

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000182.D
 Acq On : 27 Feb 2018 09:50
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Feb 27 13:54:42 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 13:46:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4736	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	18057	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9124	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	22302	0.40	ng	0.00
27) Chrysene-d12	21.90	240	19841	0.40	ng	0.00
34) Perylene-d12	24.37	264	16687	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	1953	0.20	ng	0.00
5) Phenol-d6	7.58	99	2441	0.19	ng	0.00
8) Nitrobenzene-d5	9.63	82	2060	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	5368	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	554	0.18	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	8659	0.20	ng	0.00
25) Fluoranthene-d10	19.77	212	11349	0.19	ng	0.00
29) Terphenyl-d14	20.33	244	6939	0.20	ng	0.00

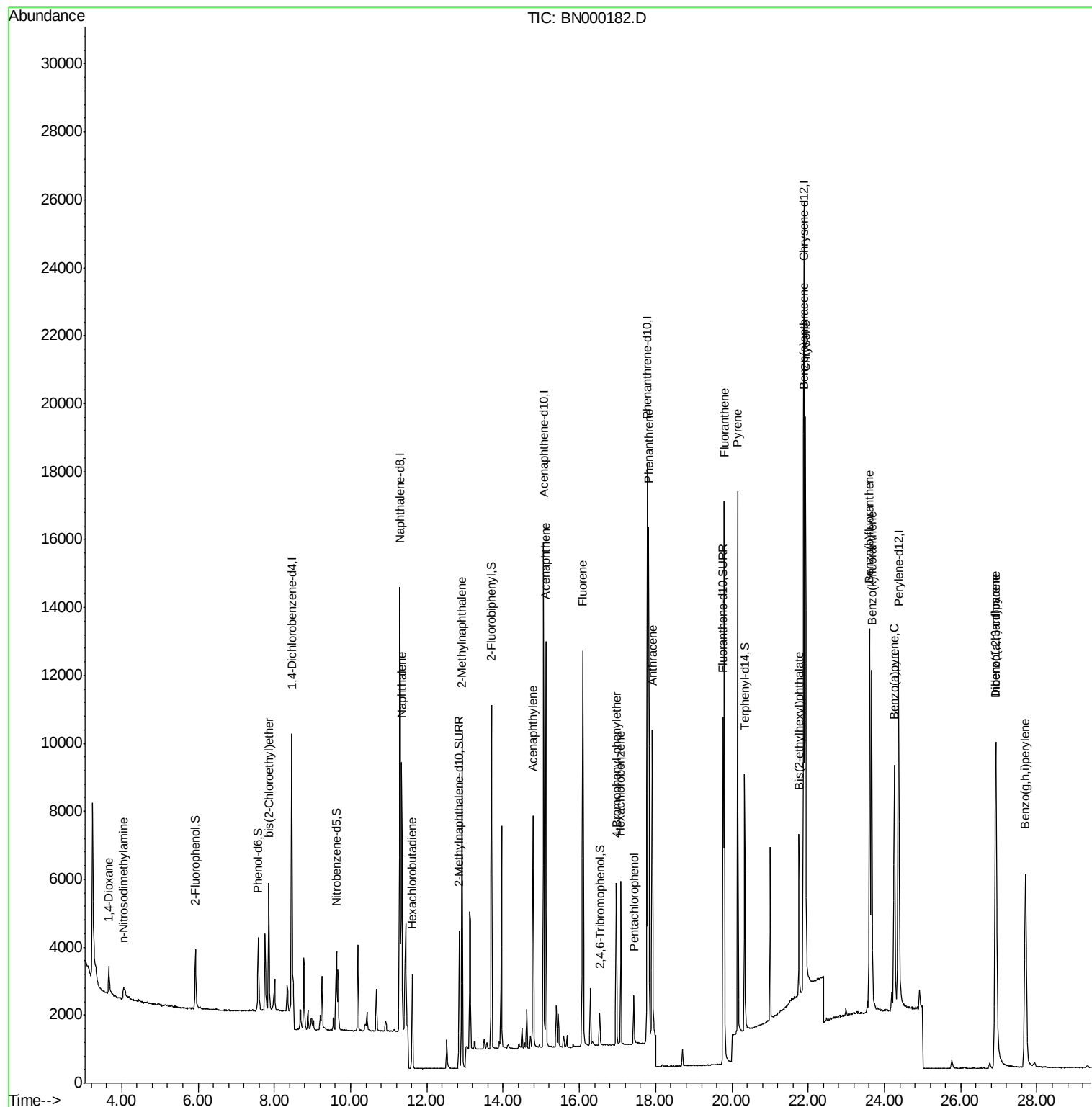
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	954	0.172	ng	95
3) n-Nitrosodimethylamine	4.05	42	448	0.123	ng	# 86
6) bis(2-Chloroethyl)ether	7.85	93	3191	0.198	ng	97
9) Naphthalene	11.34	128	10594	0.201	ng	95
10) Hexachlorobutadiene	11.62	225	1761	0.197	ng	98
12) 2-Methylnaphthalene	12.92	142	6865	0.199	ng	99
16) Acenaphthylene	14.78	152	7848	0.182	ng	99
17) Acenaphthene	15.13	154	6554	0.193	ng	96
18) Fluorene	16.09	166	8298	0.196	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	2380	0.185	ng	# 85
21) Hexachlorobenzene	17.09	284	3242	0.189	ng	96
22) Pentachlorophenol	17.43	266	804	0.175	ng	95
23) Phenanthrene	17.82	178	15192	0.194	ng	98
24) Anthracene	17.91	178	11610	0.189	ng	# 89
26) Fluoranthene	19.80	202	14841	0.182	ng	# 96
28) Pyrene	20.15	202	15589	0.200	ng	99
30) Benzo(a)anthracene	21.87	228	11803	0.189	ng	98
31) Chrysene	21.93	228	14674	0.201	ng	99
32) Bis(2-ethylhexyl)phthalate	21.76	149	4585	0.197	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.91	276	13059	0.192	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	15104	0.198	ng	99
36) Benzo(k)fluoranthene	23.66	252	14114	0.189	ng	# 83
37) Benzo(a)pyrene	24.26	252	11563	0.186	ng	# 82
38) Dibenzo(a,h)anthracene	26.93	278	9866	0.179	ng	# 87
39) Benzo(g,h,i)perylene	27.69	276	12702	0.195	ng	# 85

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
Data File : BN000182.D
Acq On : 27 Feb 2018 09:50
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Feb 27 13:54:42 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 13:46:32 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

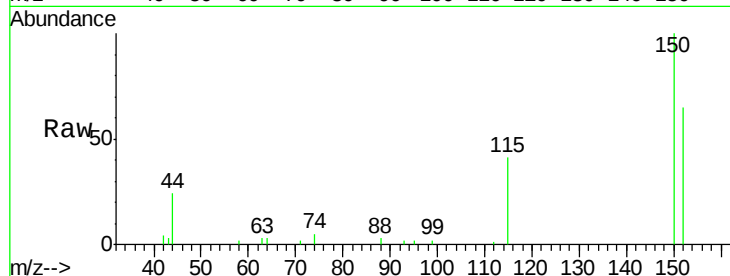
Tgt Ion:152 Resp: 4736

Ion Ratio Lower Upper

152 100

150 154.4 117.2 175.8

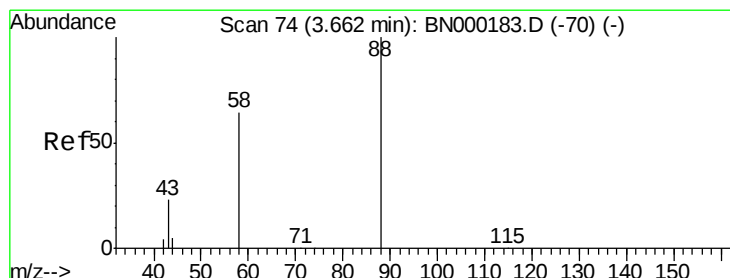
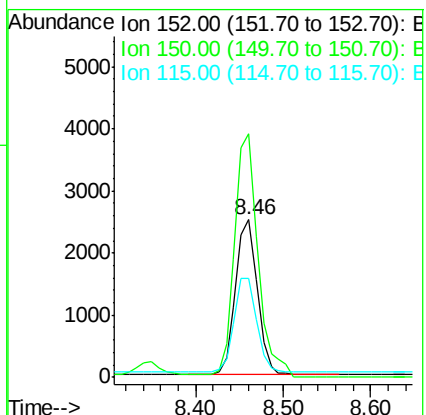
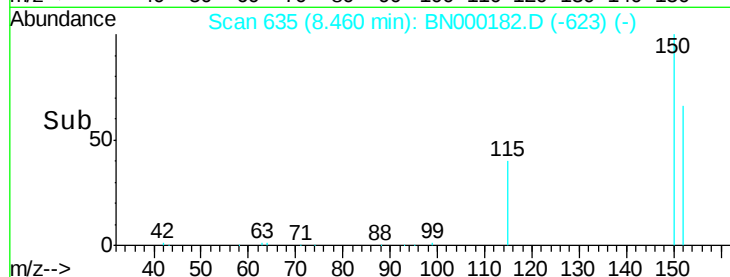
115 63.2 57.0 85.6



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: 0.172 ng

RT: 3.66 min Scan# 74

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

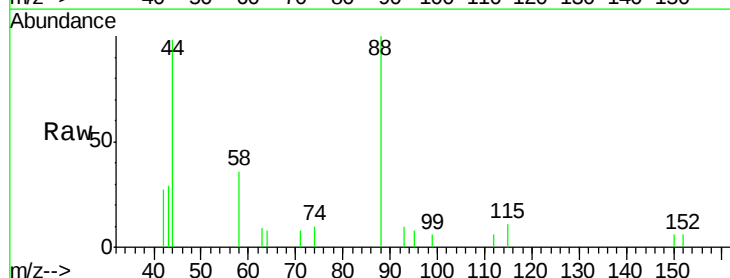
Tgt Ion: 88 Resp: 954

Ion Ratio Lower Upper

88 100

58 65.4 48.0 72.0

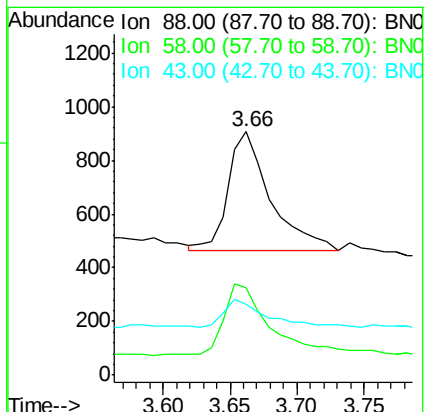
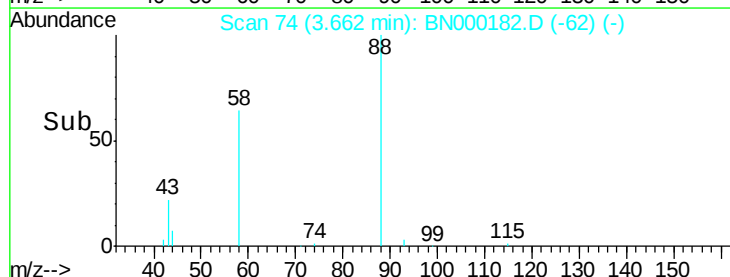
43 25.1 20.0 30.0

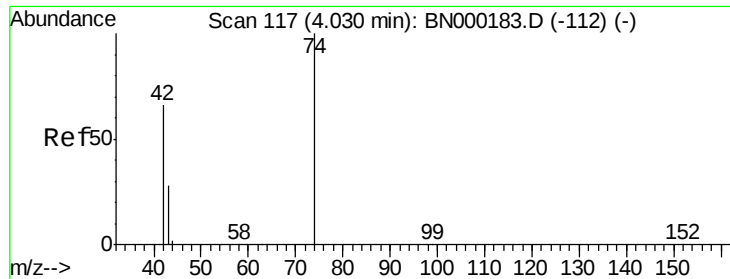


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.123 ng

RT: 4.05 min Scan# 119

Delta R.T. 0.02 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

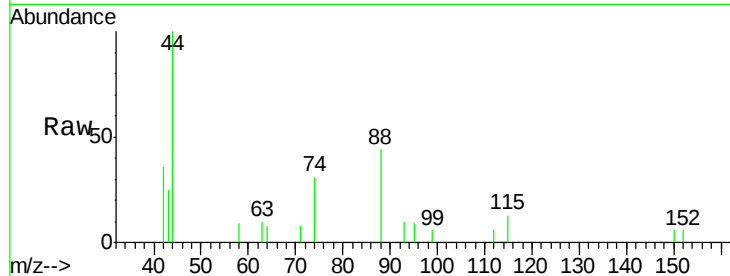
Tgt Ion: 42 Resp: 448

Ion Ratio Lower Upper

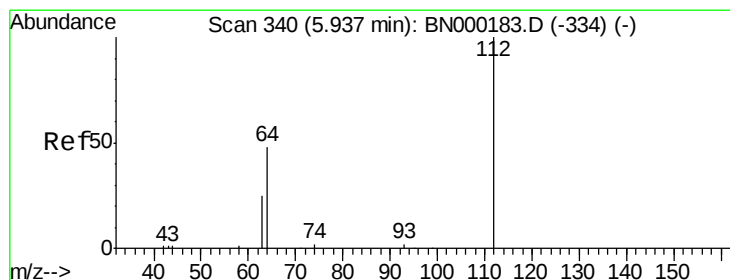
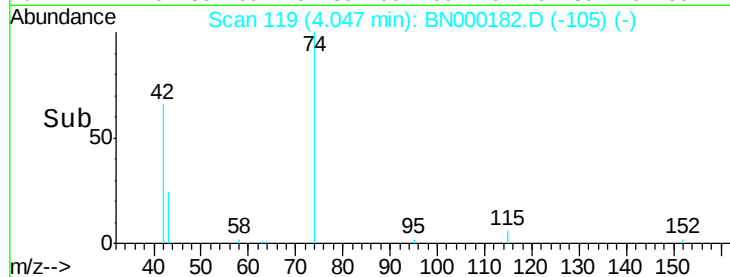
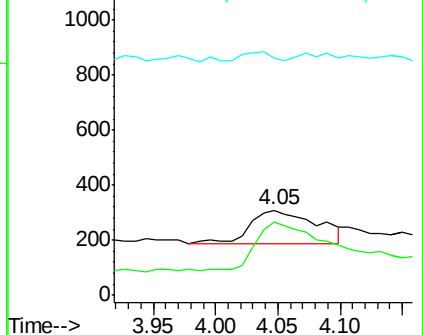
42 100

