

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
 Data File : BN002183.D
 Acq On : 30 Jul 2018 12:47
 Operator : JU/SJ
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Quant Time: Jul 30 14:15:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 14:09:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3605	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	14347	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	8427	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	20522	0.40	ng	0.00
27) Chrysene-d12	21.27	240	20992	0.40	ng	0.00
34) Perylene-d12	23.50	264	17034	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	3192	0.42	ng	0.00
5) Phenol-d6	6.88	99	3804	0.39	ng	0.00
8) Nitrobenzene-d5	8.84	82	4228	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	8193	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1409	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	12232	0.31	ng	0.00
25) Fluoranthene-d10	19.11	212	20646	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	16649	0.45	ng	0.00

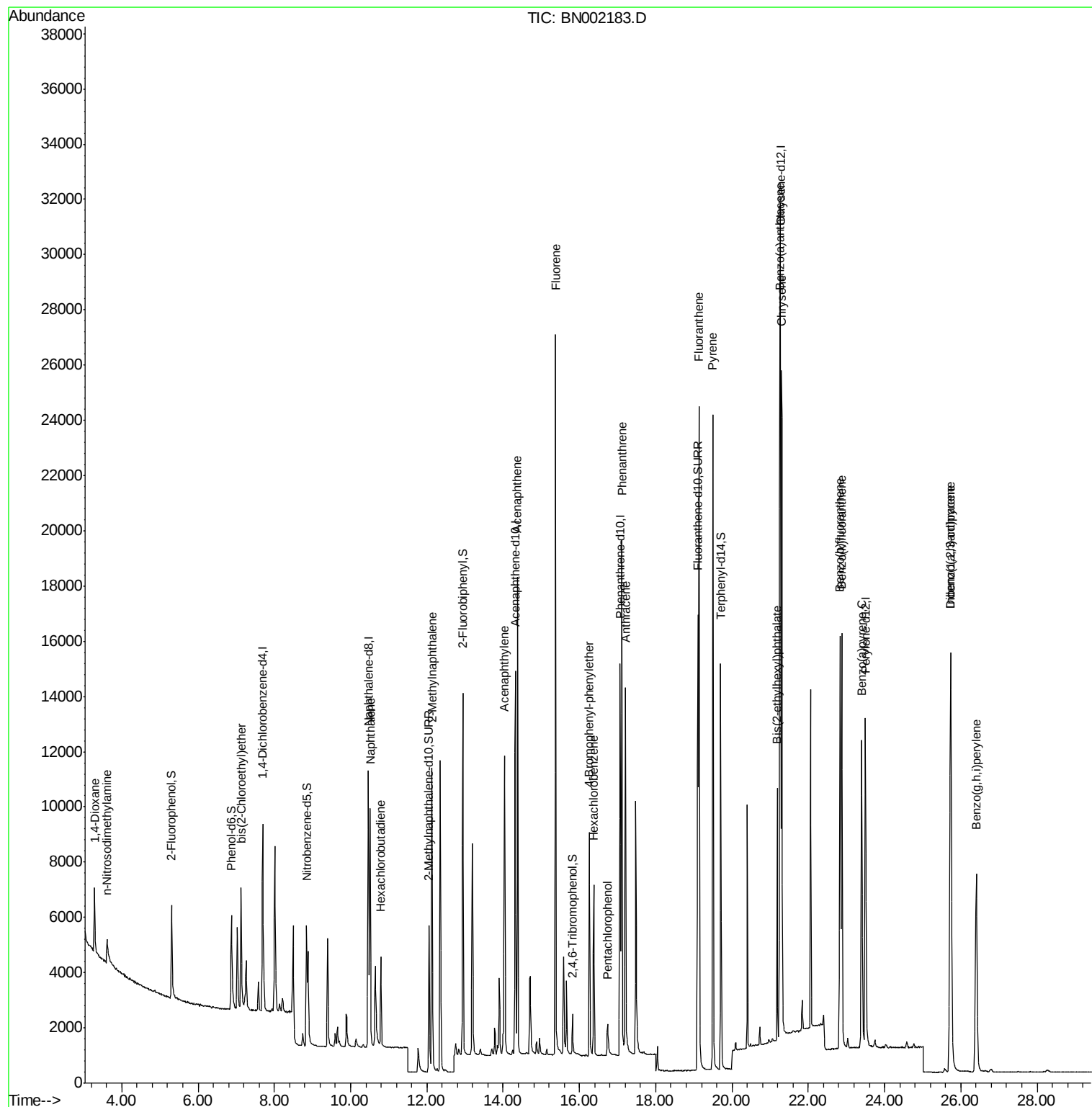
Target Compounds					Qvalue
2) 1,4-Dioxane	3.29	88	1463	0.392 ng	99
3) n-Nitrosodimethylamine	3.61	42	968	0.381 ng	99
6) bis(2-Chloroethyl)ether	7.13	93	3913	0.318 ng	91
9) Naphthalene	10.52	128	12691	0.303 ng	96
10) Hexachlorobutadiene	10.80	225	2745	0.386 ng	# 55
12) 2-Methylnaphthalene	12.13	142	8652	0.315 ng	97
16) Acenaphthylene	14.03	152	13695	0.345 ng	100
17) Acenaphthene	14.38	154	8892	0.284 ng	96
18) Fluorene	15.37	166	11304	0.289 ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	4276	0.362 ng	# 80
21) Hexachlorobenzene	16.38	284	4818	0.305 ng	95
22) Pentachlorophenol	16.74	266	896	0.212 ng	94
23) Phenanthrene	17.11	178	19634	0.272 ng	99
24) Anthracene	17.21	178	16032	0.293 ng	96
26) Fluoranthene	19.14	202	22842	0.305 ng	97
28) Pyrene	19.50	202	23235	0.282 ng	100
30) Benzo(a)anthracene	21.26	228	20253	0.306 ng	95
31) Chrysene	21.30	228	22800	0.295 ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	9498	0.386 ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.73	276	18861	0.261 ng	94
35) Benzo(b)fluoranthene	22.83	252	19815	0.255 ng	# 89
36) Benzo(k)fluoranthene	22.88	252	19784	0.260 ng	95
37) Benzo(a)pyrene	23.40	252	17341	0.274 ng	93
38) Dibenzo(a,h)anthracene	25.74	278	15497	0.275 ng	# 96
39) Benzo(g,h,i)perylene	26.41	276	15978	0.240 ng	# 90

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

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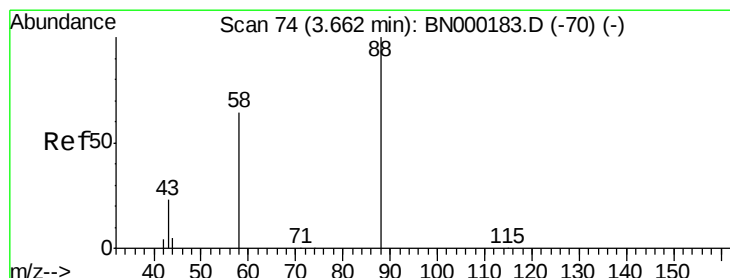
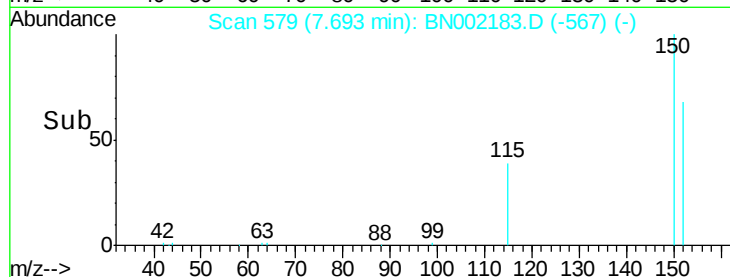
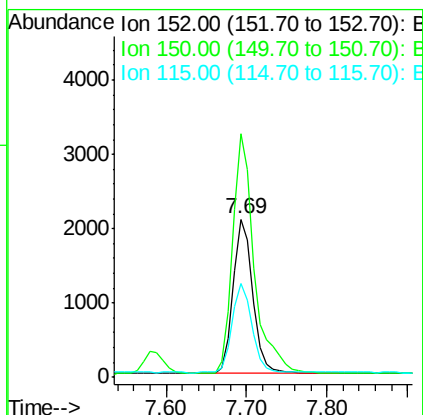
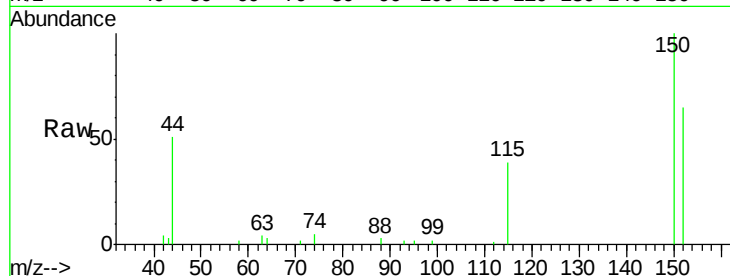


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

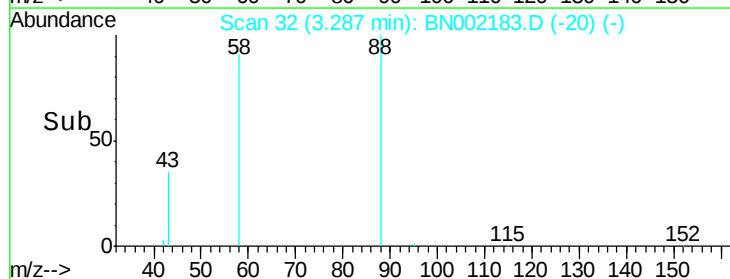
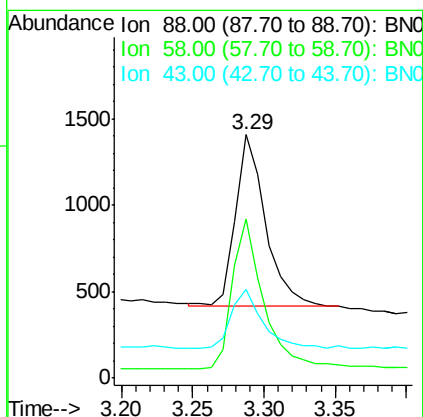
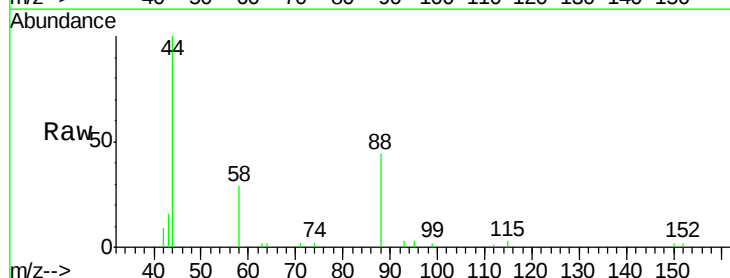
Tgt Ion:152 Resp: 3605
Ion Ratio Lower Upper
152 100
150 153.9 117.2 175.8
115 59.7 57.0 85.6

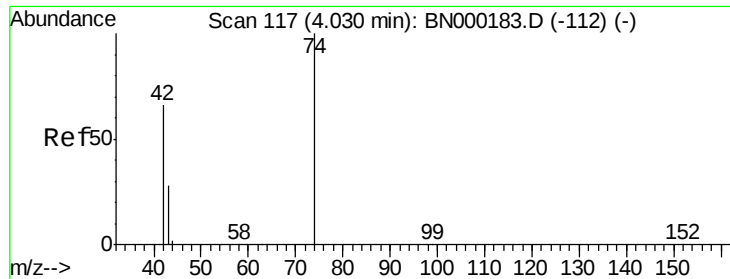


#2

1,4-Dioxane
Concen: 0.392 ng
RT: 3.29 min Scan# 32
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion: 88 Resp: 1463
Ion Ratio Lower Upper
88 100
58 89.6 72.0 108.0
43 36.6 28.0 42.0



