

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061818\
 Data File : BE096800.D
 Acq On : 18 Jun 2018 9:36
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 18 11:40:18 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	2550	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12395	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6937	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	19697	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13972	0.40	ng	0.00
34) Perylene-d12	23.22	264	12853	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	569	0.08	ng	0.00
5) Phenol-d6	6.60	99	805	0.08	ng	0.00
8) Nitrobenzene-d5	8.53	82	695	0.08	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	1983	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	132	0.06	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2933	0.11	ng	0.00
25) Fluoranthene-d10	18.82	212	17224	0.09	ng	0.00
29) Terphenyl-d14	19.44	244	3327	0.11	ng	0.00

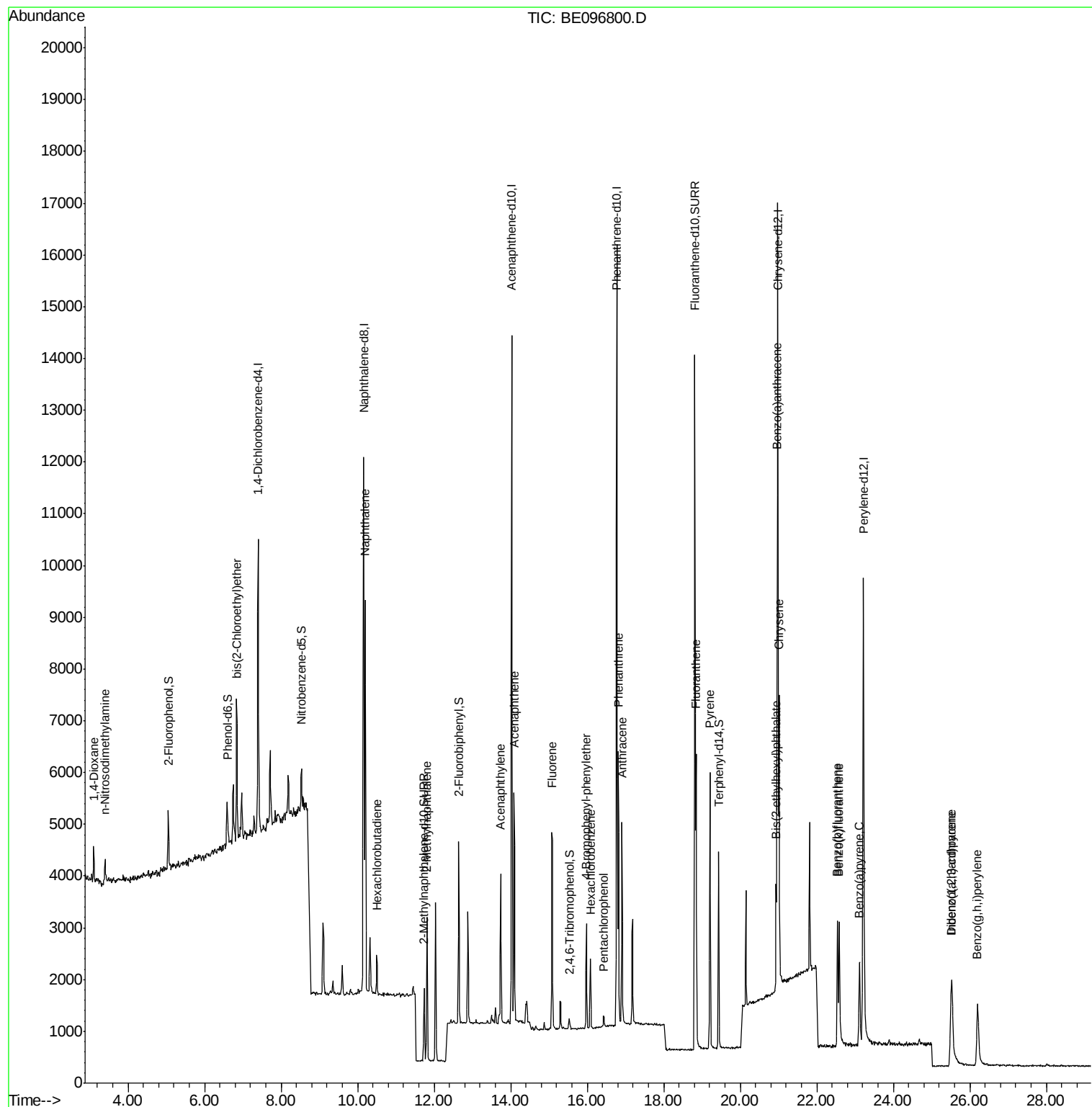
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	446	0.108	ng	# 89
3) n-Nitrosodimethylamine	3.40	42	361	0.078	ng	# 91
6) bis(2-Chloroethyl)ether	6.85	93	959	0.095	ng	99
9) Naphthalene	10.20	128	12432	0.102	ng	99
10) Hexachlorobutadiene	10.50	225	516	0.103	ng	99
12) 2-Methylnaphthalene	11.82	142	2016	0.096	ng	98
16) Acenaphthylene	13.74	152	3125	0.093	ng	99
17) Acenaphthene	14.08	154	2190	0.099	ng	93
18) Fluorene	15.07	166	2528	0.095	ng	# 79
20) 4-Bromophenyl-phenylether	15.98	248	885	0.091	ng	# 81
21) Hexachlorobenzene	16.09	284	1136	0.103	ng	# 81
22) Pentachlorophenol	16.44	266	175	0.068	ng	# 83
23) Phenanthrene	16.81	178	5359	0.100	ng	97
24) Anthracene	16.90	178	3983	0.087	ng	97
26) Fluoranthene	18.84	202	4872	0.083	ng	98
28) Pyrene	19.21	202	4925	0.110	ng	98
30) Benzo(a)anthracene	20.97	228	3198	0.087	ng	95
31) Chrysene	21.02	228	4468	0.105	ng	98
32) Bis(2-ethylhexyl)phthalate	20.93	149	2854	0.081	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	3045	0.083	ng	93
35) Benzo(b)fluoranthene	22.54	252	3181	0.087	ng	# 95
36) Benzo(k)fluoranthene	22.58	252	3698	0.089	ng	# 90
37) Benzo(a)pyrene	23.11	252	2700	0.082	ng	# 86
38) Dibenzo(a,h)anthracene	25.53	278	2242	0.070	ng	# 91
39) Benzo(g,h,i)perylene	26.20	276	2918	0.086	ng	# 93

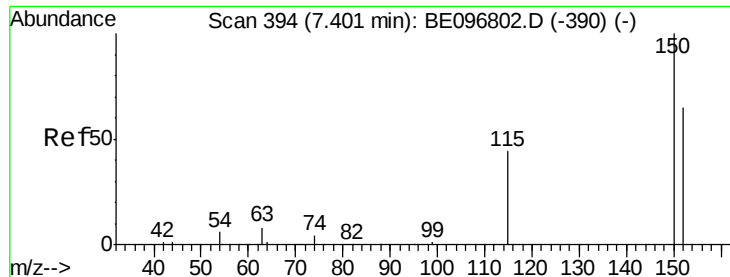
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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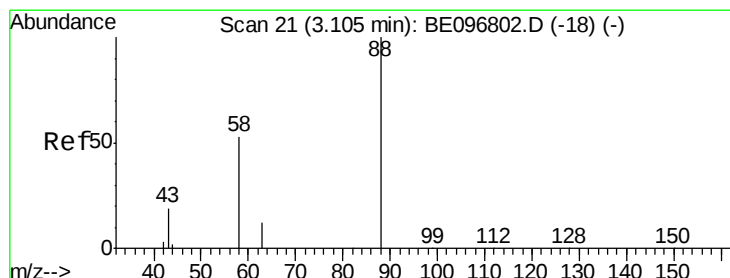
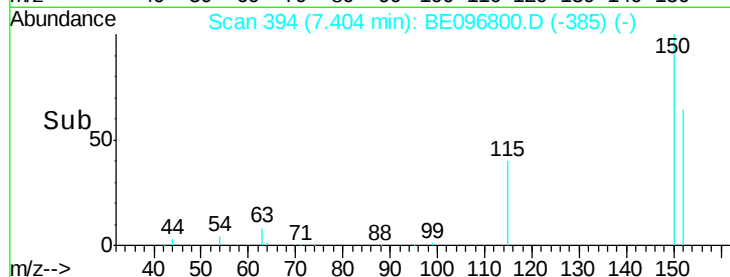
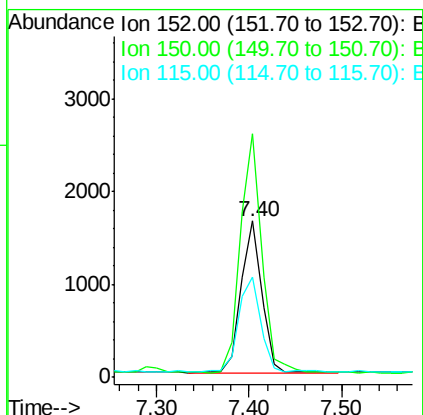
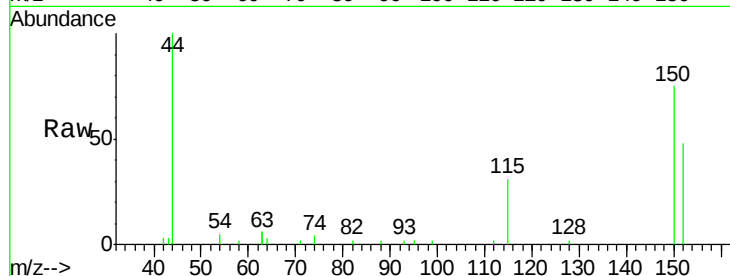


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

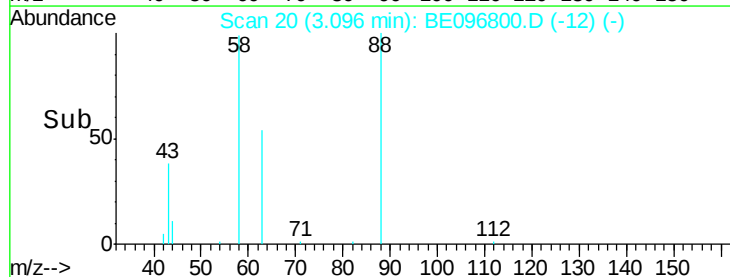
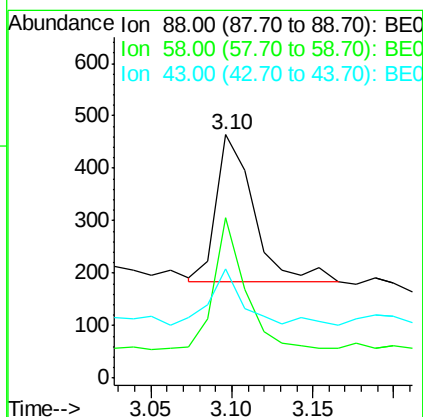
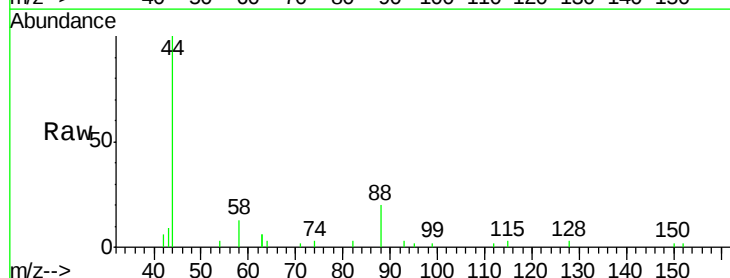
Tgt Ion: 152 Resp: 2550
Ion Ratio Lower Upper
152 100
150 156.0 117.2 175.8
115 64.3 57.0 85.6

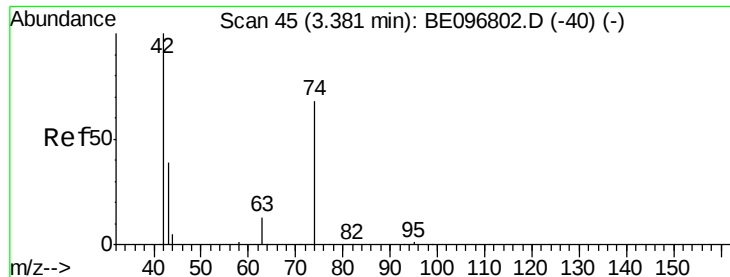


#2

1,4-Dioxane
Concen: 0.108 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.01 min
Lab File: BE096800.D
Acq: 18 Jun 2018 9:36

Tgt Ion: 88 Resp: 446
Ion Ratio Lower Upper
88 100
58 74.9 63.2 94.8
43 36.5 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.078 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

