

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
 Data File : BN003182.D
 Acq On : 17 Oct 2018 16:32
 Operator : MJ/SJ
 Sample : PB113776BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB113776BS

Quant Time: Oct 18 15:37:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 15:26:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	664	0.40	ng	0.03
7) Naphthalene-d8	10.48	136	2956	0.40	ng	0.05
13) Acenaphthene-d10	14.30	164	2021	0.40	ng	0.02
19) Phenanthrene-d10	17.07	188	5591	0.40	ng	0.02
27) Chrysene-d12	21.26	240	7655	0.40	ng	0.01
34) Perylene-d12	23.48	264	8525	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	142	0.10	ng	0.06
5) Phenol-d6	7.05	99	342	0.16	ng	0.11
8) Nitrobenzene-d5	8.98	82	255	0.13	ng	0.12
11) 2-Methylnaphthalene-d10	12.12	152	1524	0.30	ng	0.08
14) 2,4,6-Tribromophenol	15.87	330	278	0.22	ng	0.04
15) 2-Fluorobiphenyl	12.97	172	1737	0.22	ng	0.04
25) Fluoranthene-d10	19.10	212	4097	0.24	ng	0.02
29) Terphenyl-d14	19.70	244	3069	0.19	ng	0.02

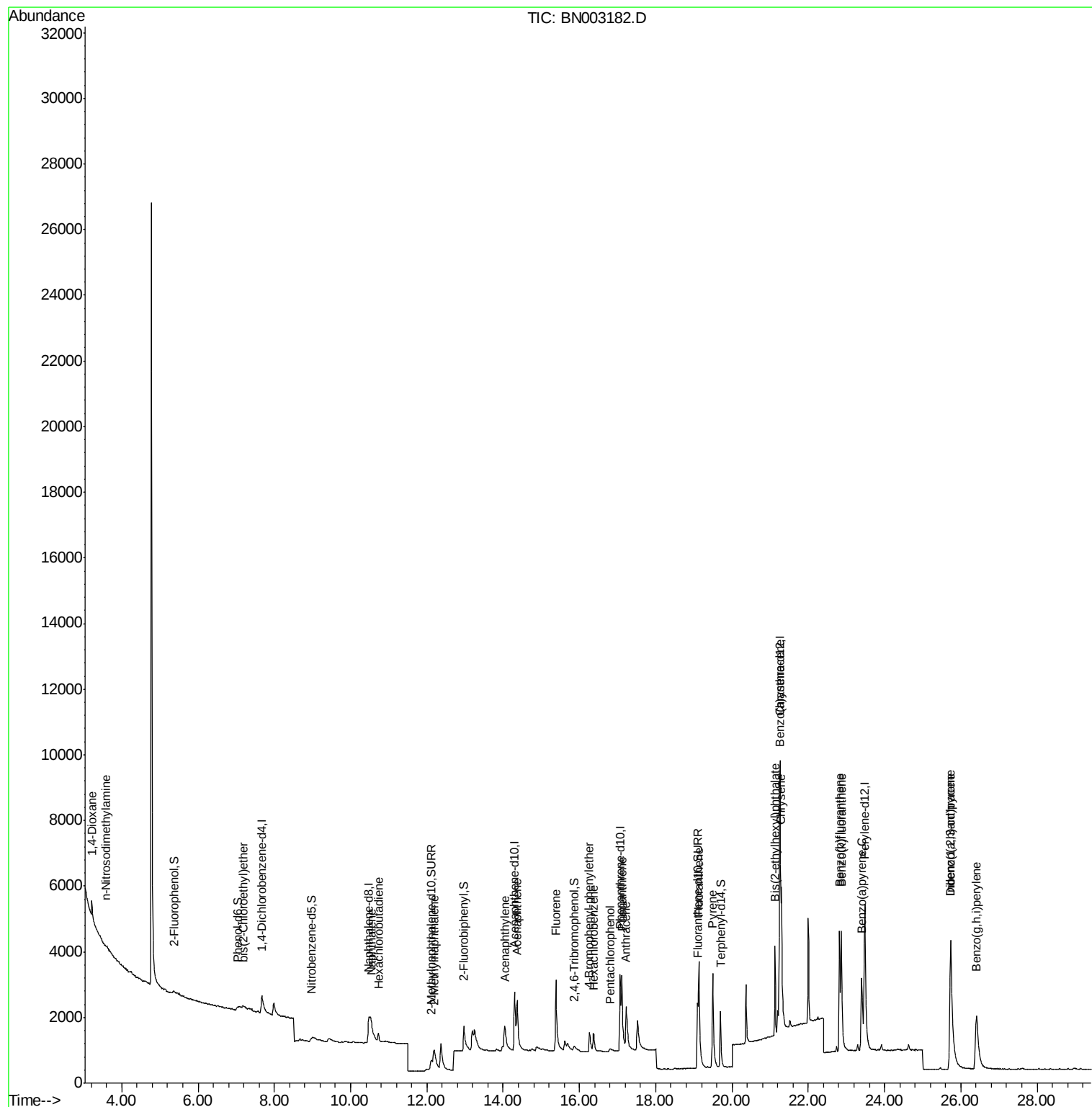
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	428	0.450	ng	# 50
3) n-Nitrosodimethylamine	3.59	42	70	0.281	ng	# 1
6) bis(2-Chloroethyl)ether	7.19	93	553	0.315	ng	# 31
9) Naphthalene	10.54	128	1758	0.239	ng	# 74
10) Hexachlorobutadiene	10.73	225	313	0.217	ng	# 97
12) 2-Methylnaphthalene	12.19	142	1147	0.228	ng	92
16) Acenaphthylene	14.04	152	2064	0.225	ng	99
17) Acenaphthene	14.37	154	1400	0.229	ng	98
18) Fluorene	15.38	166	1889	0.237	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	554	0.177	ng	# 91
21) Hexachlorobenzene	16.38	284	681	0.198	ng	99
22) Pentachlorophenol	16.80	266	136	0.256	ng	86
23) Phenanthrene	17.11	178	3333	0.228	ng	99
24) Anthracene	17.23	178	3017	0.225	ng	99
26) Fluoranthene	19.13	202	4729	0.252	ng	99
28) Pyrene	19.49	202	4856	0.227	ng	99
30) Benzo(a)anthracene	21.25	228	4410	0.214	ng	98
31) Chrysene	21.29	228	6051	0.257	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	2654	0.218	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.74	276	7040	0.253	ng	99
35) Benzo(b)fluoranthene	22.82	252	5343	0.232	ng	# 95
36) Benzo(k)fluoranthene	22.87	252	6801	0.250	ng	# 94
37) Benzo(a)pyrene	23.40	252	5917	0.249	ng	# 91
38) Dibenzo(a,h)anthracene	25.74	278	5855	0.241	ng	# 96
39) Benzo(g,h,i)perylene	26.41	276	6156	0.251	ng	# 95

