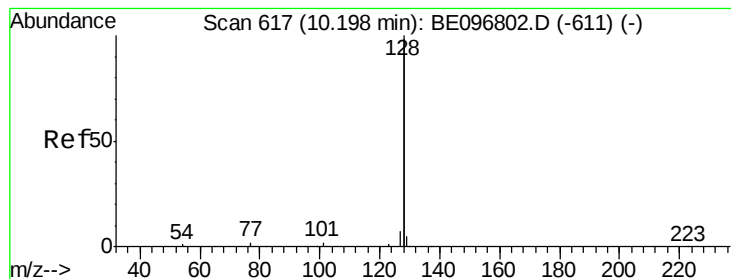


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.377 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

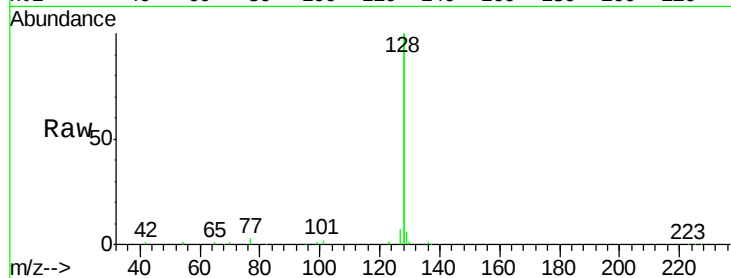
Tgt Ion:128 Resp: 49243

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

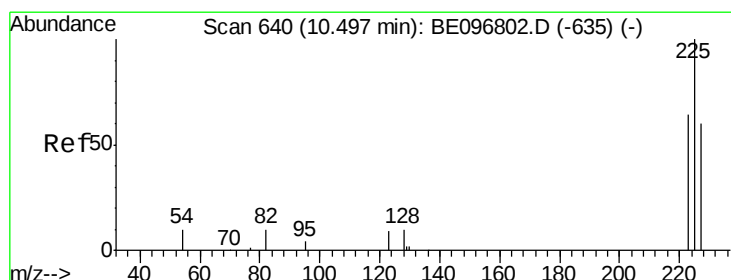
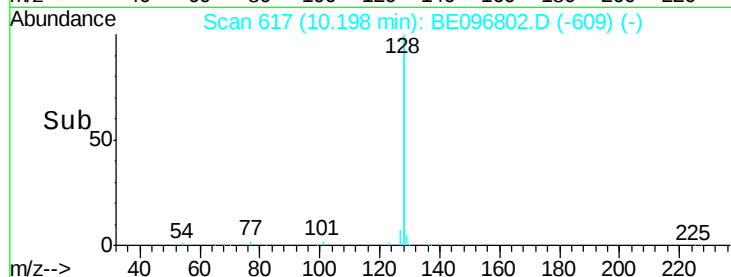
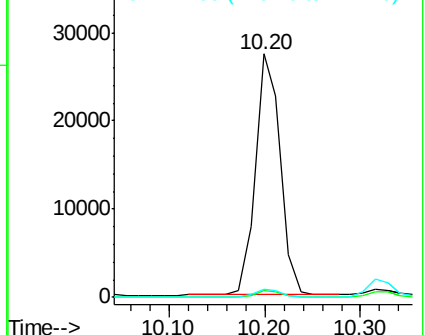
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.392 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

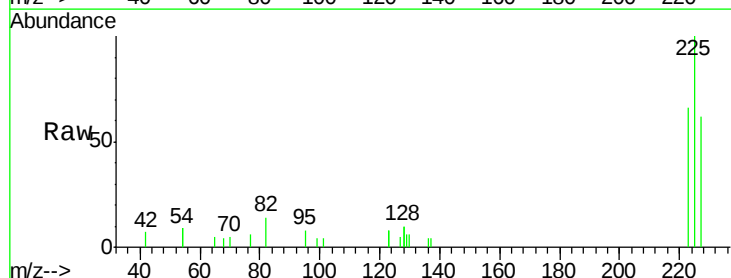
Tgt Ion:225 Resp: 2105

Ion Ratio Lower Upper

225 100

223 65.6 53.0 79.6

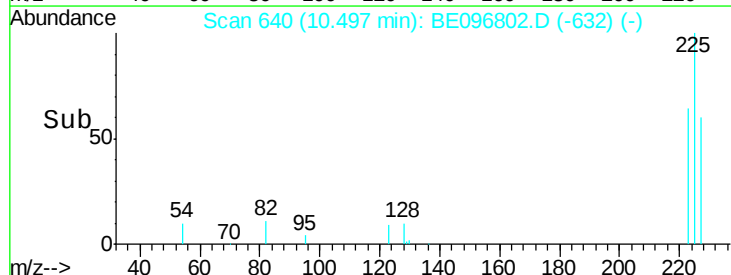
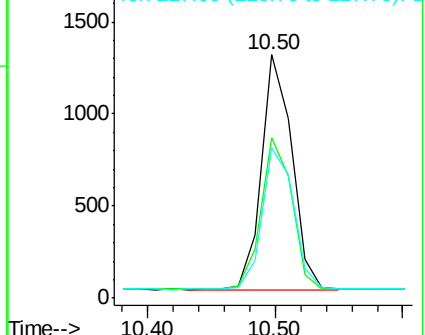
227 62.9 51.4 77.2

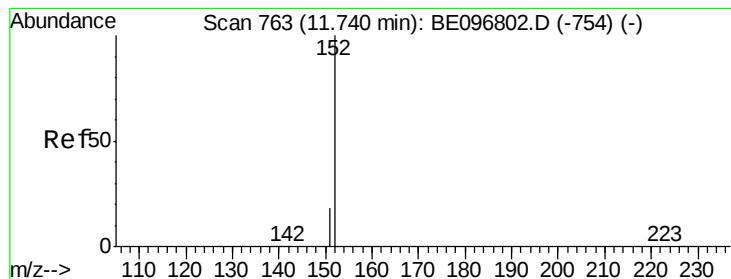


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

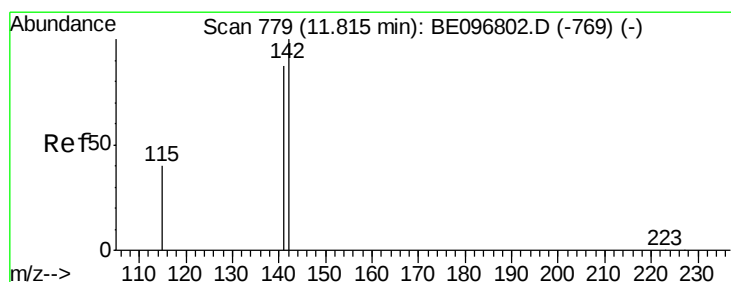
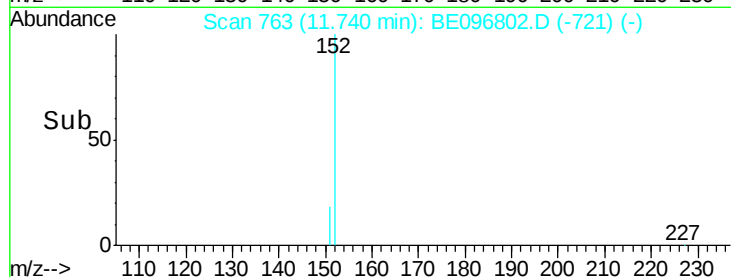
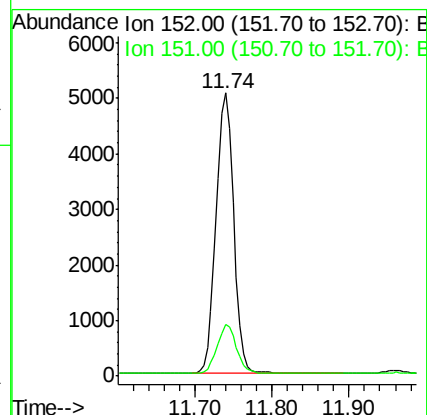
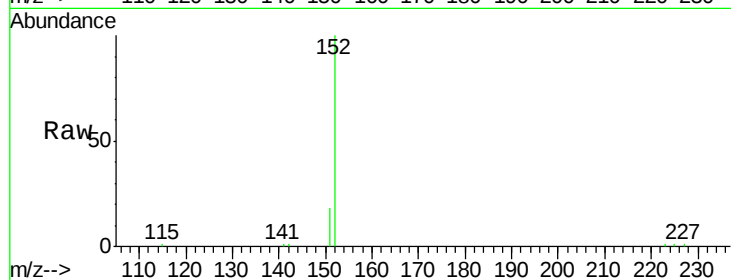
SSTDICCC0.4

Tgt Ion:152 Resp: 7971

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.362 ng

RT: 11.82 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

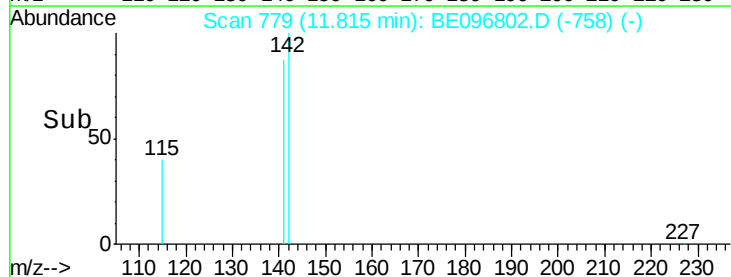
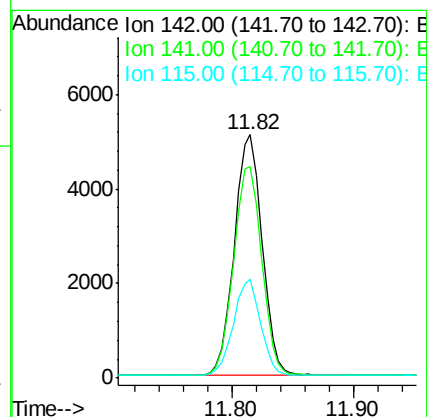
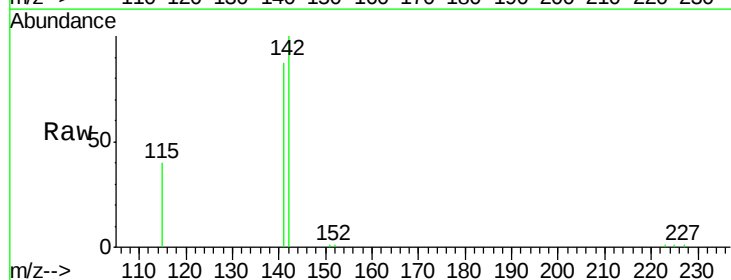
Tgt Ion:142 Resp: 8131

