

Data Path : Z:\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 14:17:14 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 14:08:55 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

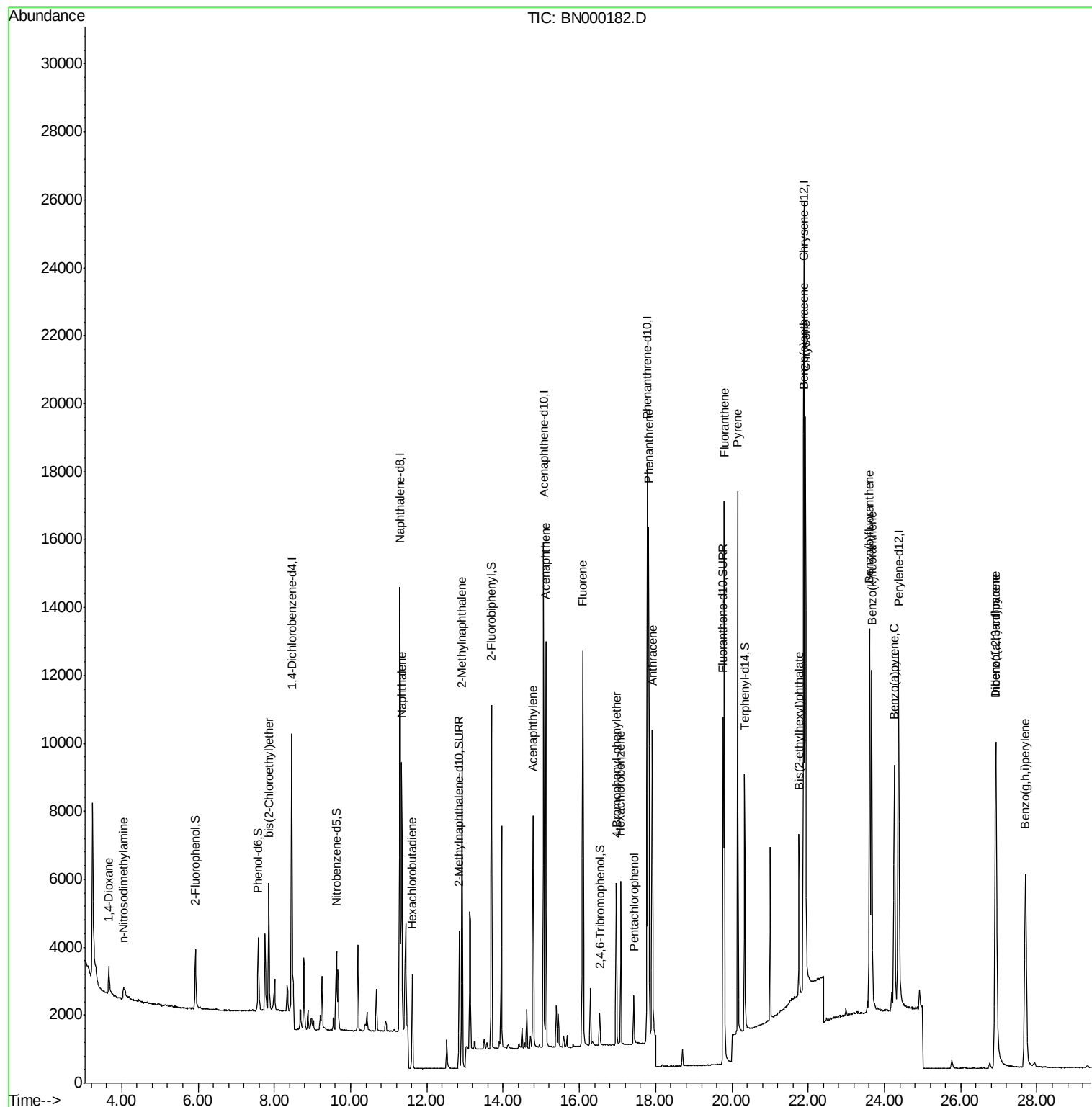
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	954	0.172	ng	95
3) n-Nitrosodimethylamine	4.05	42	448	0.123	ng	# 86
6) bis(2-Chloroethyl)ether	7.85	93	3191	0.198	ng	97
9) Naphthalene	11.34	128	10594	0.201	ng	95
10) Hexachlorobutadiene	11.62	225	1761	0.197	ng	98
12) 2-Methylnaphthalene	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	10786	0.176	ng	95
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

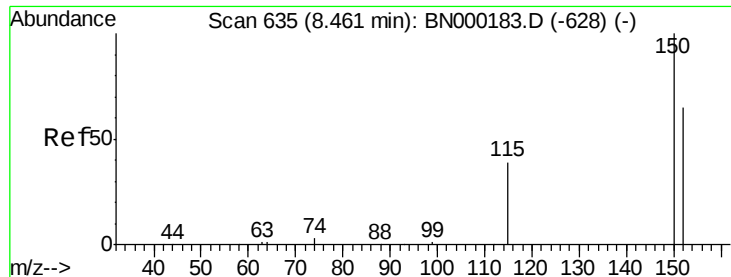
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

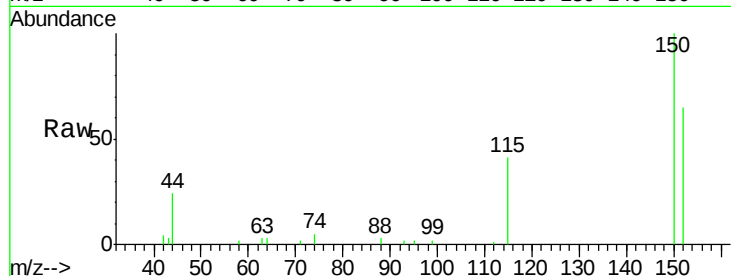
Tgt Ion:152 Resp: 4736

Ion Ratio Lower Upper

152 100

150 154.4 117.2 175.8

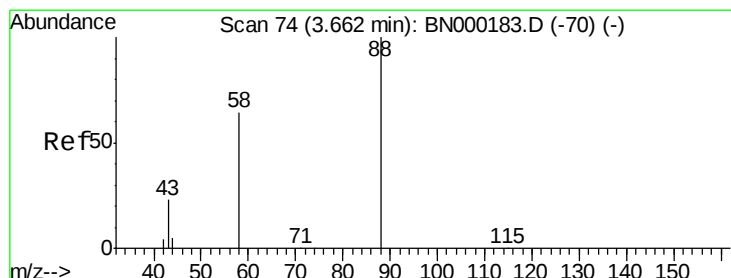
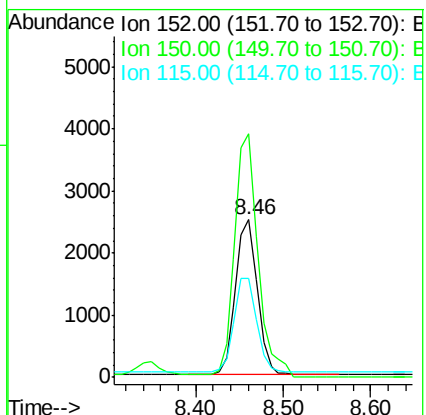
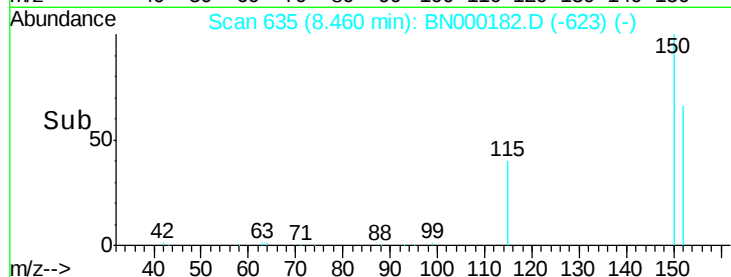
115 63.2 57.0 85.6



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

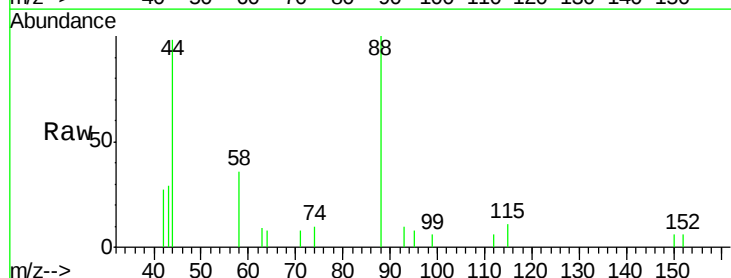
Tgt Ion: 88 Resp: 954

Ion Ratio Lower Upper

88 100

58 65.4 48.0 72.0

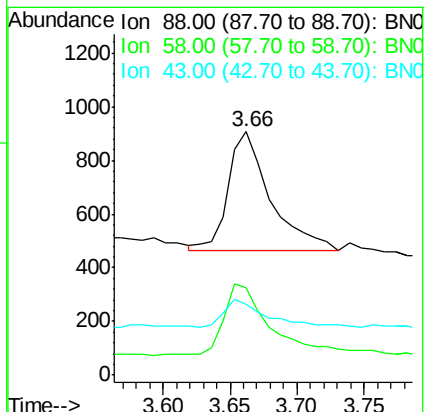
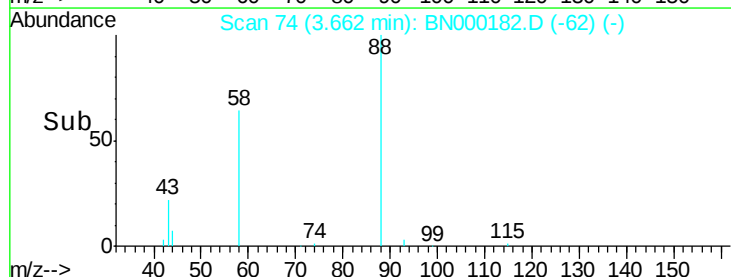
43 25.1 20.0 30.0

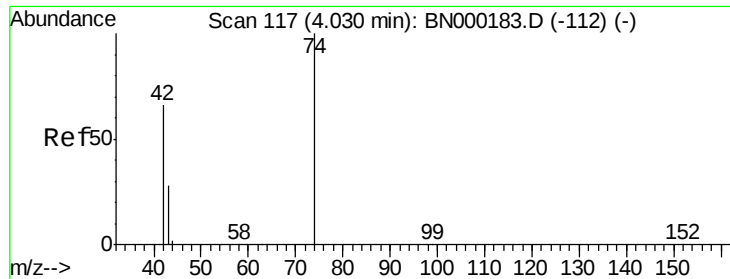


Abundance Ion 88.00 (87.70 to 88.70): BNC

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

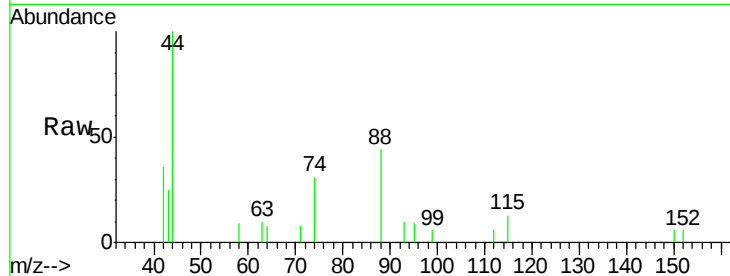
Tgt Ion: 42 Resp: 448

Ion Ratio Lower Upper

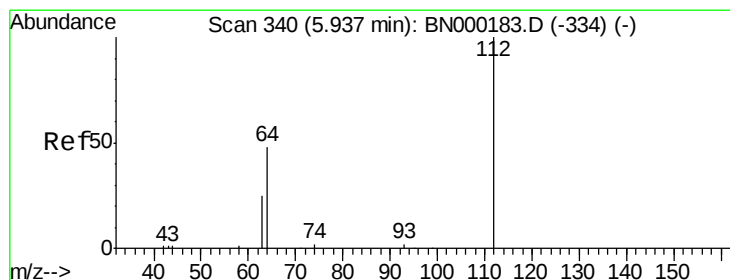
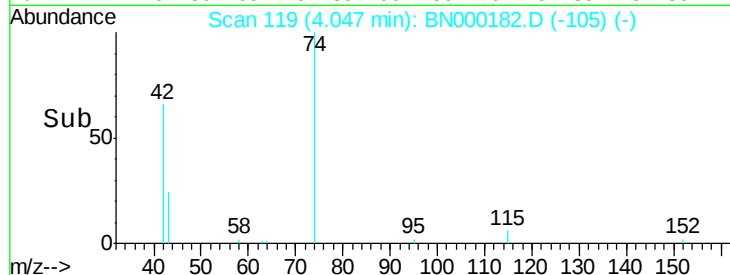
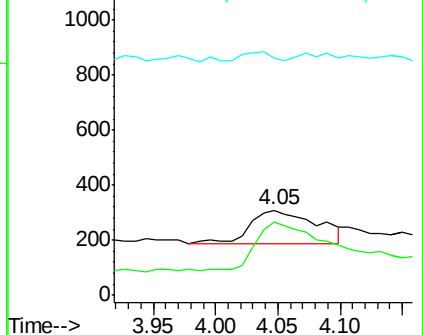
42 100

