

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000183.D
 Acq On : 27 Feb 2018 10:25
 Operator : JU/SJ
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Quant Time: Feb 27 13:55:03 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	6938	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	26583	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	13298	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	29928	0.40	ng	0.00
27) Chrysene-d12	21.90	240	27714	0.40	ng	0.00
34) Perylene-d12	24.37	264	23589	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.94	112	6011	0.41	ng	0.00
5) Phenol-d6	7.58	99	7396	0.40	ng	0.00
8) Nitrobenzene-d5	9.63	82	6338	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	16278	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1654	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	25782	0.41	ng	0.00
25) Fluoranthene-d10	19.77	212	31604	0.40	ng	0.00
29) Terphenyl-d14	20.34	244	19778	0.41	ng	0.00

Target Compounds

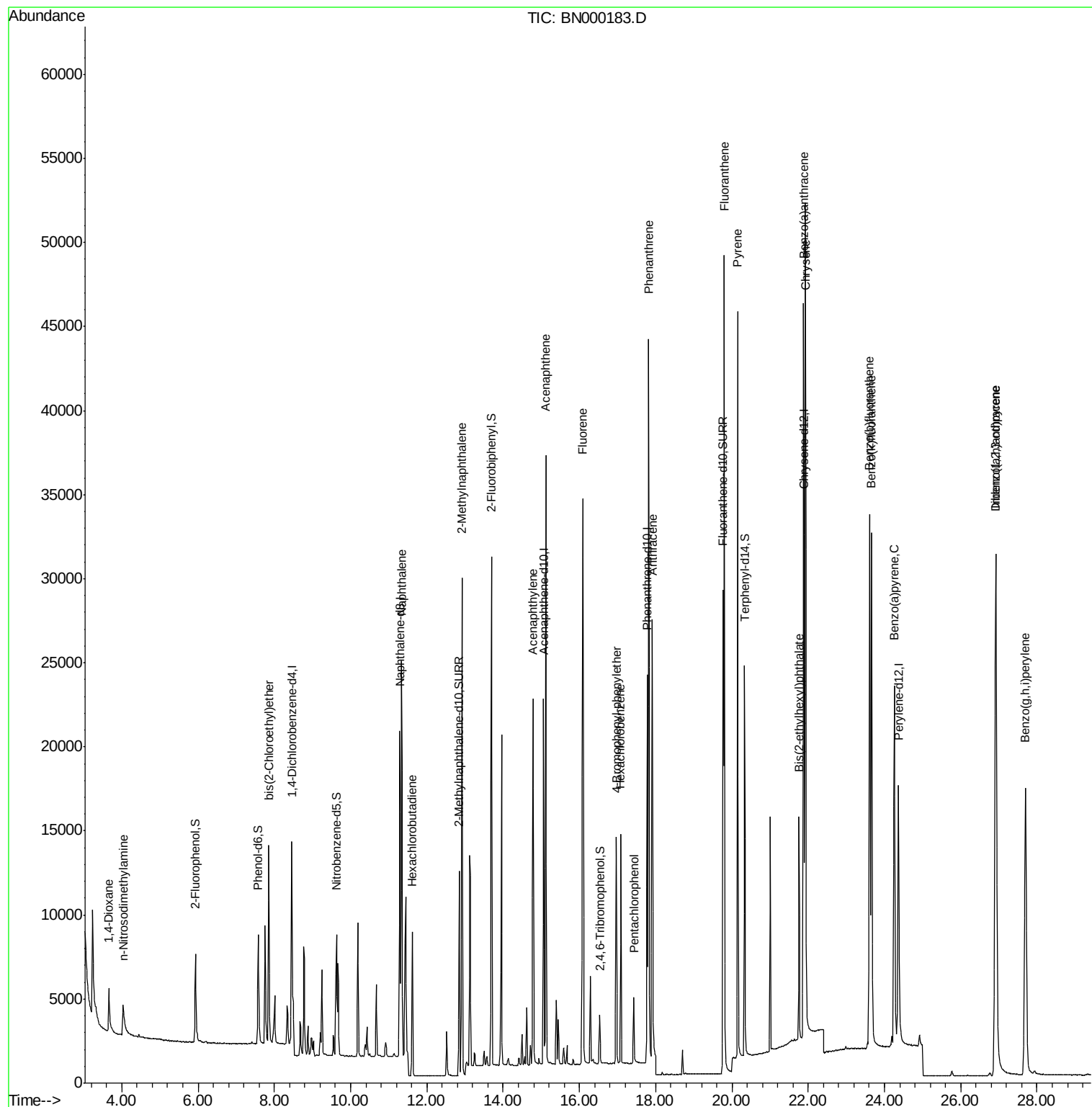
						Qvalue
2) 1,4-Dioxane	3.66	88	2710	0.334	ng	91
3) n-Nitrosodimethylamine	4.03	42	1871	0.350	ng	99
6) bis(2-Chloroethyl)ether	7.85	93	9828	0.416	ng	98
9) Naphthalene	11.34	128	31771	0.409	ng	97
10) Hexachlorobutadiene	11.62	225	5452	0.413	ng	97
12) 2-Methylnaphthalene	12.92	142	20619	0.405	ng	99
16) Acenaphthylene	14.78	152	24484	0.391	ng	100
17) Acenaphthene	15.13	154	19825	0.401	ng	97
18) Fluorene	16.09	166	24369	0.395	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	6863	0.398	ng	# 85
21) Hexachlorobenzene	17.09	284	9254	0.401	ng	96
22) Pentachlorophenol	17.43	266	2155	0.350	ng	99
23) Phenanthrene	17.82	178	42466	0.403	ng	99
24) Anthracene	17.91	178	31942	0.388	ng	# 95
26) Fluoranthene	19.80	202	43212	0.396	ng	# 96
28) Pyrene	20.15	202	43768	0.402	ng	100
30) Benzo(a)anthracene	21.88	228	34866	0.399	ng	97
31) Chrysene	21.93	228	41906	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	21.76	149	11965	0.368	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.91	276	39842	0.418	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	42364	0.393	ng	95
36) Benzo(k)fluoranthene	23.66	252	42396	0.402	ng	# 90
37) Benzo(a)pyrene	24.26	252	34494	0.393	ng	# 91
38) Dibenzo(a,h)anthracene	26.93	278	30718	0.393	ng	# 92
39) Benzo(g,h,i)perylene	27.70	276	37068	0.402	ng	# 87

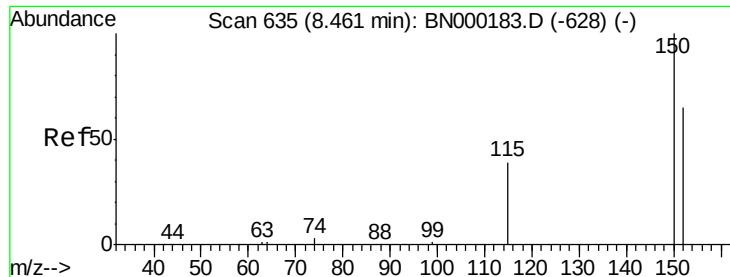
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN022718\
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Sample : SSTDICCC0.4
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Instrument :
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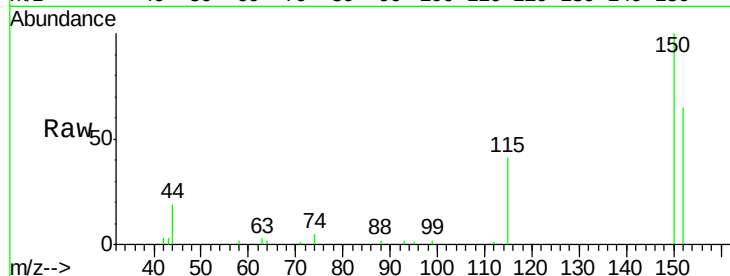


#1

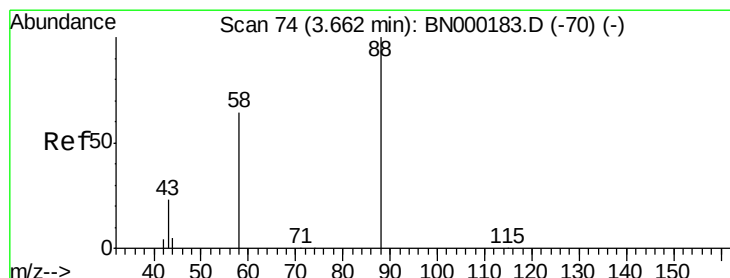
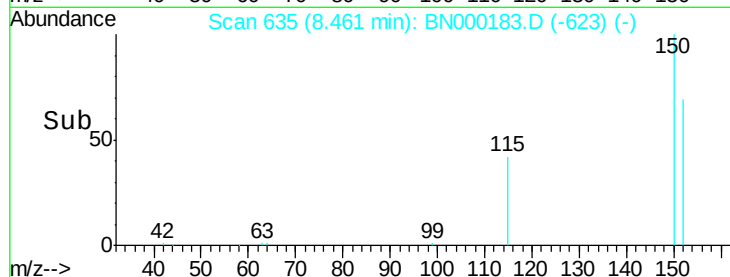
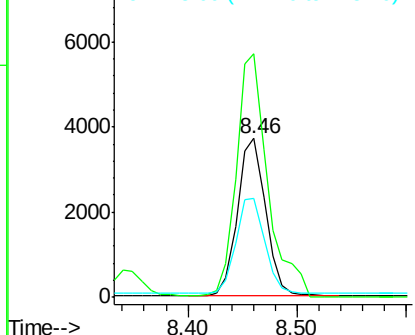
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 635
Delta R.T. 0.00 min
Lab File: BN000183.D
Acq: 27 Feb 2018 10:25

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 152 Resp: 6938
Ion Ratio Lower Upper
152 100
150 153.3 117.2 175.8
115 62.2 57.0 85.6



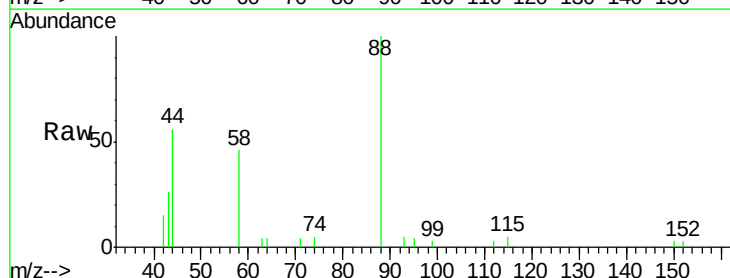
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



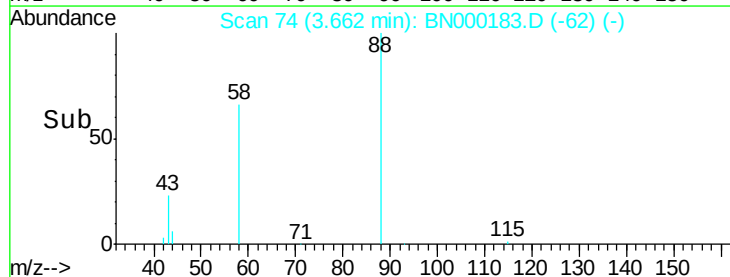
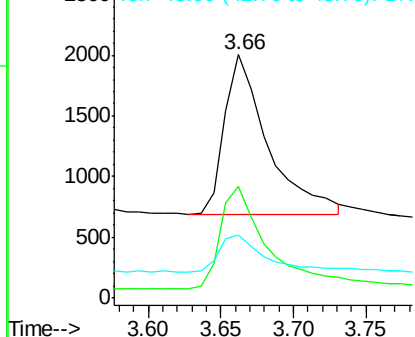
#2

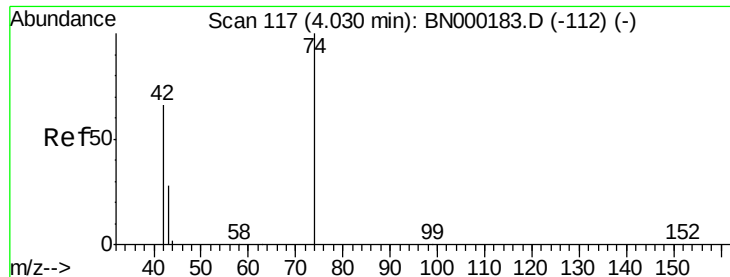
1,4-Dioxane
Concen: 0.334 ng
RT: 3.66 min Scan# 74
Delta R.T. 0.00 min
Lab File: BN000183.D
Acq: 27 Feb 2018 10:25

Tgt Ion: 88 Resp: 2710
Ion Ratio Lower Upper
88 100
58 69.4 48.0 72.0
43 24.9 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: 0.350 ng

