

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
 Data File : BE096828.D
 Acq On : 20 Jun 2018 10:23
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jun 20 11:46:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 11:46:39 2018
 Response via : Initial Calibration

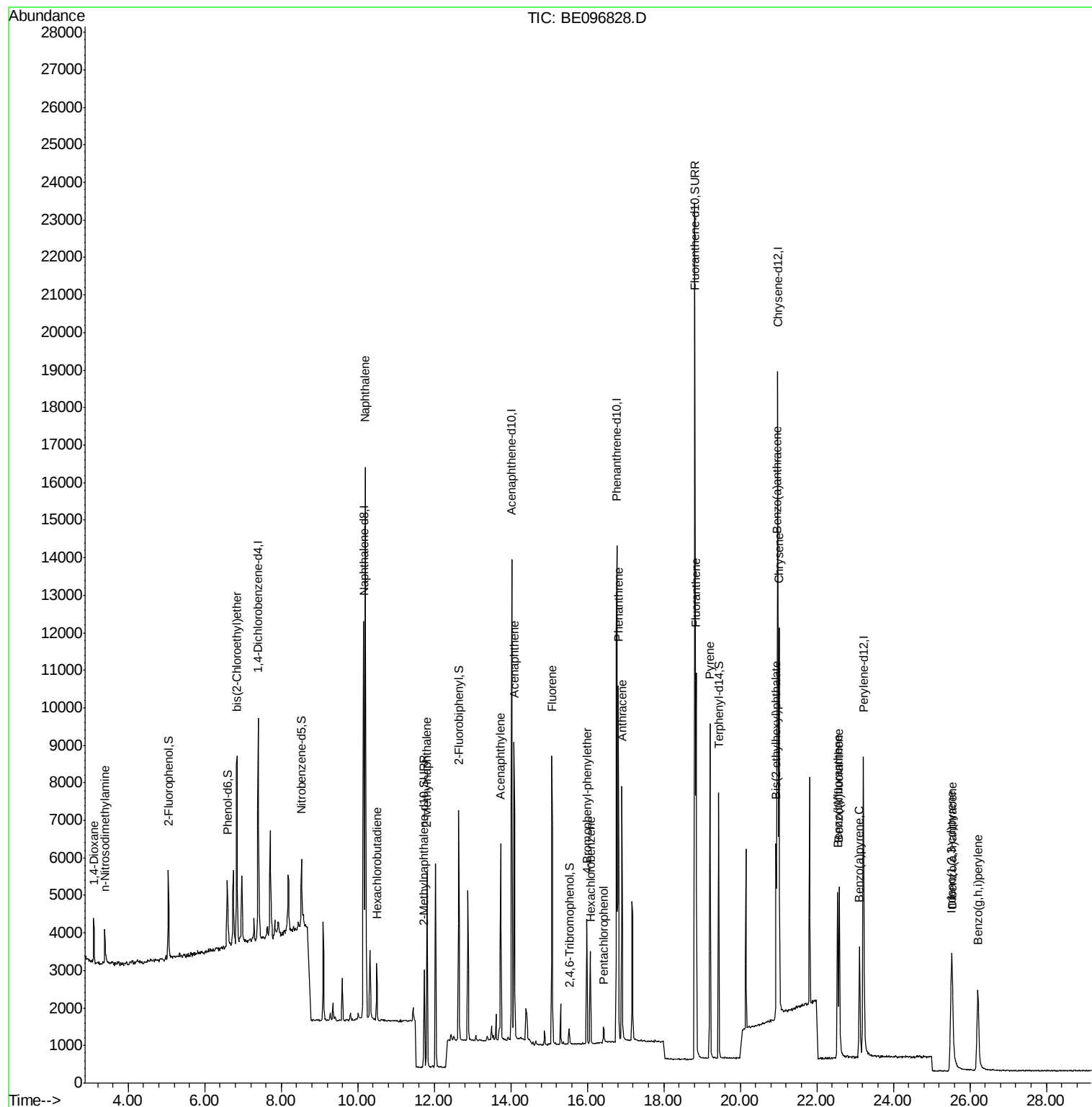
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2525	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12419	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6844	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	18664	0.40	ng	0.00
27) Chrysene-d12	20.98	240	14179	0.40	ng	0.00
34) Perylene-d12	23.22	264	11488	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1075	0.19	ng	0.00
5) Phenol-d6	6.59	99	1593	0.19	ng	0.00
8) Nitrobenzene-d5	8.53	82	1481	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	3605	0.18	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	269	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	5205	0.18	ng	0.00
25) Fluoranthene-d10	18.81	212	30029	0.16	ng	0.00
29) Terphenyl-d14	19.43	244	5701	0.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	757	0.185	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	780	0.181	ng	# 85
6) bis(2-Chloroethyl)ether	6.85	93	1906	0.195	ng	93
9) Naphthalene	10.20	128	23216	0.190	ng	99
10) Hexachlorobutadiene	10.50	225	1041	0.205	ng	91
12) 2-Methylnaphthalene	11.81	142	3769	0.184	ng	99
16) Acenaphthylene	13.74	152	5769	0.179	ng	99
17) Acenaphthene	14.08	154	4002	0.184	ng	94
18) Fluorene	15.08	166	4589	0.179	ng	# 80
20) 4-Bromophenyl-phenylether	15.99	248	1648	0.181	ng	# 83
21) Hexachlorobenzene	16.09	284	1965	0.184	ng	# 80
22) Pentachlorophenol	16.44	266	265	0.160	ng	# 84
23) Phenanthrene	16.81	178	9030	0.178	ng	98
24) Anthracene	16.91	178	7012	0.168	ng	96
26) Fluoranthene	18.84	202	8755	0.163	ng	99
28) Pyrene	19.20	202	8556	0.184	ng	98
30) Benzo(a)anthracene	20.97	228	5845	0.170	ng	96
31) Chrysene	21.01	228	8054	0.186	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	6022	0.233	ng	98
33) Indeno(1,2,3-cd)pyrene	25.51	276	5419	0.167	ng	96
35) Benzo(b)fluoranthene	22.54	252	5922	0.188	ng	# 91
36) Benzo(k)fluoranthene	22.59	252	6362	0.169	ng	# 91
37) Benzo(a)pyrene	23.11	252	4718	0.172	ng	95
38) Dibenzo(a,h)anthracene	25.54	278	4496	0.171	ng	97
39) Benzo(g,h,i)perylene	26.21	276	5330	0.183	ng	# 94

(#) = 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: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

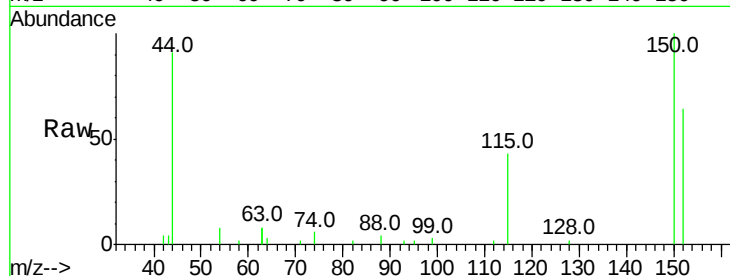
Tot Ion:152 Resp: 2525

Ion Ratio Lower Upper

152 100

150 157.3 117.2 175.8

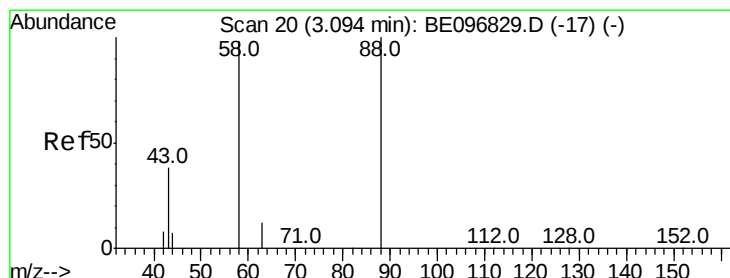
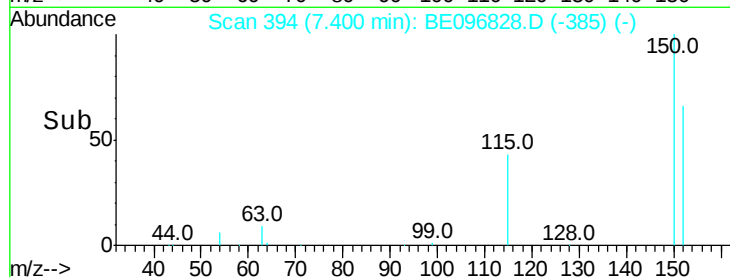
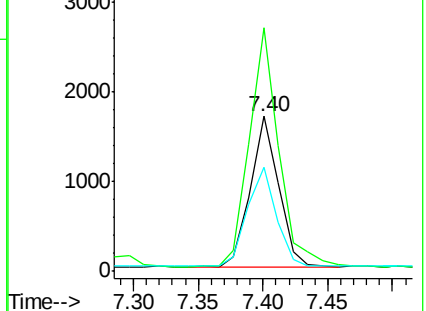
115 67.3 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.185 ng

RT: 3.10 min Scan# 21

Delta R.T. 0.01 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

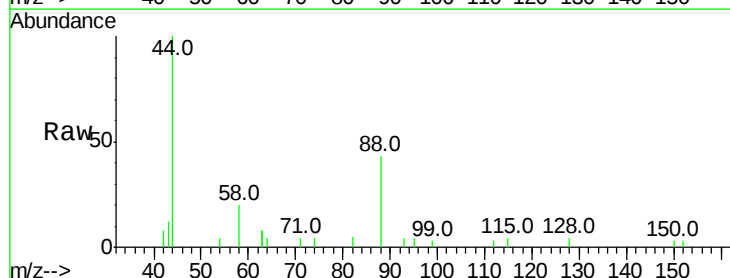
Tgt Ion: 88 Resp: 757

Ion Ratio Lower Upper

88 100

58 86.7 63.2 94.8

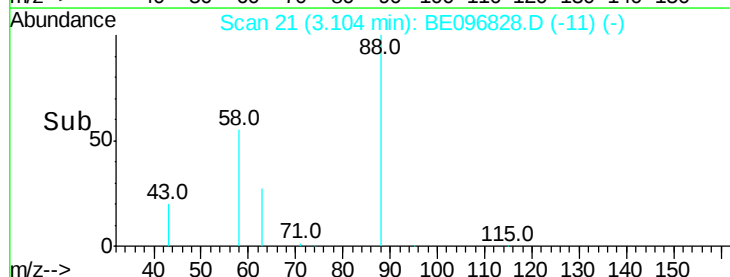
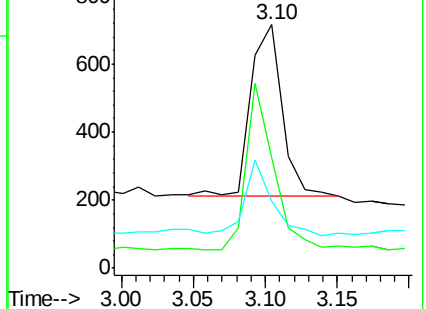
43 39.5 41.2 61.8#



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



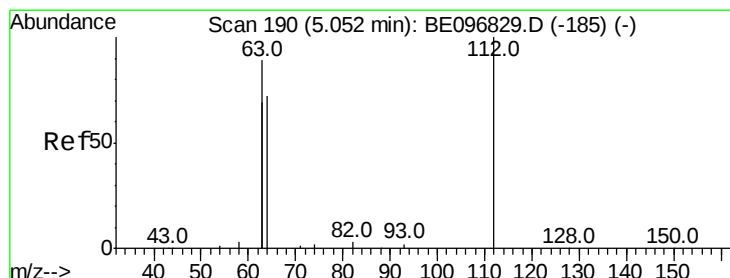
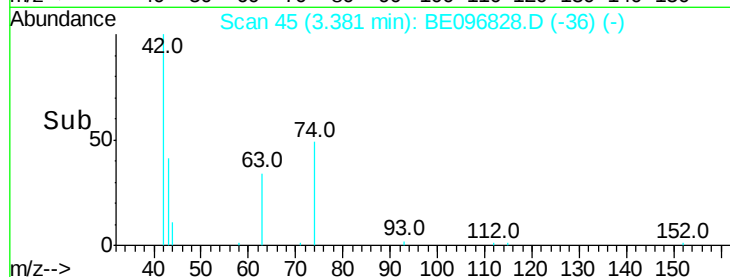
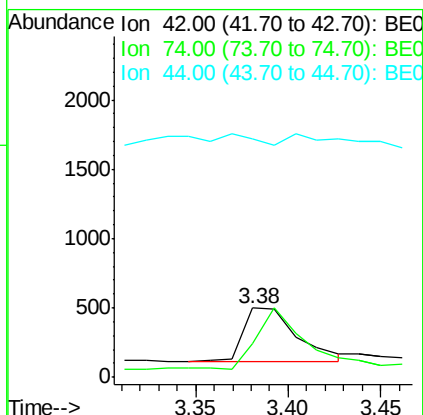
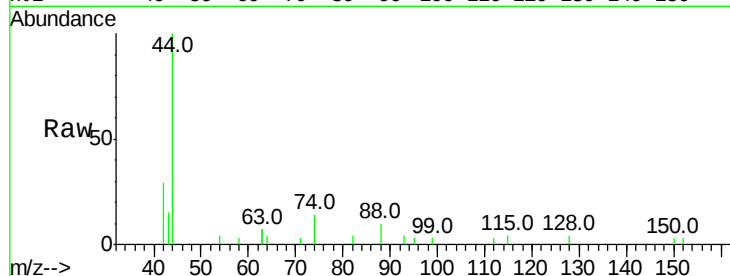