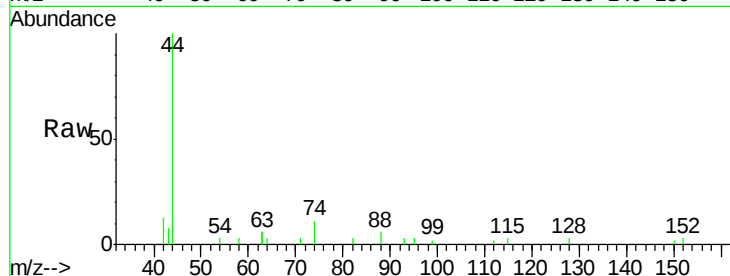
Tgt Ion: 42 Resp: 361

Ion Ratio Lower Upper

42 100

74 111.1 96.0 144.0

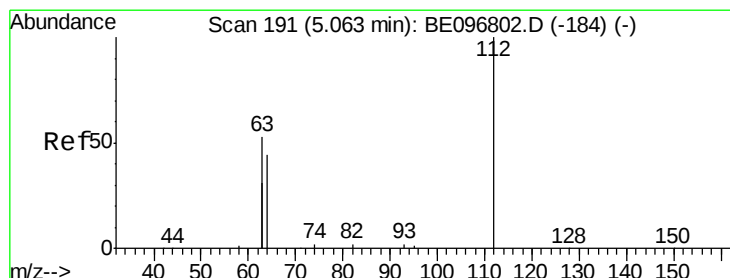
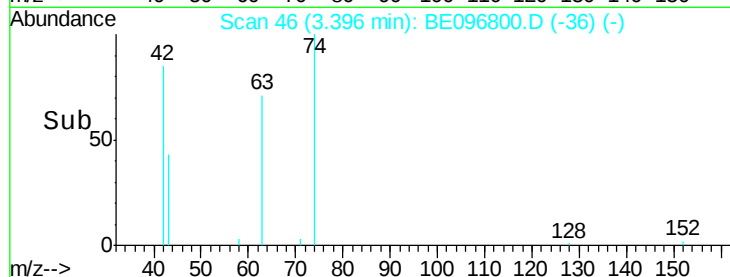
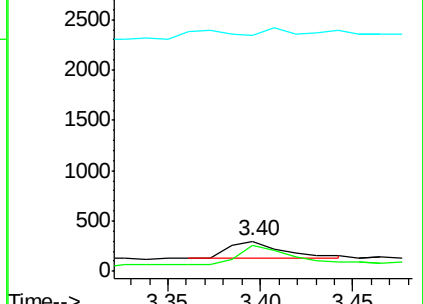
44 23.5 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.081 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.01 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

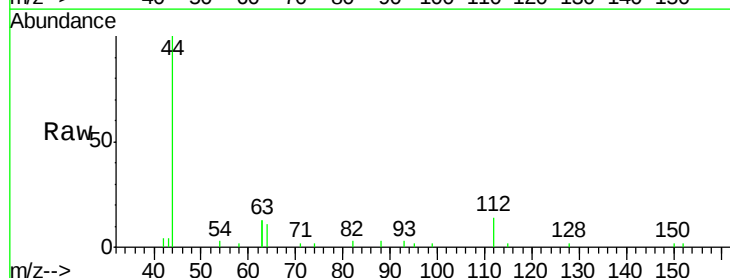
Tgt Ion: 112 Resp: 569

Ion Ratio Lower Upper

112 100

64 69.4 60.1 90.1

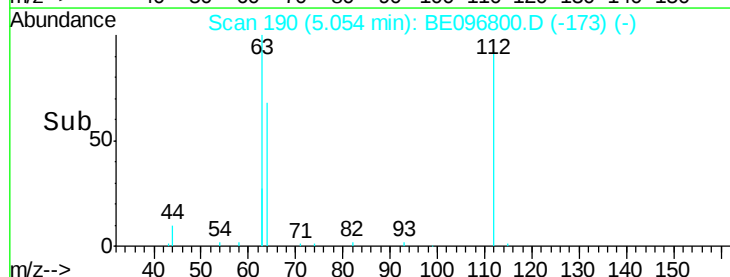
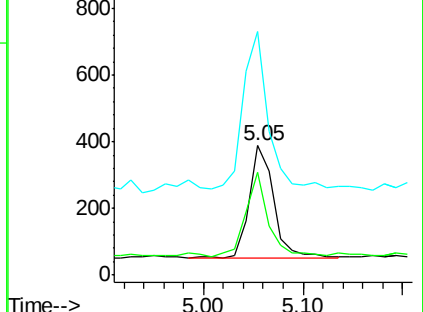
63 152.4 116.8 175.2

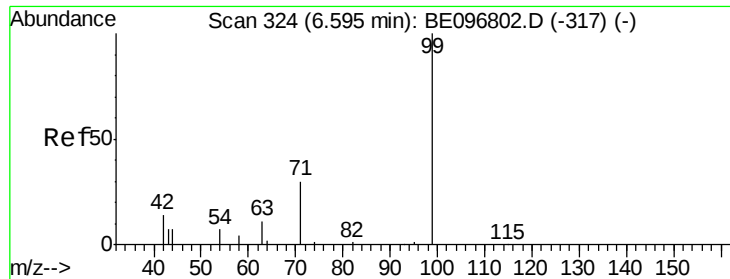


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.075 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

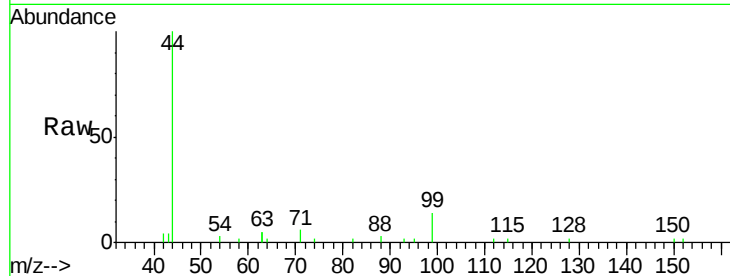
Tgt Ion: 99 Resp: 805

Ion Ratio Lower Upper

99 100

42 27.6 20.2 30.2

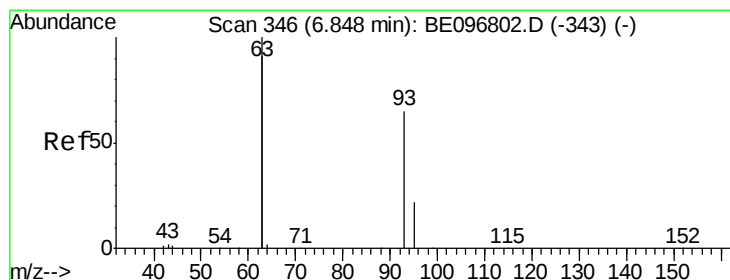
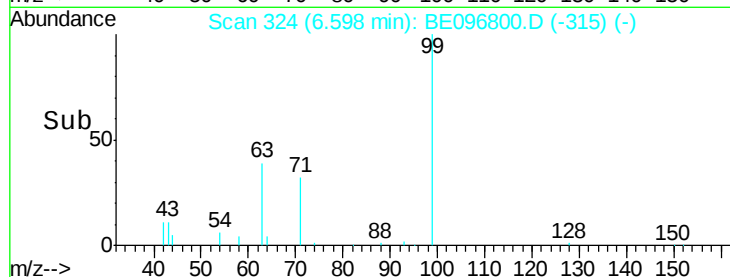
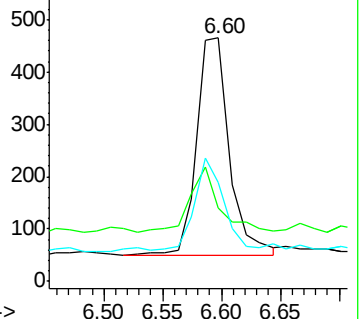
71 36.6 28.4 42.6



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: 0.095 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

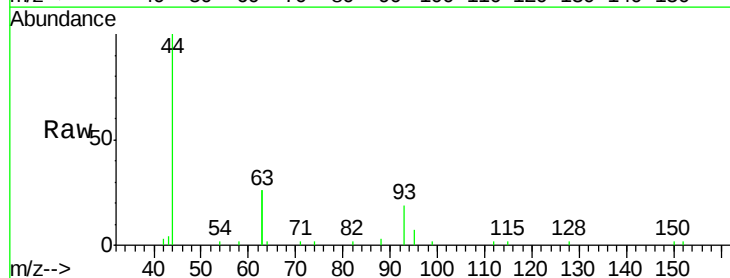
Tgt Ion: 93 Resp: 959

Ion Ratio Lower Upper

93 100

63 341.7 275.3 412.9

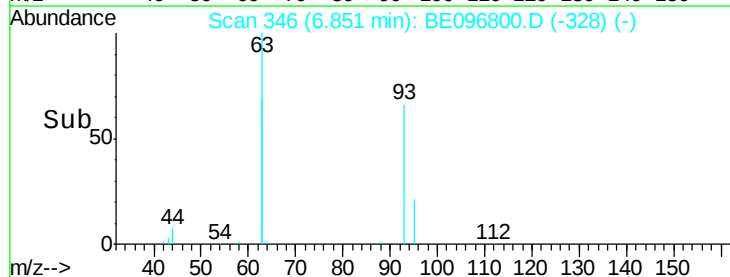
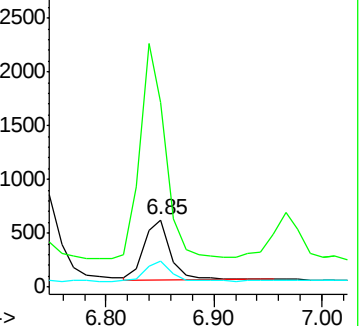
95 32.7 25.2 37.8

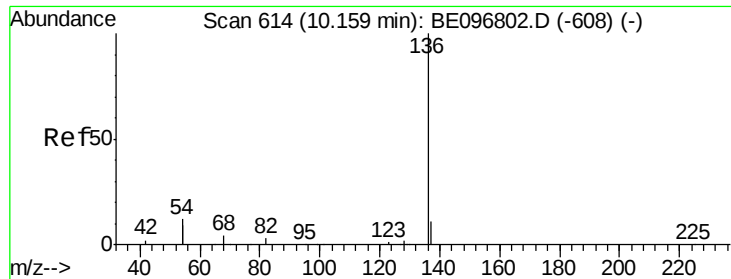


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 12395

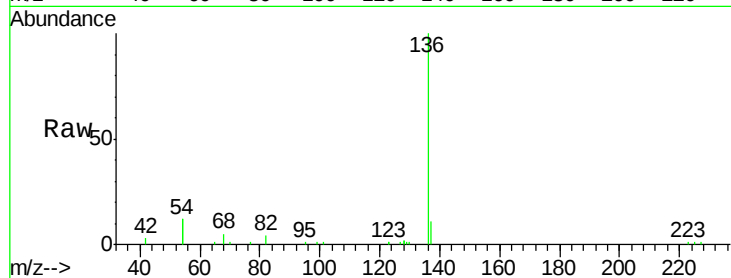
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 24.4 29.1 43.7#

68 4.9 6.2 9.2#



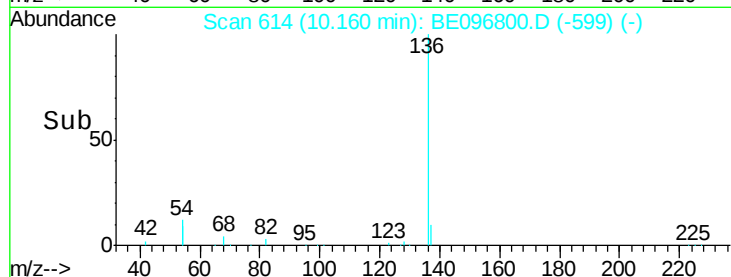
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

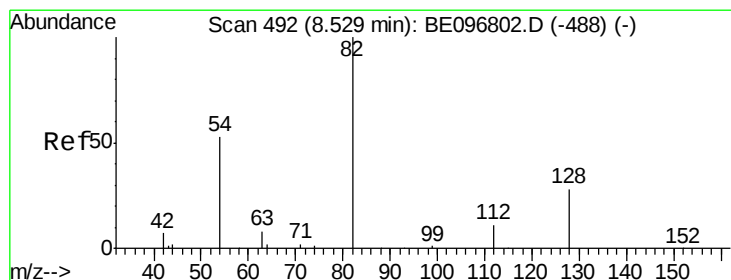
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.085 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

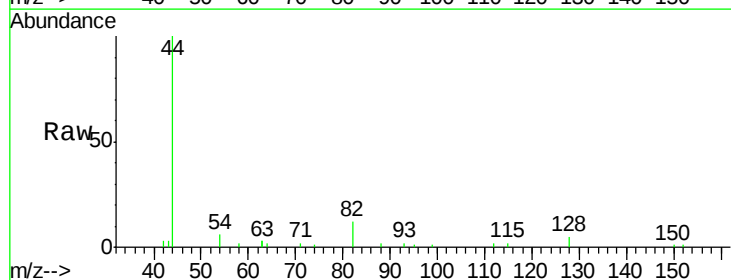
Tgt Ion: 82 Resp: 695

Ion Ratio Lower Upper

82 100

128 38.8 24.0 36.0#

54 51.2 40.0 60.0

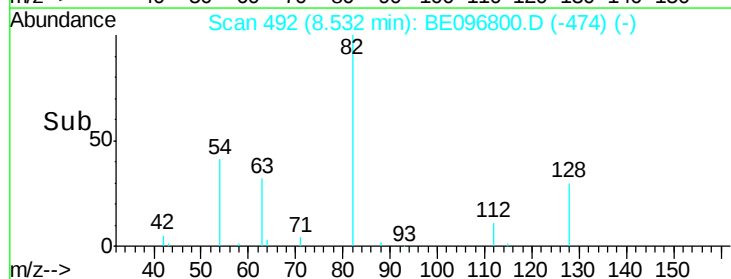


Abundance Ion 82.00 (81.70 to 82.70): BE0

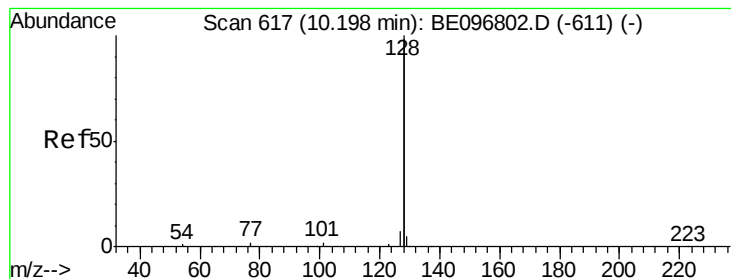
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Naphthalene