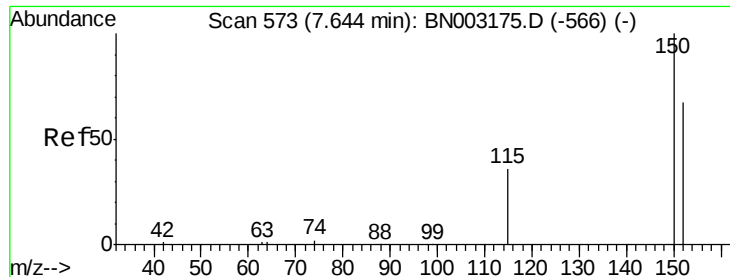
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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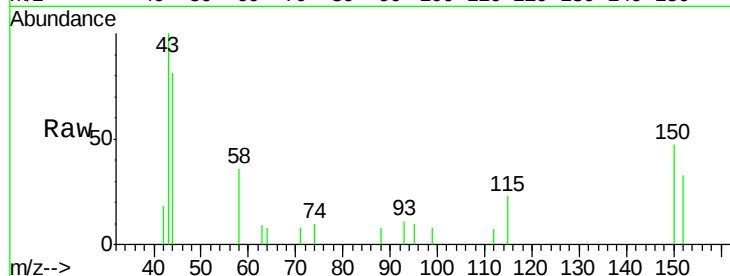


#1

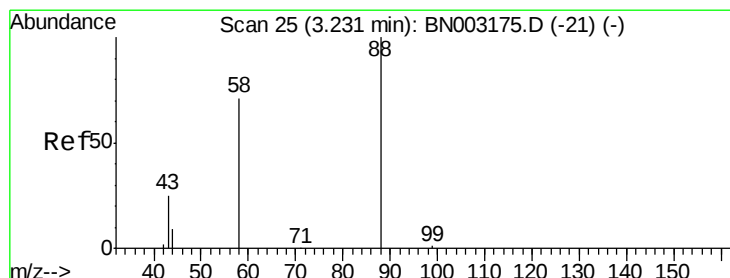
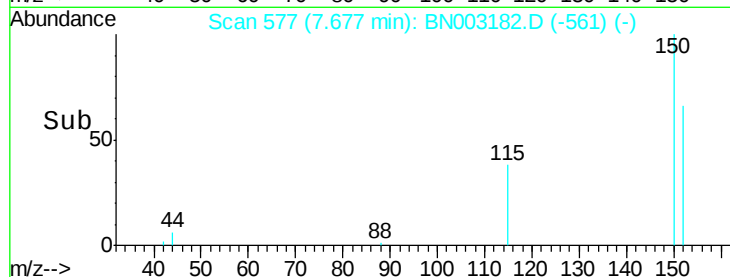
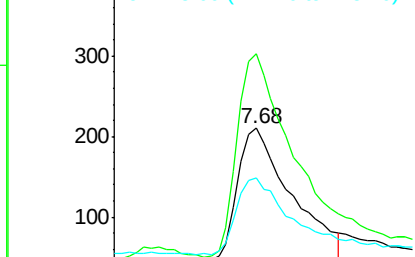
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.68 min Scan# 577
 Delta R.T. 0.03 min
 Lab File: BN003182.D
 Acq: 17 Oct 2018 16:32

Instrument :
 BNA_N
 ClientSampleId :
 PB113776BS

Tgt Ion:152 Resp: 664
 Ion Ratio Lower Upper
 152 100
 150 144.3 126.2 189.4
 115 70.5 49.8 74.6



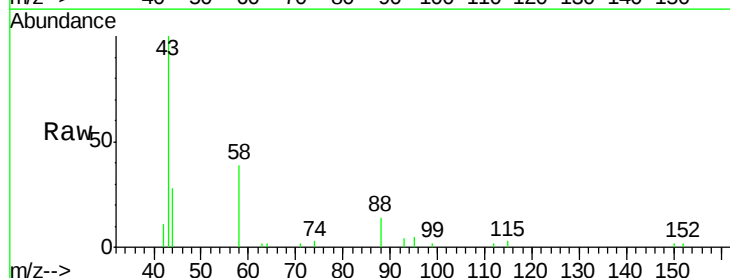
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



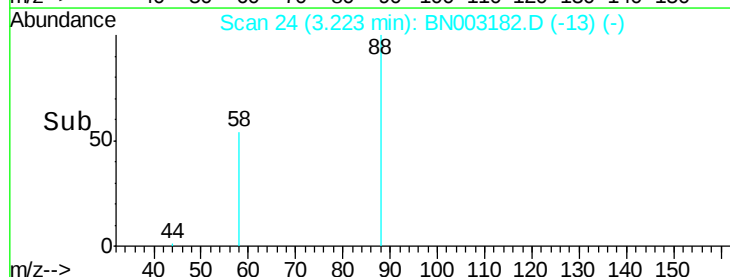
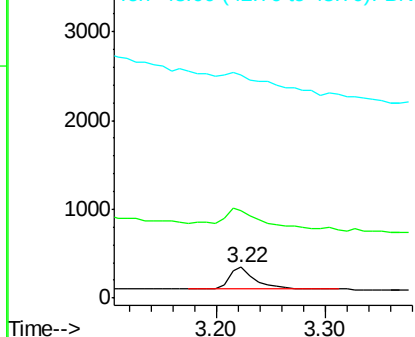
#2