#3

n-Nitrosodimethylamine
 Concen: 0.181 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE096828.D
 Acq: 20 Jun 2018 10:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

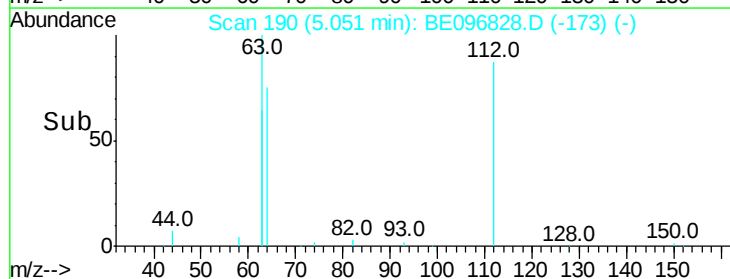
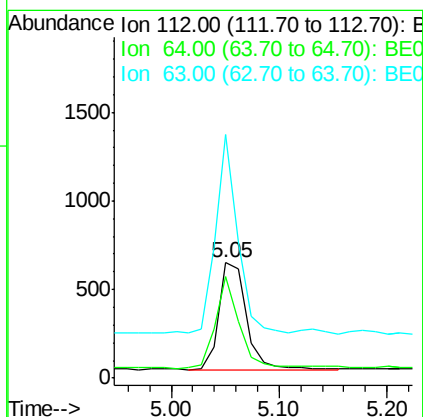
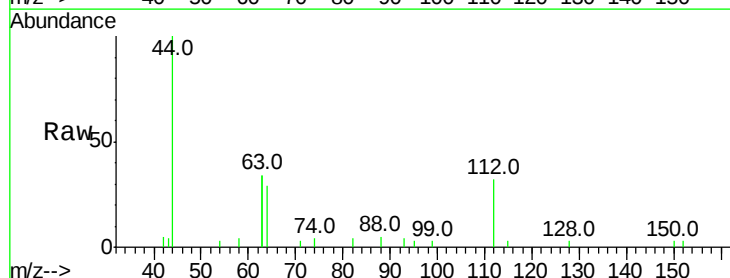
Tot Ion: 42 Resp: 780
 Ion Ratio Lower Upper
 42 100
 74 106.0 96.0 144.0
 44 0.0 12.0 18.0#

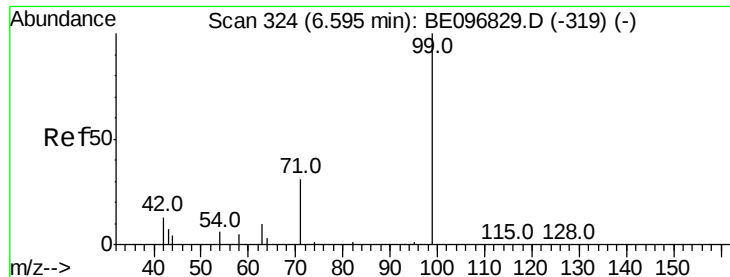


#4

2-Fluorophenol
 Concen: 0.195 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE096828.D
 Acq: 20 Jun 2018 10:23

Tgt Ion: 112 Resp: 1075
 Ion Ratio Lower Upper
 112 100
 64 76.1 60.1 90.1
 63 148.5 116.8 175.2





#5

Phenol-d6

Concen: 0.193 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

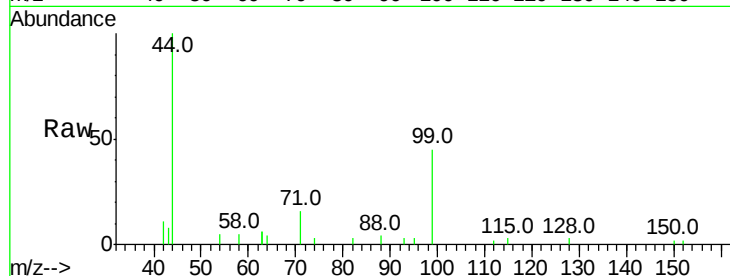
Tot Ion: 99 Resp: 1593

Ion Ratio Lower Upper

99 100

42 25.4 20.2 30.2

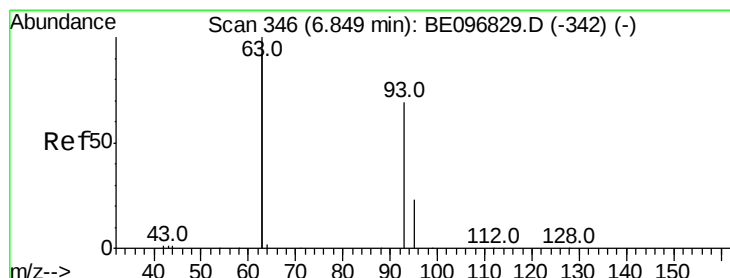
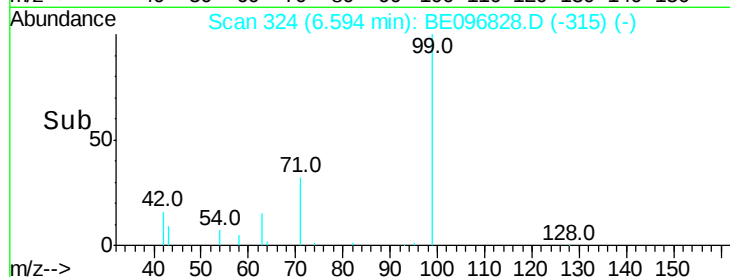
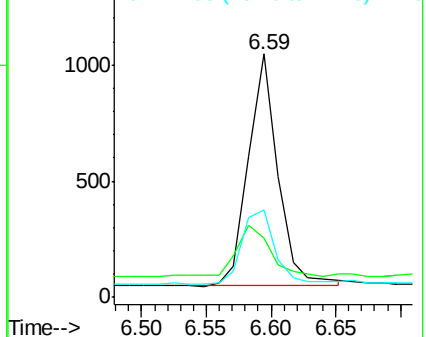
71 36.3 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.195 ng

RT: 6.85 min Scan# 346

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

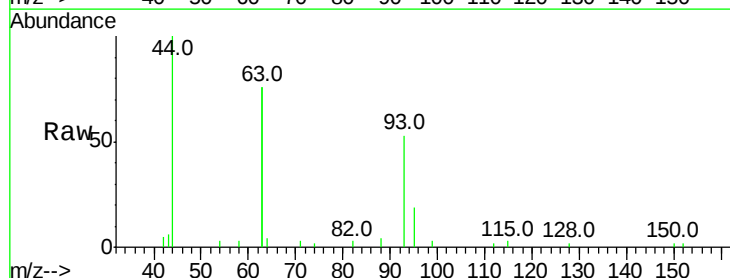
Tgt Ion: 93 Resp: 1906

Ion Ratio Lower Upper

93 100

63 327.3 275.3 412.9

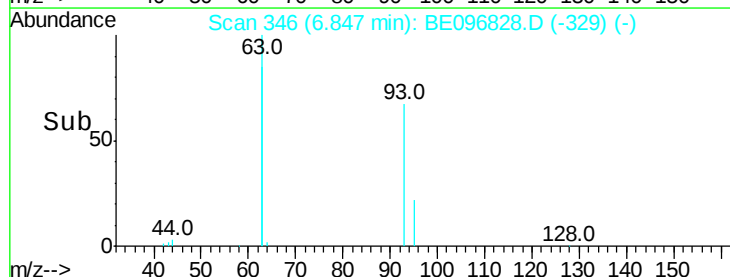
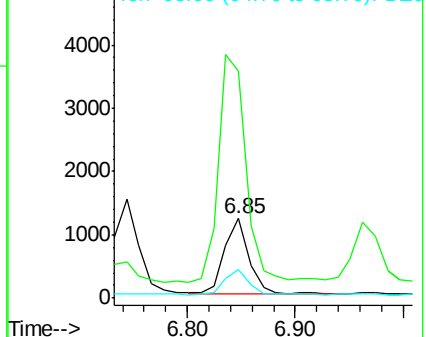
95 32.2 25.2 37.8

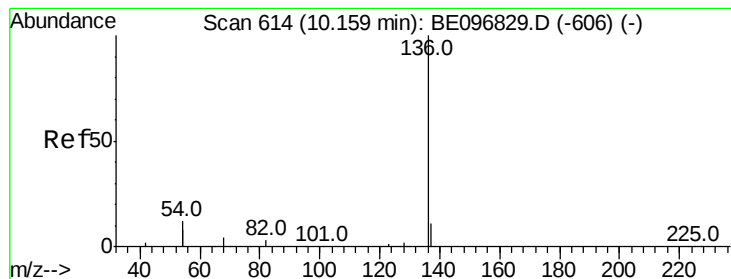


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 12419

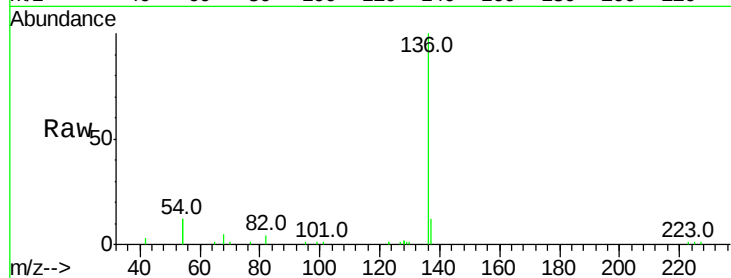
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 23.9 29.1 43.7#

68 5.0 6.2 9.2#

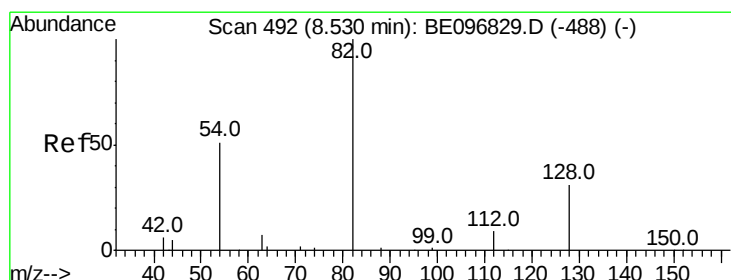
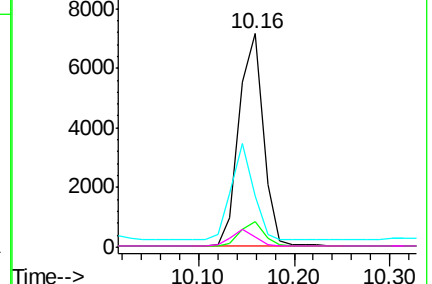
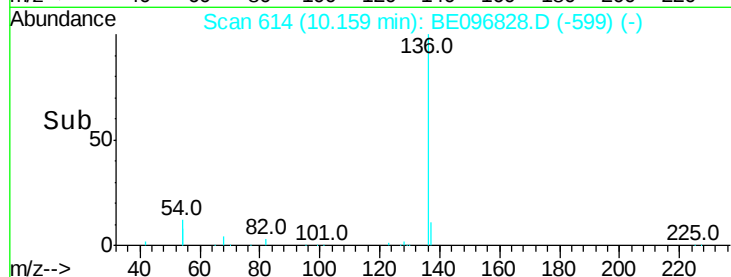


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.214 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

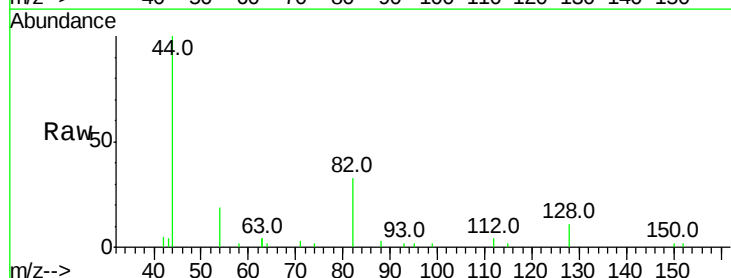
Tgt Ion: 82 Resp: 1481

Ion Ratio Lower Upper

82 100

128 33.3 24.0 36.0

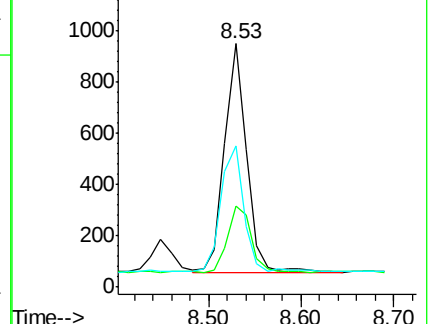
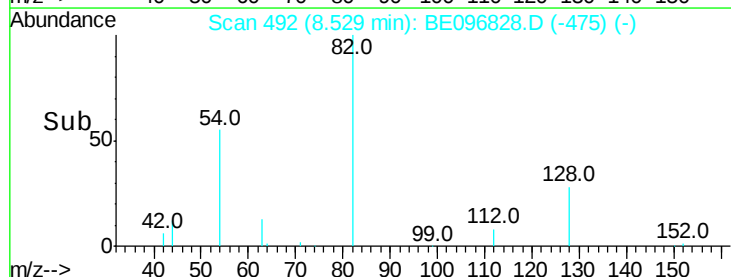
54 57.9 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.190 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