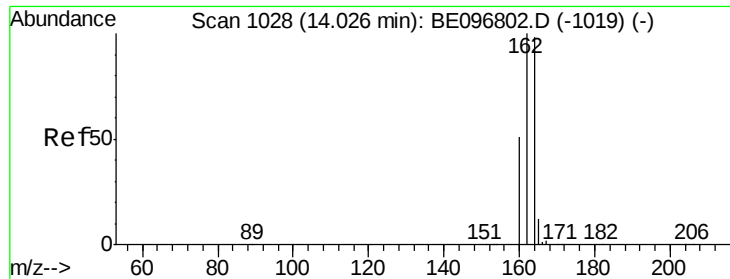
Ion Ratio Lower Upper

142 100

141 86.8 70.4 105.6

115 40.4 31.7 47.5

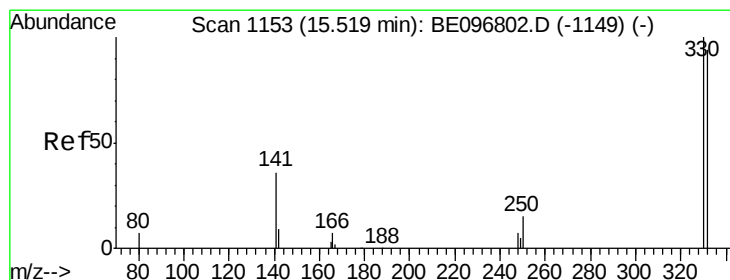
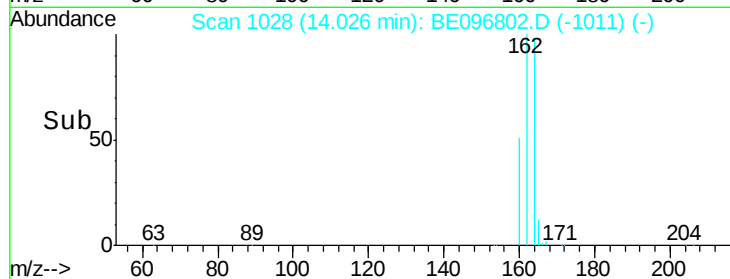
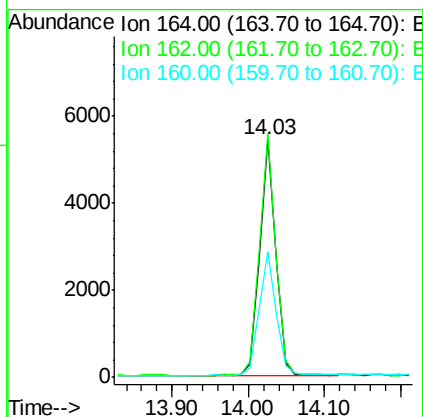
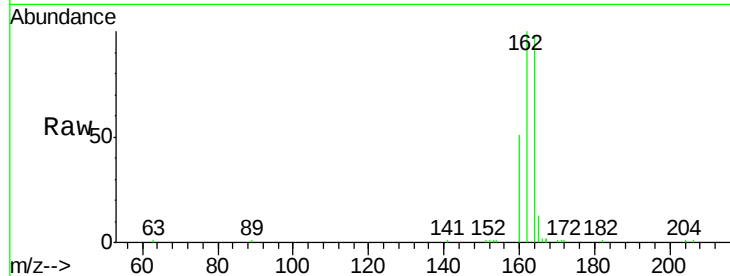




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BE096802.D
 Acq: 18 Jun 2018 10:51

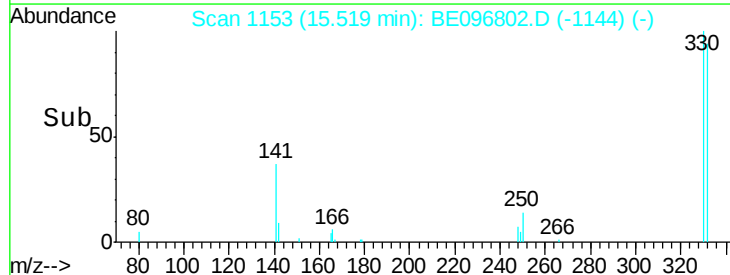
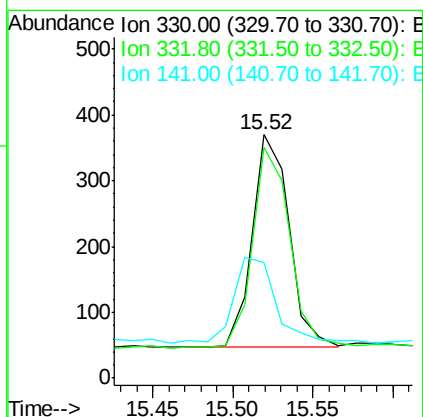
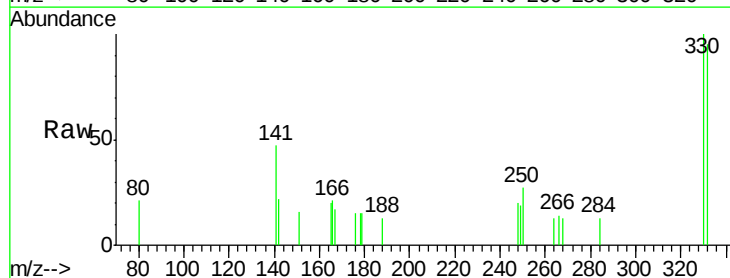
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

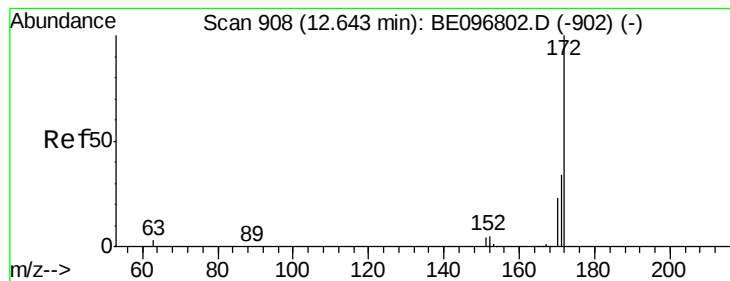
Tgt Ion:164 Resp: 7664
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.1 124.7
 160 52.7 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.208 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE096802.D
 Acq: 18 Jun 2018 10:51

Tgt Ion:330 Resp: 513
 Ion Ratio Lower Upper
 330 100
 332 96.9 152.7 229.1#
 141 47.0 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

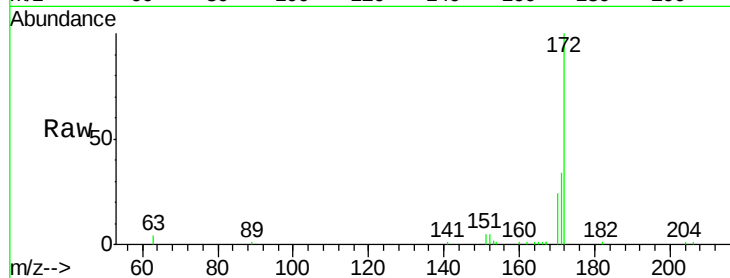
Tgt Ion:172 Resp: 11664

Ion Ratio Lower Upper

172 100

171 34.4 29.9 44.9

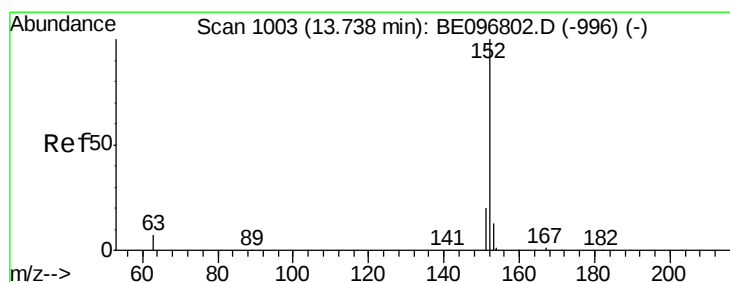
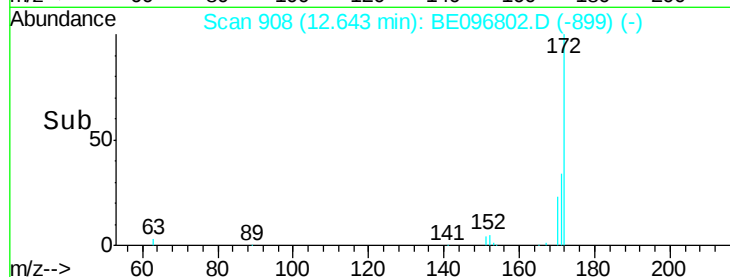
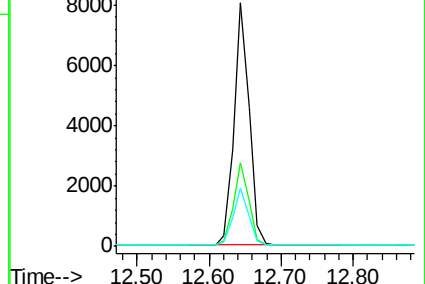
170 23.7 21.8 32.8



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: 0.340 ng

RT: 13.74 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

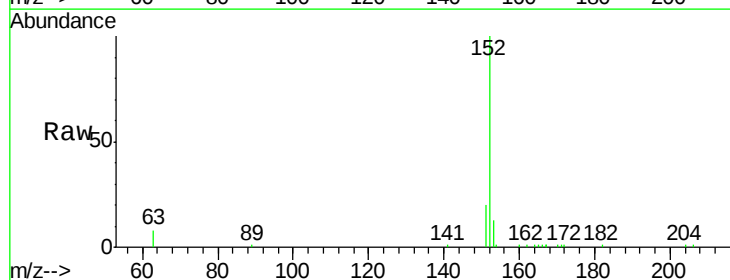
Tgt Ion:152 Resp: 12608

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

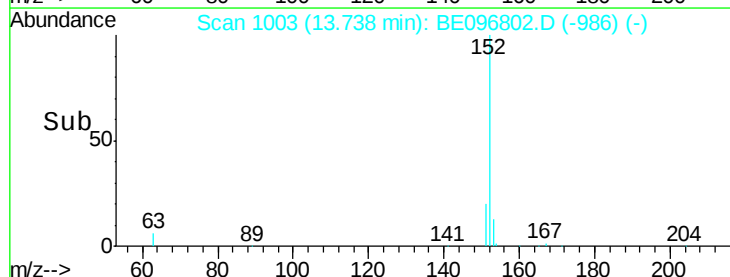
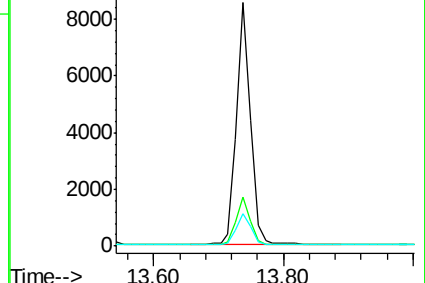
153 13.3 10.5 15.7