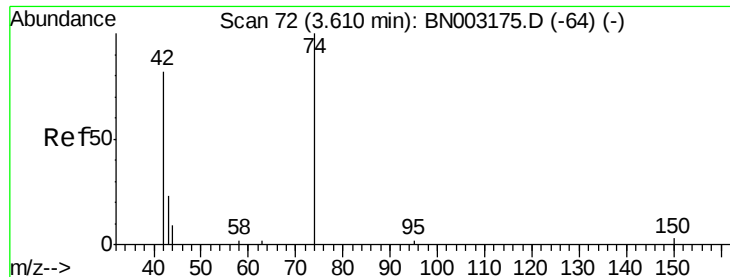
1,4-Dioxane
 Concen: 0.450 ng
 RT: 3.22 min Scan# 24
 Delta R.T. -0.01 min
 Lab File: BN003182.D
 Acq: 17 Oct 2018 16:32

Tgt Ion: 88 Resp: 428
 Ion Ratio Lower Upper
 88 100
 58 126.2 66.7 100.1#
 43 0.0 24.6 37.0#



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: 0.281 ng

RT: 3.59 min Scan# 69

Delta R.T. -0.02 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

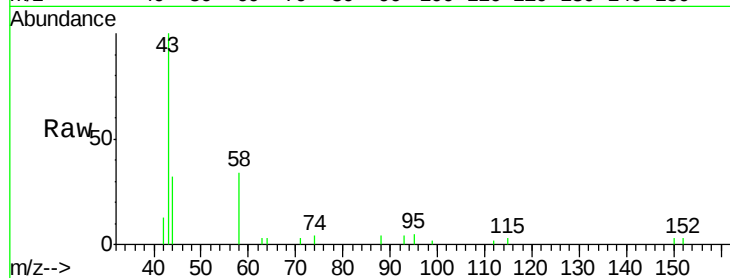
Tgt Ion: 42 Resp: 70

Ion Ratio Lower Upper

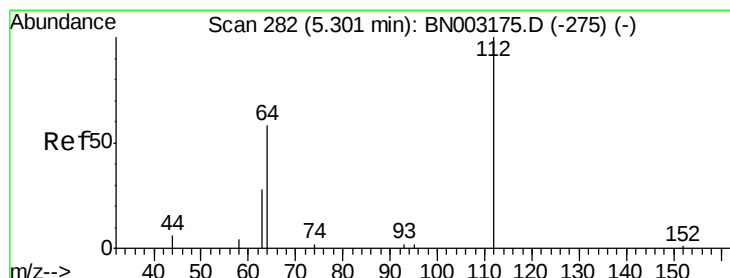
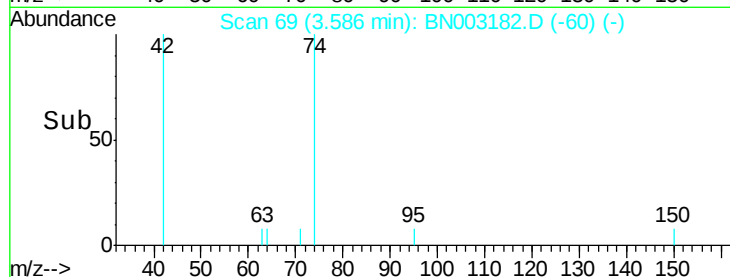
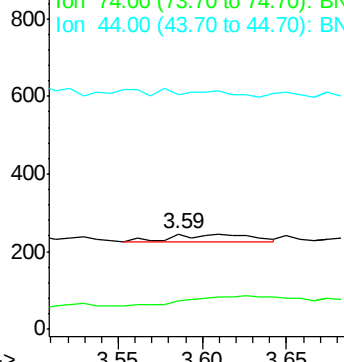
42 100

74 0.0 102.9 154.3#

44 0.0 0.0 0.0



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: 0.097 ng

RT: 5.37 min Scan# 290

Delta R.T. 0.06 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

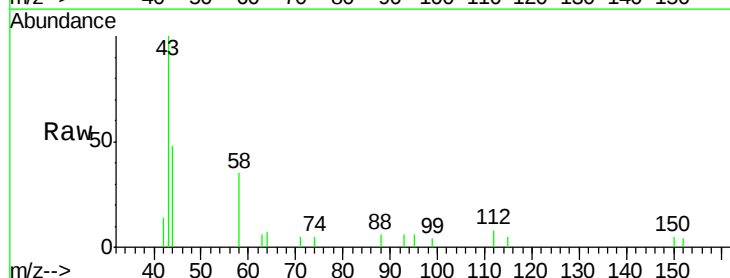
Tgt Ion: 112 Resp: 142

Ion Ratio Lower Upper

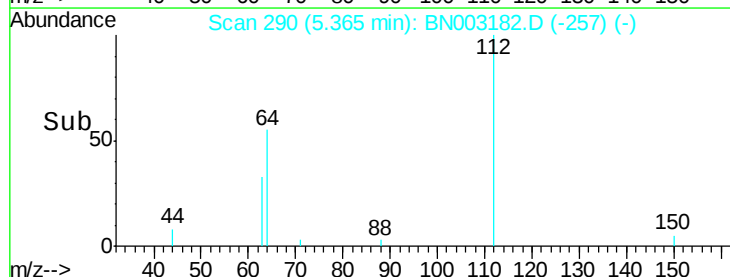
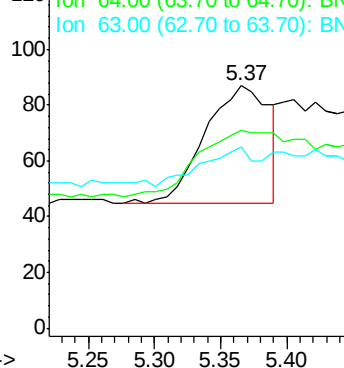
112 100