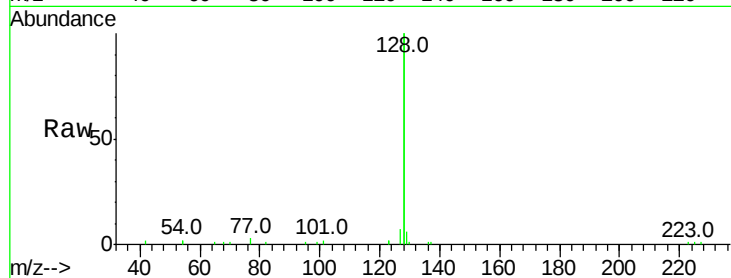
Tot Ion:128 Resp: 23216

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

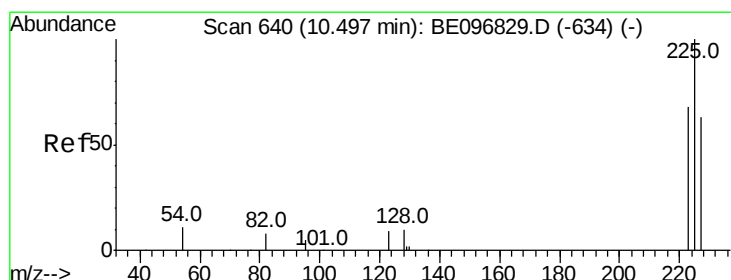
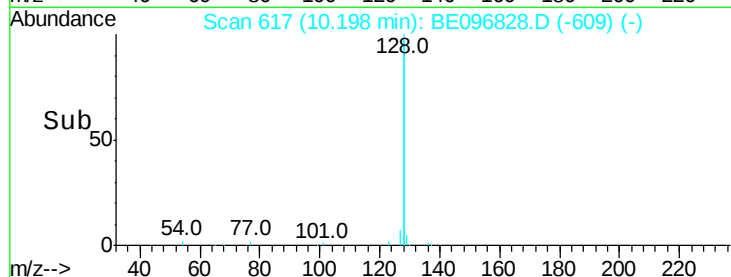
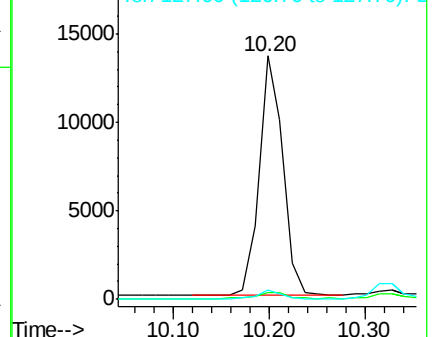
127 3.7 2.8 4.2



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: 0.205 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

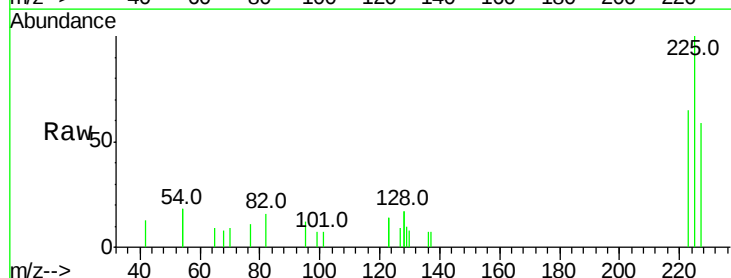
Tgt Ion:225 Resp: 1041

Ion Ratio Lower Upper

225 100

223 58.8 53.0 79.6

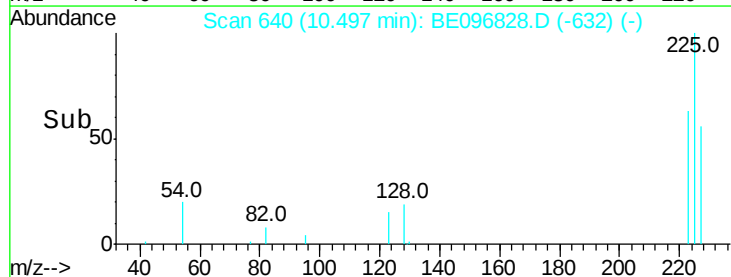
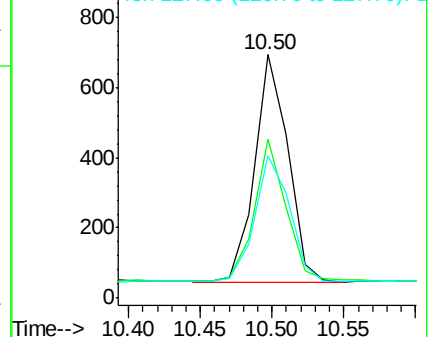
227 57.3 51.4 77.2

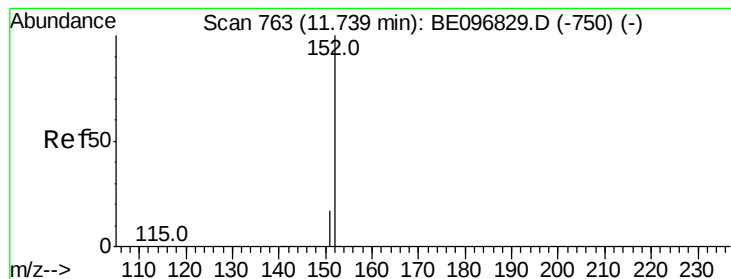


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.182 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

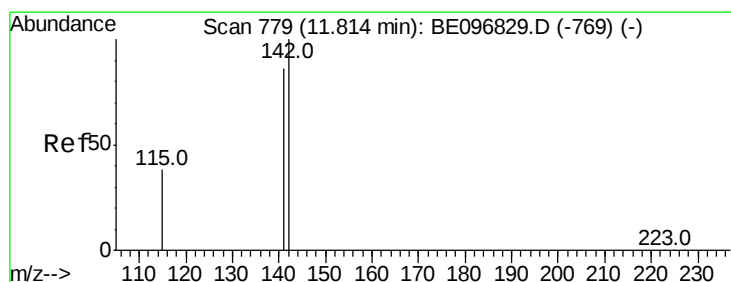
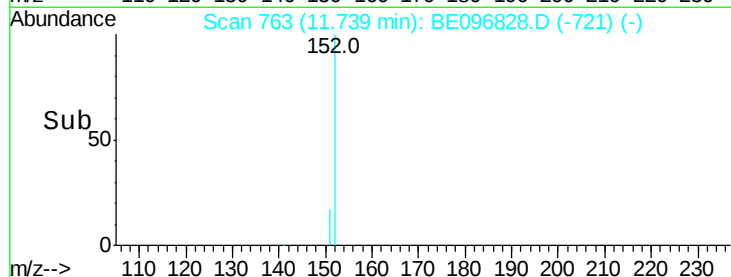
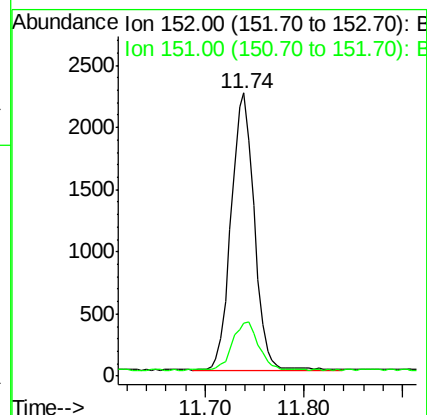
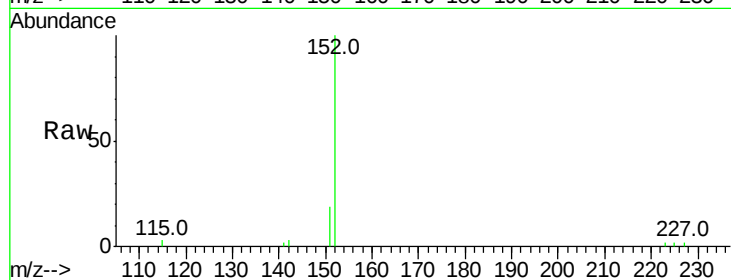
SSTDIC0.2

Tot Ion:152 Resp: 3605

Ion Ratio Lower Upper

152 100

151 19.5 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.184 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

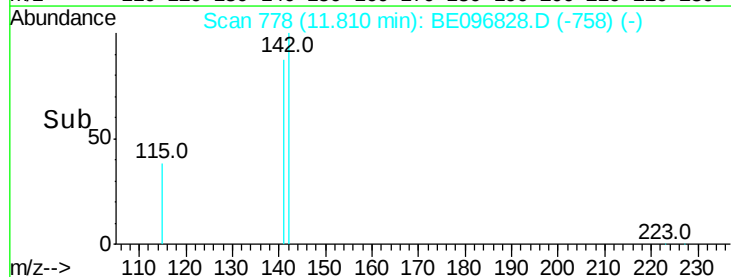
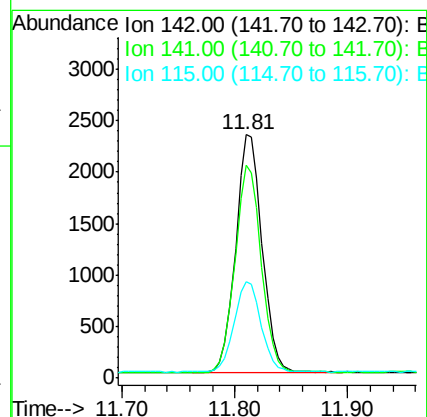
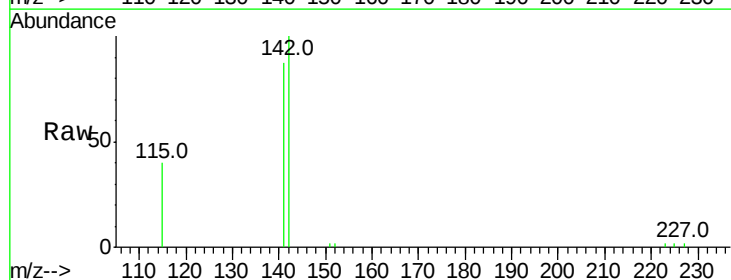
Tgt Ion:142 Resp: 3769

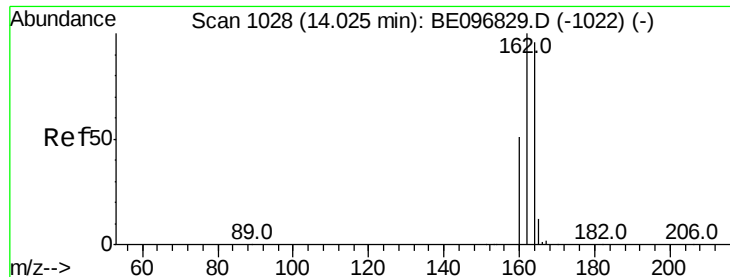
Ion Ratio Lower Upper

142 100

141 87.2 70.4 105.6

115 39.8 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: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