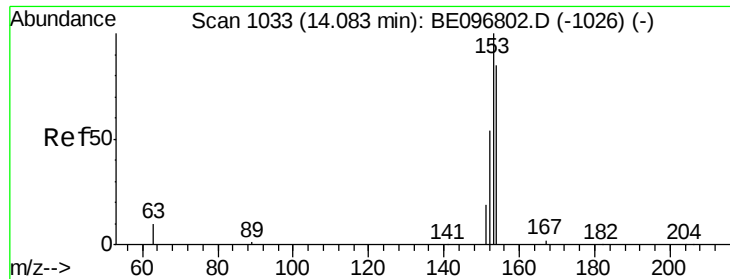


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.361 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

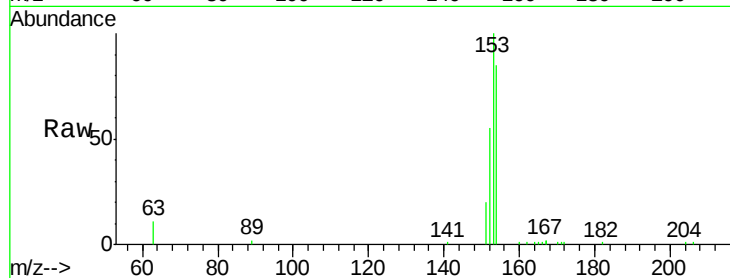
Tgt Ion:154 Resp: 8823

Ion Ratio Lower Upper

154 100

153 112.8 89.2 133.8

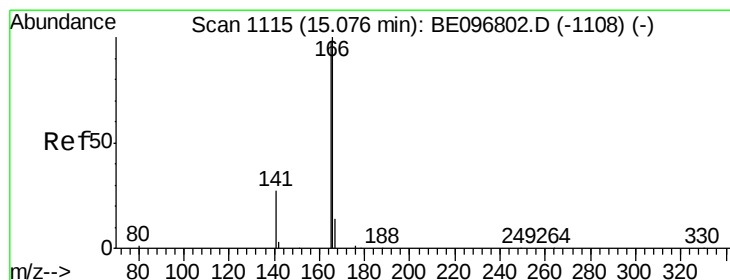
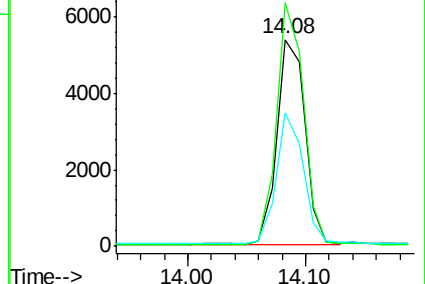
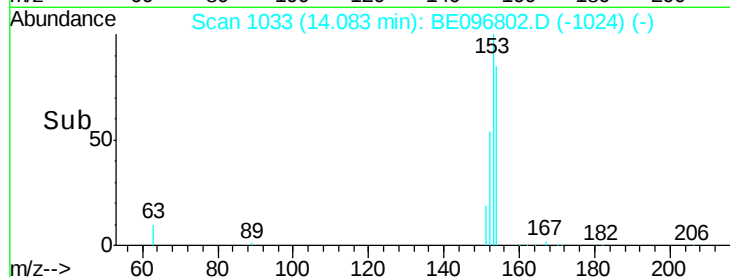
152 61.8 42.0 63.0



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: 0.349 ng

RT: 15.08 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

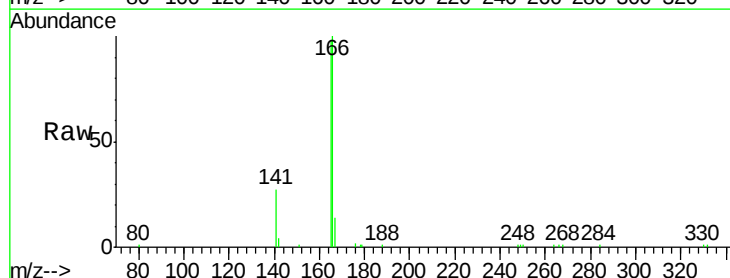
Tgt Ion:166 Resp: 10260

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.6

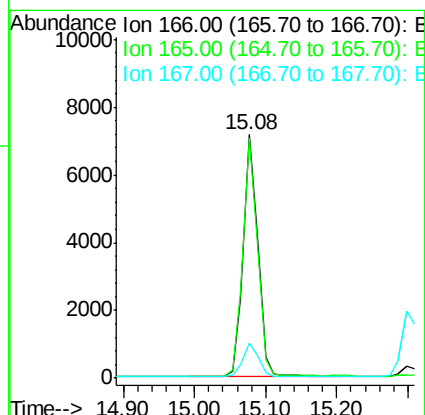
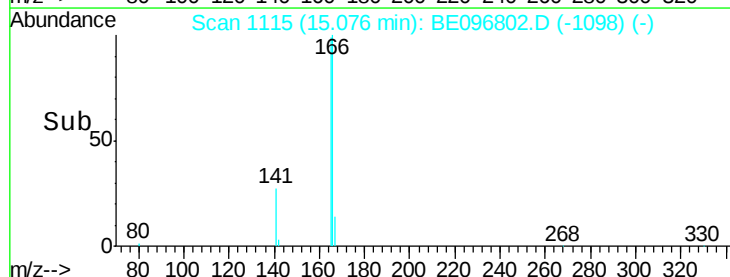
167 14.2 42.4 63.6#

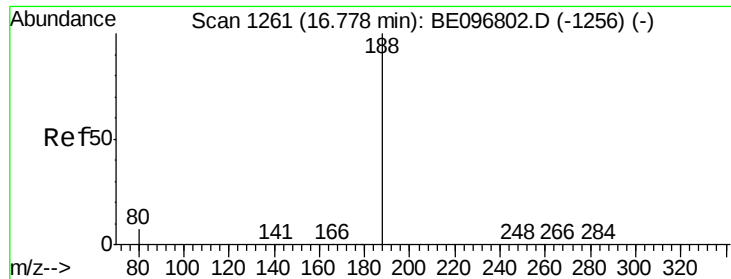


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1261

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

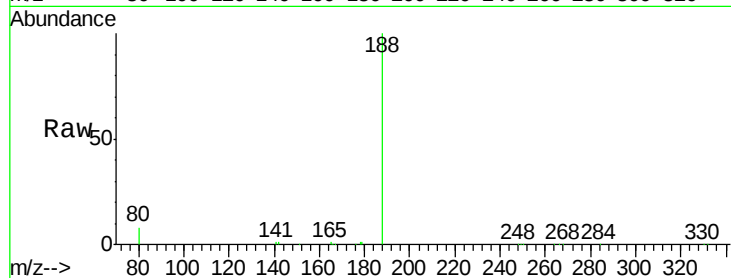
Tgt Ion:188 Resp: 20977

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

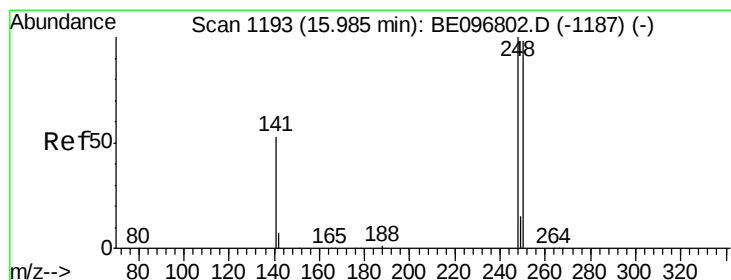
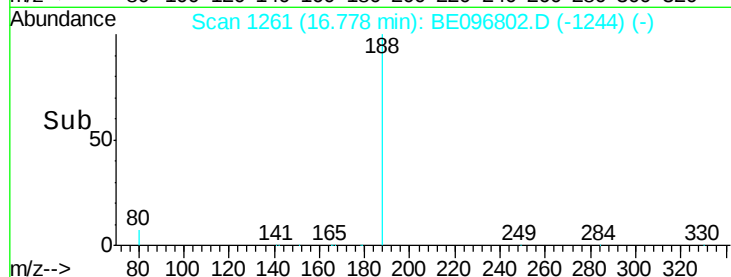
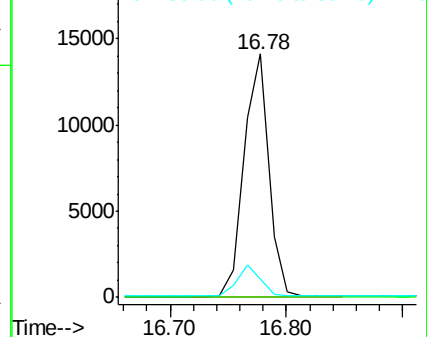
80 7.8 3.6 5.4#