Concen: 0.102 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

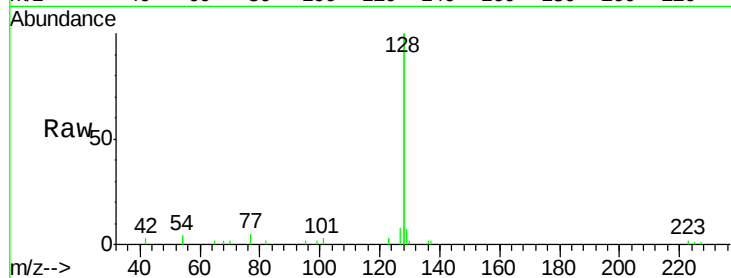
Tgt Ion:128 Resp: 12432

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

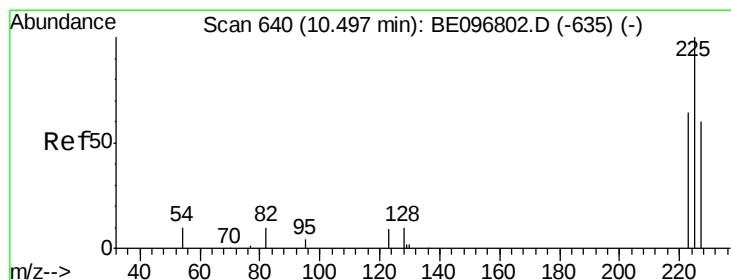
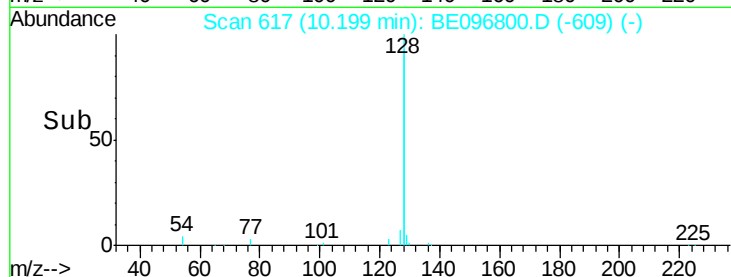
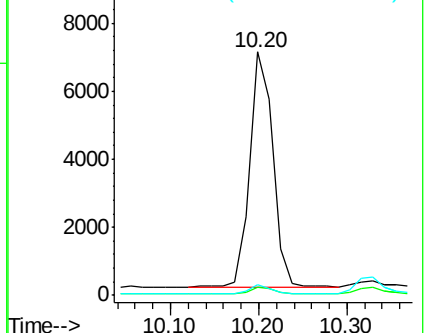
127 4.2 2.8 4.2



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: 0.103 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

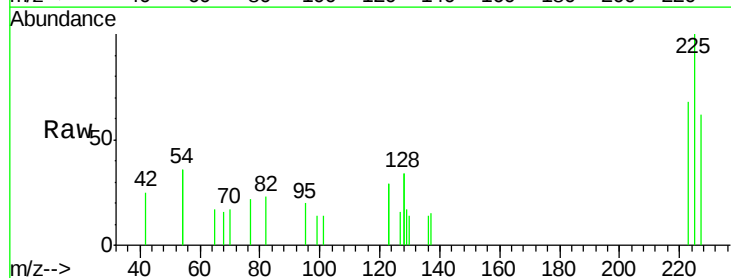
Tgt Ion:225 Resp: 516

Ion Ratio Lower Upper

225 100

223 66.7 53.0 79.6

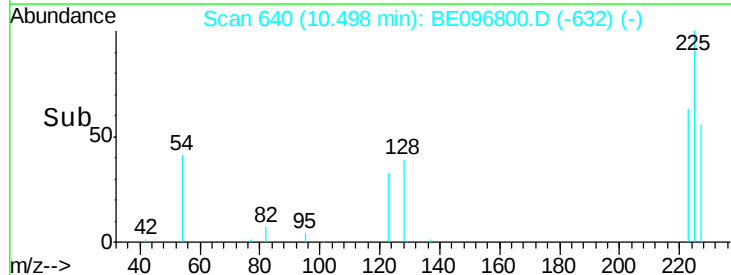
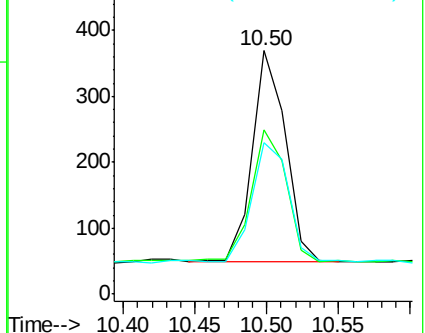
227 65.1 51.4 77.2

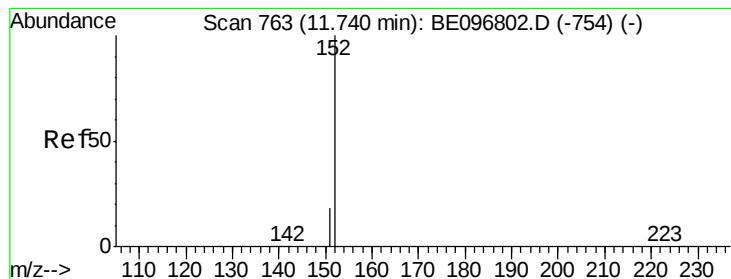


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.098 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

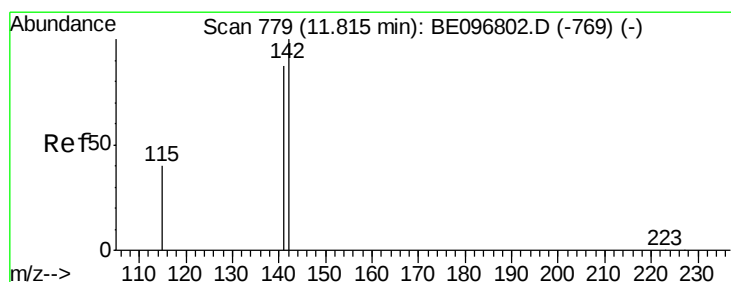
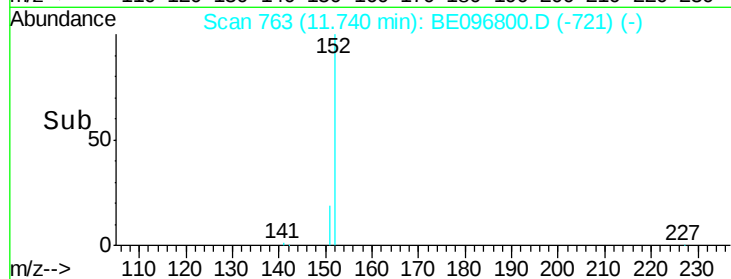
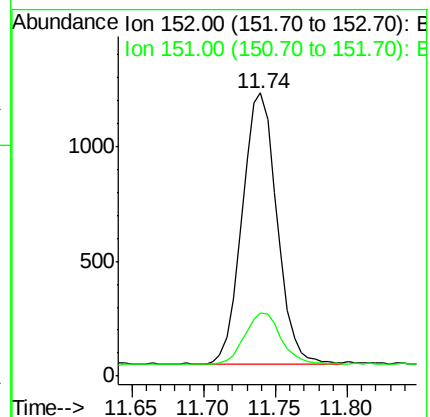
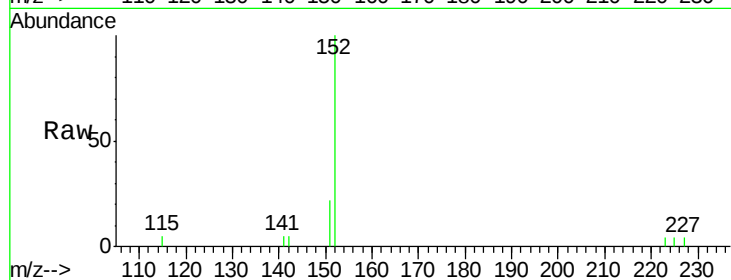
SSTDIC0.1

Tgt Ion:152 Resp: 1983

Ion Ratio Lower Upper

152 100

151 20.4 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.096 ng

RT: 11.82 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

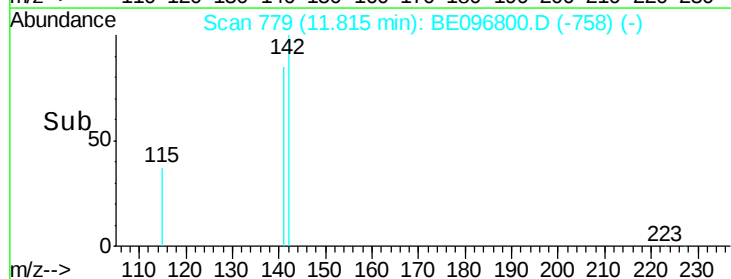
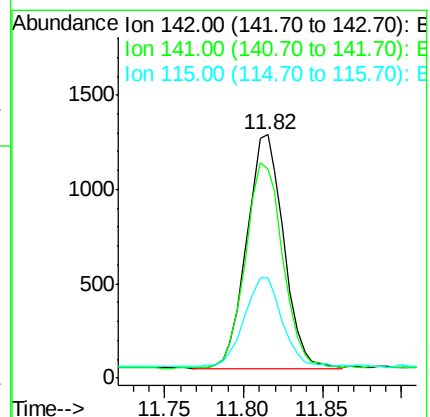
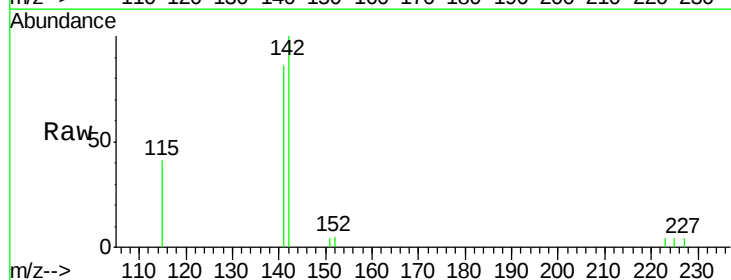
Tgt Ion:142 Resp: 2016

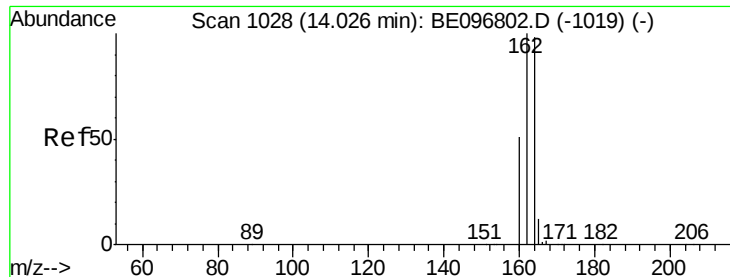
Ion Ratio Lower Upper

142 100

141 85.9 70.4 105.6

115 40.9 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: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

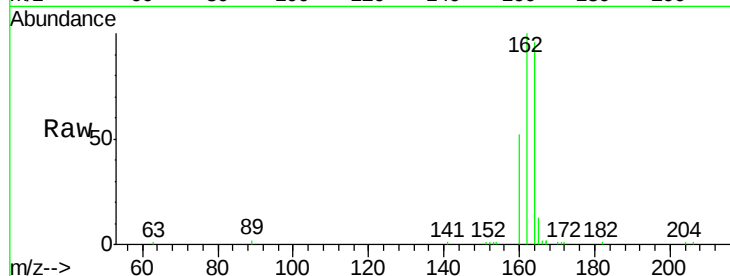
Tgt Ion:164 Resp: 6937

Ion Ratio Lower Upper

164 100

162 104.6 83.1 124.7

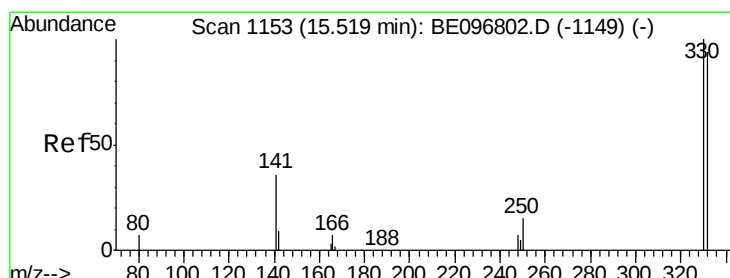
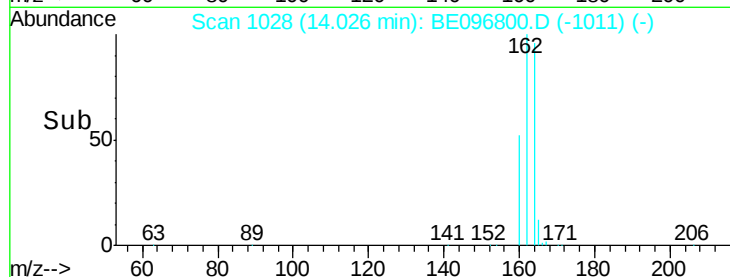
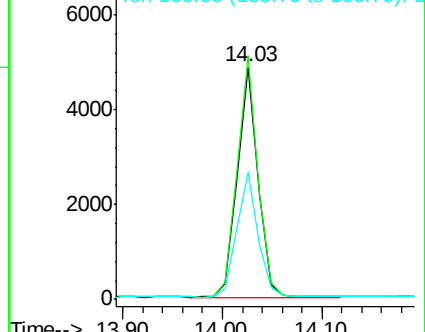
160 54.7 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.059 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