74 132.4 120.0 180.0

44 11.8 4.0 6.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.94 min Scan# 340

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

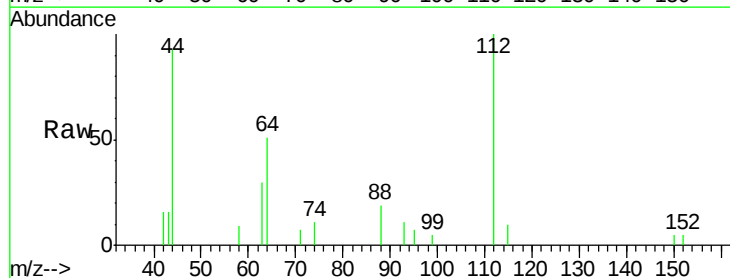
Tgt Ion: 112 Resp: 1953

Ion Ratio Lower Upper

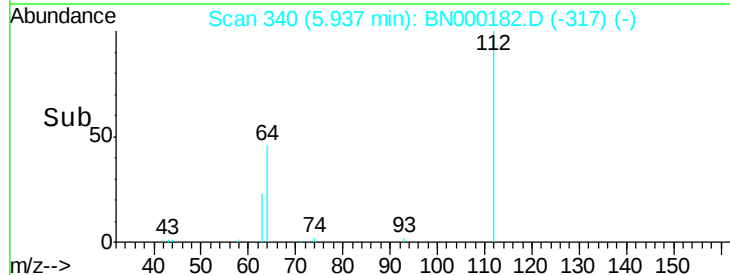
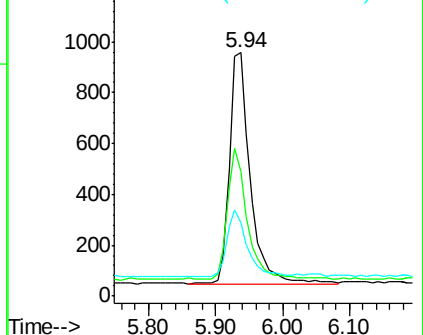
112 100

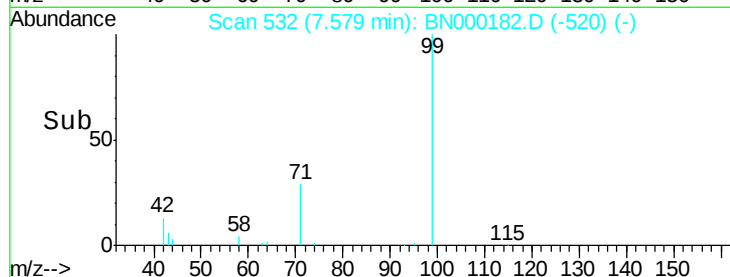
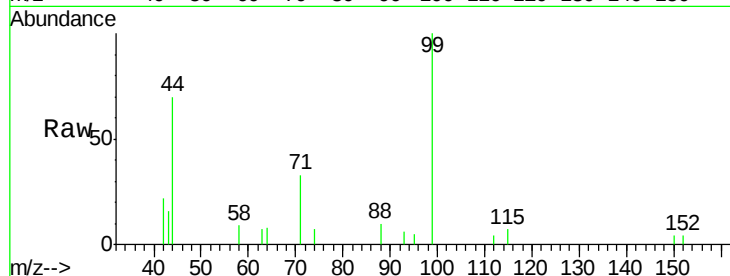
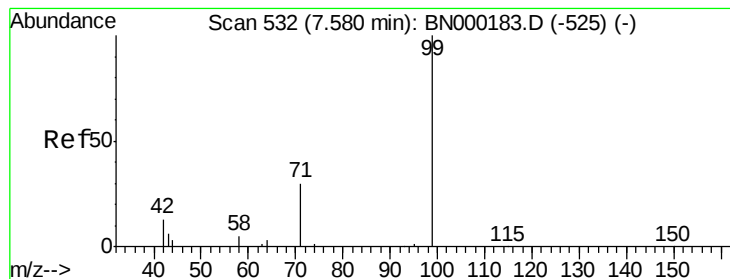
64 52.9 60.1 90.1#

63 27.8 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.192 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

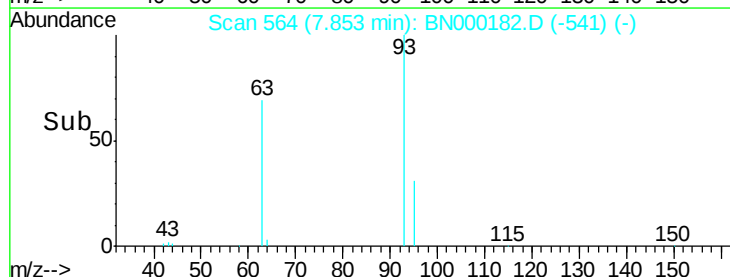
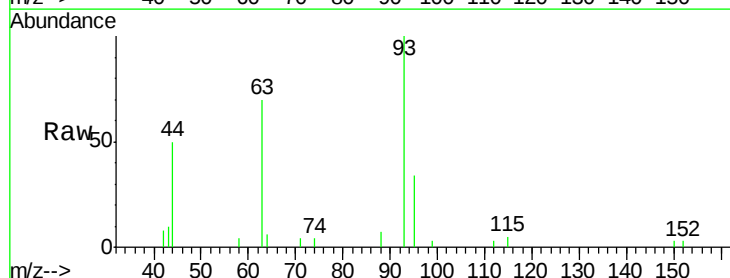
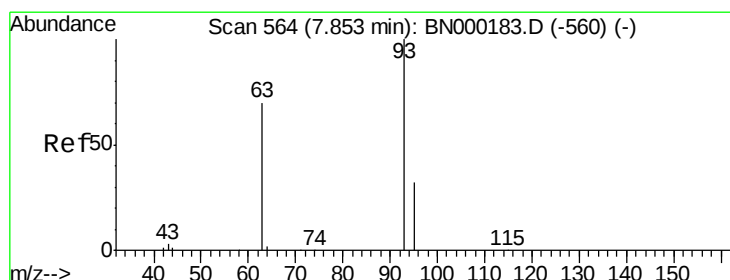
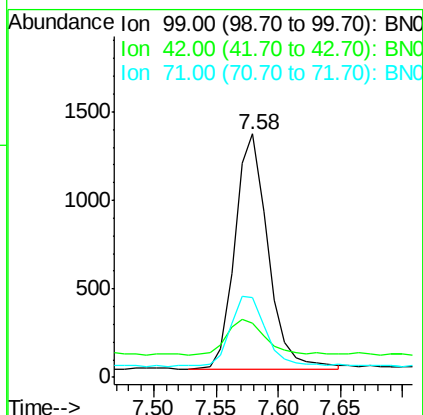
Tgt Ion: 99 Resp: 2441

Ion Ratio Lower Upper

99 100

42 17.6 20.2 30.2#

71 31.8 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.198 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

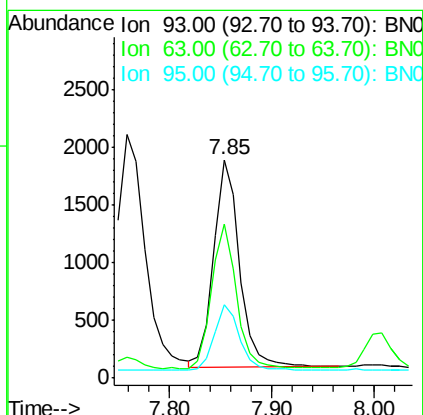
Tgt Ion: 93 Resp: 3191

Ion Ratio Lower Upper

93 100

63 67.1 56.0 84.0

95 31.1 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 18057

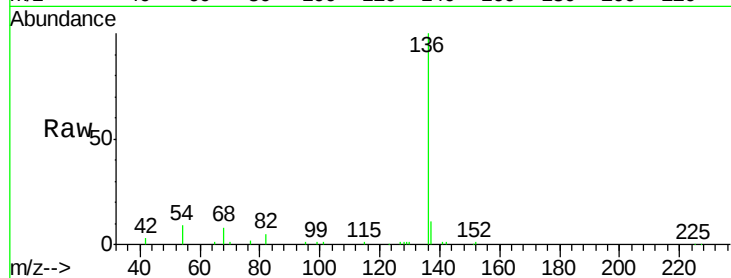
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 9.0 29.1 43.7#

68 8.2 6.2 9.2

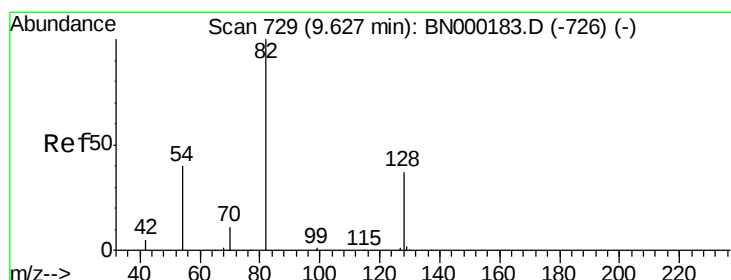
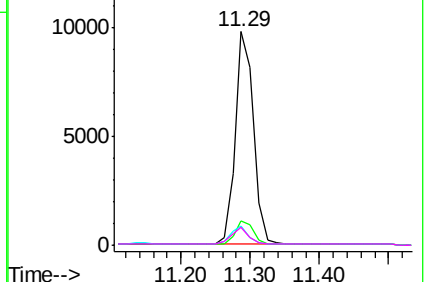
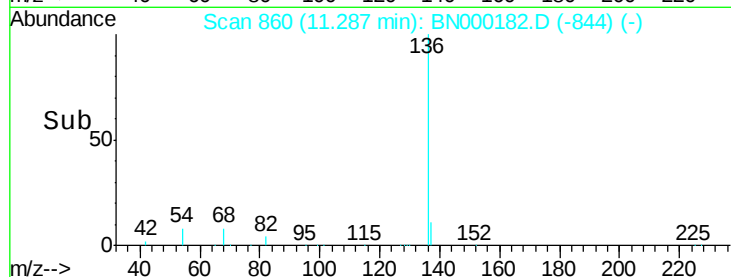


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.192 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

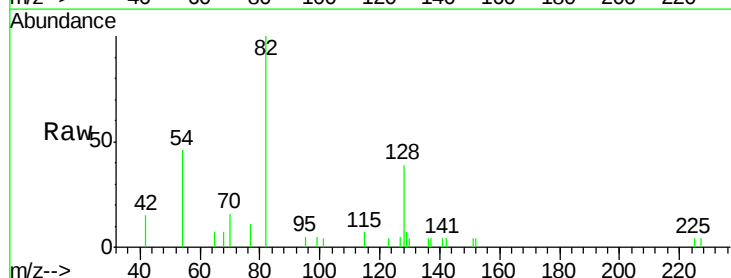
Tgt Ion: 82 Resp: 2060

Ion Ratio Lower Upper

82 100

128 39.5 150.0 225.0#

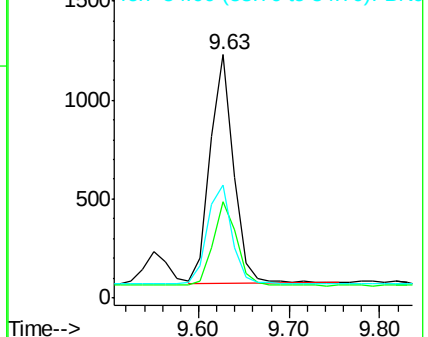
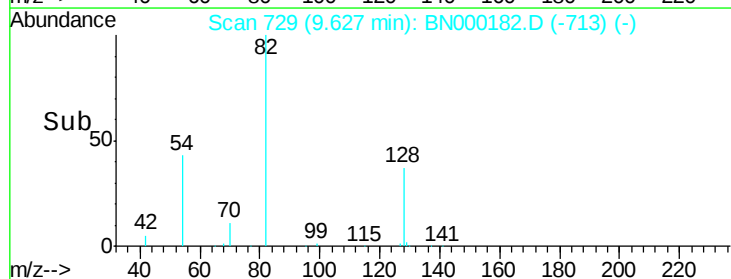
54 46.5 154.2 231.4#