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

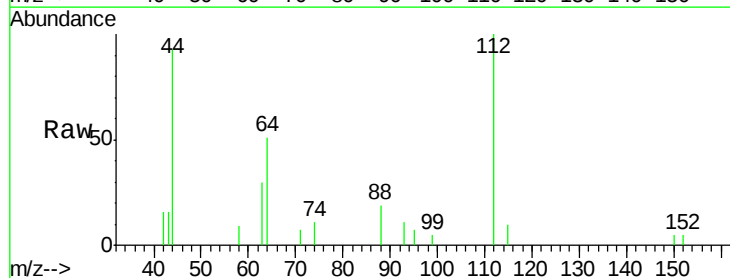
Tgt Ion: 112 Resp: 1953

Ion Ratio Lower Upper

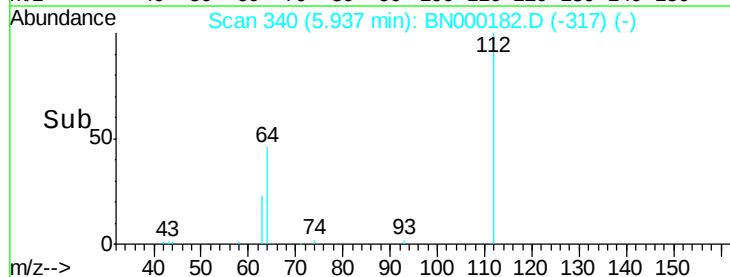
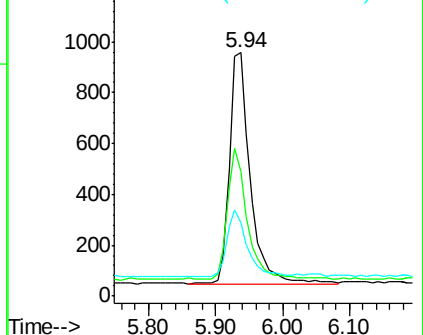
112 100

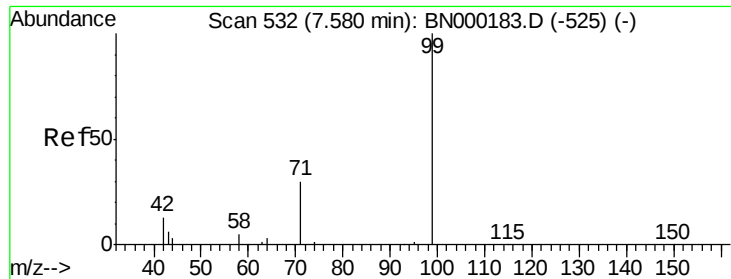
64 52.9 60.1 90.1#

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

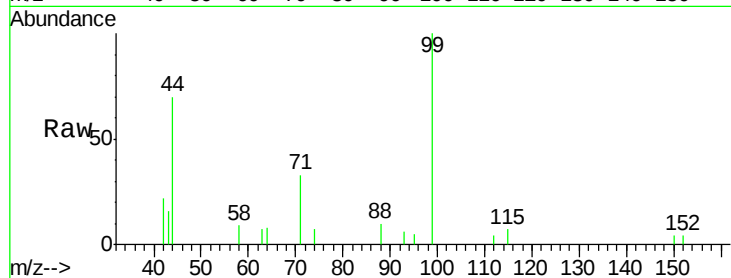
Tgt Ion: 99 Resp: 2441

Ion Ratio Lower Upper

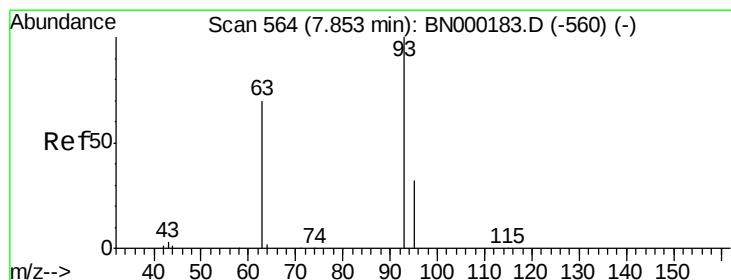
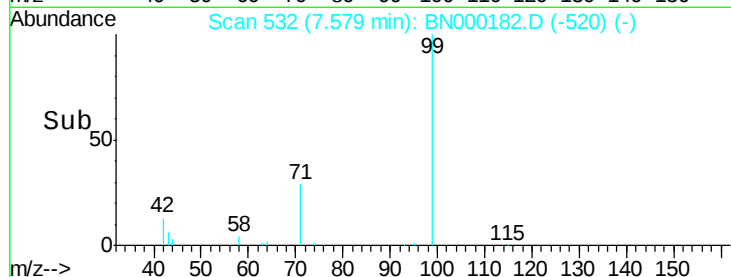
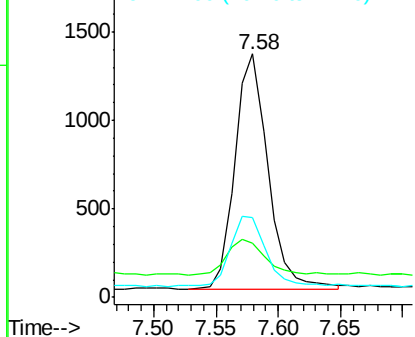
99 100

42 17.6 20.2 30.2#

71 31.8 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#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

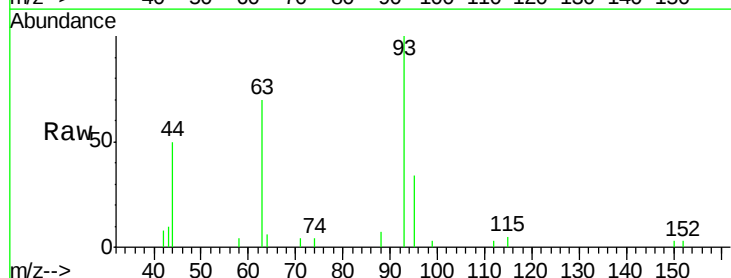
Tgt Ion: 93 Resp: 3191

Ion Ratio Lower Upper

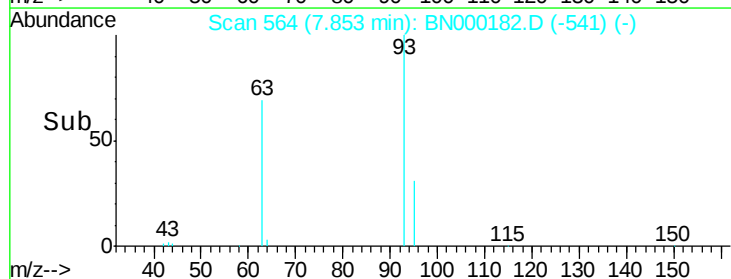
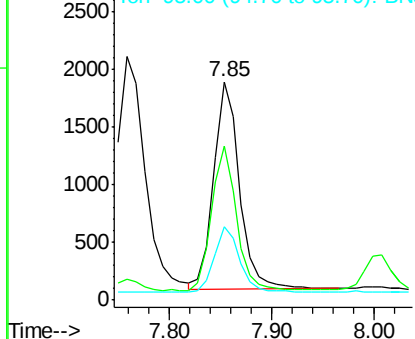
93 100

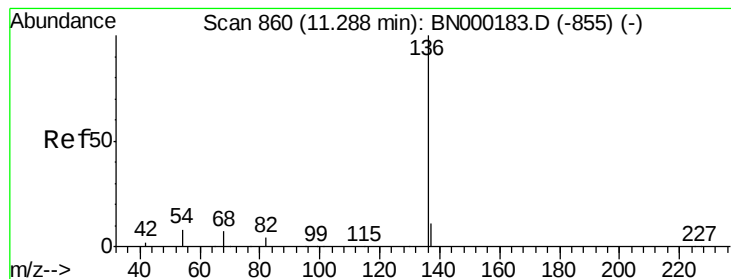
63 67.1 56.0 84.0

95 31.1 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#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

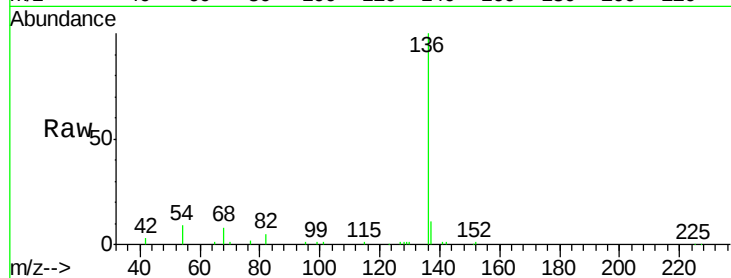
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 9.0 29.1 43.7#

68 8.2 6.2 9.2



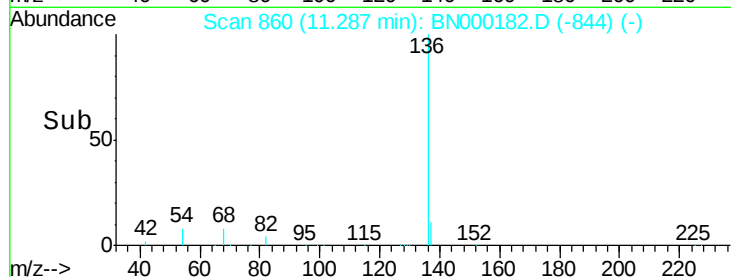
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

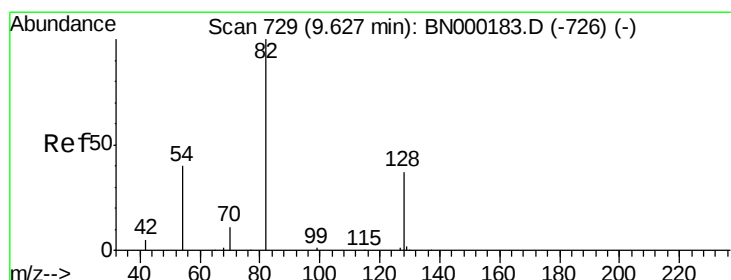
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

Time-->



Time-->



#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

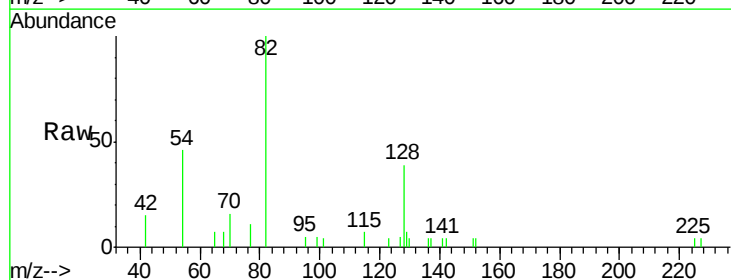
Tgt Ion: 82 Resp: 2060

Ion Ratio Lower Upper

82 100

128 39.5 150.0 225.0#

54 46.5 154.2 231.4#

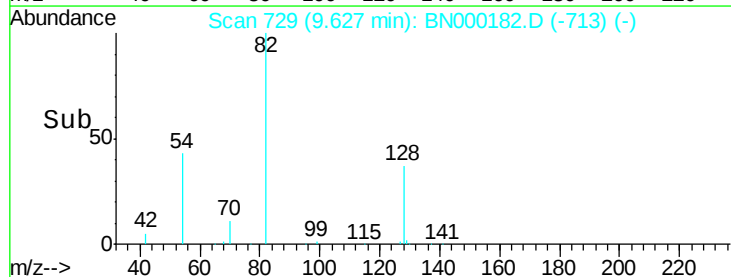


Abundance Ion 82.00 (81.70 to 82.70): BNC

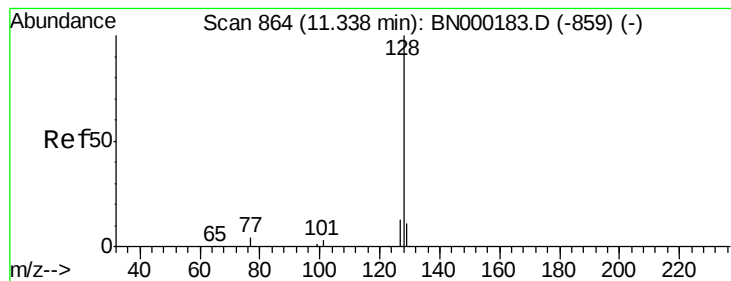
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->