RT: 4.03 min Scan# 117

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

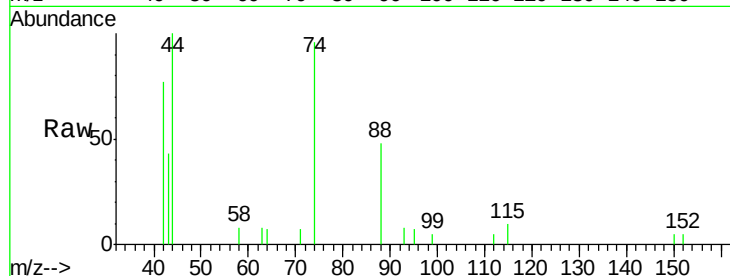
Tgt Ion: 42 Resp: 1871

Ion Ratio Lower Upper

42 100

74 148.9 120.0 180.0

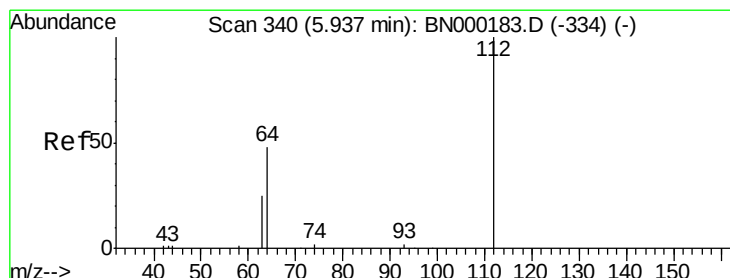
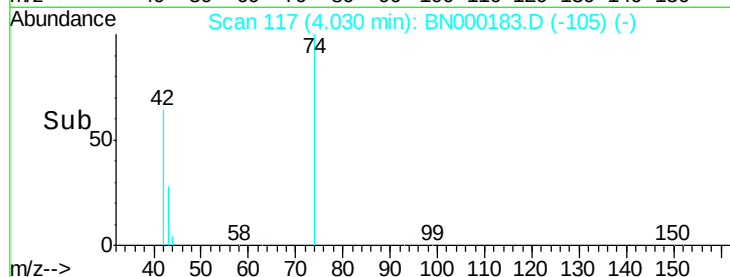
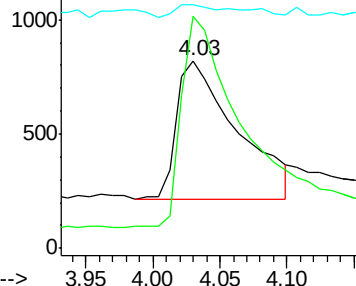
44 5.3 4.0 6.0



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: 0.410 ng

RT: 5.94 min Scan# 340

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

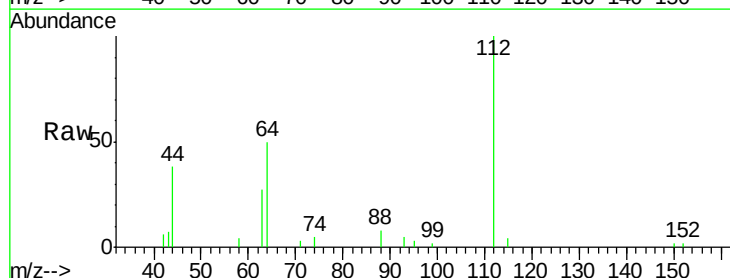
Tgt Ion: 112 Resp: 6011

Ion Ratio Lower Upper

112 100

64 54.0 60.1 90.1#

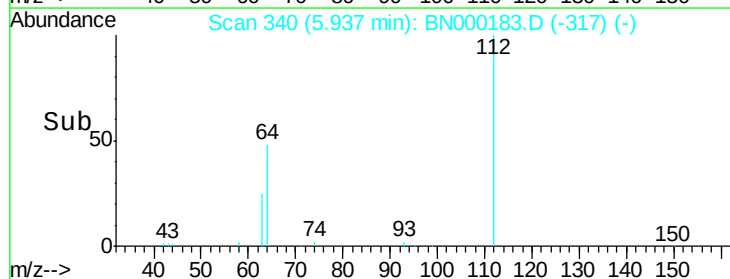
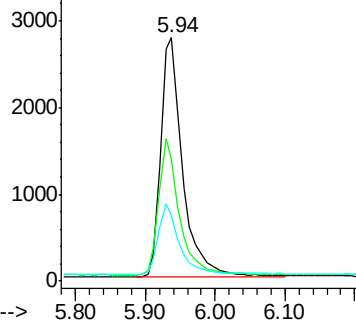
63 28.9 116.8 175.2#

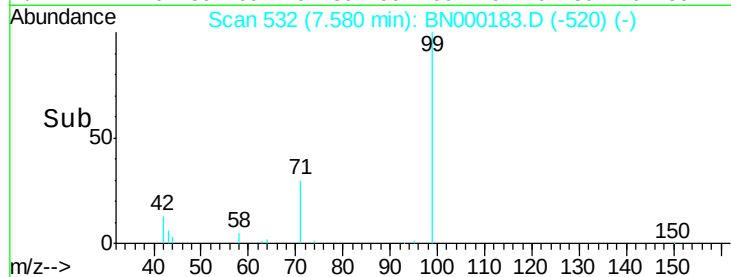
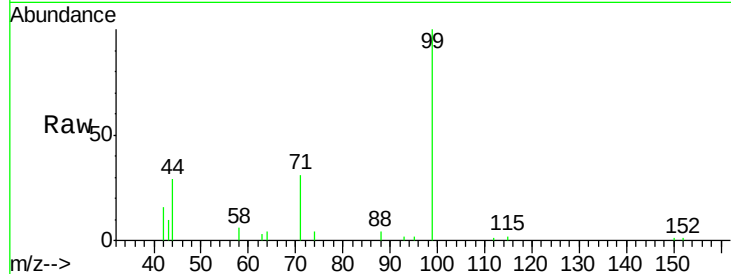
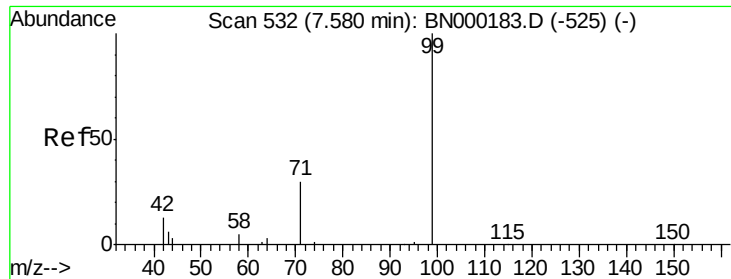


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.397 ng

RT: 7.58 min Scan# 532

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

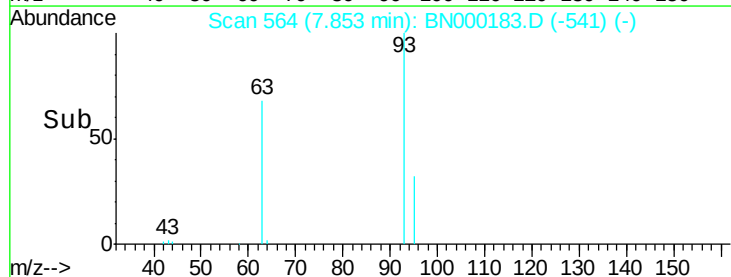
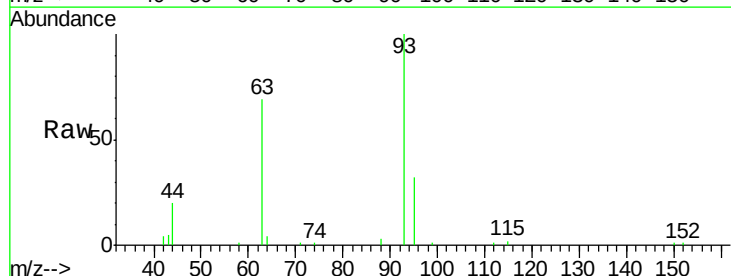
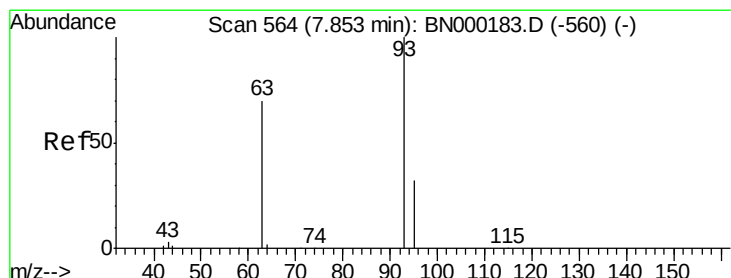
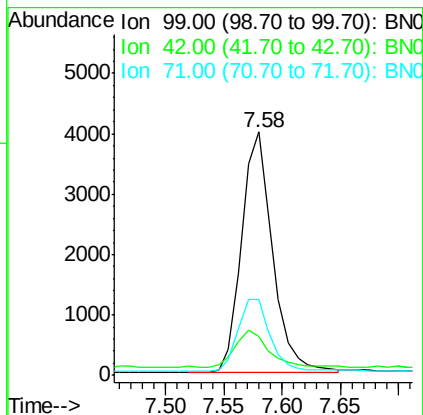
Tgt Ion: 99 Resp: 7396

Ion Ratio Lower Upper

99 100

42 16.6 20.2 30.2#

71 31.7 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.416 ng

RT: 7.85 min Scan# 564

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

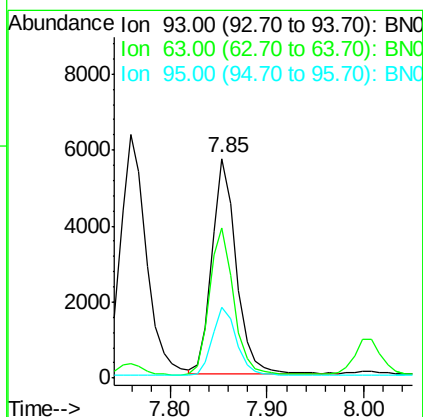
Tgt Ion: 93 Resp: 9828

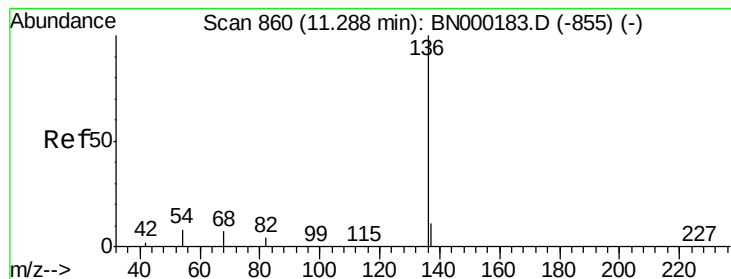
Ion Ratio Lower Upper

93 100

63 68.3 56.0 84.0

95 32.2 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: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 26583

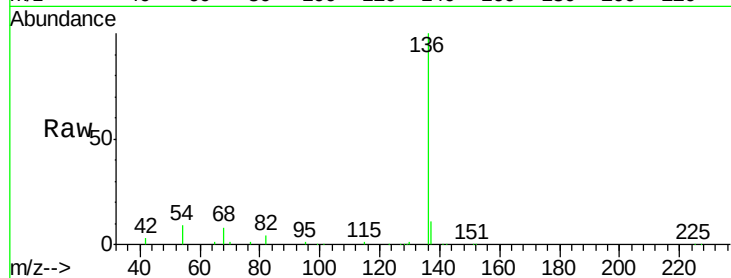
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 8.6 29.1 43.7#

68 7.9 6.2 9.2

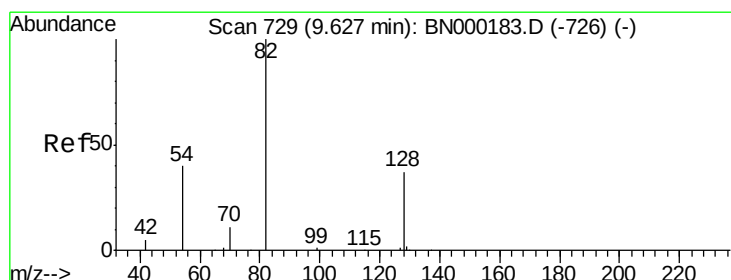
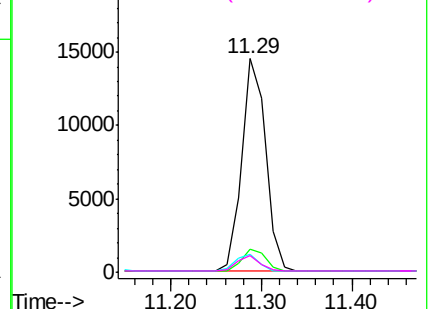
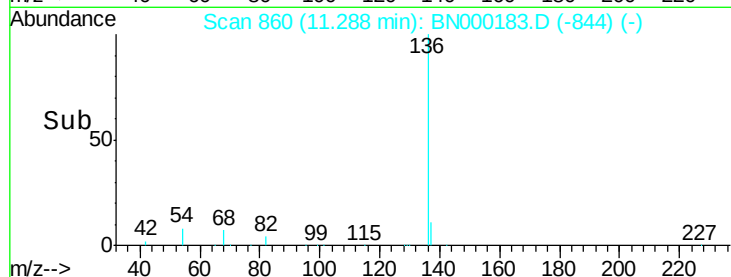


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 9.63 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

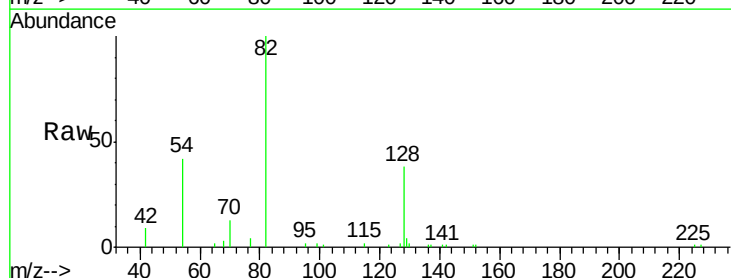
Tgt Ion: 82 Resp: 6338

Ion Ratio Lower Upper

82 100

128 38.2 150.0 225.0#

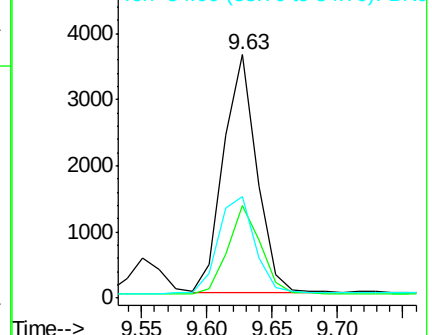
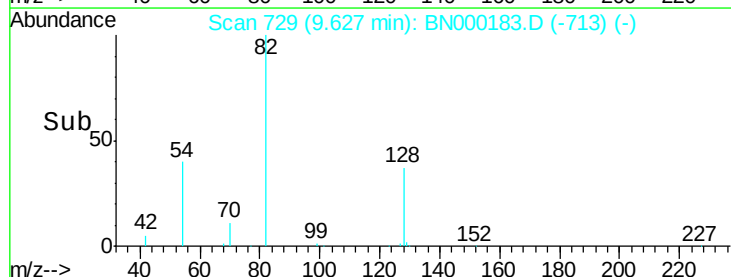
54 41.6 154.2 231.4#