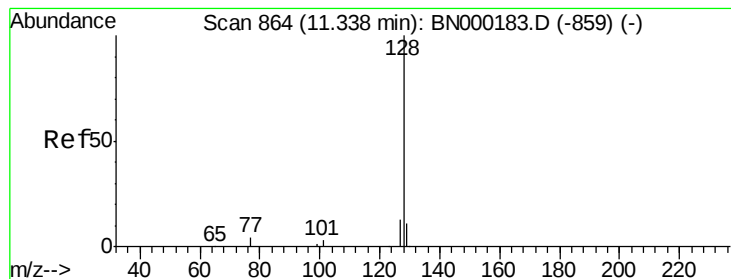


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.201 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

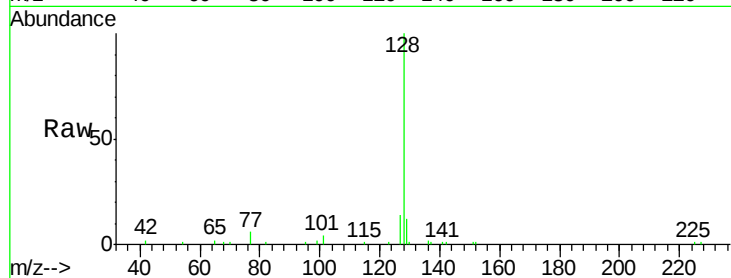
Tgt Ion:128 Resp: 10594

Ion Ratio Lower Upper

128 100

129 11.8 8.0 12.0

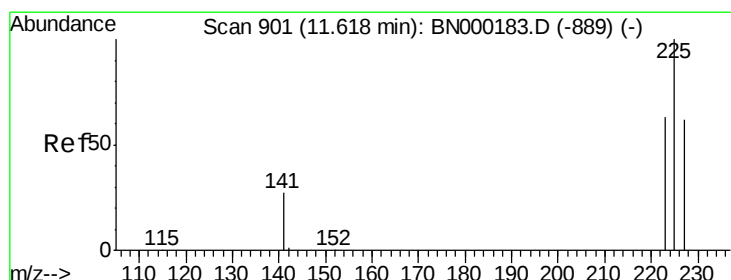
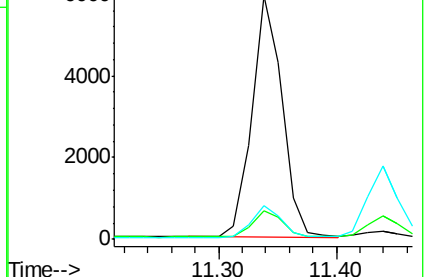
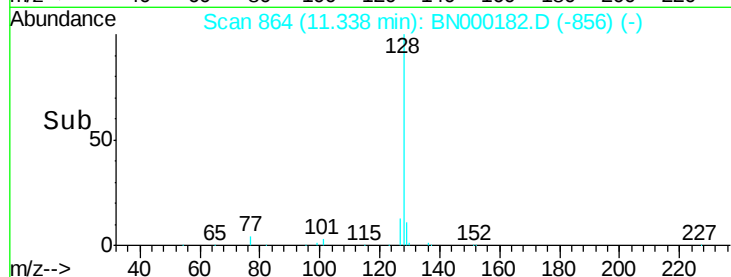
127 13.8 9.6 14.4



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: 0.197 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

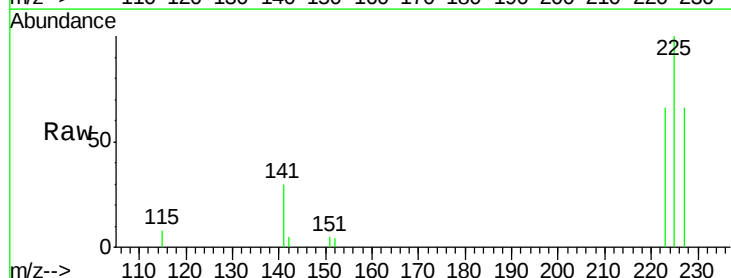
Tgt Ion:225 Resp: 1761

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

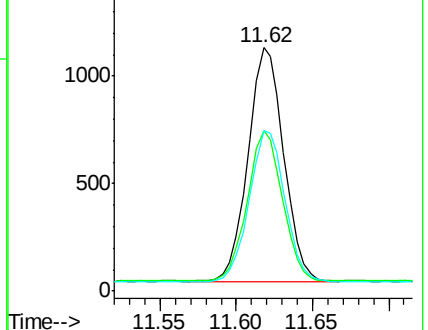
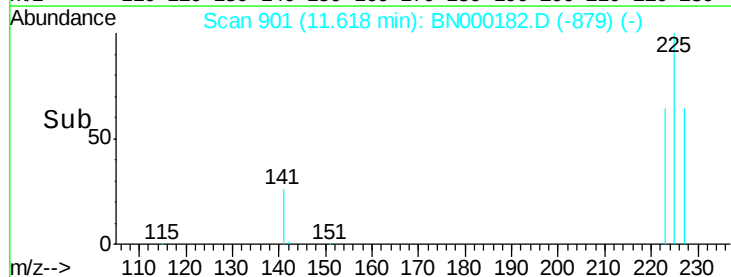
227 64.5 51.4 77.2

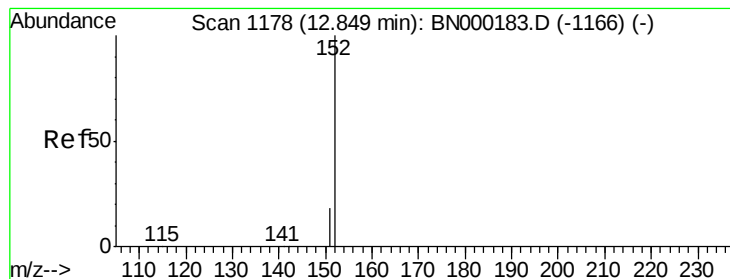


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.197 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

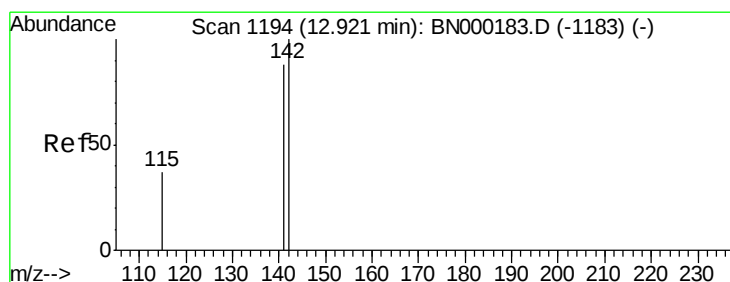
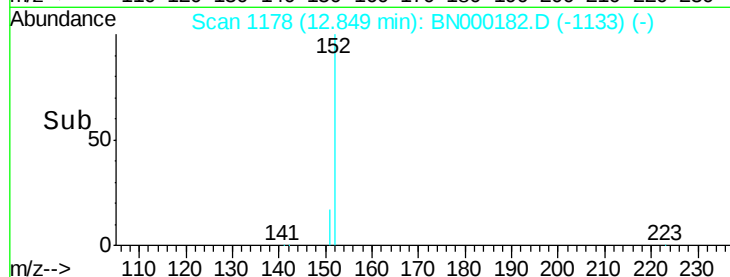
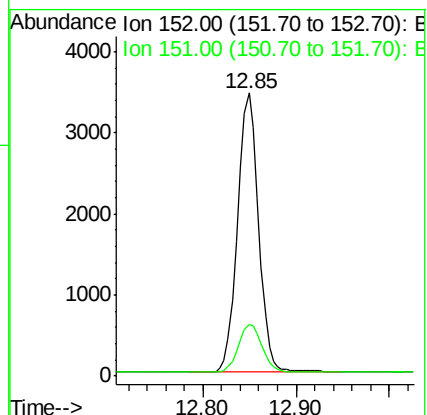
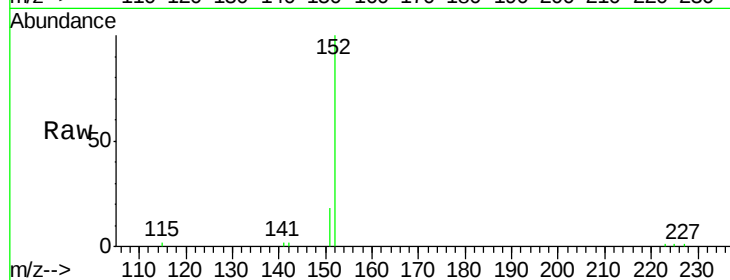
SSTDIC0.2

Tgt Ion:152 Resp: 5368

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.199 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

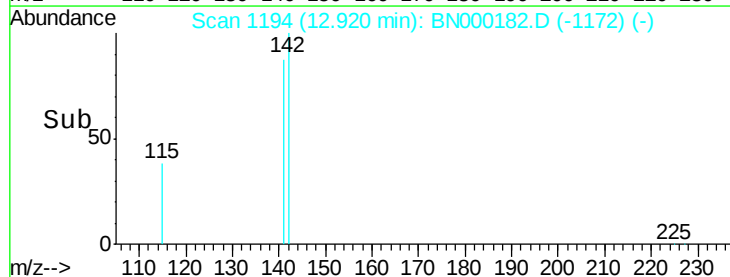
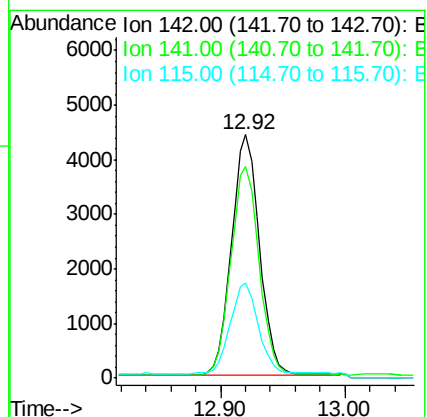
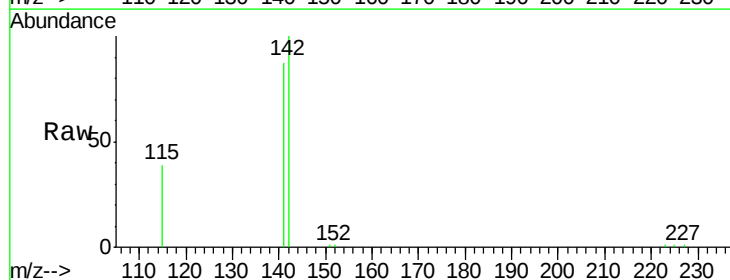
Tgt Ion:142 Resp: 6865

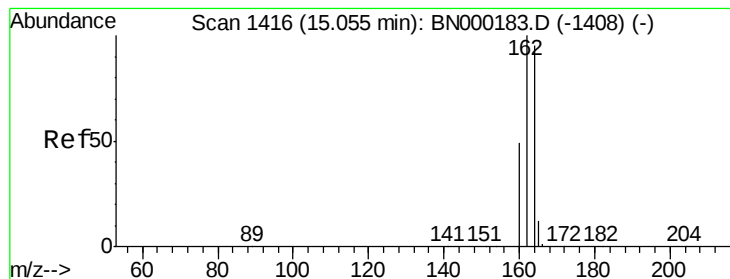
Ion Ratio Lower Upper

142 100

141 86.7 70.4 105.6

115 39.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

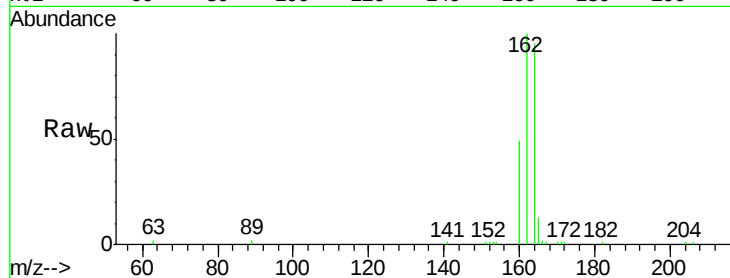
Tgt Ion:164 Resp: 9124

Ion Ratio Lower Upper

164 100

162 105.7 83.1 124.7

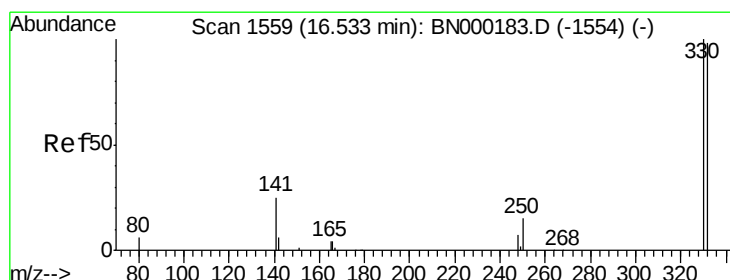
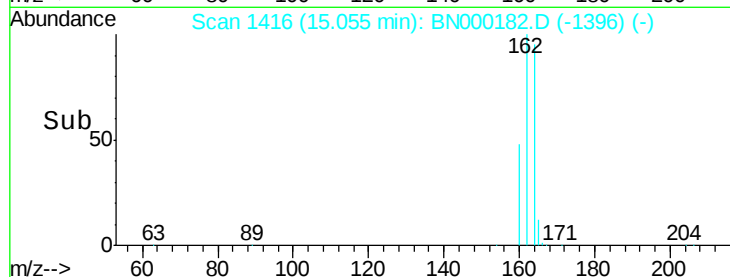
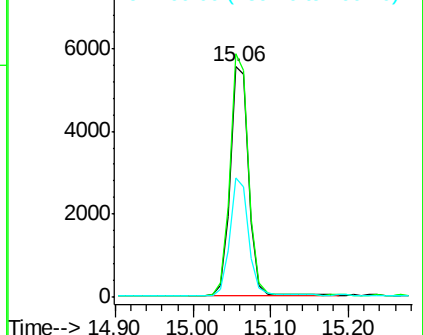
160 51.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.182 ng