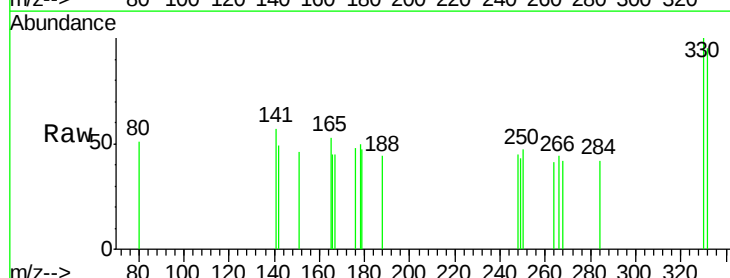
Tgt Ion:330 Resp: 132

Ion Ratio Lower Upper

330 100

332 94.7 152.7 229.1#

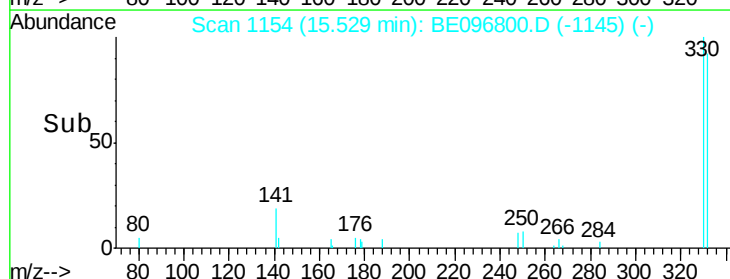
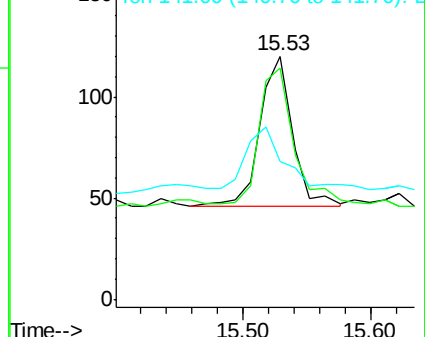
141 43.9 33.7 50.5

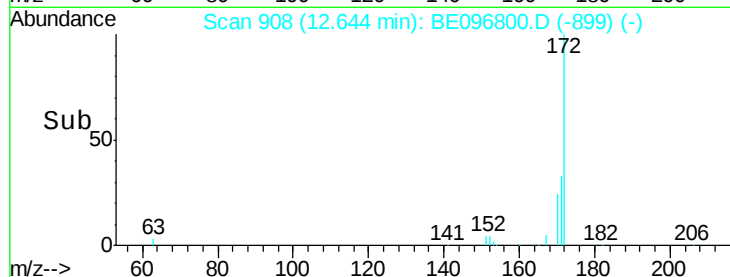
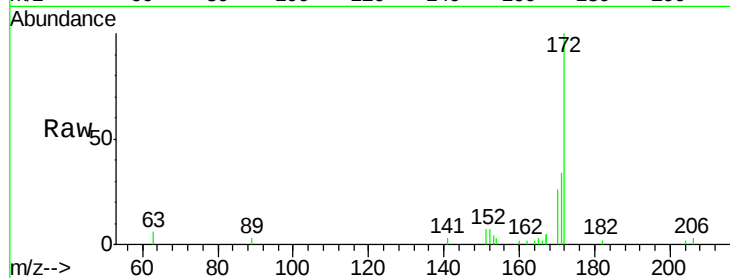
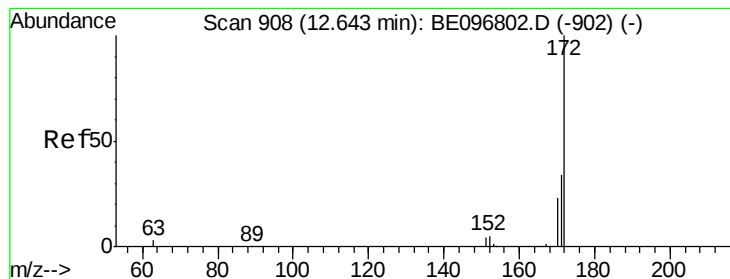


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.107 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

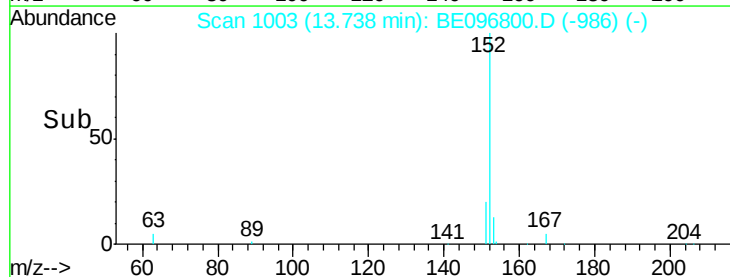
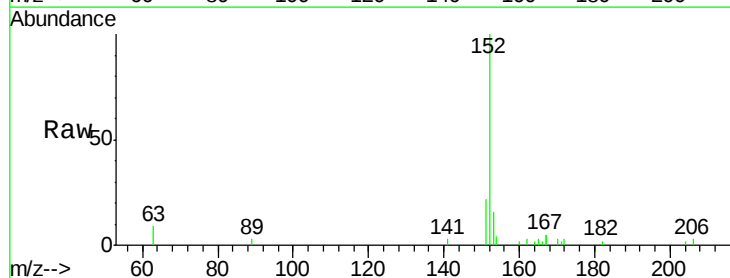
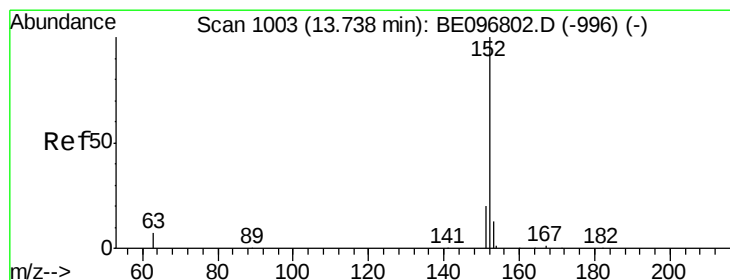
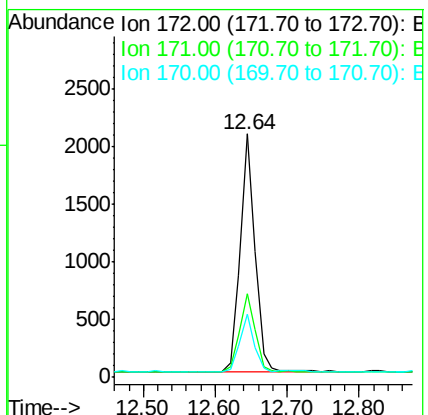
BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:172 Resp: 2933

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	25.9	21.8	32.8



#16

Acenaphthylene

Concen: 0.093 ng

RT: 13.74 min Scan# 1003

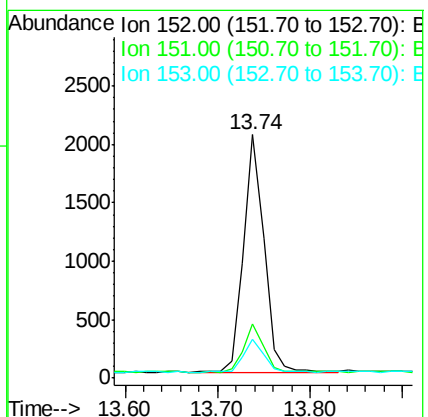
Delta R.T. 0.00 min

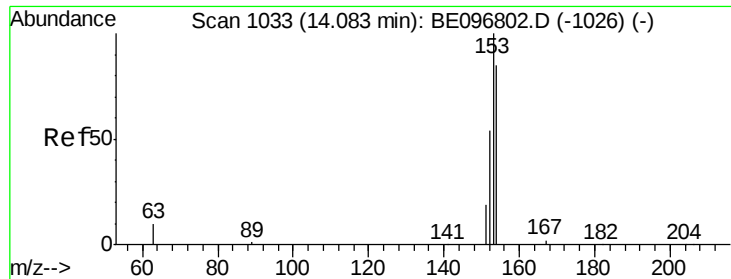
Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Tgt Ion:152 Resp: 3125

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	14.1	10.5	15.7





#17

Acenaphthene

Concen: 0.099 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

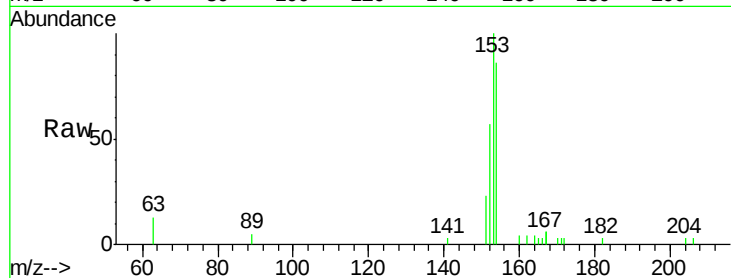
Tgt Ion:154 Resp: 2190

Ion Ratio Lower Upper

154 100

153 114.5 89.2 133.8

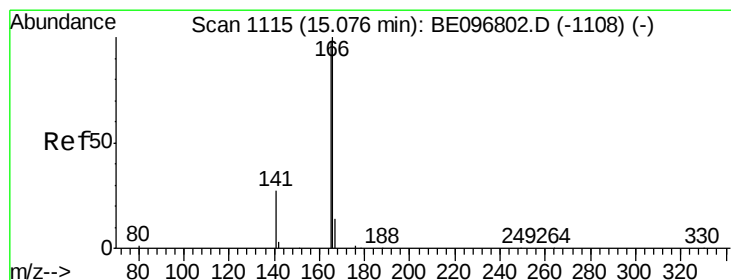
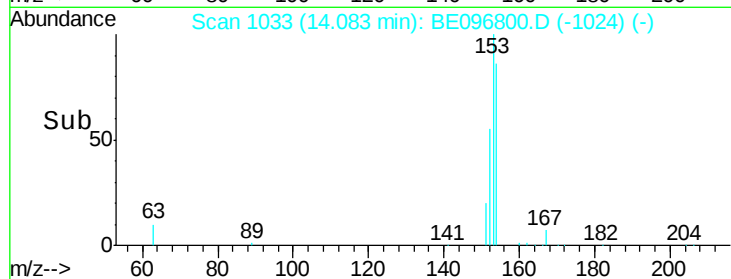
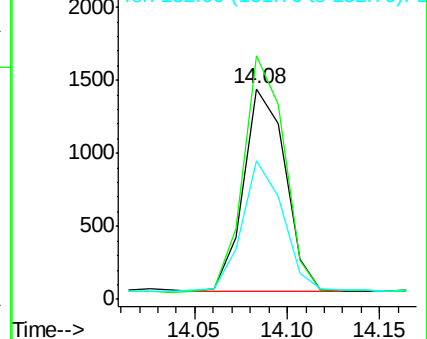
152 62.7 42.0 63.0



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: 0.095 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

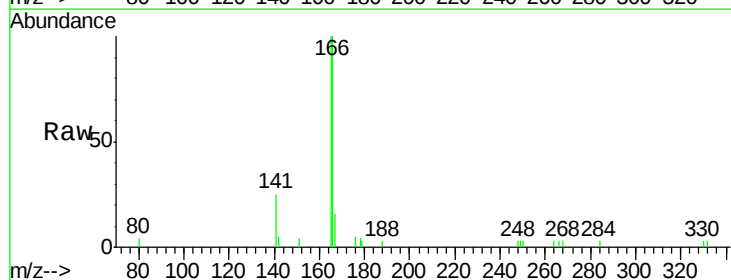
Tgt Ion:166 Resp: 2528

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

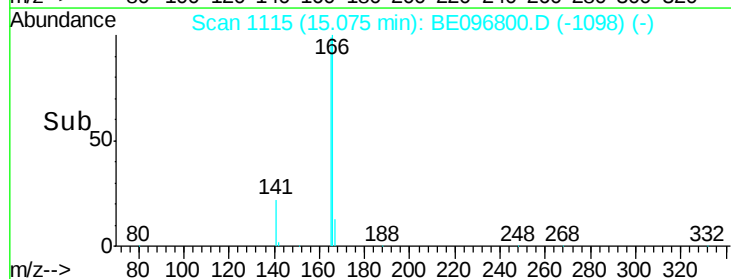
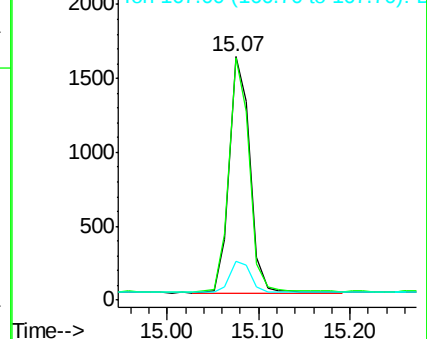
167 13.3 42.4 63.6#