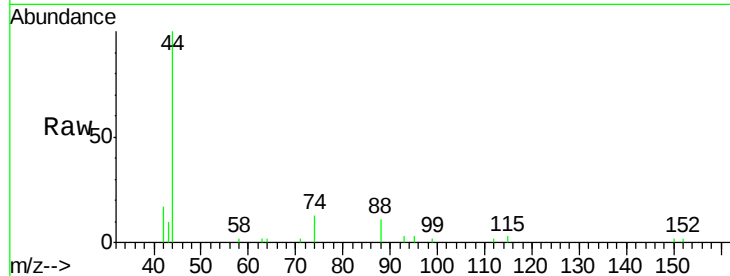


#3

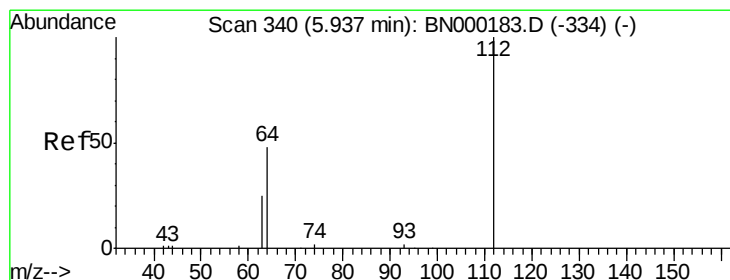
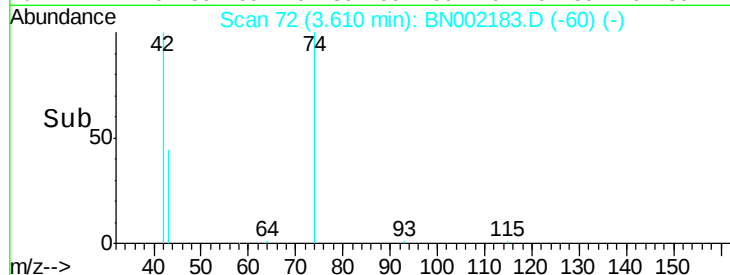
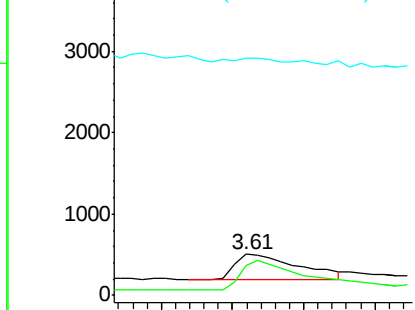
n-Nitrosodimethylamine
 Concen: 0.381 ng
 RT: 3.61 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BN002183.D
 Acq: 30 Jul 2018 12:47

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tgt Ion: 42 Resp: 968
 Ion Ratio Lower Upper
 42 100
 74 109.9 88.0 132.0
 44 21.6 16.0 24.0



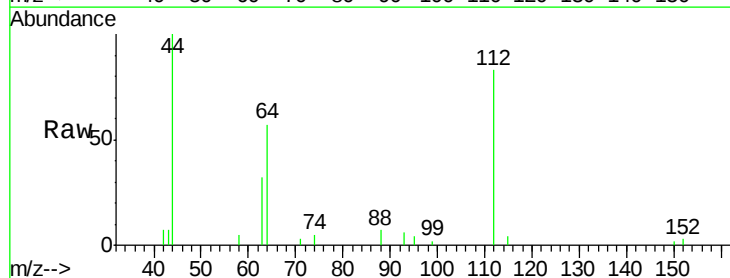
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



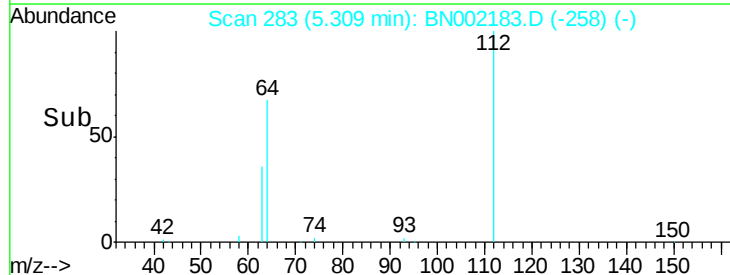
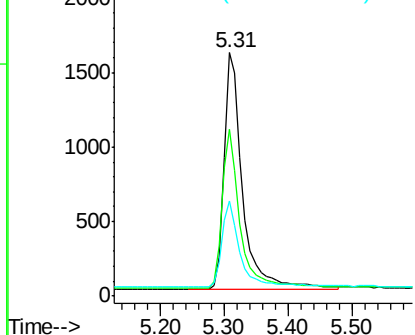
#4

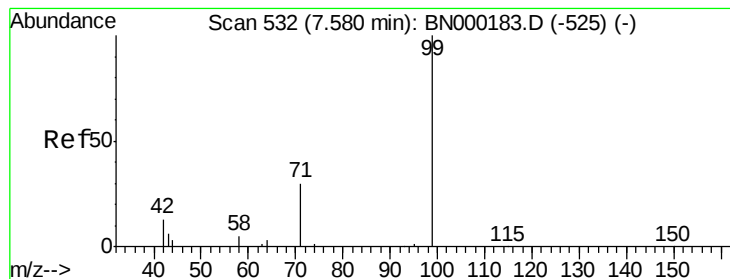
2-Fluorophenol
 Concen: 0.419 ng
 RT: 5.31 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: BN002183.D
 Acq: 30 Jul 2018 12:47

Tgt Ion: 112 Resp: 3192
 Ion Ratio Lower Upper
 112 100
 64 64.6 60.1 90.1
 63 35.2 116.8 175.2#



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





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

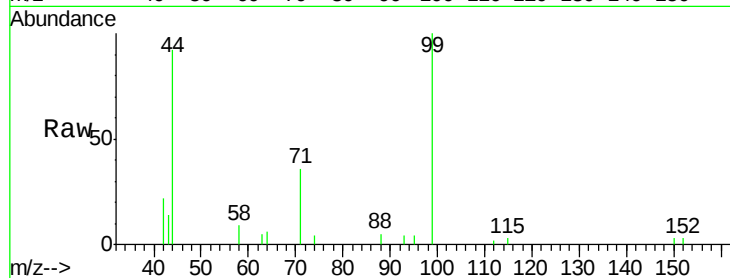
Tgt Ion: 99 Resp: 3804

Ion Ratio Lower Upper

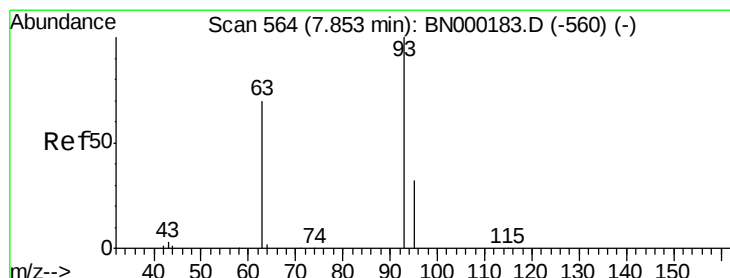
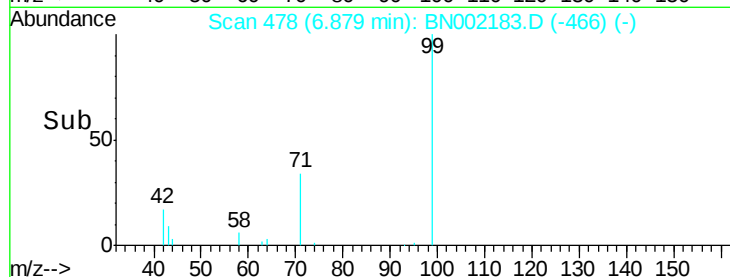
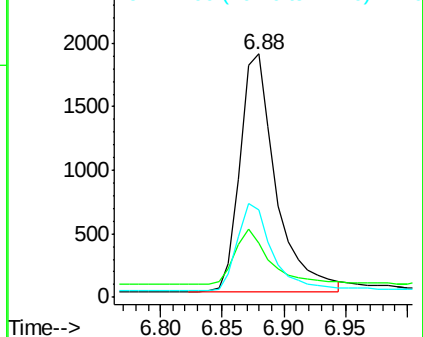
99 100

42 23.1 20.2 30.2

71 36.1 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.318 ng

RT: 7.13 min Scan# 509

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

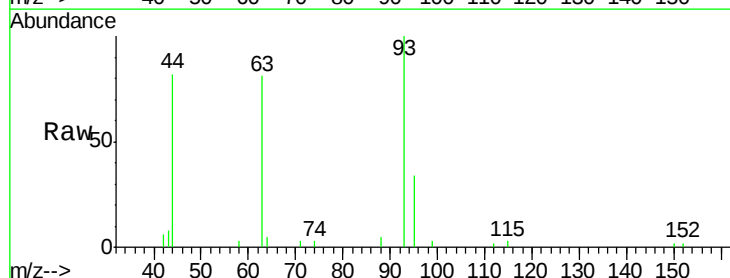
Tgt Ion: 93 Resp: 3913

Ion Ratio Lower Upper

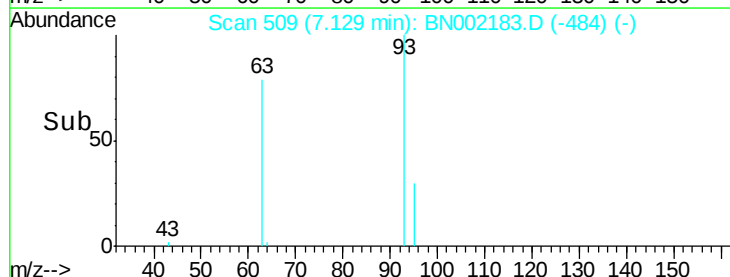
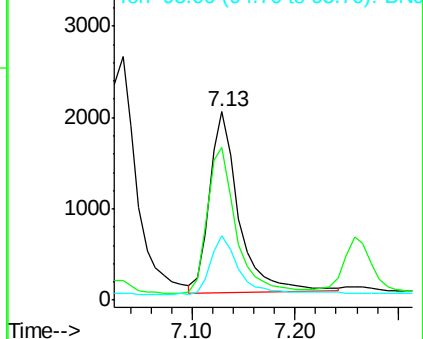
93 100

63 80.7 56.0 84.0

95 31.4 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 14347

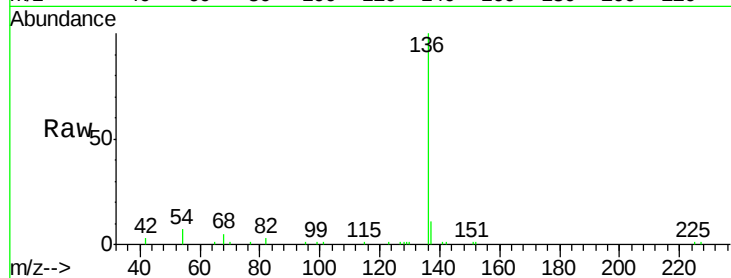
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 7.0 29.1 43.7#

68 4.9 6.2 9.2#

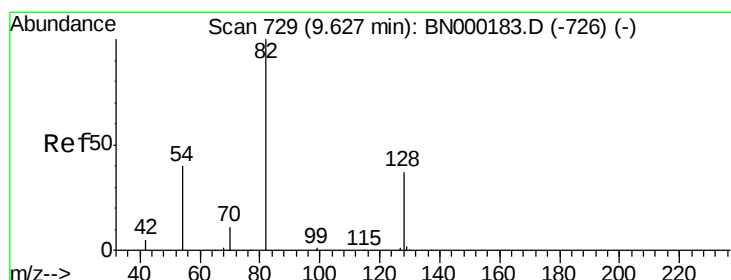
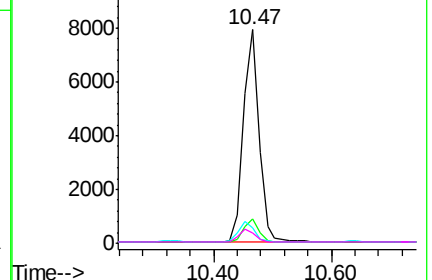
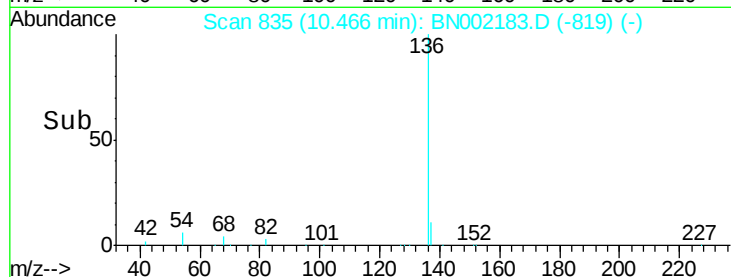


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.497 ng

RT: 8.84 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

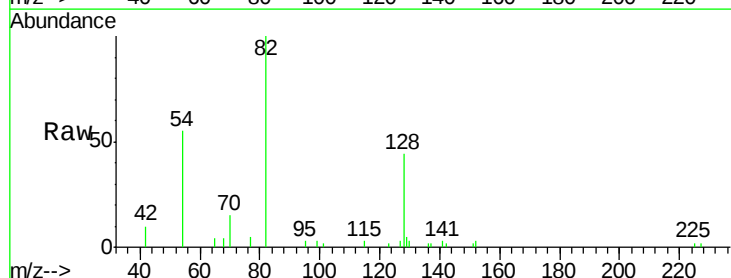
Tgt Ion: 82 Resp: 4228

Ion Ratio Lower Upper

82 100

128 44.1 150.0 225.0#

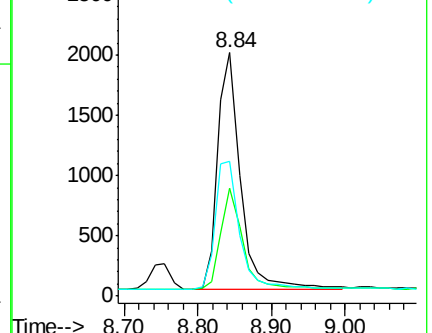
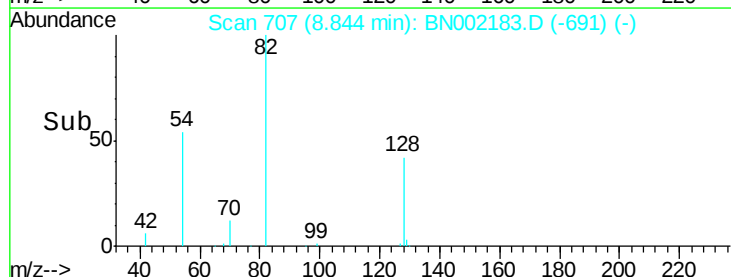
54 55.3 154.2 231.4#