RT: 16.53 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

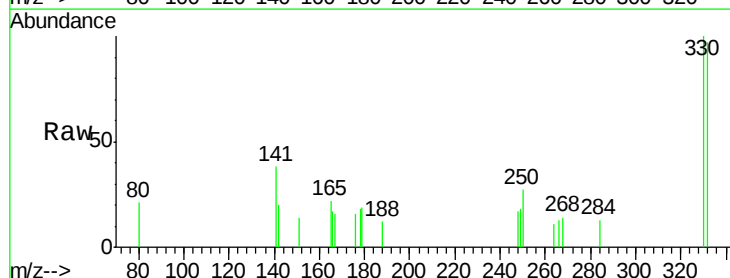
Tgt Ion:330 Resp: 554

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

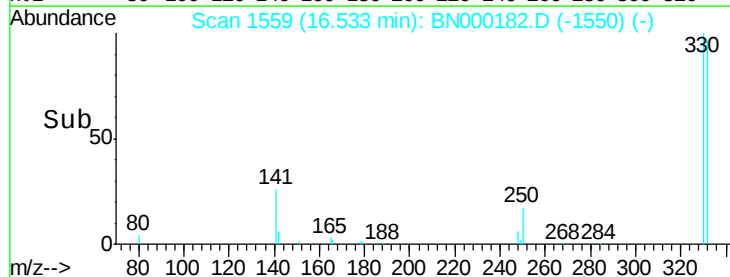
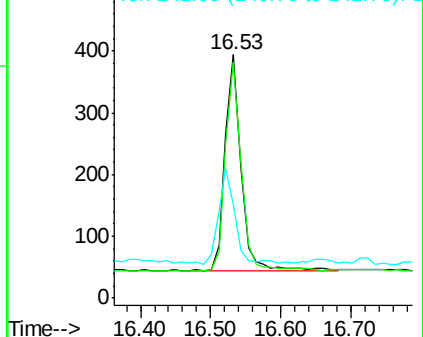
141 43.5 33.7 50.5

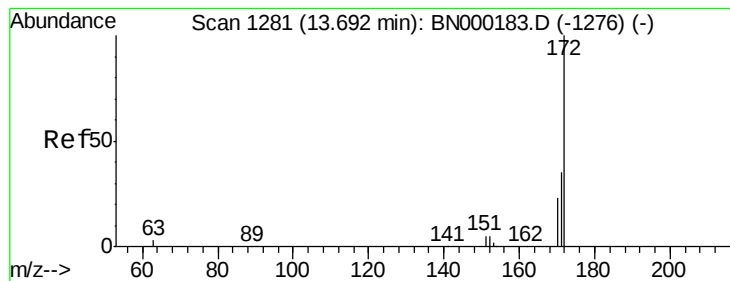


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.200 ng

RT: 13.69 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

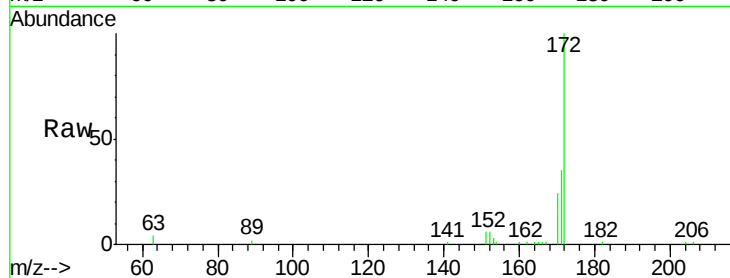
Tgt Ion:172 Resp: 8659

Ion Ratio Lower Upper

172 100

171 34.9 29.9 44.9

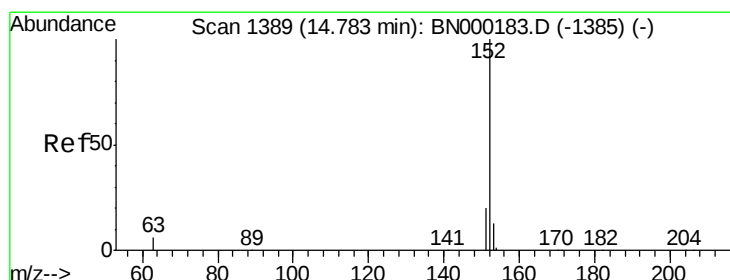
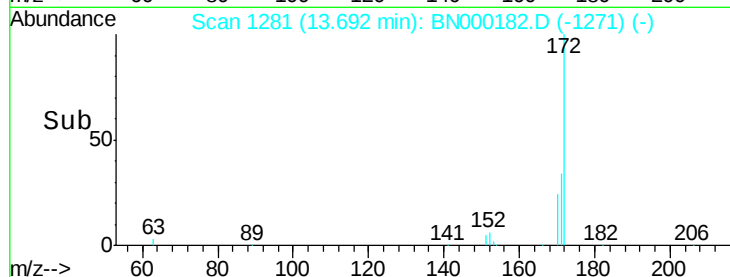
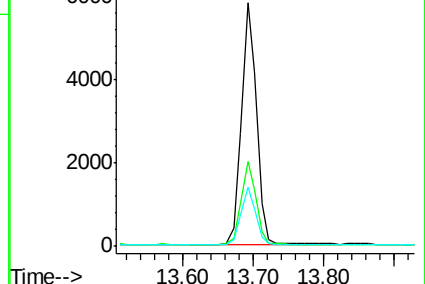
170 24.4 21.8 32.8



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: 0.182 ng

RT: 14.78 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

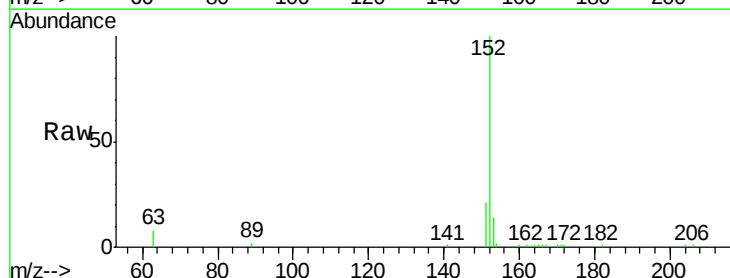
Tgt Ion:152 Resp: 7848

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

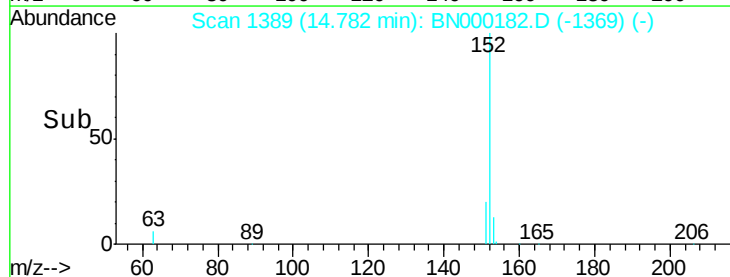
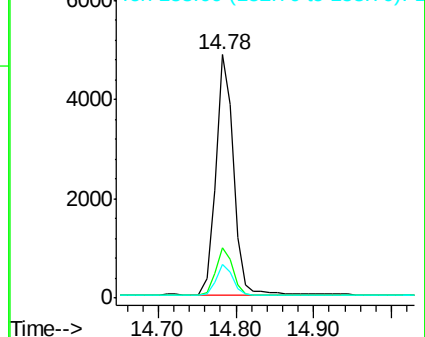
153 12.8 10.5 15.7

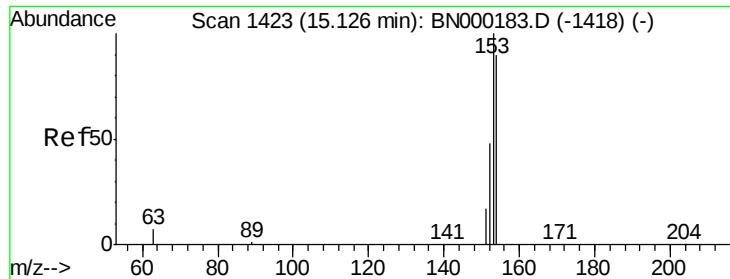


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.193 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

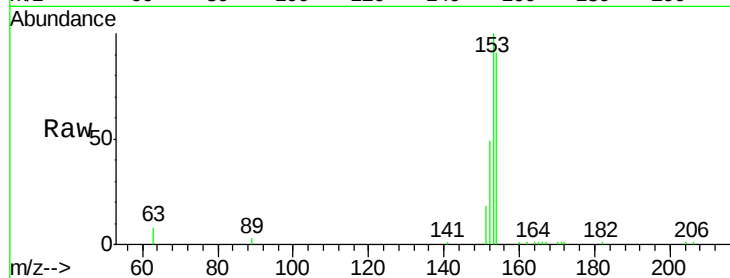
Tgt Ion:154 Resp: 6554

Ion Ratio Lower Upper

154 100

153 114.1 89.2 133.8

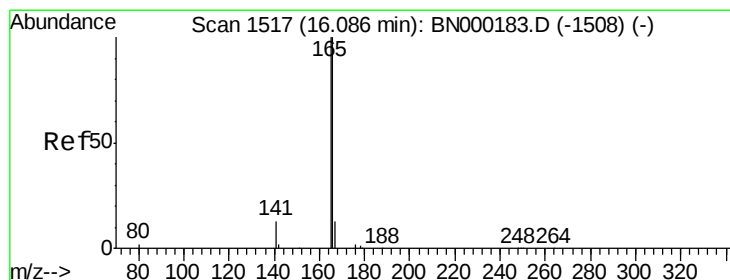
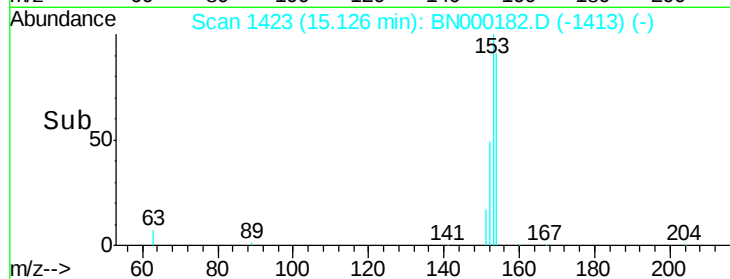
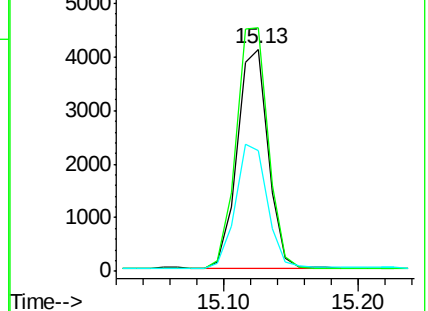
152 57.7 42.0 63.0