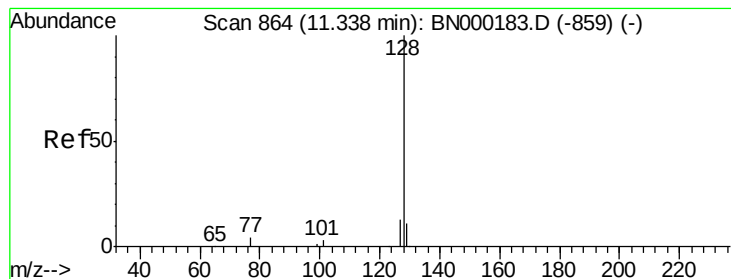


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 11.34 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

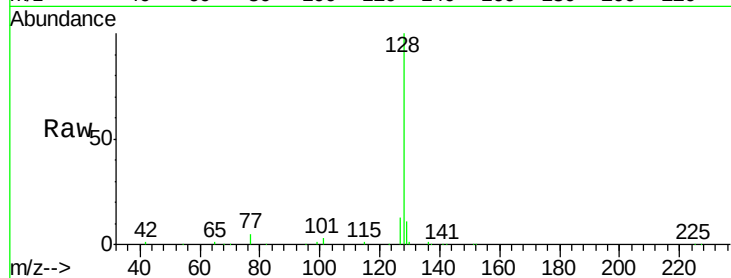
Tgt Ion:128 Resp: 31771

Ion Ratio Lower Upper

128 100

129 11.1 8.0 12.0

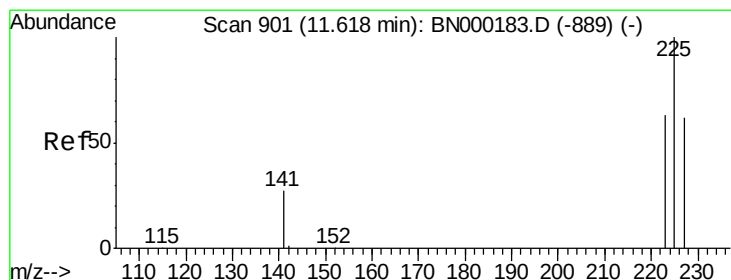
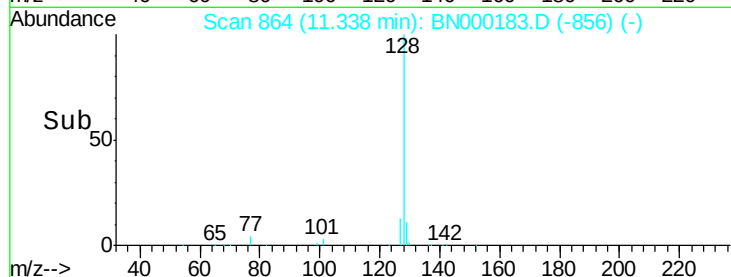
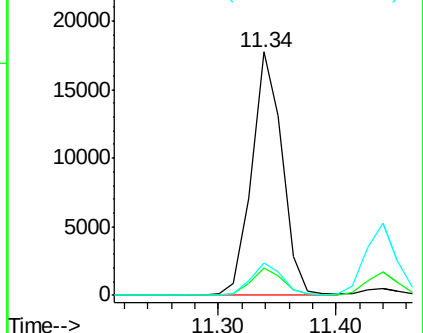
127 13.2 9.6 14.4



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: 0.413 ng

RT: 11.62 min Scan# 901

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

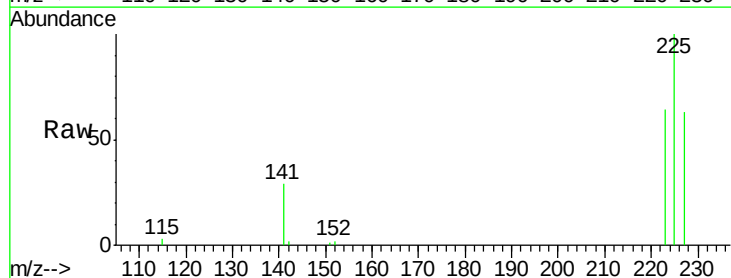
Tgt Ion:225 Resp: 5452

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

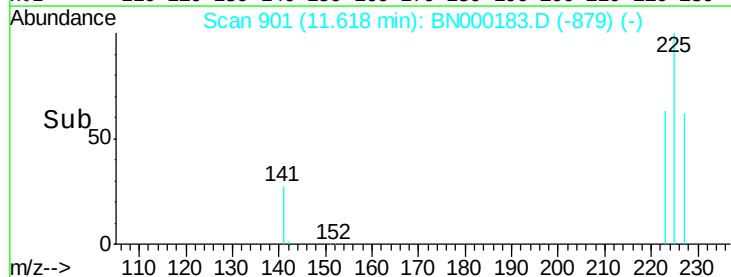
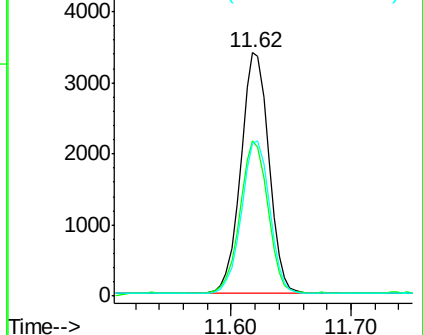
227 63.4 51.4 77.2

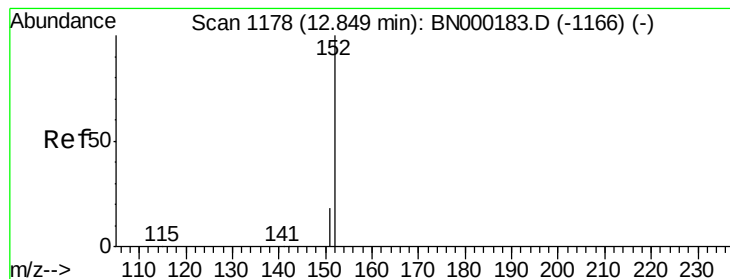


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.85 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

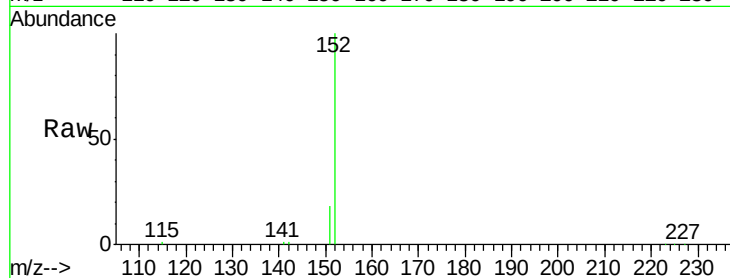
SSTDICCC0.4

Tgt Ion:152 Resp: 16278

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12000

10000

8000

6000

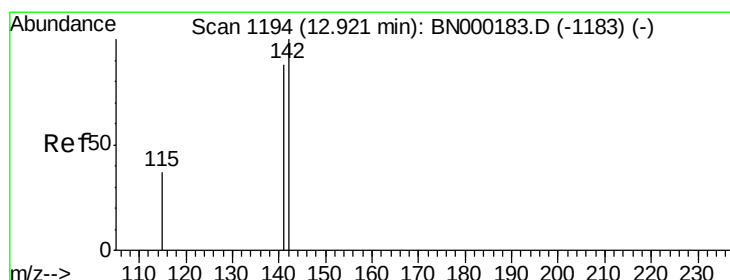
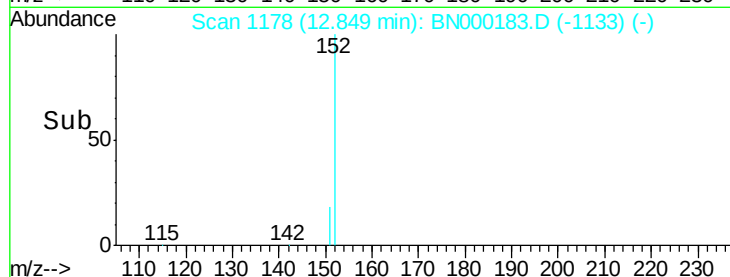
4000

2000

0

12.80 12.90

Time-->



#12

2-Methylnaphthalene

Concen: 0.405 ng

RT: 12.92 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

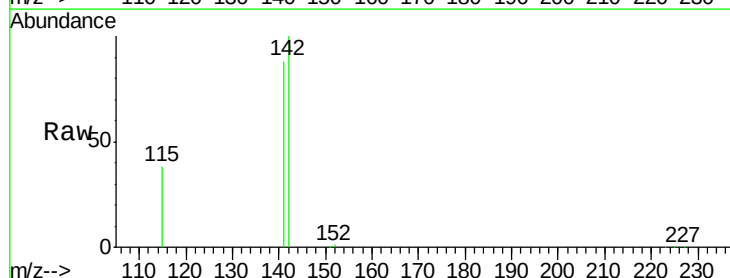
Tgt Ion:142 Resp: 20619

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

115 37.7 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

15000

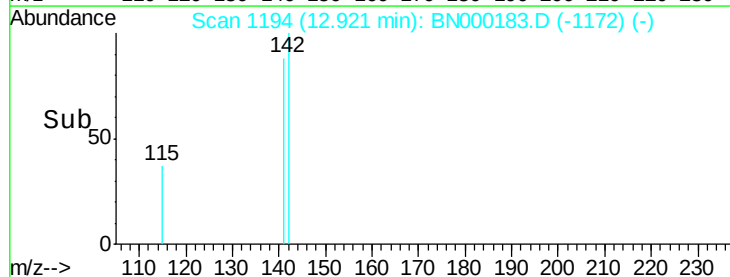
10000

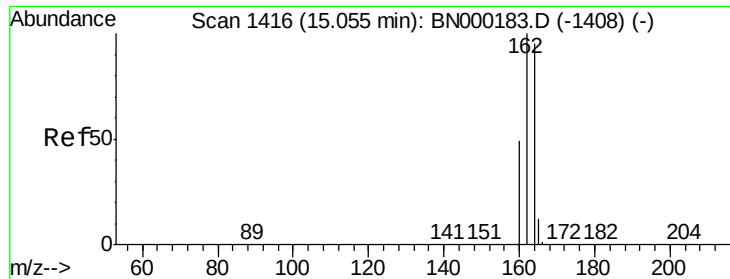
5000

0

12.90 13.00

Time-->

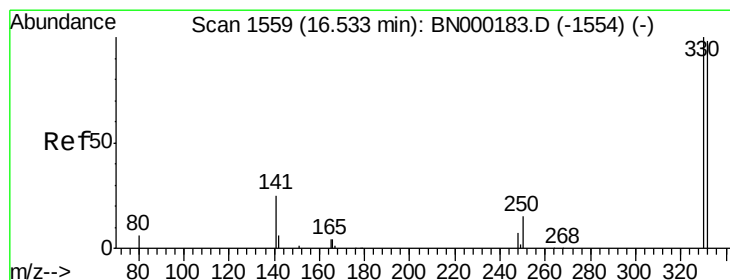
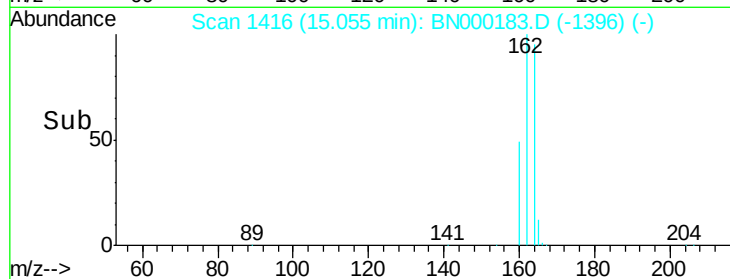
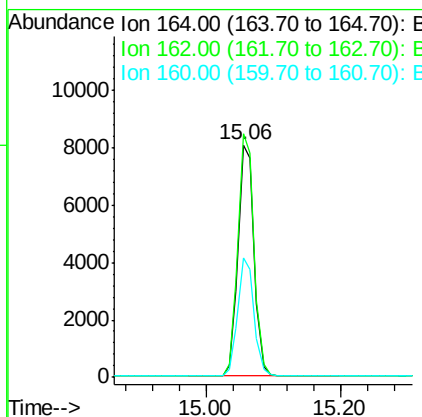
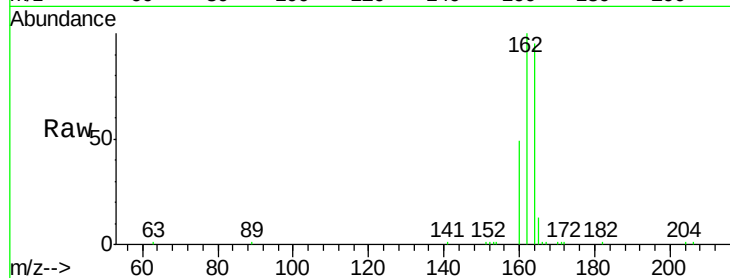