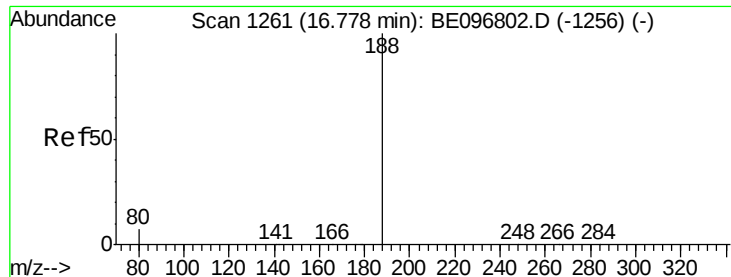


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

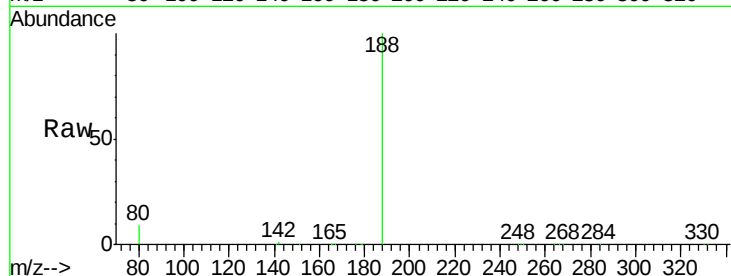
Tgt Ion:188 Resp: 19697

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

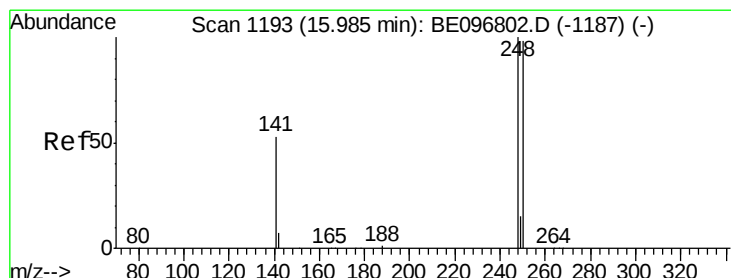
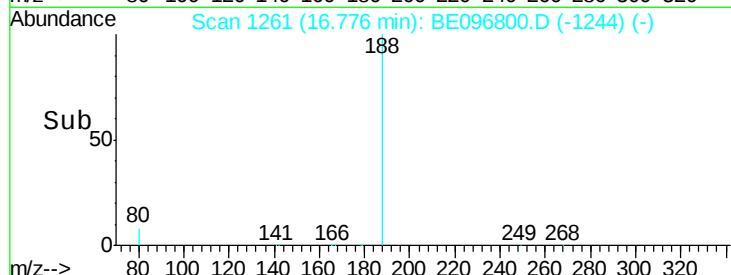
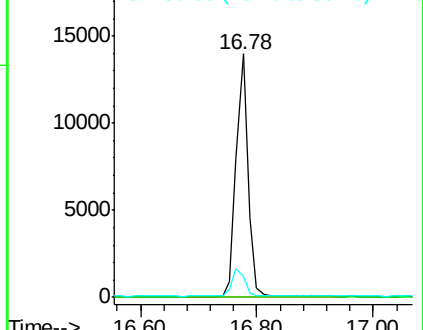
80 8.6 3.6 5.4#



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: 0.091 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

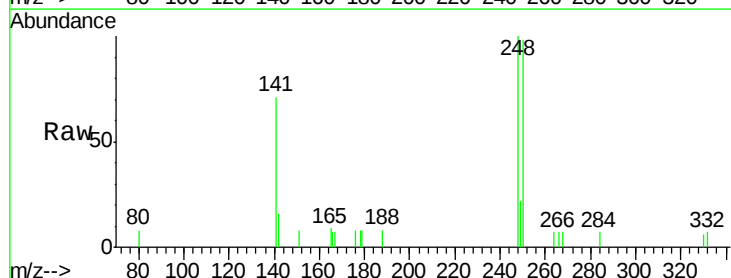
Tgt Ion:248 Resp: 885

Ion Ratio Lower Upper

248 100

250 97.6 62.7 94.1#

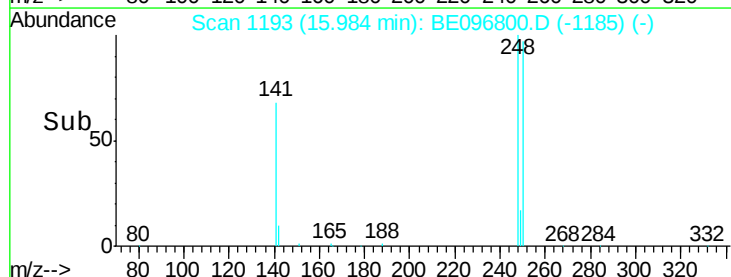
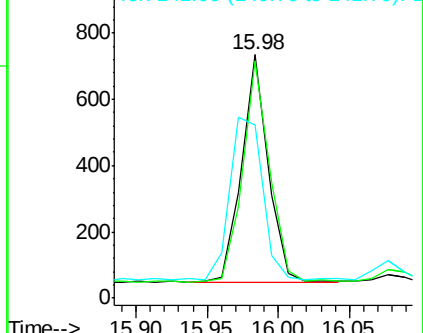
141 71.3 48.2 72.2

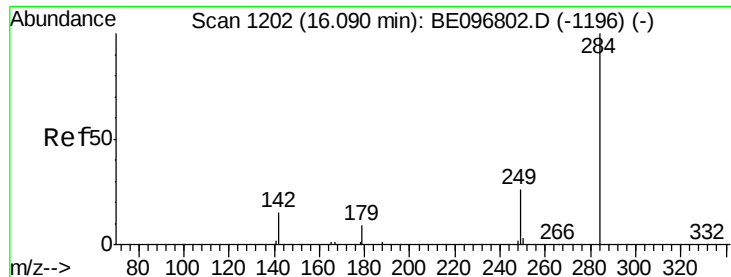


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.103 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampled :

SSTDIC0.1

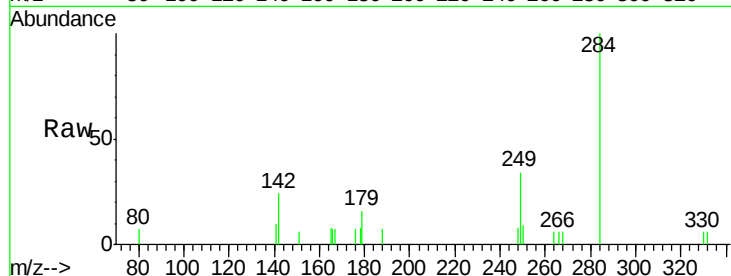
Tgt Ion:284 Resp: 1136

Ion Ratio Lower Upper

284 100

142 39.3 22.1 33.1#

249 32.8 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

16.09

800

600

400

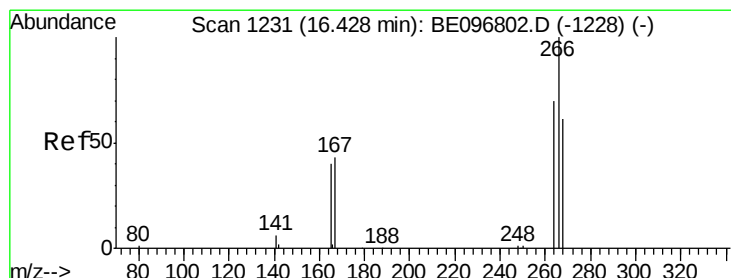
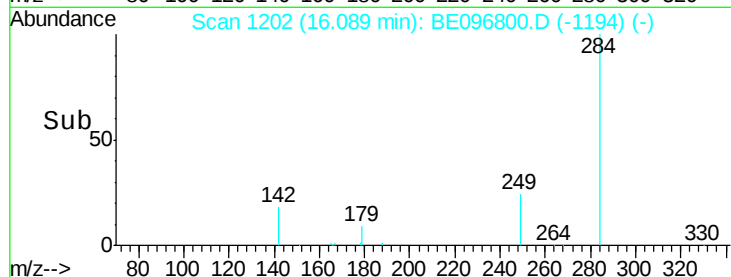
200

0

16.00

16.10

Time-->



#22

Pentachlorophenol

Concen: 0.068 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

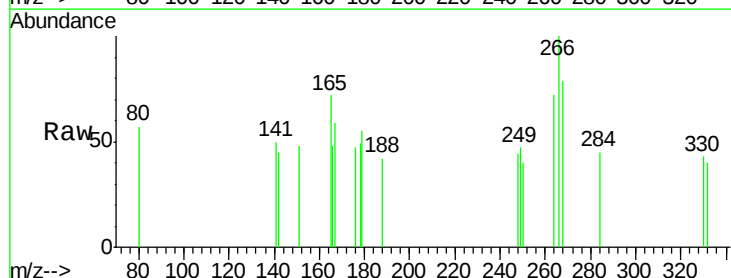
Tgt Ion:266 Resp: 175

Ion Ratio Lower Upper

266 100

264 72.3 72.5 108.7#

268 79.0 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

16.44

150

100

50

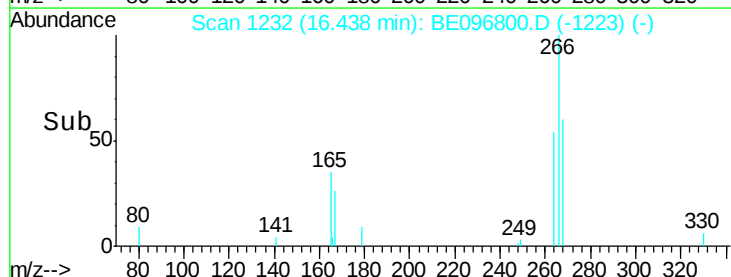
0

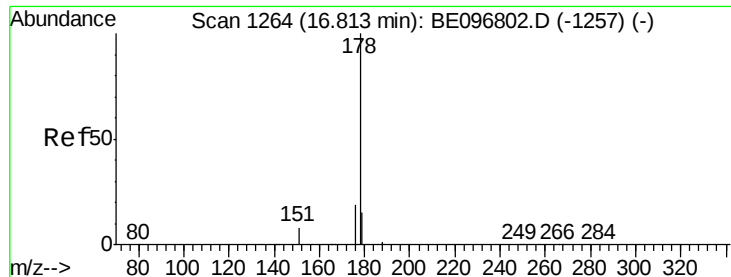
16.30

16.40

16.50

Time-->





#23

Phenanthrene

Concen: 0.100 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

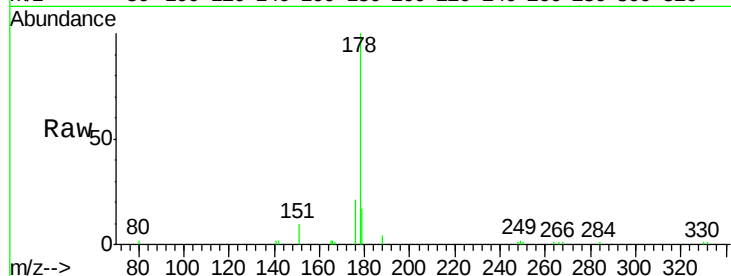
Tgt Ion:178 Resp: 5359

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

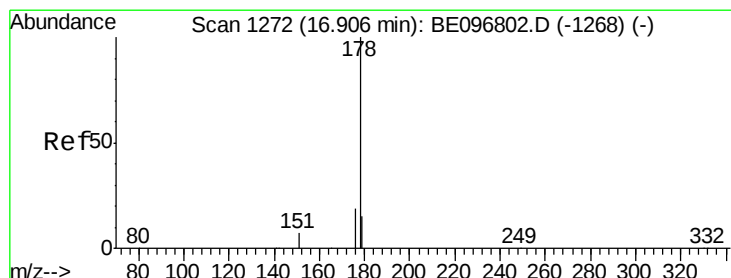
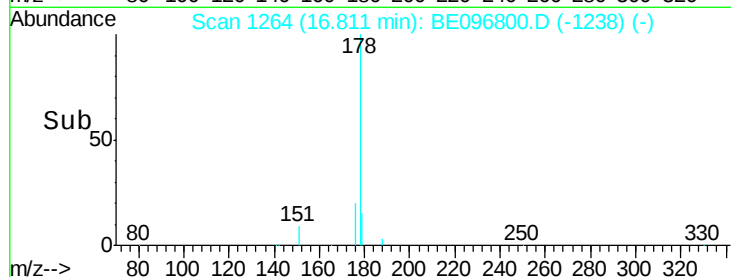
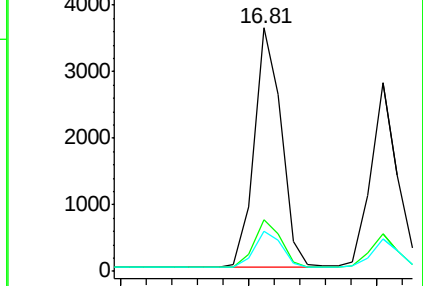
179 16.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.087 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