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: 0.196 ng

RT: 16.09 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

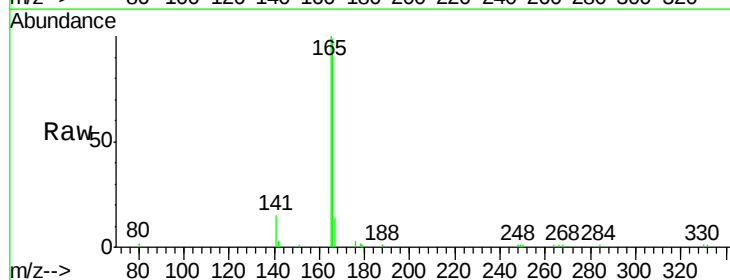
Tgt Ion:166 Resp: 8298

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

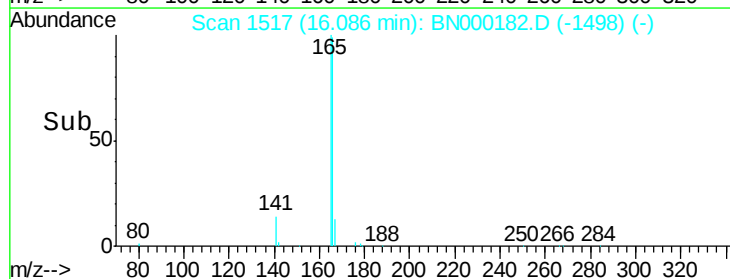
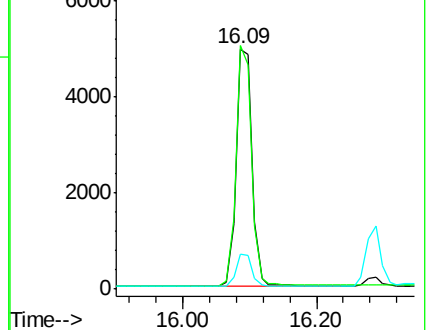
167 13.5 42.4 63.6#

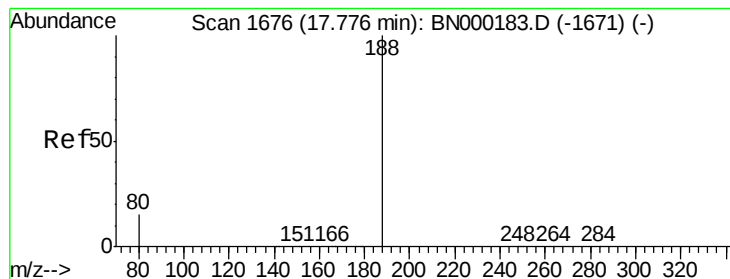


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

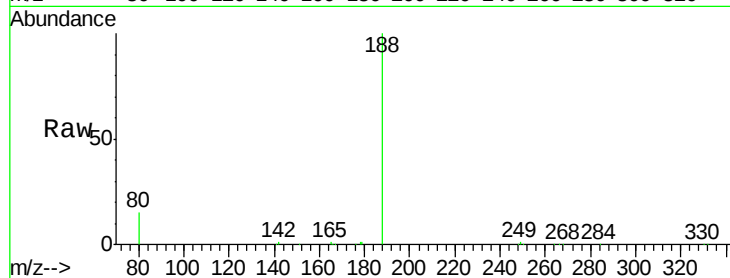
Tgt Ion:188 Resp: 22302

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

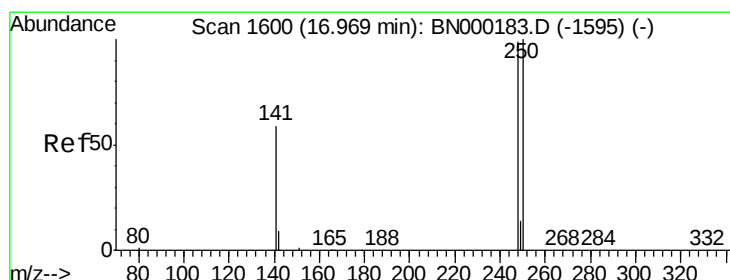
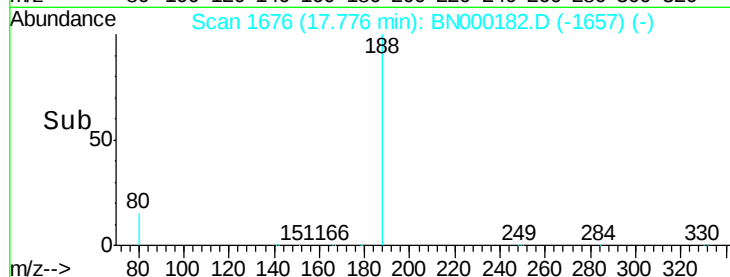
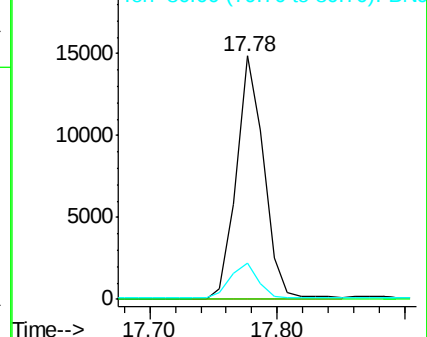
80 14.9 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.185 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

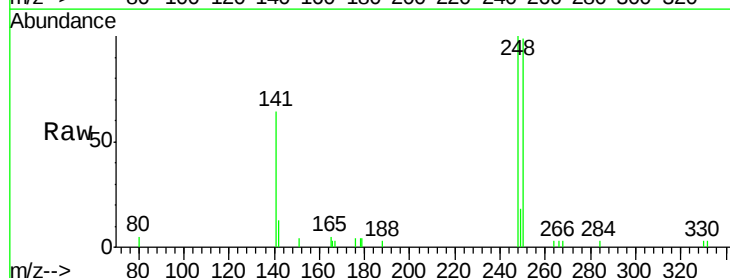
Tgt Ion:248 Resp: 2380

Ion Ratio Lower Upper

248 100

250 98.7 62.7 94.1#

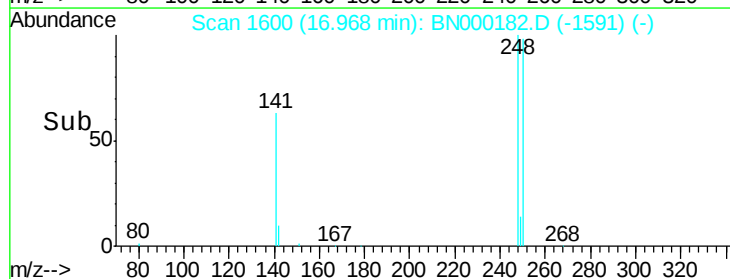
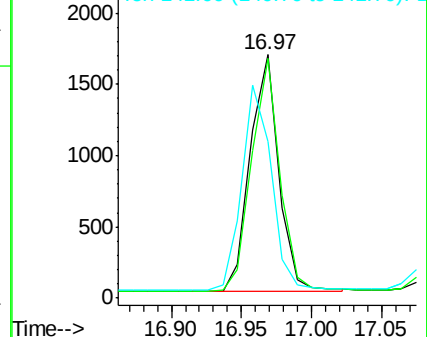
141 64.2 48.2 72.2

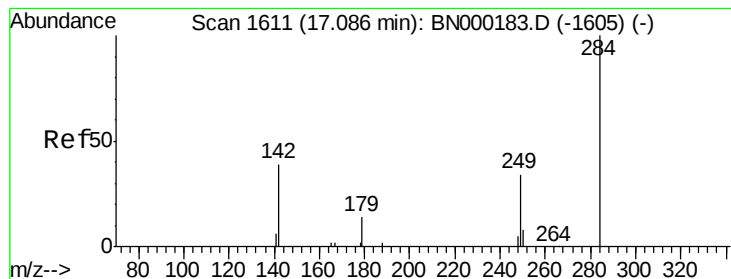


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.189 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

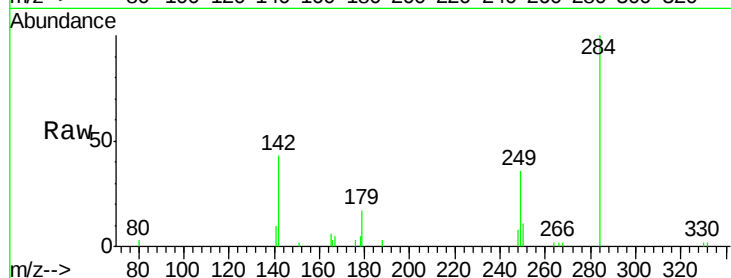
Tgt Ion:284 Resp: 3242

Ion Ratio Lower Upper

284 100

142 43.0 32.0 48.0

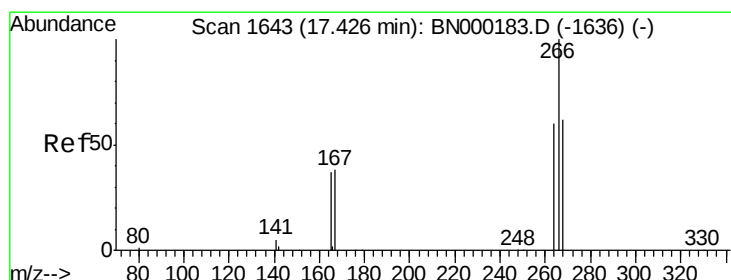
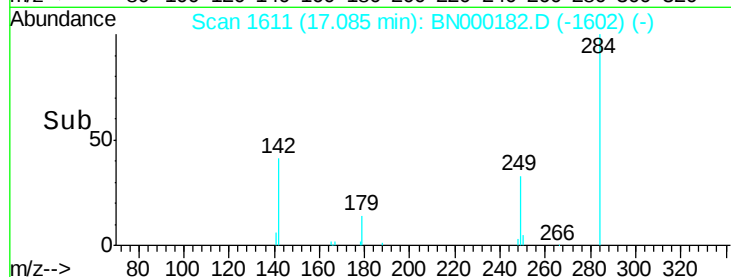
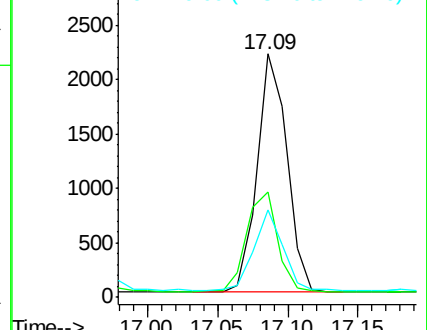
249 32.0 24.0 36.0



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: 0.175 ng

RT: 17.43 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

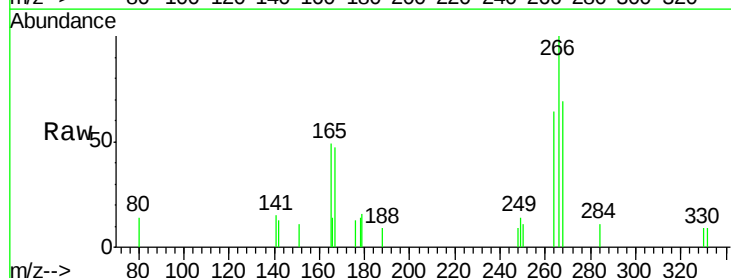
Tgt Ion:266 Resp: 804

Ion Ratio Lower Upper

266 100

264 63.9 48.0 72.0

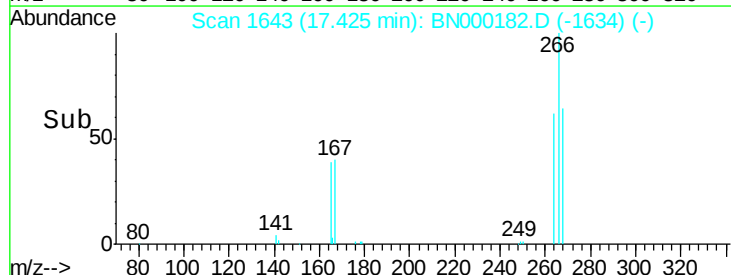
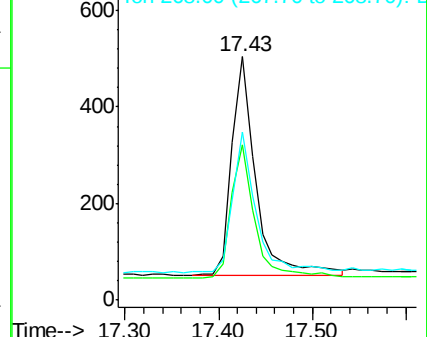
268 68.8 52.0 78.0

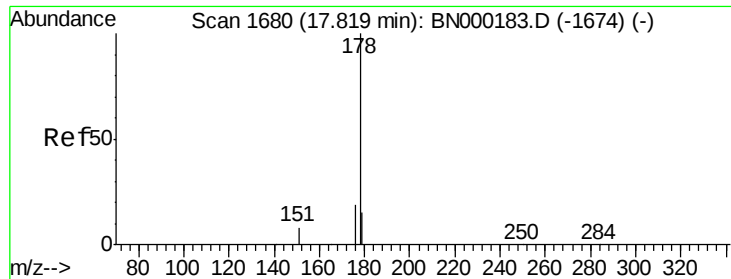


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.194 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