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

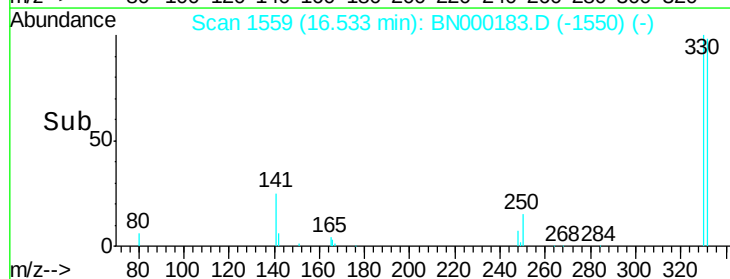
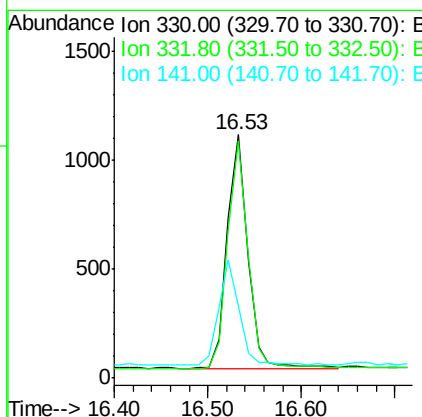
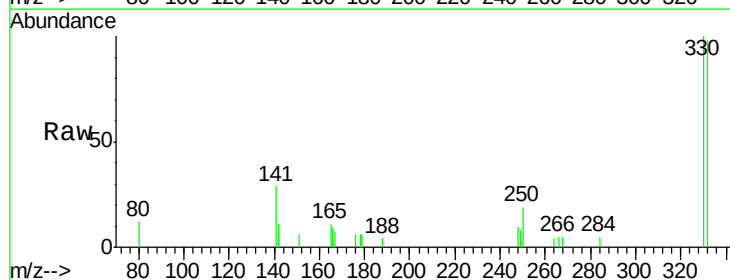
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

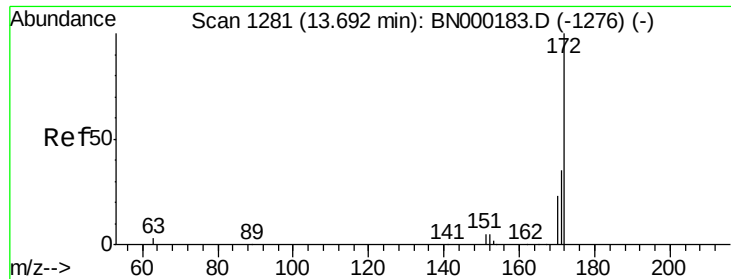
Tgt Ion:164 Resp: 13298
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.1 124.7
 160 51.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.374 ng
 RT: 16.53 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

Tgt Ion:330 Resp: 1654
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 44.3 33.7 50.5

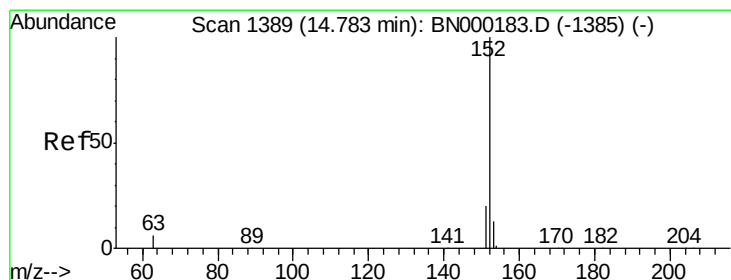
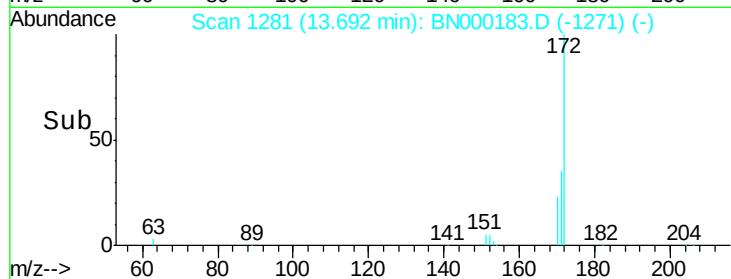
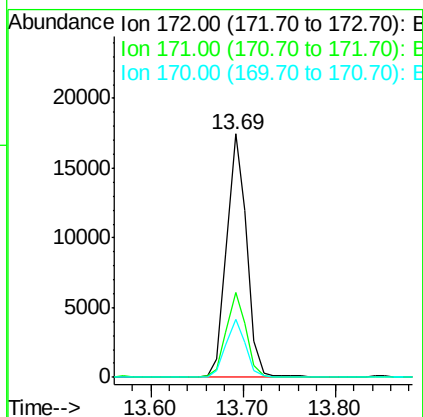
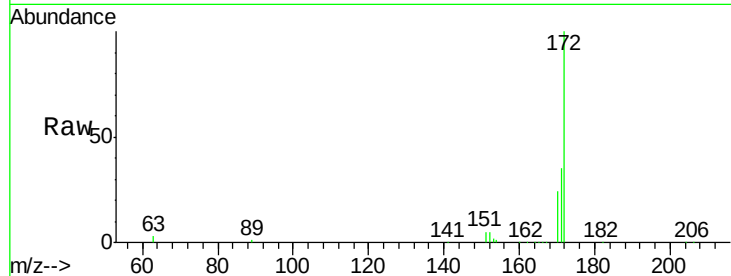




#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.69 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN000183.D
Acq: 27 Feb 2018 10:25

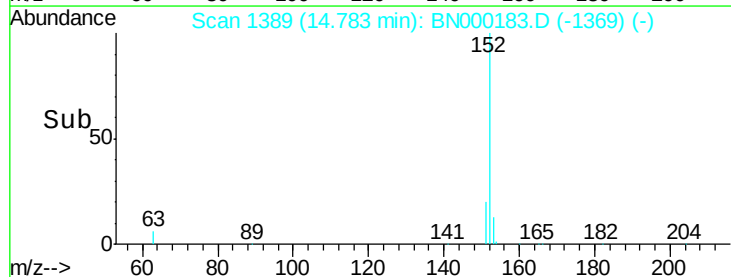
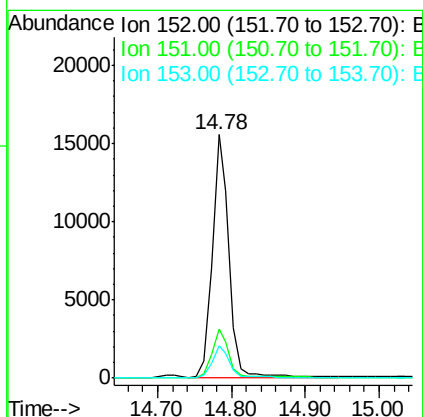
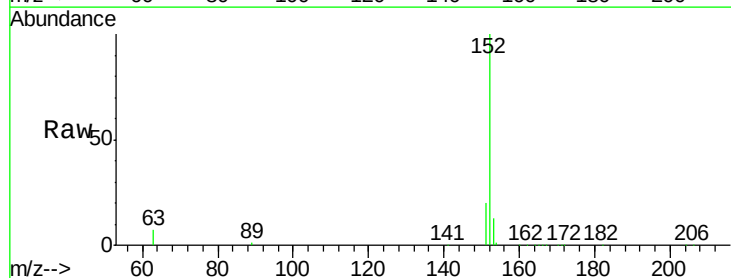
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

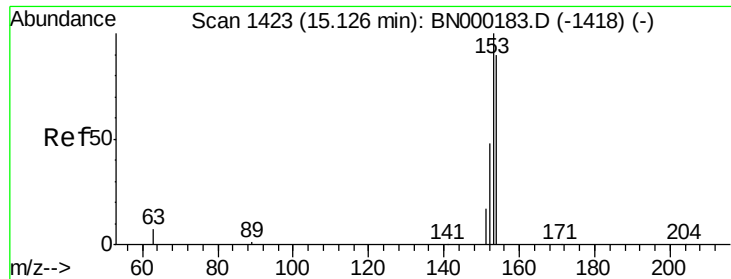
Tgt Ion:172 Resp: 25782
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 23.6 21.8 32.8



#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.78 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BN000183.D
Acq: 27 Feb 2018 10:25

Tgt Ion:152 Resp: 24484
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.5 15.7

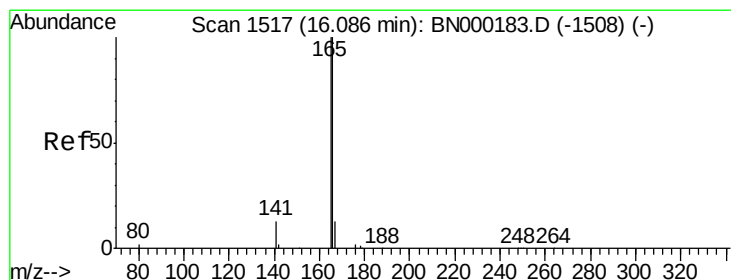
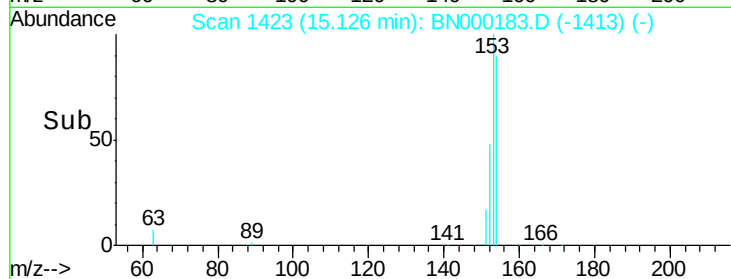
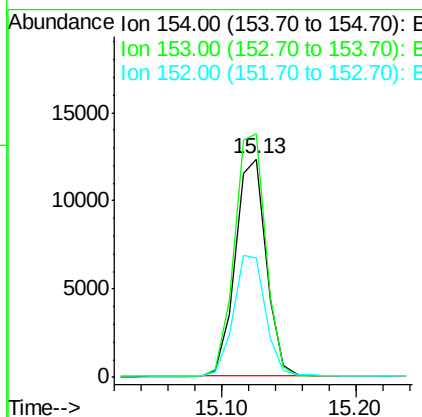
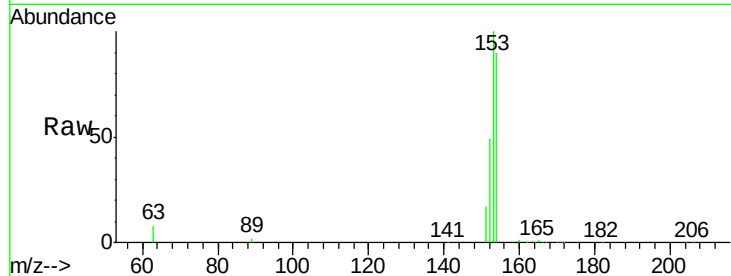




#17
Acenaphthene
Concen: 0.401 ng
RT: 15.13 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN000183.D
Acq: 27 Feb 2018 10:25

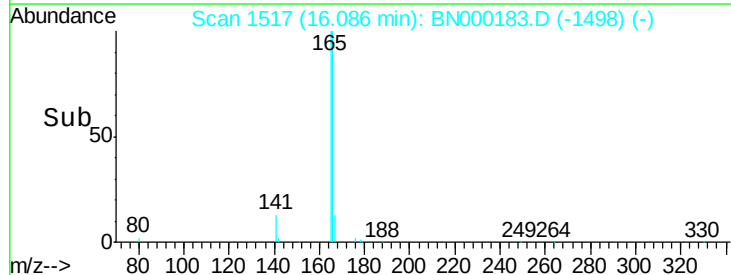
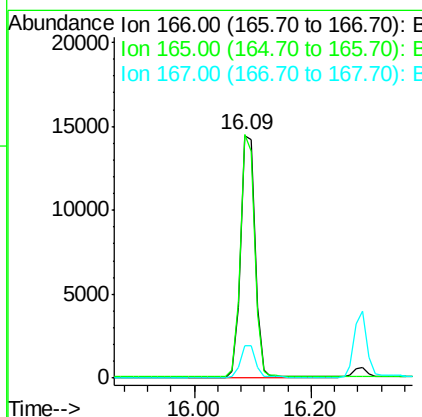
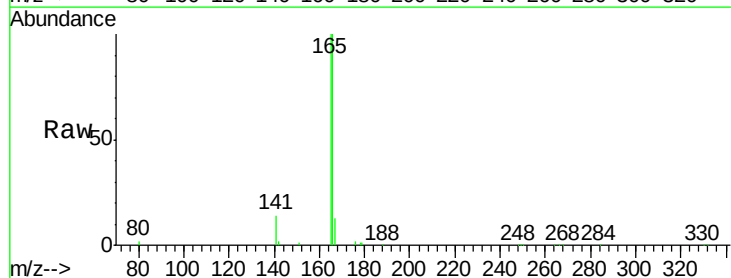
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

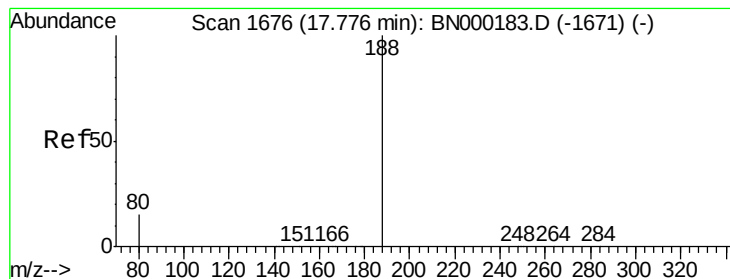
Tgt Ion:154 Resp: 19825
Ion Ratio Lower Upper
154 100
153 113.3 89.2 133.8
152 56.9 42.0 63.0