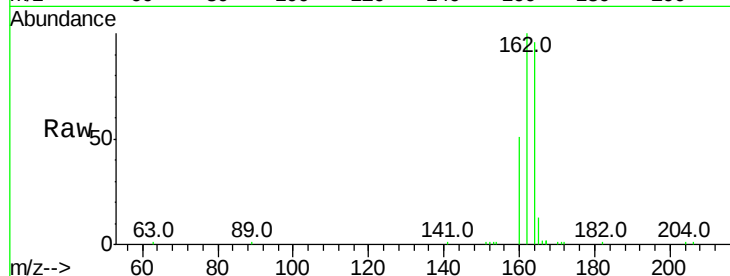
Tot Ion:164 Resp: 6844

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

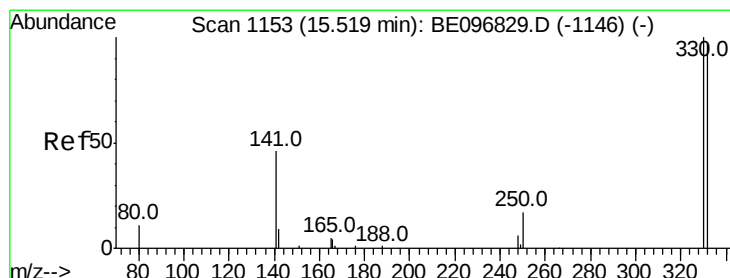
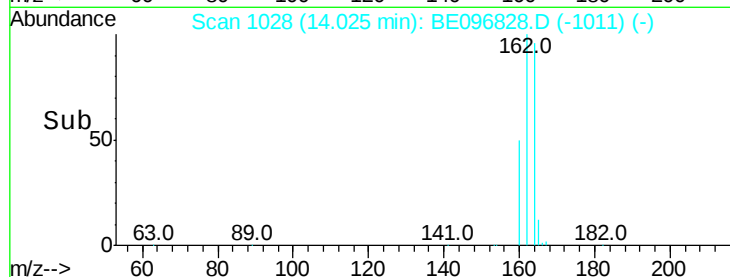
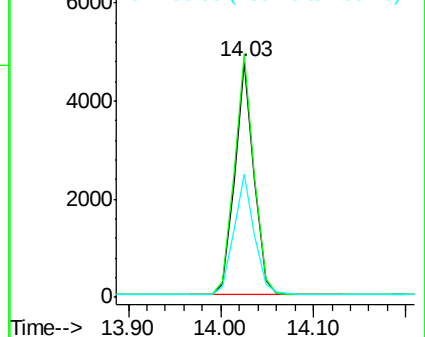
160 52.5 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.190 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

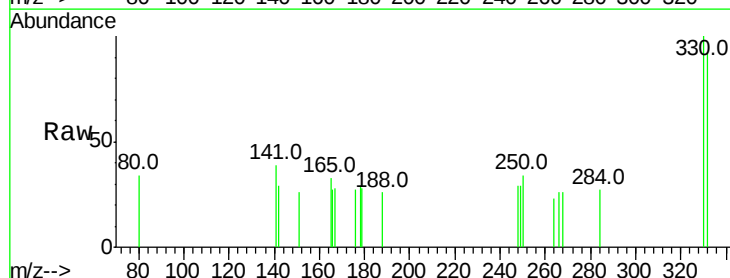
Tgt Ion:330 Resp: 269

Ion Ratio Lower Upper

330 100

332 92.9 152.7 229.1#

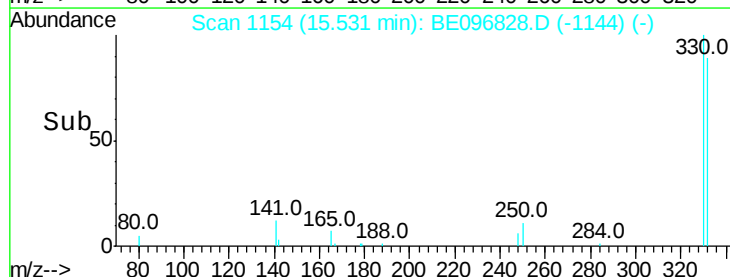
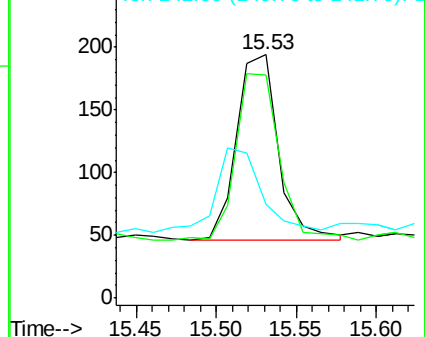
141 0.0 33.7 50.5#

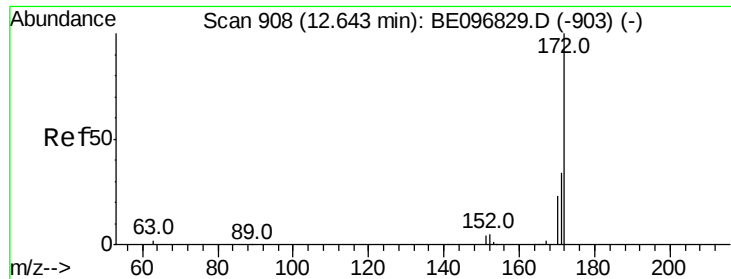


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

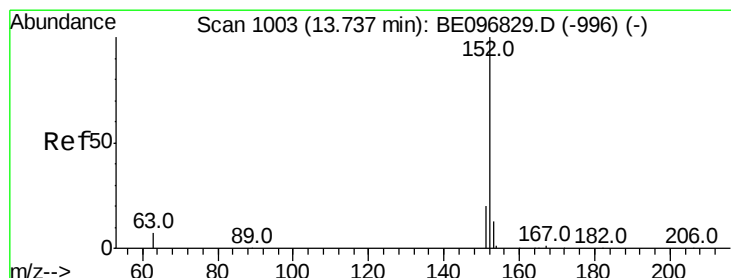
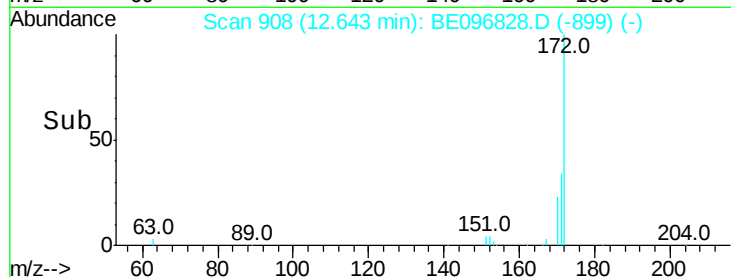
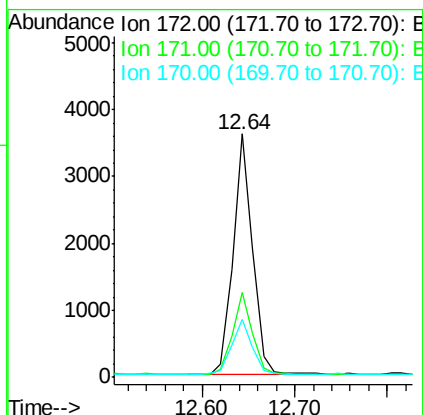
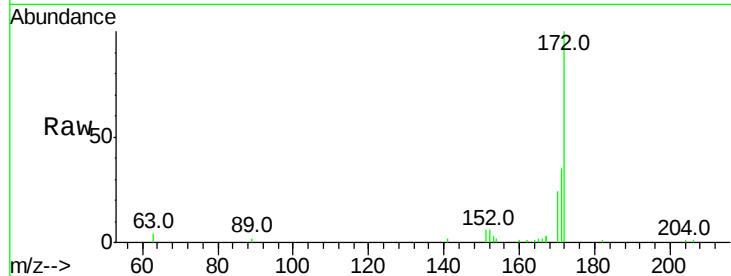




#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

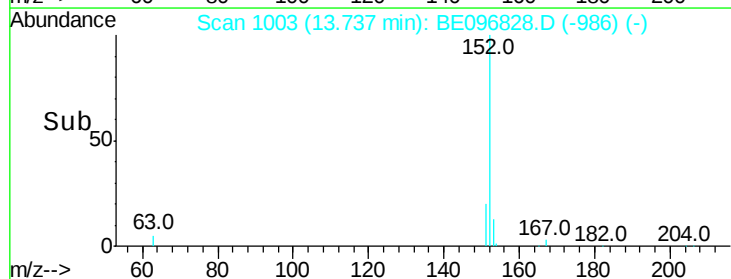
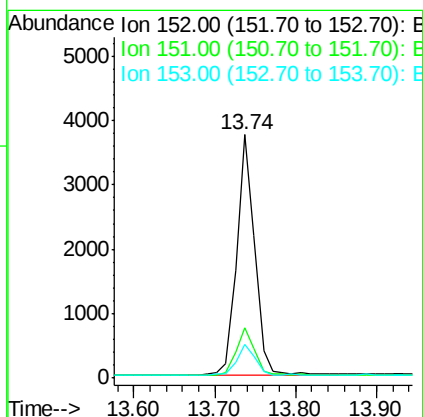
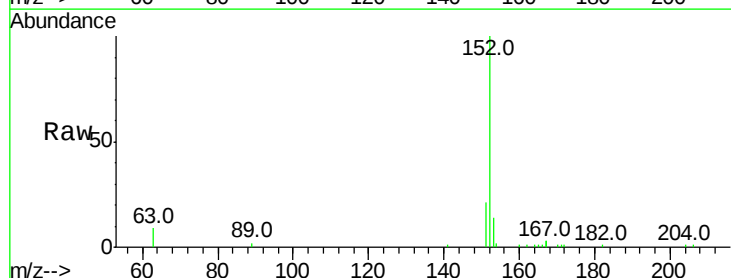
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

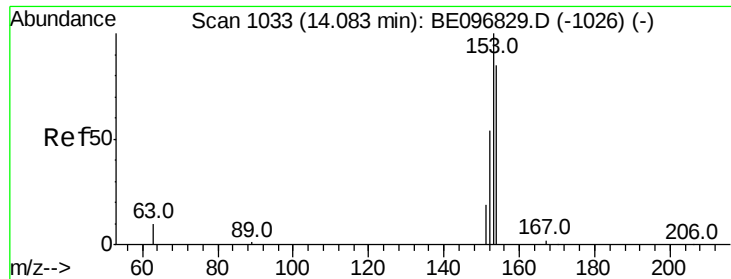
Tot Ion:172 Resp: 5205
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.179 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096828.D
Acq: 20 Jun 2018 10:23

Tgt Ion:152 Resp: 5769
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 0.184 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

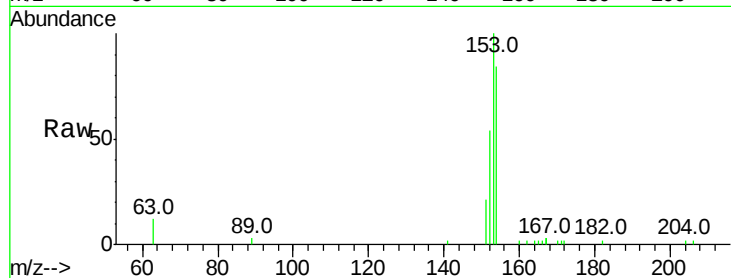
Tot Ion:154 Resp: 4002

Ion Ratio Lower Upper

154 100

153 113.5 89.2 133.8

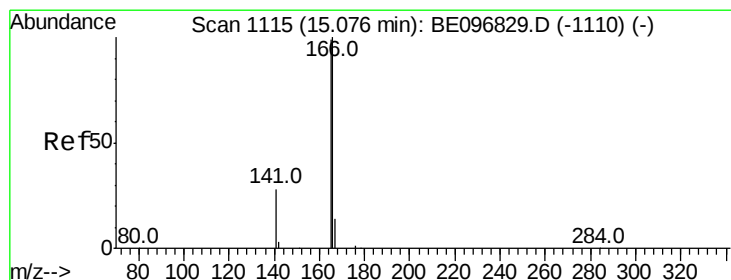
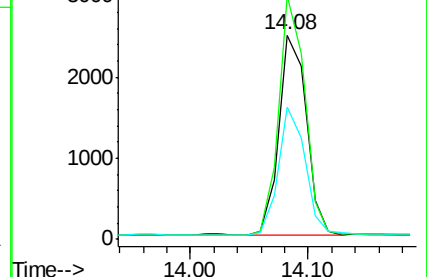
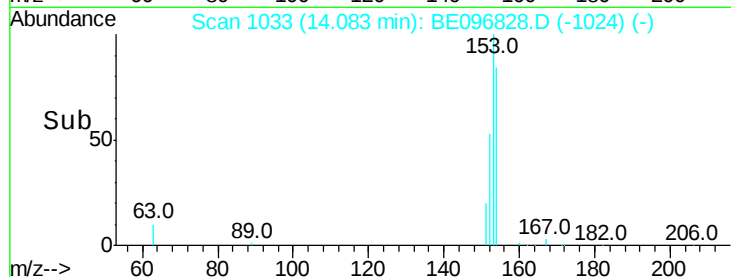
152 62.1 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.179 ng

RT: 15.08 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

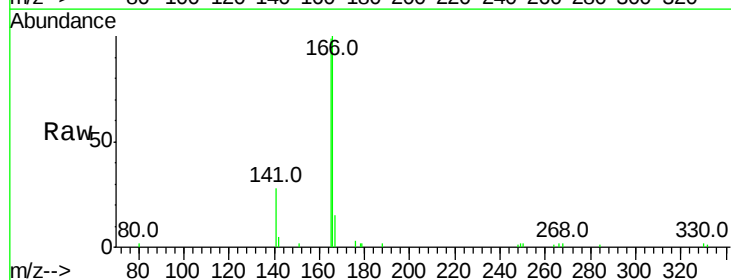
Tgt Ion:166 Resp: 4589

Ion Ratio Lower Upper

166 100

165 96.6 77.8 116.6

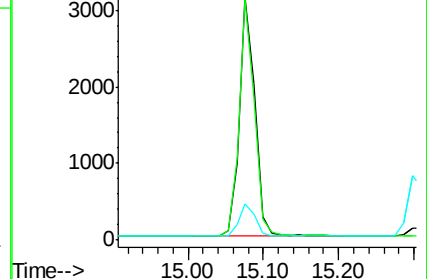
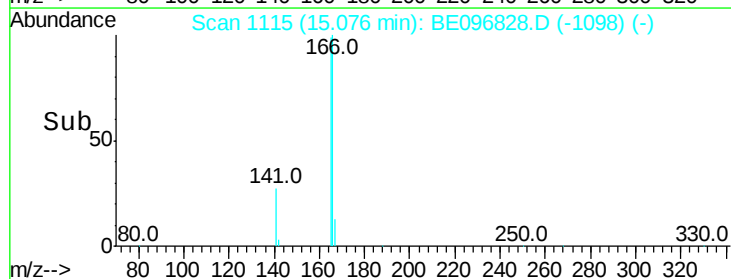
167 14.3 42.4 63.6#