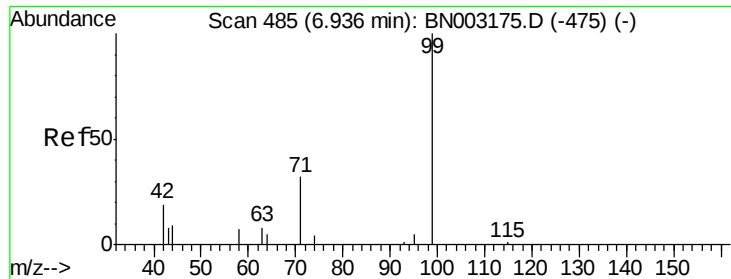
64 104.9 49.0 73.4#

63 24.6 25.9 38.9#



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: 0.164 ng

RT: 7.05 min Scan# 499

Delta R.T. 0.11 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

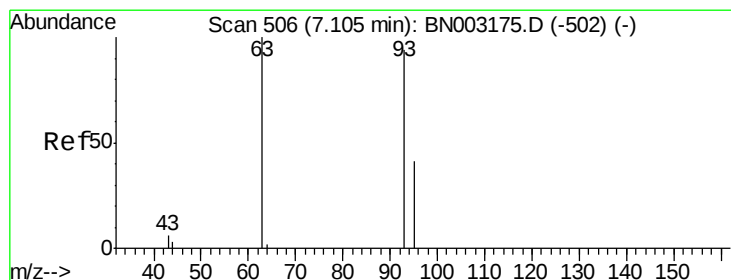
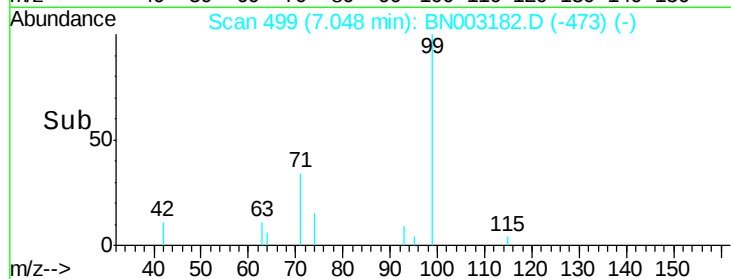
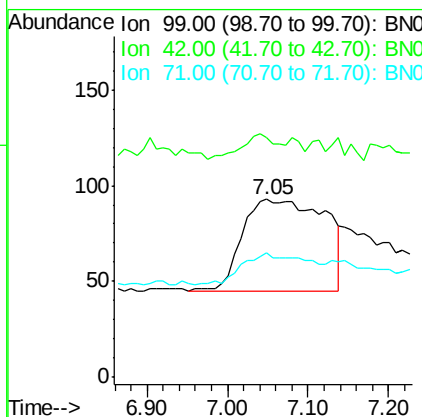
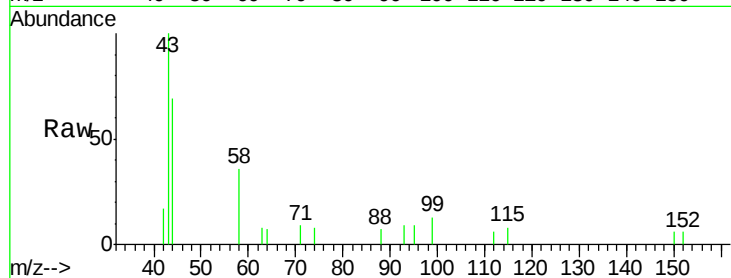
Instrument :

BNA_N

ClientSampleId :

PB113776BS

Tgt Ion:	99	Resp:	342
Ion	Ratio	Lower	Upper
99	100		
42	12.0	15.4	23.2#
71	26.9	26.0	39.0



#6

bis(2-Chloroethyl)ether

Concen: 0.315 ng

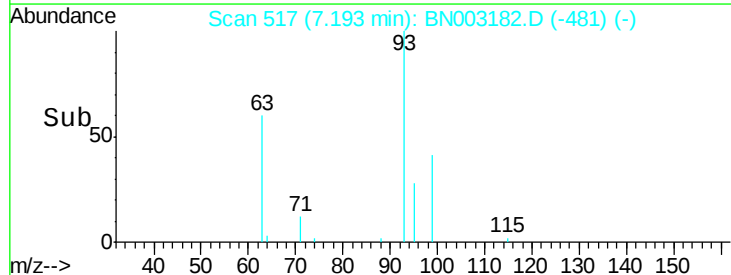
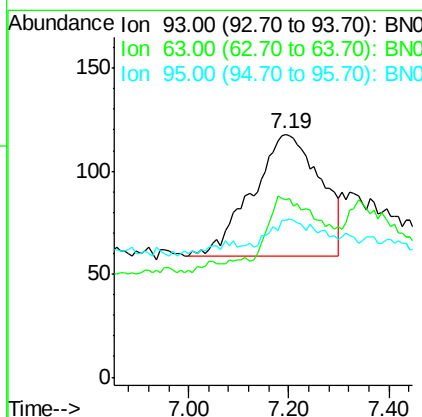
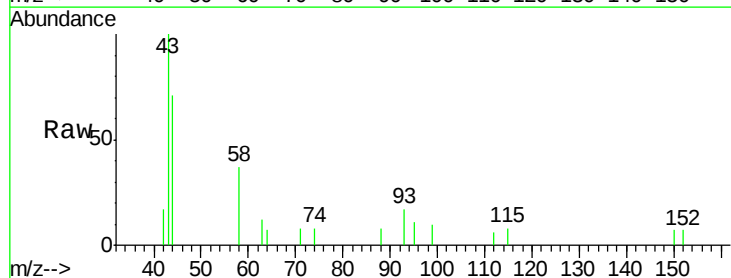
RT: 7.19 min Scan# 517

