

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
 Data File : BN003309.D
 Acq On : 26 Oct 2018 17:42
 Operator : MJ/SJ
 Sample : PB114054BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114054BL

Quant Time: Oct 27 00:42:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 26 15:17:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	17394	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	69009	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	36438	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	88396	0.40	ng	0.00
27) Chrysene-d12	21.42	240	84992	0.40	ng	0.00
34) Perylene-d12	23.74	264	70619	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	19853	0.46	ng	0.00
5) Phenol-d6	7.02	99	24055	0.44	ng	0.00
8) Nitrobenzene-d5	9.02	82	12552	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	43233	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	4591	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	65617	0.42	ng	-0.01
25) Fluoranthene-d10	19.27	212	105370	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	77844	0.39	ng	0.00

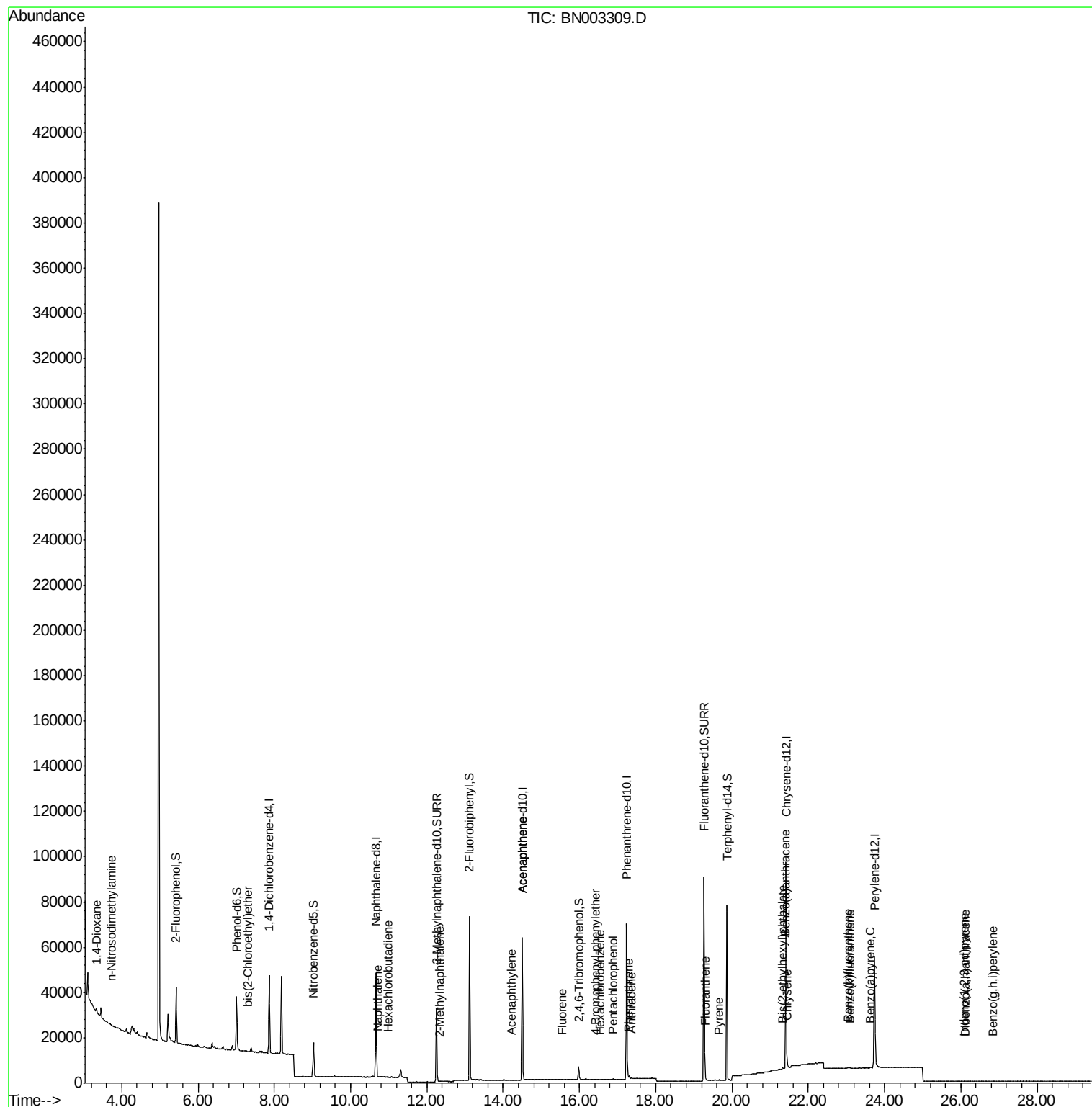
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	138	0.006	ng	# 1
3) n-Nitrosodimethylamine	3.74	42	60	0.006	ng	# 1
6) bis(2-Chloroethyl)ether	7.30	93	41	0.001	ng	# 55
9) Naphthalene	10.71	128	149	0.001	ng	# 11
10) Hexachlorobutadiene	10.99	225	17	0.001	ng	# 56
12) 2-Methylnaphthalene	12.32	142	47	0.000	ng	# 29
16) Acenaphthylene	14.21	152	51	0.000	ng	# 90
17) Acenaphthene	14.50	154	144	0.001	ng	# 11
18) Fluorene	15.55	166	36	0.000	ng	# 91
20) 4-Bromophenyl-phenylether	16.43	248	23	0.000	ng	# 33
21) Hexachlorobenzene	16.54	284	17	0.000	ng	# 41
22) Pentachlorophenol	16.89	266	115	0.008	ng	# 76
23) Phenanthrene	17.28	178	321	0.001	ng	# 83
24) Anthracene	17.37	178	37	0.000	ng	# 66
26) Fluoranthene	19.30	202	426	0.002	ng	# 75
28) Pyrene	19.66	202	349	0.001	ng	# 87
30) Benzo(a)anthracene	21.41	228	620	0.003	ng	# 71
31) Chrysene	21.46	228	768	0.003	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.32	149	564	0.009	ng	# 88
33) Indeno(1,2,3-cd)pyrene	26.09	276	81	0.000	ng	# 69
35) Benzo(b)fluoranthene	23.04	252	359	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.08	252	239	0.001	ng	# 1
37) Benzo(a)pyrene	23.64	252	182	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.11	278	99	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.83	276	160	0.001	ng	# 1

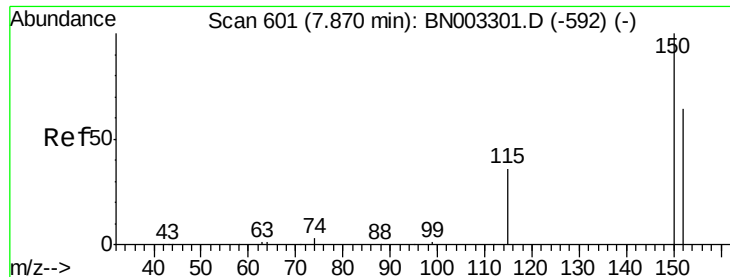
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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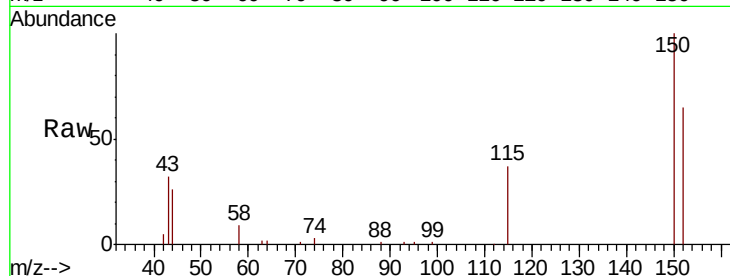


#1

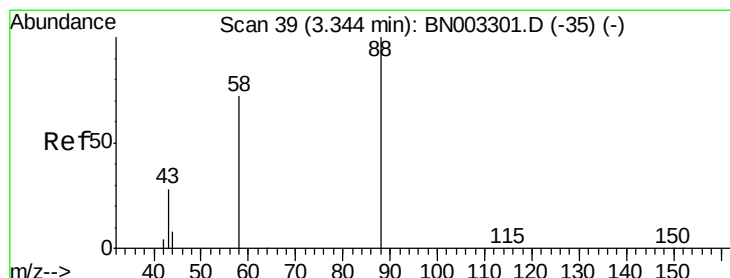
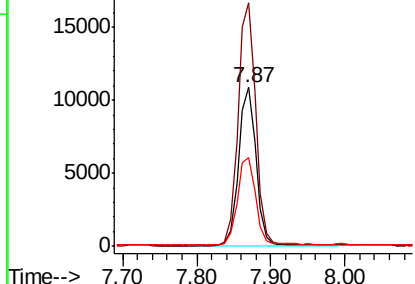
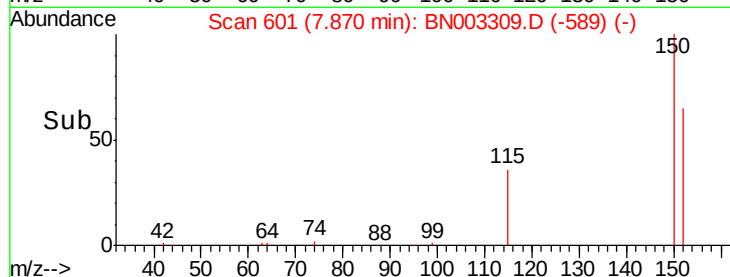
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. -0.00 min
Lab File: BN003309.D
Acq: 26 Oct 2018 17:42

Instrument :
BNA_N
ClientSampleId :
PB114054BL

Tgt Ion:152 Resp: 17394
Ion Ratio Lower Upper
152 100
150 153.3 124.6 187.0
115 56.0 46.4 69.6



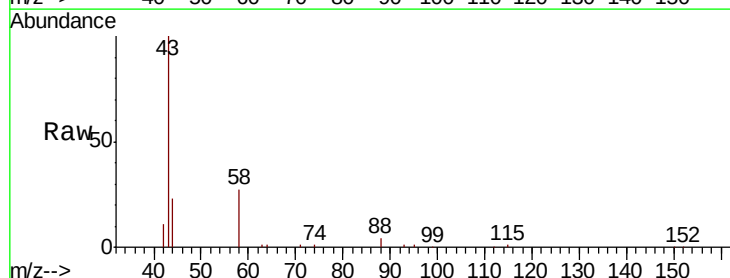
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



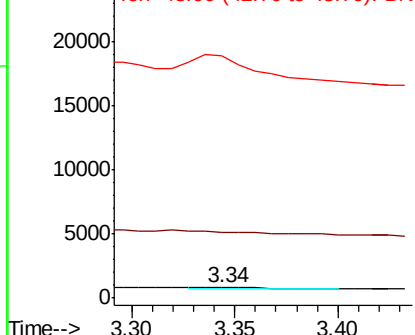
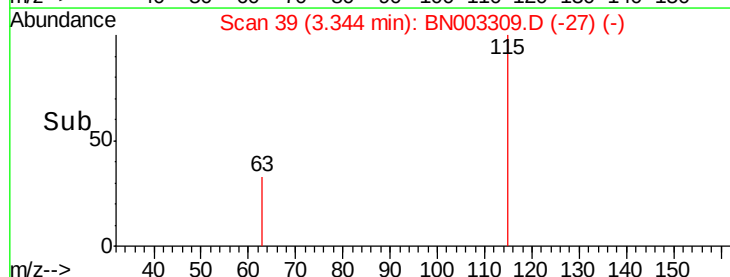
#2

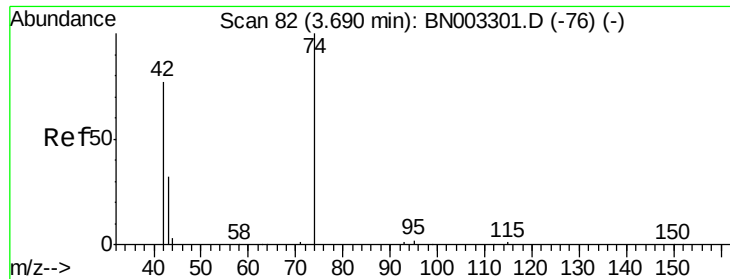
1,4-Dioxane
Concen: 0.006 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003309.D
Acq: 26 Oct 2018 17:42

Tgt Ion: 88 Resp: 138
Ion Ratio Lower Upper
88 100
58 0.0 60.9 91.3#
43 3755.8 23.9 35.9#



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: 0.006 ng

RT: 3.74 min Scan# 88

Delta R.T. 0.05 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

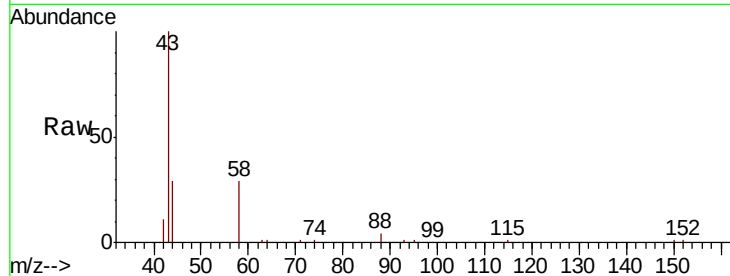
Tgt Ion: 42 Resp: 60

Ion Ratio Lower Upper

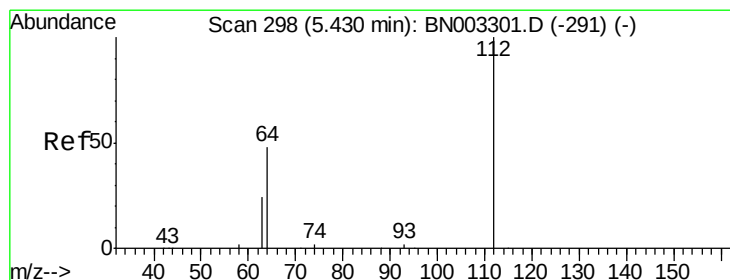
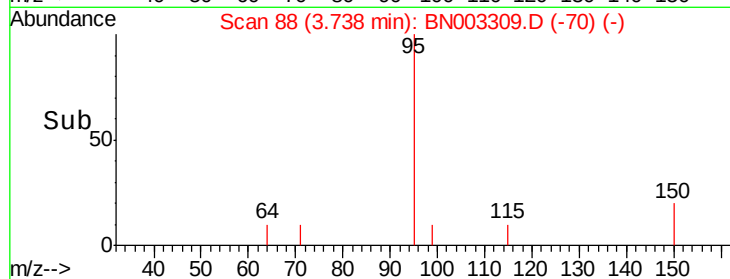
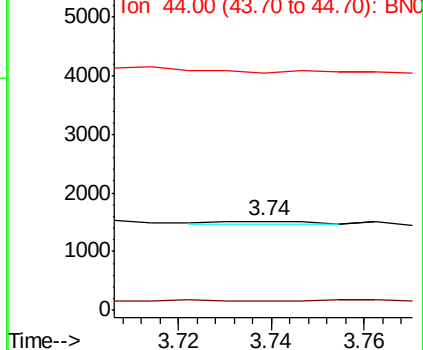
42 100