Time-->



#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

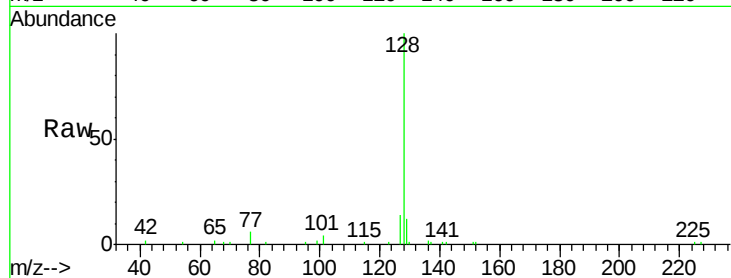
Tgt Ion:128 Resp: 10594

Ion Ratio Lower Upper

128 100

129 11.8 8.0 12.0

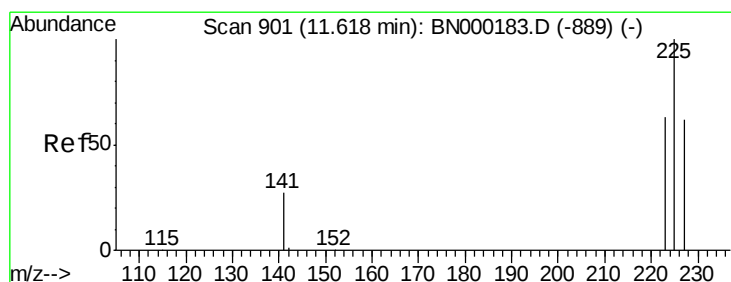
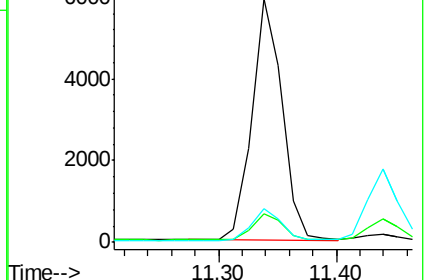
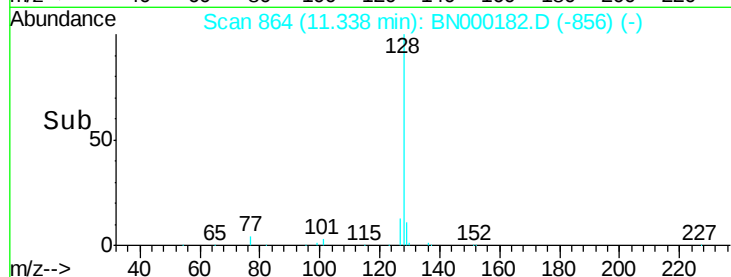
127 13.8 9.6 14.4



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

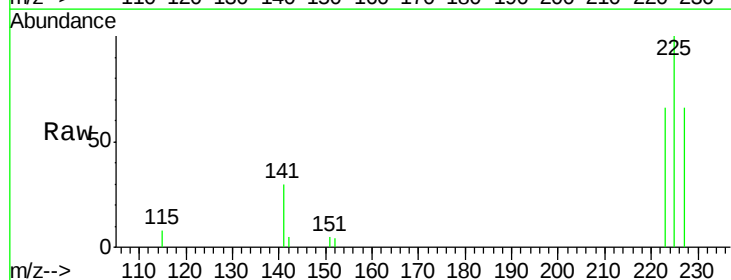
Tgt Ion:225 Resp: 1761

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

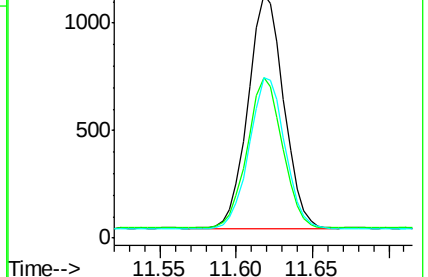
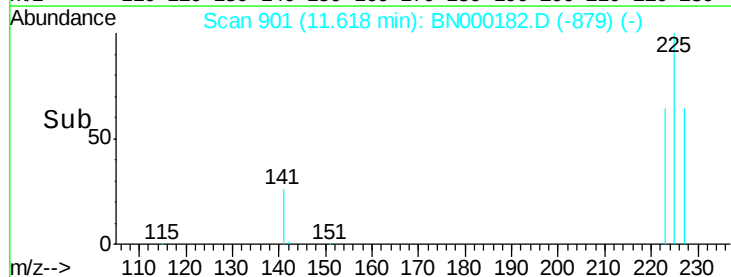
227 64.5 51.4 77.2

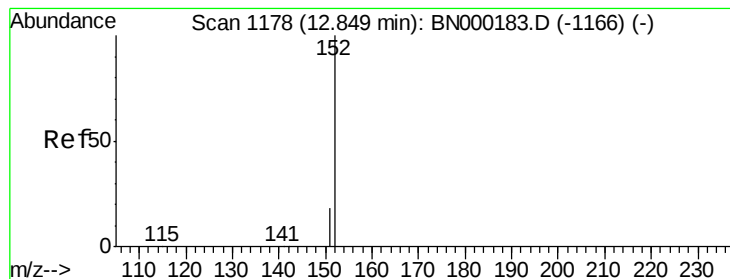


Abundance Ion 225.00 (224.70 to 225.70): E

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 :

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ClientSampleId :

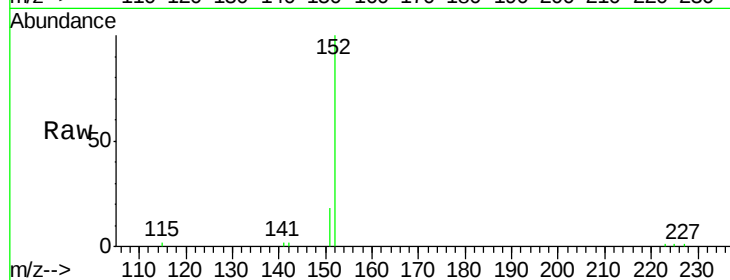
SSTDICC0.2

Tgt Ion:152 Resp: 5368

Ion Ratio Lower Upper

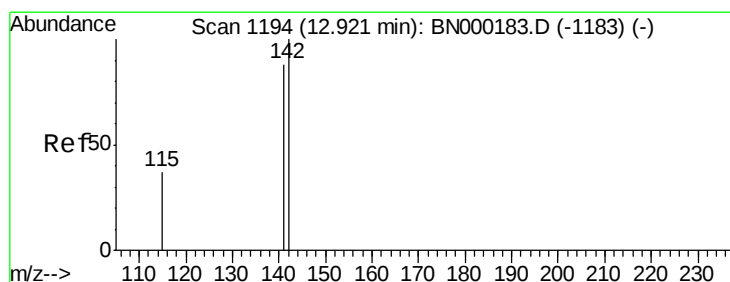
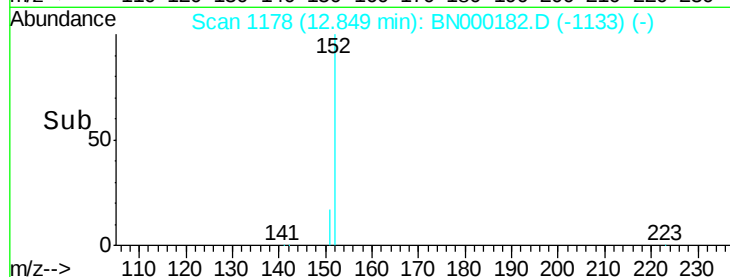
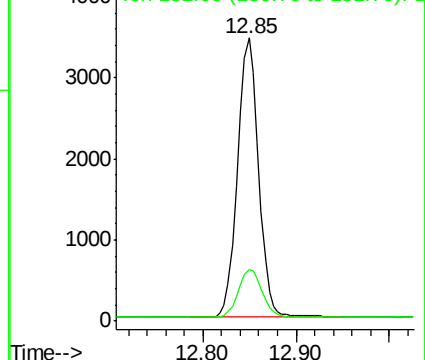
152 100

151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#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

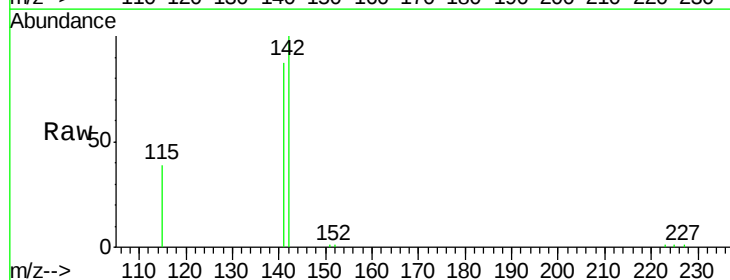
Tgt Ion:142 Resp: 6865

Ion Ratio Lower Upper

142 100

141 86.7 70.4 105.6

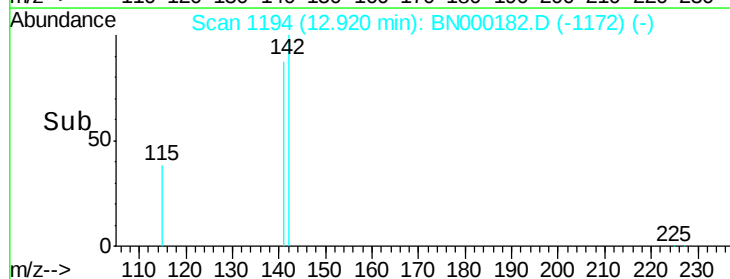
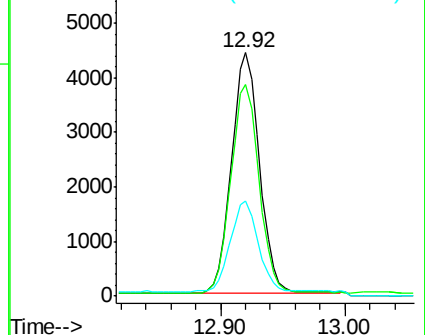
115 39.3 31.7 47.5

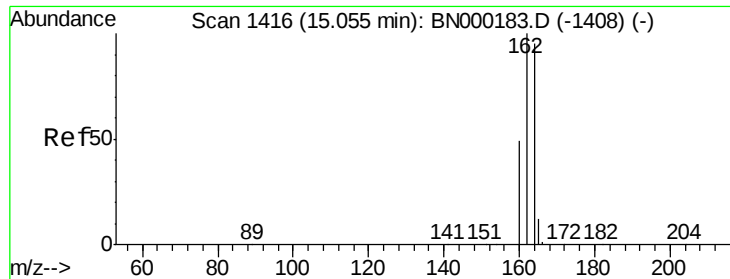


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#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

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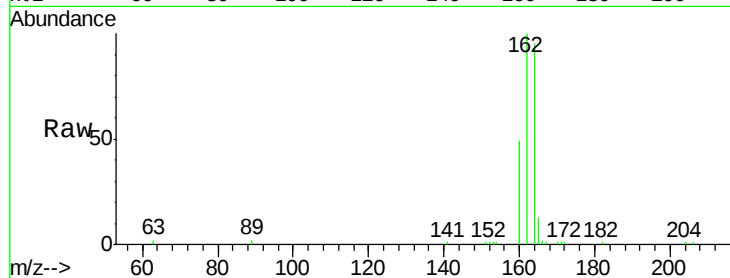
Tgt Ion:164 Resp: 9124

Ion Ratio Lower Upper

164 100

162 105.7 83.1 124.7

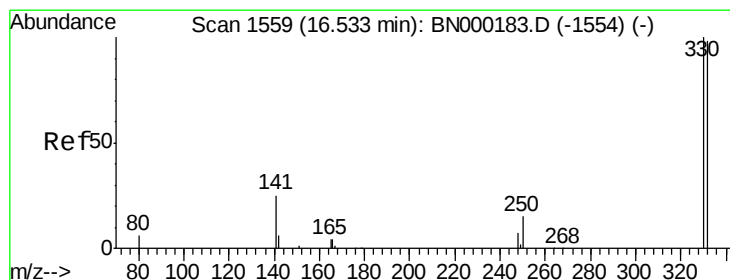
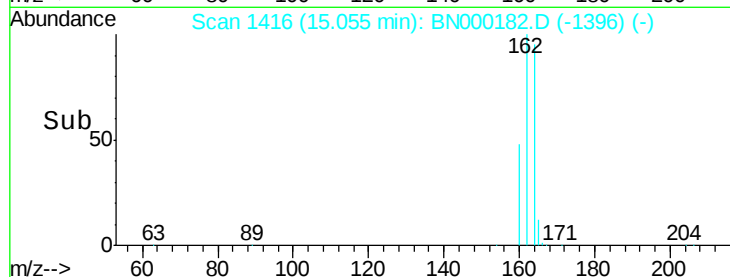
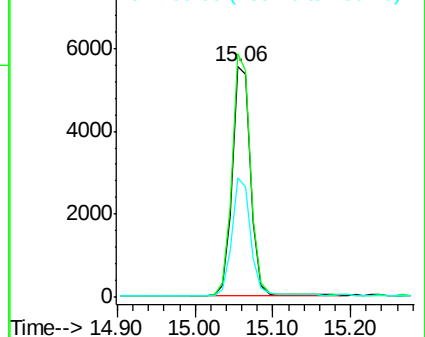
160 51.6 37.1 55.7



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

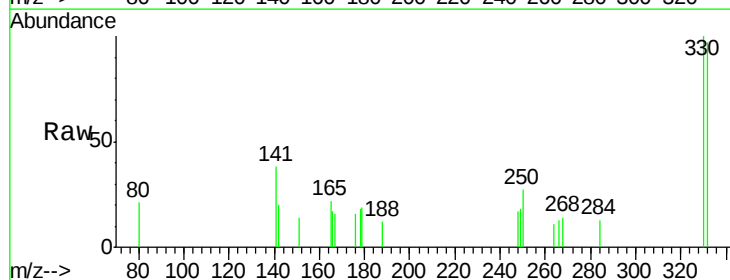
Tgt Ion:330 Resp: 554

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

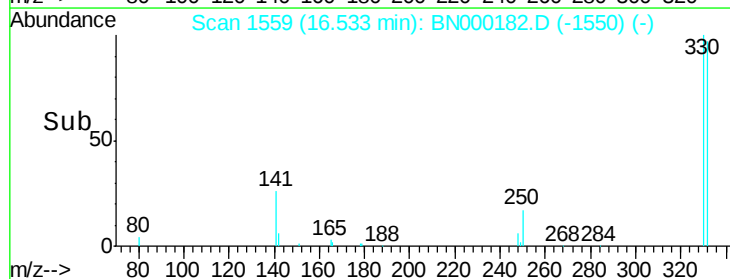
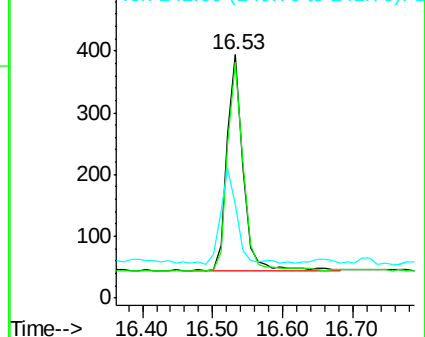
141 43.5 33.7 50.5