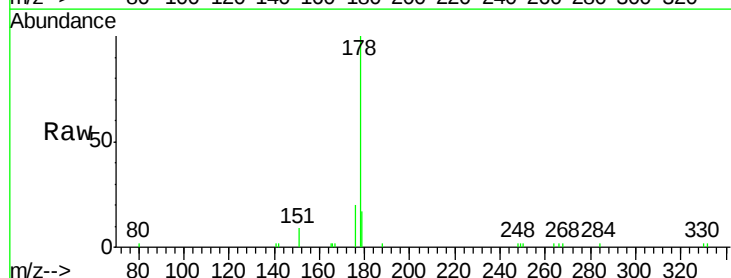
Tgt Ion:178 Resp: 3983

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

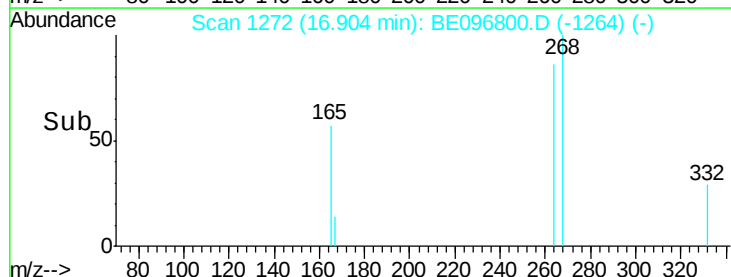
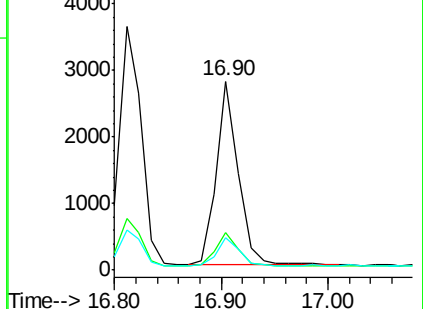
179 16.3 13.0 19.6

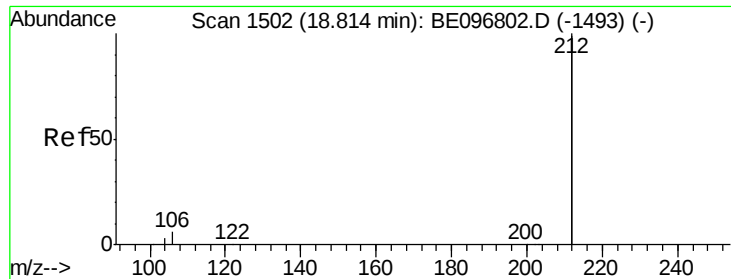


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.085 ng

RT: 18.82 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

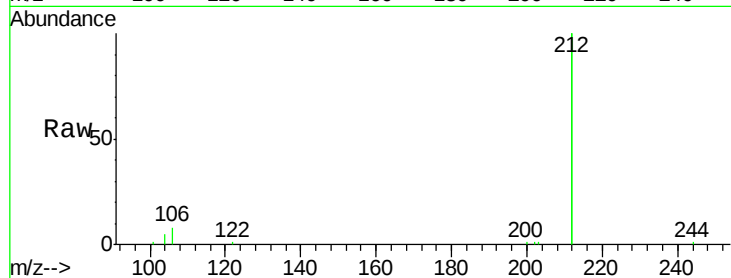
Tgt Ion:212 Resp: 17224

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

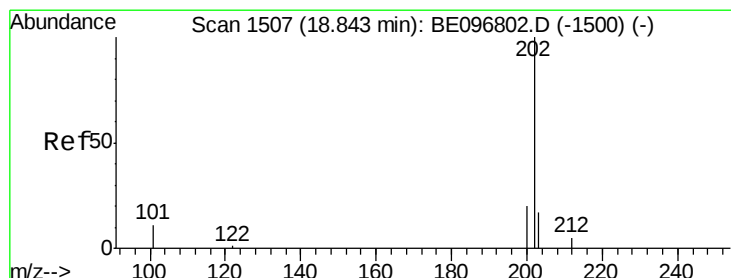
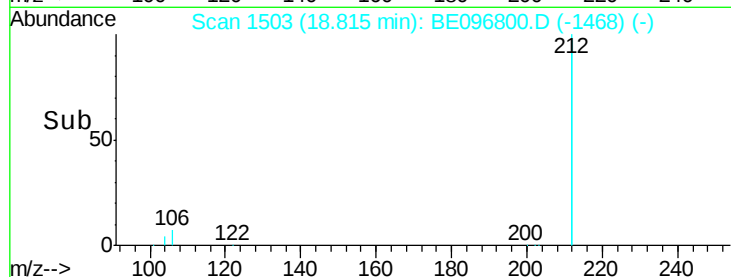
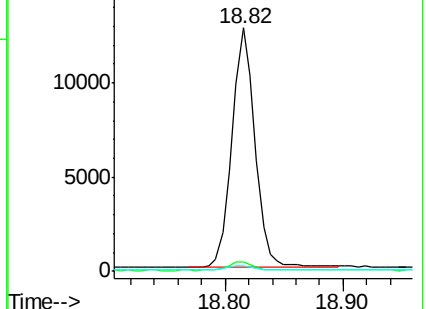
104 2.1 1.6 2.4



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: 0.083 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

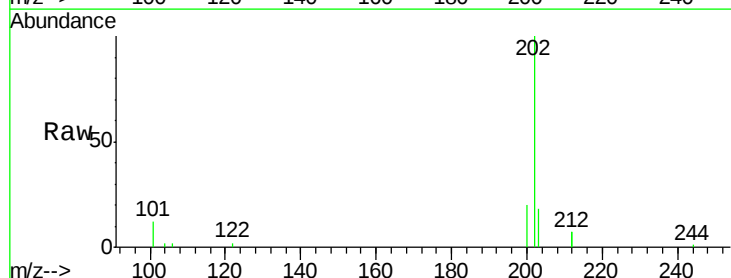
Tgt Ion:202 Resp: 4872

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

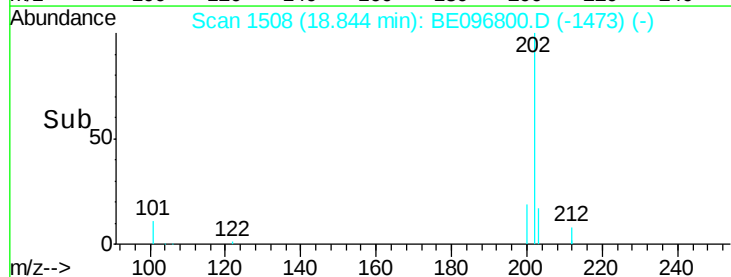
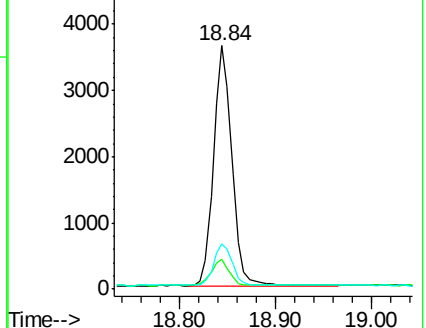
203 17.4 13.7 20.5

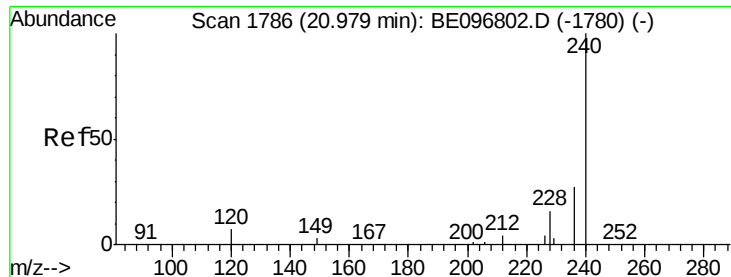


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1787

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

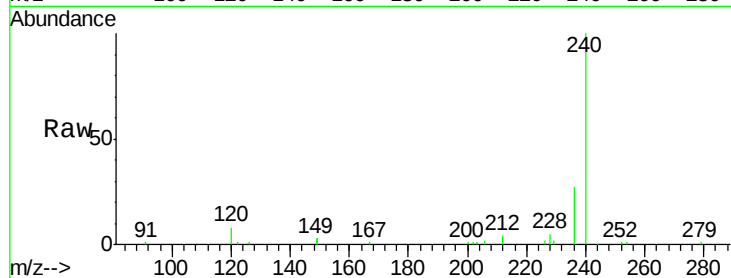
Tgt Ion:240 Resp: 13972

Ion Ratio Lower Upper

240 100

120 7.5 5.5 8.3

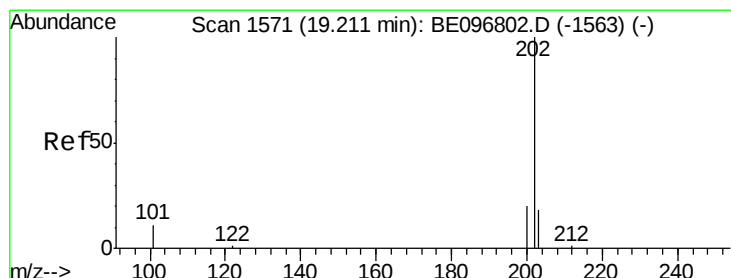
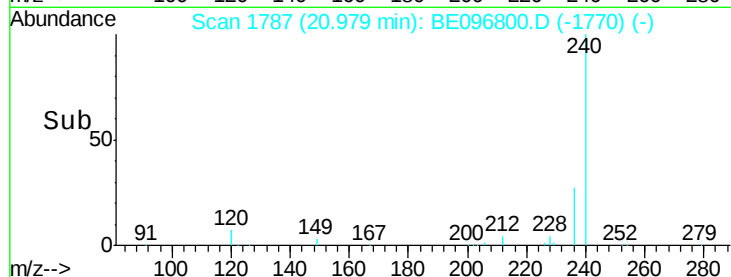
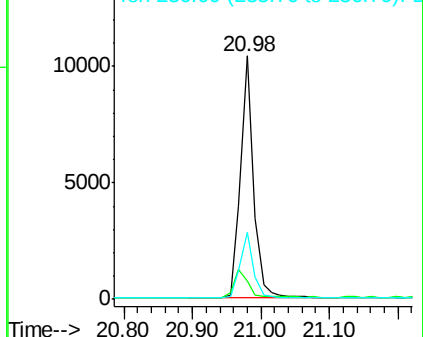
236 27.4 20.7 31.1



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: 0.110 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

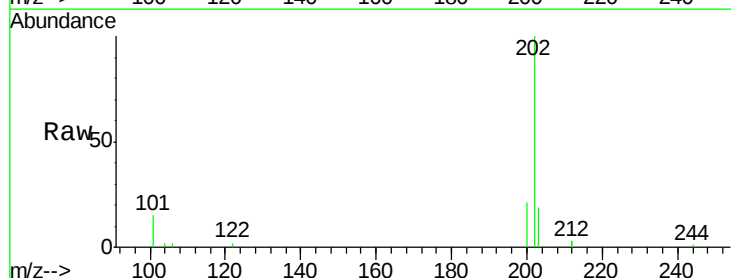
Tgt Ion:202 Resp: 4925

Ion Ratio Lower Upper

202 100

200 19.5 16.6 25.0

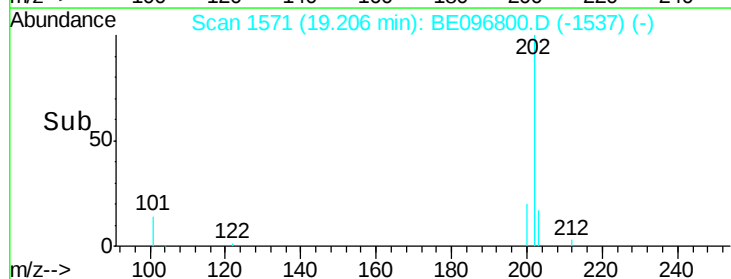
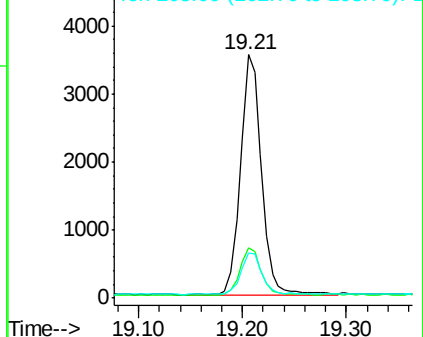
203 17.8 13.8 20.8

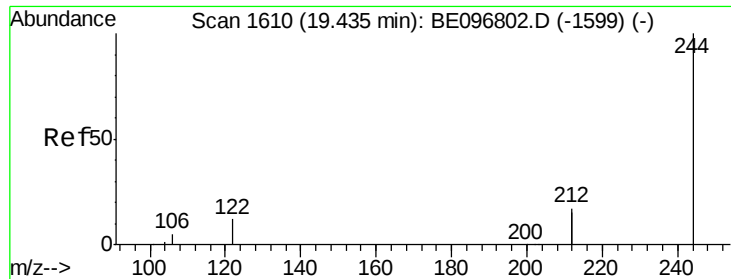


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.108 ng

RT: 19.44 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

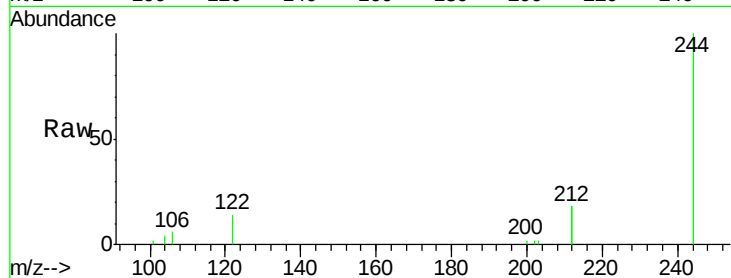
Tgt Ion:244 Resp: 3327

Ion Ratio Lower Upper

244 100

212 36.9 25.4 38.0

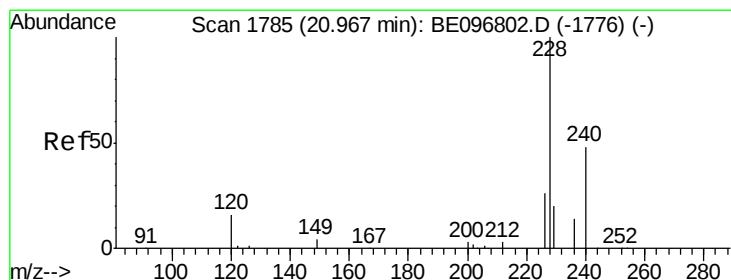
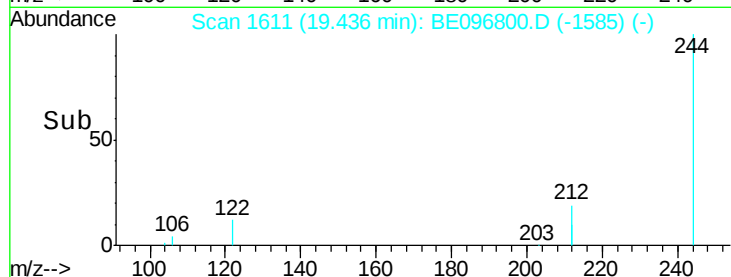
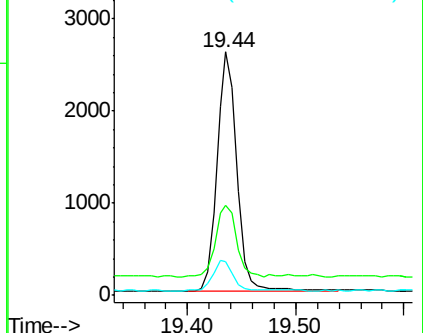
122 13.6 8.1 12.1#