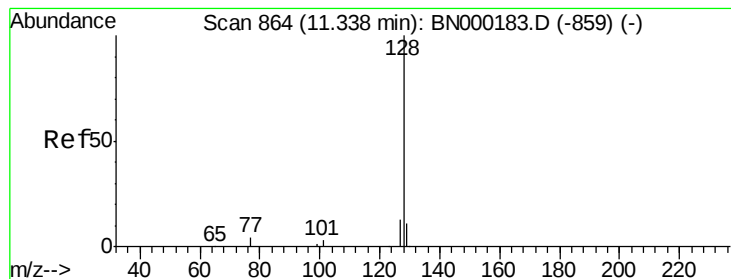


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.303 ng

RT: 10.52 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

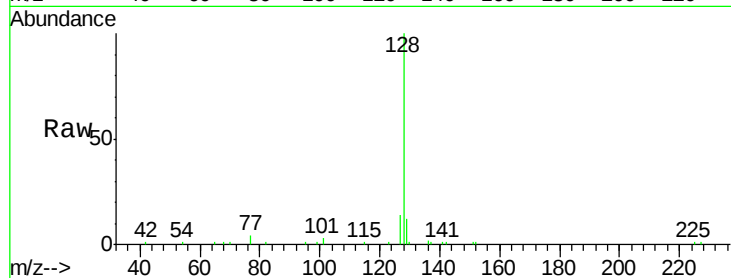
Tgt Ion:128 Resp: 12691

Ion Ratio Lower Upper

128 100

129 11.8 8.0 12.0

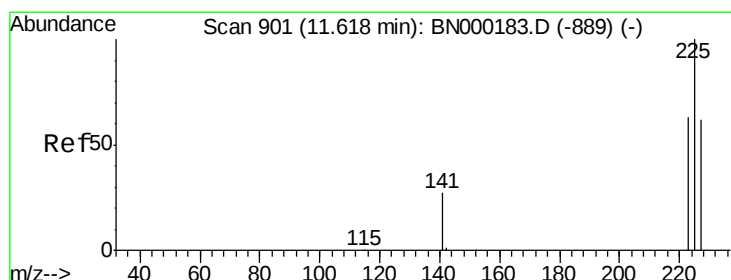
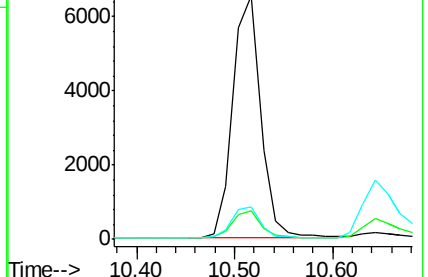
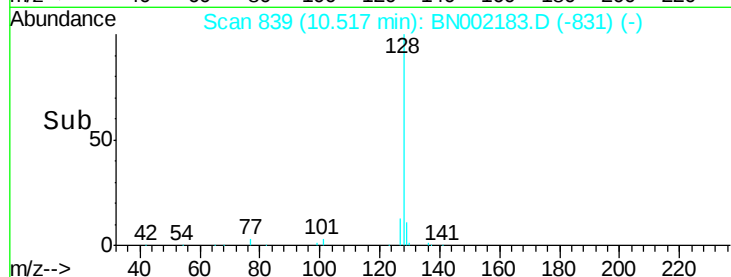
127 13.5 9.6 14.4



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: 0.386 ng

RT: 10.80 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

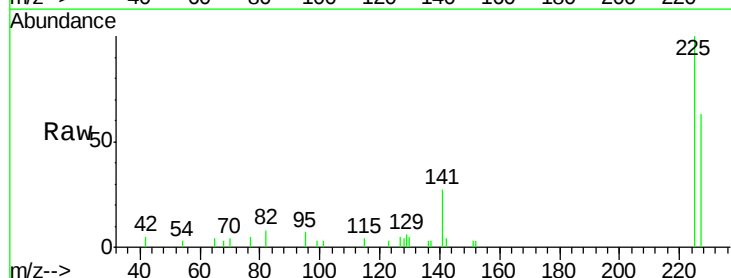
Tgt Ion:225 Resp: 2745

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

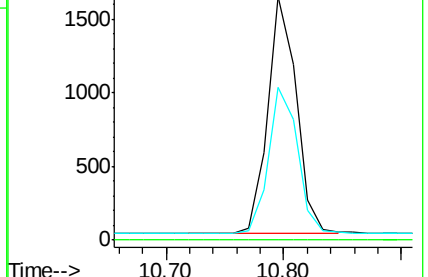
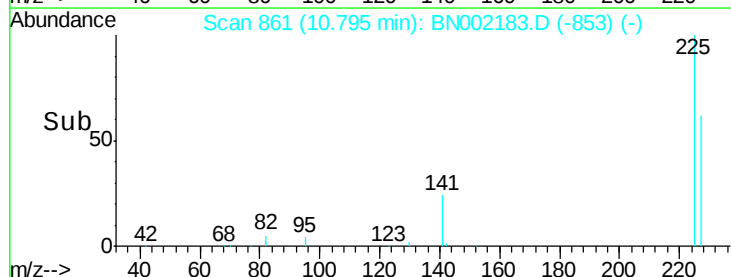
227 62.8 48.0 72.0

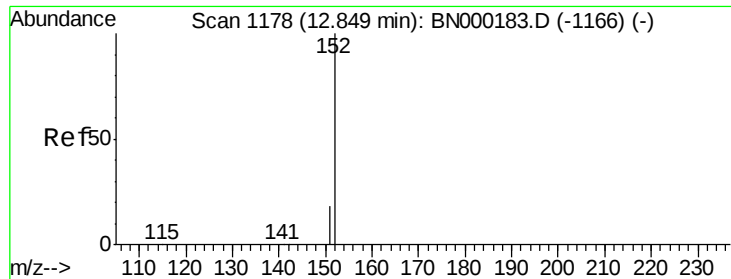


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

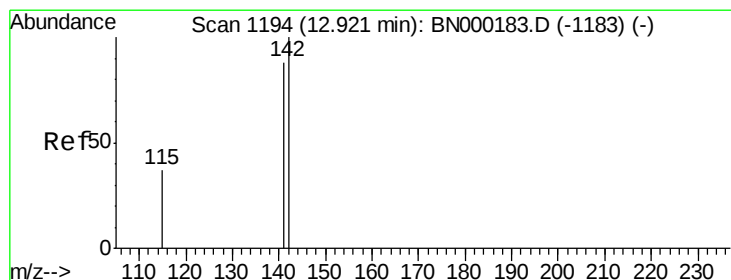
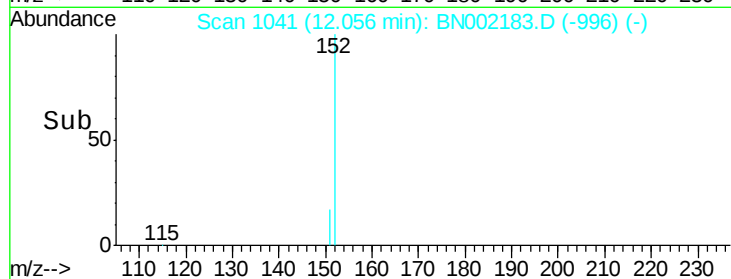
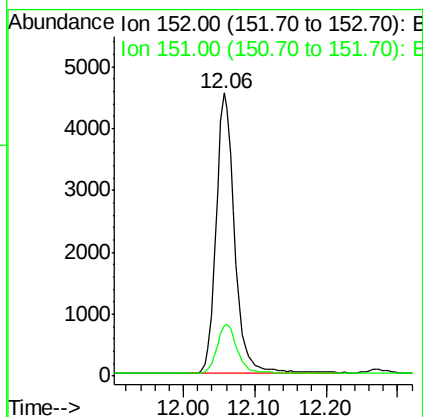
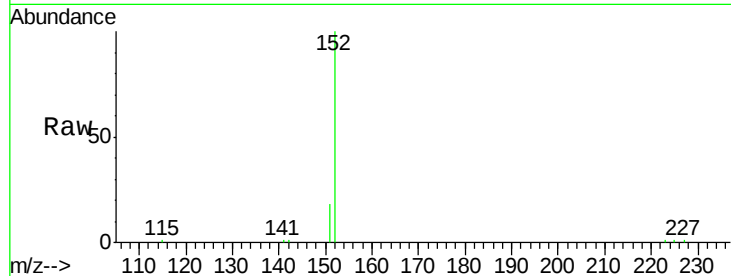




#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 12.06 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BN002183.D
 Acq: 30 Jul 2018 12:47

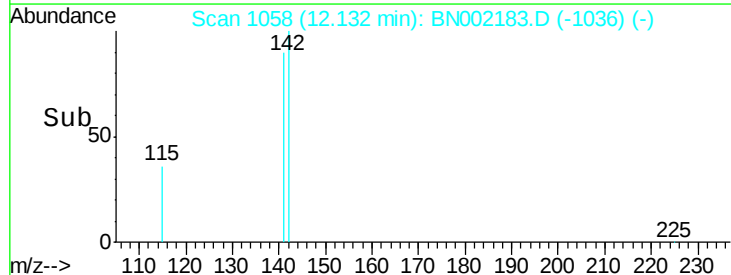
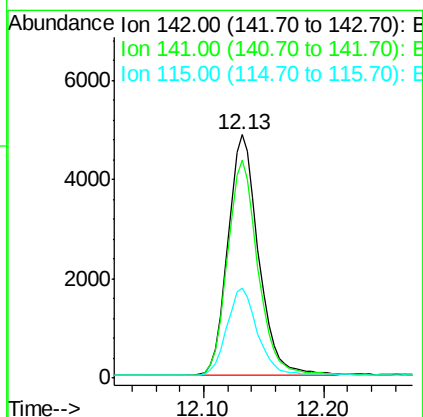
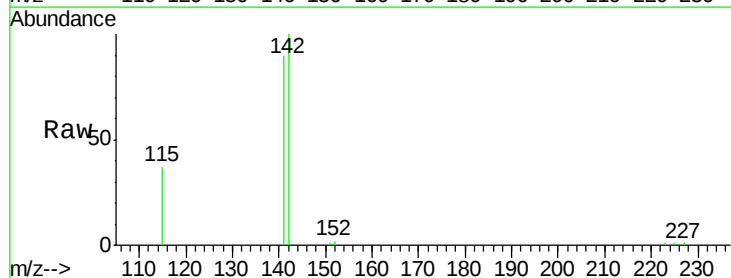
Instrument :
 BNA_N
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 SSTDICC0.4

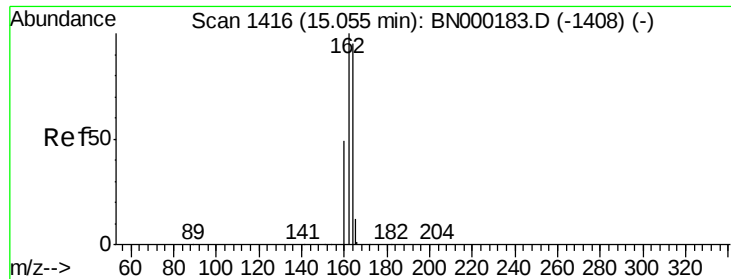
Tgt Ion:152 Resp: 8193
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.315 ng
 RT: 12.13 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN002183.D
 Acq: 30 Jul 2018 12:47

Tgt Ion:142 Resp: 8652
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.4 105.6
 115 37.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