74 0.0 99.1 148.7#

44 0.0 4.2 6.4#



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: 0.461 ng

RT: 5.43 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

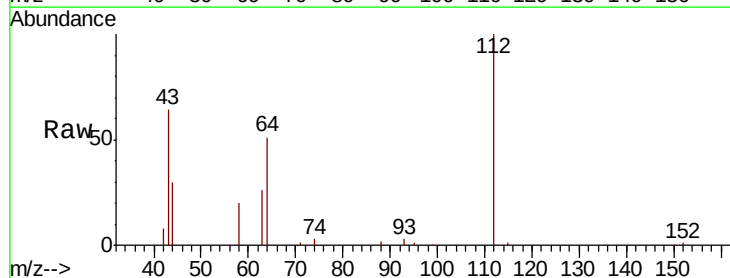
Tgt Ion: 112 Resp: 19853

Ion Ratio Lower Upper

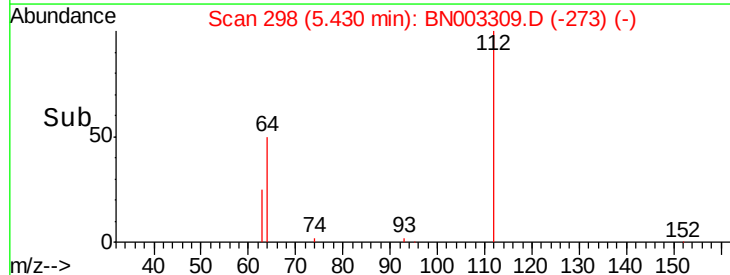
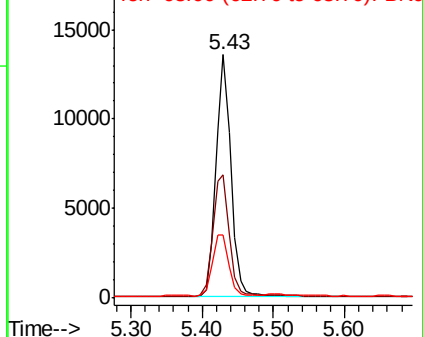
112 100

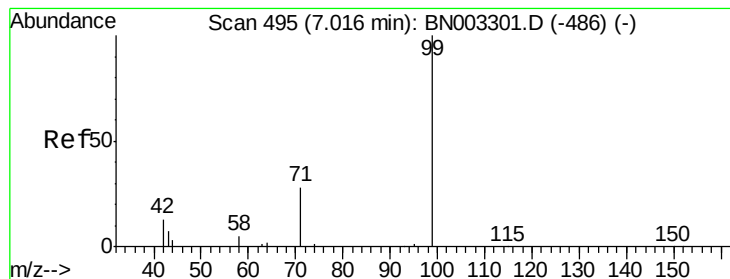
64 54.5 44.3 66.5

63 27.1 22.4 33.6



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





#5

Phenol-d6

Concen: 0.442 ng

RT: 7.02 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

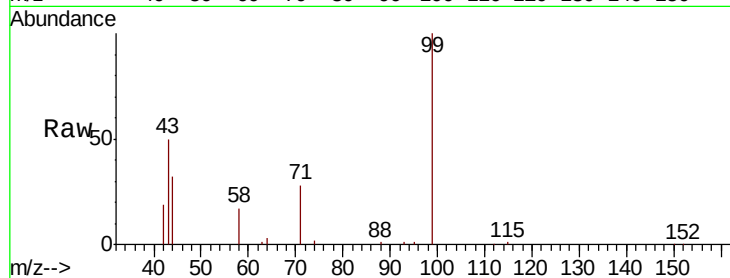
Tgt Ion: 99 Resp: 24055

Ion Ratio Lower Upper

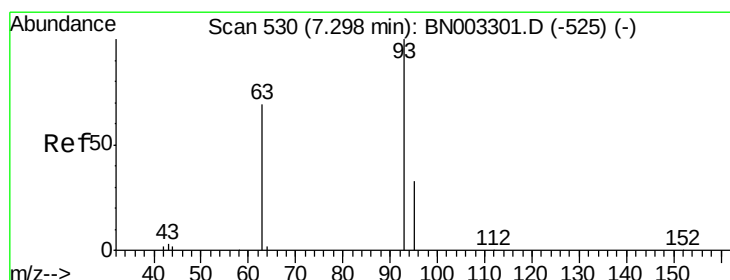
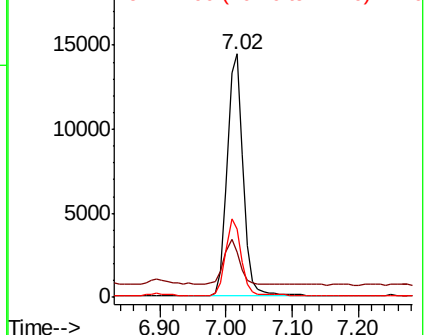
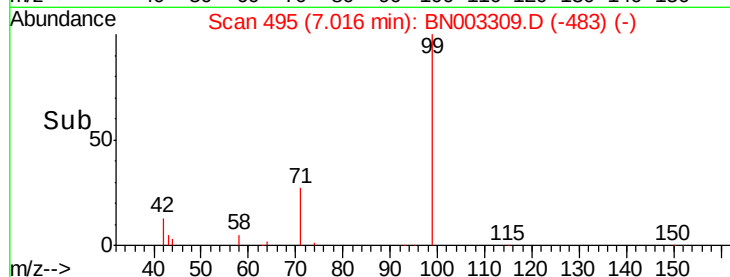
99 100

42 18.1 14.8 22.2

71 30.5 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003309.D (-483) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.30 min Scan# 530

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

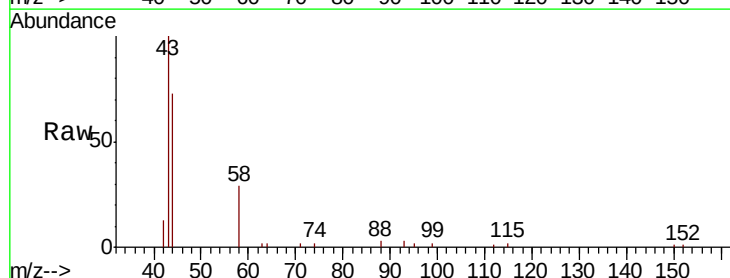
Tgt Ion: 93 Resp: 41

Ion Ratio Lower Upper

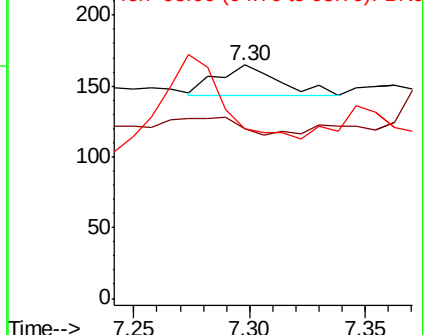
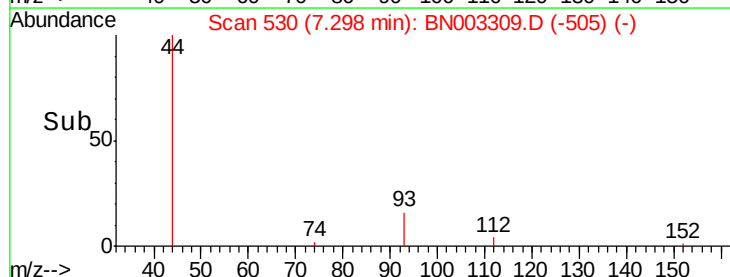
93 100

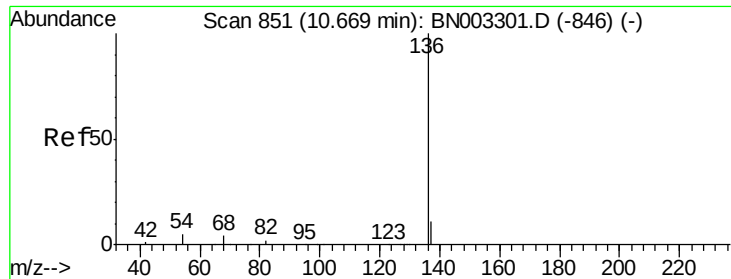
63 102.4 55.8 83.6#

95 0.0 25.4 38.2#



Abundance Ion 93.00 (92.70 to 93.70): BN003309.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

Tgt Ion:136 Resp: 69009

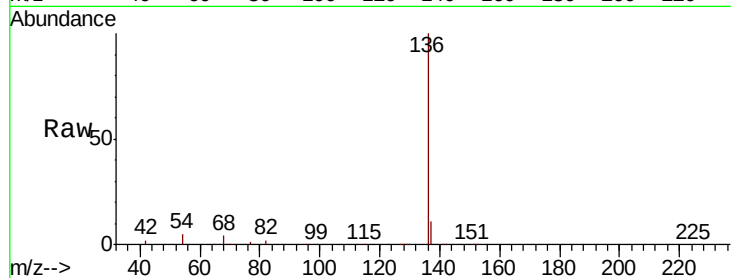
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 4.7 4.1 6.1

68 4.1 3.5 5.3

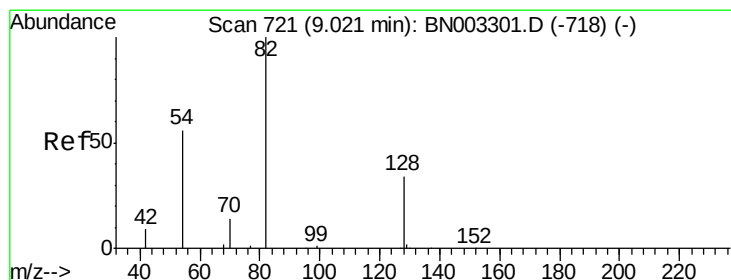
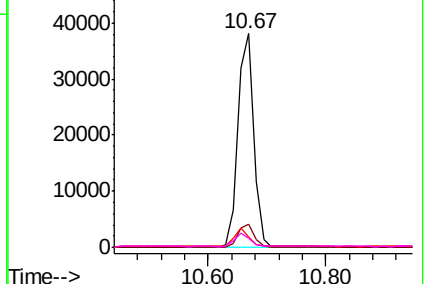
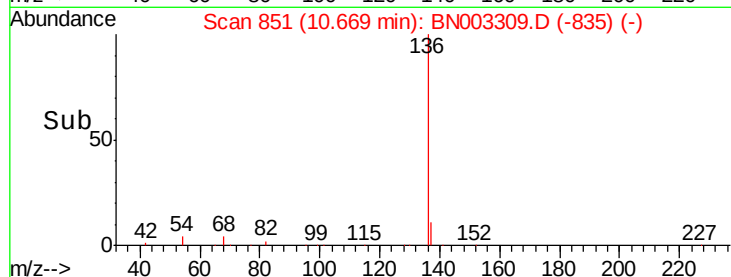


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

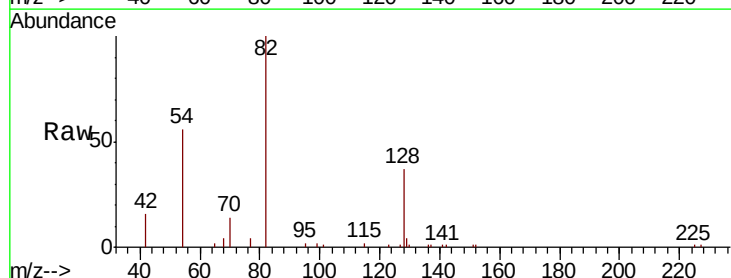
Tgt Ion: 82 Resp: 12552

Ion Ratio Lower Upper

82 100

128 36.7 28.9 43.3

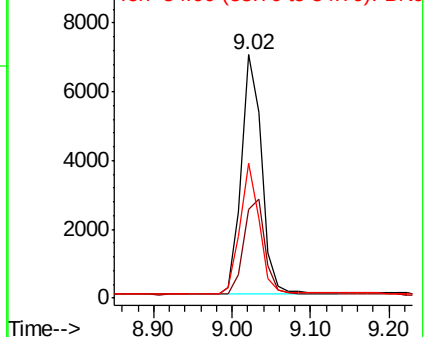
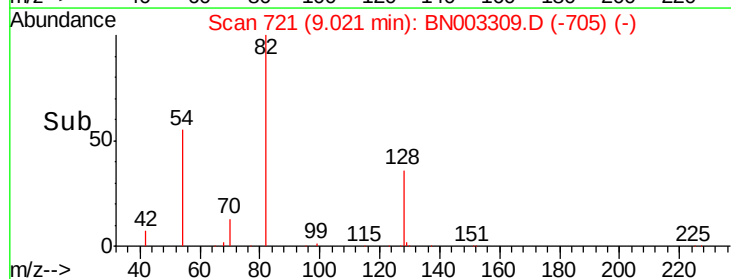
54 55.6 46.1 69.1