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: 0.087 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

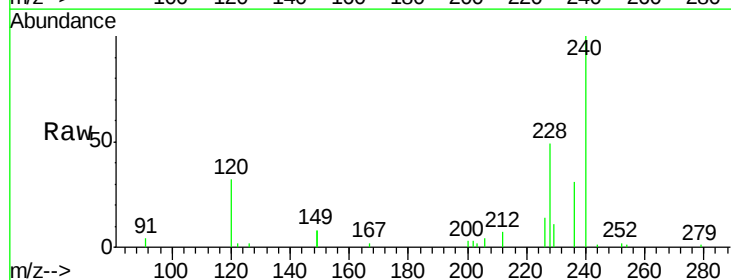
Tgt Ion:228 Resp: 3198

Ion Ratio Lower Upper

228 100

226 27.8 24.0 36.0

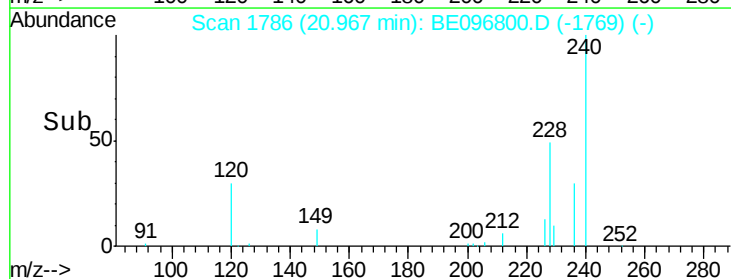
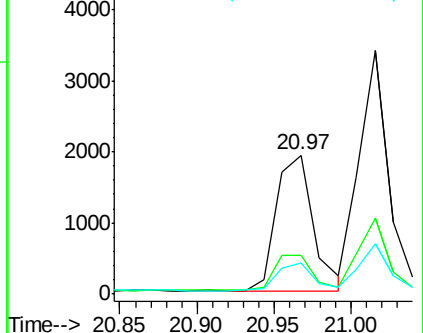
229 22.8 16.0 24.0

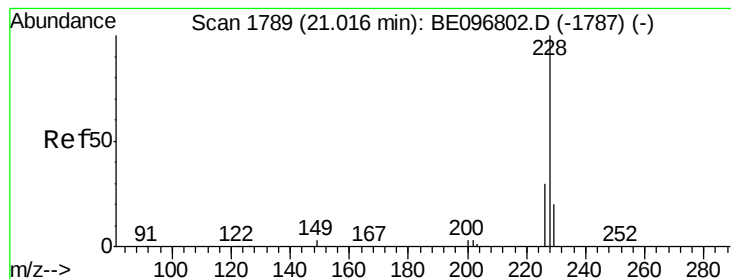


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.105 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

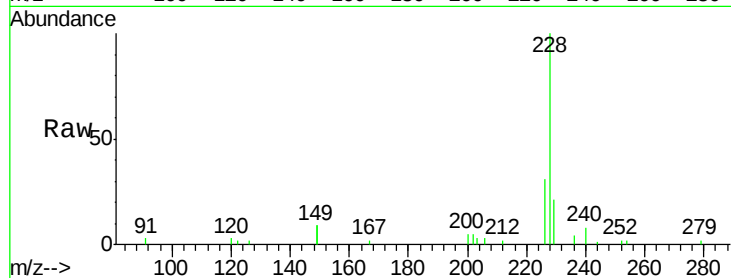
Tgt Ion: 228 Resp: 4468

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

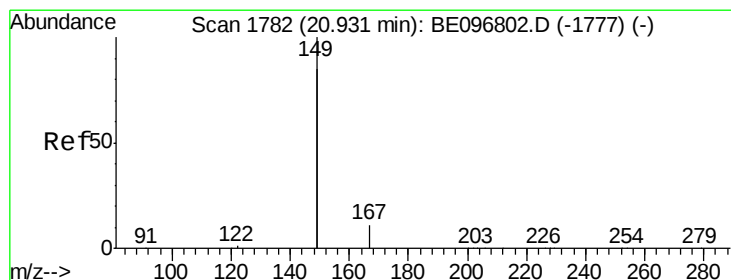
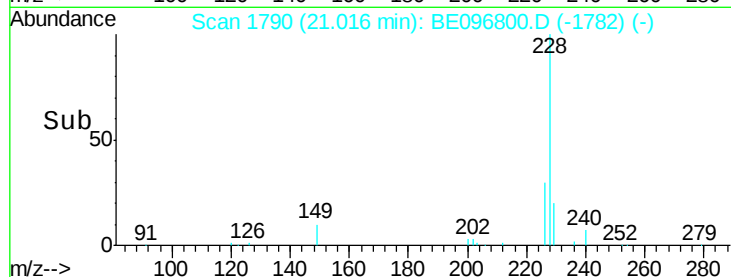
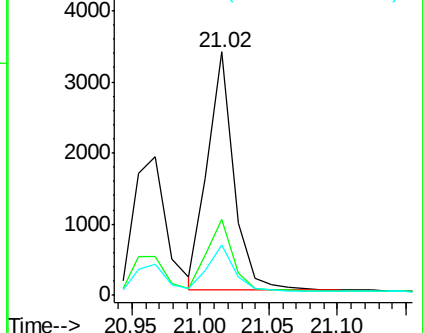
229 20.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

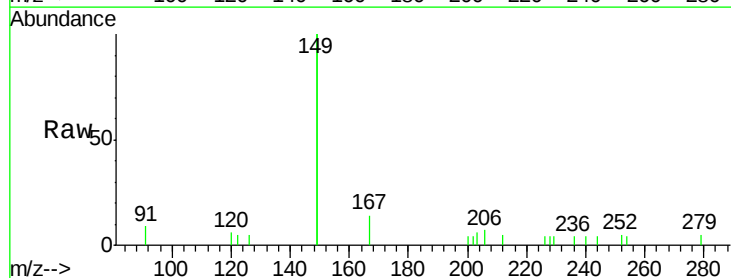
Tgt Ion: 149 Resp: 2854

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

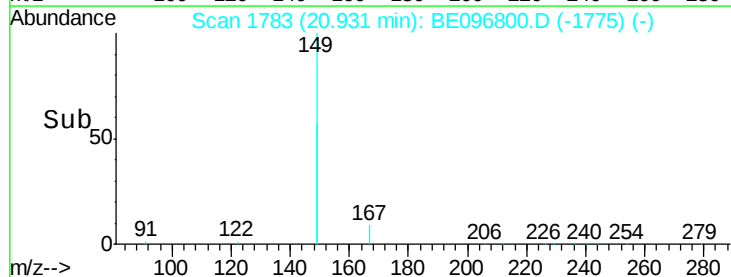
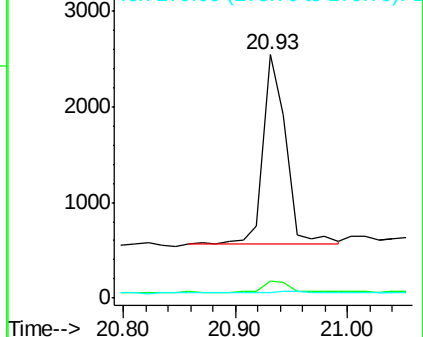
279 1.5 0.7 1.1#

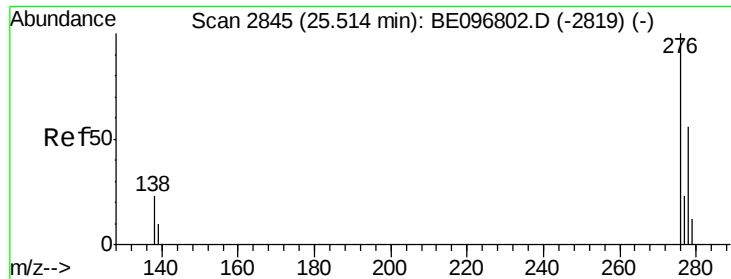


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

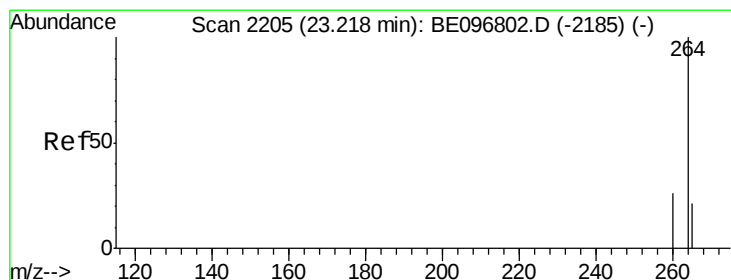
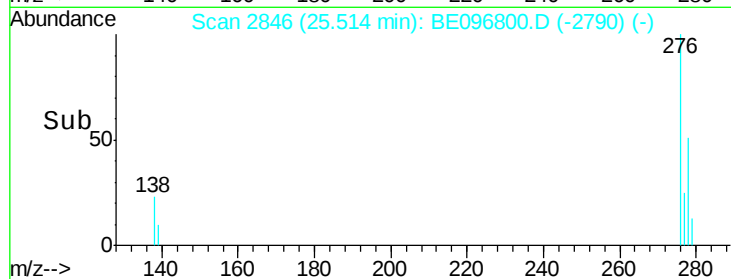
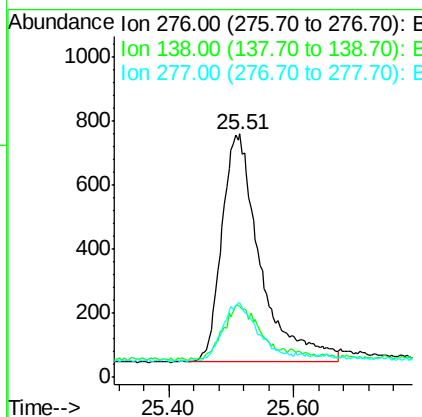
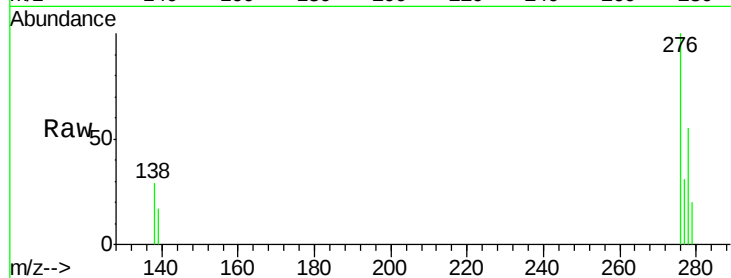




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.083 ng
 RT: 25.51 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BE096800.D
 Acq: 18 Jun 2018 9:36

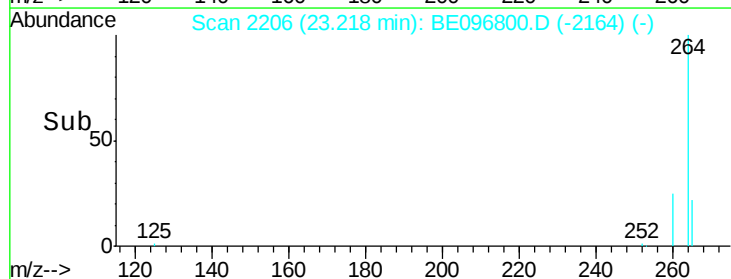
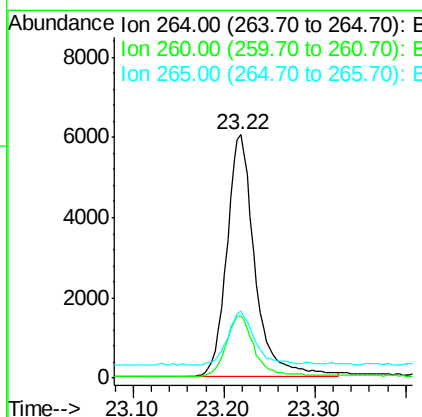
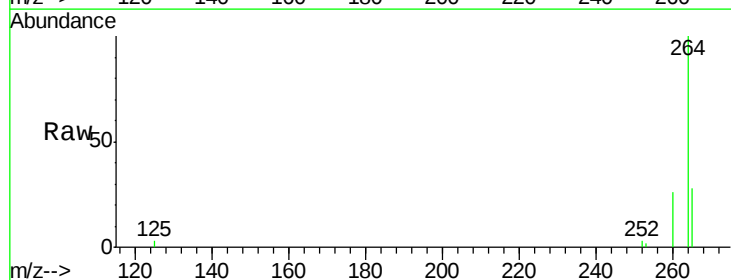
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