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: 0.358 ng

RT: 15.99 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

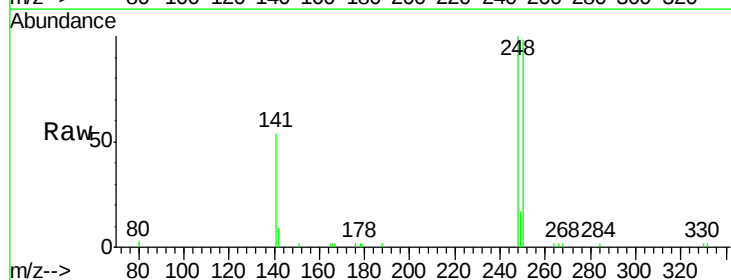
Tgt Ion:248 Resp: 3715

Ion Ratio Lower Upper

248 100

250 98.4 62.7 94.1#

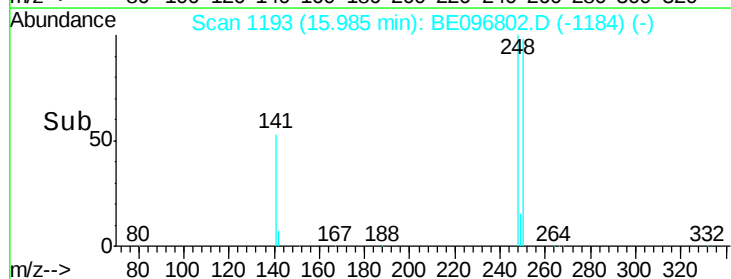
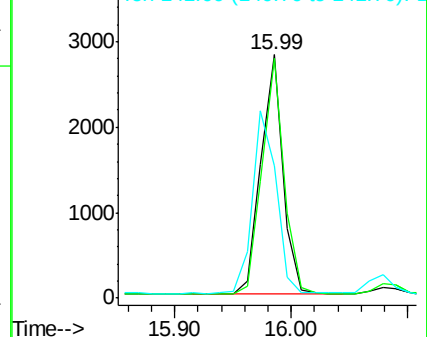
141 54.2 48.2 72.2

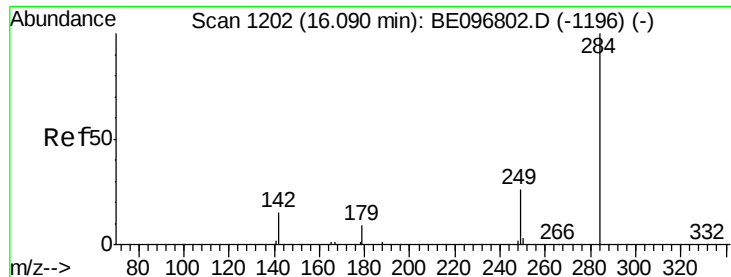


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

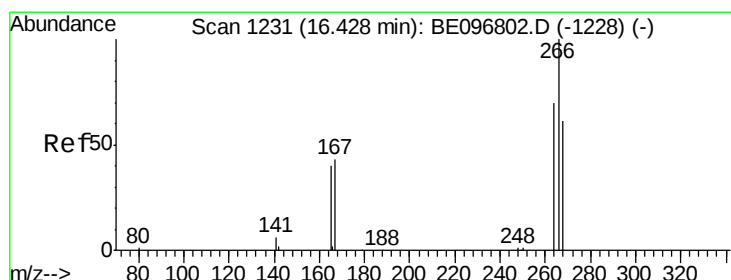
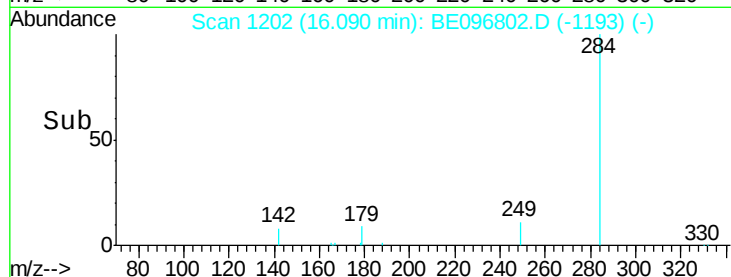
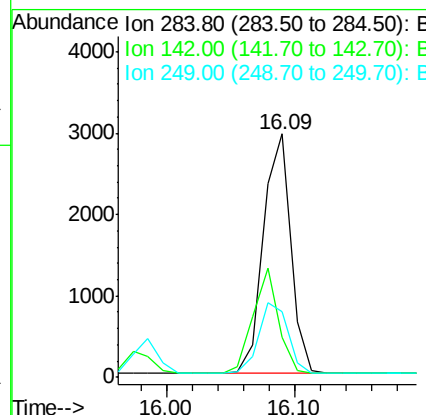
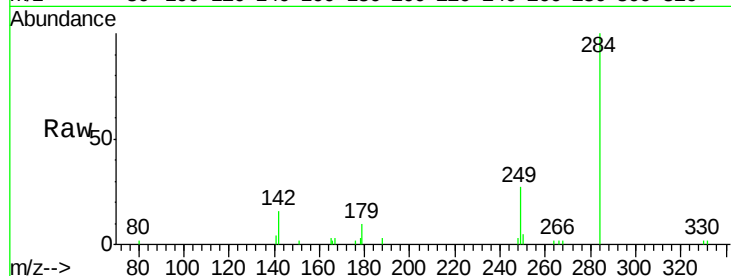




#21
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.09 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE096802.D
Acq: 18 Jun 2018 10:51

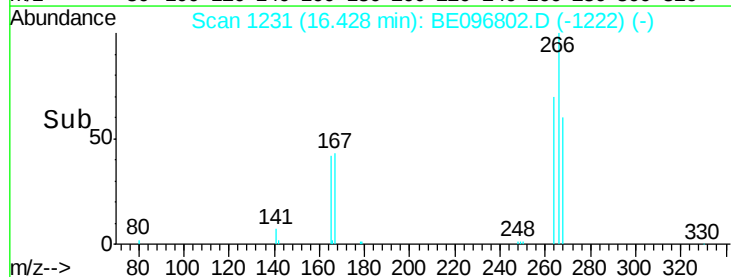
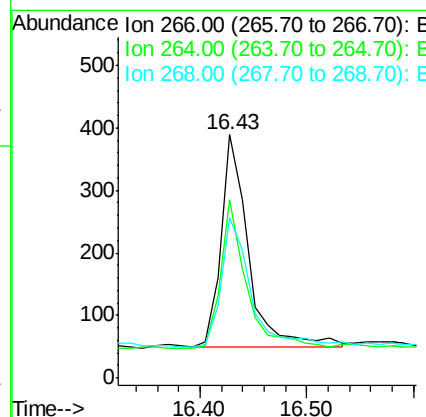
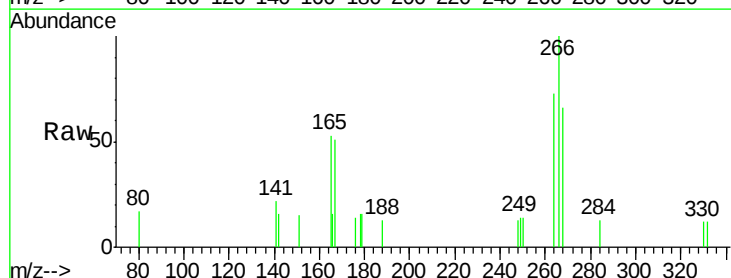
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

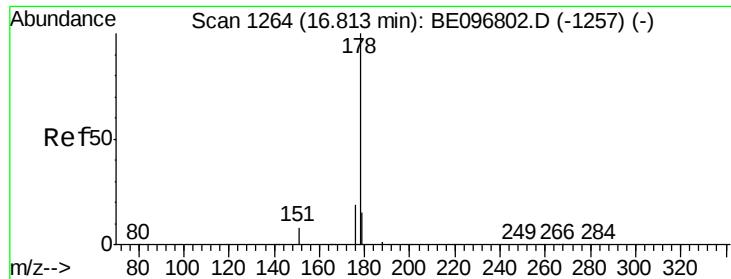
Tgt Ion: 284 Resp: 4435
Ion Ratio Lower Upper
284 100
142 40.1 22.1 33.1#
249 31.0 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.222 ng
RT: 16.43 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BE096802.D
Acq: 18 Jun 2018 10:51

Tgt Ion: 266 Resp: 606
Ion Ratio Lower Upper
266 100
264 73.3 72.5 108.7
268 66.1 73.8 110.6#

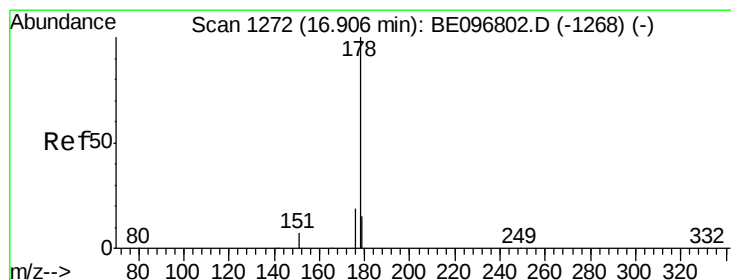
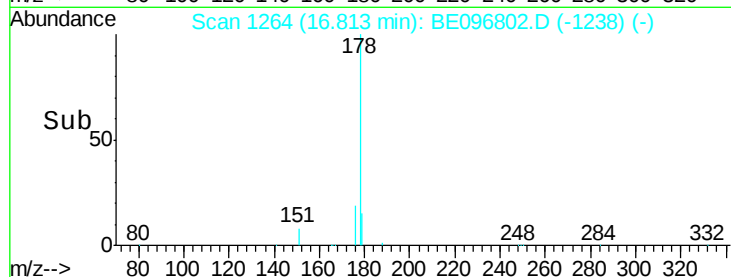
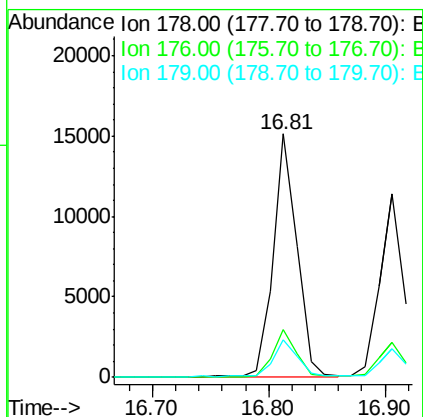
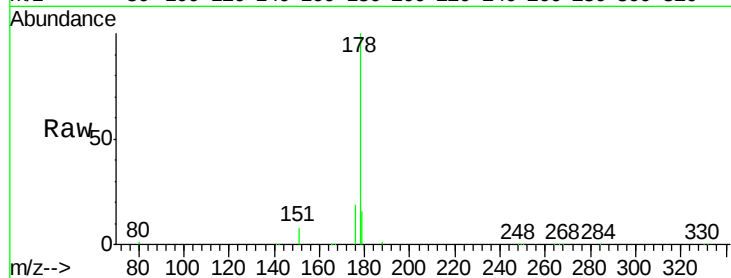




#23
Phenanthrene
Concen: 0.368 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096802.D
Acq: 18 Jun 2018 10:51