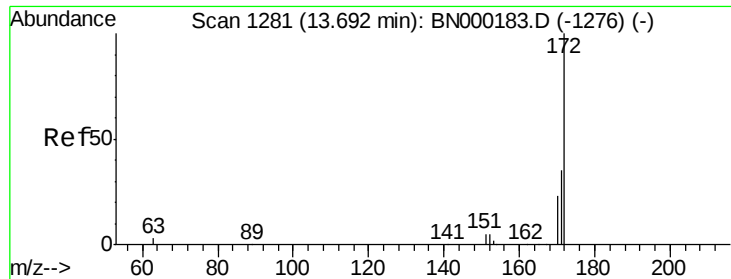


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

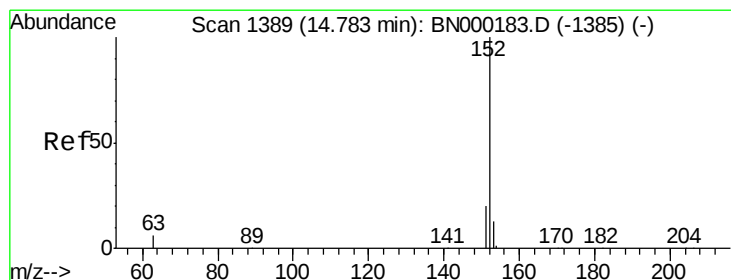
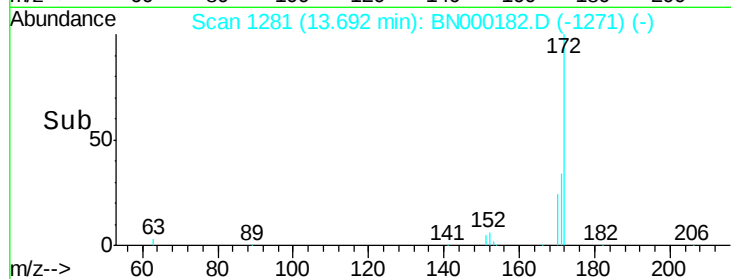
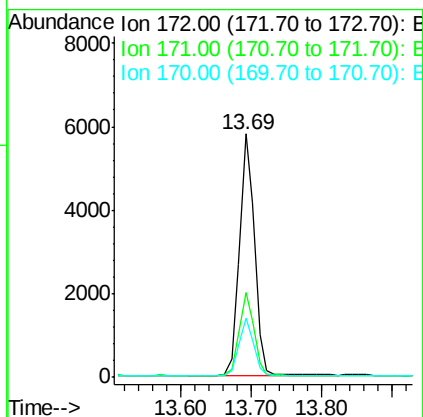
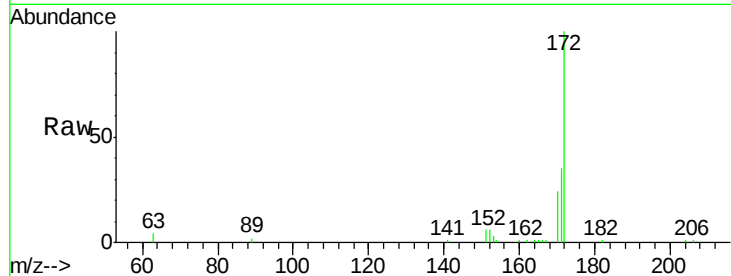




#15
2-Fluorobiphenyl
Concen: 0.200 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000182.D
Acq: 27 Feb 2018 09:50

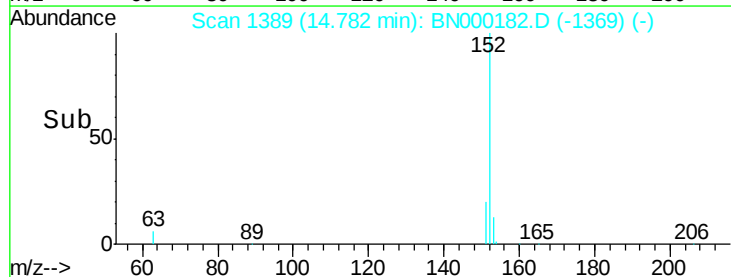
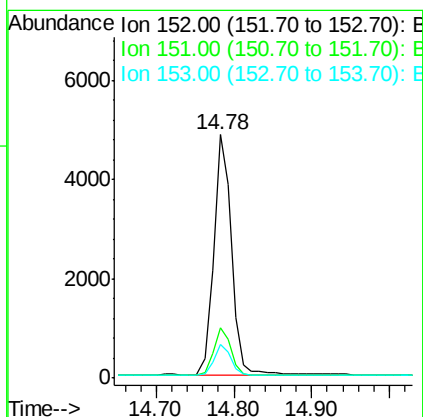
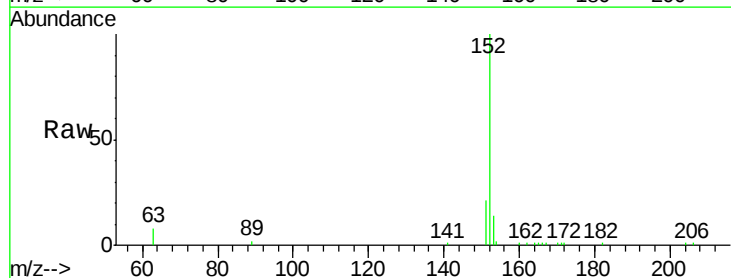
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

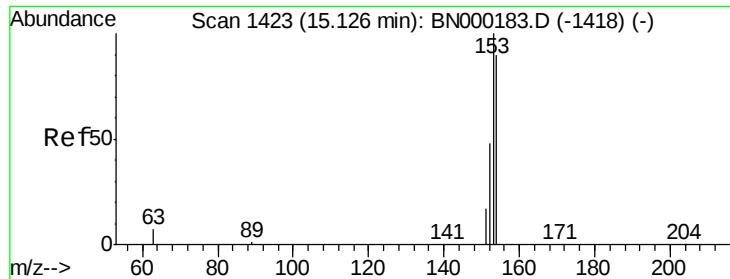
Tgt Ion:172 Resp: 8659
Ion Ratio Lower Upper
172 100
171 34.9 29.9 44.9
170 24.4 21.8 32.8



#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





#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

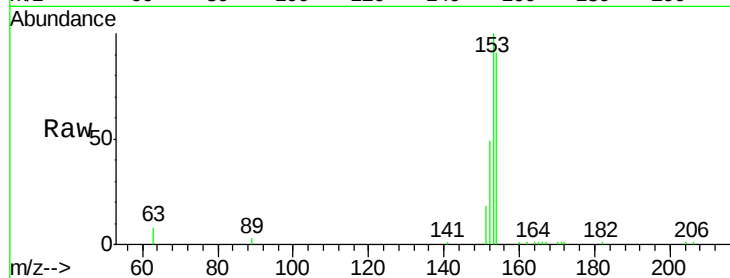
Tgt Ion:154 Resp: 6554

Ion Ratio Lower Upper

154 100

153 114.1 89.2 133.8

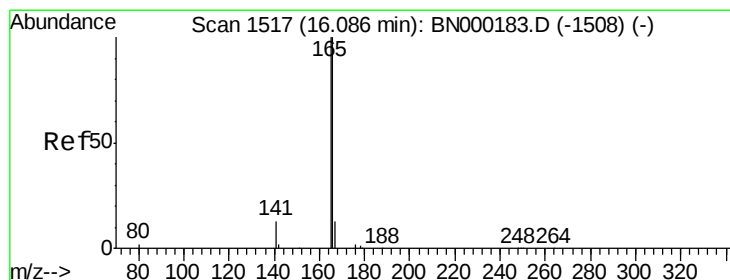
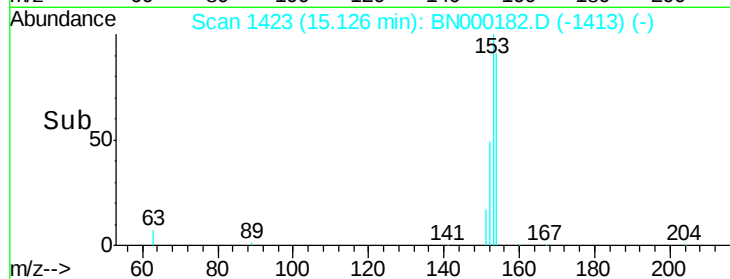
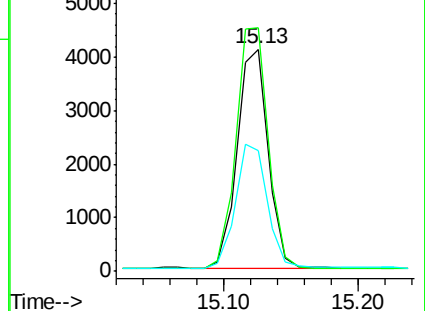
152 57.7 42.0 63.0



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

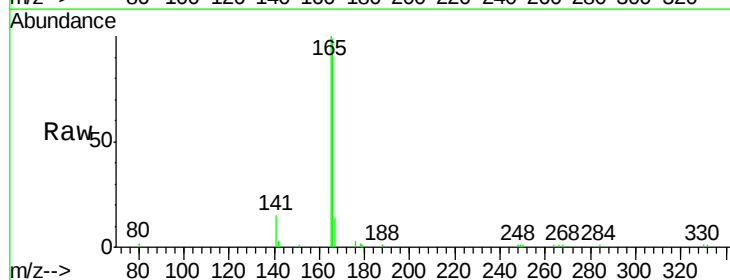
Tgt Ion:166 Resp: 8298

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

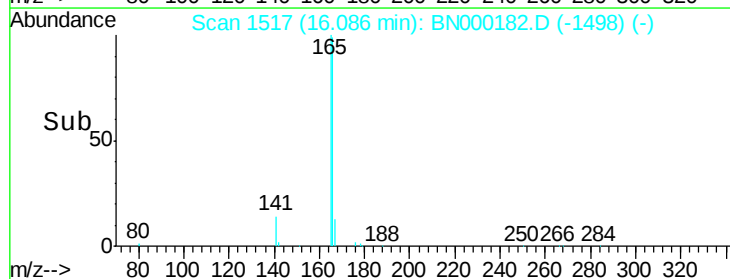
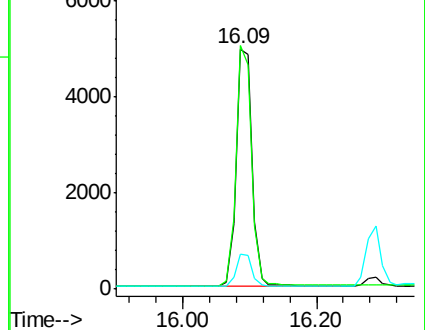
167 13.5 42.4 63.6#

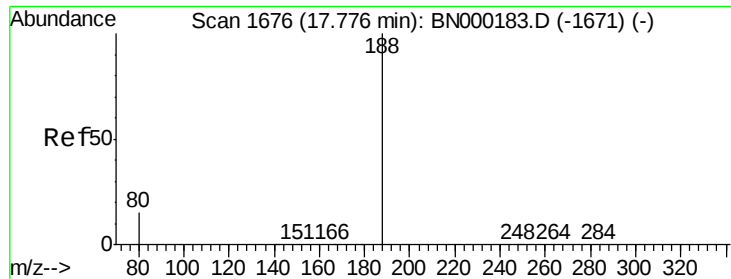


Abundance Ion 166.00 (165.70 to 166.70): E

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

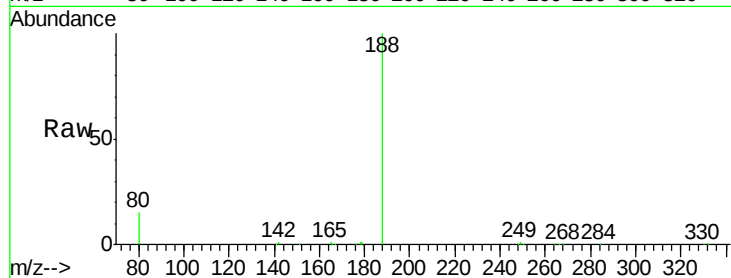
Tgt Ion:188 Resp: 22302

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

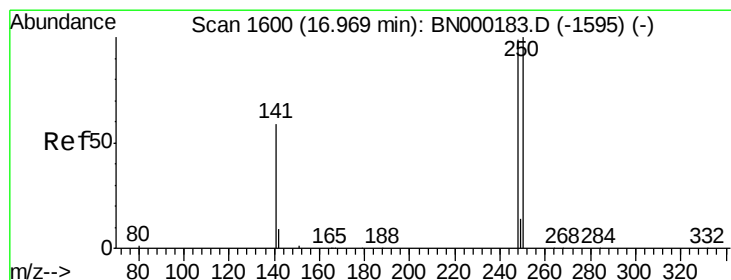
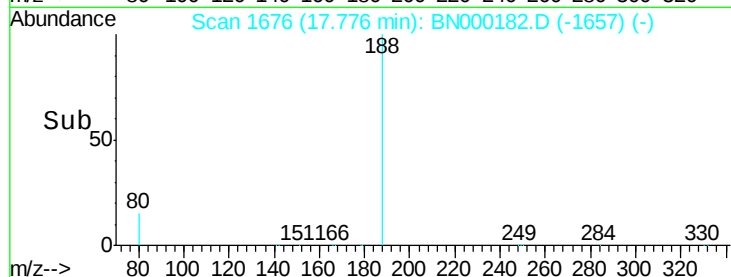
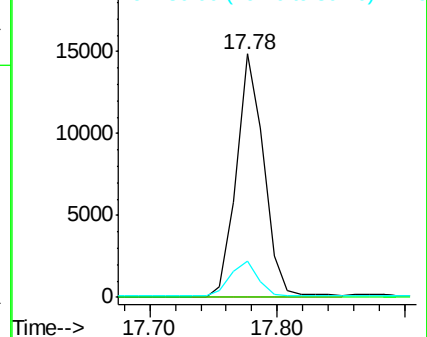
80 14.9 3.6 5.4#