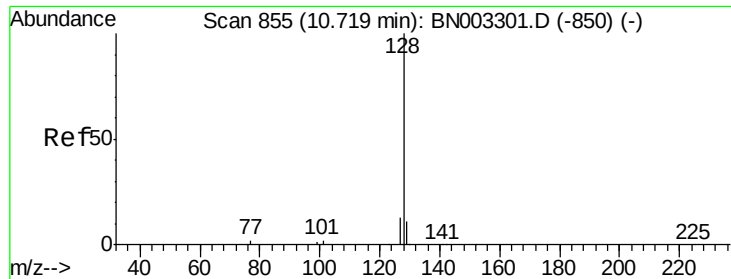


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.001 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

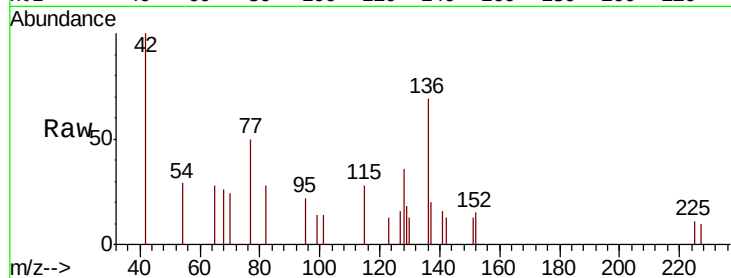
Tgt Ion:128 Resp: 149

Ion Ratio Lower Upper

128 100

129 50.3 9.1 13.7#

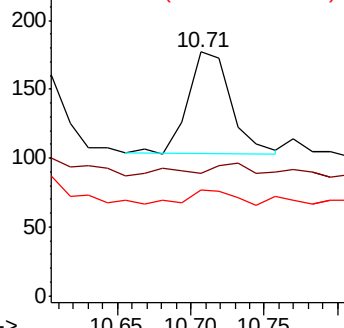
127 43.5 10.2 15.4#



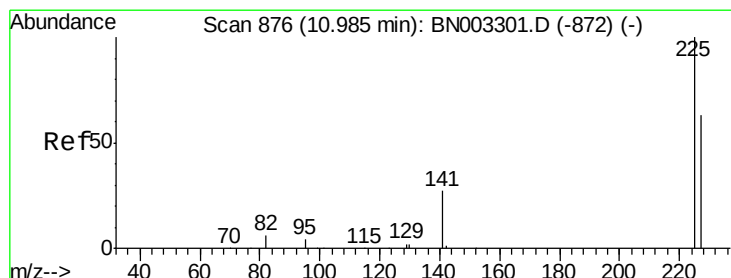
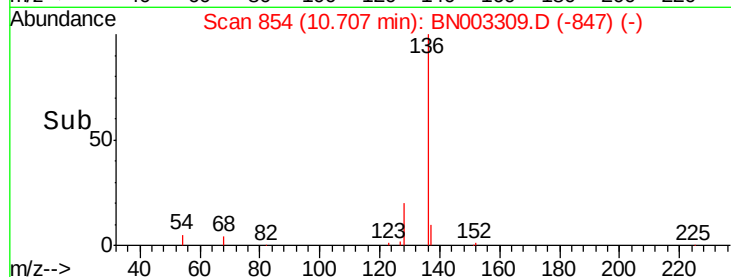
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.99 min Scan# 876

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

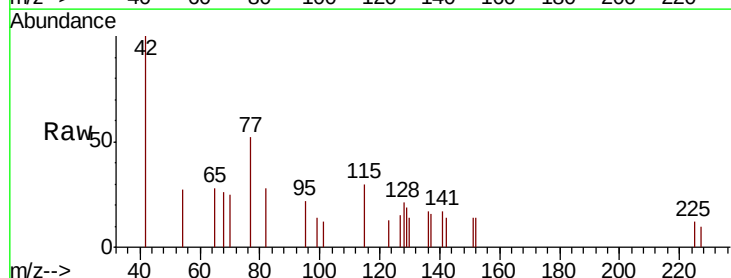
Tgt Ion:225 Resp: 17

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

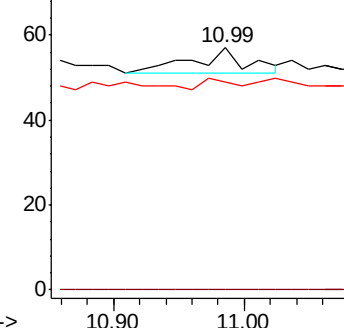
227 29.4 51.3 76.9#



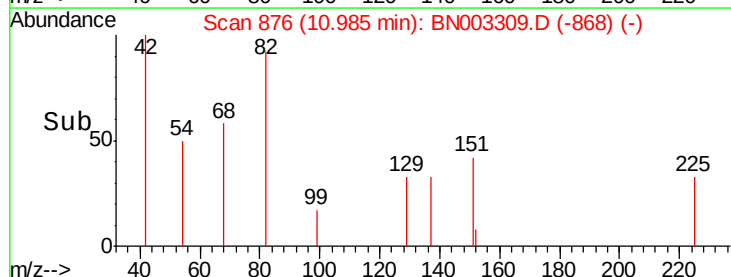
Abundance Ion 225.00 (224.70 to 225.70): E

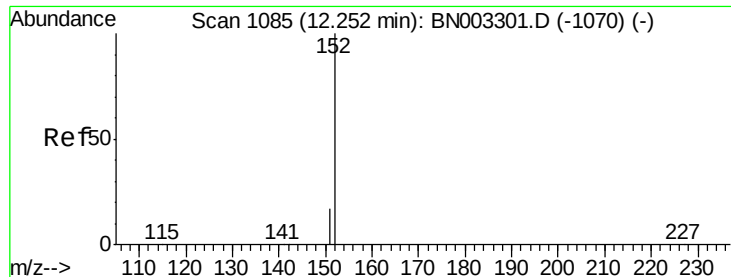
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

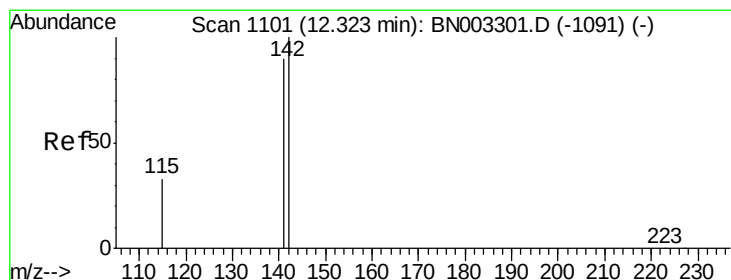
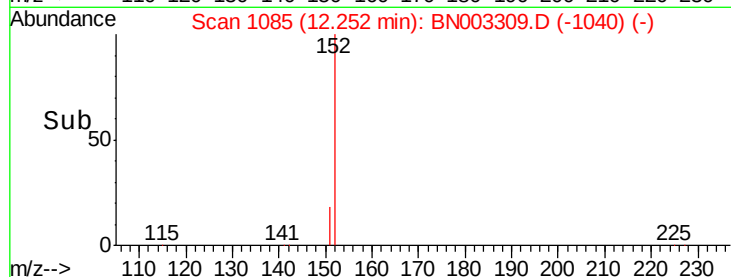
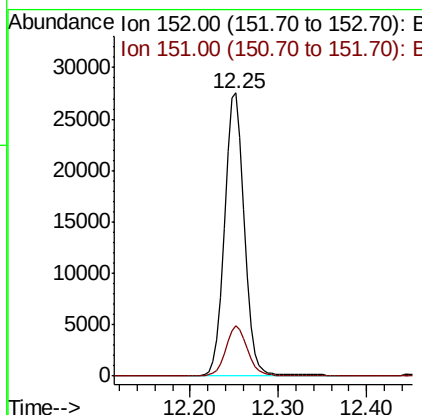
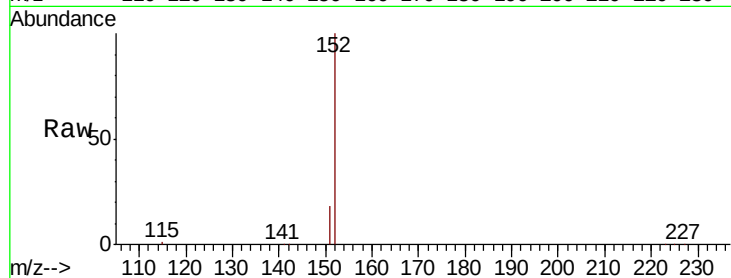




#11
 2-Methylnaphthalene-d10
 Concen: 0.385 ng
 RT: 12.25 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BN003309.D
 Acq: 26 Oct 2018 17:42

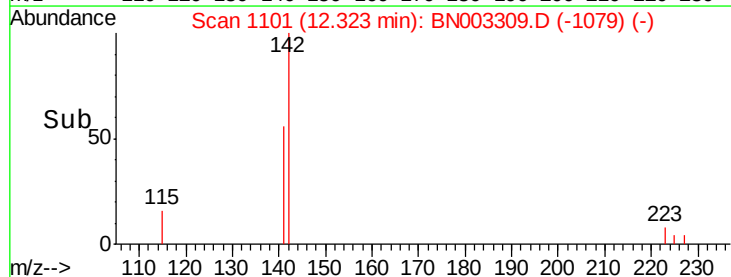
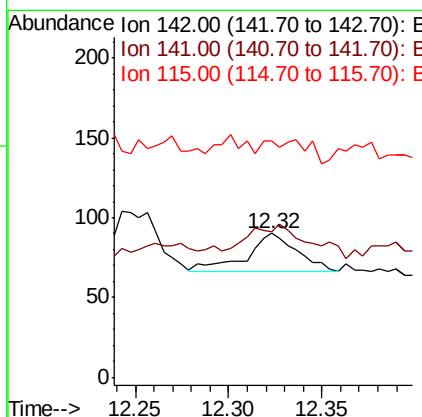
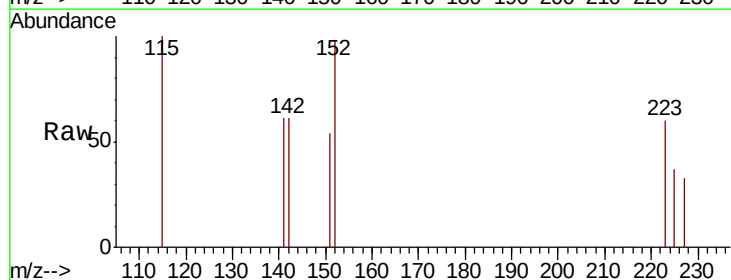
Instrument :
 BNA_N
 ClientSampleId :
 PB114054BL

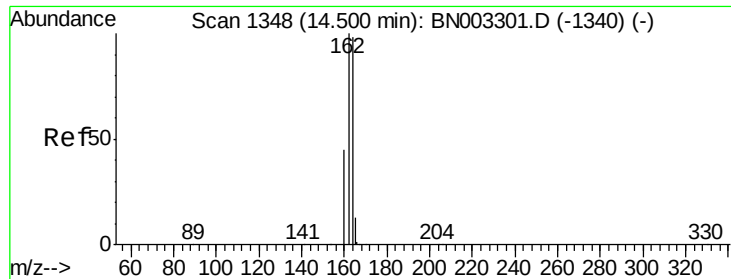
Tgt Ion:152 Resp: 43233
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.000 ng
 RT: 12.32 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BN003309.D
 Acq: 26 Oct 2018 17:42

Tgt Ion:142 Resp: 47
 Ion Ratio Lower Upper
 142 100
 141 101.1 71.9 107.9
 115 164.4 27.0 40.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

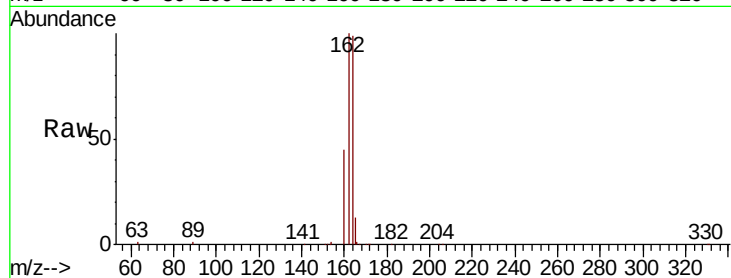
Tgt Ion:164 Resp: 36438

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

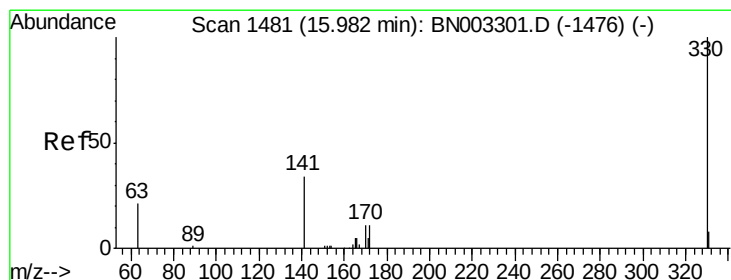
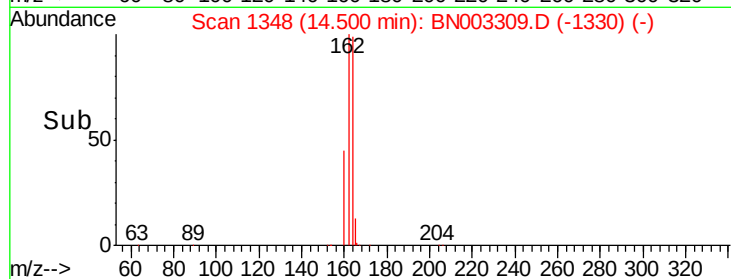
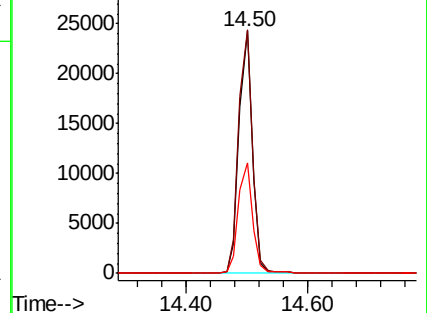
160 45.8 37.2 55.8