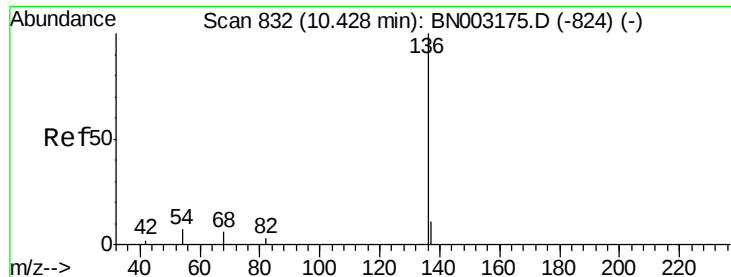
Delta R.T. 0.09 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Tgt Ion:	93	Resp:	553
Ion	Ratio	Lower	Upper
93	100		
63	0.0	54.2	81.4#
95	10.7	24.9	37.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. 0.05 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

Tgt Ion:136 Resp: 2956

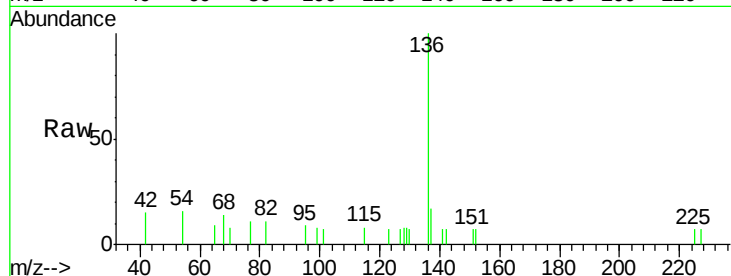
Ion Ratio Lower Upper

136 100

137 16.6 9.4 14.0#

54 16.3 7.4 11.0#

68 14.1 5.8 8.6#



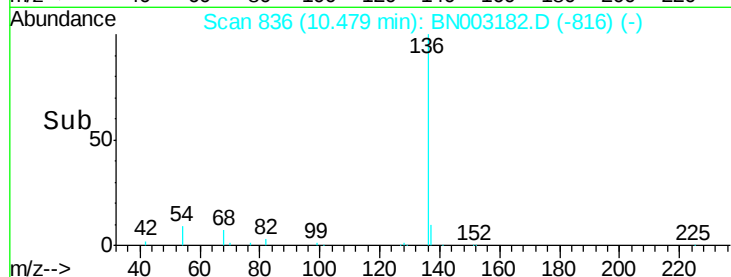
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

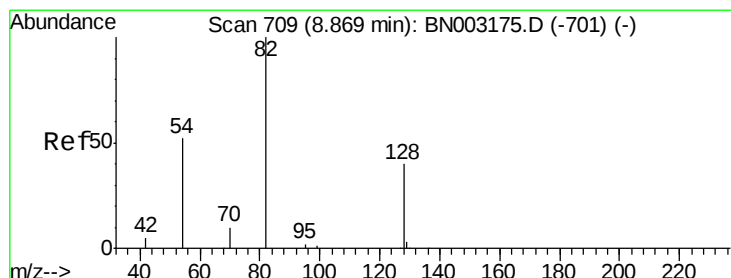
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.134 ng

RT: 8.98 min Scan# 718

Delta R.T. 0.12 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

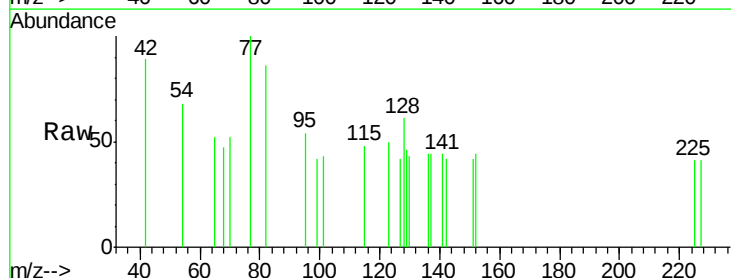
Tgt Ion: 82 Resp: 255

Ion Ratio Lower Upper

82 100

128 71.3 38.2 57.4#

54 78.7 44.1 66.1#

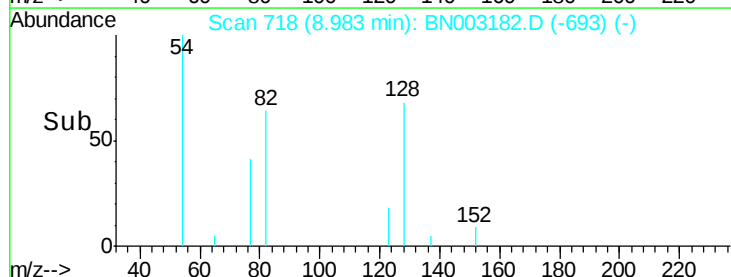


Abundance Ion 82.00 (81.70 to 82.70): BNC

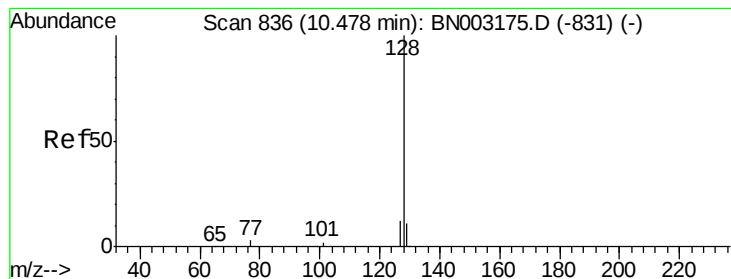
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->