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

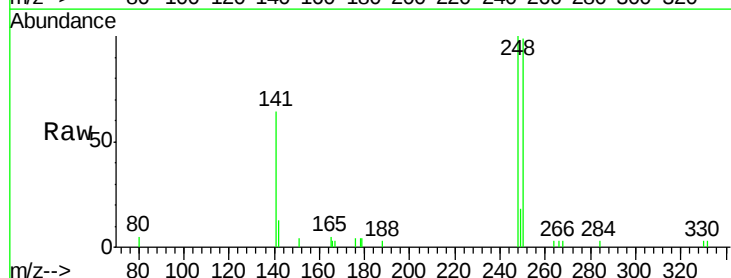
Tgt Ion:248 Resp: 2380

Ion Ratio Lower Upper

248 100

250 98.7 62.7 94.1#

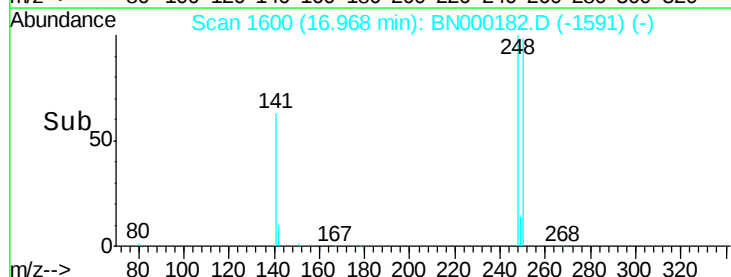
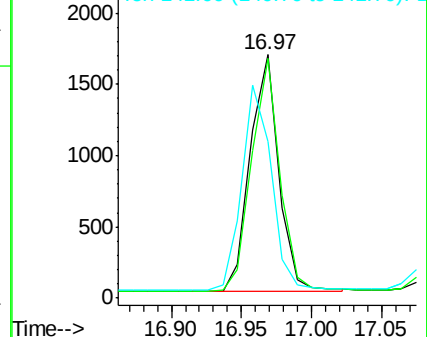
141 64.2 48.2 72.2

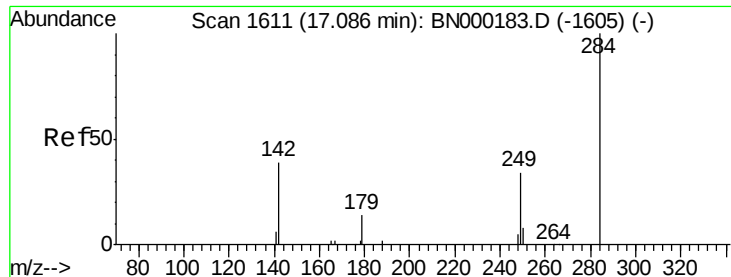


Abundance Ion 248.00 (247.70 to 248.70): E

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 :

SSTDIC0.2

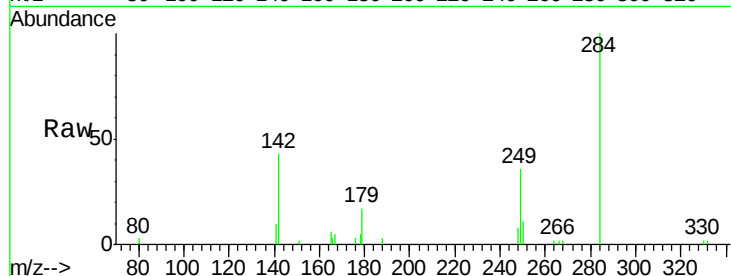
Tgt Ion:284 Resp: 3242

Ion Ratio Lower Upper

284 100

142 43.0 32.0 48.0

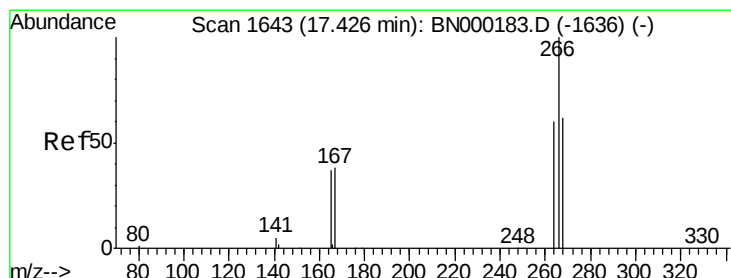
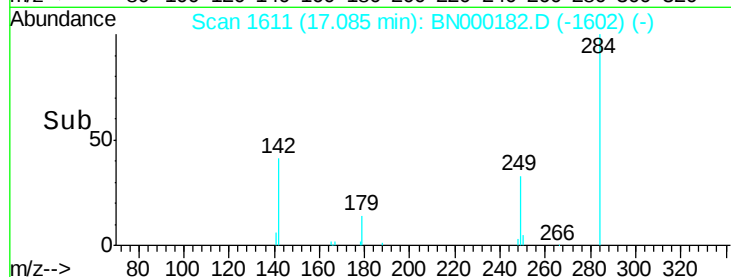
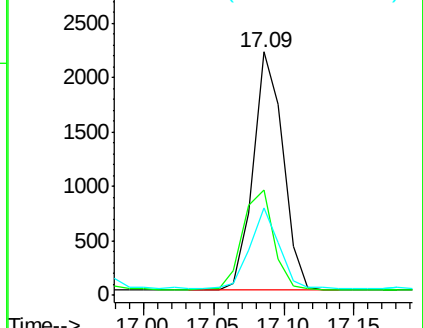
249 32.0 24.0 36.0



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

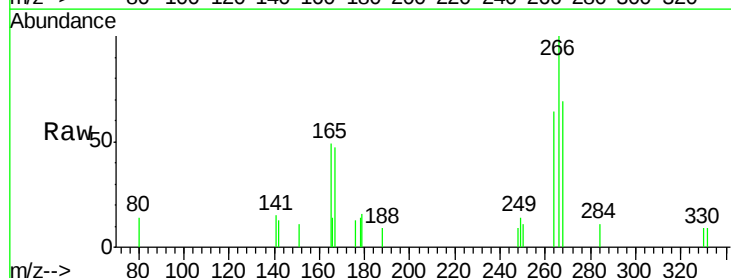
Tgt Ion:266 Resp: 804

Ion Ratio Lower Upper

266 100

264 63.9 48.0 72.0

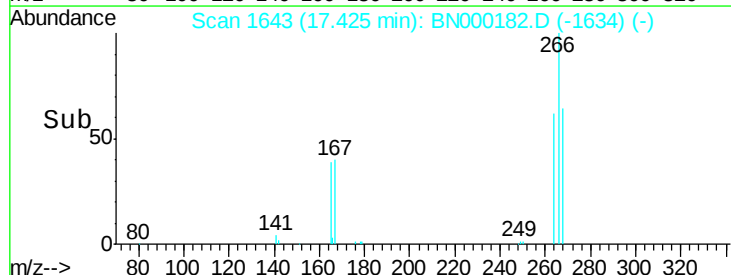
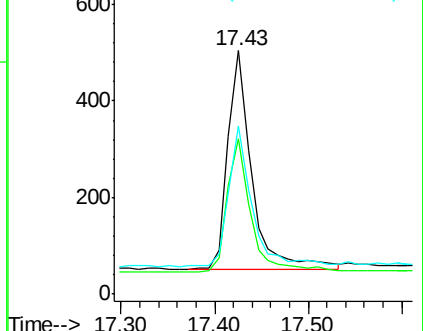
268 68.8 52.0 78.0

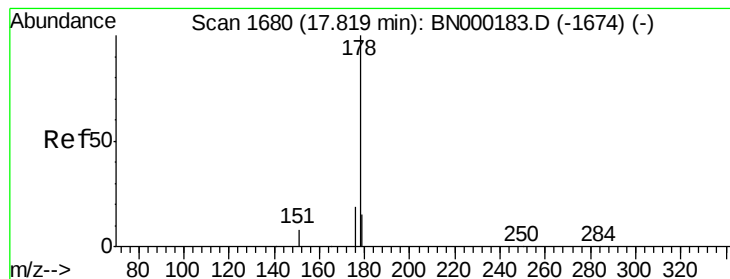


Abundance Ion 266.00 (265.70 to 266.70): E

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

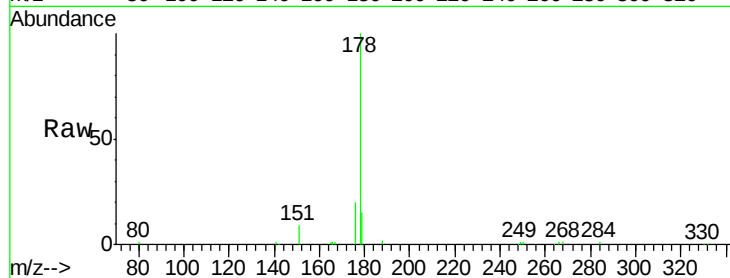
Tgt Ion:178 Resp: 15192

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

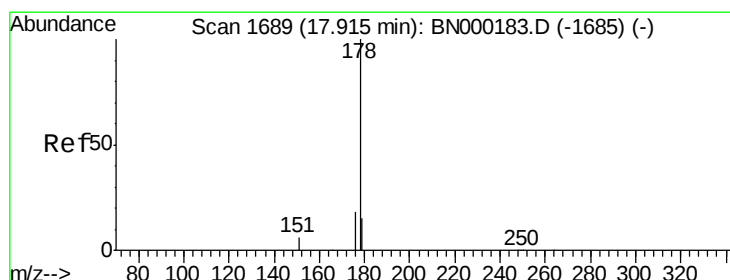
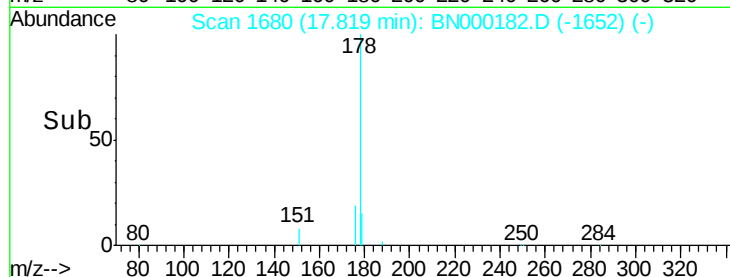
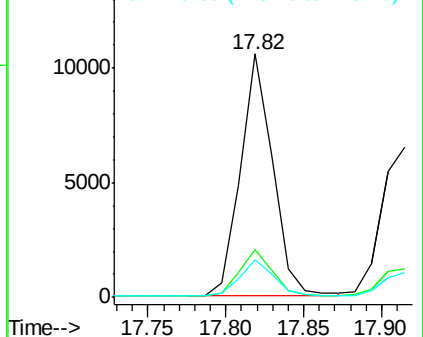
179 15.4 11.8 17.6



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: 0.176 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000182.D

Acq: 27 Feb 2018 09:50

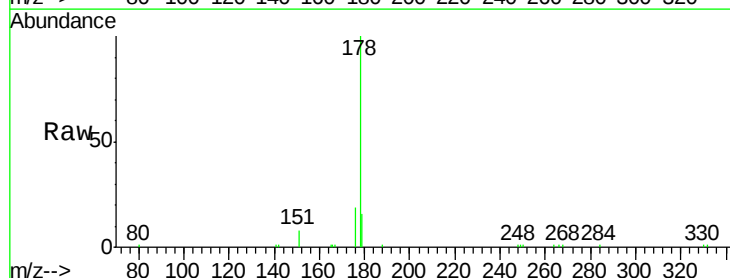
Tgt Ion:178 Resp: 10786

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

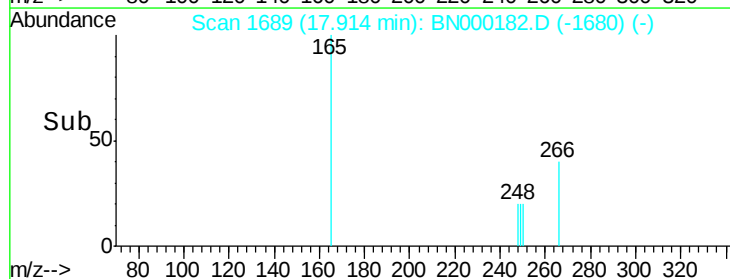
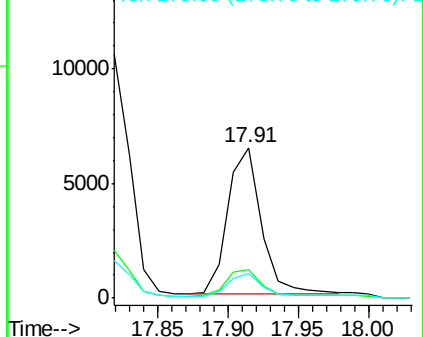
179 15.0 13.0 19.6