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: 0.317 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

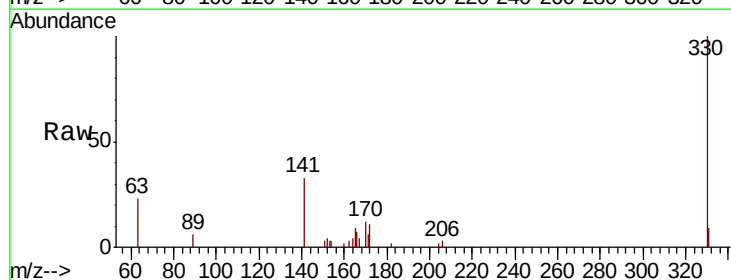
Tgt Ion:330 Resp: 4591

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

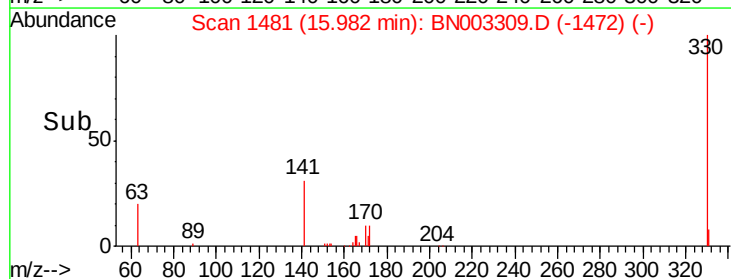
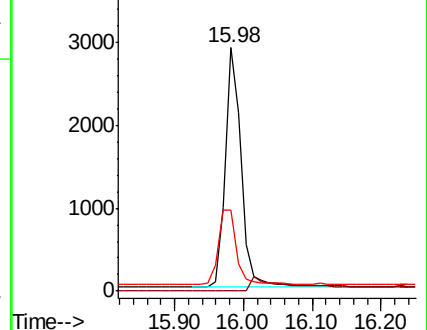
141 35.3 28.3 42.5

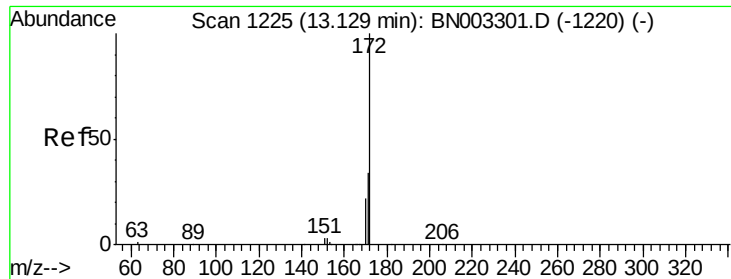


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

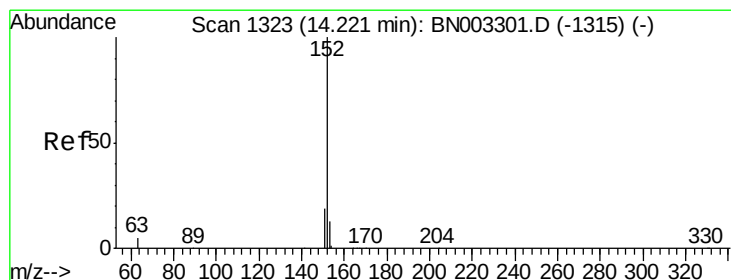
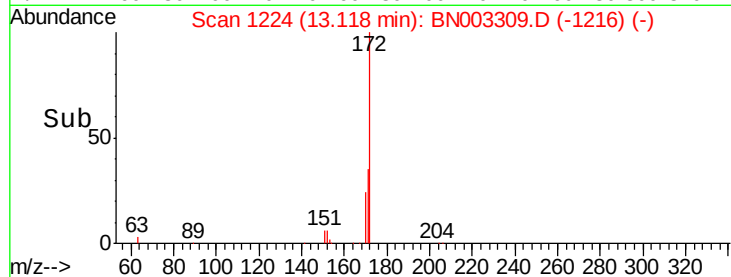
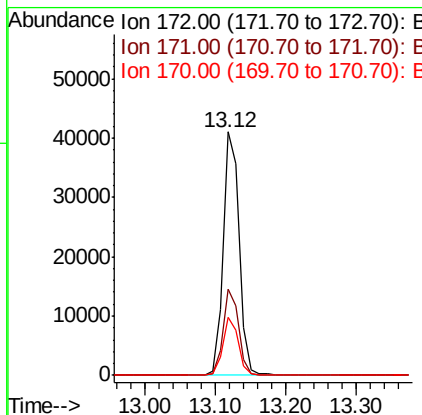
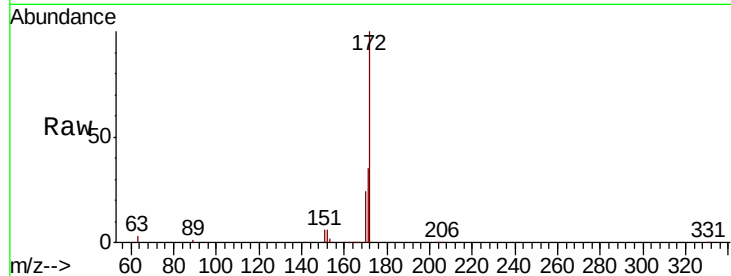




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003309.D
Acq: 26 Oct 2018 17:42

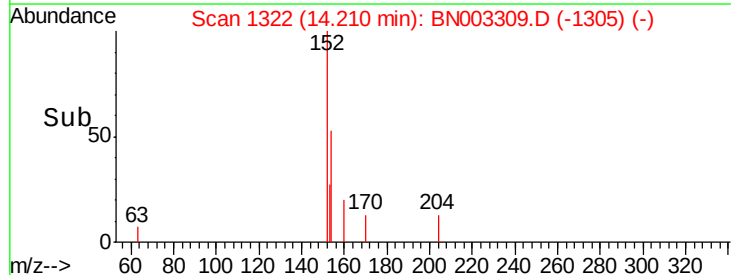
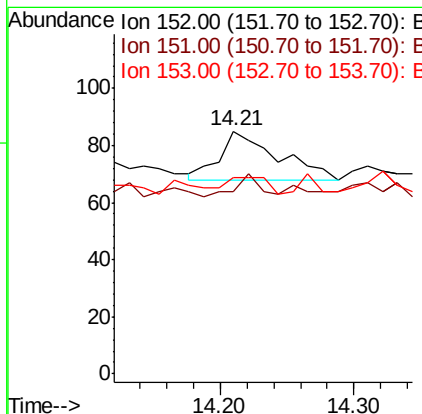
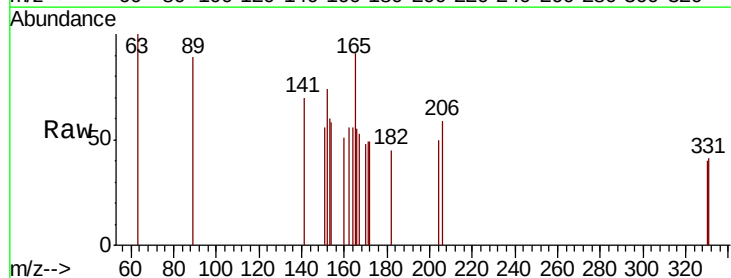
Instrument :
BNA_N
ClientSampleId :
PB114054BL

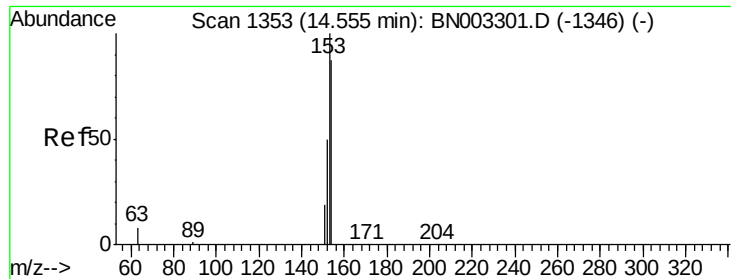
Tgt Ion:172 Resp: 65617
Ion Ratio Lower Upper
172 100
171 35.4 27.1 40.7
170 23.9 17.4 26.0



#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003309.D
Acq: 26 Oct 2018 17:42

Tgt Ion:152 Resp: 51
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 23.5 10.6 15.8#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.50 min Scan# 1348

Delta R.T. -0.06 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

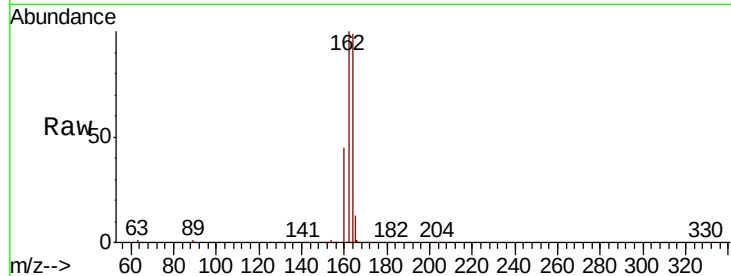
Tgt Ion:154 Resp: 144

Ion Ratio Lower Upper

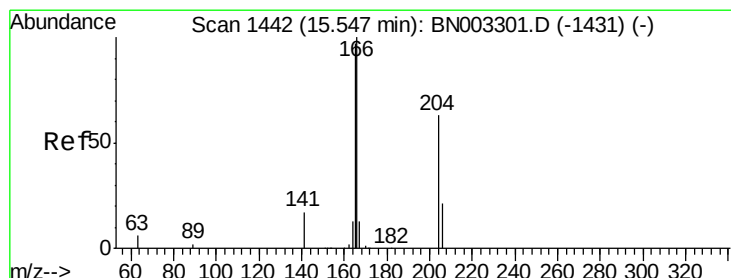
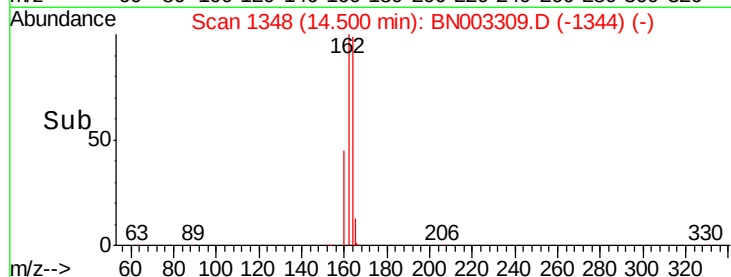
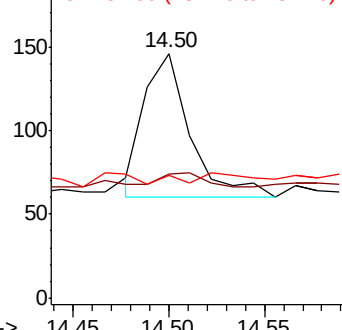
154 100

153 9.0 88.9 133.3#

152 0.0 43.5 65.3#



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: 0.000 ng

RT: 15.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

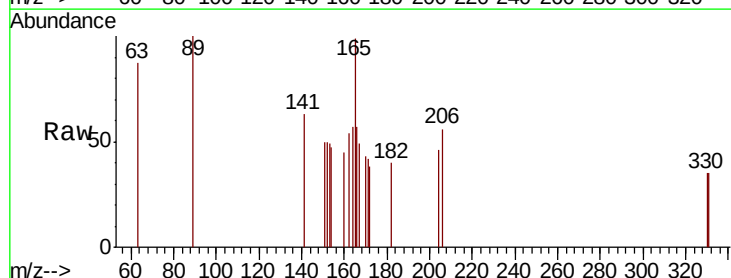
Tgt Ion:166 Resp: 36

Ion Ratio Lower Upper

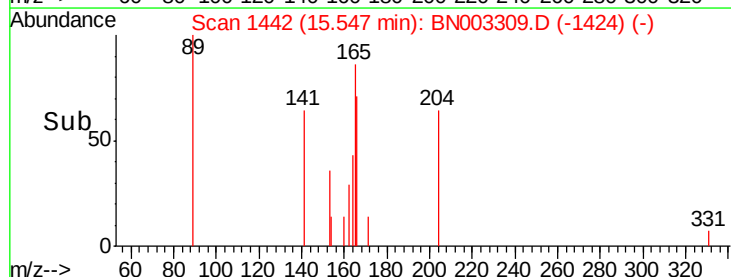
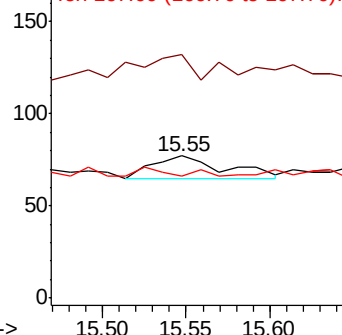
166 100