Time-->



#9

Naphthalene

Concen: 0.239 ng

RT: 10.54 min Scan# 841

Delta R.T. 0.06 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

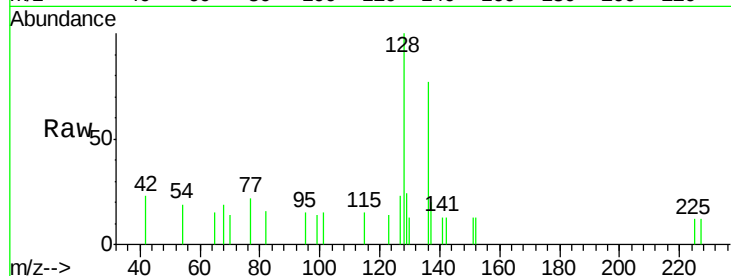
Tgt Ion:128 Resp: 1758

Ion Ratio Lower Upper

128 100

129 24.3 9.8 14.6#

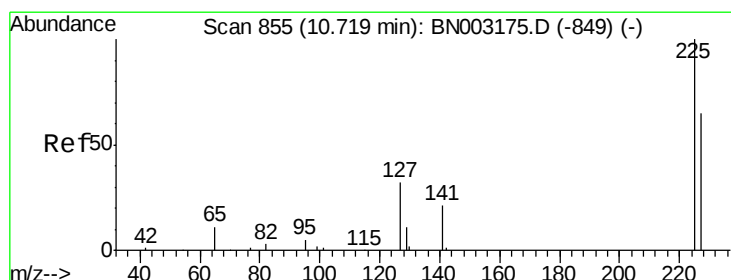
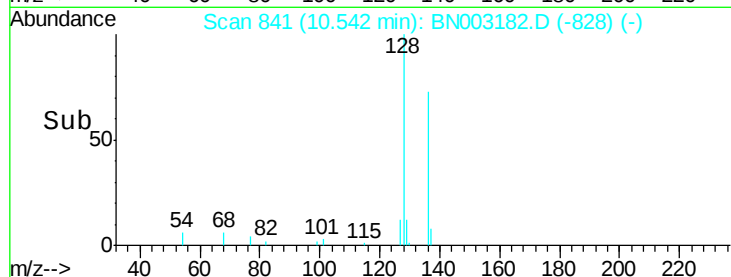
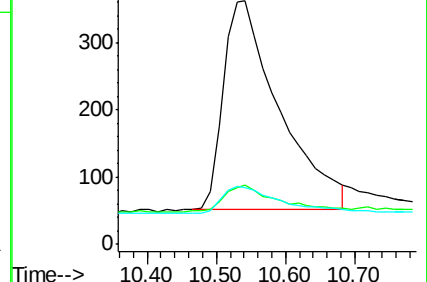
127 23.2 11.4 17.2#



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: 0.217 ng

RT: 10.73 min Scan# 856

Delta R.T. 0.01 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

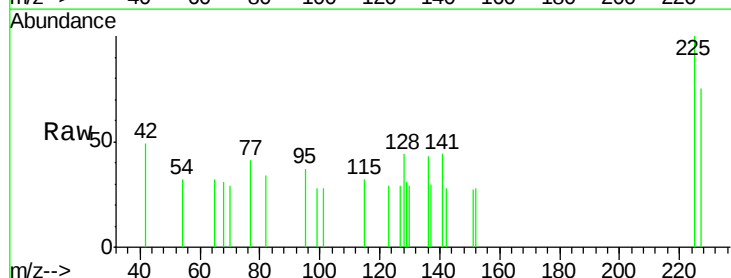
Tgt Ion:225 Resp: 313

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

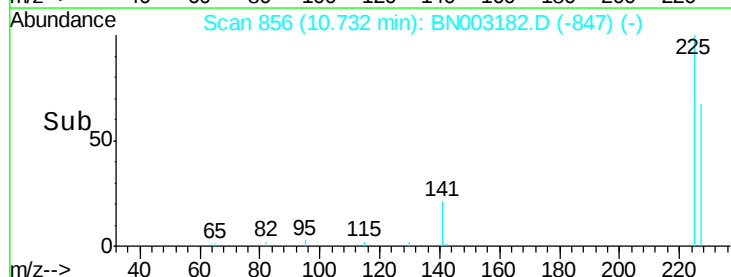
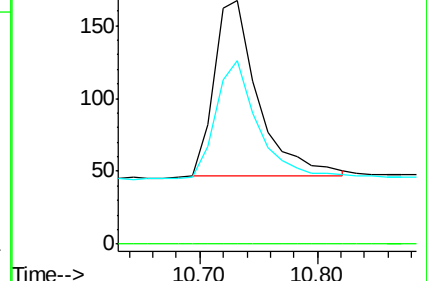
227 62.3 51.8 77.8