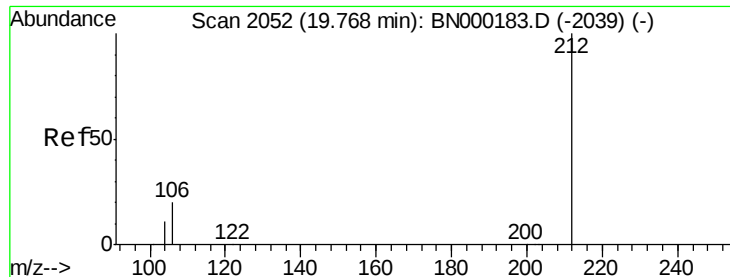


Abundance Ion 178.00 (177.70 to 178.70): E

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

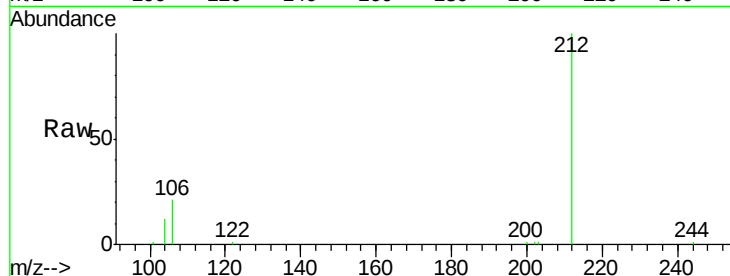
Tgt Ion:212 Resp: 11349

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

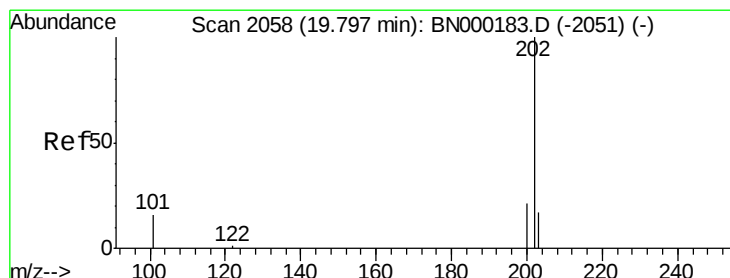
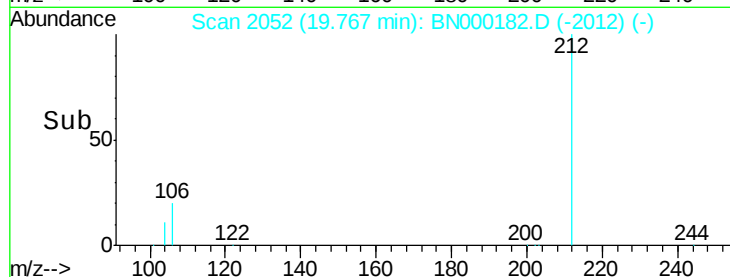
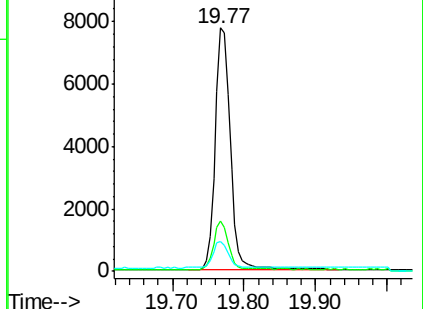
104 10.7 1.6 2.4#



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

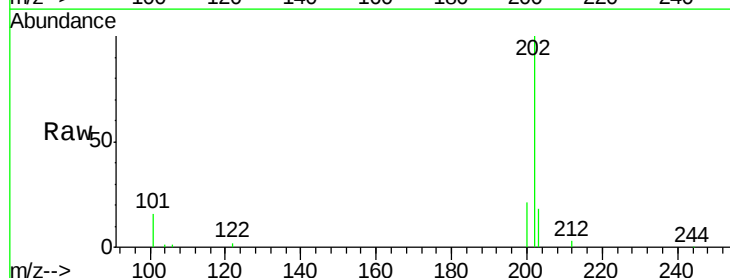
Tgt Ion:202 Resp: 14841

Ion Ratio Lower Upper

202 100

101 15.6 9.8 14.8#

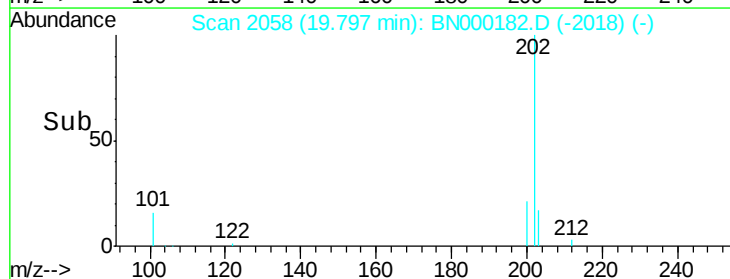
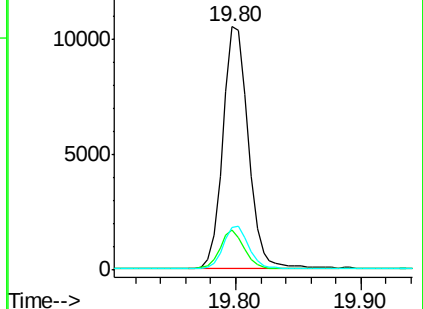
203 17.1 13.7 20.5

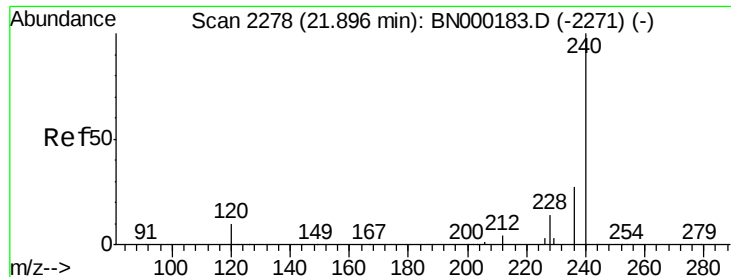


Abundance Ion 202.00 (201.70 to 202.70): E

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

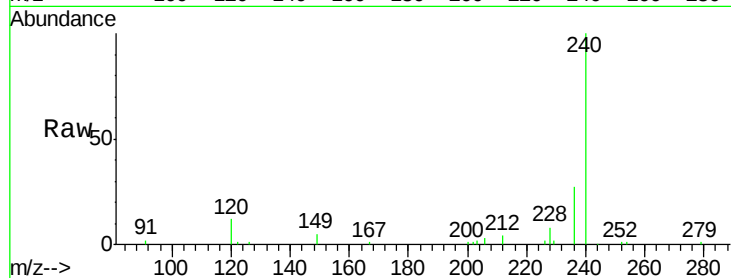
Tgt Ion:240 Resp: 19841

Ion Ratio Lower Upper

240 100

120 12.0 5.5 8.3#

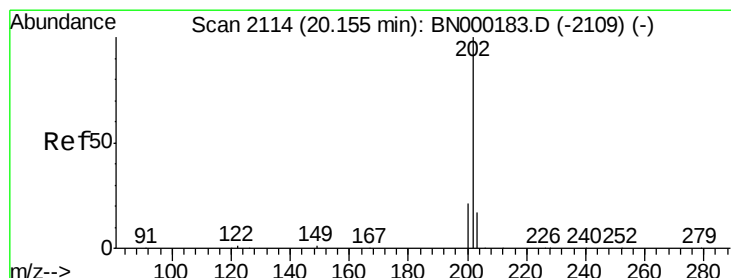
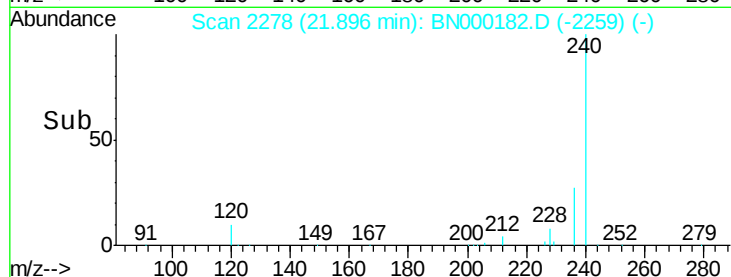
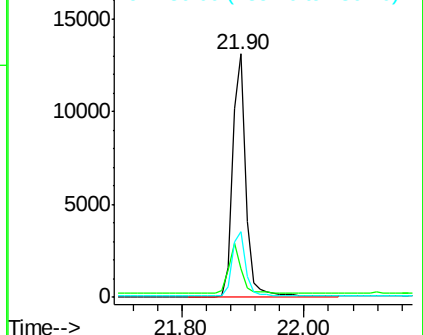
236 27.1 20.7 31.1



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

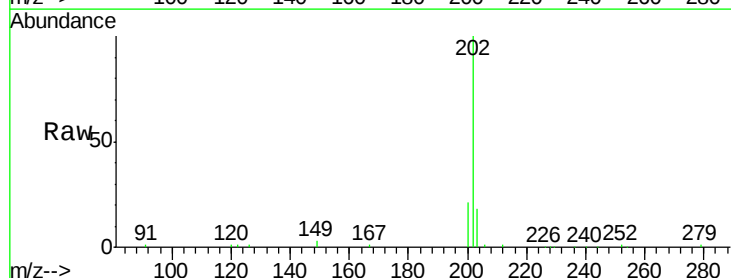
Tgt Ion:202 Resp: 15589

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

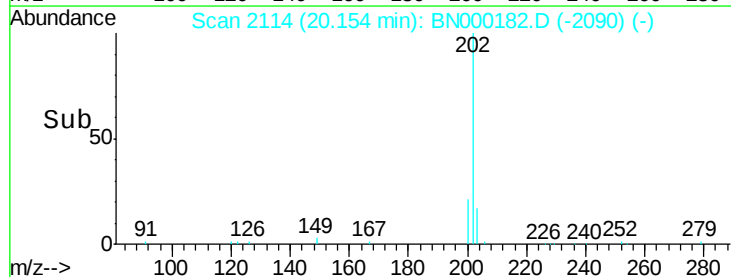
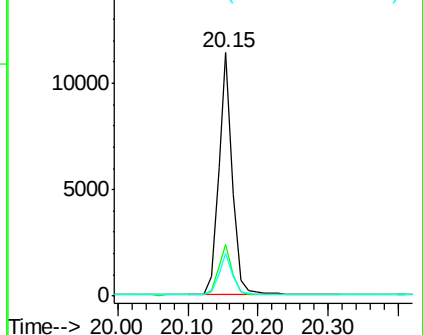
203 17.5 13.8 20.8

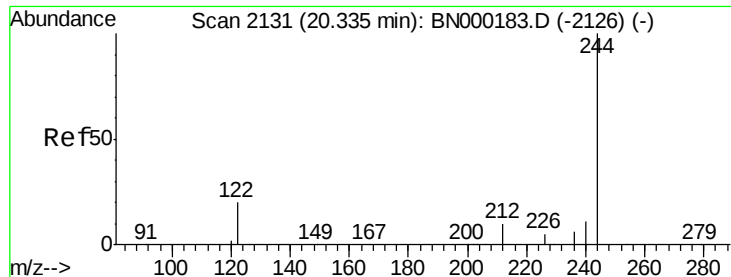


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

SSTDIC0.2

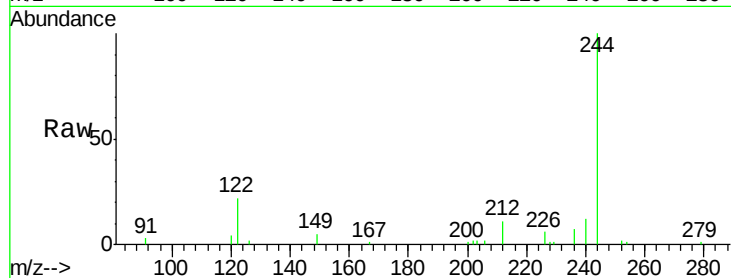
Tgt Ion:244 Resp: 6939

Ion Ratio Lower Upper

244 100

212 11.5 25.4 38.0#

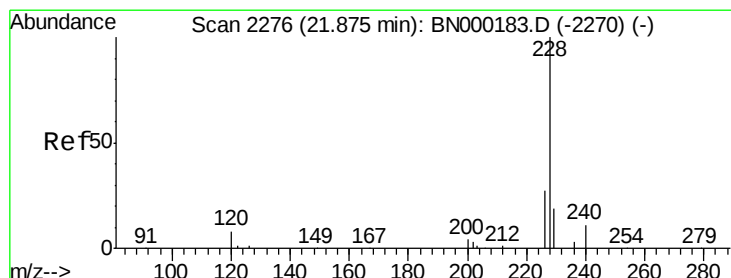
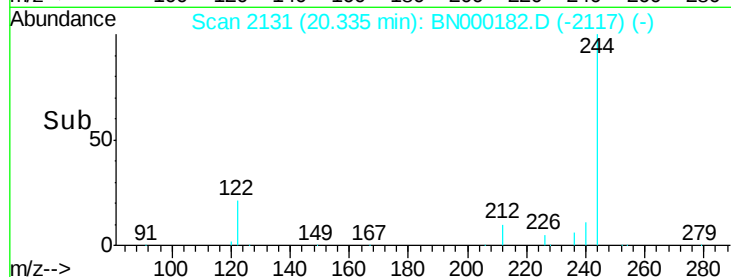
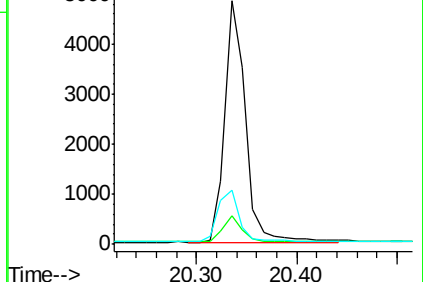
122 22.1 8.1 12.1#