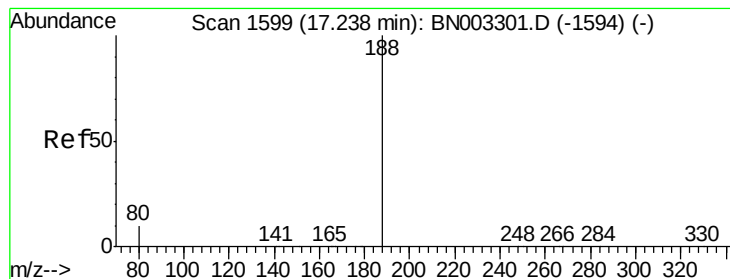
165 102.8 77.8 116.8

167 0.0 10.9 16.3#



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: 17.24 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

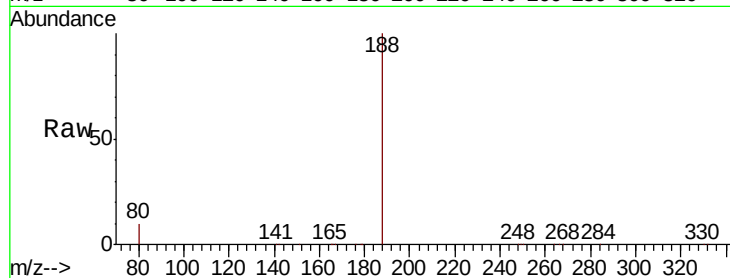
Tgt Ion:188 Resp: 88396

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

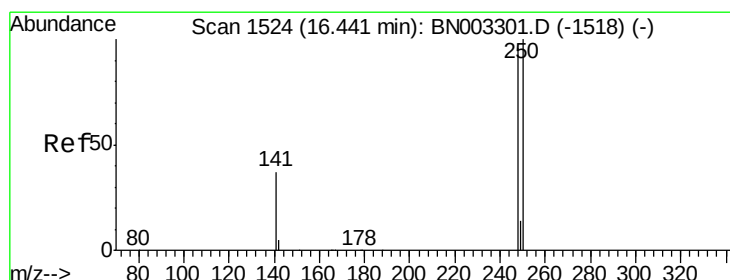
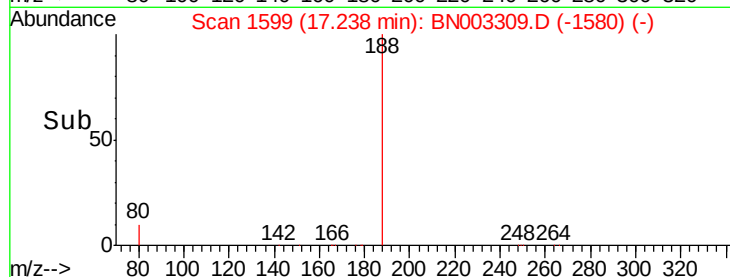
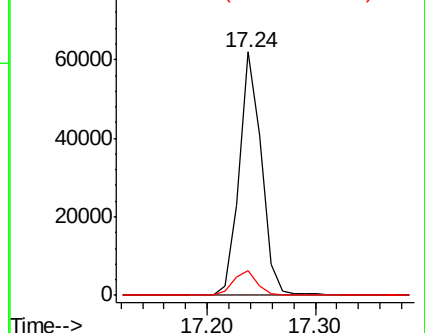
80 10.2 8.6 12.8



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: 0.000 ng

RT: 16.43 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

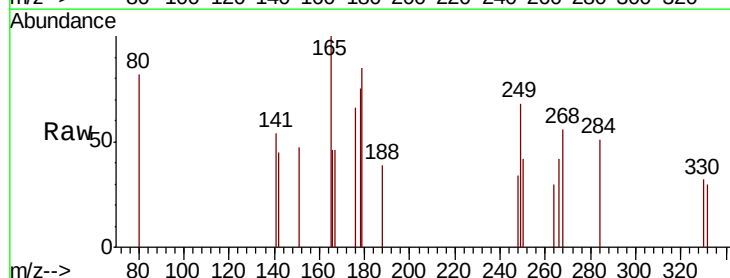
Tgt Ion:248 Resp: 23

Ion Ratio Lower Upper

248 100

250 124.1 83.7 125.5

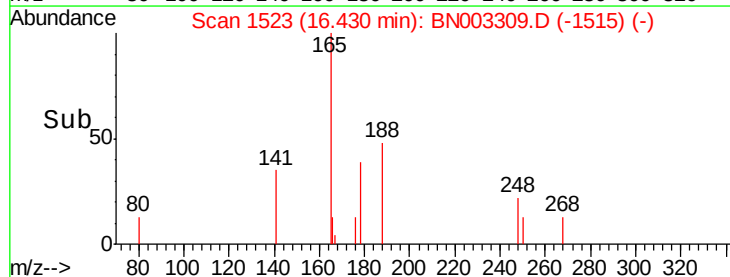
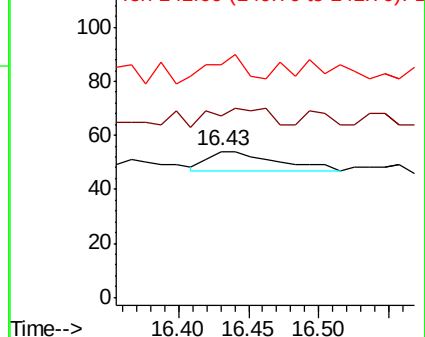
141 159.3 31.4 47.0#

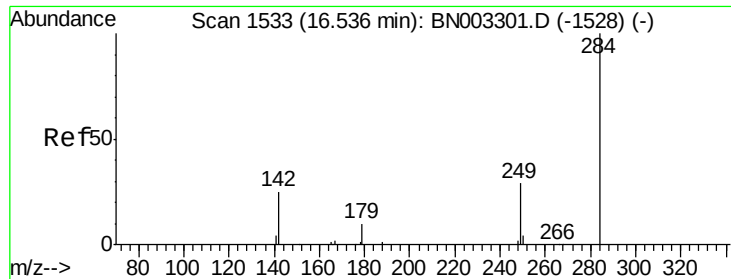


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.54 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

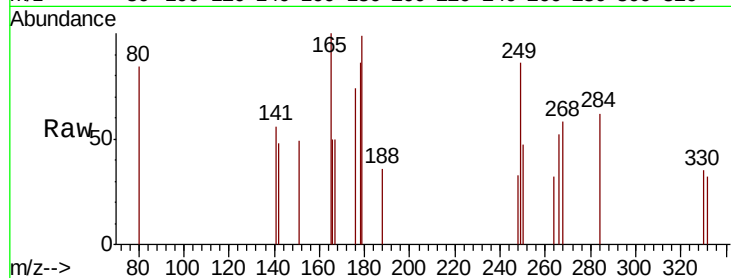
Tgt Ion:284 Resp: 17

Ion Ratio Lower Upper

284 100

142 0.0 29.7 44.5#

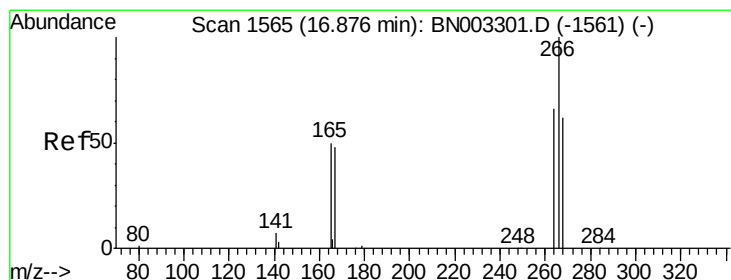
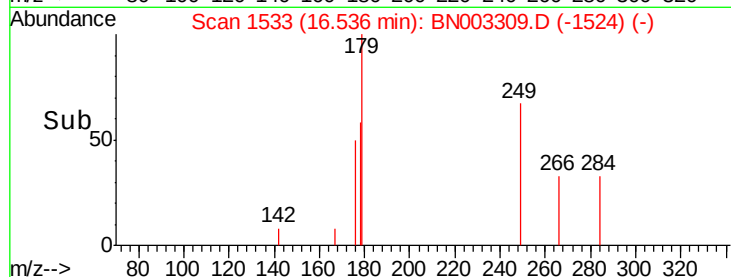
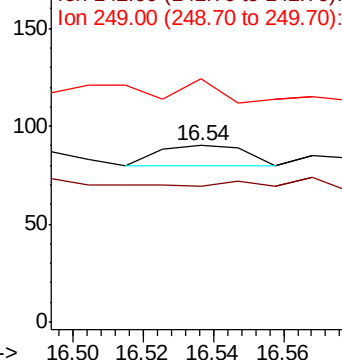
249 0.0 24.0 36.0#



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: 0.008 ng

RT: 16.89 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

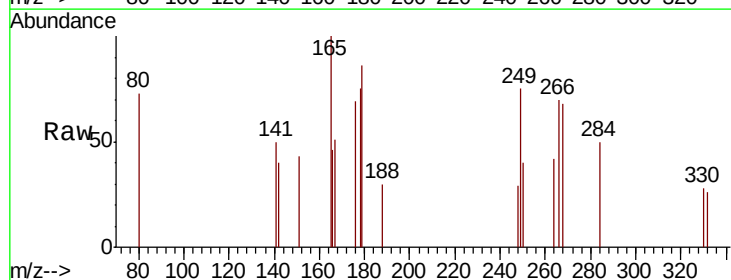
Tgt Ion:266 Resp: 115

Ion Ratio Lower Upper

266 100

264 59.2 52.1 78.1

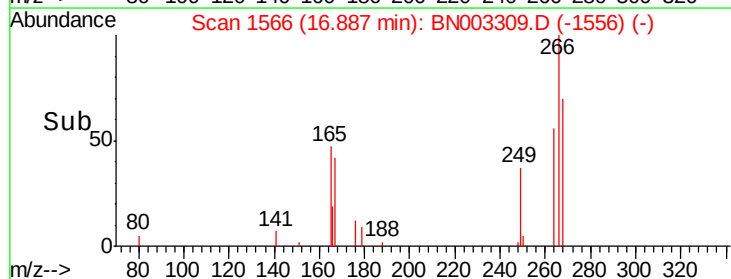
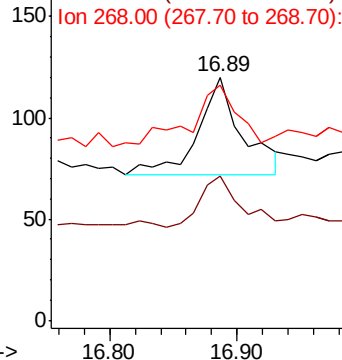
268 96.7 51.8 77.6#

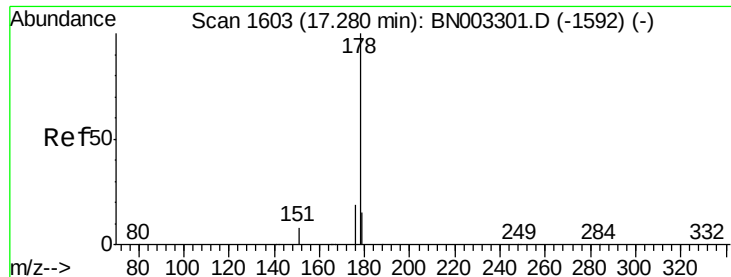


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.001 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

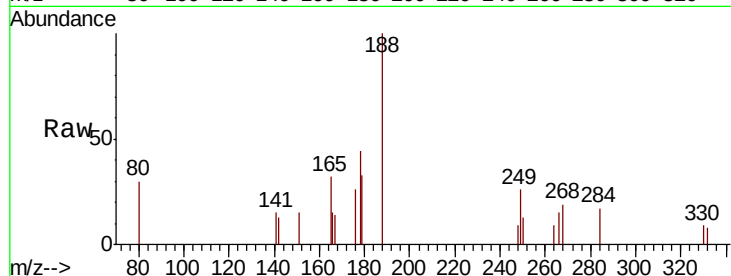
Tgt Ion:178 Resp: 321

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

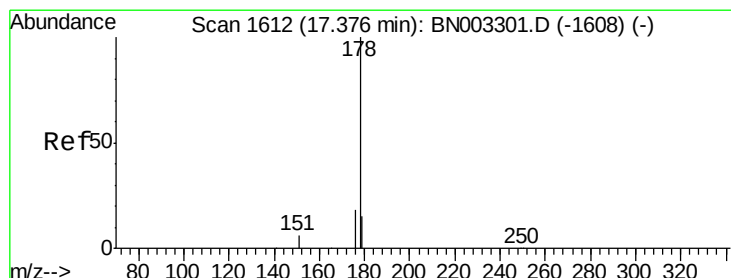
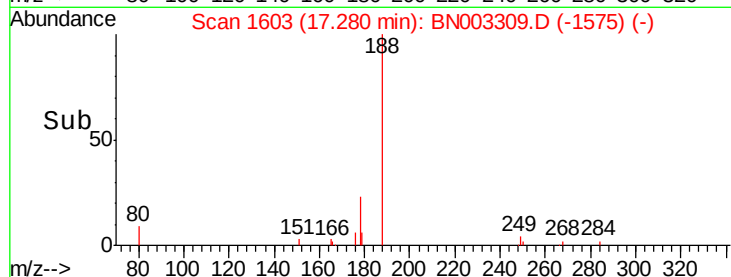
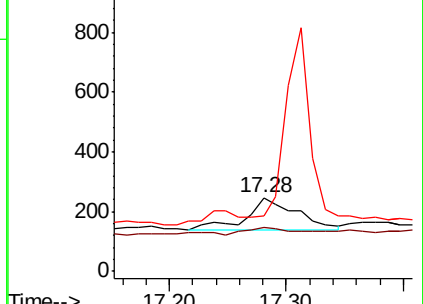
179 0.0 12.4 18.6#