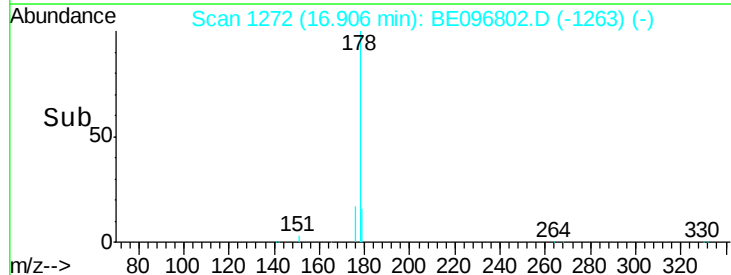
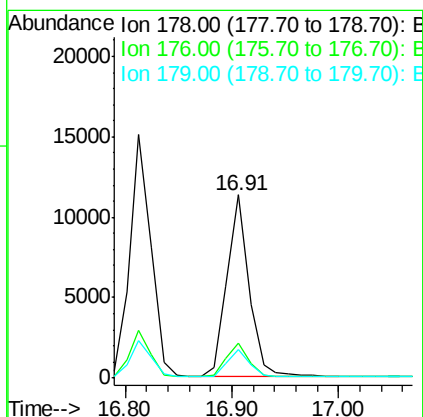
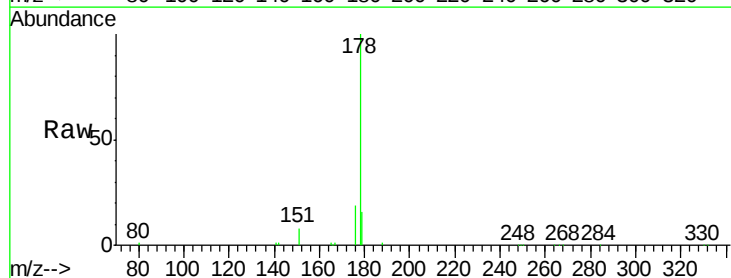
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

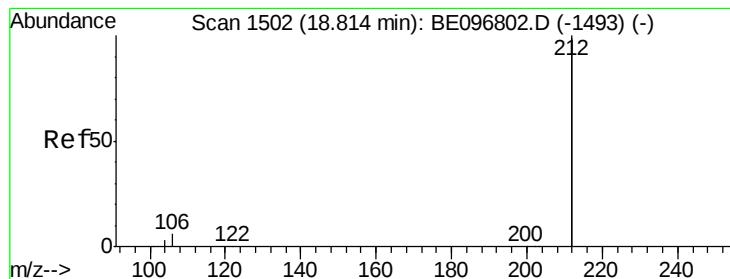
Tgt Ion:178 Resp: 20943
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.3 11.8 17.6



#24
Anthracene
Concen: 0.331 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096802.D
Acq: 18 Jun 2018 10:51

Tgt Ion:178 Resp: 16121
Ion Ratio Lower Upper
178 100
176 19.1 12.8 19.2
179 15.4 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

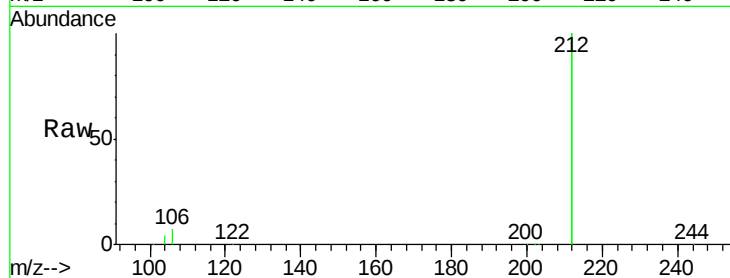
Tgt Ion:212 Resp: 71685

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

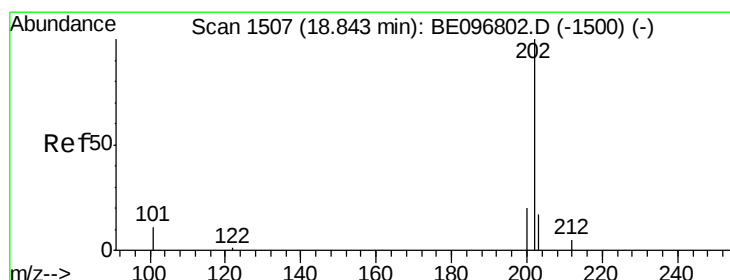
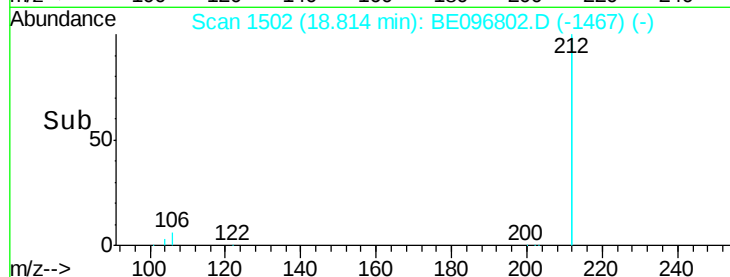
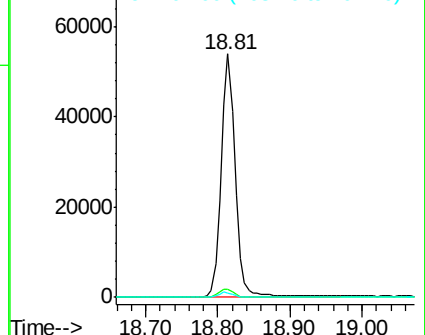
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.339 ng

RT: 18.84 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

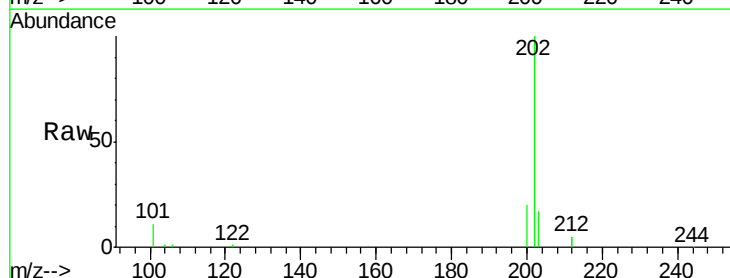
Tgt Ion:202 Resp: 21221

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

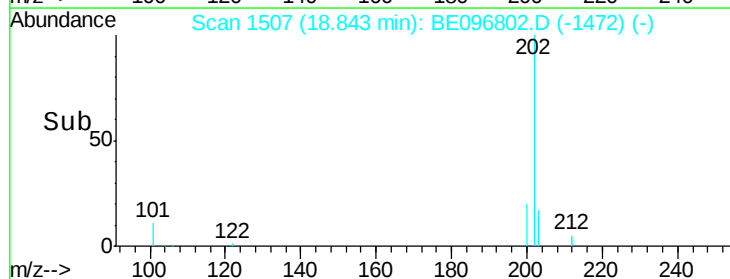
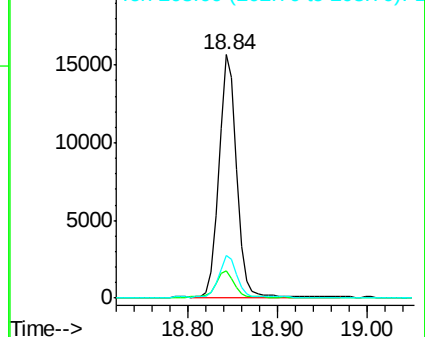
203 17.1 13.7 20.5

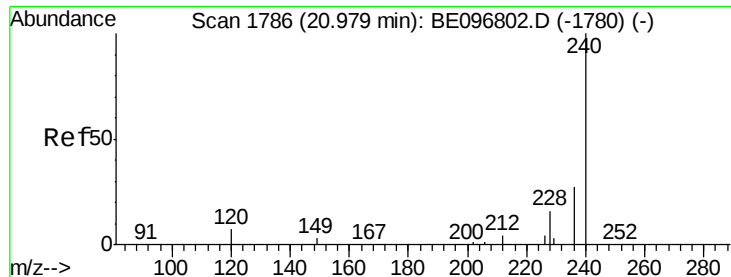


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1786

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

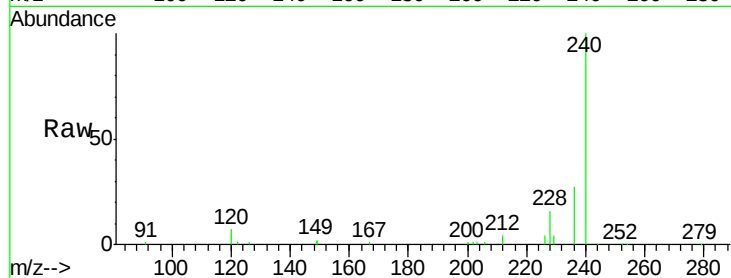
Tgt Ion:240 Resp: 16779

Ion Ratio Lower Upper

240 100

120 7.4 5.5 8.3

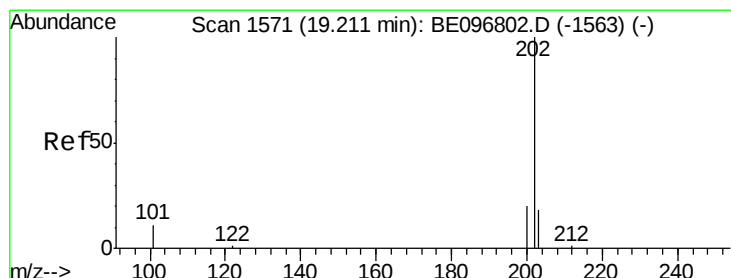
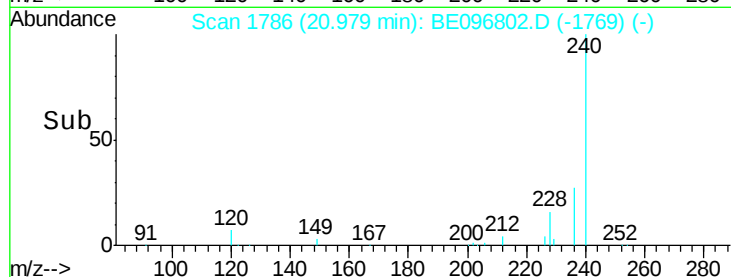
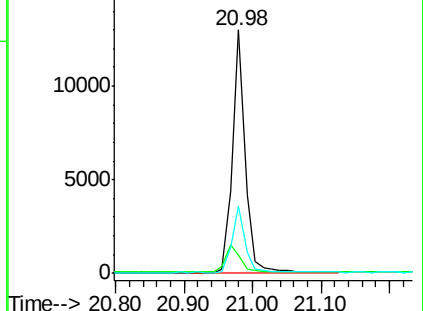
236 27.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.377 ng