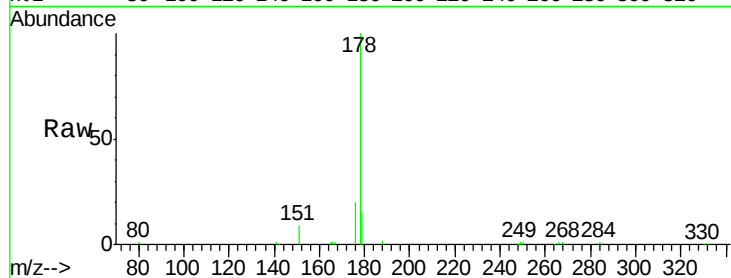
Tgt Ion:178 Resp: 15192

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

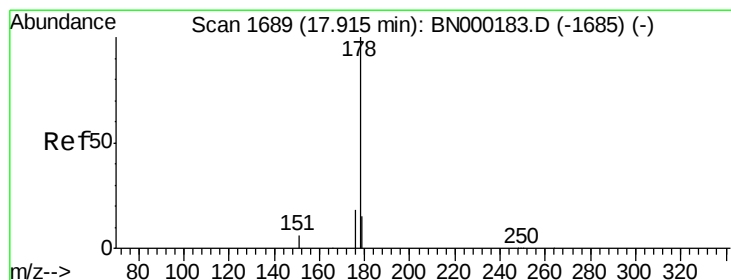
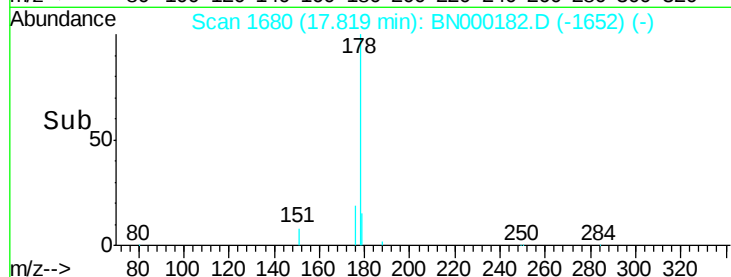
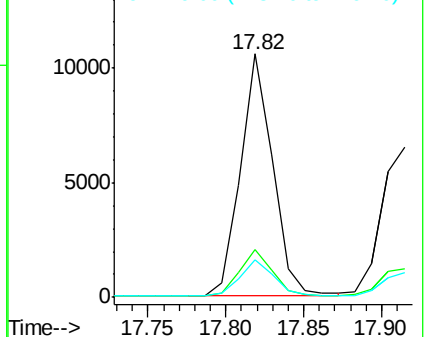
179 15.4 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.189 ng

RT: 17.91 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

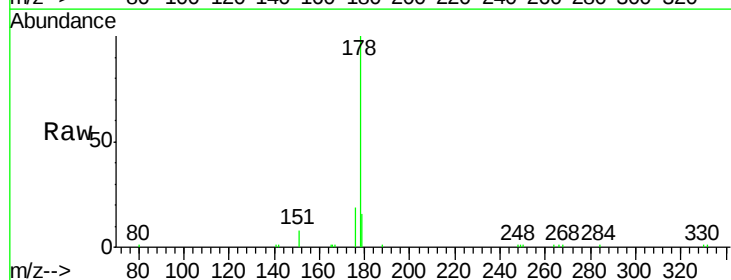
Tgt Ion:178 Resp: 11610

Ion Ratio Lower Upper

178 100

176 22.3 12.8 19.2#

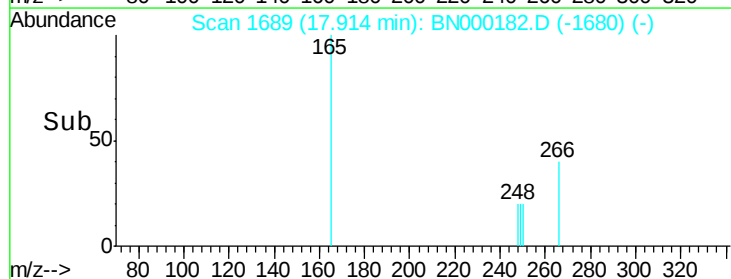
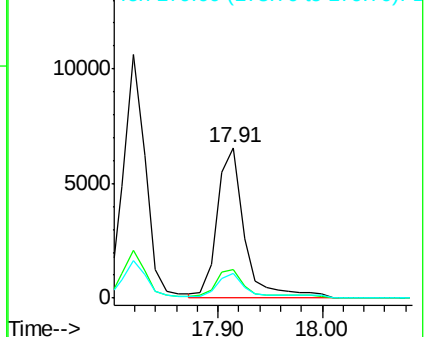
179 19.7 13.0 19.6#

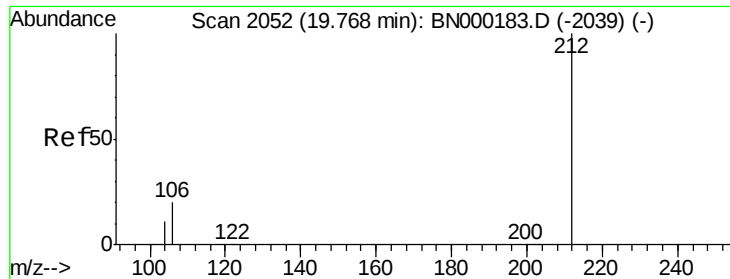


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.190 ng

RT: 19.77 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

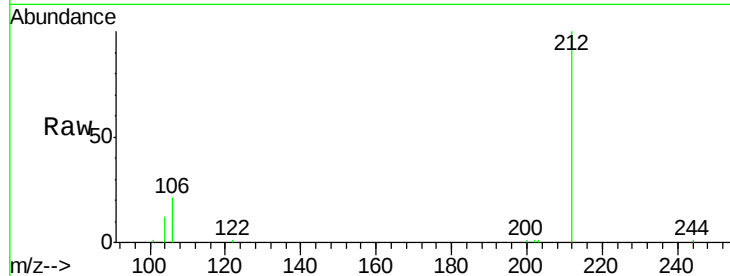
Tgt Ion:212 Resp: 11349

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

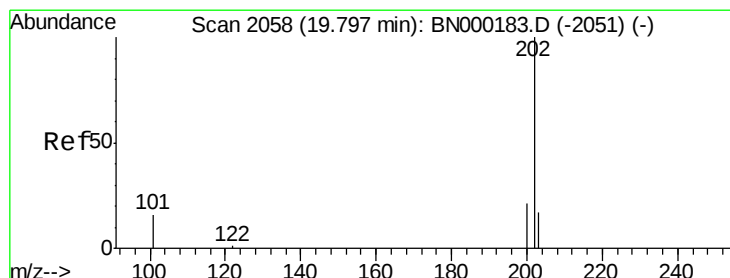
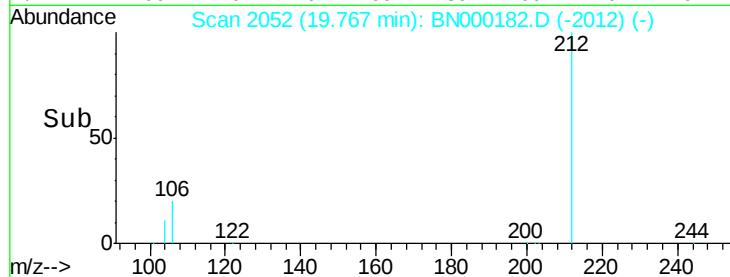
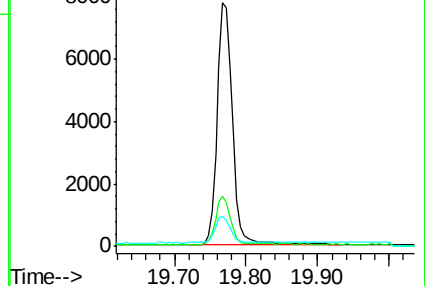
104 10.7 1.6 2.4#



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: 0.182 ng

RT: 19.80 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

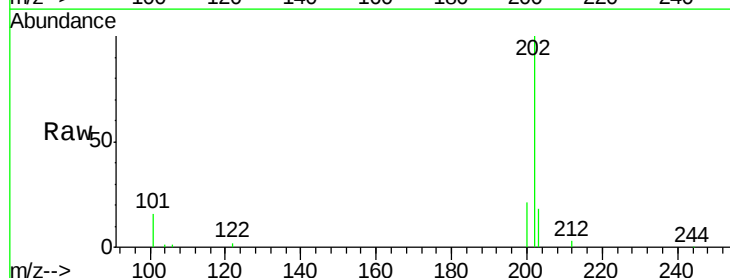
Tgt Ion:202 Resp: 14841

Ion Ratio Lower Upper

202 100

101 15.6 9.8 14.8#

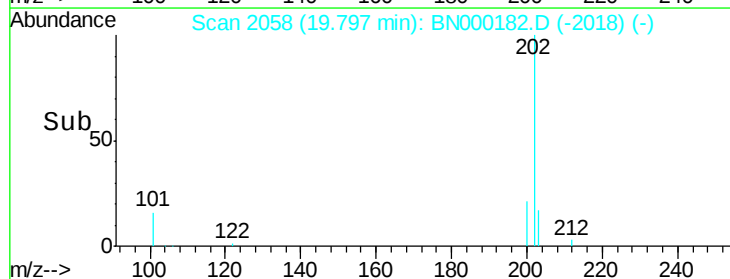
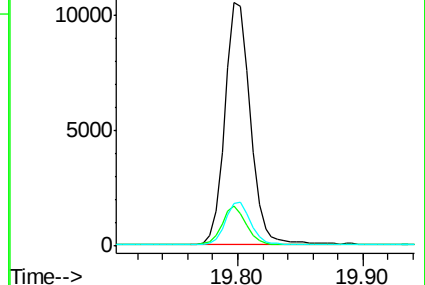
203 17.1 13.7 20.5

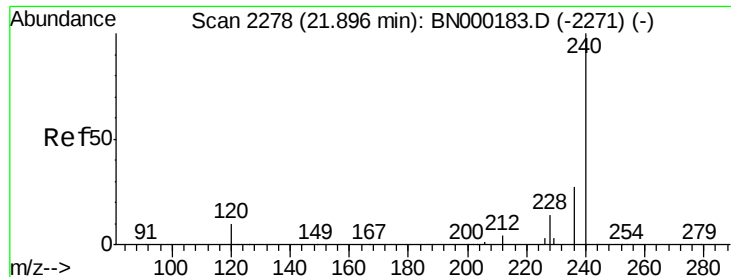


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.90 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

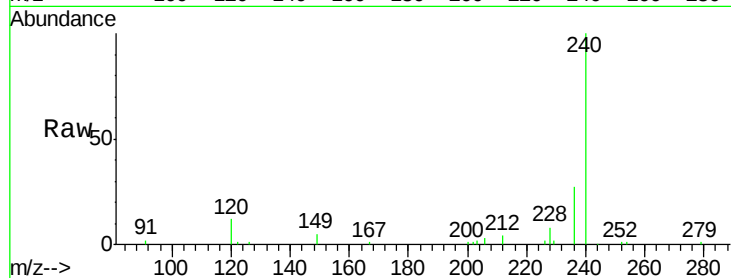
Tgt Ion:240 Resp: 19841

Ion Ratio Lower Upper

240 100

120 12.0 5.5 8.3#

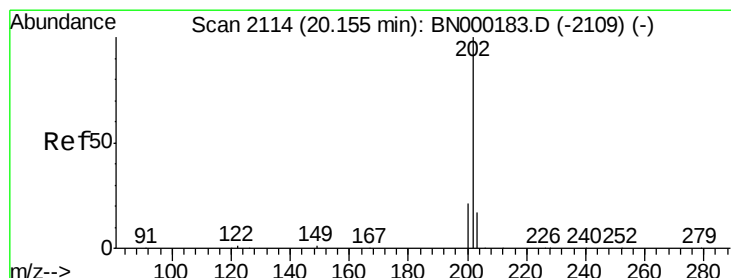
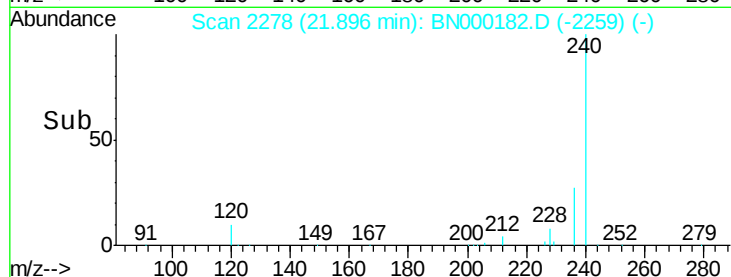
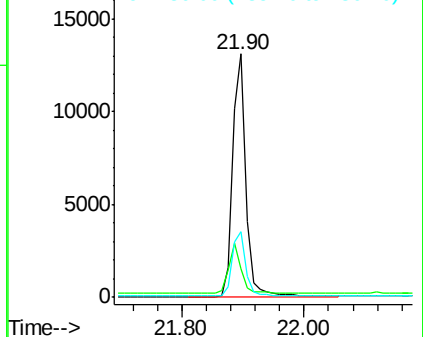
236 27.1 20.7 31.1



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: 0.200 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