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: 0.000 ng

RT: 17.37 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

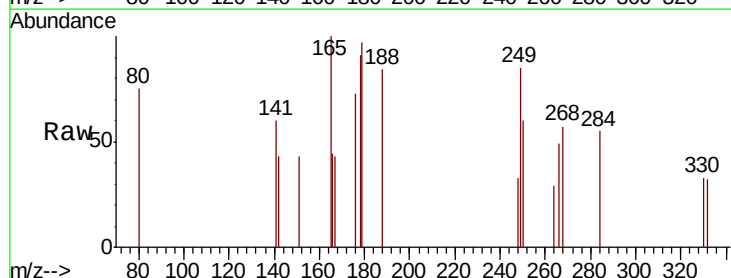
Tgt Ion:178 Resp: 37

Ion Ratio Lower Upper

178 100

176 32.4 14.5 21.7#

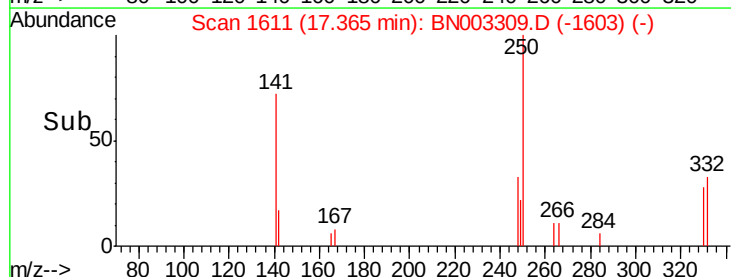
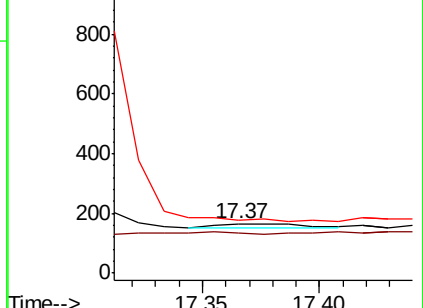
179 0.0 12.2 18.4#

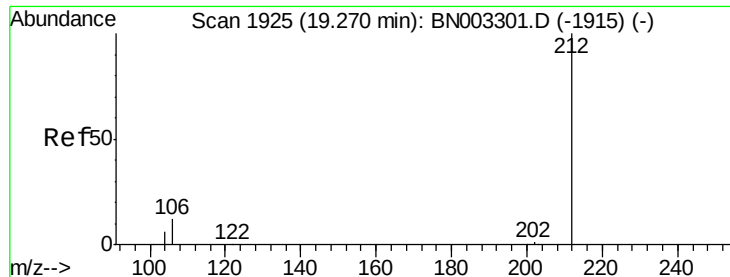


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

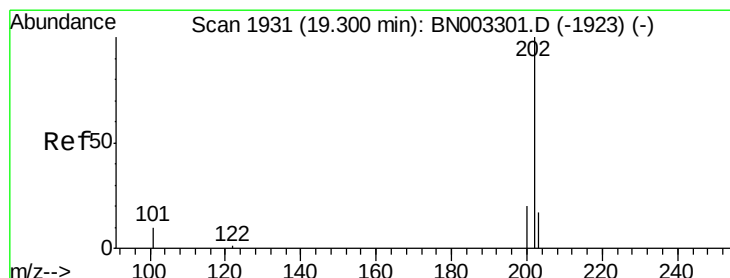
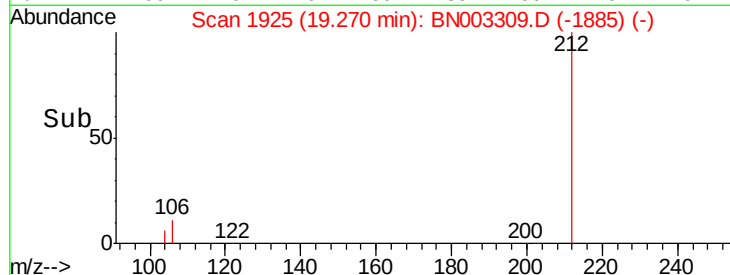
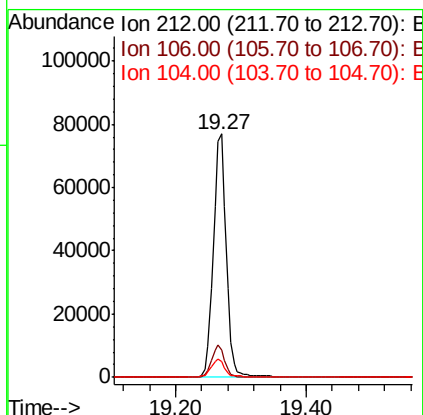
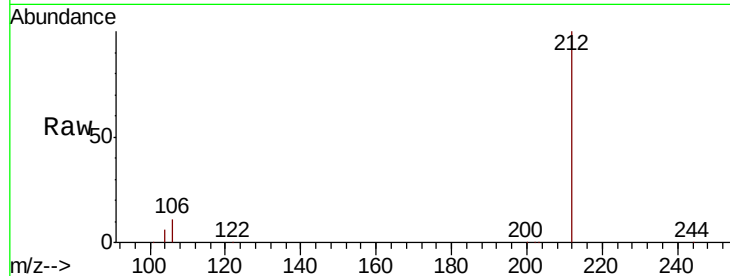




#25
 Fluoranthene-d10
 Concen: 0.410 ng
 RT: 19.27 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BN003309.D
 Acq: 26 Oct 2018 17:42

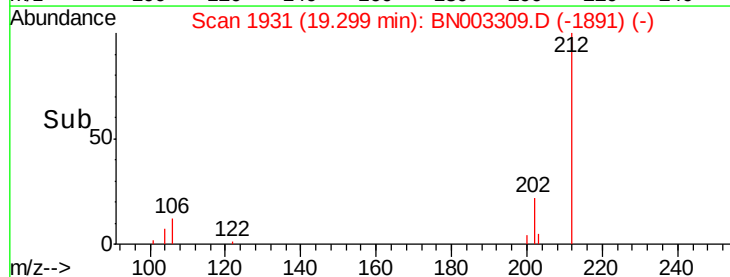
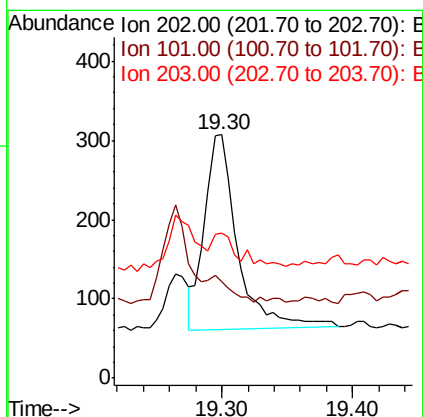
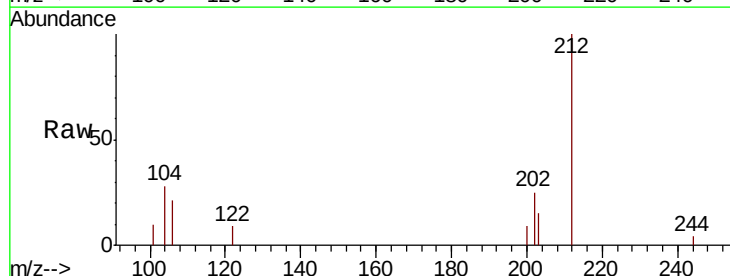
Instrument :
 BNA_N
 ClientSampleId :
 PB114054BL

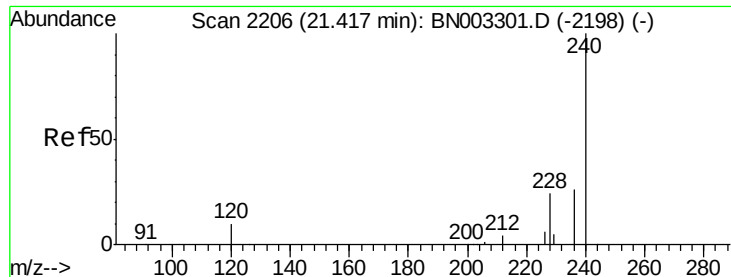
Tgt Ion:212 Resp: 105370
 Ion Ratio Lower Upper
 212 100
 106 12.7 10.3 15.5
 104 7.0 5.6 8.4



#26
 Fluoranthene
 Concen: 0.002 ng
 RT: 19.30 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BN003309.D
 Acq: 26 Oct 2018 17:42

Tgt Ion:202 Resp: 426
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.0 13.4#
 203 7.7 13.8 20.6#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

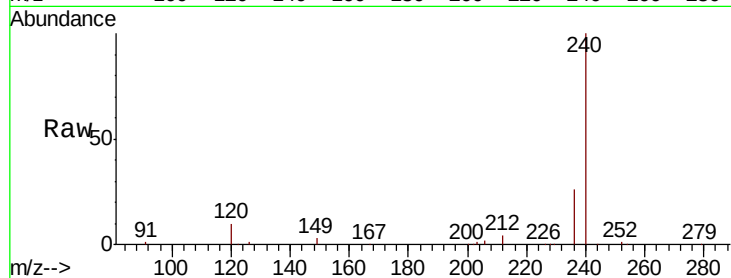
Tgt Ion:240 Resp: 84992

Ion Ratio Lower Upper

240 100

120 10.1 9.3 13.9

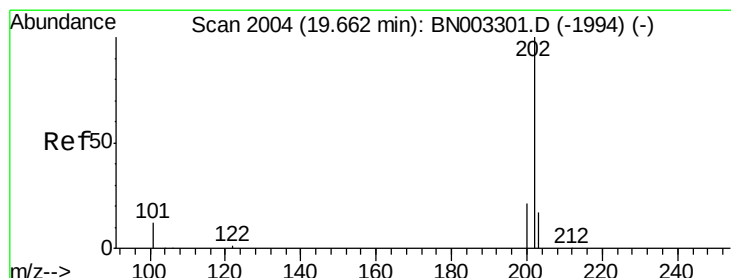
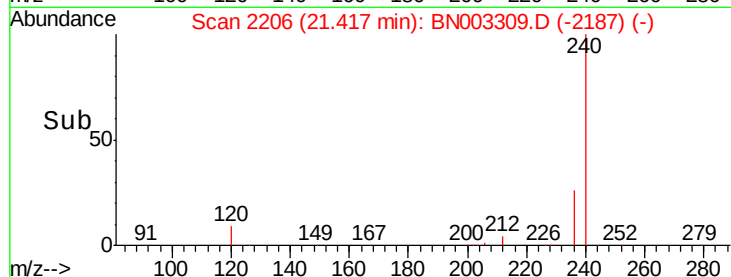
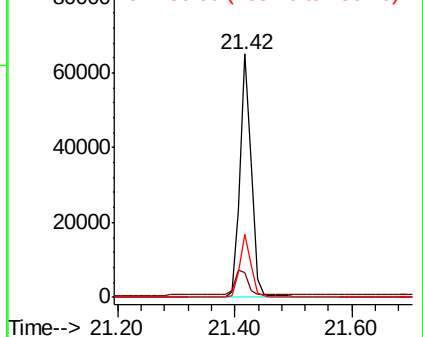
236 25.9 21.0 31.4



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: 0.001 ng

RT: 19.66 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

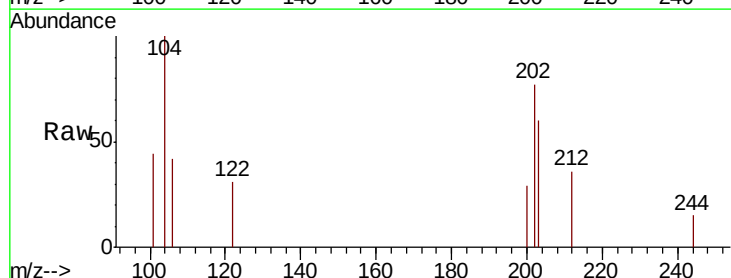
Tgt Ion:202 Resp: 349

Ion Ratio Lower Upper

202 100

200 24.1 16.5 24.7

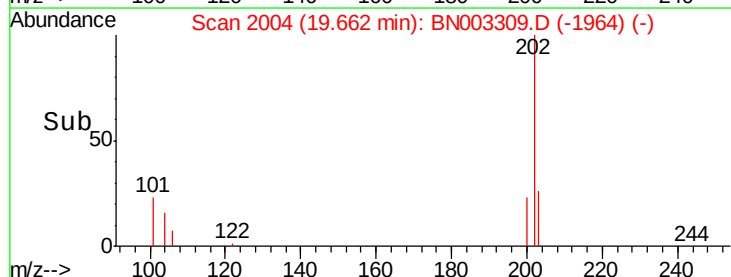
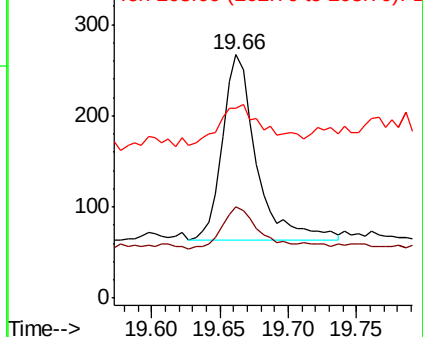
203 26.1 13.9 20.9#

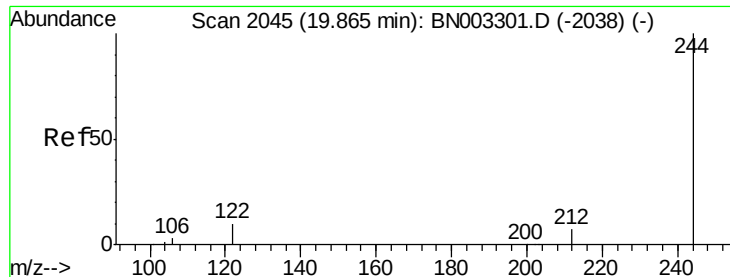


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.87 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