#18
Fluorene
Concen: 0.395 ng
RT: 16.09 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BN000183.D
Acq: 27 Feb 2018 10:25

Tgt Ion:166 Resp: 24369
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.6
167 13.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

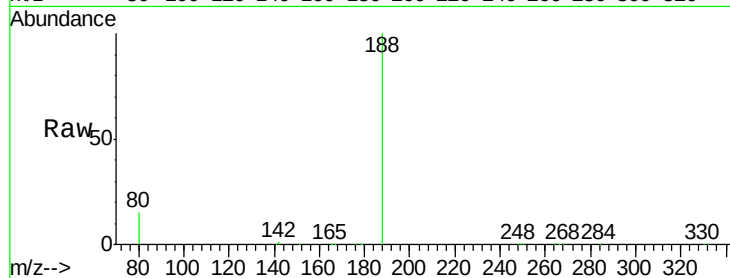
Tgt Ion:188 Resp: 29928

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

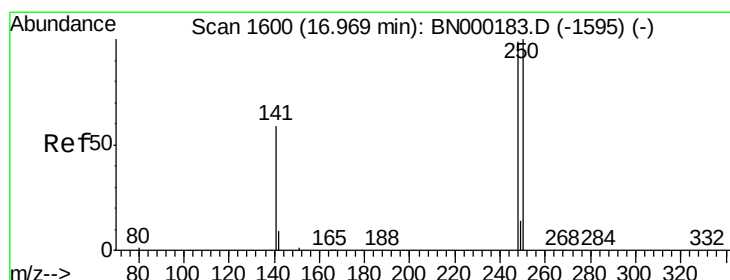
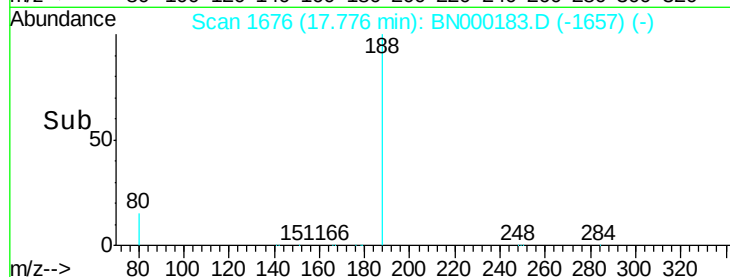
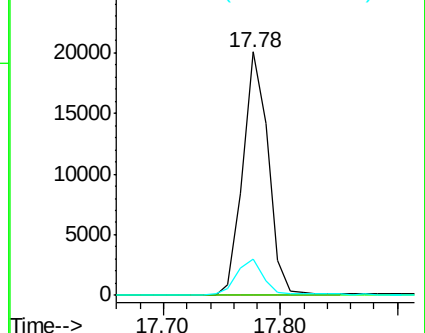
80 14.9 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.398 ng

RT: 16.97 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

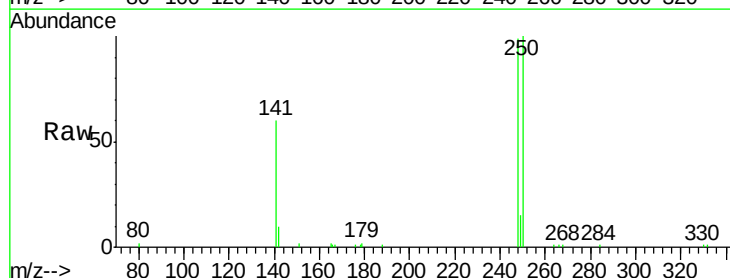
Tgt Ion:248 Resp: 6863

Ion Ratio Lower Upper

248 100

250 100.9 62.7 94.1#

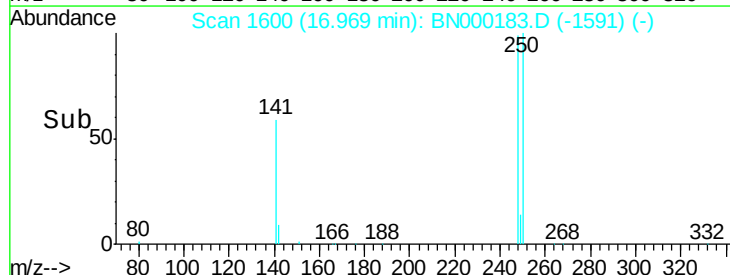
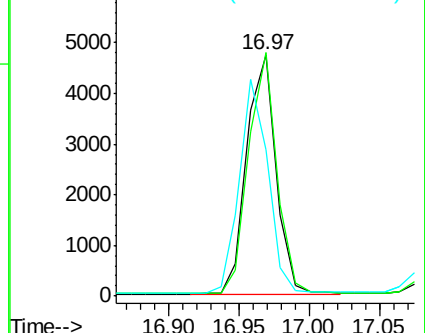
141 60.4 48.2 72.2

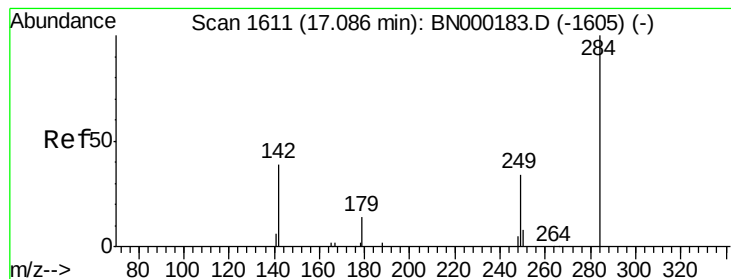


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.401 ng

RT: 17.09 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

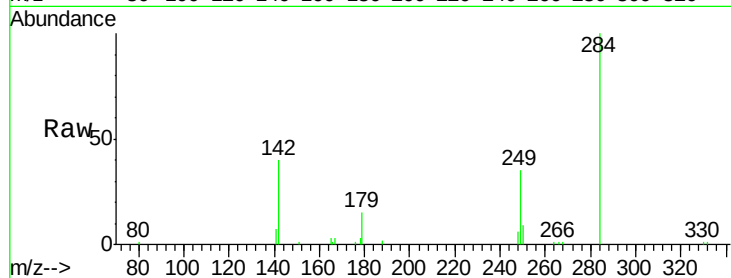
Tgt Ion:284 Resp: 9254

Ion Ratio Lower Upper

284 100

142 42.2 32.0 48.0

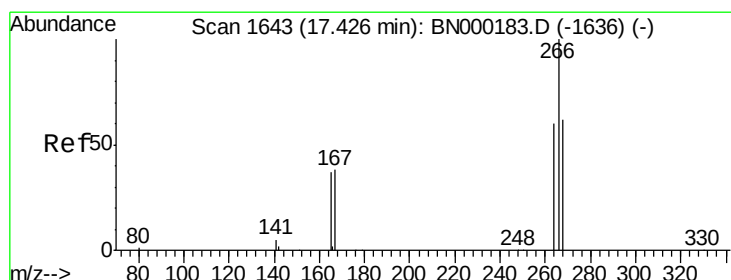
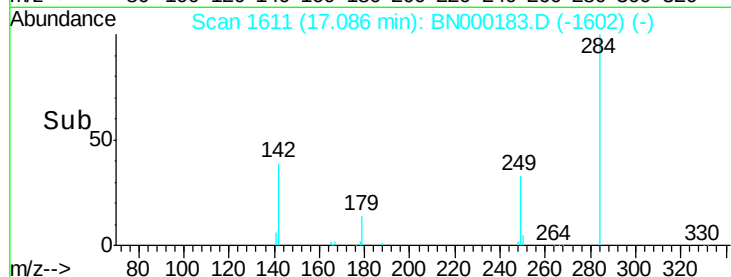
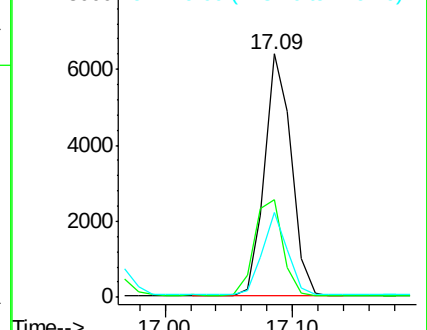
249 32.1 24.0 36.0



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: 0.350 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

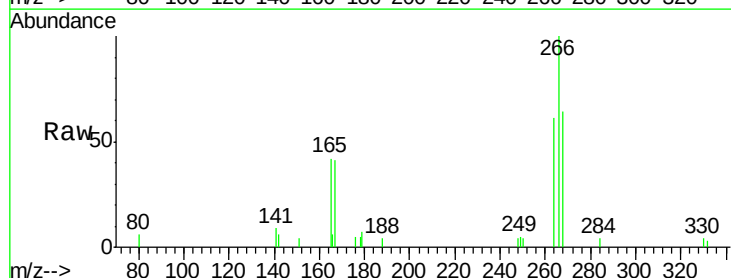
Tgt Ion:266 Resp: 2155

Ion Ratio Lower Upper

266 100

264 60.6 48.0 72.0

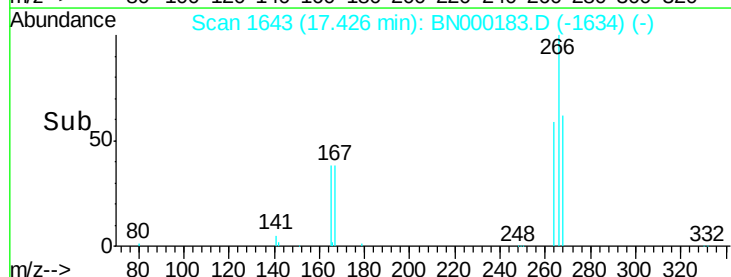
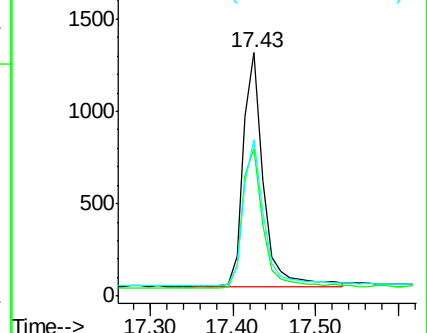
268 64.3 52.0 78.0

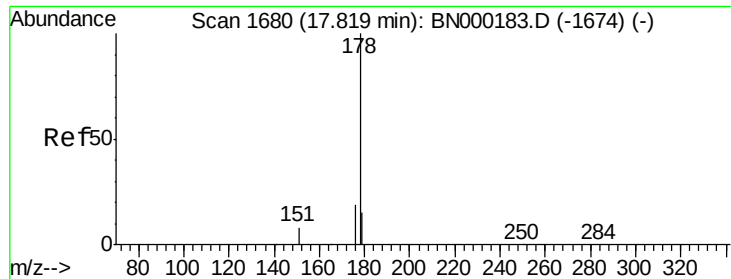


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.82 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

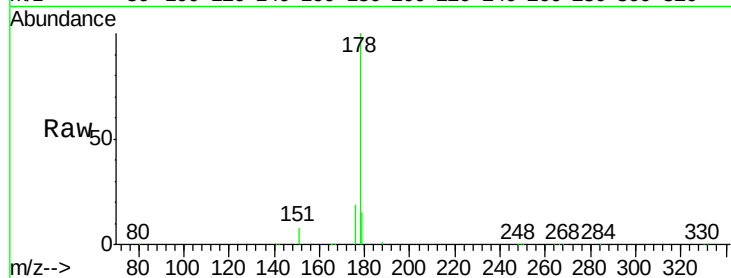
Tgt Ion:178 Resp: 42466

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

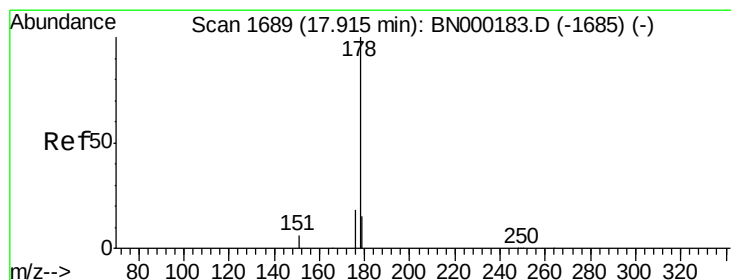
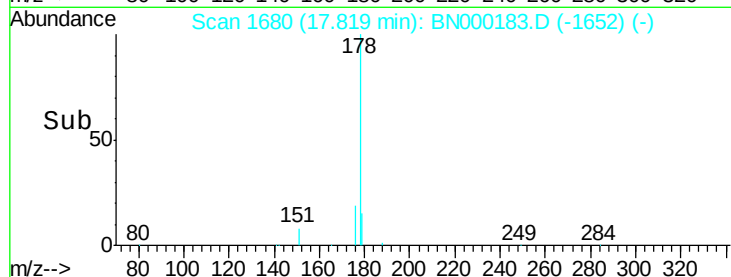
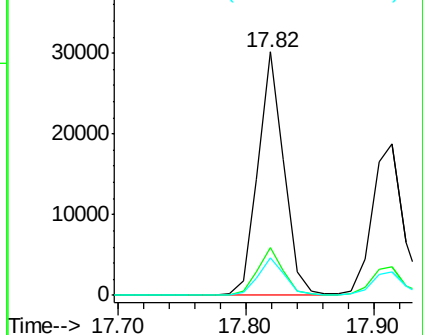
179 15.6 11.8 17.6