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

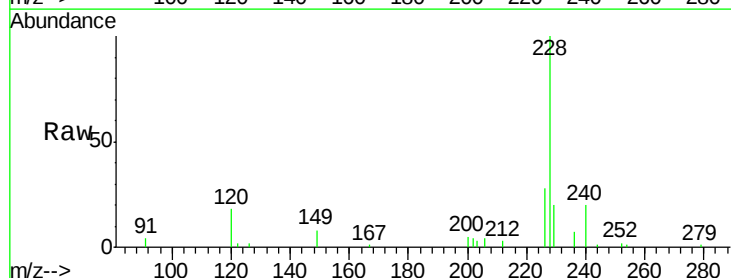
Tgt Ion:228 Resp: 11803

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

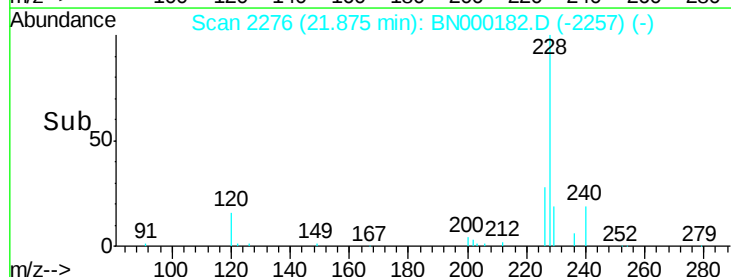
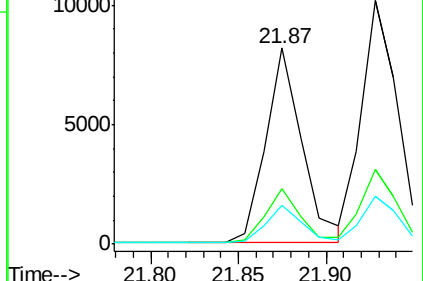
229 19.9 16.0 24.0

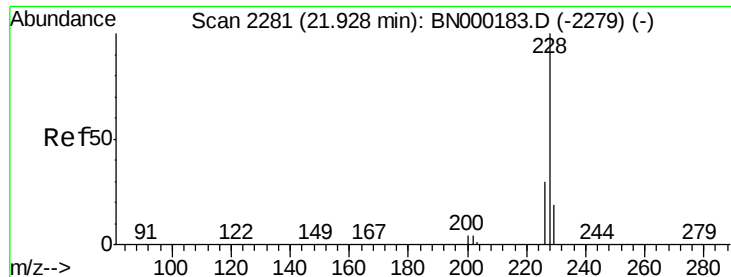


Abundance Ion 228.00 (227.70 to 228.70): E

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

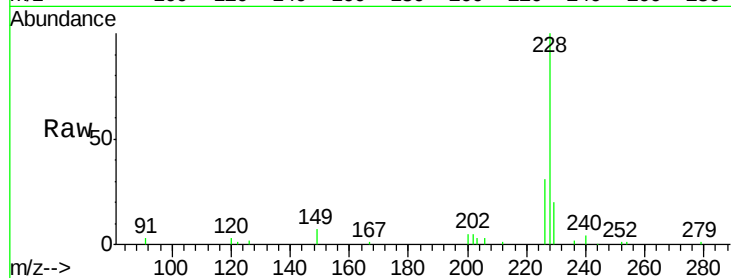
Tgt Ion:228 Resp: 14674

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

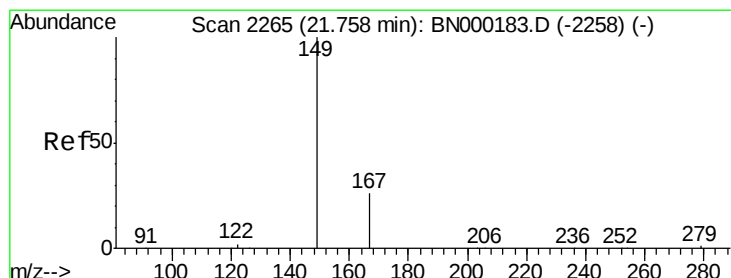
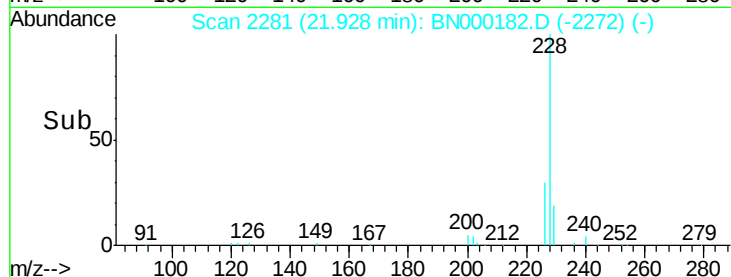
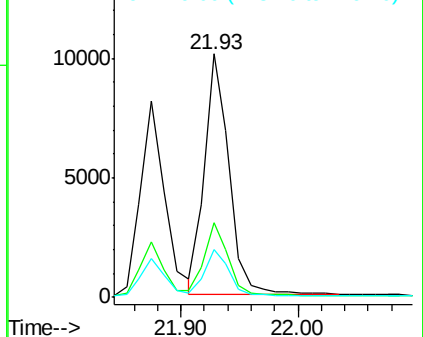
229 19.6 16.0 24.0



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

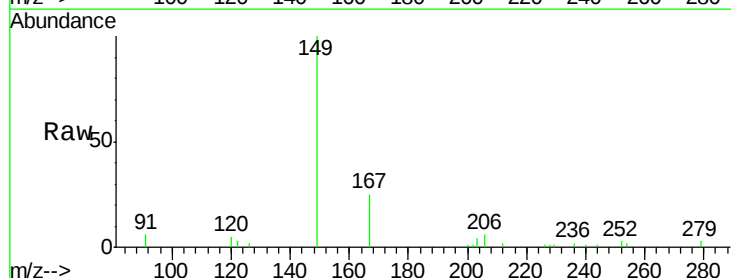
Tgt Ion:149 Resp: 4585

Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

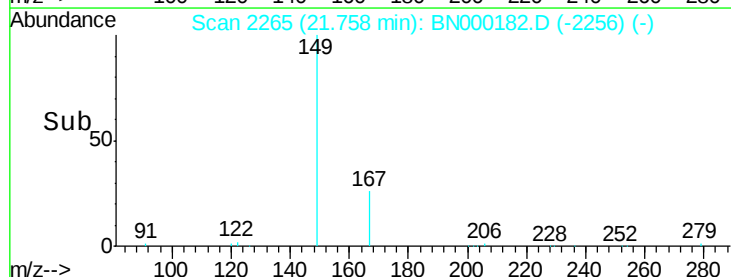
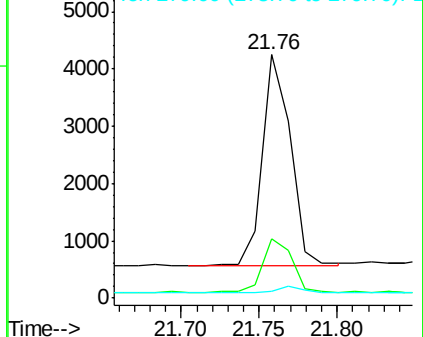
279 2.5 1.6 2.4#

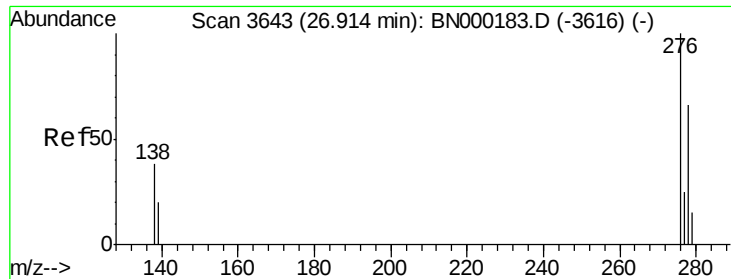


Abundance Ion 149.00 (148.70 to 149.70): E

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

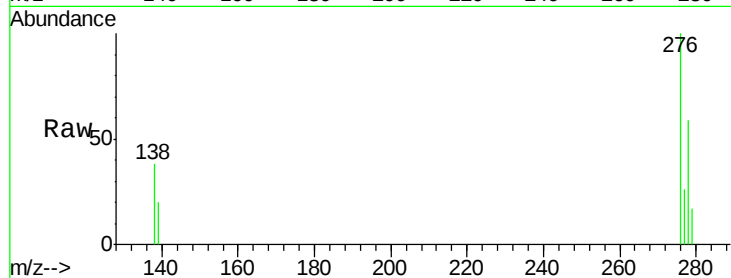
Tgt Ion:276 Resp: 13059

Ion Ratio Lower Upper

276 100

138 38.3 22.5 33.7#

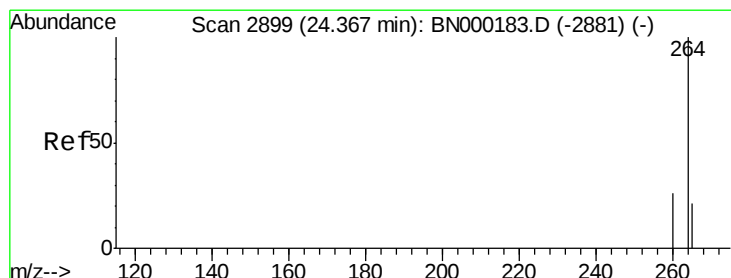
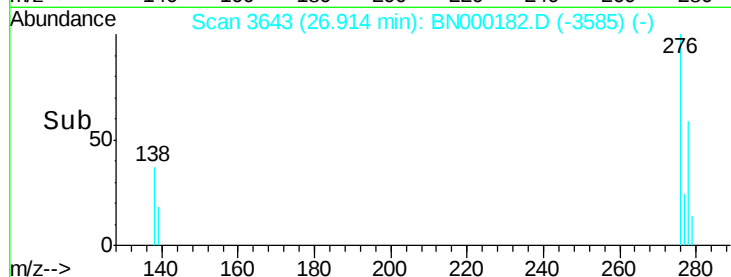
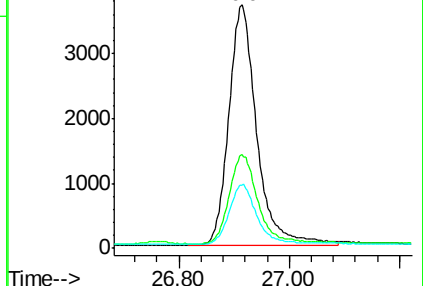
277 24.5 19.9 29.9



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

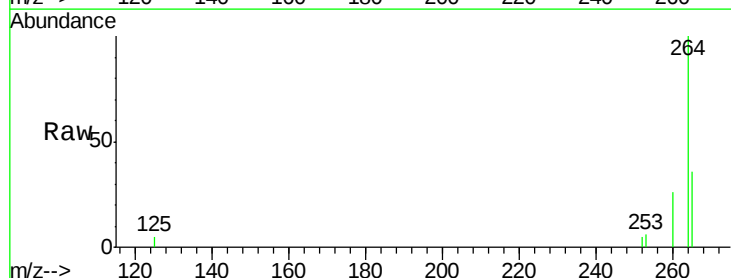
Tgt Ion:264 Resp: 16687

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

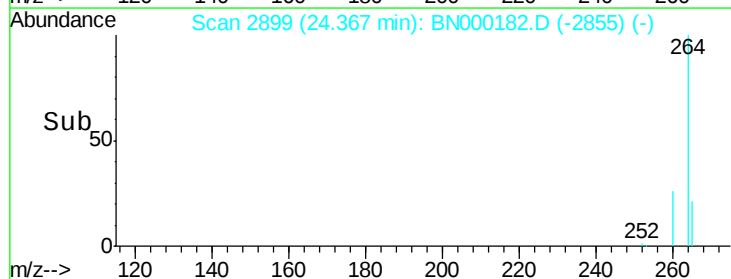
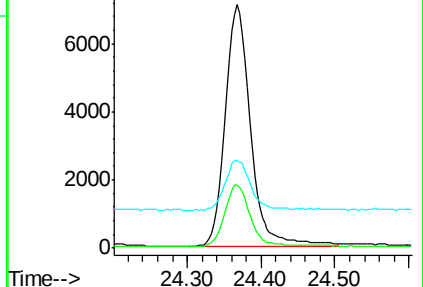
265 36.1 22.8 34.2#