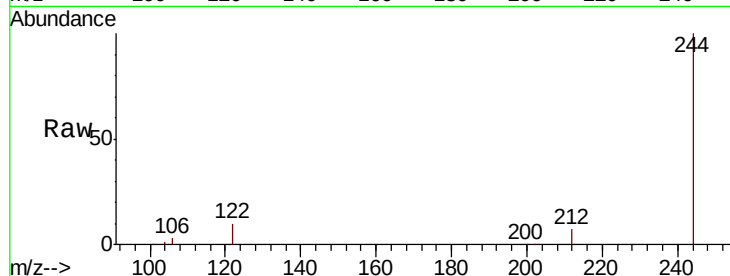
Tgt Ion:244 Resp: 77844

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

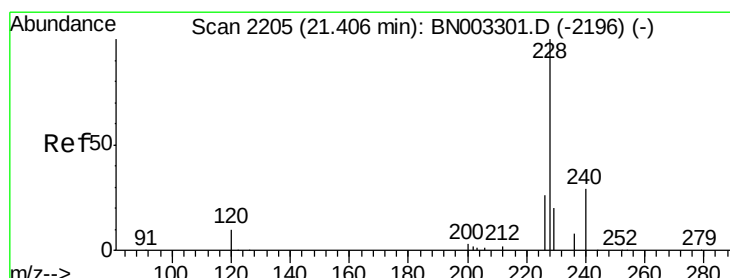
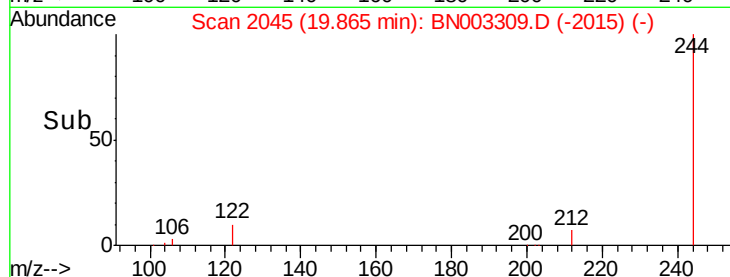
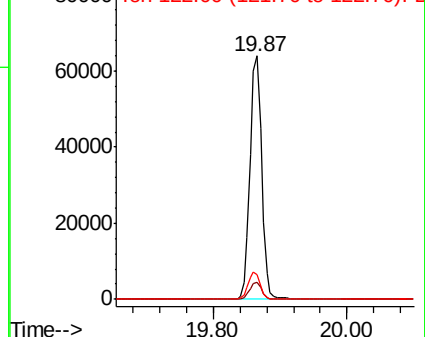
122 10.1 8.5 12.7



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: 0.003 ng

RT: 21.41 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

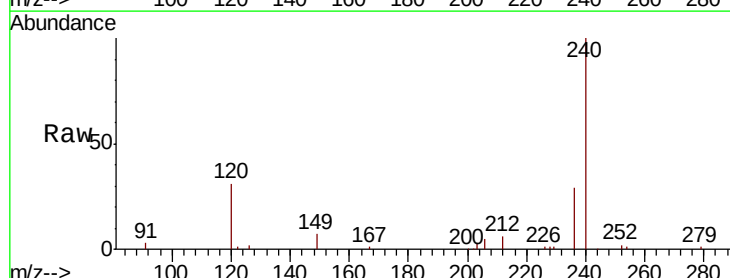
Tgt Ion:228 Resp: 620

Ion Ratio Lower Upper

228 100

226 37.3 20.8 31.2#

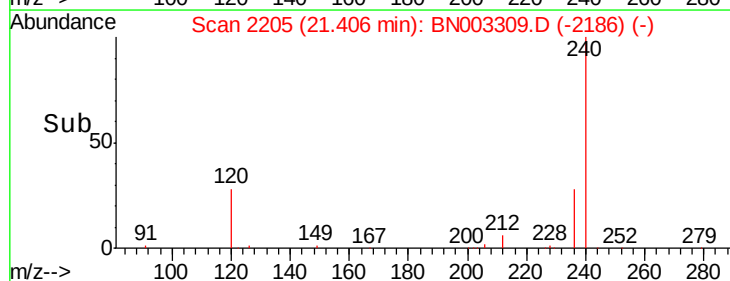
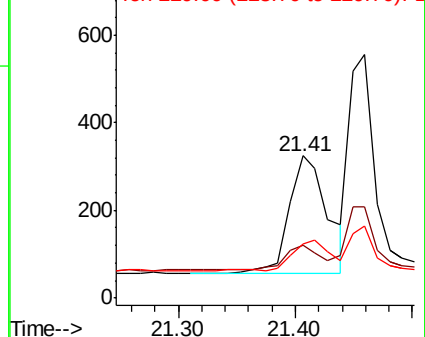
229 37.7 16.1 24.1#

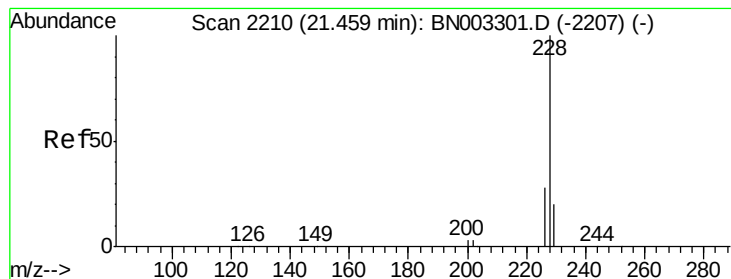


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.003 ng

RT: 21.46 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

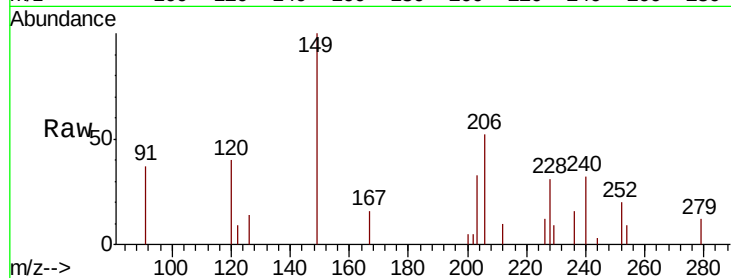
Tgt Ion:228 Resp: 768

Ion Ratio Lower Upper

228 100

226 37.4 22.7 34.1#

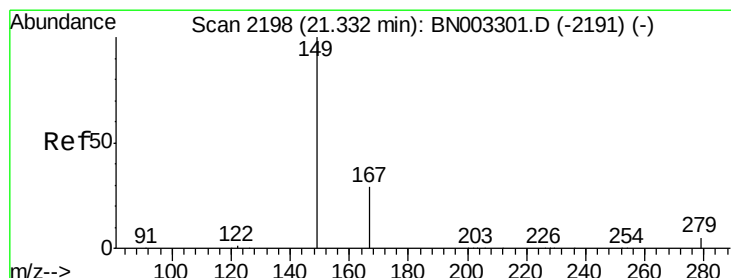
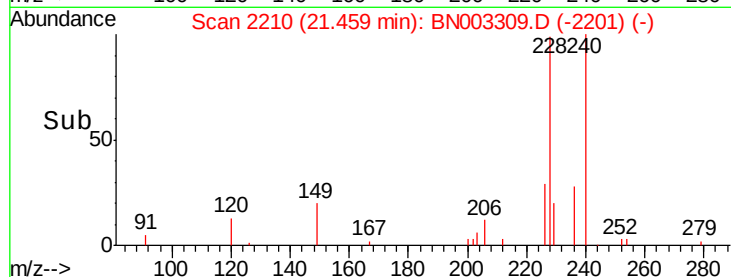
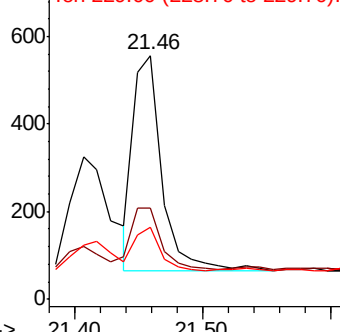
229 29.5 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.009 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

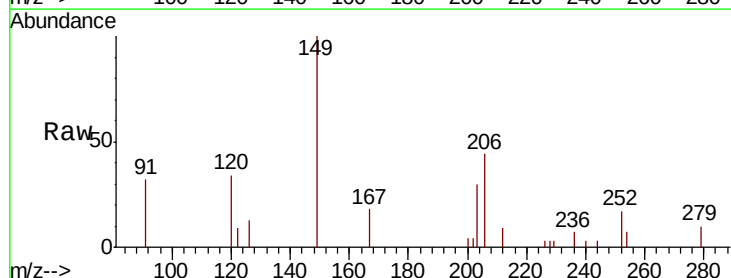
Tgt Ion:149 Resp: 564

Ion Ratio Lower Upper

149 100

167 34.0 22.4 33.6#

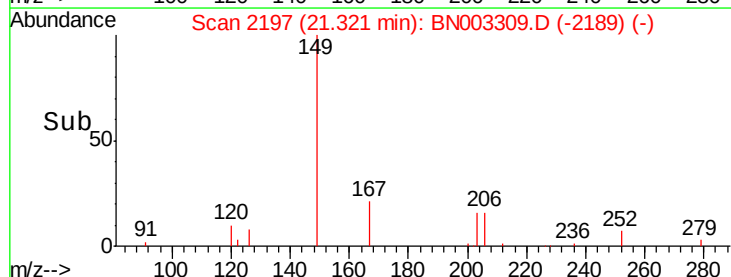
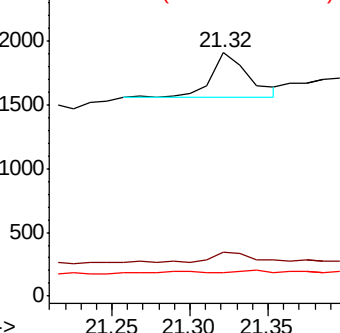
279 0.0 3.9 5.9#

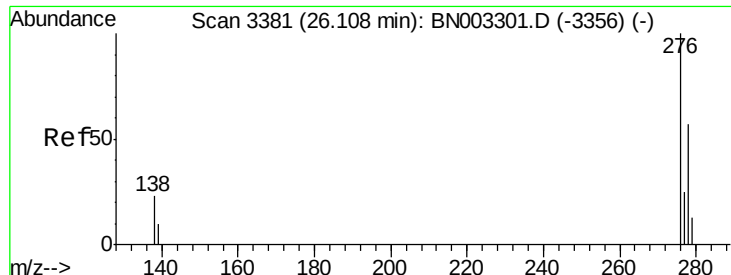


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 26.09 min Scan# 3376

Delta R.T. -0.02 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

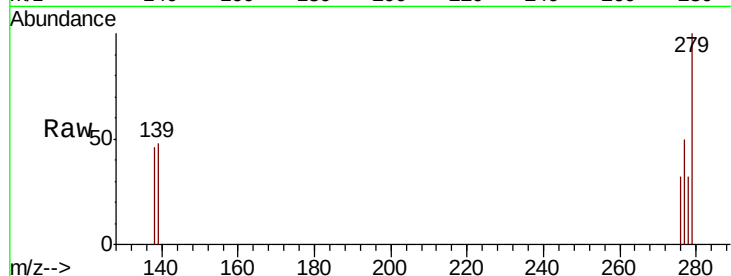
Tgt Ion: 276 Resp: 81

Ion Ratio Lower Upper

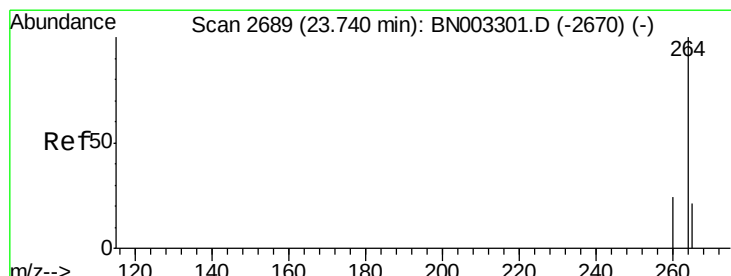
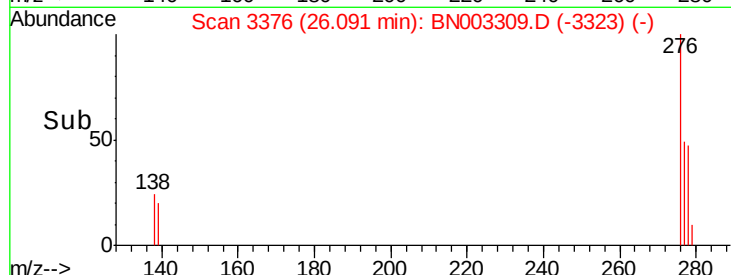
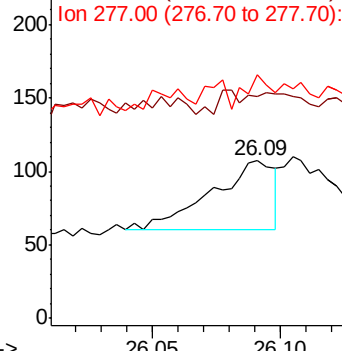
276 100