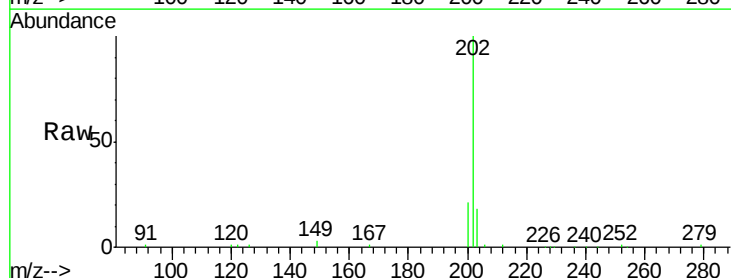
Tgt Ion:202 Resp: 15589

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

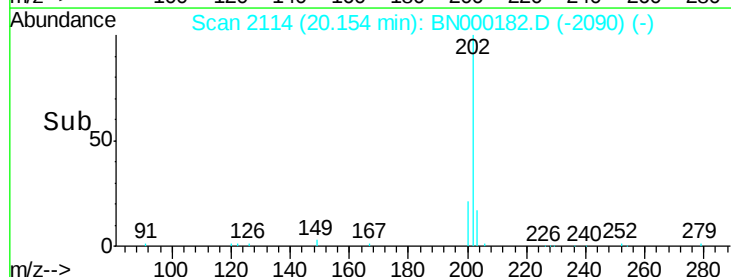
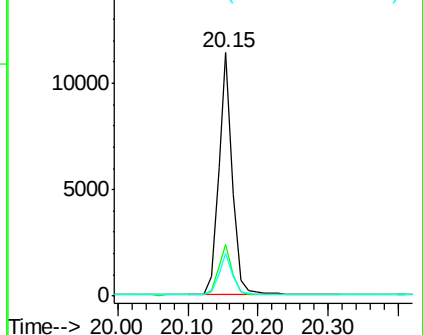
203 17.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.199 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

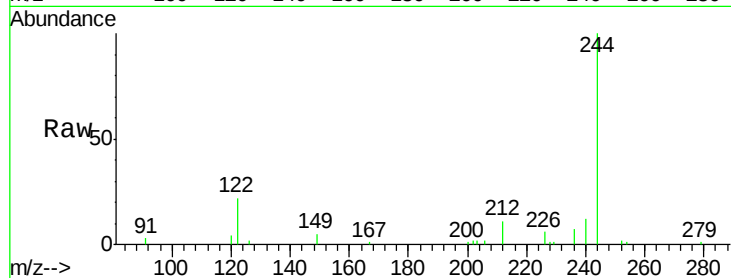
Tgt Ion:244 Resp: 6939

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

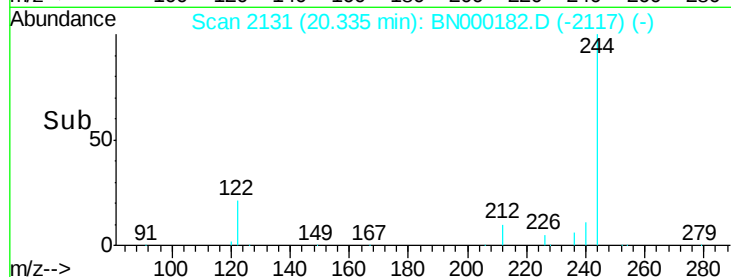
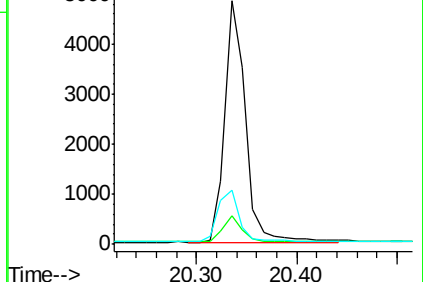
122 22.1 8.1 12.1#



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: 0.189 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

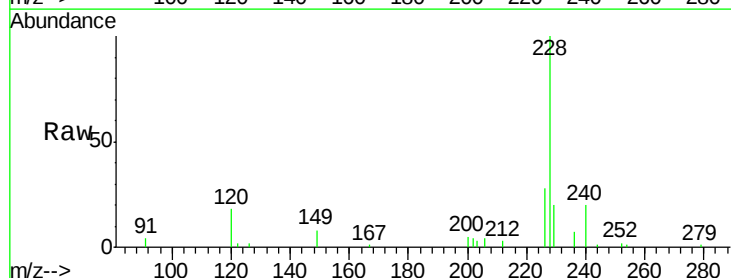
Tgt Ion:228 Resp: 11803

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

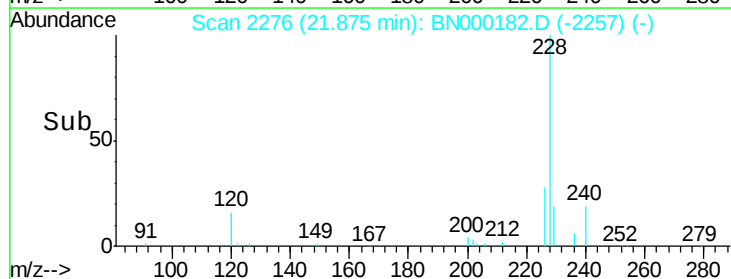
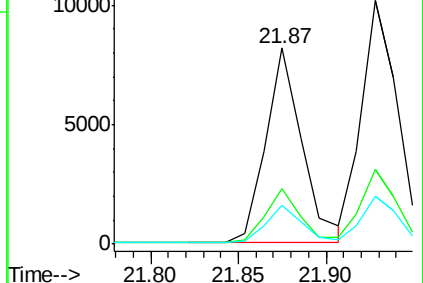
229 19.9 16.0 24.0

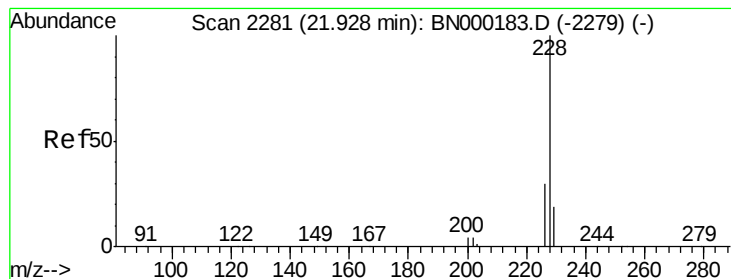


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.201 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

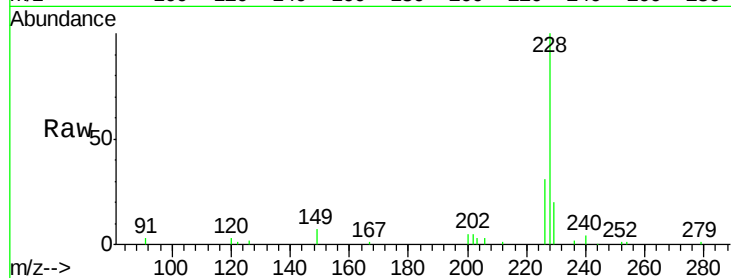
Tgt Ion:228 Resp: 14674

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

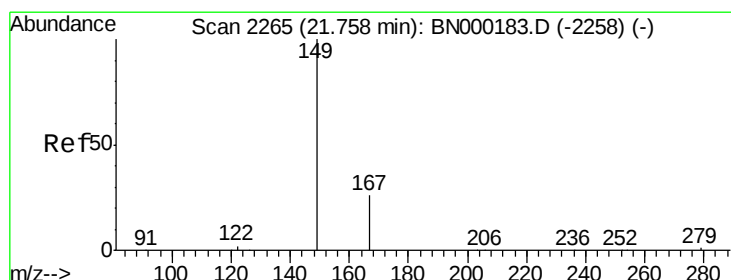
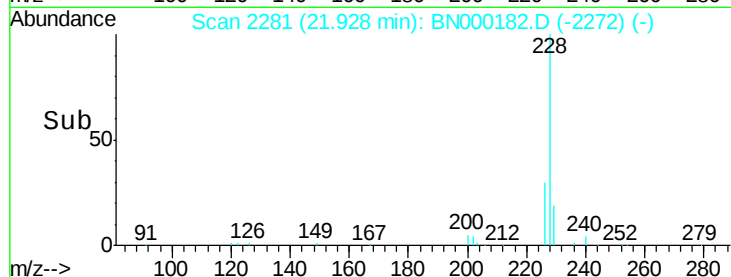
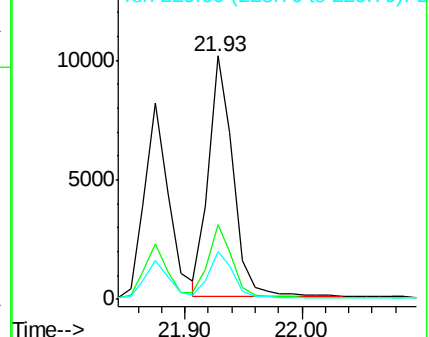
229 19.6 16.0 24.0



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: 0.197 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

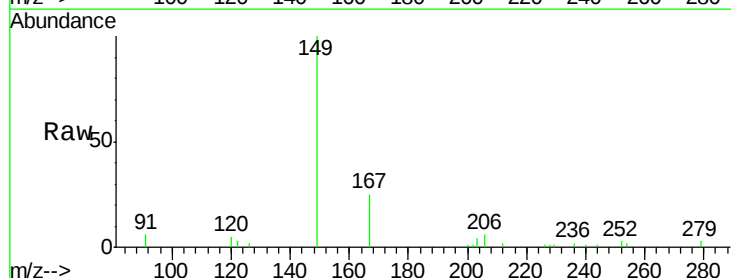
Tgt Ion:149 Resp: 4585

Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

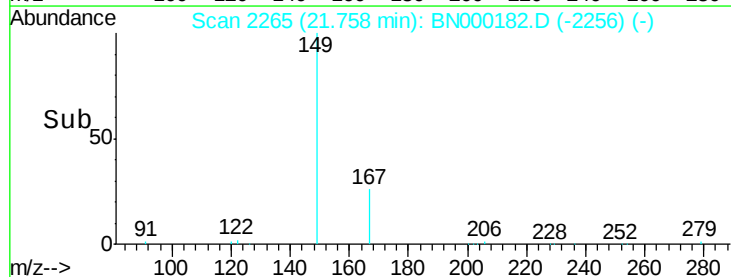
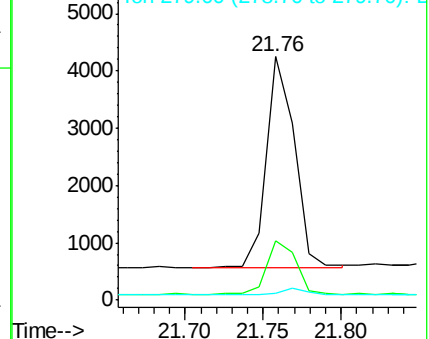
279 2.5 1.6 2.4#



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: 0.192 ng

RT: 26.91 min Scan# 3643

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

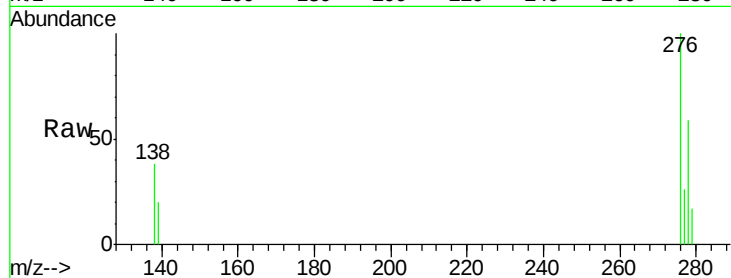
Tgt Ion:276 Resp: 13059

Ion Ratio Lower Upper

276 100

138 38.3 22.5 33.7#

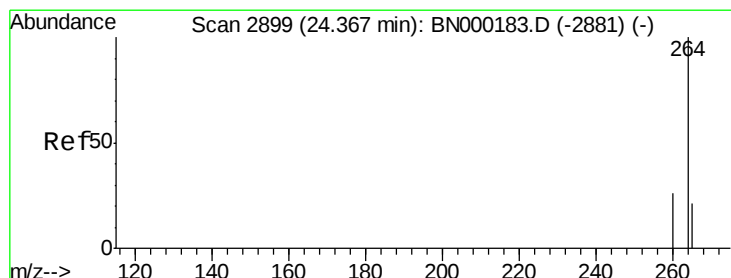
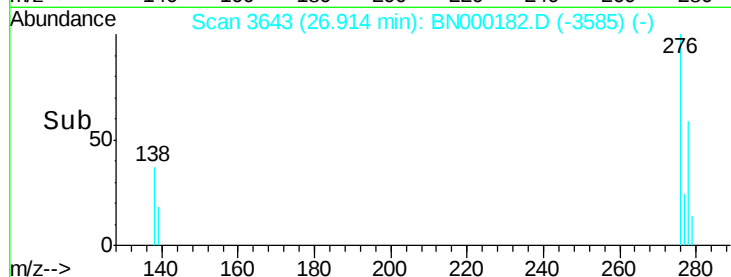
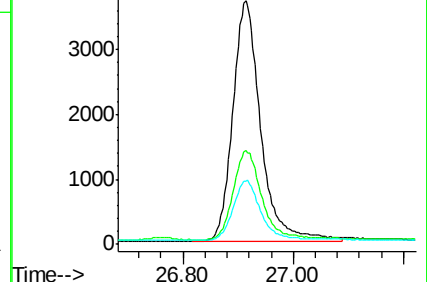
277 24.5 19.9 29.9