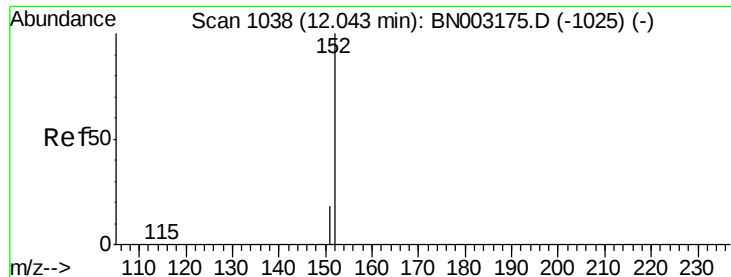


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

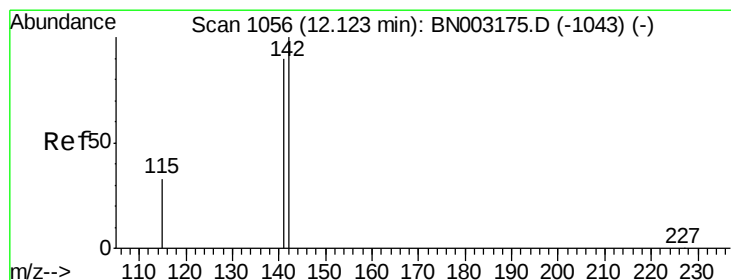
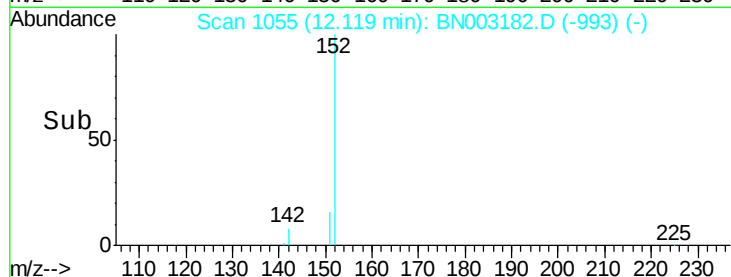
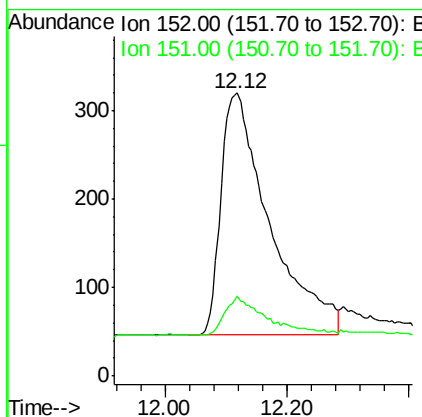
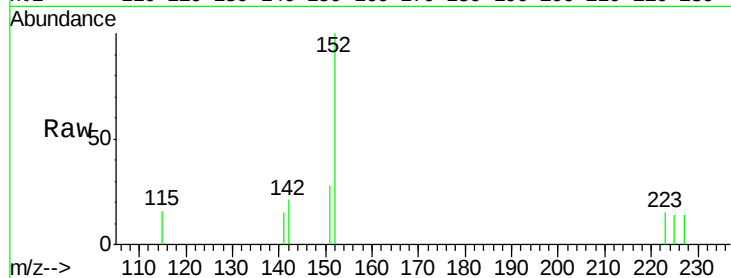




#11
 2-Methylnaphthalene-d10
 Concen: 0.305 ng
 RT: 12.12 min Scan# 1055
 Delta R.T. 0.08 min
 Lab File: BN003182.D
 Acq: 17 Oct 2018 16:32

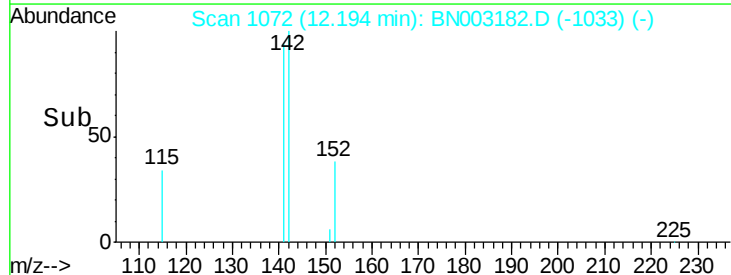
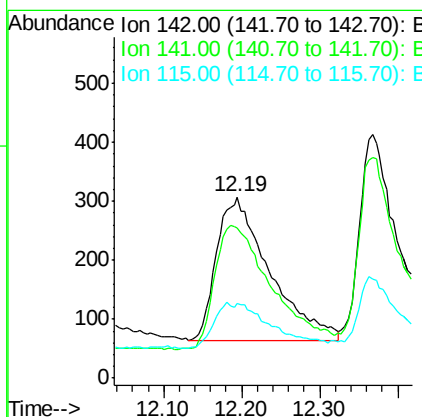
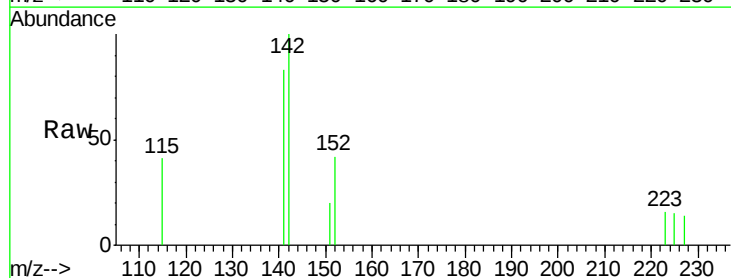
Instrument :
 BNA_N
 ClientSampleId :
 PB113776BS

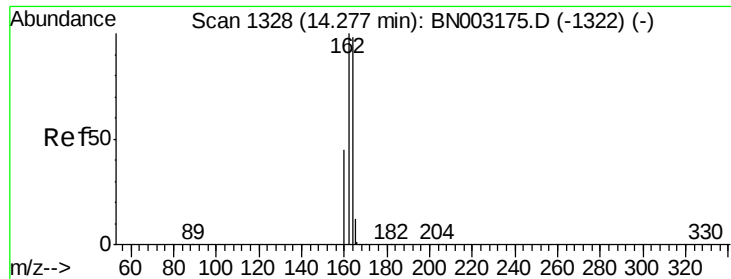
Tgt Ion:152 Resp: 1524
 Ion Ratio Lower Upper
 152 100
 151 13.4 15.0 22.4#



#12
 2-Methylnaphthalene
 Concen: 0.228 ng
 RT: 12.19 min Scan# 1072
 Delta R.T. 0.07 min
 Lab File: BN003182.D
 Acq: 17 Oct 2018 16:32

Tgt Ion:142 Resp: 1147
 Ion Ratio Lower Upper
 142 100
 141 82.7 71.5 107.3
 115 41.0 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