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: 0.388 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

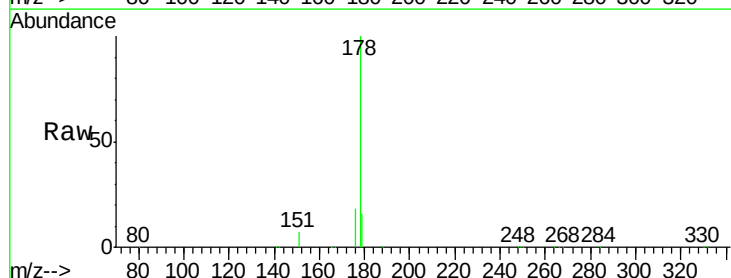
Tgt Ion:178 Resp: 31942

Ion Ratio Lower Upper

178 100

176 19.9 12.8 19.2#

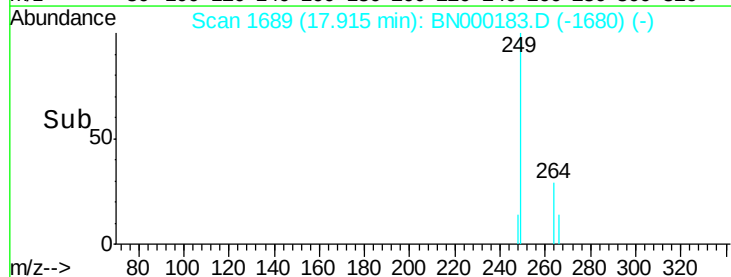
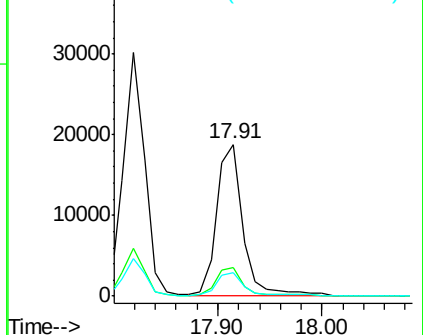
179 17.0 13.0 19.6

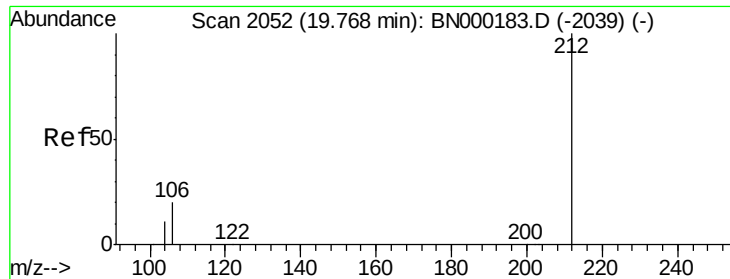


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.77 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

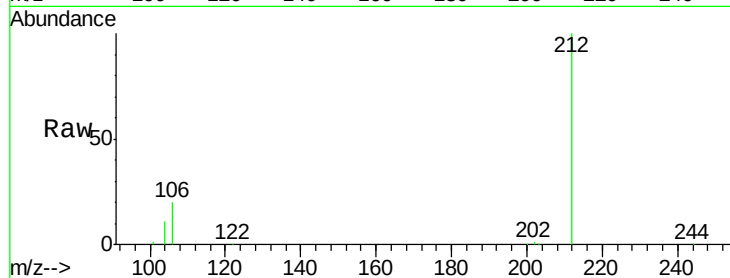
Tgt Ion:212 Resp: 31604

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

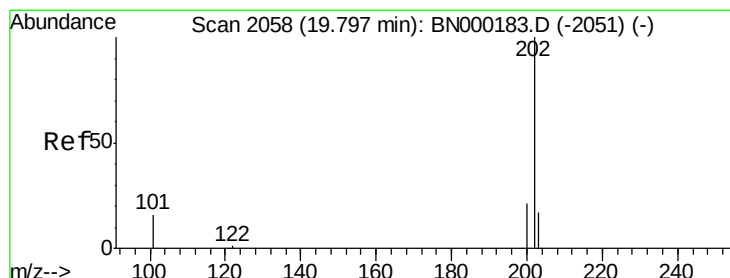
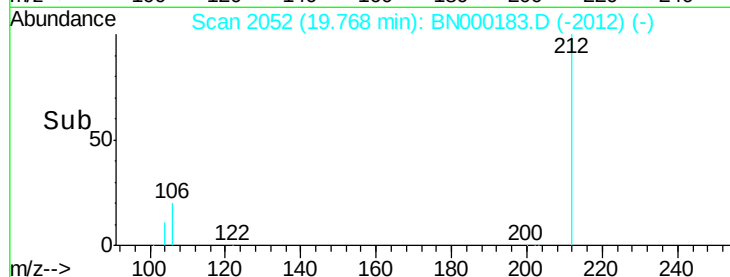
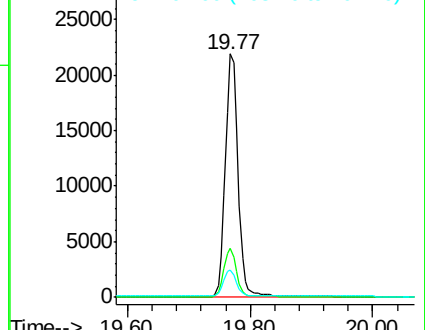
104 10.8 1.6 2.4#



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: 0.396 ng

RT: 19.80 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

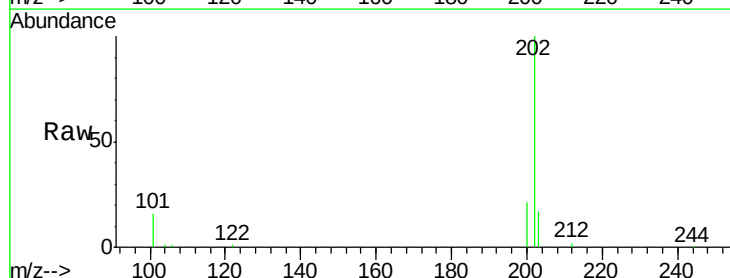
Tgt Ion:202 Resp: 43212

Ion Ratio Lower Upper

202 100

101 15.6 9.8 14.8#

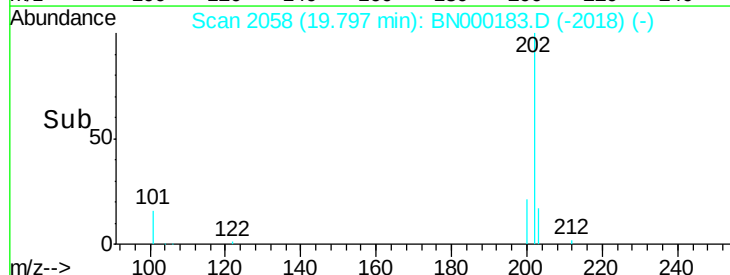
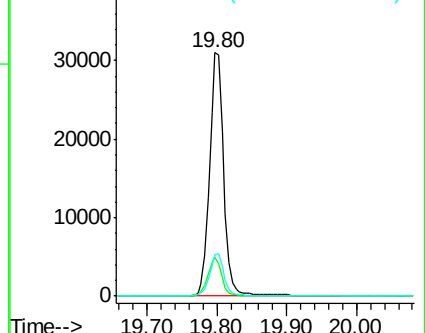
203 16.9 13.7 20.5

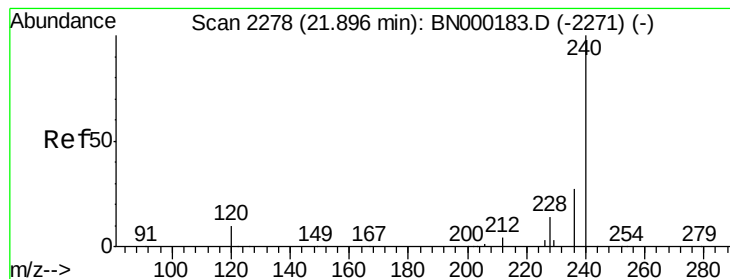


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

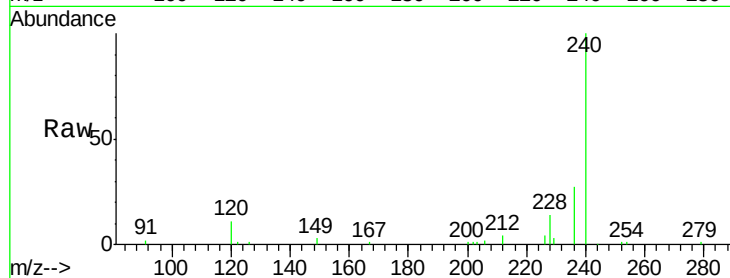
Tgt Ion:240 Resp: 27714

Ion Ratio Lower Upper

240 100

120 11.0 5.5 8.3#

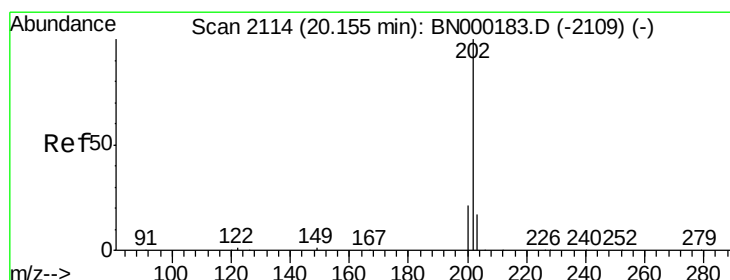
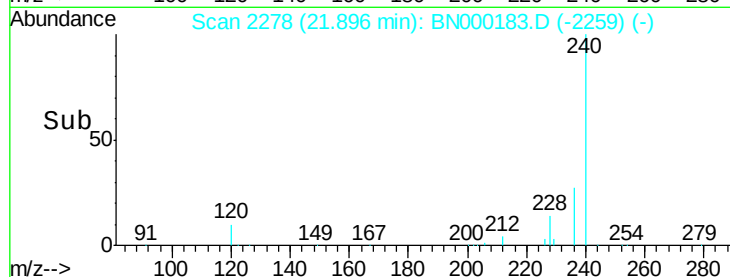
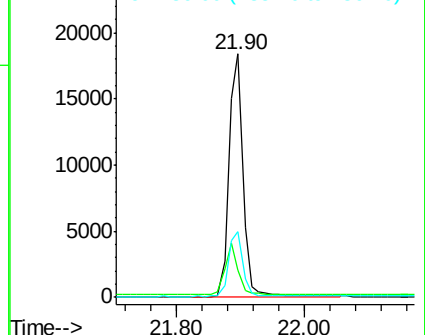
236 27.0 20.7 31.1



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: 0.402 ng

RT: 20.15 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

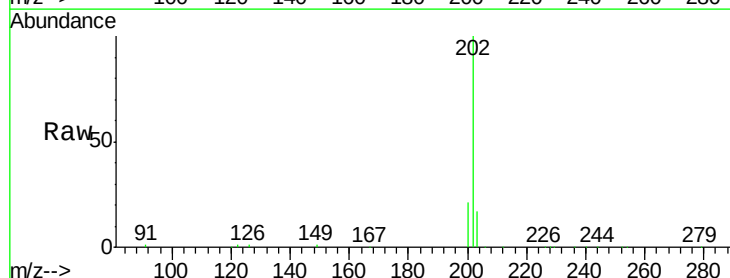
Tgt Ion:202 Resp: 43768

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

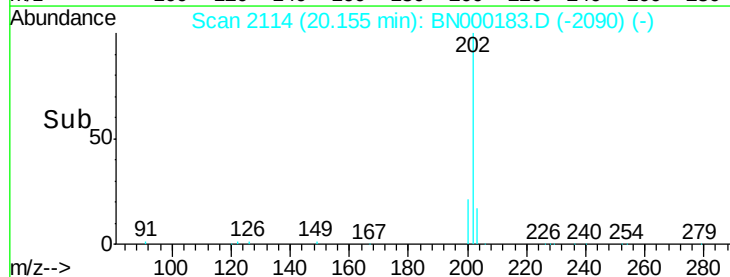
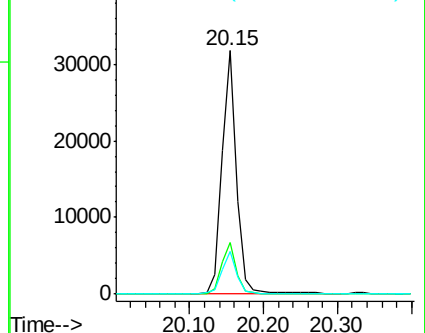
203 17.3 13.8 20.8

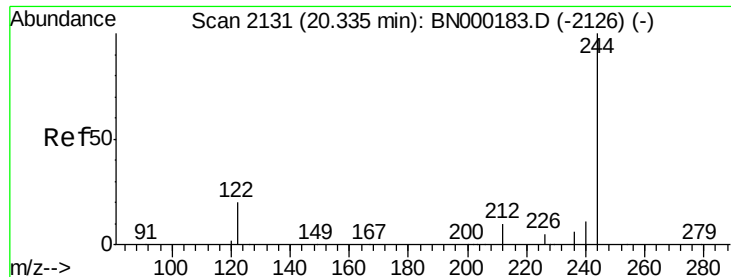


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 20.34 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