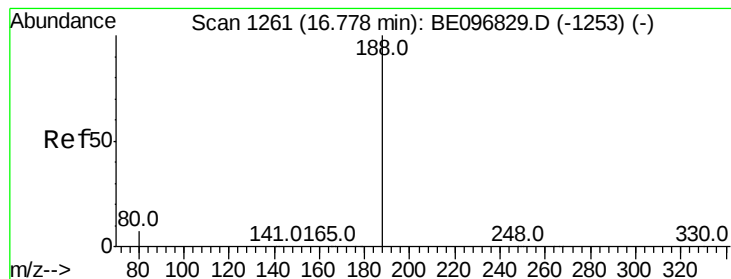


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

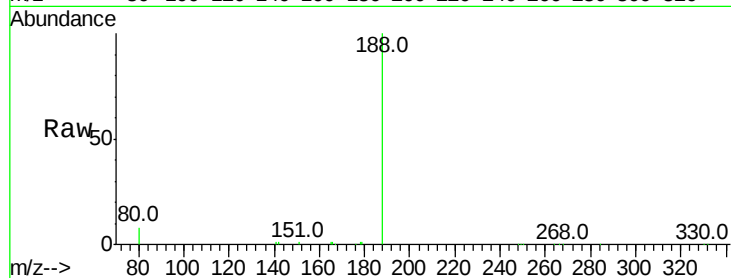
Tot Ion:188 Resp: 18664

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

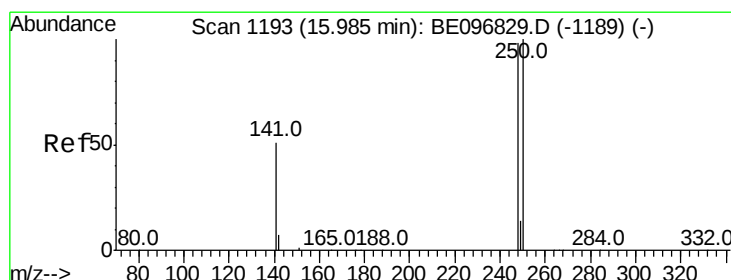
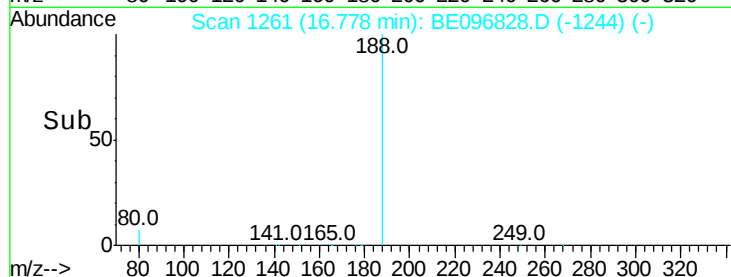
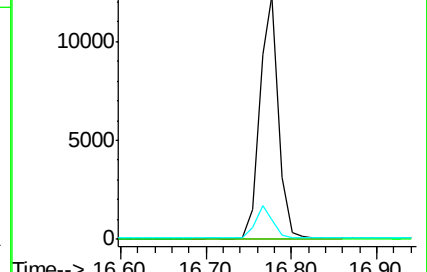
80 7.9 3.6 5.4#



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: 0.181 ng

RT: 15.99 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

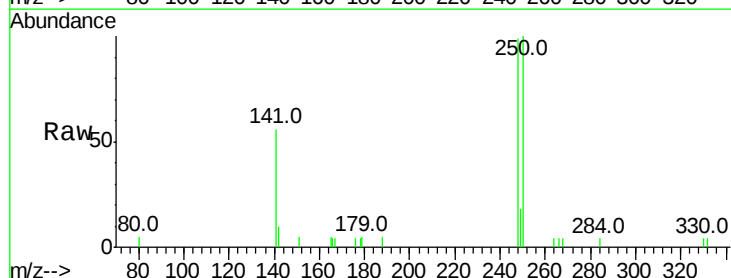
Tgt Ion:248 Resp: 1648

Ion Ratio Lower Upper

248 100

250 100.9 62.7 94.1#

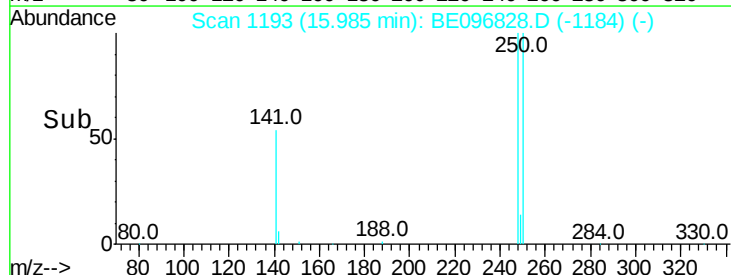
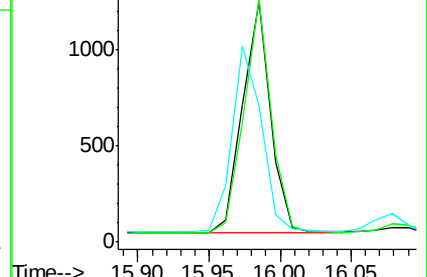
141 56.5 48.2 72.2

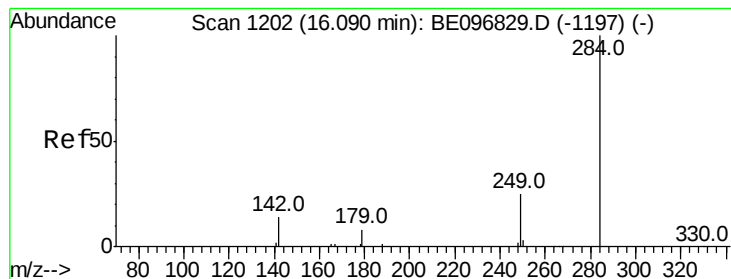


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.184 ng

RT: 16.09 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

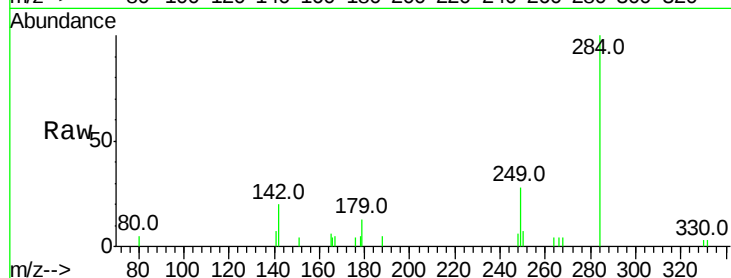
Tot Ion:284 Resp: 1965

Ion Ratio Lower Upper

284 100

142 40.4 22.1 33.1#

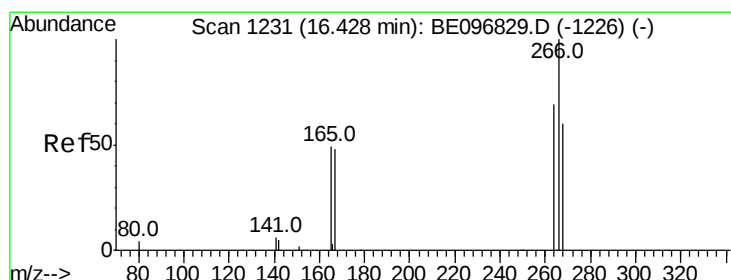
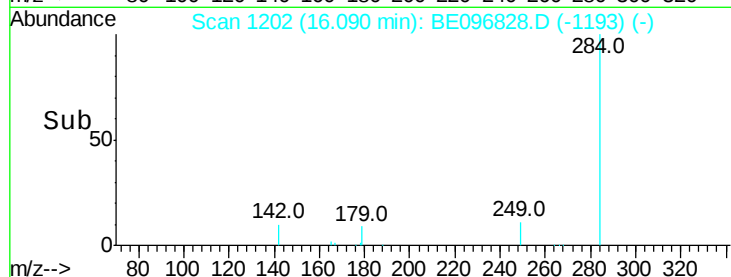
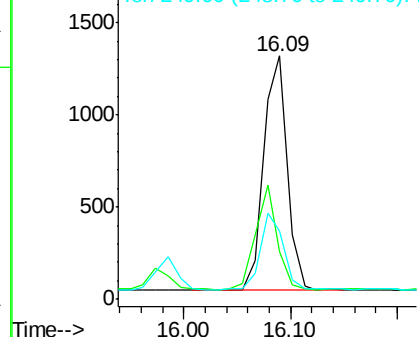
249 32.0 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.160 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

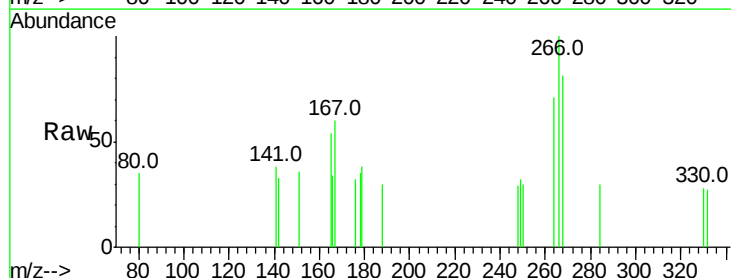
Tgt Ion:266 Resp: 265

Ion Ratio Lower Upper

266 100

264 71.4 72.5 108.7#

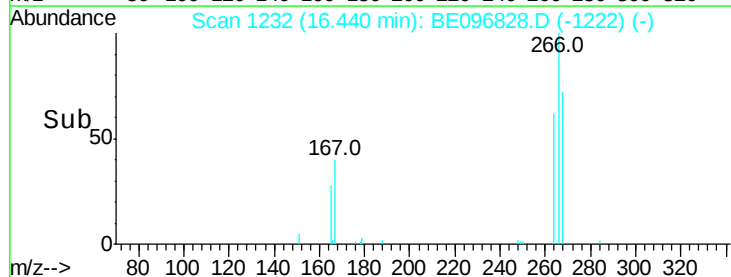
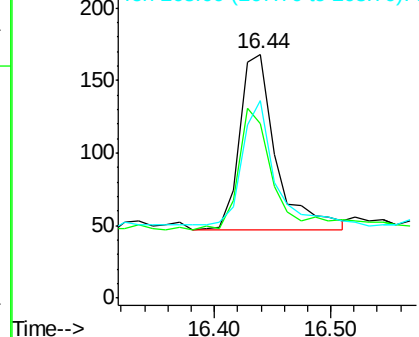
268 81.0 73.8 110.6

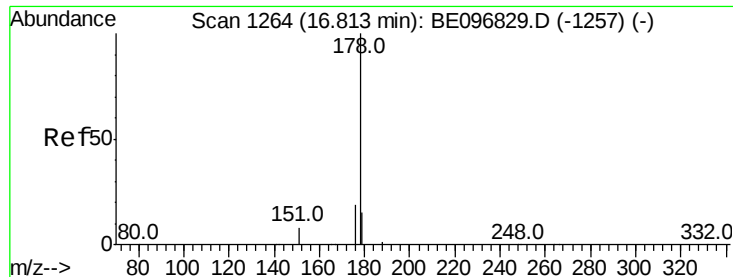


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.178 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