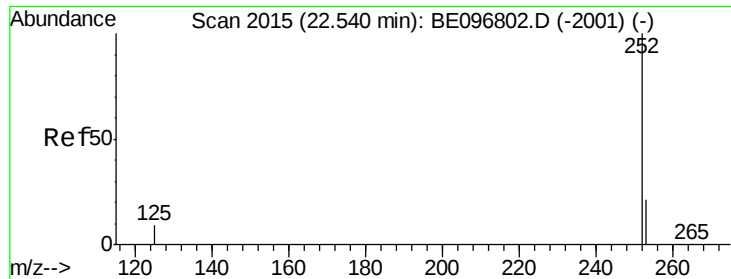
Tgt Ion: 276 Resp: 3045
 Ion Ratio Lower Upper
 276 100
 138 22.6 22.5 33.7
 277 23.3 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE096800.D
 Acq: 18 Jun 2018 9:36

Tgt Ion: 264 Resp: 12853
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 27.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.087 ng

RT: 22.54 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

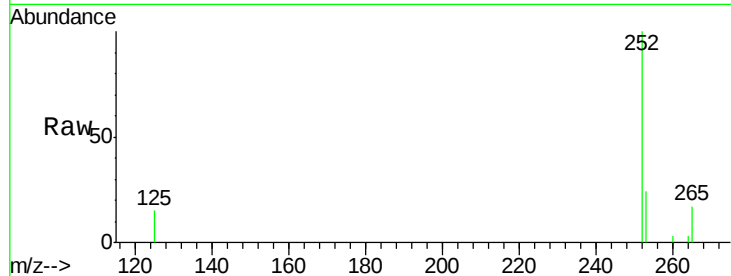
Tgt Ion:252 Resp: 3181

Ion Ratio Lower Upper

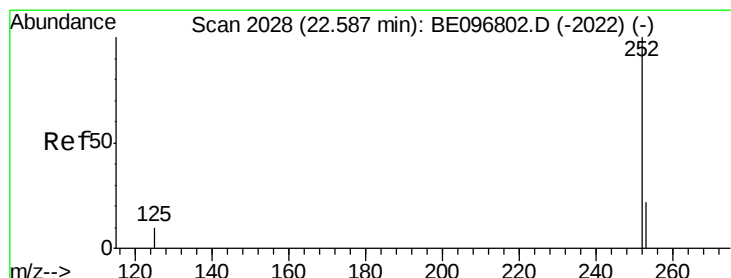
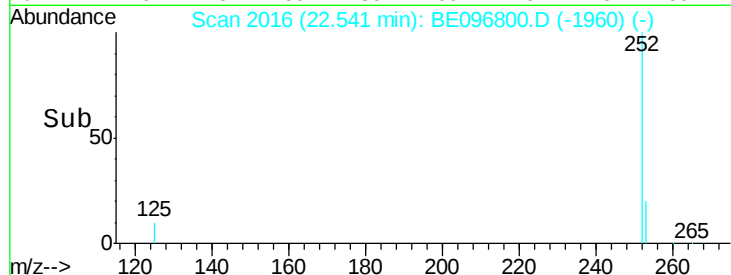
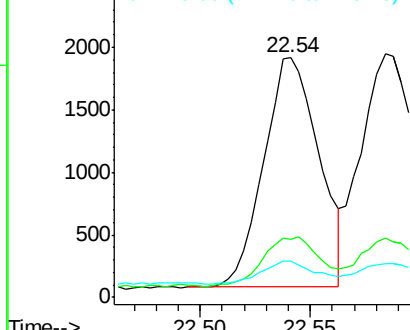
252 100

253 24.3 20.0 30.0

125 15.2 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.089 ng

RT: 22.58 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

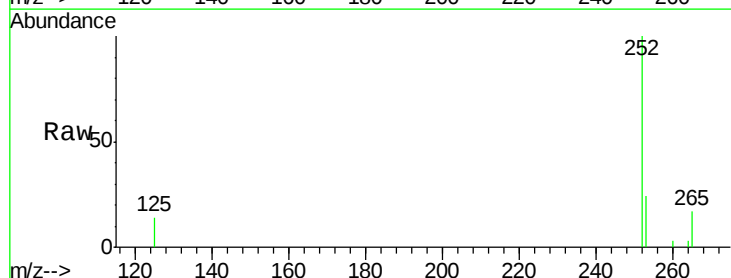
Tgt Ion:252 Resp: 3698

Ion Ratio Lower Upper

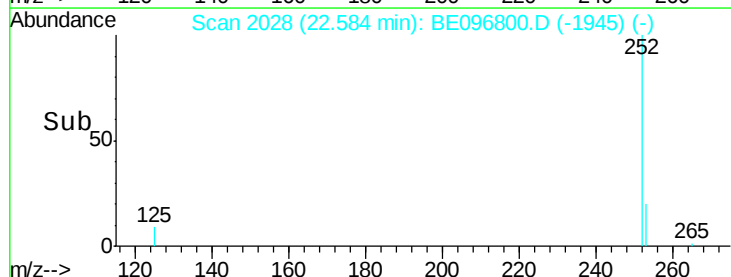
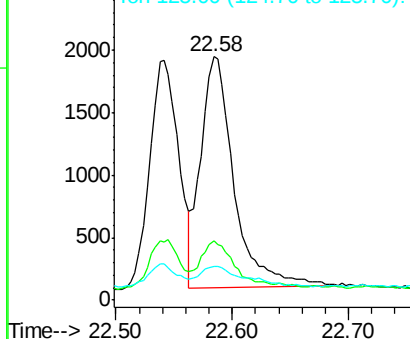
252 100

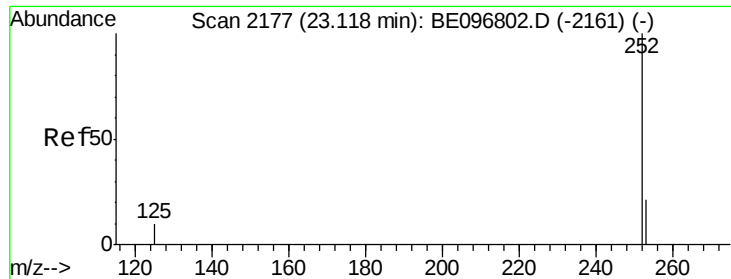
253 24.2 16.0 24.0#

125 13.8 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.082 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

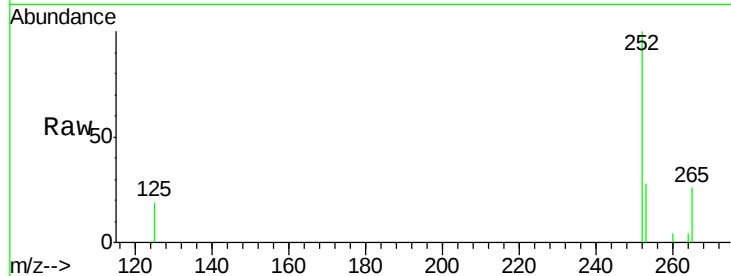
Tgt Ion: 252 Resp: 2700

Ion Ratio Lower Upper

252 100

253 28.4 16.0 24.0#

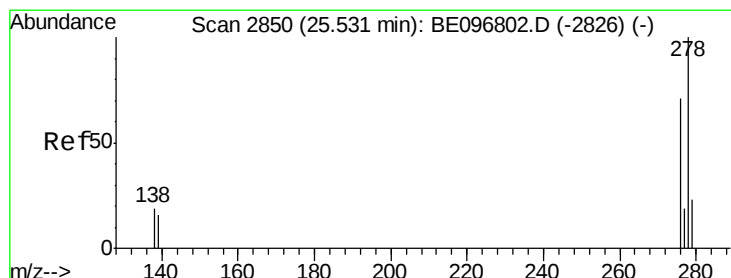
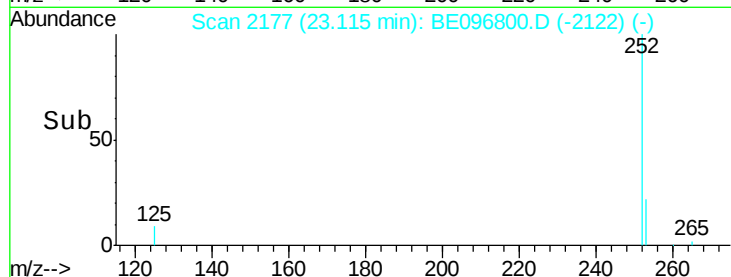
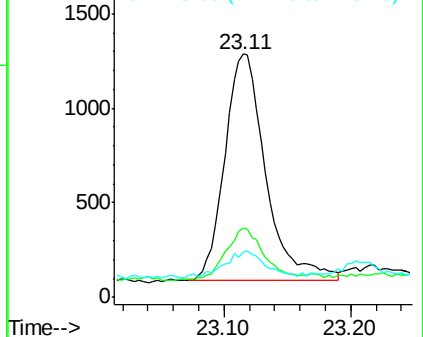
125 18.7 12.0 18.0#



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: 0.070 ng

RT: 25.53 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE096800.D

Acq: 18 Jun 2018 9:36

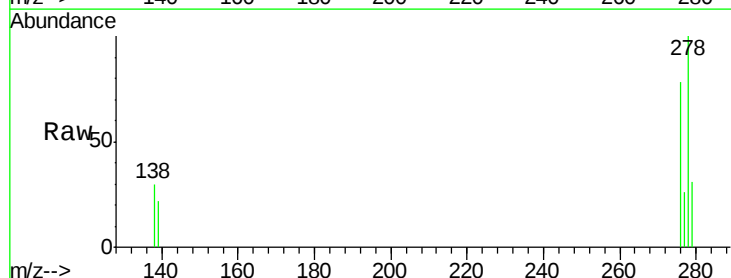
Tgt Ion: 278 Resp: 2242

Ion Ratio Lower Upper

278 100

139 22.1 16.0 24.0

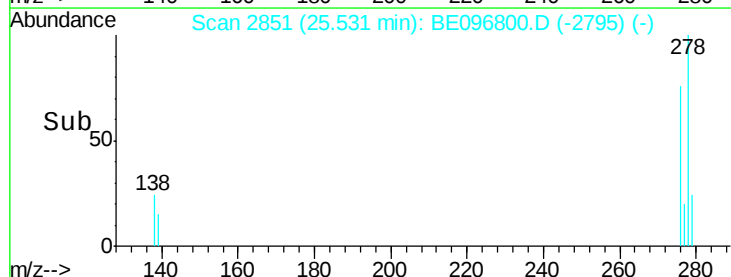
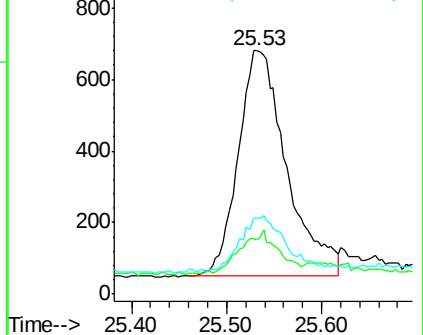
279 31.3 20.0 30.0#

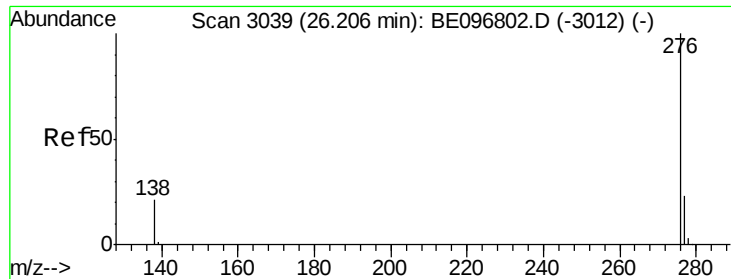


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.086 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE096800.D

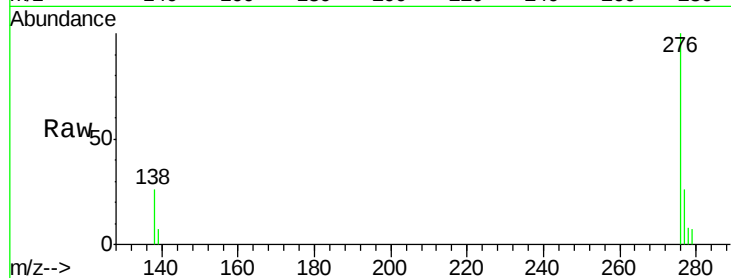
Acq: 18 Jun 2018 9:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



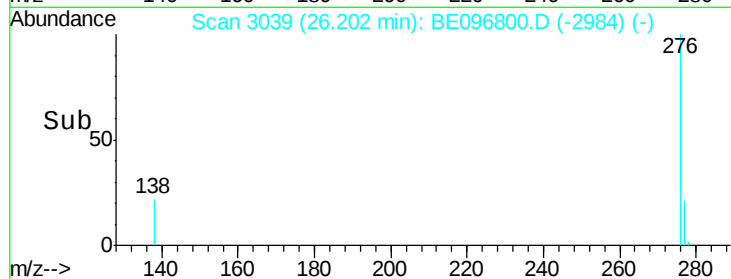
Tgt Ion: 276 Resp: 2918

Ion Ratio Lower Upper

276 100

277 25.9 16.0 24.0#

138 26.4 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