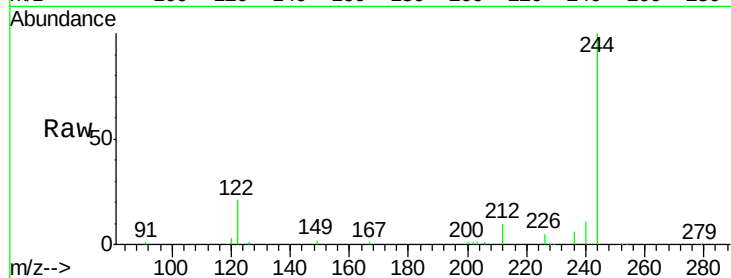
Tgt Ion:244 Resp: 19778

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

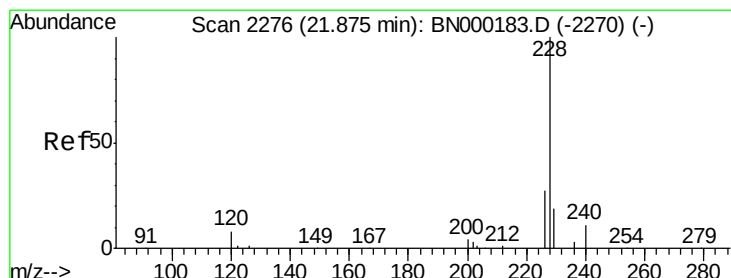
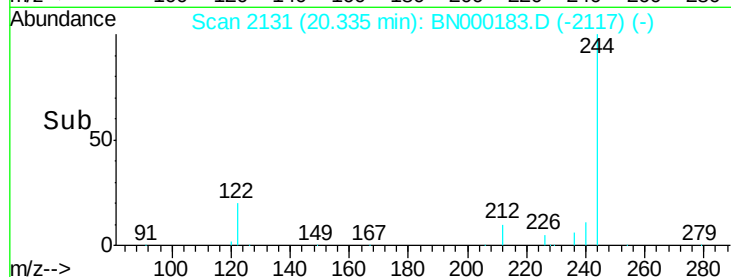
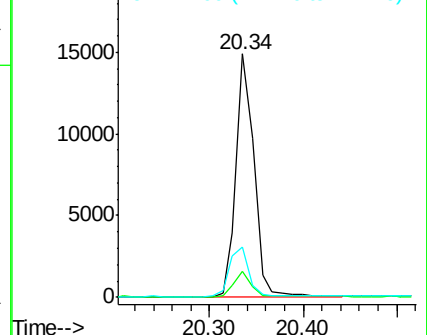
122 20.6 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.399 ng

RT: 21.88 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

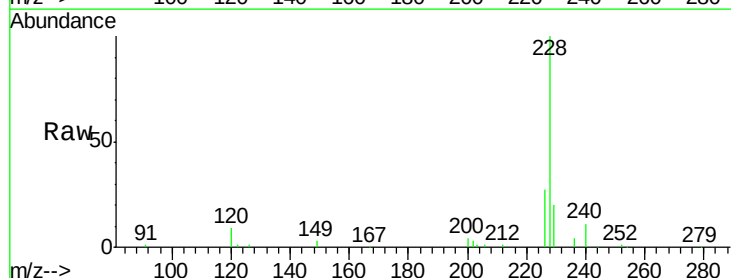
Tgt Ion:228 Resp: 34866

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

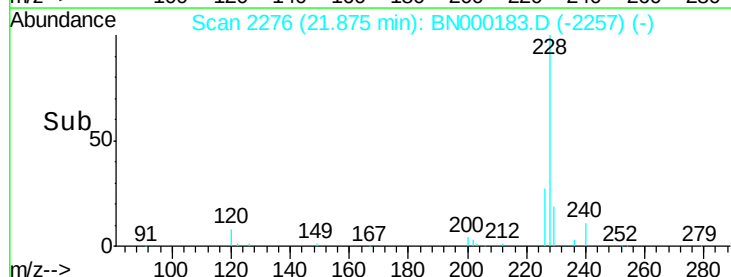
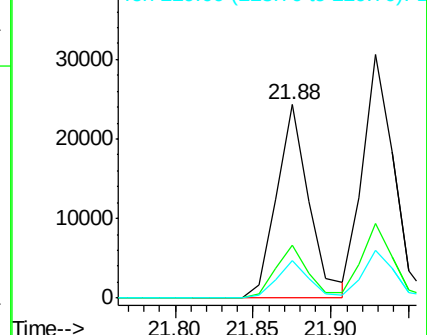
229 19.6 16.0 24.0

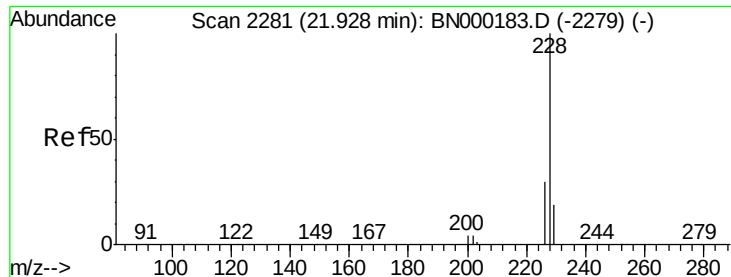


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.93 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

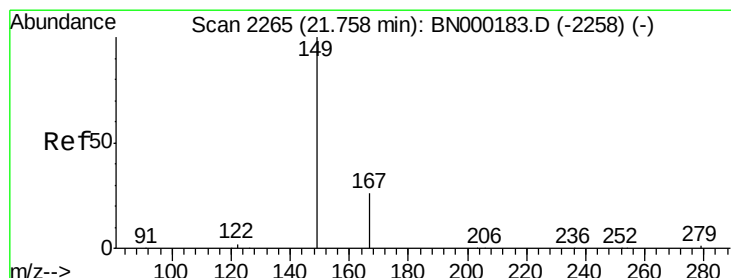
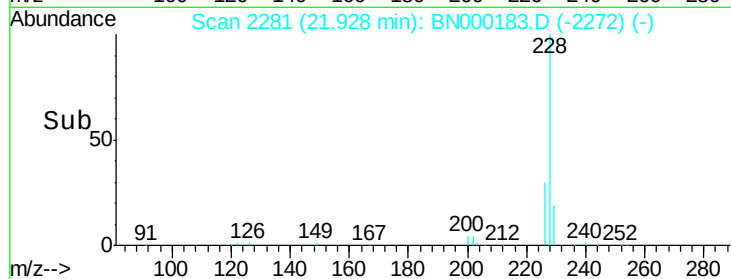
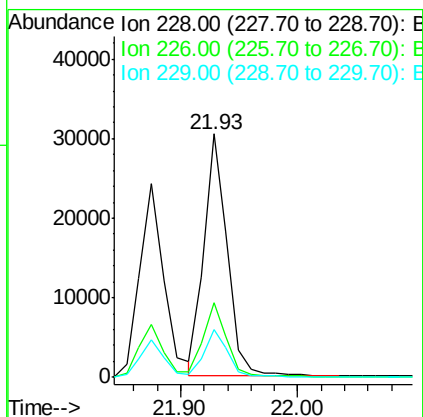
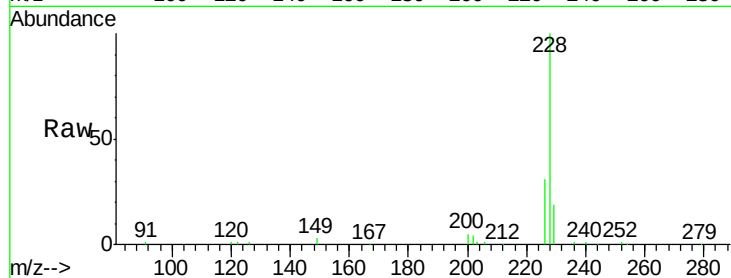
Tgt Ion:228 Resp: 41906

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 19.4 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.368 ng

RT: 21.76 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

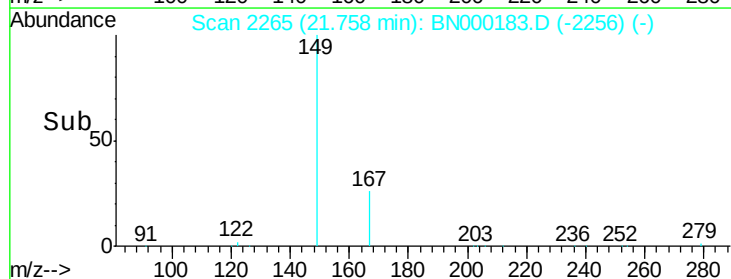
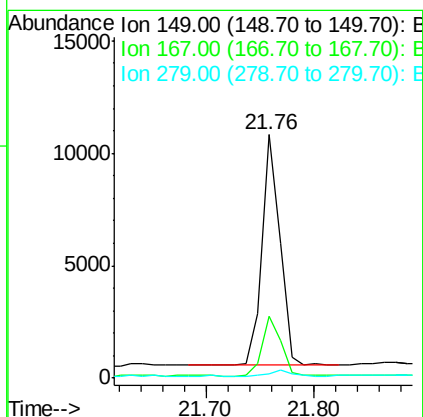
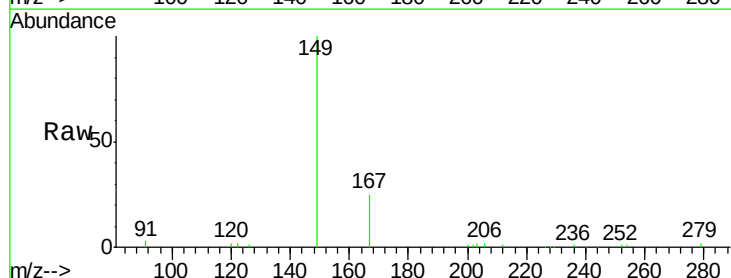
Tgt Ion:149 Resp: 11965

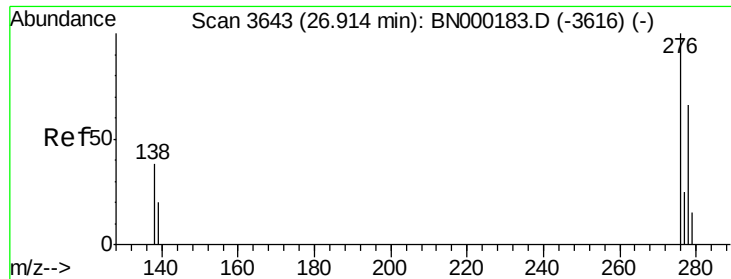
Ion Ratio Lower Upper

149 100

167 26.0 20.0 30.0

279 2.5 1.6 2.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.418 ng

RT: 26.91 min Scan# 3643

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

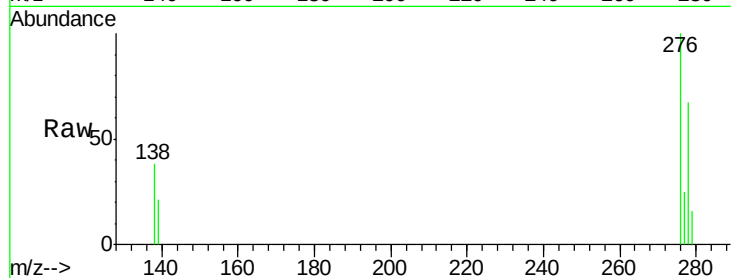
Tgt Ion:276 Resp: 39842

Ion Ratio Lower Upper

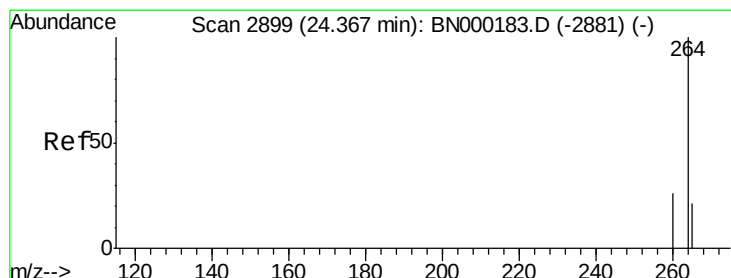
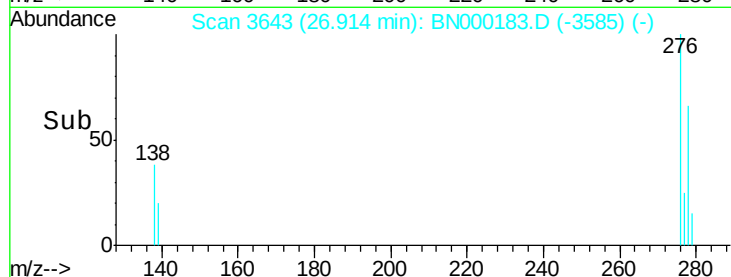
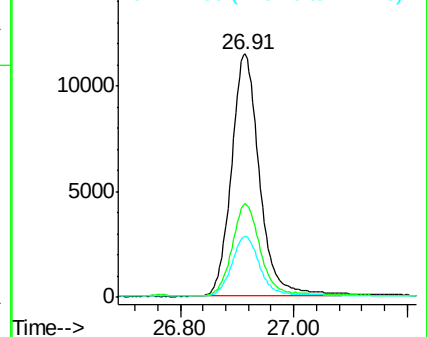
276 100