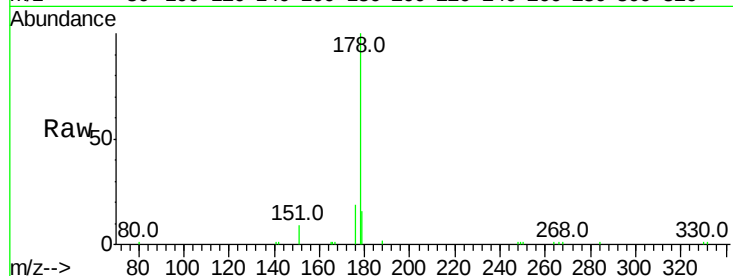
Tot Ion:178 Resp: 9030

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

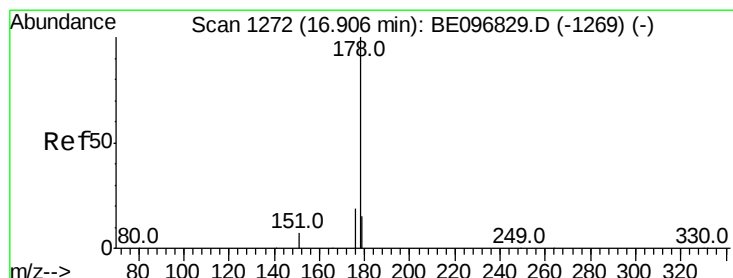
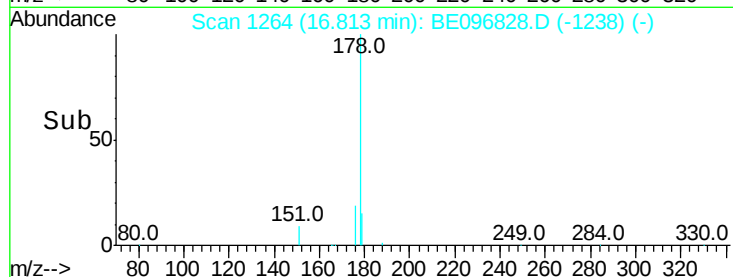
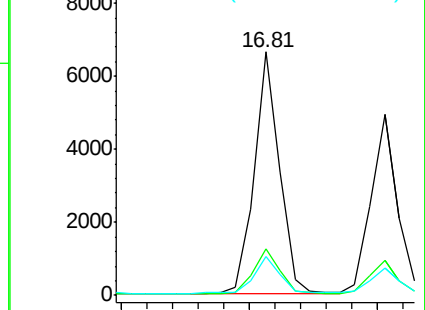
179 15.5 11.8 17.6



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: 0.168 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

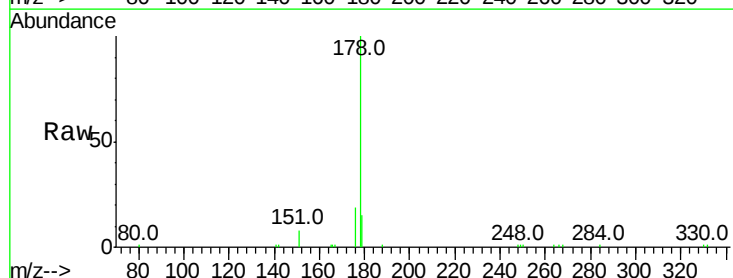
Tgt Ion:178 Resp: 7012

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

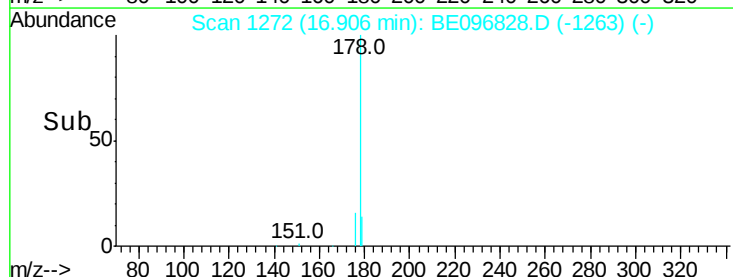
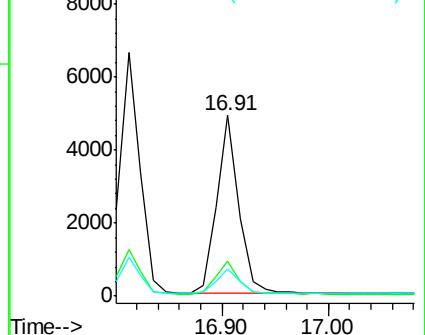
179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.164 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

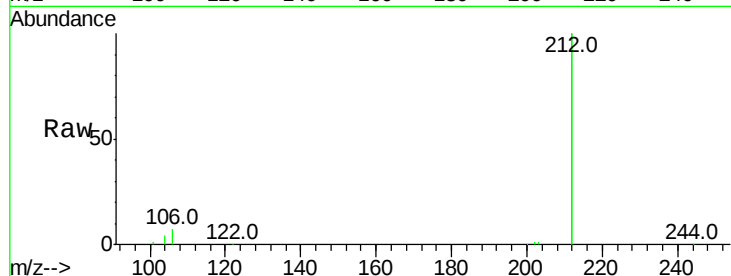
Tot Ion:212 Resp: 30029

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

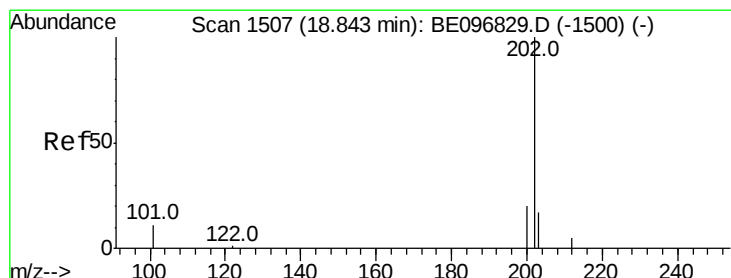
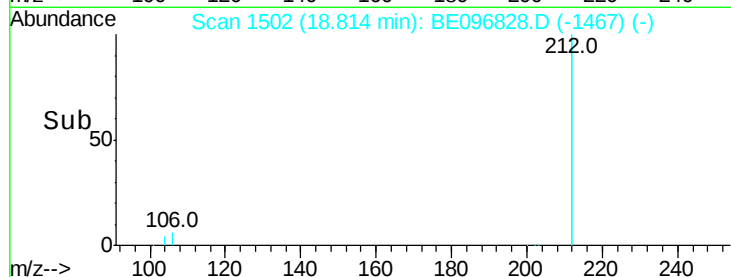
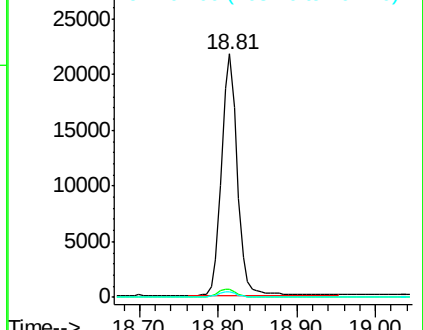
104 2.1 1.6 2.4



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: 0.163 ng

RT: 18.84 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

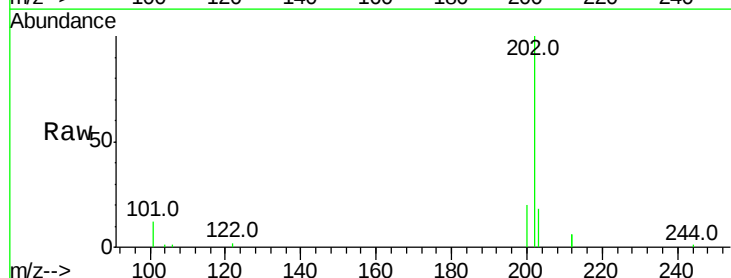
Tgt Ion:202 Resp: 8755

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

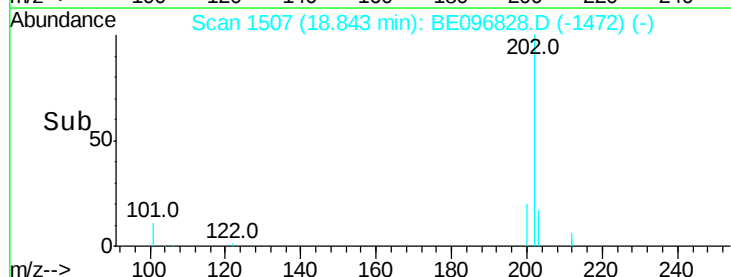
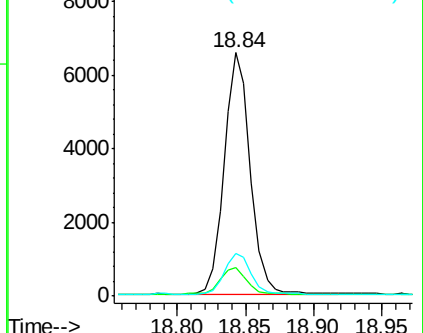
203 17.0 13.7 20.5



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: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

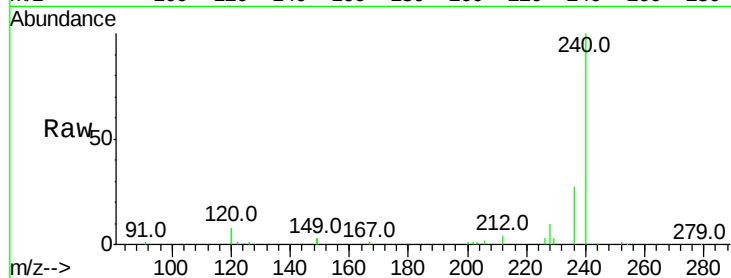
Tot Ion:240 Resp: 14179

Ion Ratio Lower Upper

240 100

120 7.8 5.5 8.3

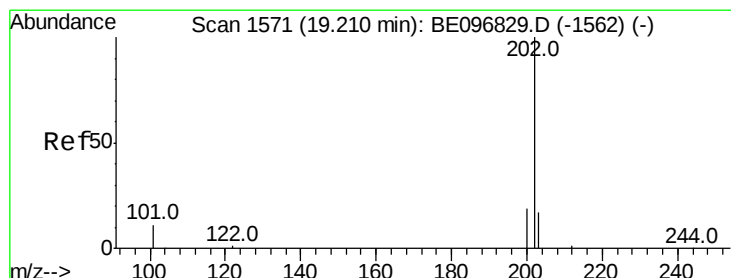
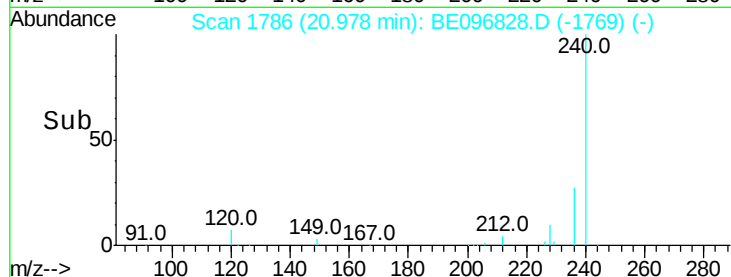
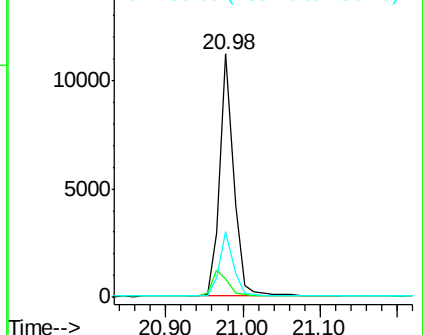
236 27.2 20.7 31.1



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: 0.184 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

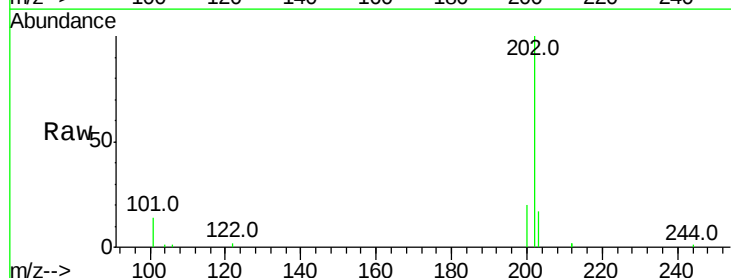
Tgt Ion:202 Resp: 8556

Ion Ratio Lower Upper

202 100

200 19.6 16.6 25.0

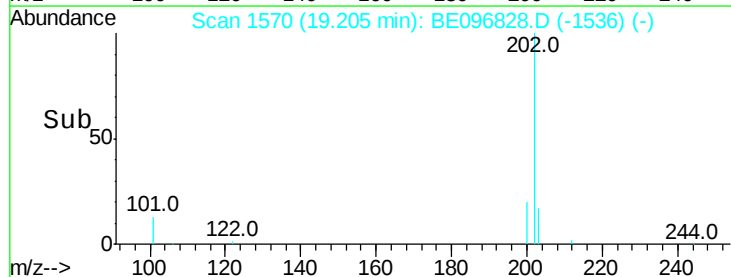
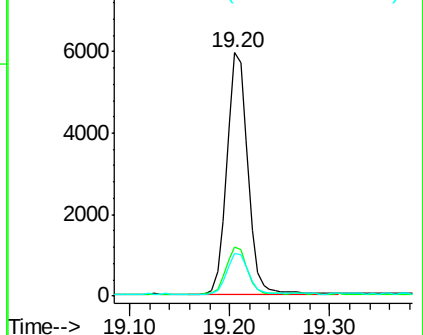
203 17.2 13.8 20.8