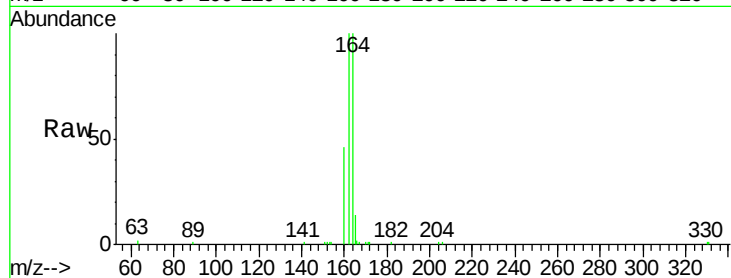
Tgt Ion:164 Resp: 8427

Ion Ratio Lower Upper

164 100

162 100.2 83.1 124.7

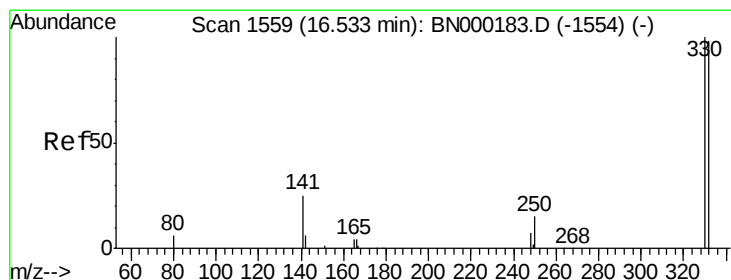
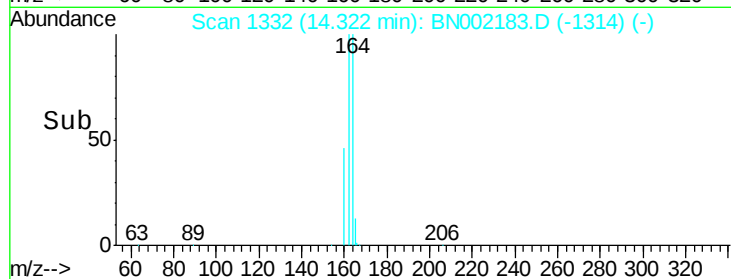
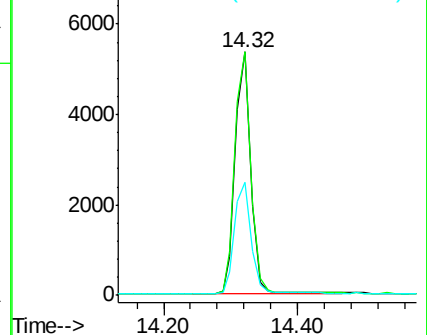
160 46.6 37.1 55.7



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: 0.527 ng

RT: 15.83 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

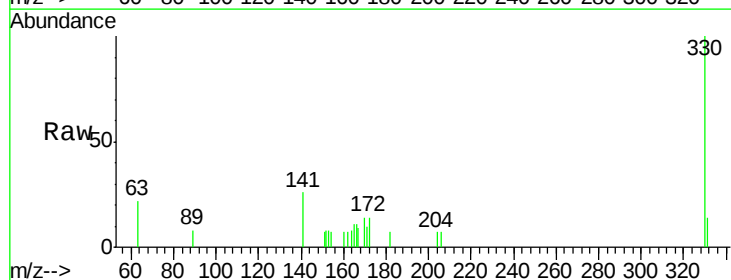
Tgt Ion:330 Resp: 1409

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

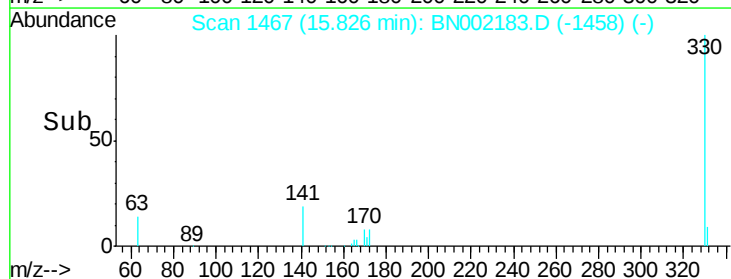
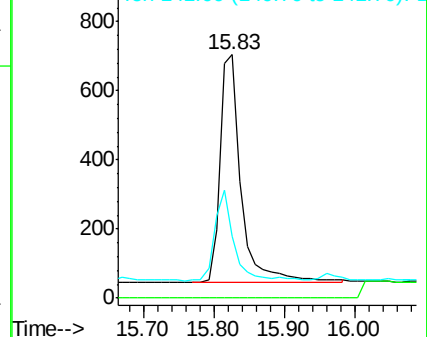
141 35.8 33.7 50.5

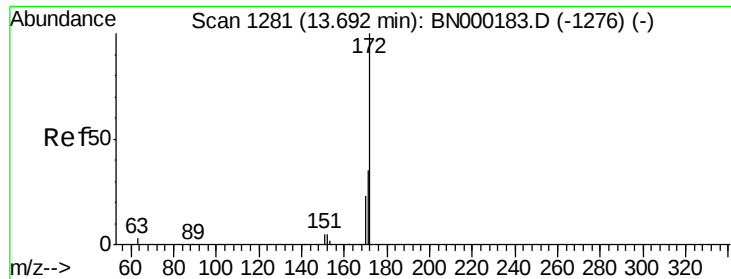


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

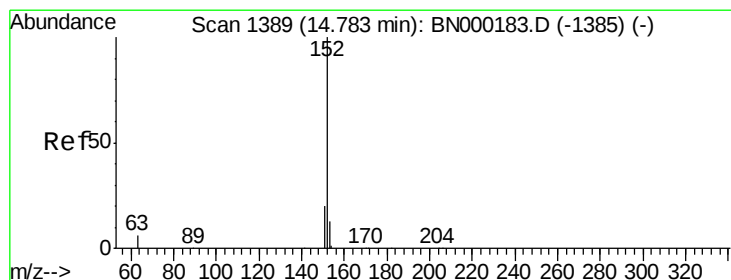
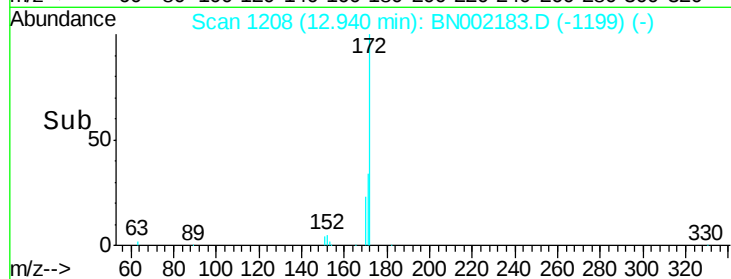
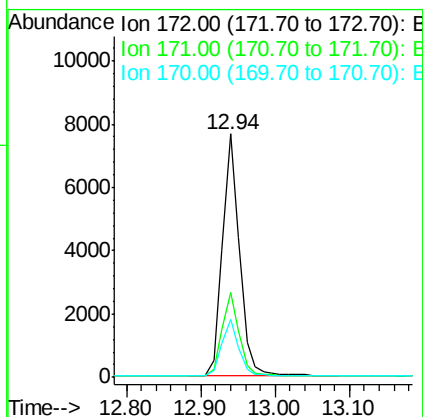
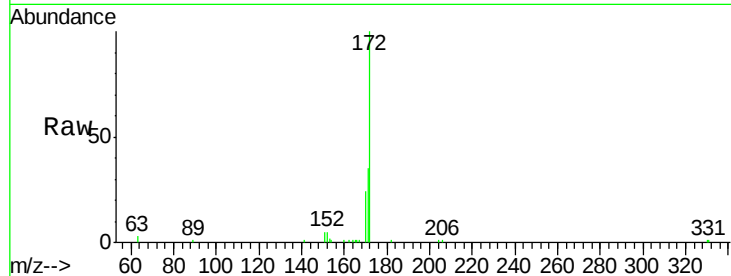




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.94 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

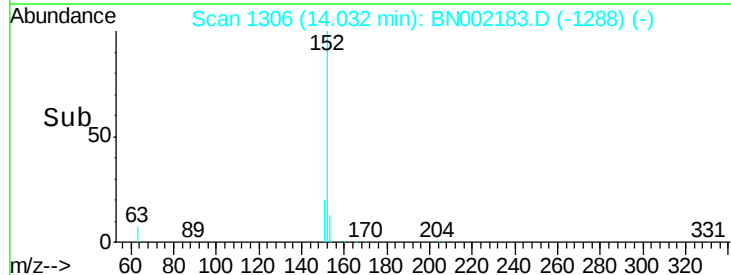
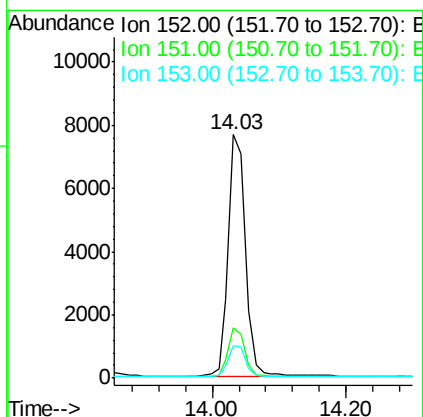
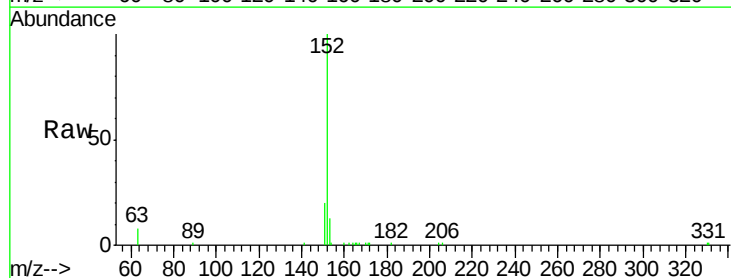
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

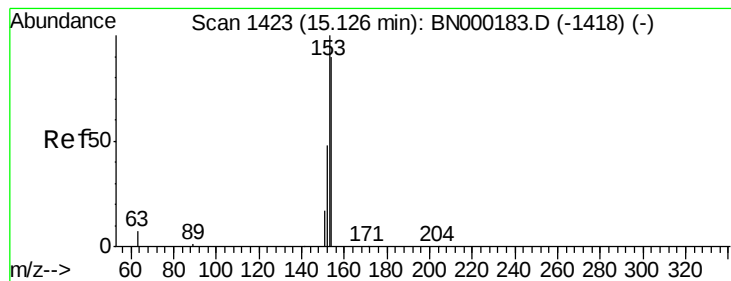
Tgt Ion:172 Resp: 12232
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BN002183.D
Acq: 30 Jul 2018 12:47

Tgt Ion:152 Resp: 13695
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.284 ng

RT: 14.38 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

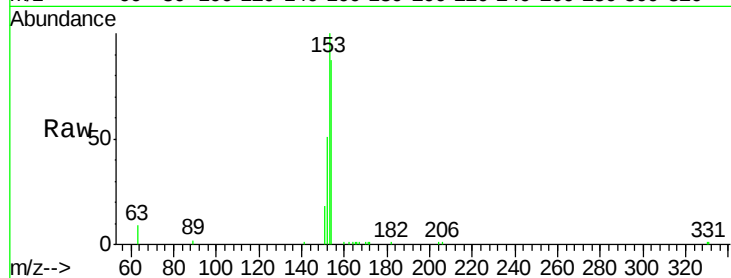
Tgt Ion:154 Resp: 8892

Ion Ratio Lower Upper

154 100

153 114.5 89.2 133.8

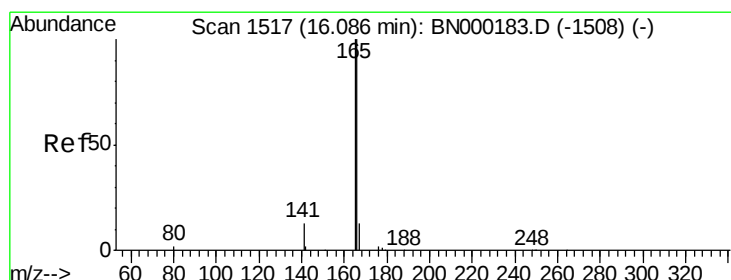
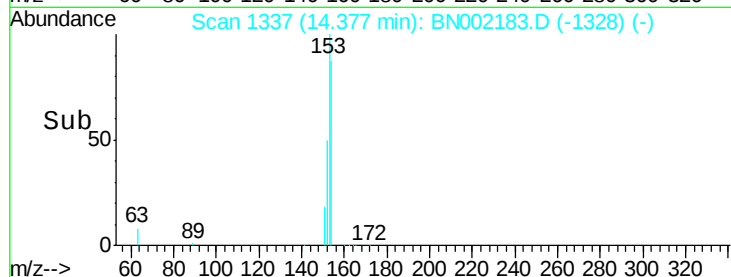
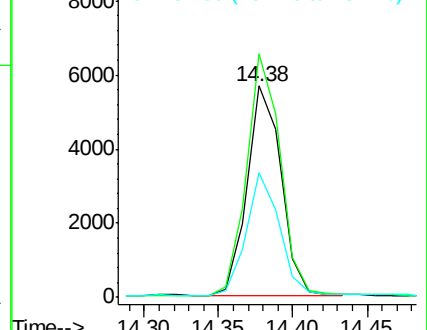
152 56.9 42.0 63.0