RT: 19.21 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

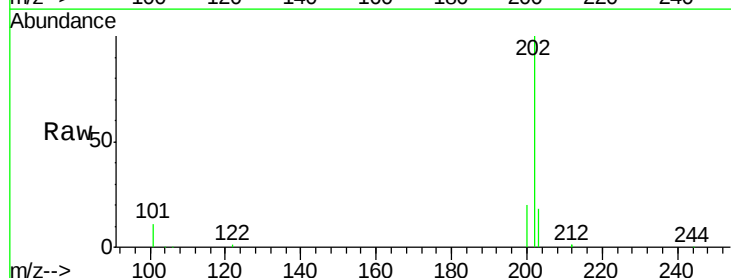
Tgt Ion:202 Resp: 20311

Ion Ratio Lower Upper

202 100

200 19.7 16.6 25.0

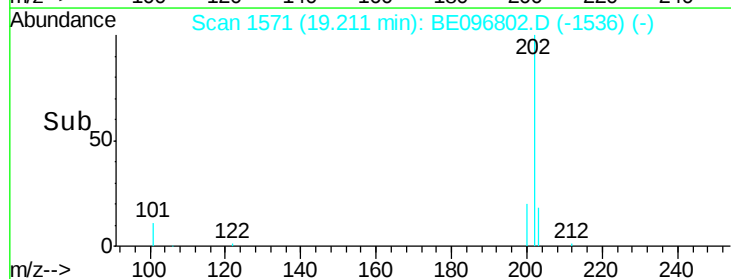
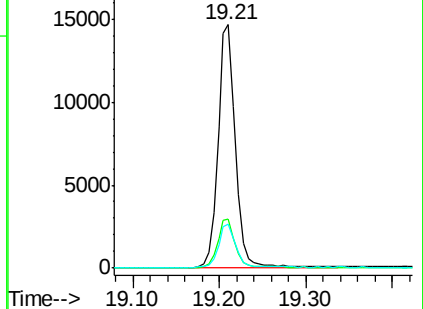
203 17.4 13.8 20.8

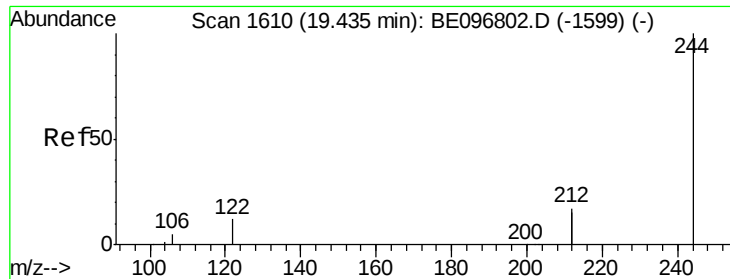


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

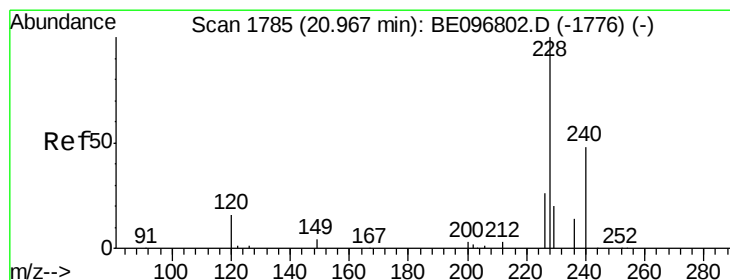
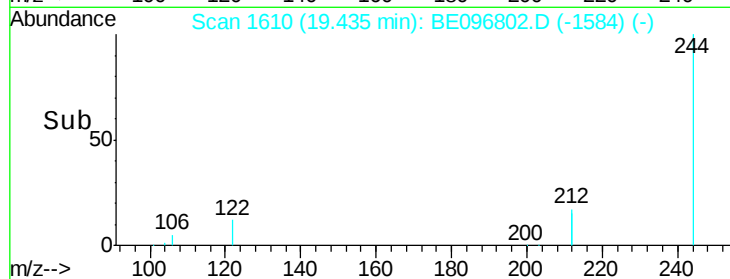
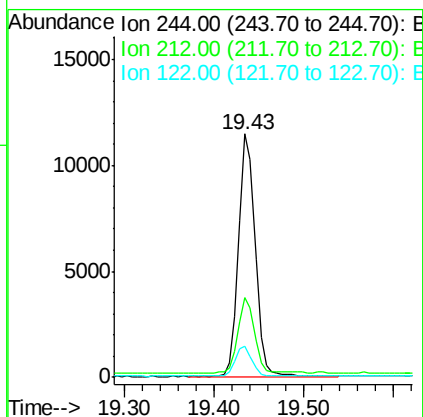
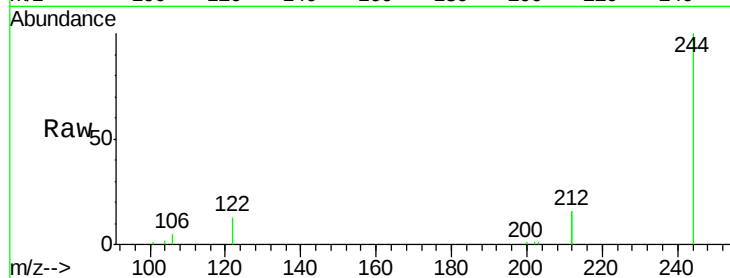




#29
 Terphenyl-d14
 Concen: 0.385 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BE096802.D
 Acq: 18 Jun 2018 10:51

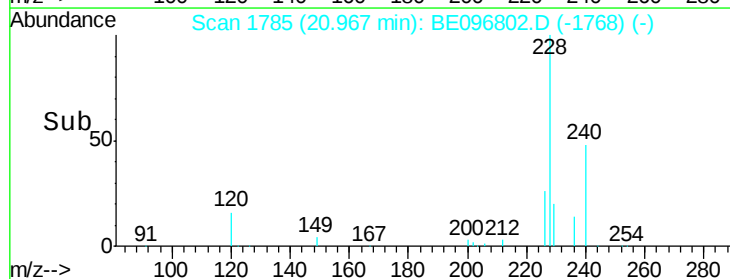
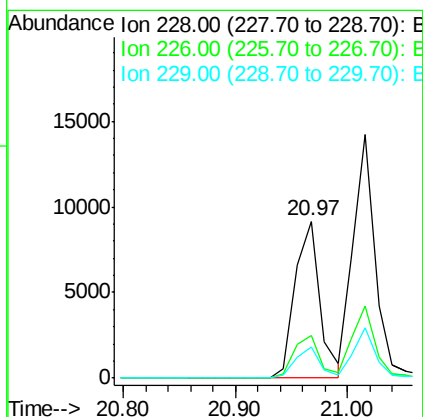
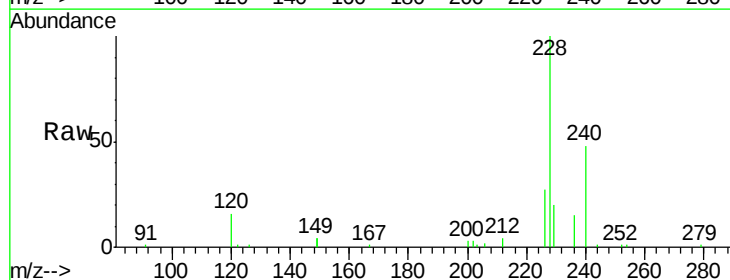
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

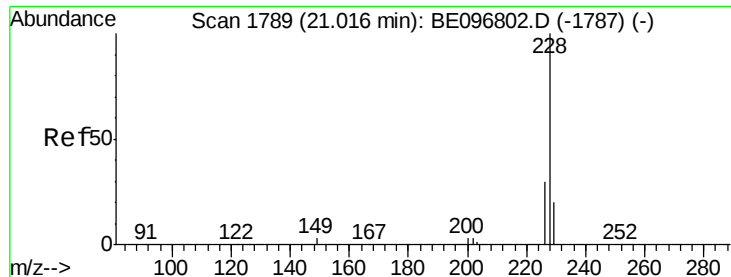
Tgt Ion: 244 Resp: 14228
 Ion Ratio Lower Upper
 244 100
 212 33.0 25.4 38.0
 122 12.9 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 0.313 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE096802.D
 Acq: 18 Jun 2018 10:51

Tgt Ion: 228 Resp: 13854
 Ion Ratio Lower Upper
 228 100
 226 26.8 24.0 36.0
 229 20.2 16.0 24.0





#31

Chrysene

Concen: 0.370 ng

RT: 21.02 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

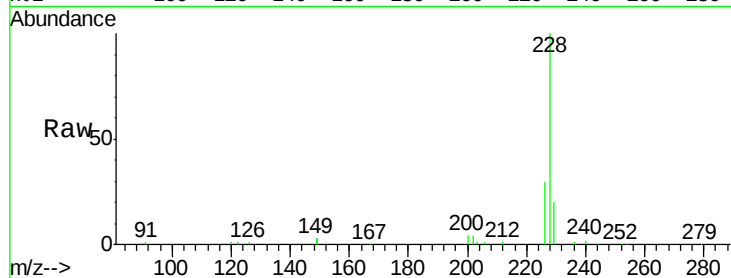
Tgt Ion:228 Resp: 18906

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

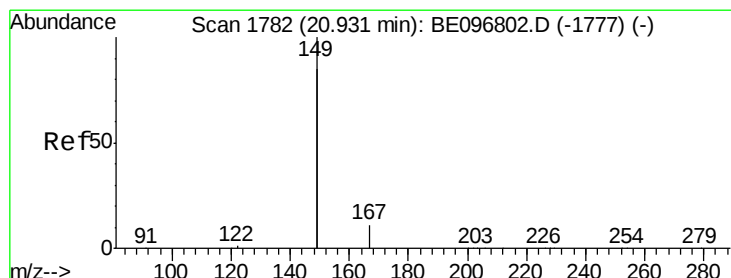
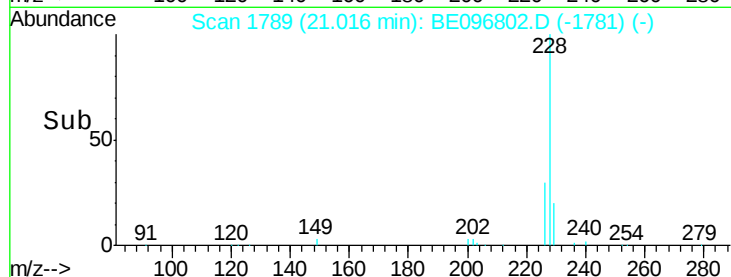
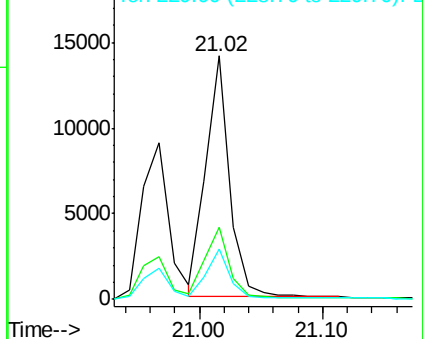
229 20.4 16.0 24.0