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: 24.37 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

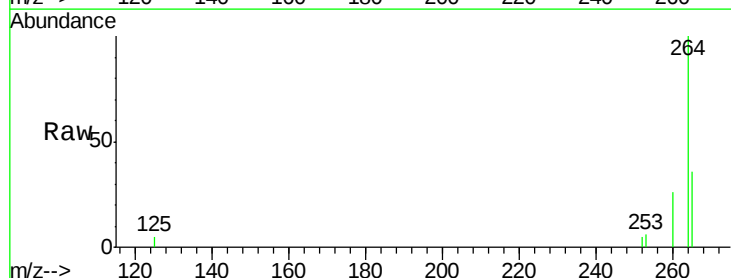
Tgt Ion:264 Resp: 16687

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

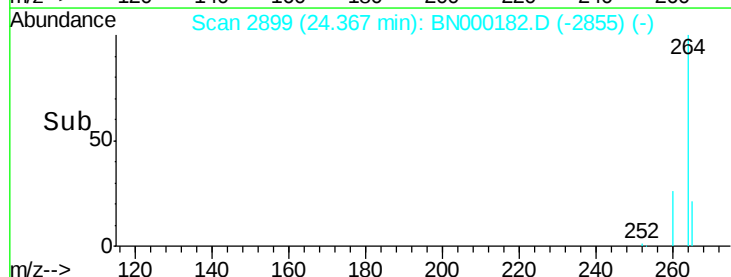
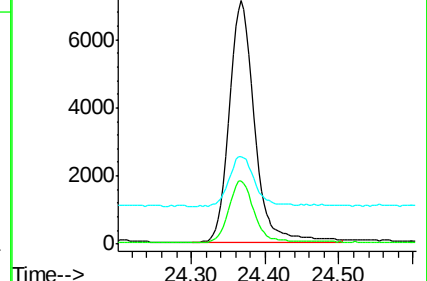
265 36.1 22.8 34.2#



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: 0.198 ng

RT: 23.61 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

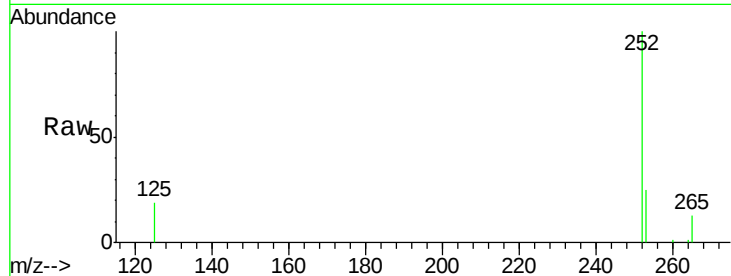
Tgt Ion:252 Resp: 15104

Ion Ratio Lower Upper

252 100

253 25.1 20.0 30.0

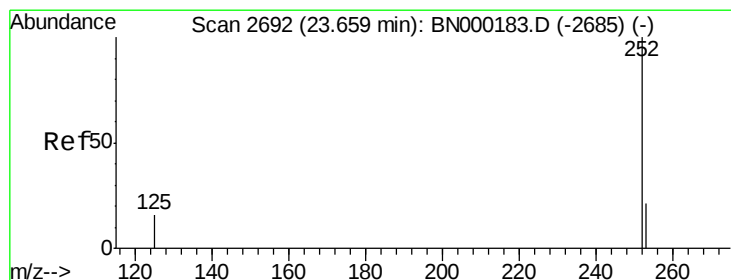
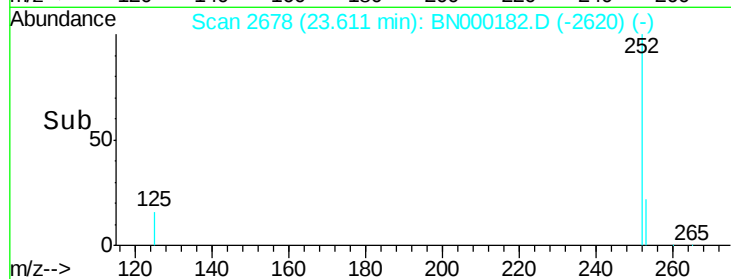
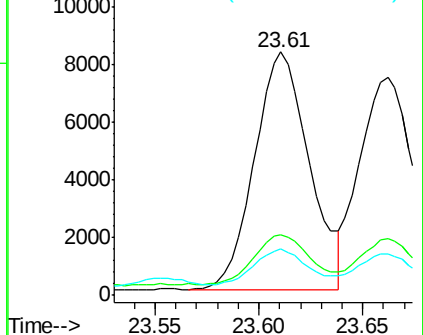
125 19.0 16.0 24.0



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: 0.189 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

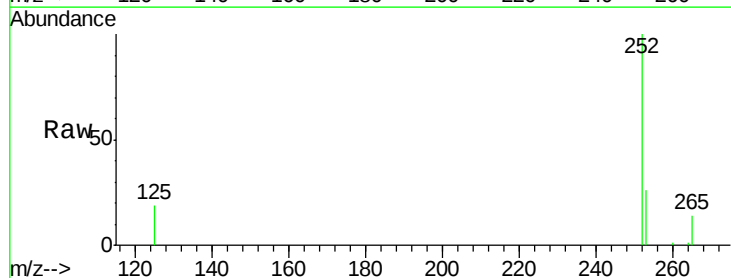
Tgt Ion:252 Resp: 14114

Ion Ratio Lower Upper

252 100

253 26.1 16.0 24.0#

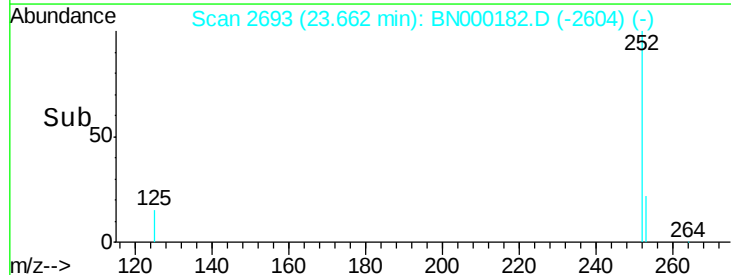
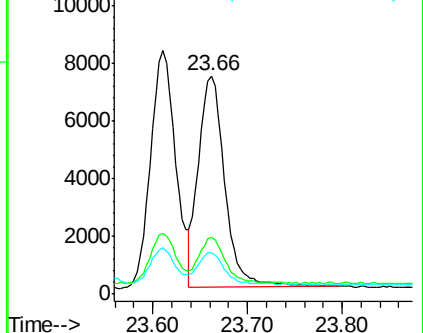
125 19.0 8.0 12.0#



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: 0.186 ng

RT: 24.26 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

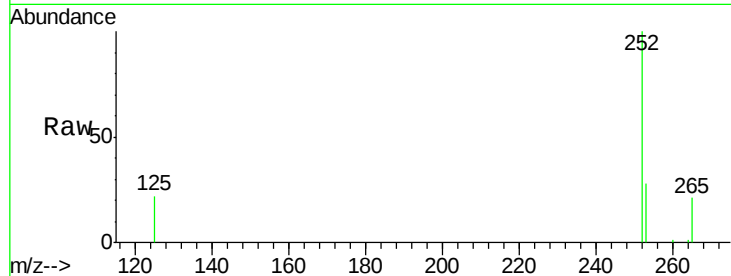
Tgt Ion:252 Resp: 11563

Ion Ratio Lower Upper

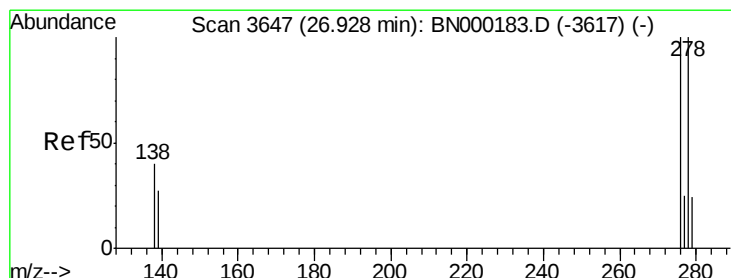
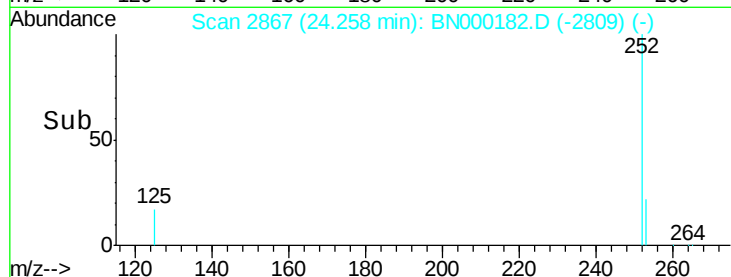
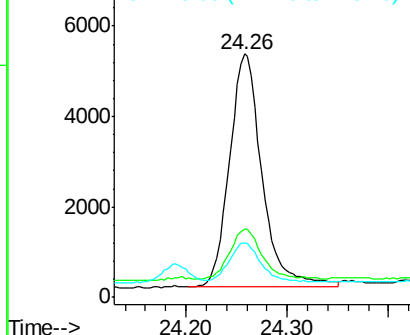
252 100

253 28.0 16.0 24.0#

125 22.4 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: 0.179 ng

RT: 26.93 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

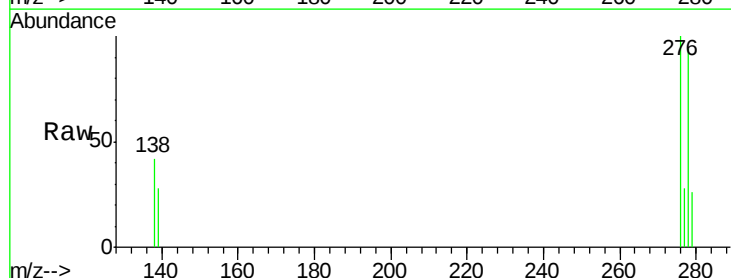
Tgt Ion:278 Resp: 9866

Ion Ratio Lower Upper

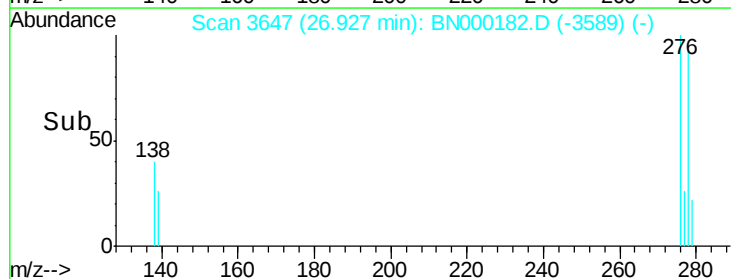
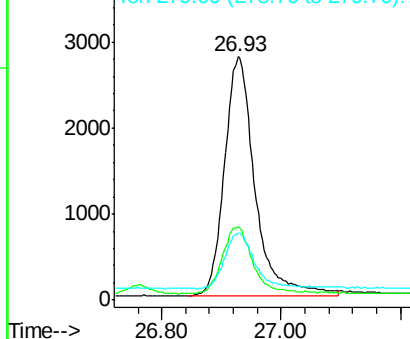
278 100

139 30.4 16.0 24.0#

279 27.8 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: 0.195 ng

RT: 27.69 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BN000182.D

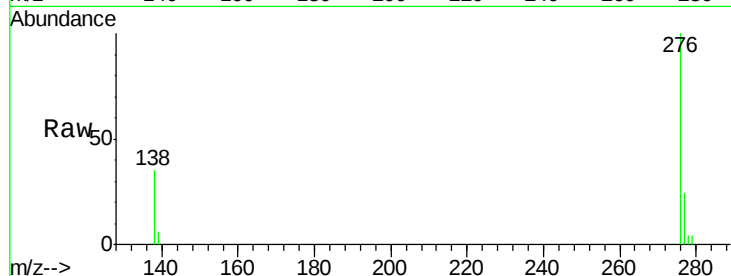
Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2



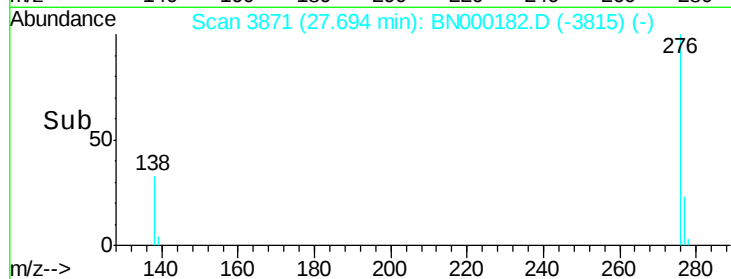
Tgt Ion: 276 Resp: 12702

Ion Ratio Lower Upper

276 100

277 24.1 16.0 24.0#

138 35.1 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