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: 0.289 ng

RT: 15.37 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

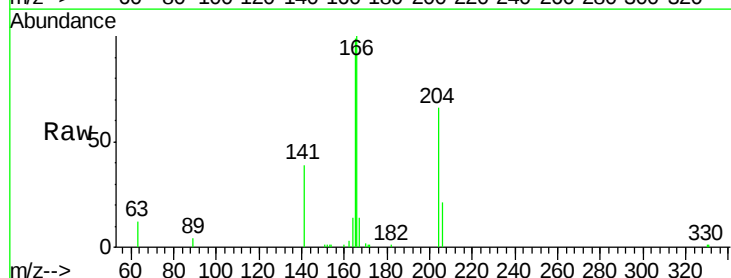
Tgt Ion:166 Resp: 11304

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

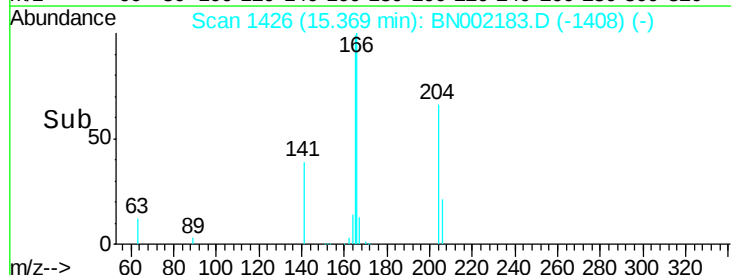
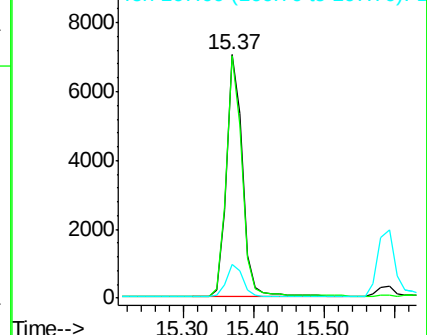
167 13.4 42.4 63.6#

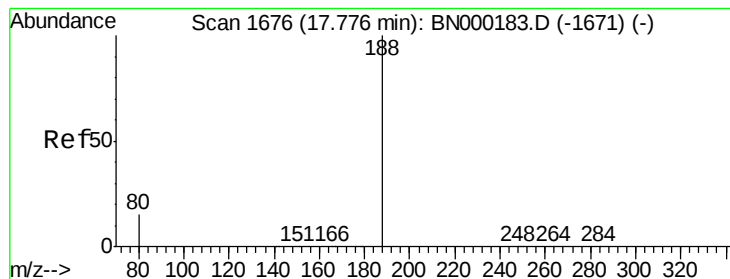


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

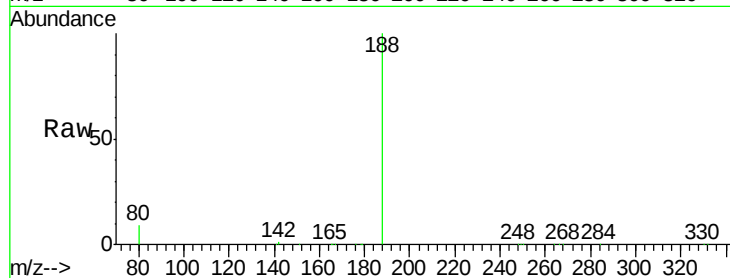
Tgt Ion:188 Resp: 20522

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

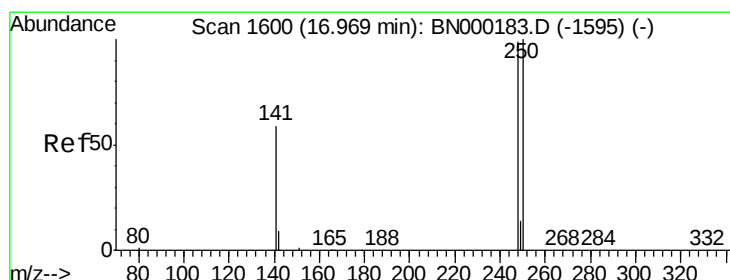
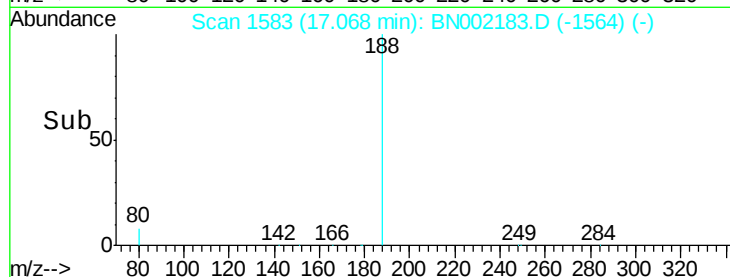
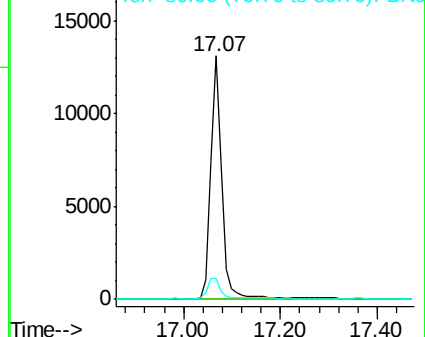
80 8.6 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.362 ng

RT: 16.26 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

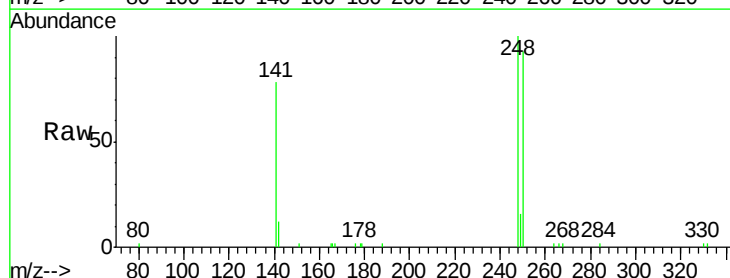
Tgt Ion:248 Resp: 4276

Ion Ratio Lower Upper

248 100

250 93.5 62.7 94.1

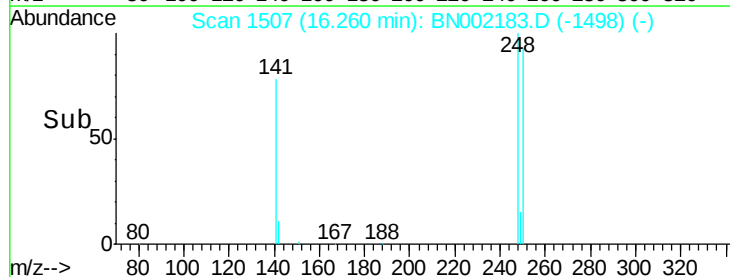
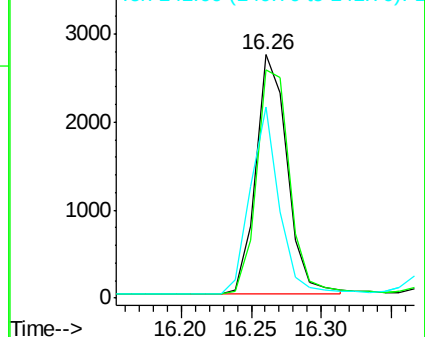
141 78.5 48.2 72.2#

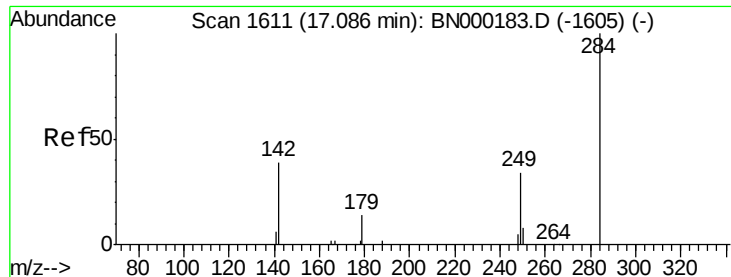


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.305 ng

RT: 16.38 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

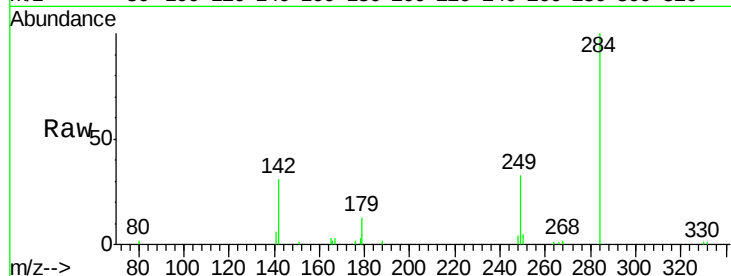
Tgt Ion:284 Resp: 4818

Ion Ratio Lower Upper

284 100

142 35.2 32.0 48.0

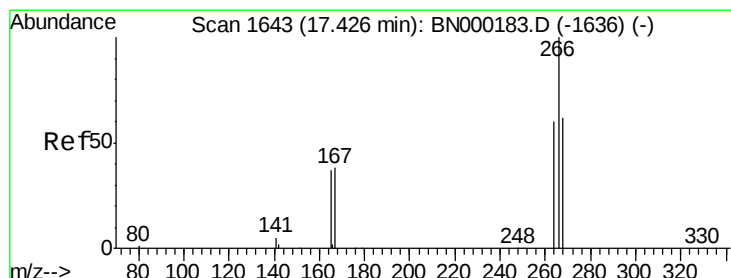
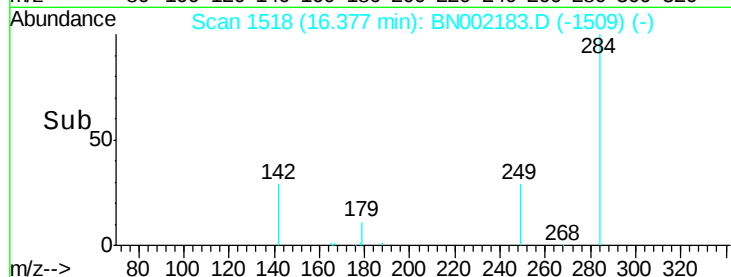
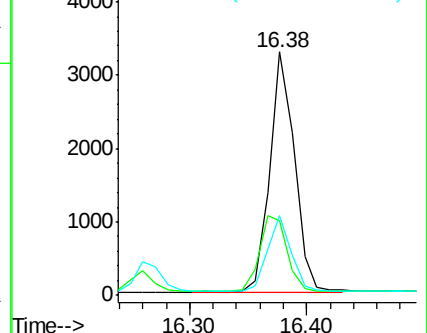
249 30.4 24.0 36.0



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: 0.212 ng

RT: 16.74 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

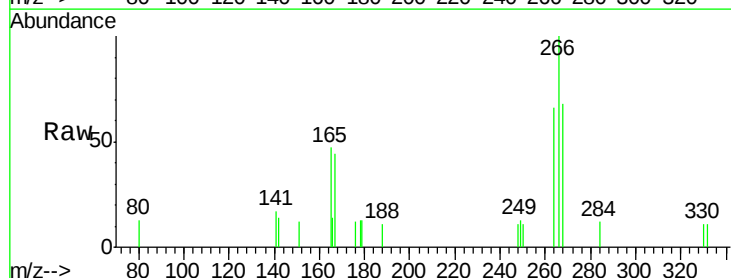
Tgt Ion:266 Resp: 896

Ion Ratio Lower Upper

266 100

264 66.3 48.0 72.0

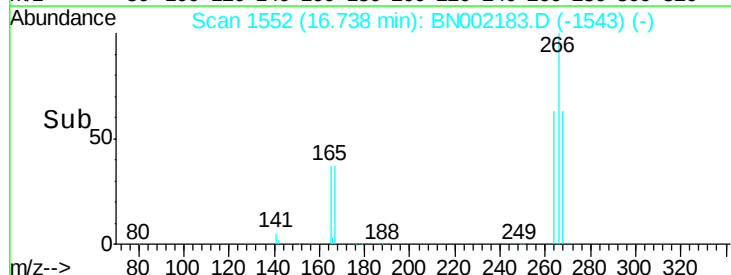
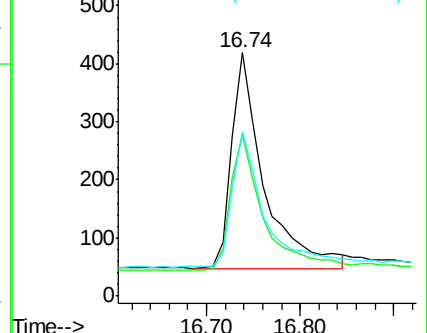
268 67.5 52.0 78.0

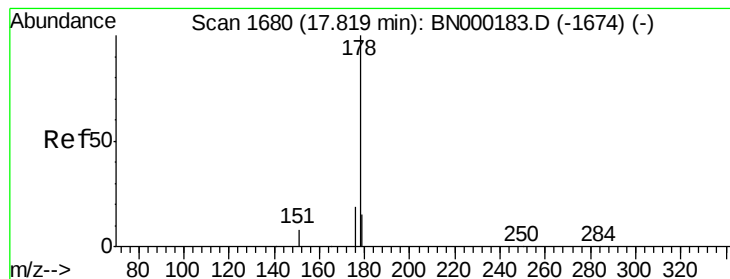


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.272 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