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: 0.242 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

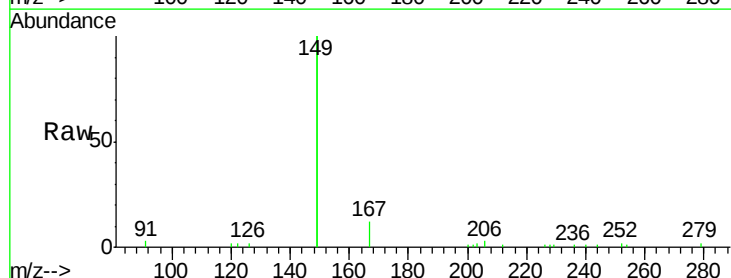
Tgt Ion:149 Resp: 10228

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

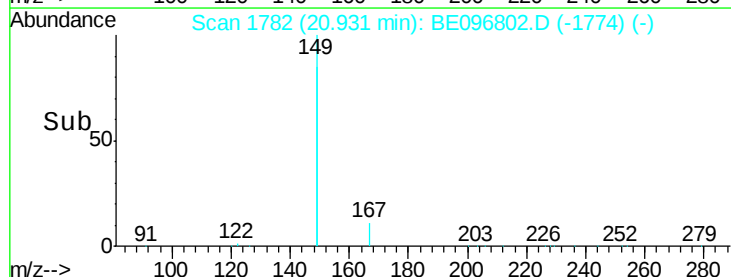
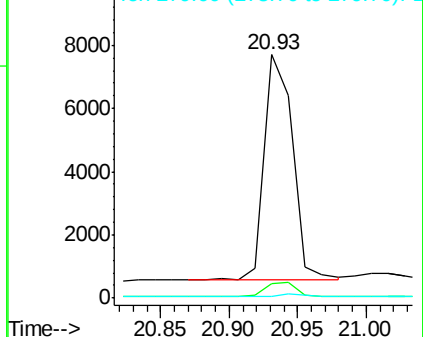
279 1.2 0.7 1.1#

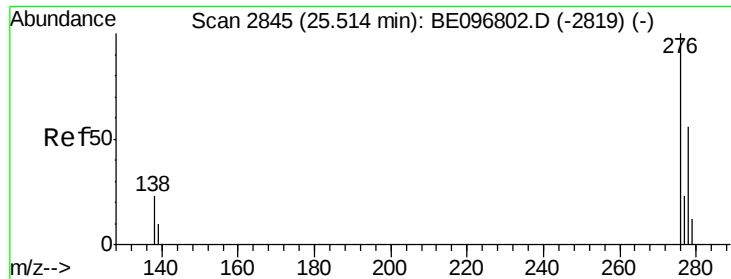


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.295 ng

RT: 25.51 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

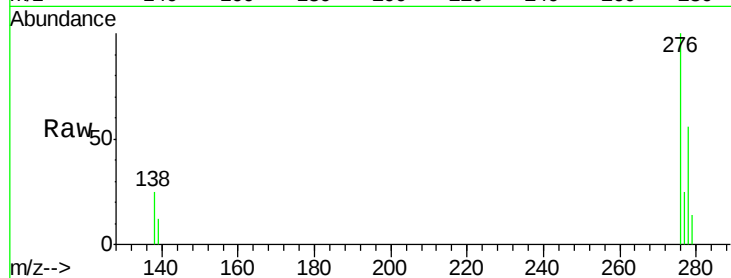
Tgt Ion:276 Resp: 13068

Ion Ratio Lower Upper

276 100

138 23.7 22.5 33.7

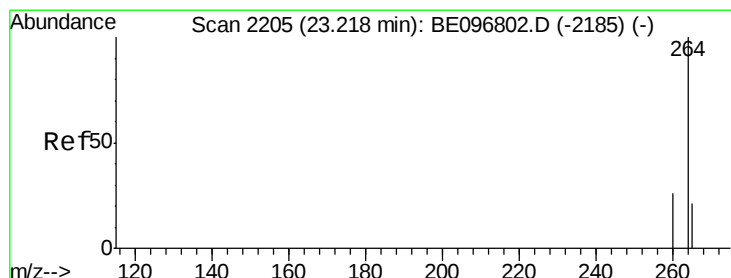
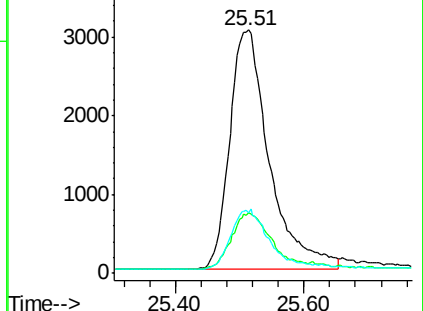
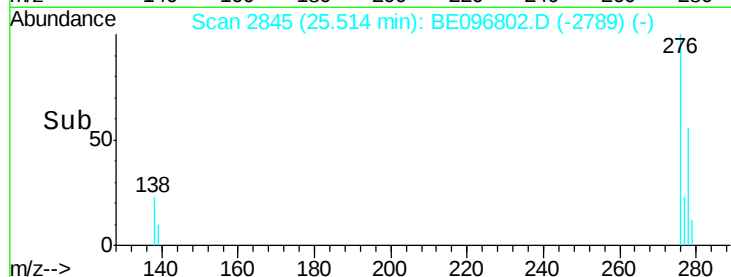
277 24.3 19.9 29.9



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: 23.22 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

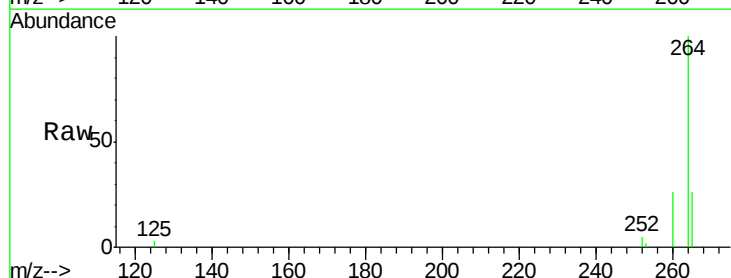
Tgt Ion:264 Resp: 13896

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

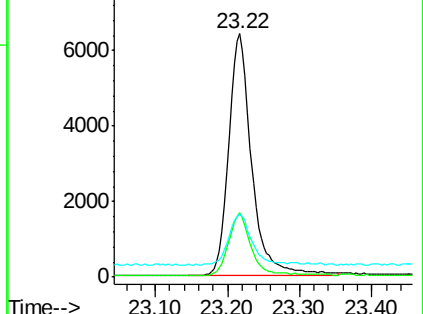
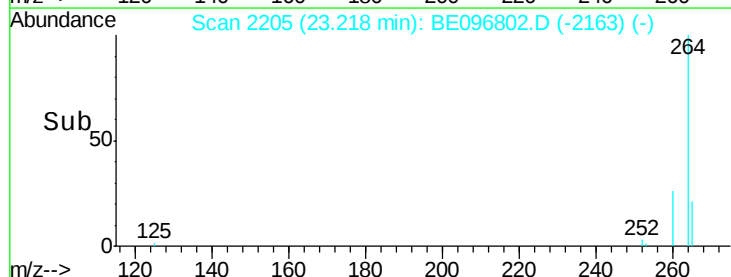
265 25.7 22.8 34.2

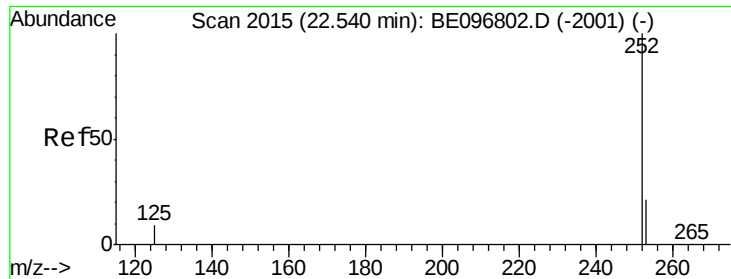


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

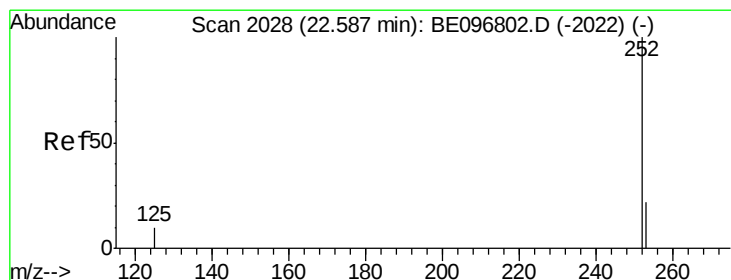
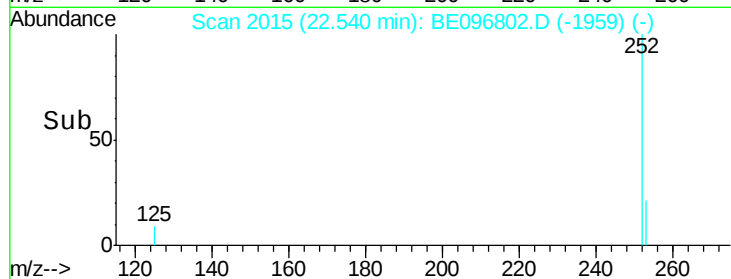
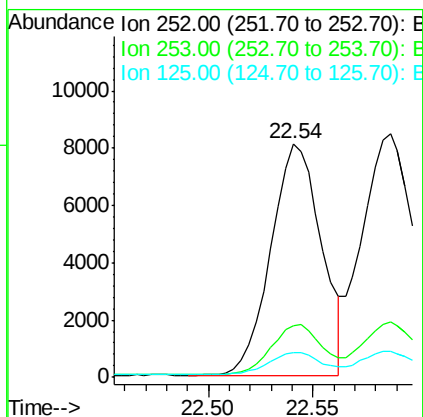
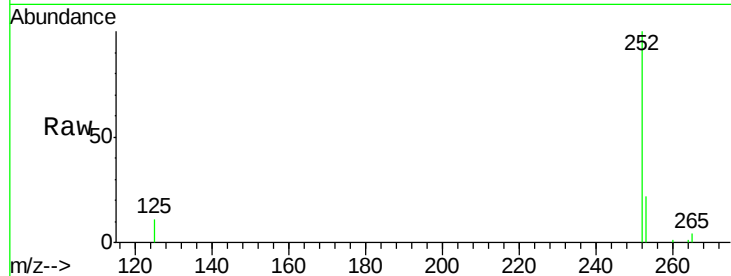