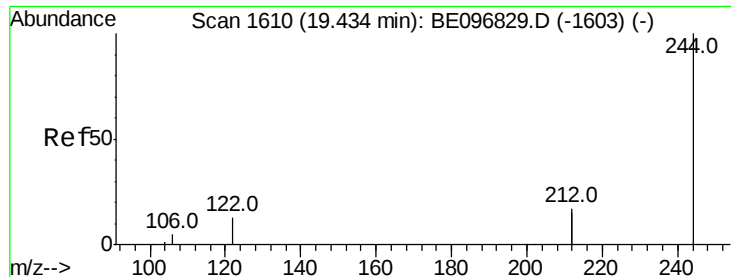


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

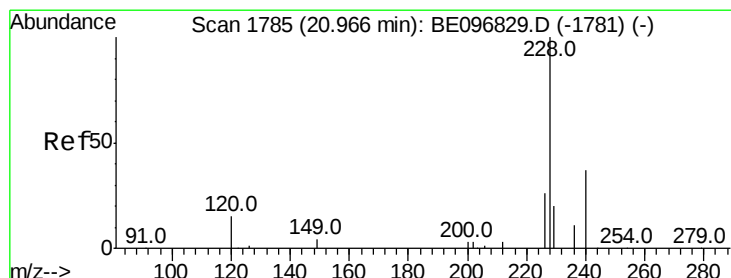
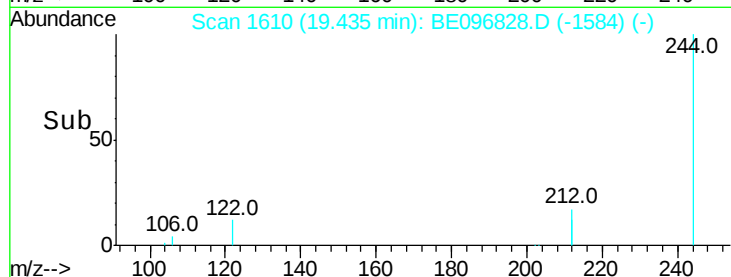
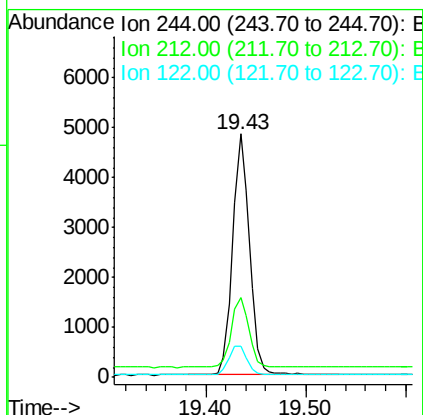
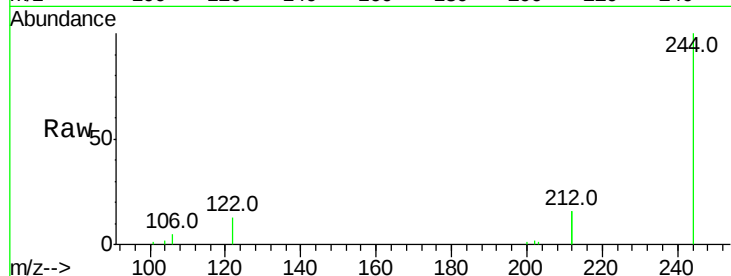




#29
 Terphenyl-d14
 Concen: 0.177 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BE096828.D
 Acq: 20 Jun 2018 10:23

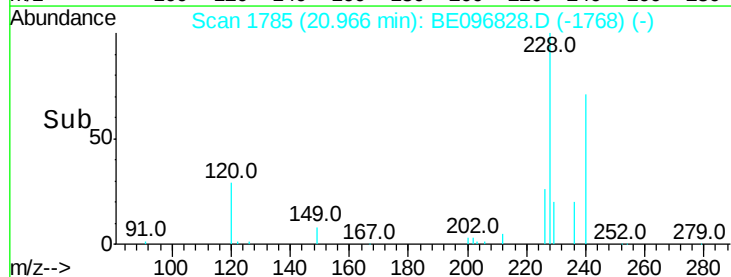
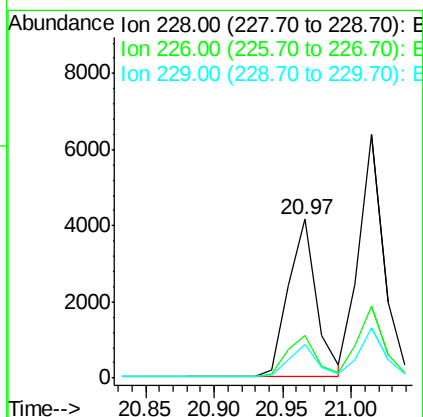
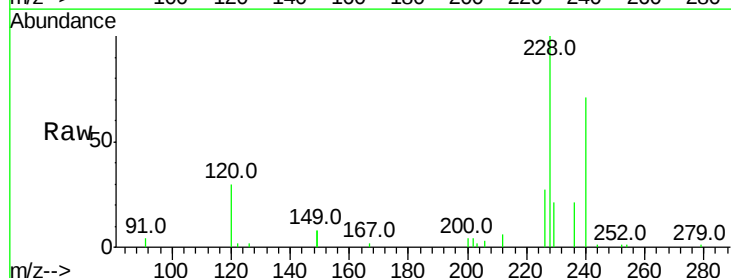
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

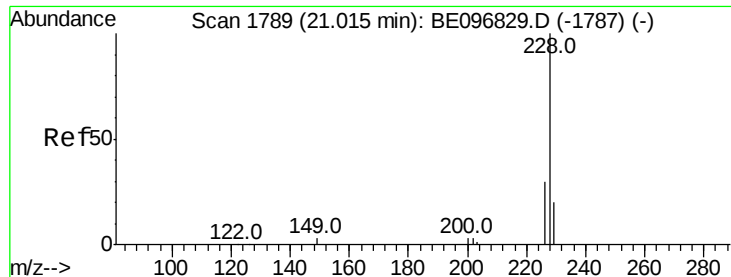
Tot Ion:244 Resp: 5701
 Ion Ratio Lower Upper
 244 100
 212 32.7 25.4 38.0
 122 12.8 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 0.170 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BE096828.D
 Acq: 20 Jun 2018 10:23

Tgt Ion:228 Resp: 5845
 Ion Ratio Lower Upper
 228 100
 226 26.9 24.0 36.0
 229 21.2 16.0 24.0





#31

Chrysene

Concen: 0.186 ng

RT: 21.01 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

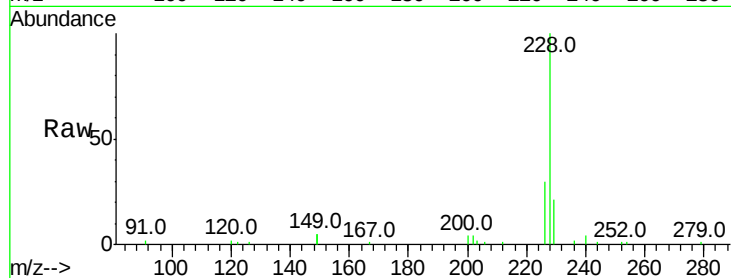
Tot Ion:228 Resp: 8054

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

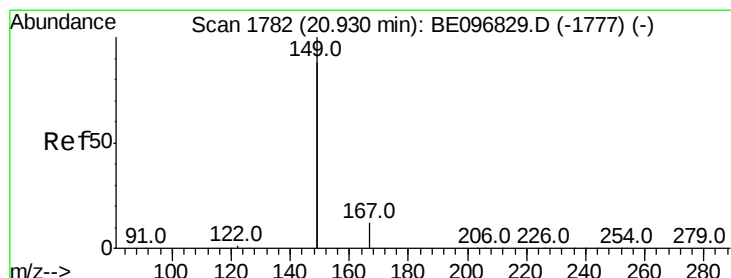
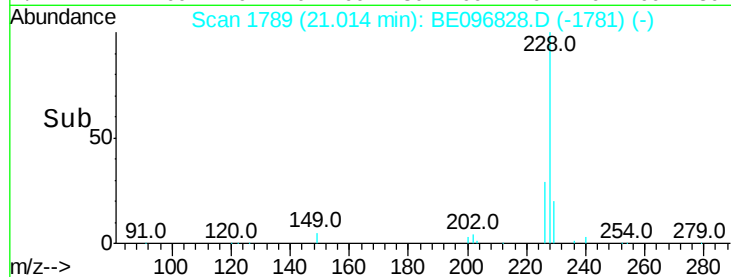
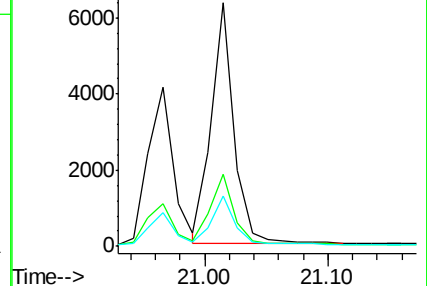
229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.233 ng

RT: 20.93 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

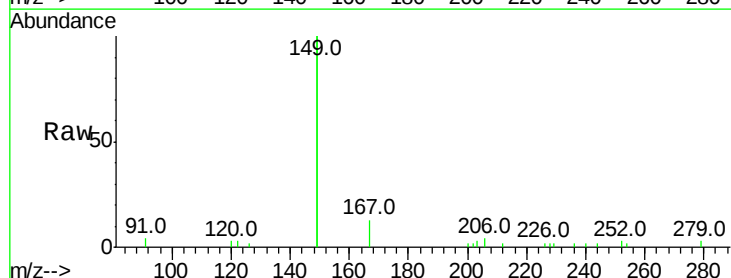
Tgt Ion:149 Resp: 6022

Ion Ratio Lower Upper

149 100

167 6.0 5.4 8.0

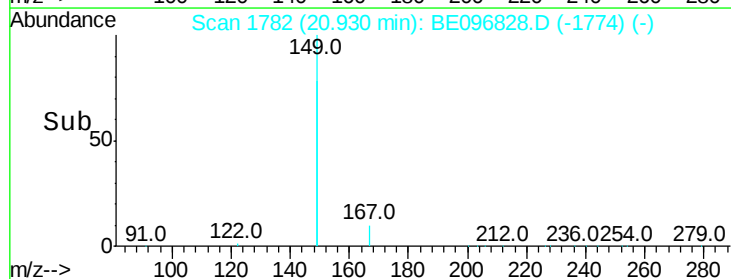
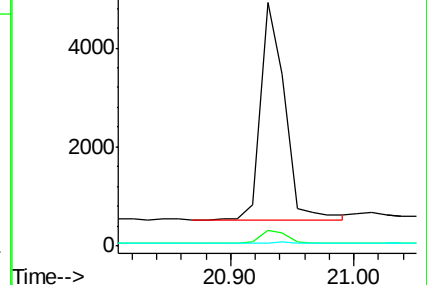
279 0.9 0.7 1.1



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

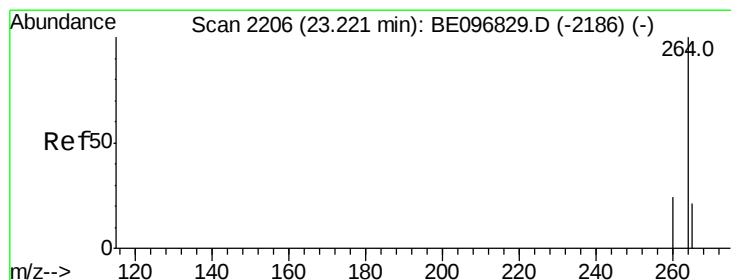
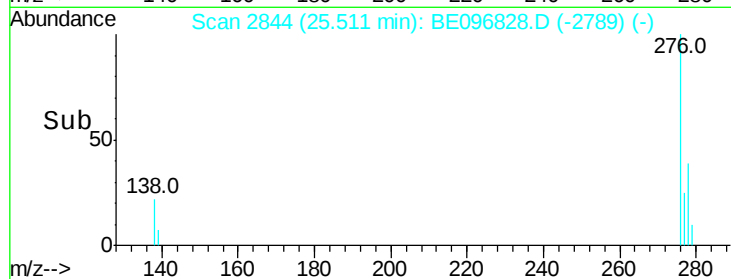
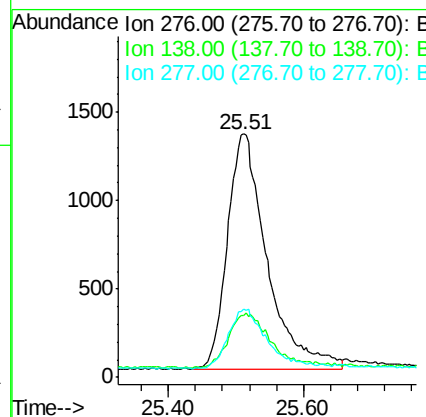
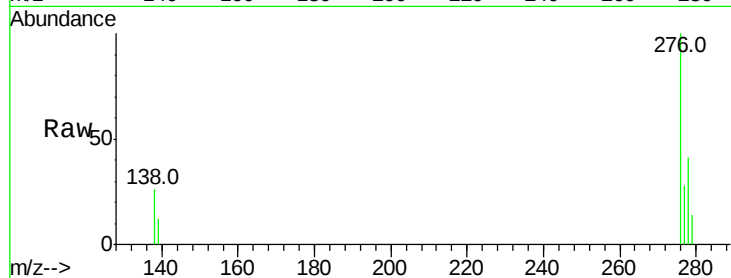