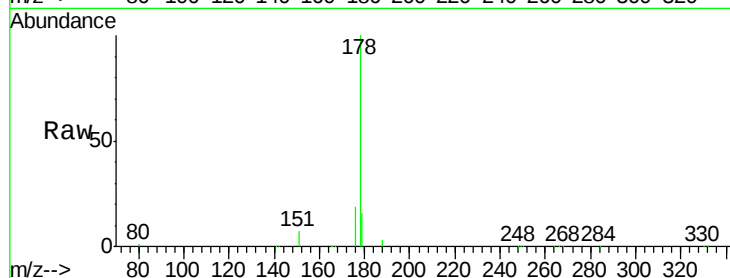
Tgt Ion:178 Resp: 19634

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

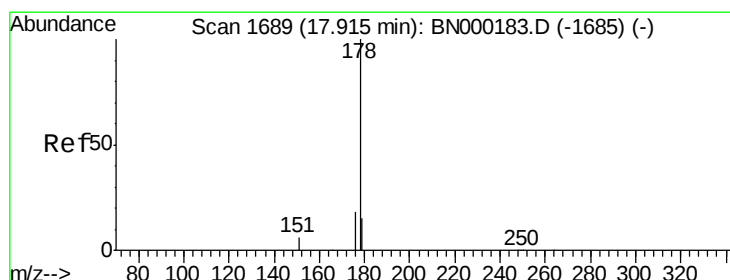
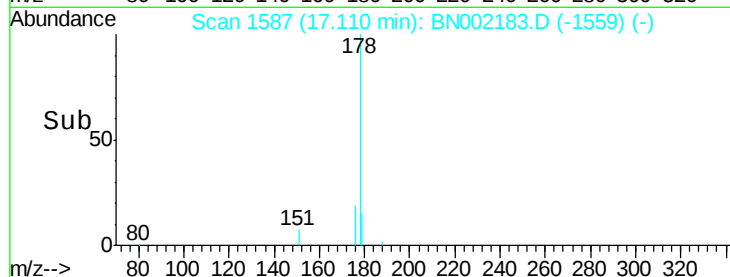
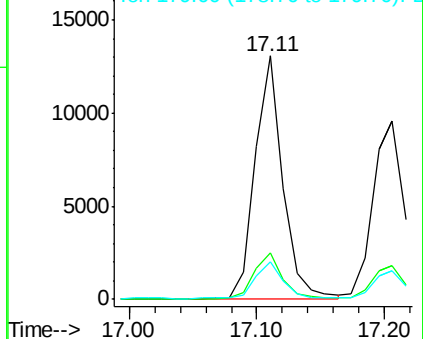
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.293 ng

RT: 17.21 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

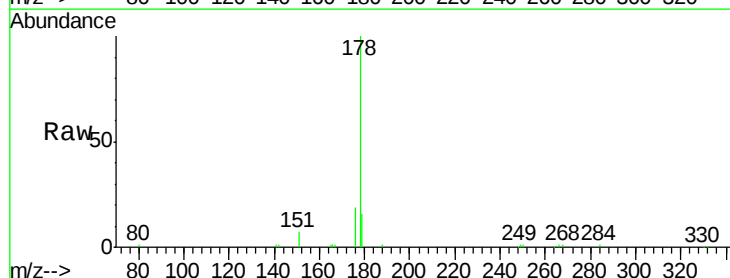
Tgt Ion:178 Resp: 16032

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

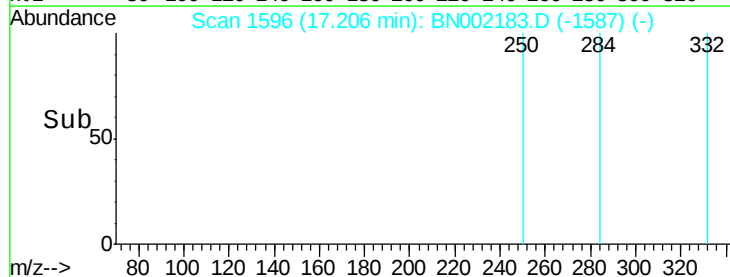
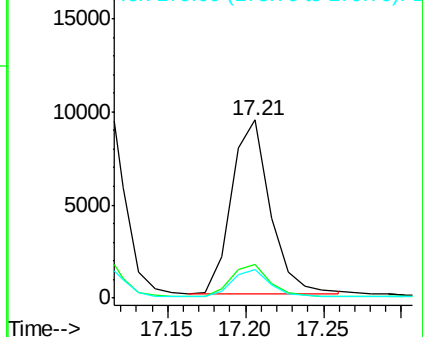
179 15.3 13.0 19.6

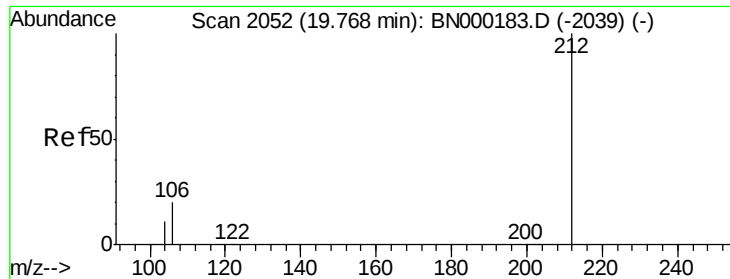


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

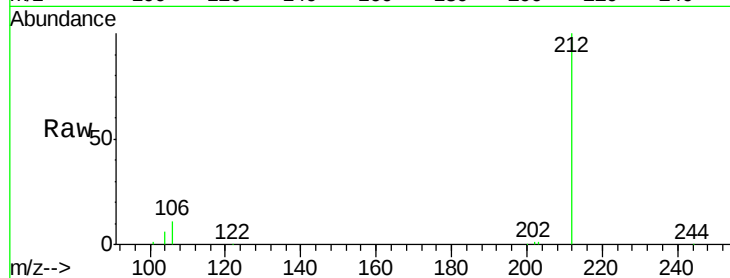




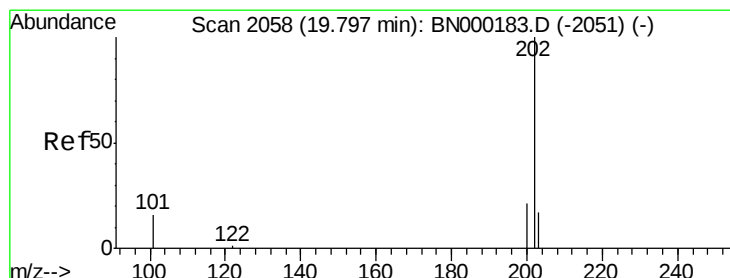
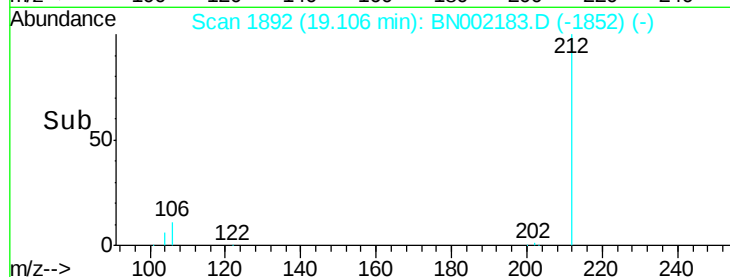
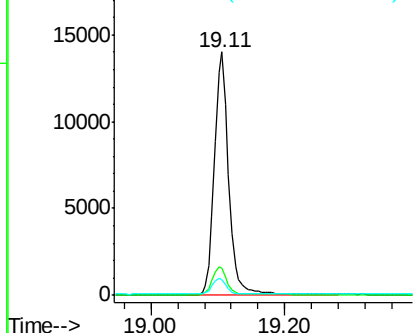
#25
 Fluoranthene-d10
 Concen: 0.376 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BN002183.D
 Acq: 30 Jul 2018 12:47

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tgt Ion: 212 Resp: 20646
 Ion Ratio Lower Upper
 212 100
 106 11.6 2.8 4.2#
 104 6.5 1.6 2.4#

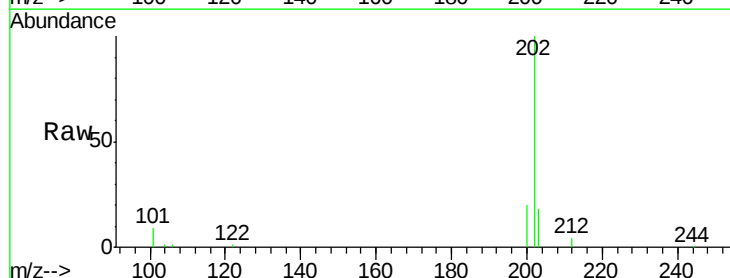


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

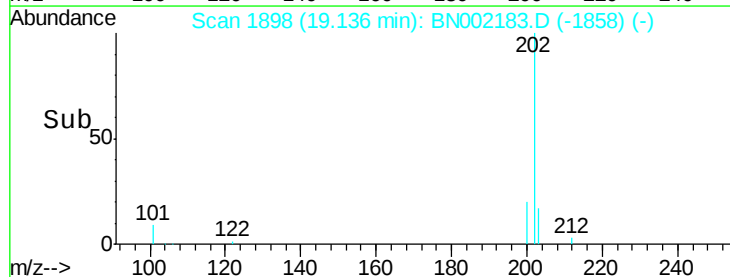
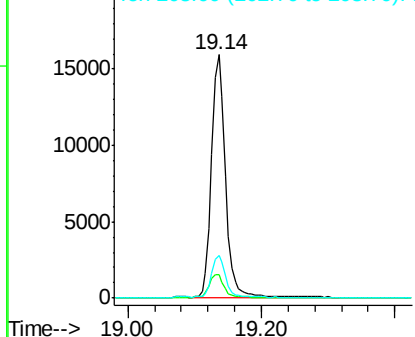


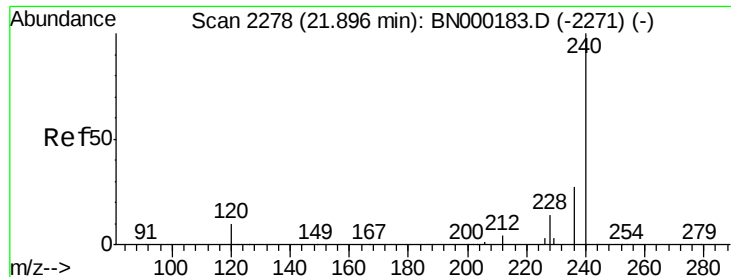
#26
 Fluoranthene
 Concen: 0.305 ng
 RT: 19.14 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BN002183.D
 Acq: 30 Jul 2018 12:47

Tgt Ion: 202 Resp: 22842
 Ion Ratio Lower Upper
 202 100
 101 10.0 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: 21.27 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

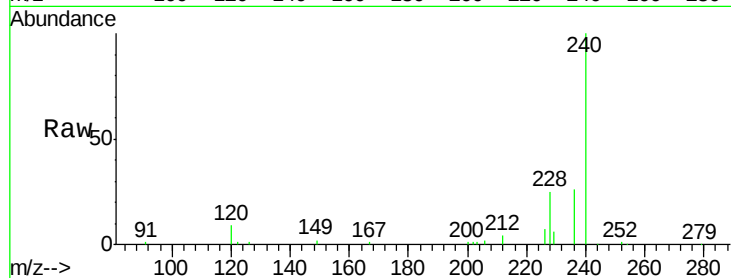
Tgt Ion:240 Resp: 20992

Ion Ratio Lower Upper

240 100

120 8.7 5.5 8.3#

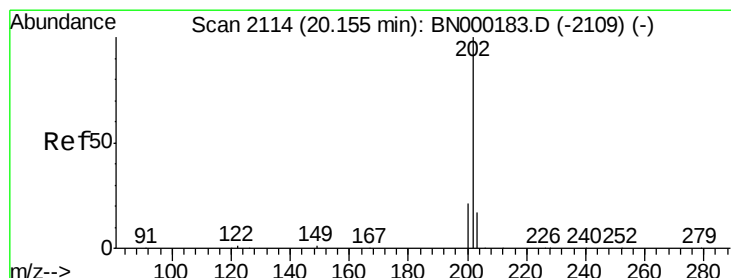
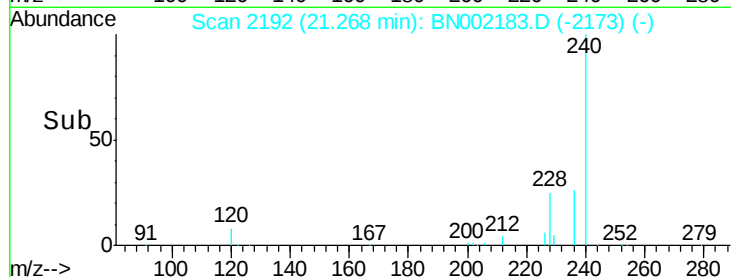
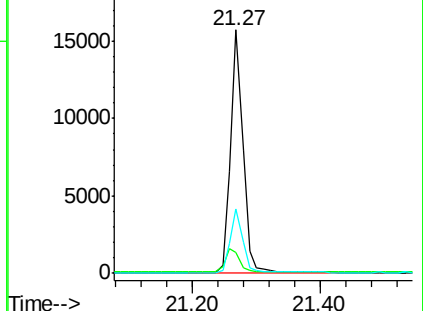
236 26.3 20.7 31.1