#35
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE096802.D
Acq: 18 Jun 2018 10:51

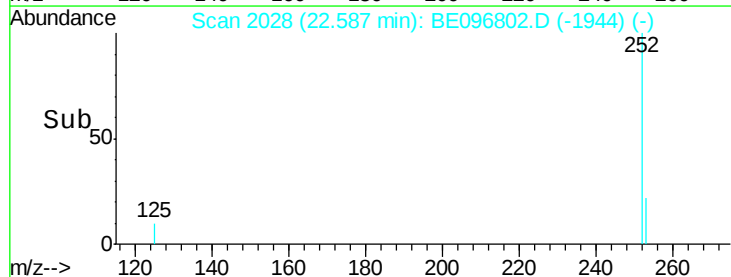
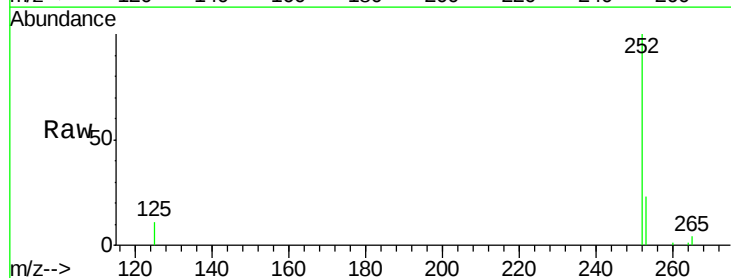
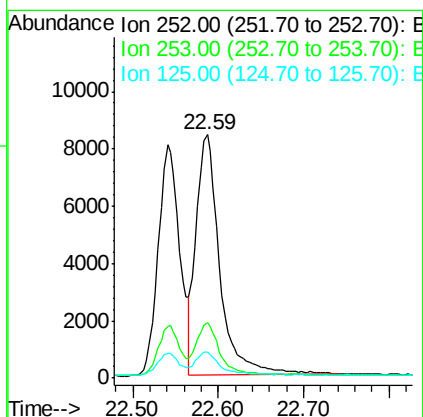
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

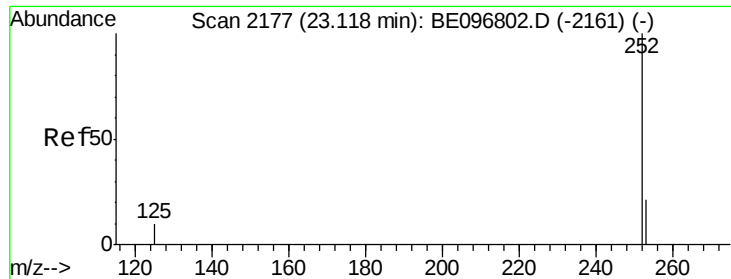
Tgt Ion:252 Resp: 13510
Ion Ratio Lower Upper
252 100
253 22.3 20.0 30.0
125 10.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 22.59 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE096802.D
Acq: 18 Jun 2018 10:51

Tgt Ion:252 Resp: 16193
Ion Ratio Lower Upper
252 100
253 22.9 16.0 24.0
125 10.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.323 ng

RT: 23.12 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

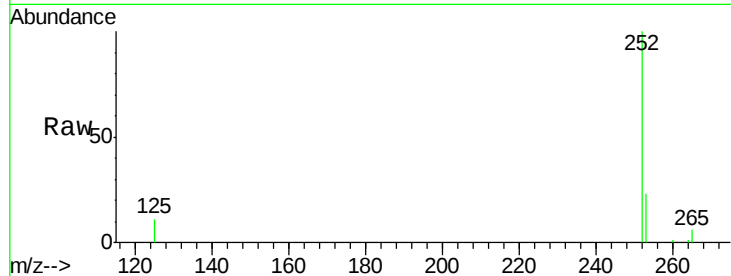
Tgt Ion:252 Resp: 11446

Ion Ratio Lower Upper

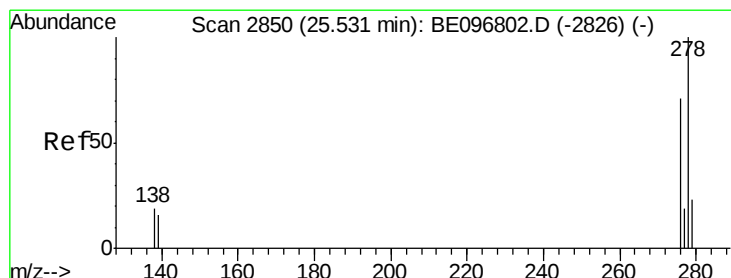
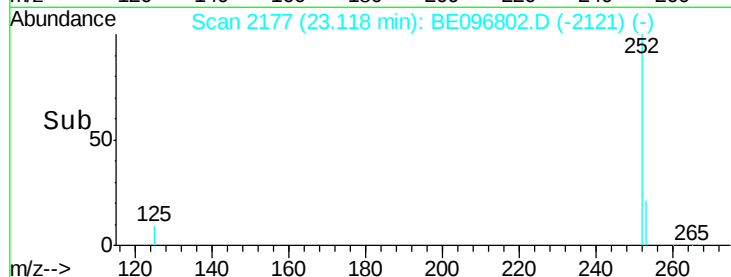
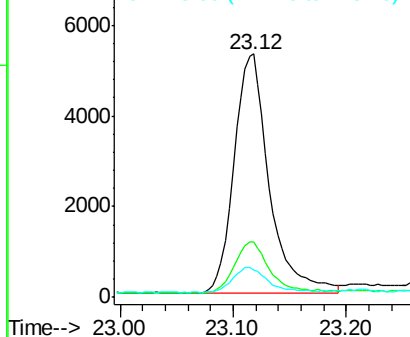
252 100

253 22.8 16.0 24.0

125 11.4 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: 0.314 ng

RT: 25.53 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BE096802.D

Acq: 18 Jun 2018 10:51

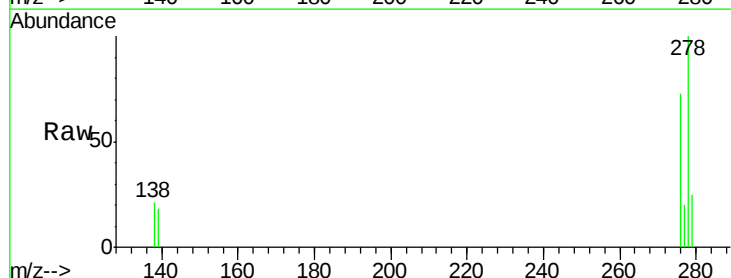
Tgt Ion:278 Resp: 10967

Ion Ratio Lower Upper

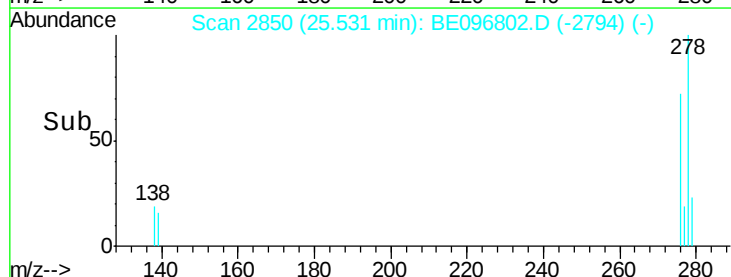
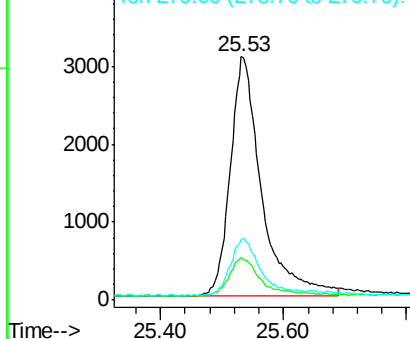
278 100

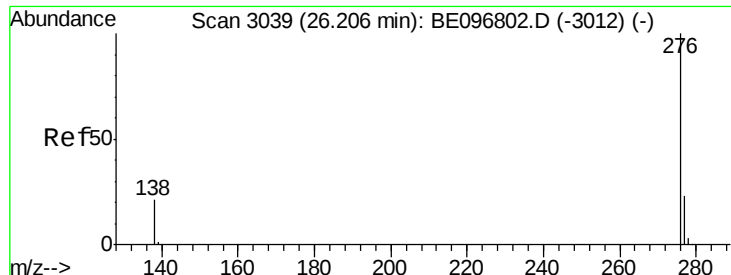
139 17.6 16.0 24.0

279 25.0 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: 0.341 ng

RT: 26.21 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BE096802.D

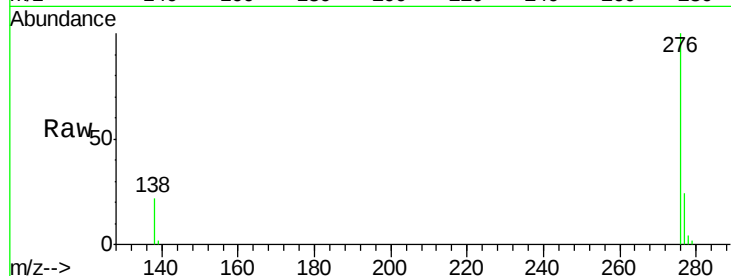
Acq: 18 Jun 2018 10:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



Tgt Ion: 276 Resp: 12566

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 22.3 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