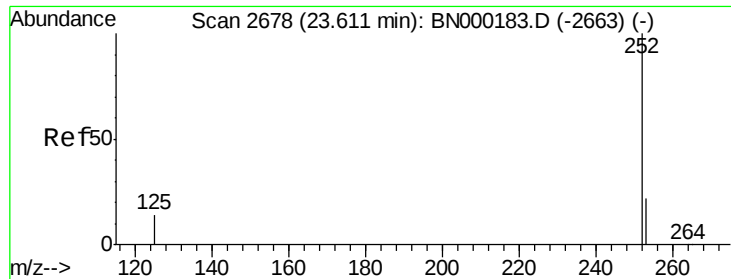


Abundance Ion 264.00 (263.70 to 264.70): E

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

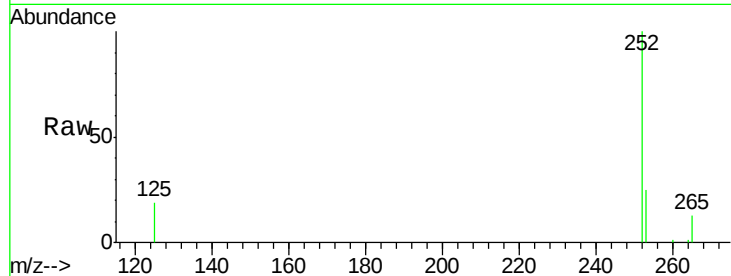
Tgt Ion:252 Resp: 15104

Ion Ratio Lower Upper

252 100

253 25.1 20.0 30.0

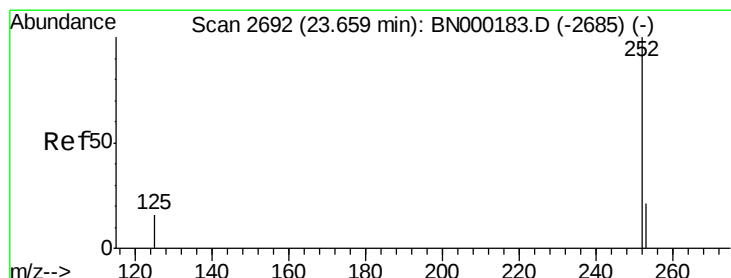
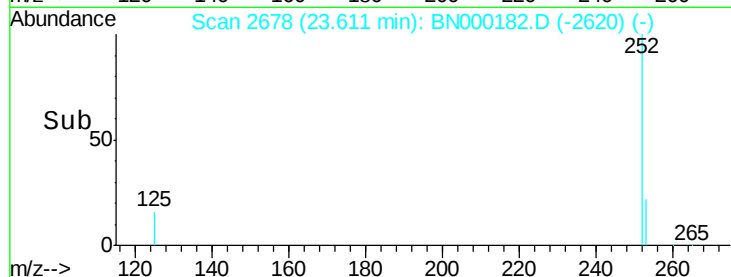
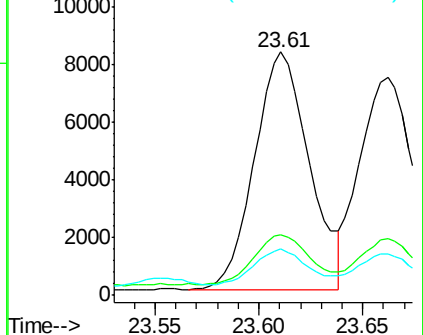
125 19.0 16.0 24.0



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

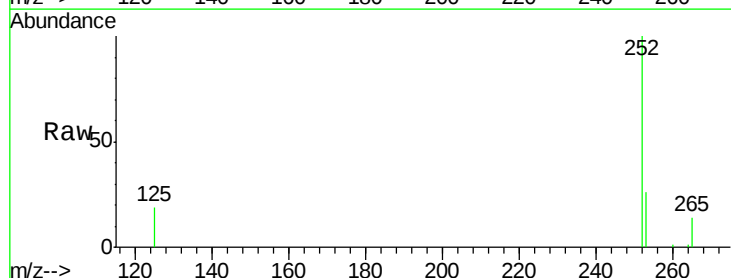
Tgt Ion:252 Resp: 14114

Ion Ratio Lower Upper

252 100

253 26.1 16.0 24.0#

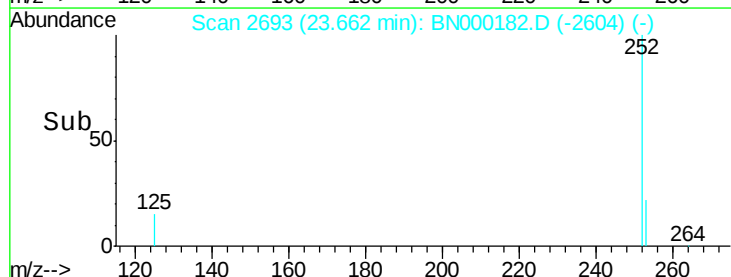
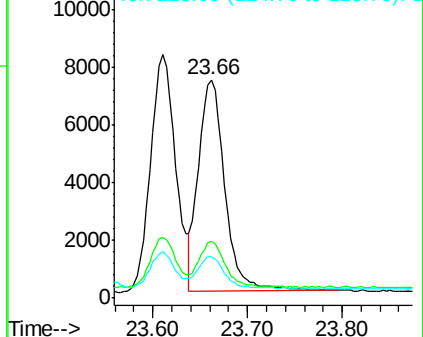
125 19.0 8.0 12.0#

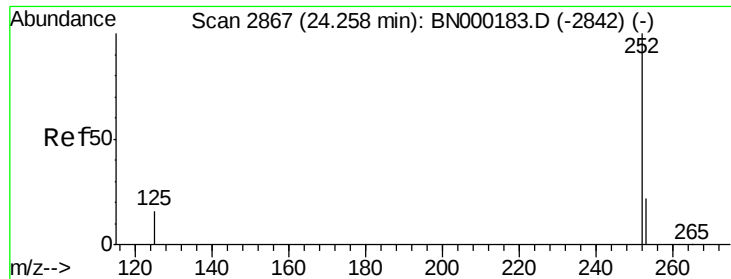


Abundance Ion 252.00 (251.70 to 252.70): E

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

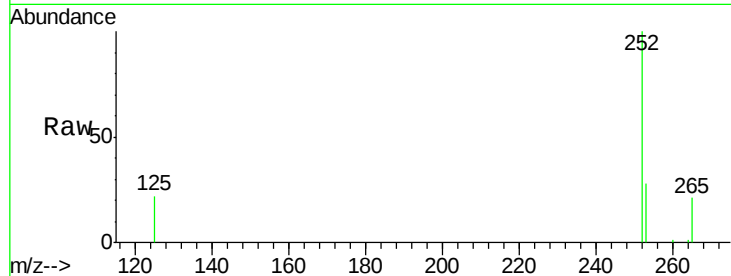
Tgt Ion:252 Resp: 11563

Ion Ratio Lower Upper

252 100

253 28.0 16.0 24.0#

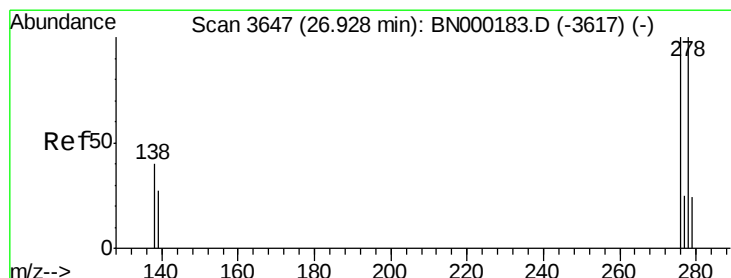
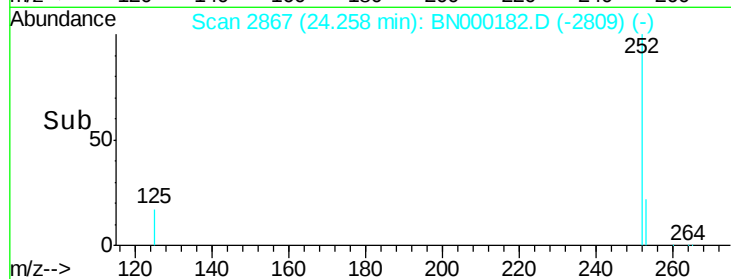
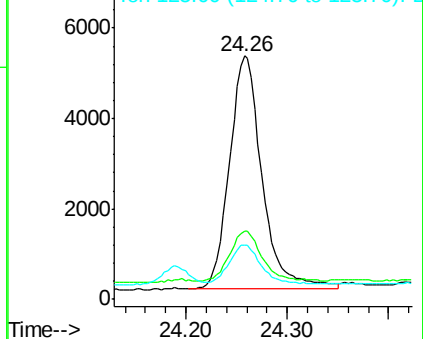
125 22.4 12.0 18.0#



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

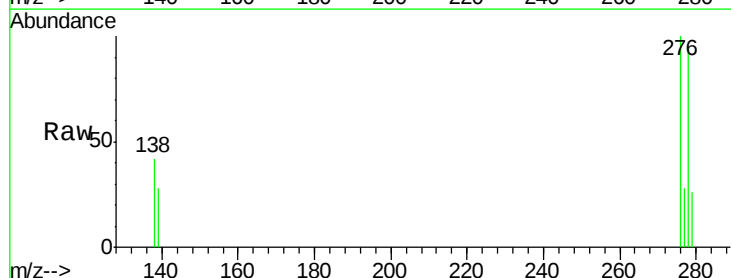
Tgt Ion:278 Resp: 9866

Ion Ratio Lower Upper

278 100

139 30.4 16.0 24.0#

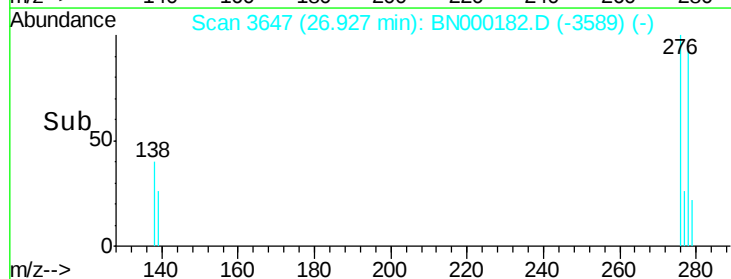
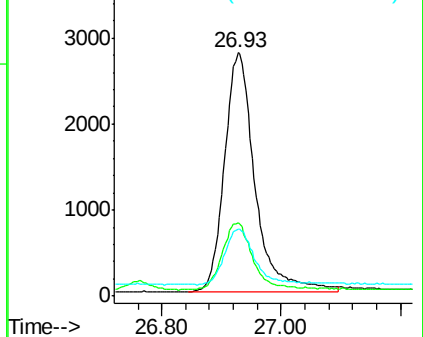
279 27.8 20.0 30.0

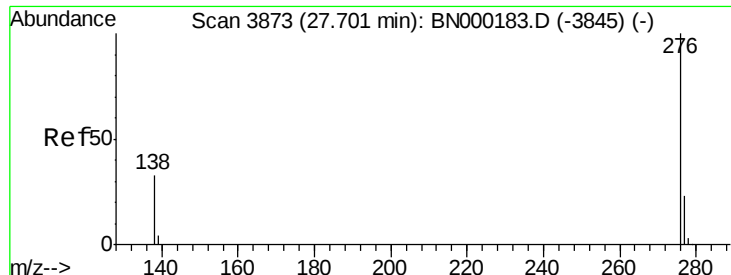


Abundance Ion 278.00 (277.70 to 278.70): E

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

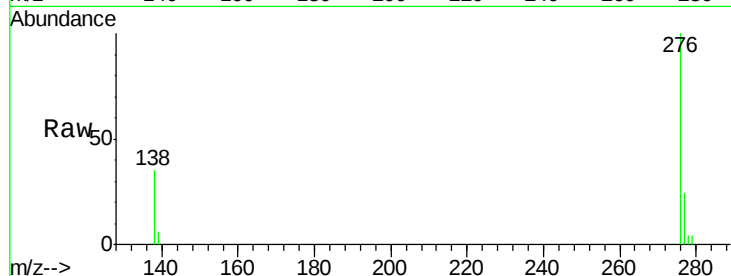
Acq: 27 Feb 2018 09:50

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2



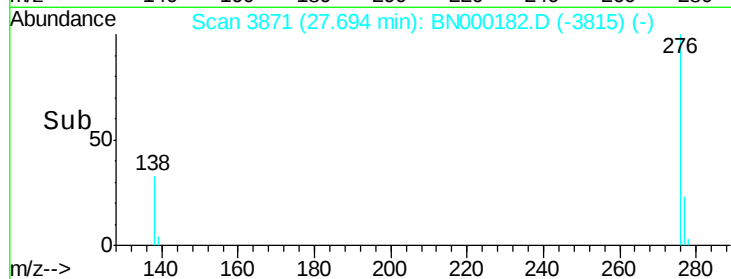
Tgt Ion: 276 Resp: 12702

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