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: 0.282 ng

RT: 19.50 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

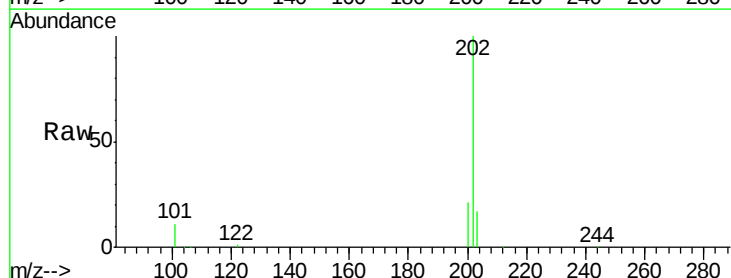
Tgt Ion:202 Resp: 23235

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

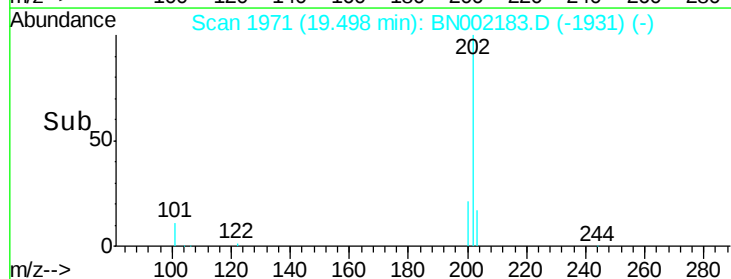
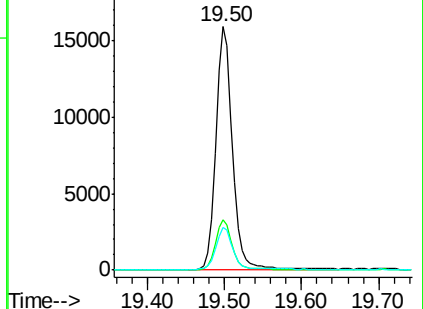
203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 19.71 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

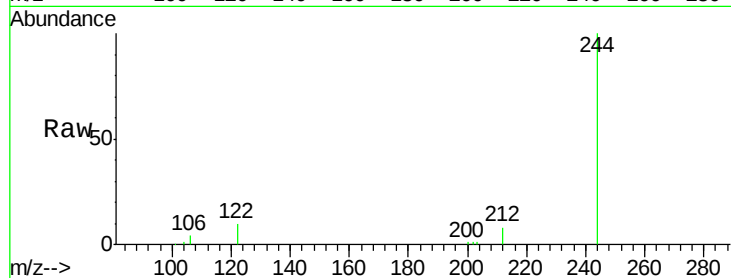
Tgt Ion:244 Resp: 16649

Ion Ratio Lower Upper

244 100

212 7.7 25.4 38.0#

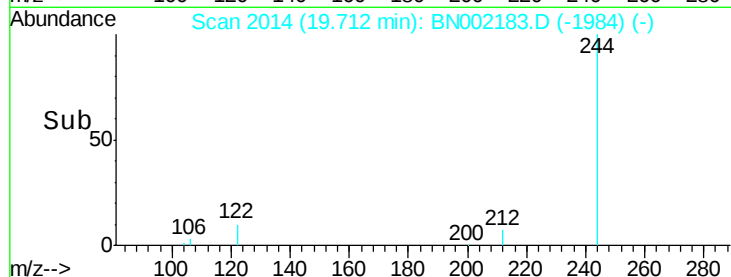
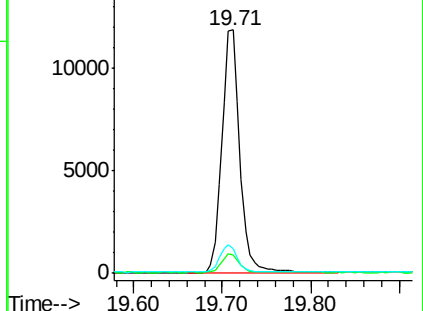
122 10.0 8.1 12.1



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: 0.306 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

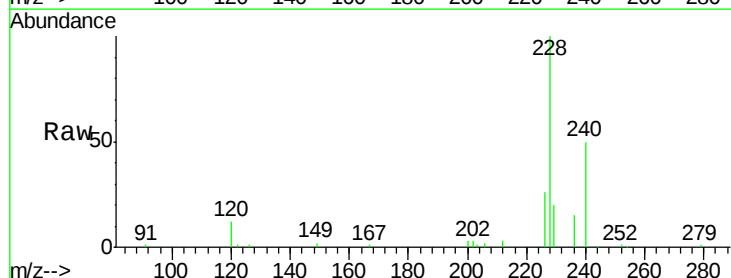
Tgt Ion:228 Resp: 20253

Ion Ratio Lower Upper

228 100

226 25.9 24.0 36.0

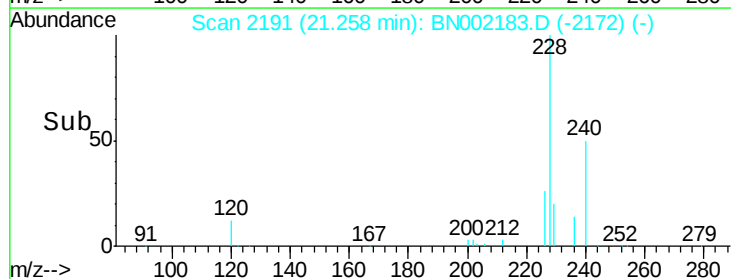
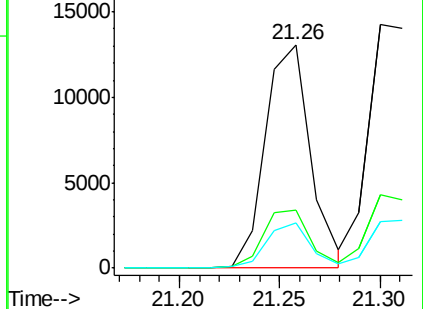
229 20.2 16.0 24.0



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: 0.295 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

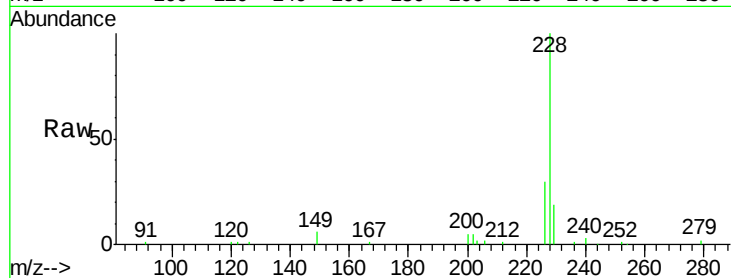
Tgt Ion:228 Resp: 22800

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

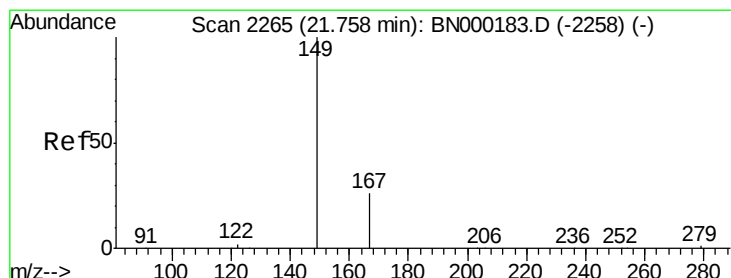
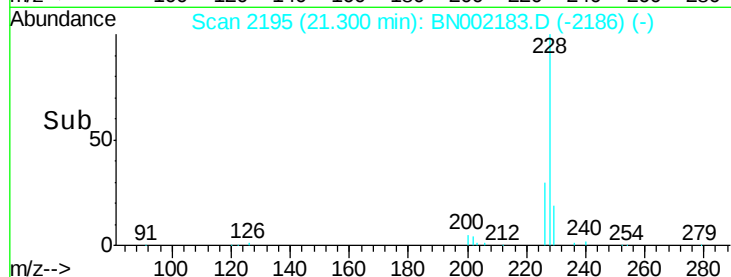
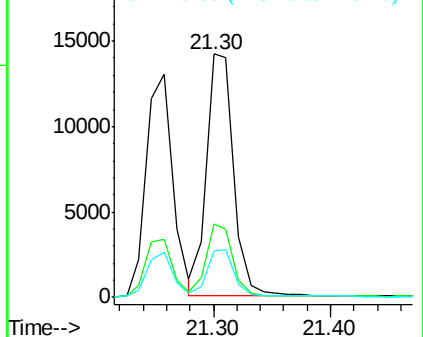
229 19.2 16.0 24.0



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: 0.386 ng

RT: 21.19 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

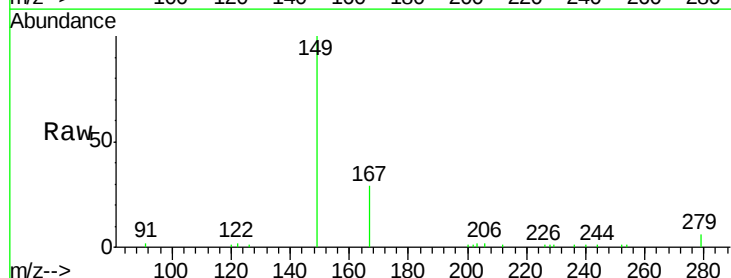
Tgt Ion:149 Resp: 9498

Ion Ratio Lower Upper

149 100

167 27.9 20.0 30.0

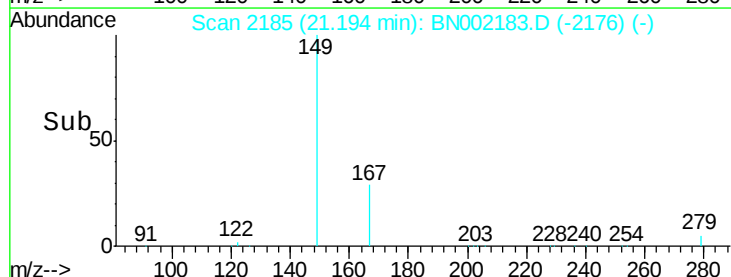
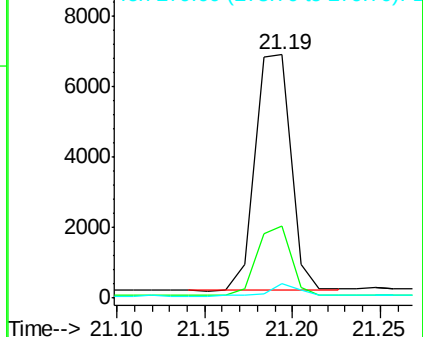
279 4.4 1.6 2.4#



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: 0.261 ng

RT: 25.73 min Scan# 3270

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

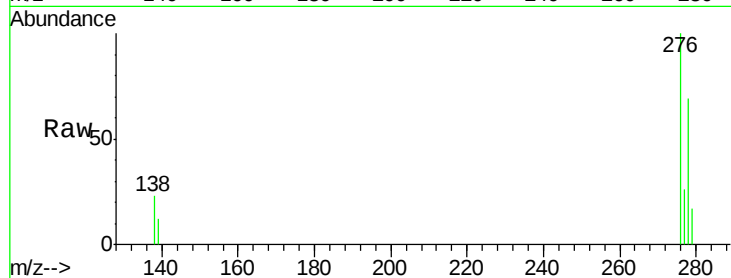
Tgt Ion:276 Resp: 18861

Ion Ratio Lower Upper

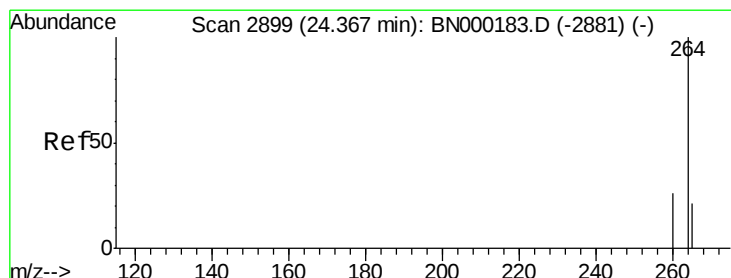
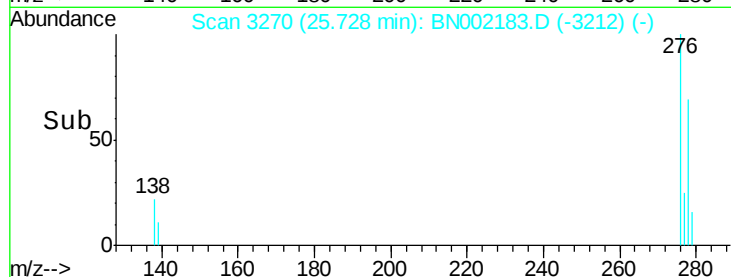
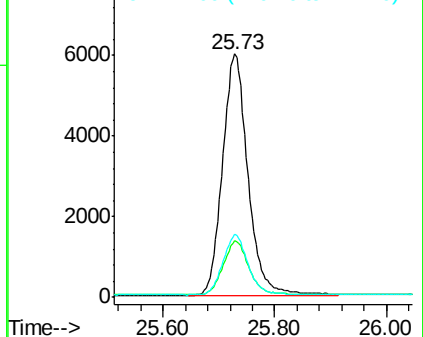
276 100