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.167 ng
 RT: 25.51 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BE096828.D
 Acq: 20 Jun 2018 10:23

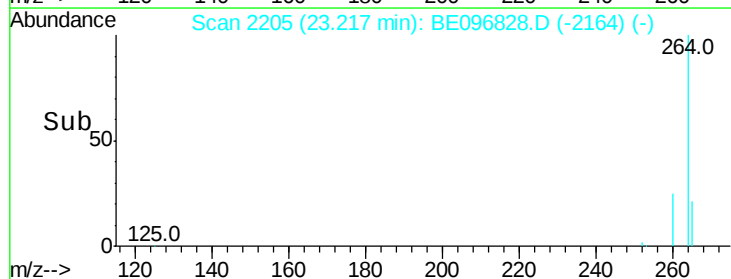
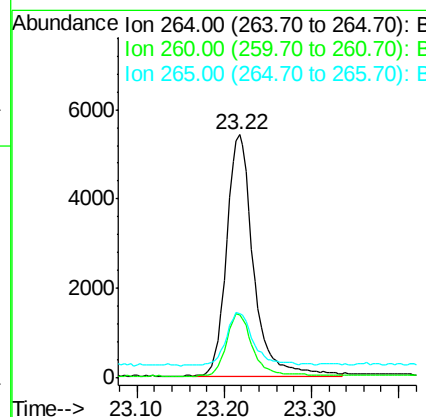
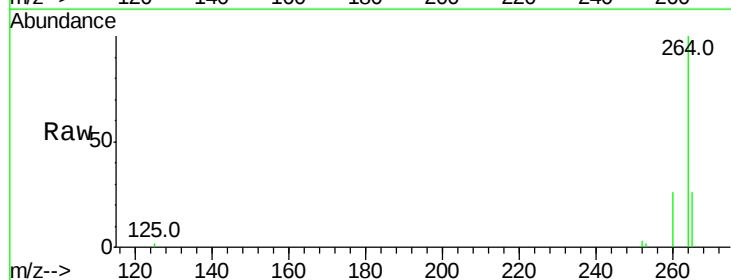
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tot Ion:276 Resp: 5419
 Ion Ratio Lower Upper
 276 100
 138 24.9 22.5 33.7
 277 24.5 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE096828.D
 Acq: 20 Jun 2018 10:23

Tgt Ion:264 Resp: 11488
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 26.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.188 ng

RT: 22.54 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

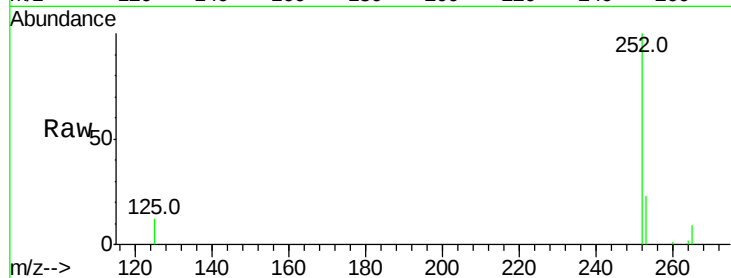
Tot Ion:252 Resp: 5922

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

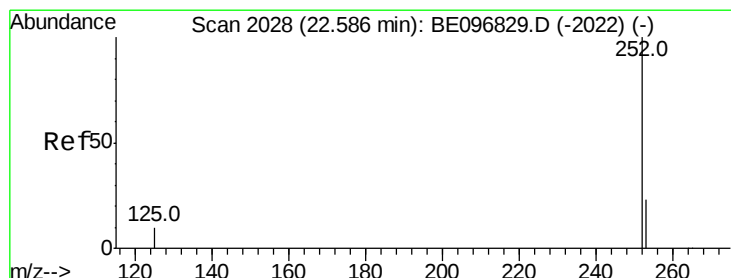
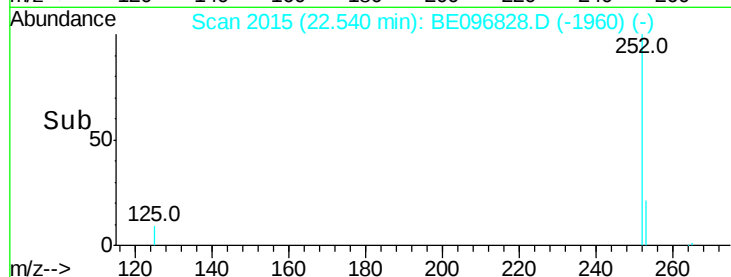
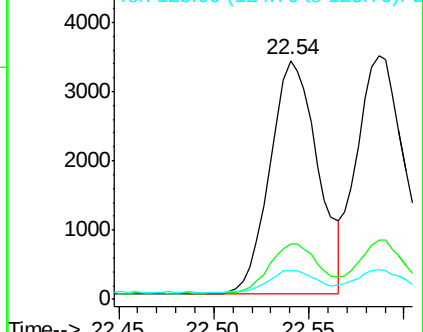
125 12.0 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.169 ng

RT: 22.59 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

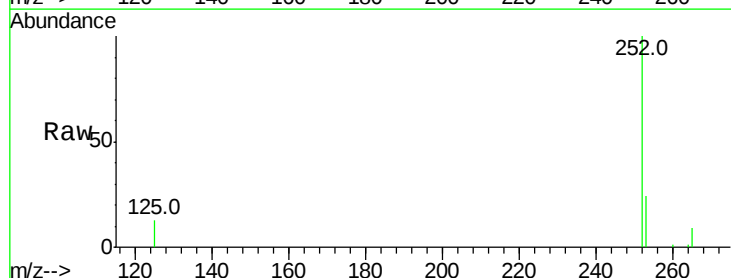
Tgt Ion:252 Resp: 6362

Ion Ratio Lower Upper

252 100

253 24.5 16.0 24.0#

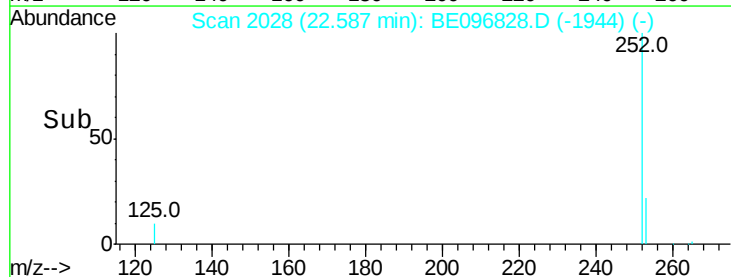
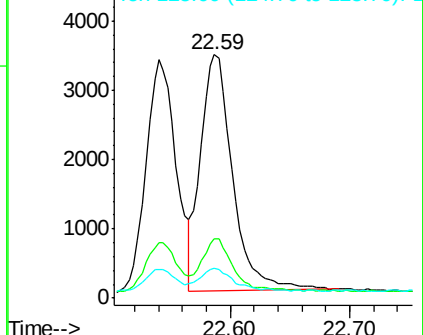
125 12.5 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.172 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

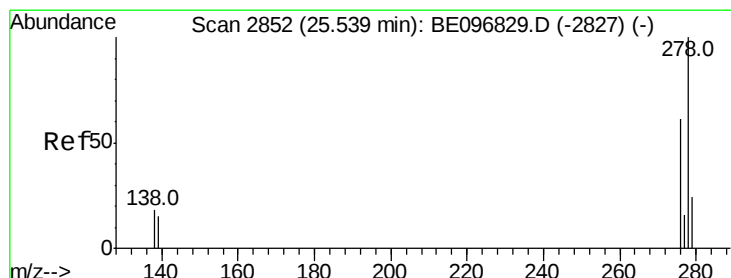
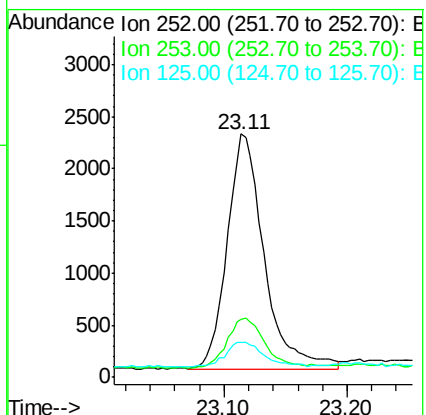
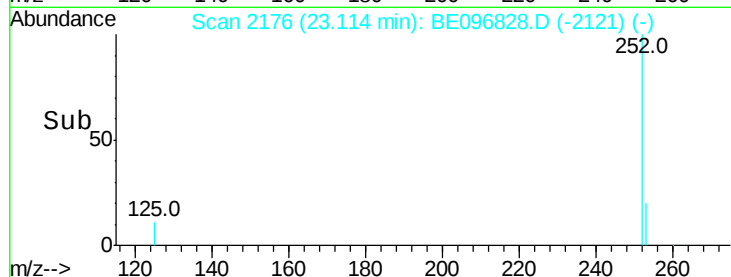
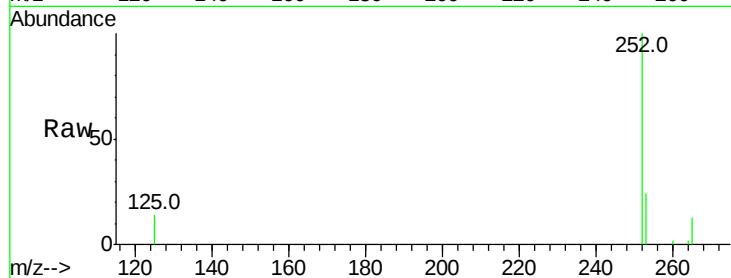
Tot Ion:252 Resp: 4718

Ion Ratio Lower Upper

252 100

253 23.7 16.0 24.0

125 14.5 12.0 18.0



#38

Dibenzo(a,h)anthracene

Concen: 0.171 ng

RT: 25.54 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

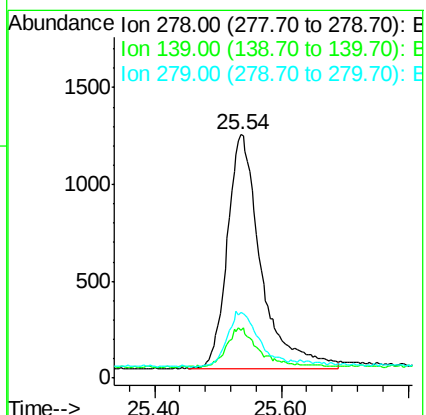
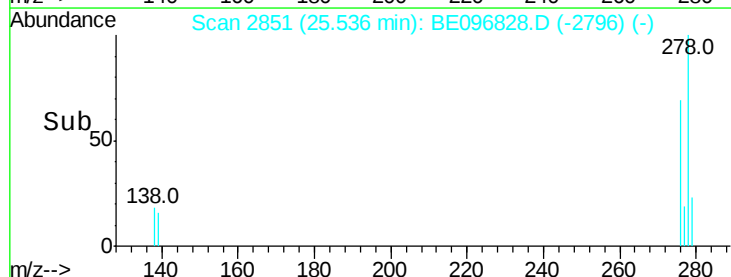
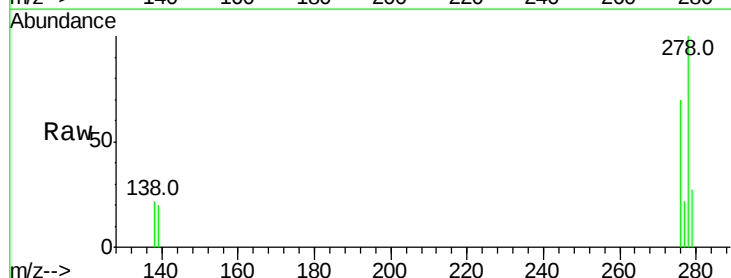
Tgt Ion:278 Resp: 4496

Ion Ratio Lower Upper

278 100

139 19.6 16.0 24.0

279 26.9 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.183 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BE096828.D

Acq: 20 Jun 2018 10:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

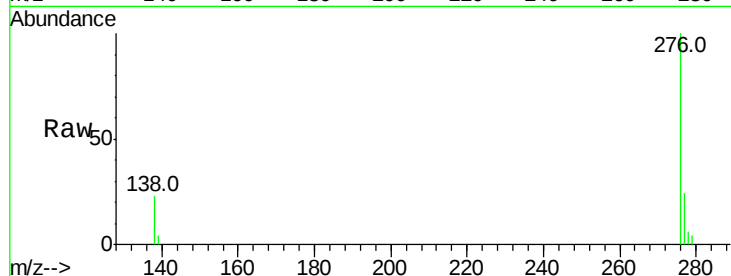
Tot Ion:276 Resp: 5330

Ion Ratio Lower Upper

276 100

277 24.0 16.0 24.0#

138 22.7 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