138 38.7 22.5 33.7#

277 24.6 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: BN000183.D

Acq: 27 Feb 2018 10:25

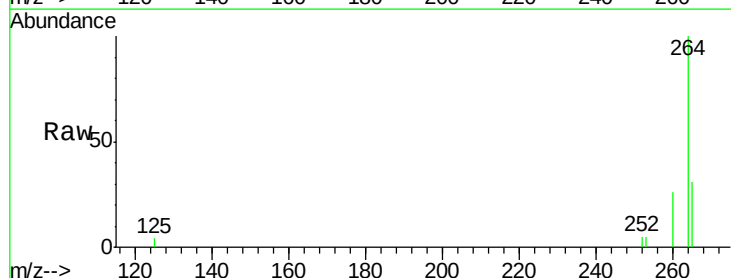
Tgt Ion:264 Resp: 23589

Ion Ratio Lower Upper

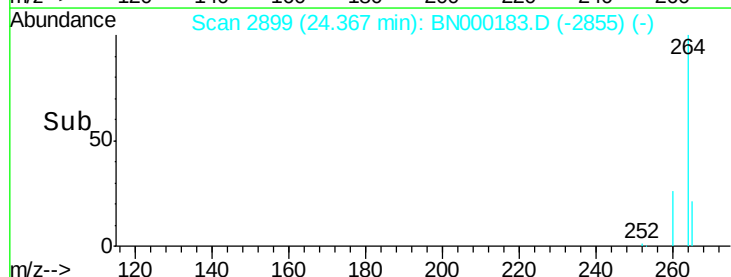
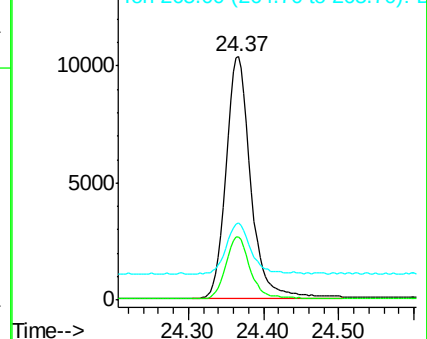
264 100

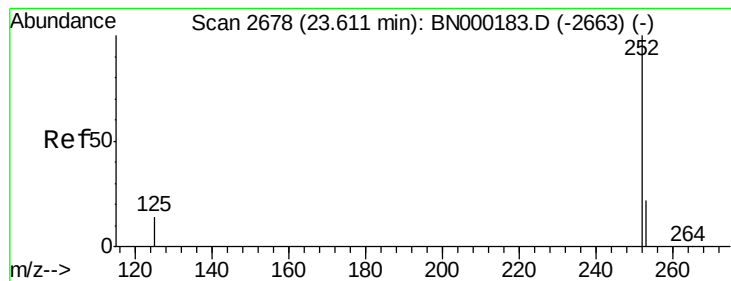
260 25.8 20.5 30.7

265 31.5 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: 0.393 ng

RT: 23.61 min Scan# 2678

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

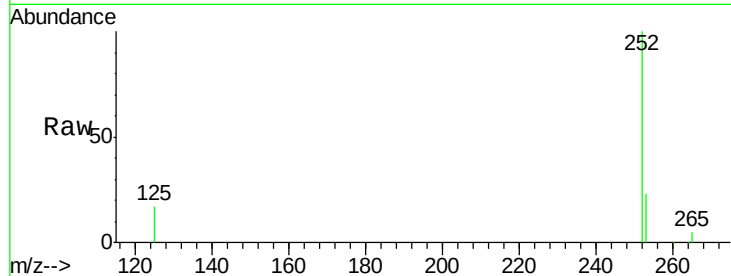
Tgt Ion:252 Resp: 42364

Ion Ratio Lower Upper

252 100

253 23.1 20.0 30.0

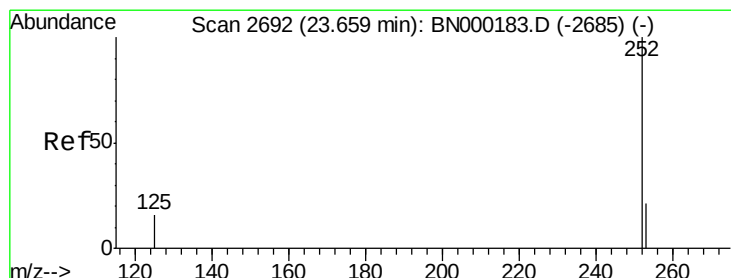
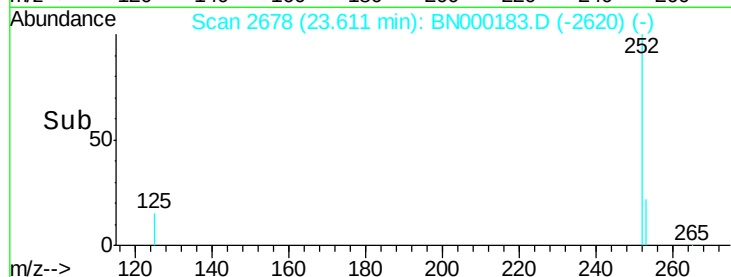
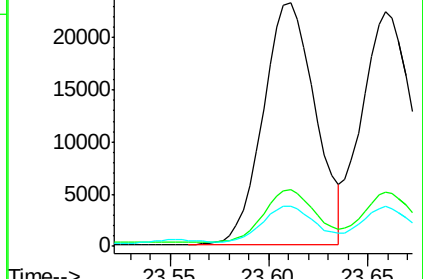
125 16.6 16.0 24.0



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: 0.402 ng

RT: 23.66 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

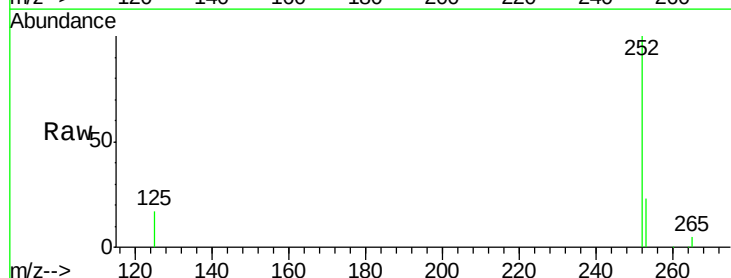
Tgt Ion:252 Resp: 42396

Ion Ratio Lower Upper

252 100

253 22.9 16.0 24.0

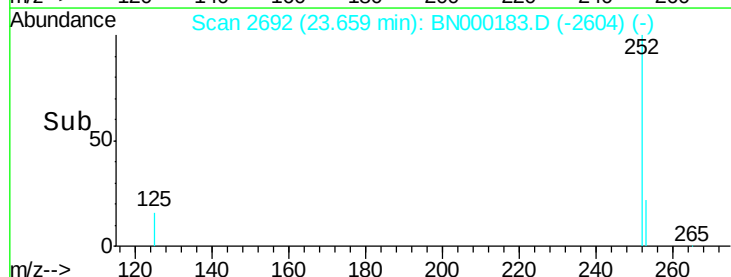
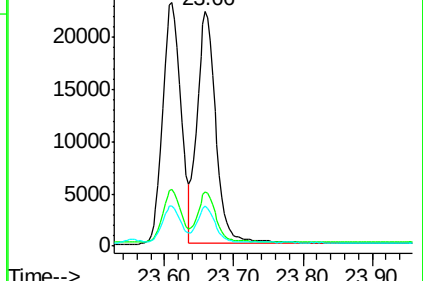
125 16.8 8.0 12.0#

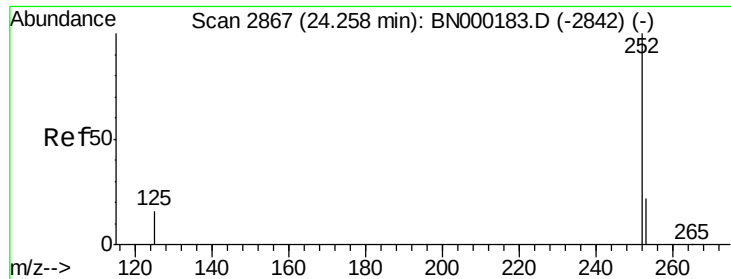


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 24.26 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

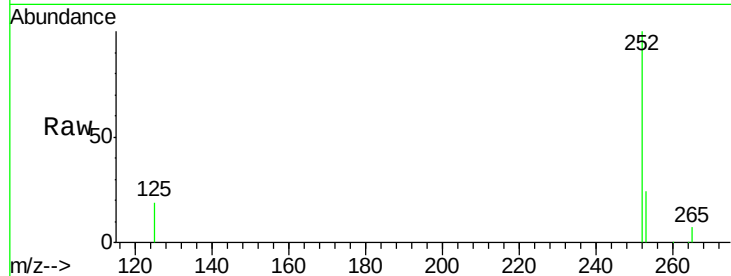
Tgt Ion:252 Resp: 34494

Ion Ratio Lower Upper

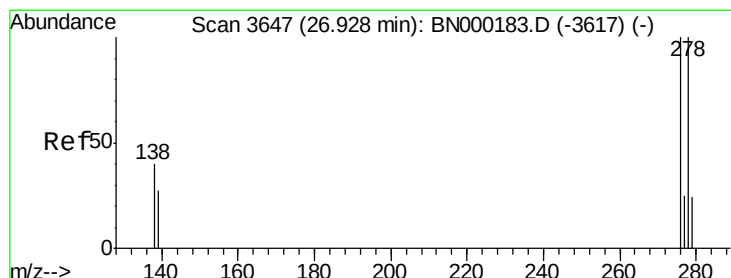
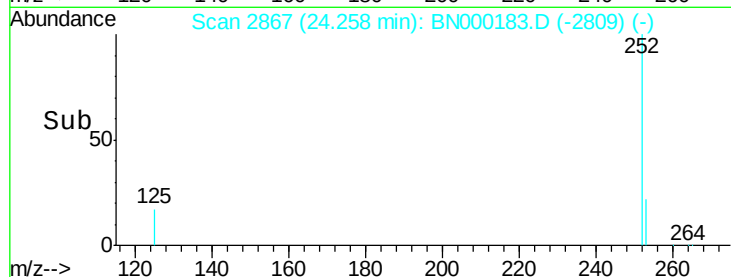
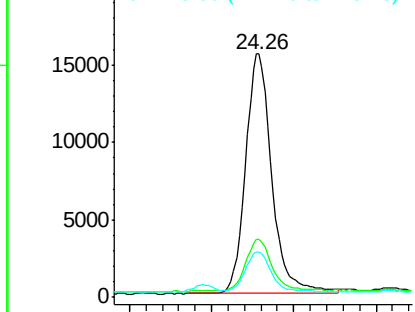
252 100

253 24.0 16.0 24.0

125 18.6 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: 0.393 ng

RT: 26.93 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

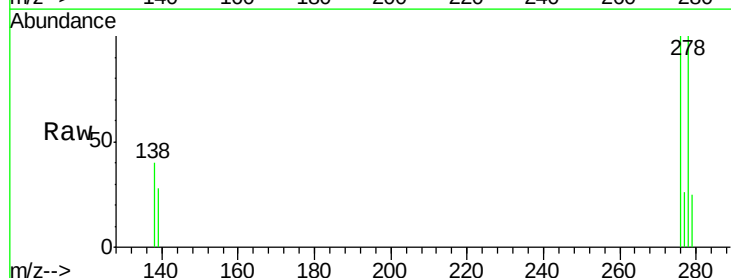
Tgt Ion:278 Resp: 30718

Ion Ratio Lower Upper

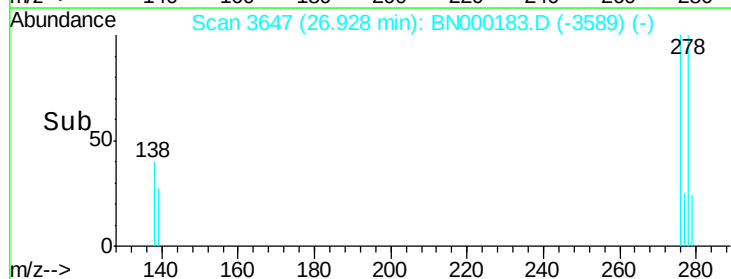
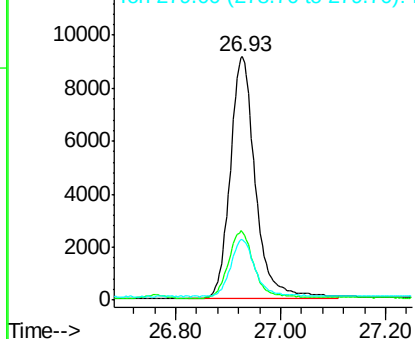
278 100

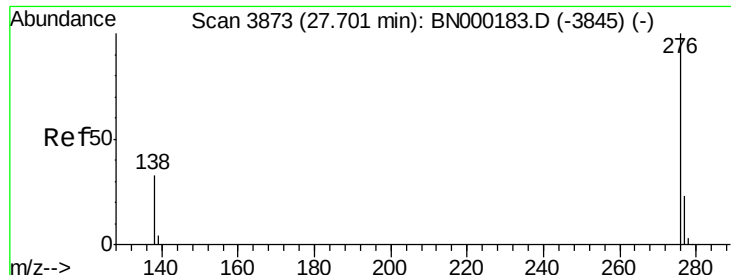
139 27.8 16.0 24.0#

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: 0.402 ng

RT: 27.70 min Scan# 3873

Delta R.T. 0.00 min

Lab File: BN000183.D

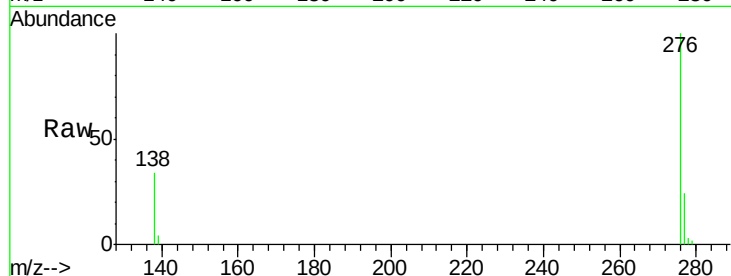
Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4



Tgt Ion:276 Resp: 37068

Ion Ratio Lower Upper

276 100

277 23.5 16.0 24.0

138 33.7 20.0 30.0#

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