138 22.5 22.5 33.7

277 24.7 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

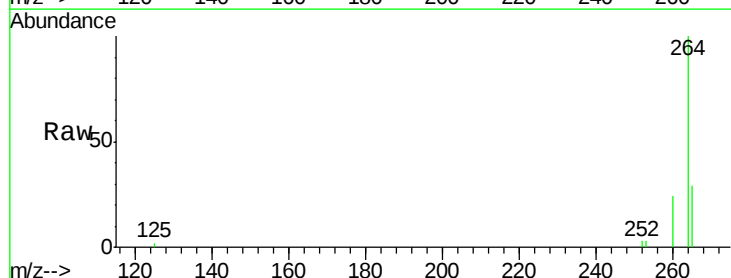
Tgt Ion:264 Resp: 17034

Ion Ratio Lower Upper

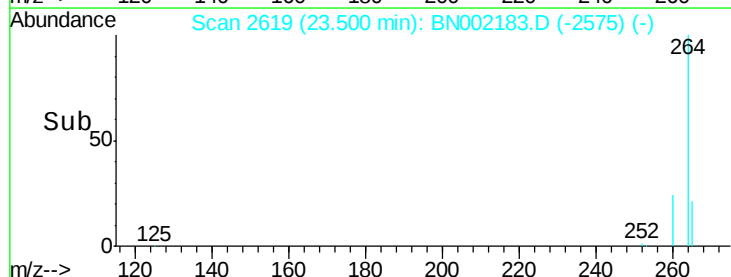
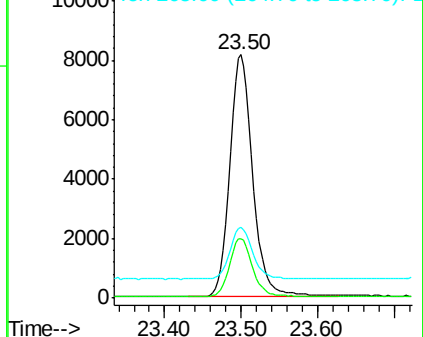
264 100

260 24.2 20.5 30.7

265 28.9 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: 0.255 ng

RT: 22.83 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

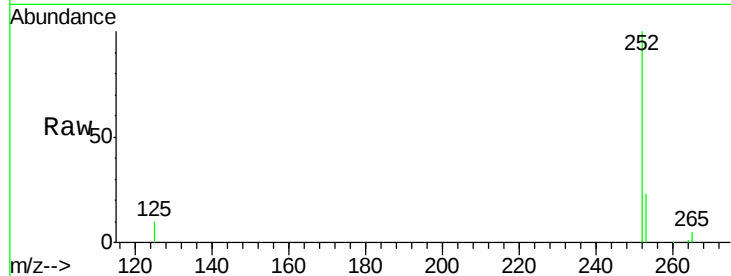
Tgt Ion:252 Resp: 19815

Ion Ratio Lower Upper

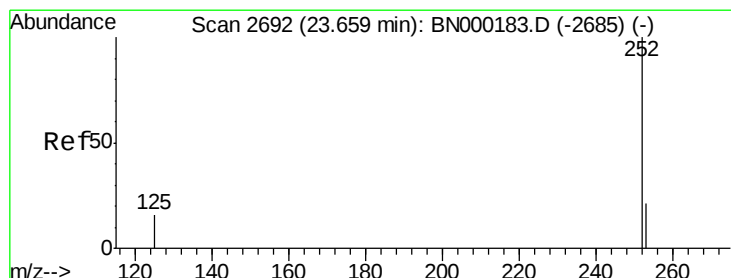
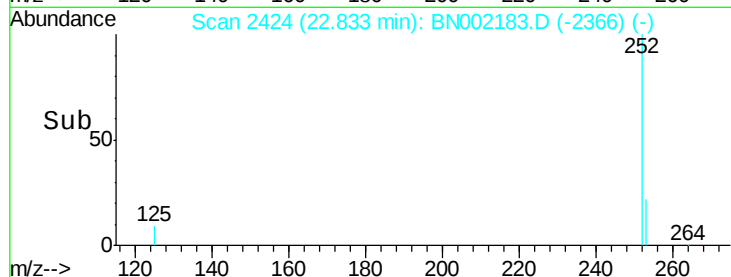
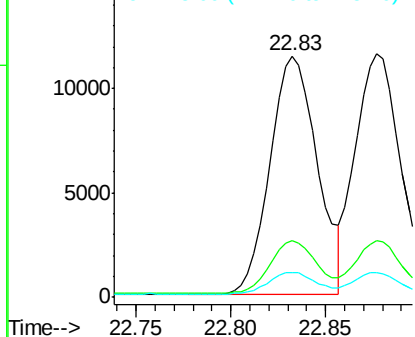
252 100

253 23.3 20.0 30.0

125 10.3 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: 0.260 ng

RT: 22.88 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

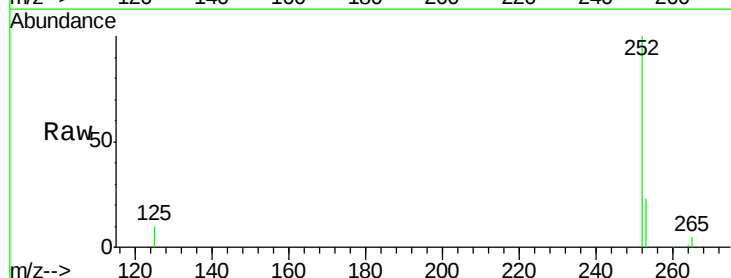
Tgt Ion:252 Resp: 19784

Ion Ratio Lower Upper

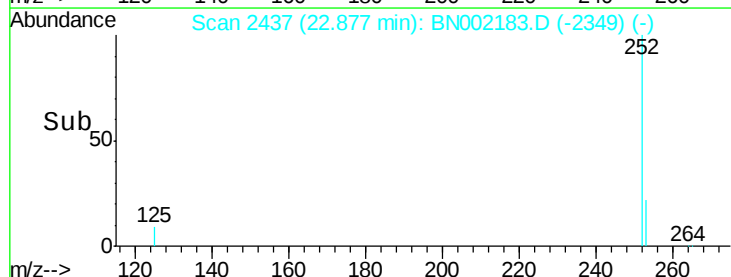
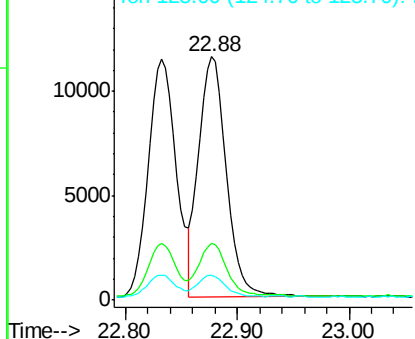
252 100

253 23.2 16.0 24.0

125 10.1 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: 0.274 ng

RT: 23.40 min Scan# 2590

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

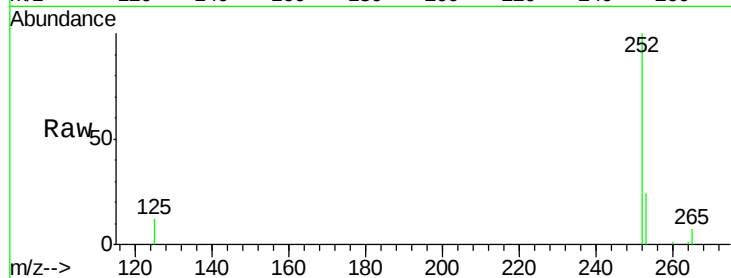
Tgt Ion:252 Resp: 17341

Ion Ratio Lower Upper

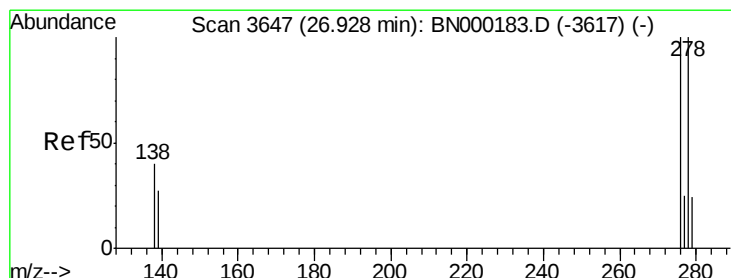
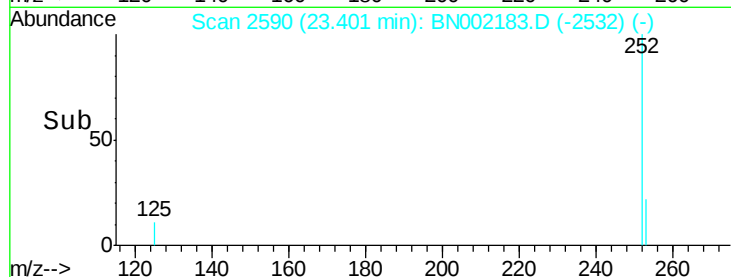
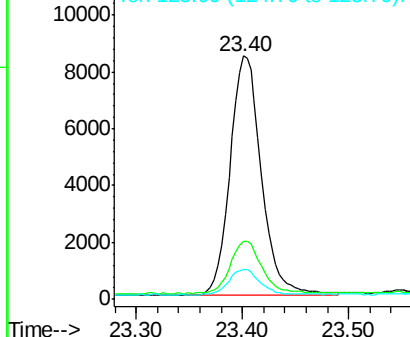
252 100

253 23.8 16.0 24.0

125 12.4 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: 0.275 ng

RT: 25.74 min Scan# 3274

Delta R.T. 0.00 min

Lab File: BN002183.D

Acq: 30 Jul 2018 12:47

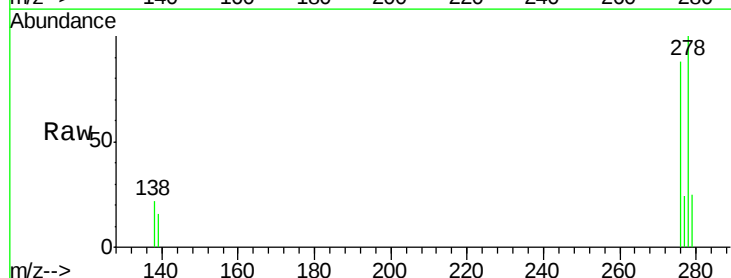
Tgt Ion:278 Resp: 15497

Ion Ratio Lower Upper

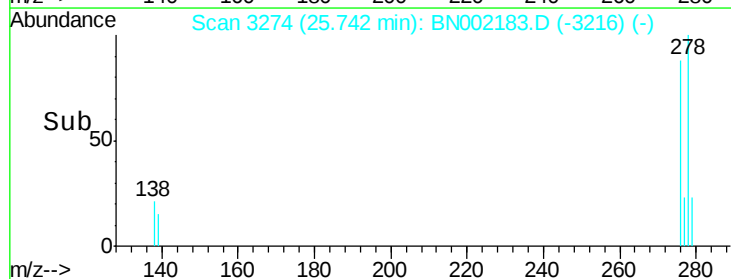
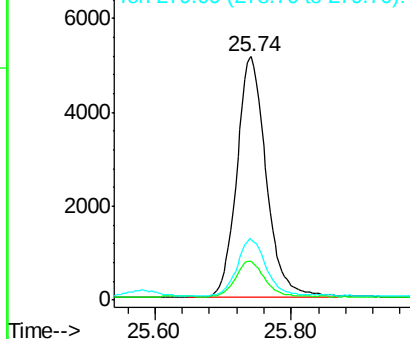
278 100

139 15.7 16.0 24.0#

279 25.0 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.240 ng

RT: 26.41 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BN002183.D

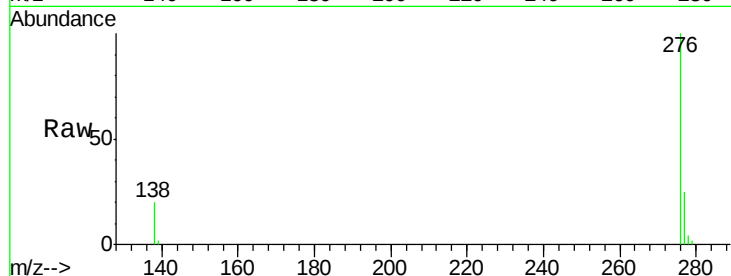
Acq: 30 Jul 2018 12:47

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4



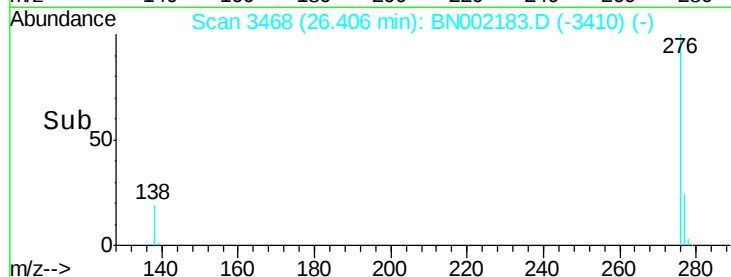
Tgt Ion: 276 Resp: 15978

Ion Ratio Lower Upper

276 100

277 24.6 16.0 24.0#

138 19.9 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