138 0.0 20.6 30.8#

277 19.8 20.0 30.0#



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: 23.74 min Scan# 2689

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

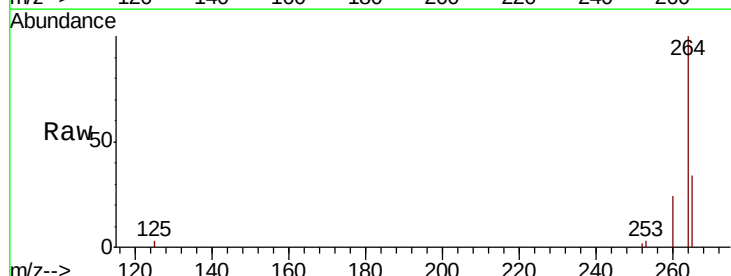
Tgt Ion: 264 Resp: 70619

Ion Ratio Lower Upper

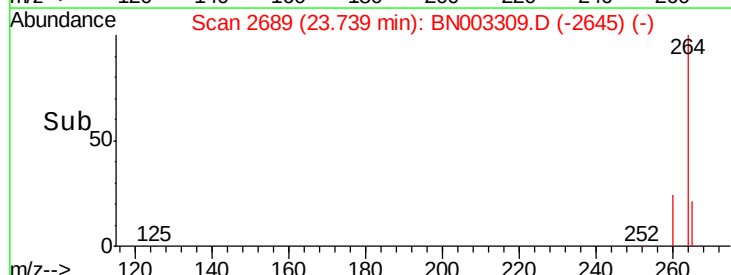
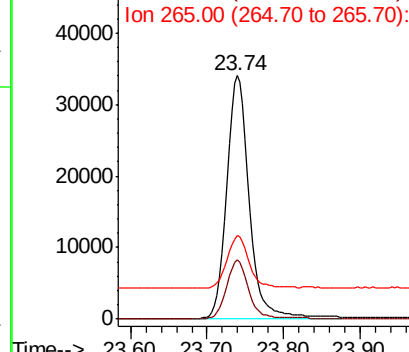
264 100

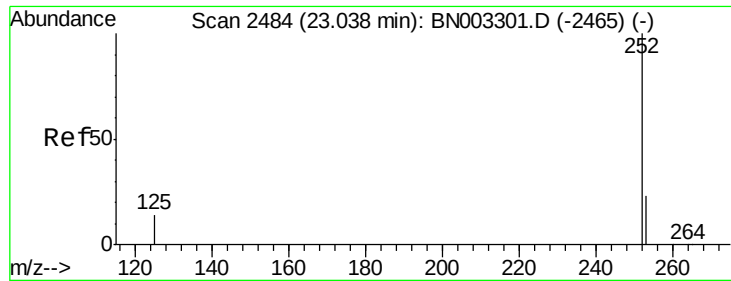
260 24.2 19.1 28.7

265 34.1 26.4 39.6



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: 0.002 ng

RT: 23.04 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

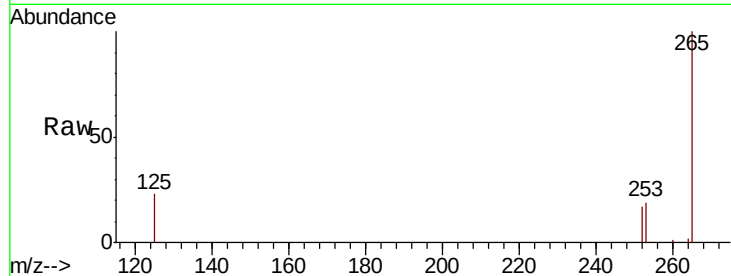
Tgt Ion:252 Resp: 359

Ion Ratio Lower Upper

252 100

253 110.1 19.3 28.9#

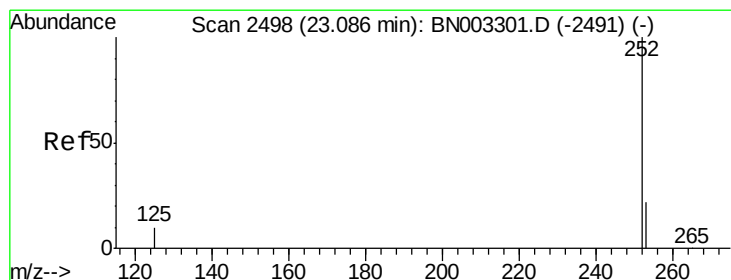
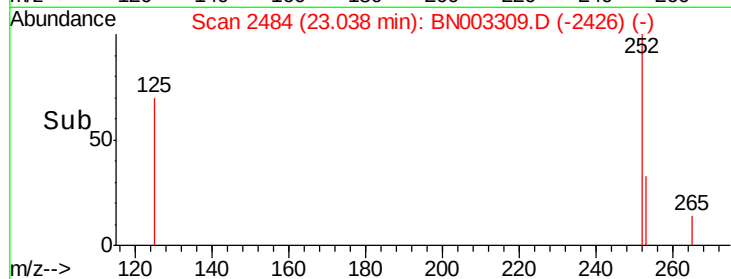
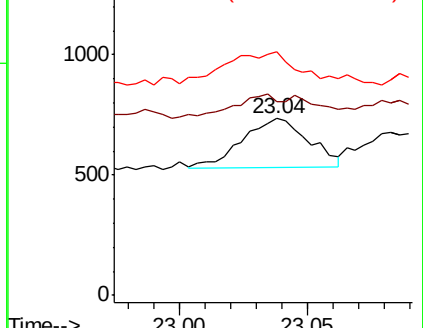
125 137.9 12.7 19.1#



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: 0.001 ng

RT: 23.08 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

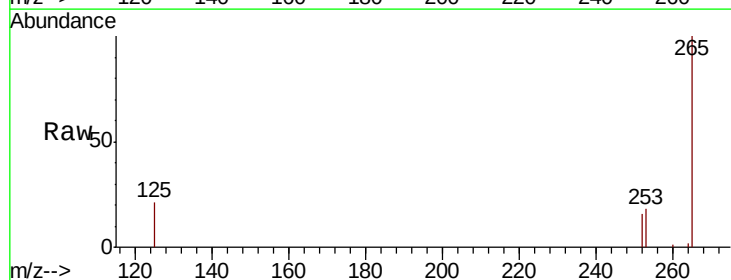
Tgt Ion:252 Resp: 239

Ion Ratio Lower Upper

252 100

253 118.5 18.5 27.7#

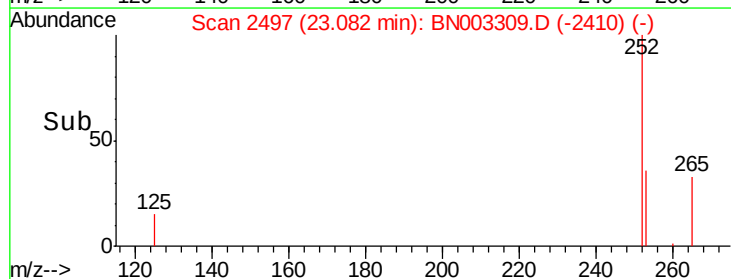
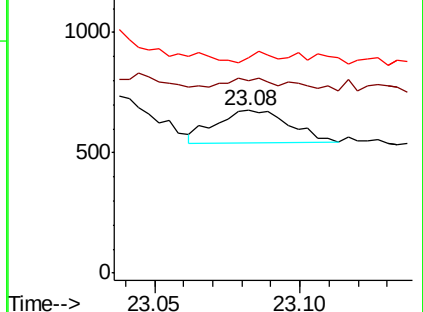
125 132.3 9.1 13.7#

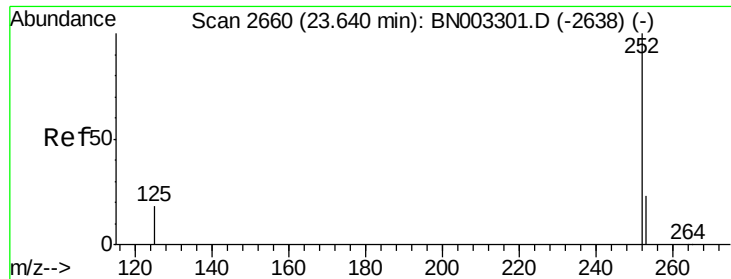


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.64 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

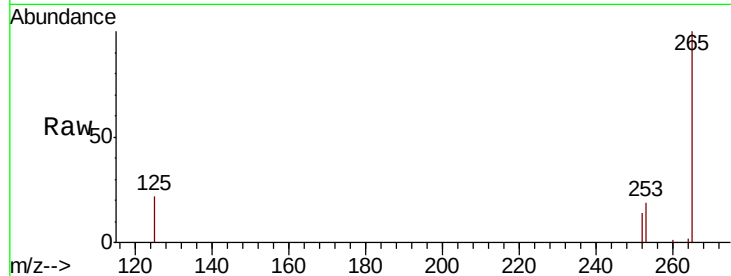
Tgt Ion: 252 Resp: 182

Ion Ratio Lower Upper

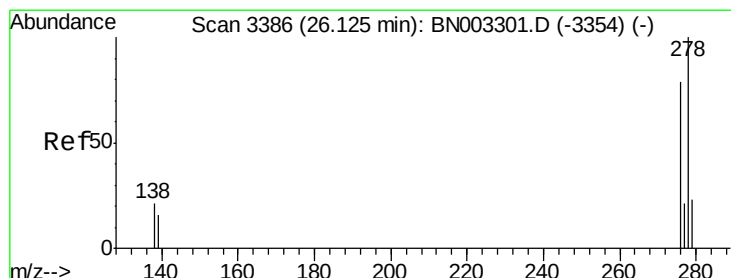
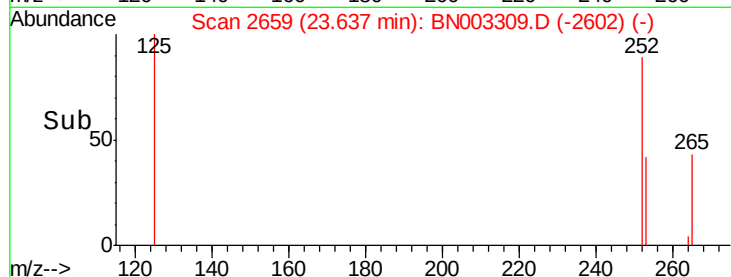
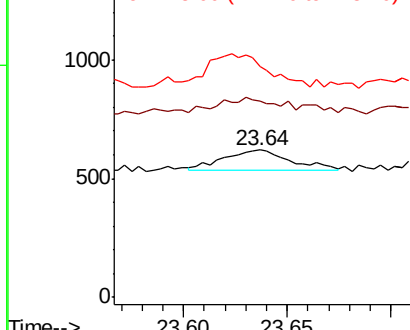
252 100

253 133.6 20.1 30.1#

125 156.7 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



#38

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.11 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

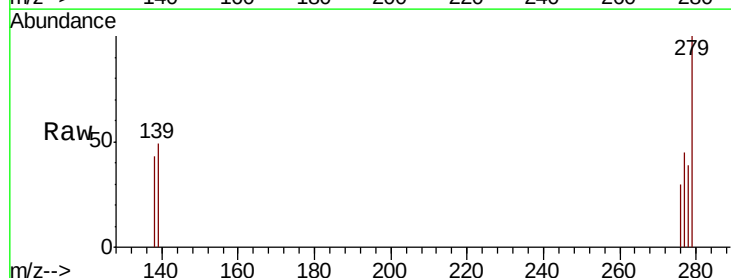
Tgt Ion: 278 Resp: 99

Ion Ratio Lower Upper

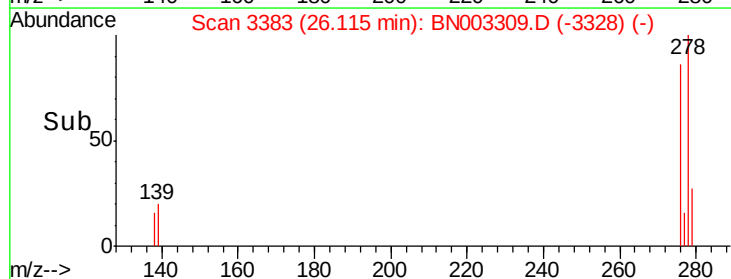
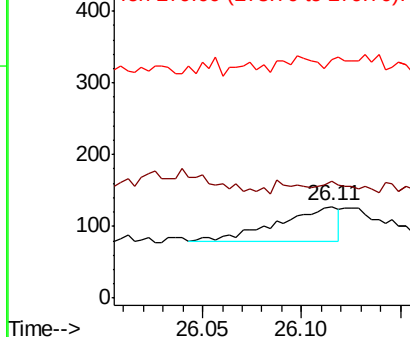
278 100

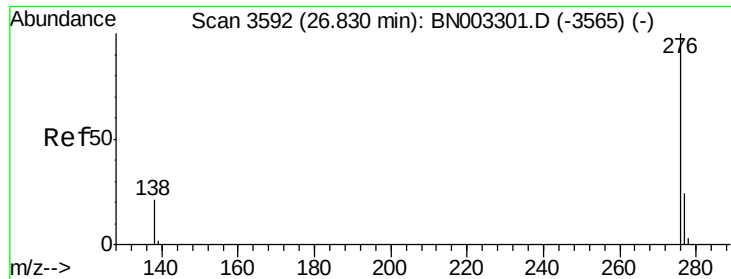
139 127.3 13.5 20.3#

279 259.4 19.8 29.6#



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: 0.001 ng

RT: 26.83 min Scan# 3593

Delta R.T. 0.00 min

Lab File: BN003309.D

Acq: 26 Oct 2018 17:42

Instrument :

BNA_N

ClientSampleId :

PB114054BL

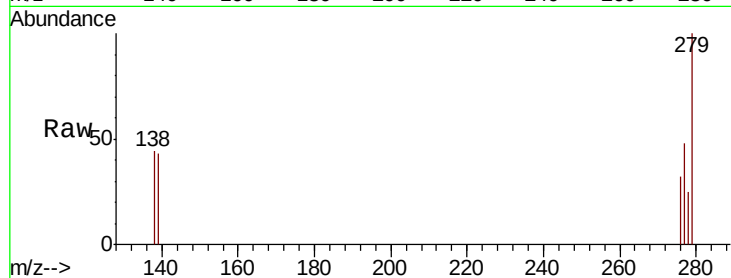
Tgt Ion: 276 Resp: 160

Ion Ratio Lower Upper

276 100

277 152.9 19.5 29.3#

138 138.5 17.4 26.2#



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