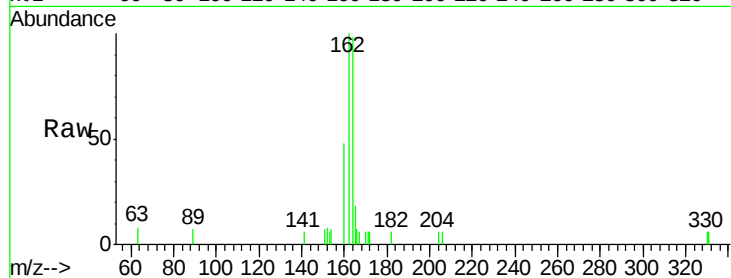
Tgt Ion:164 Resp: 2021

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

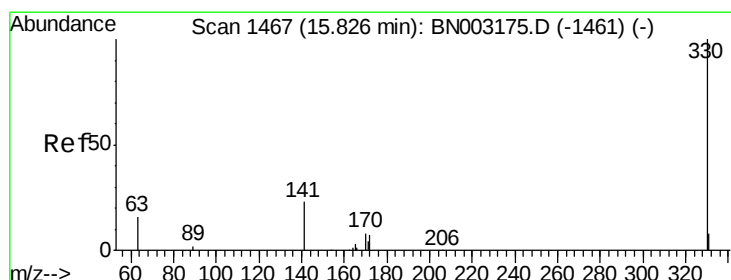
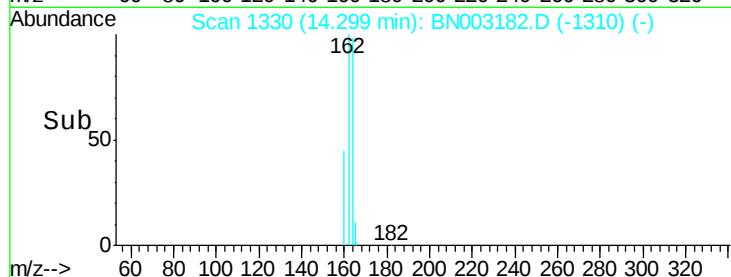
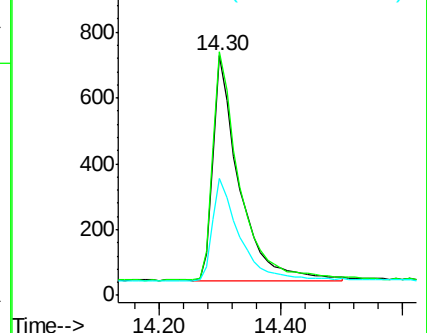
160 48.9 36.3 54.5



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: 0.216 ng

RT: 15.87 min Scan# 1471

Delta R.T. 0.04 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

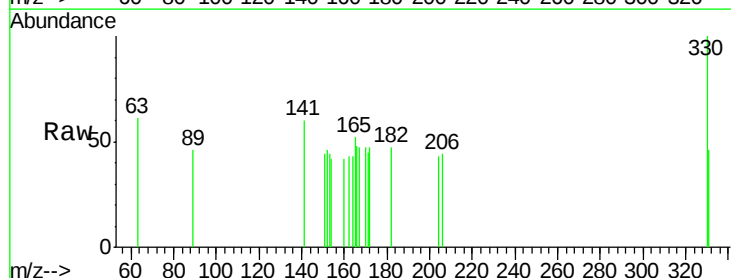
Tgt Ion:330 Resp: 278

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

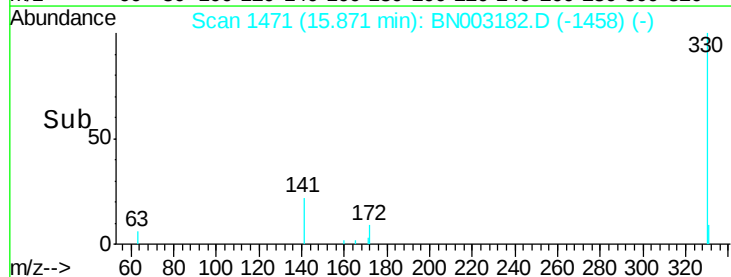
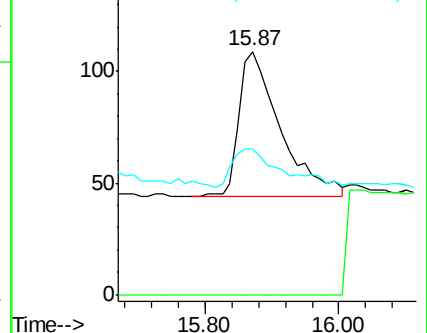
141 32.4 22.6 33.8

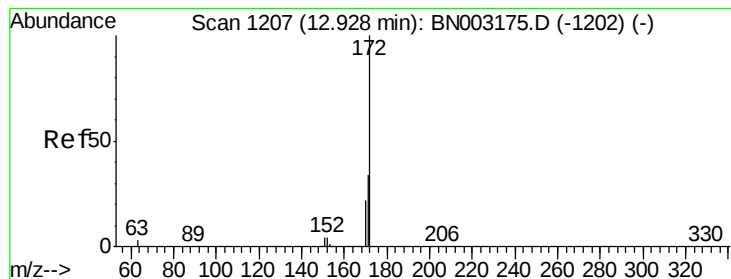


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.218 ng

RT: 12.97 min Scan# 1211

Delta R.T. 0.04 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

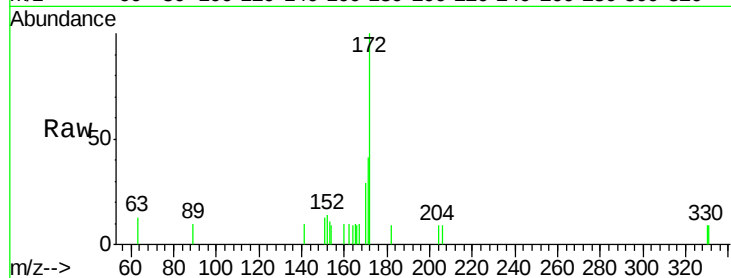
Tgt Ion:172 Resp: 1737

Ion Ratio Lower Upper

172 100

171 41.0 28.6 43.0

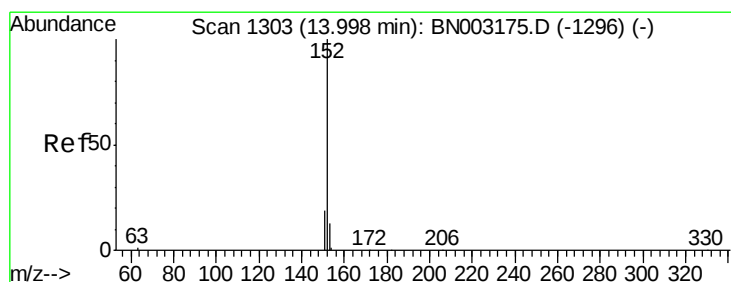
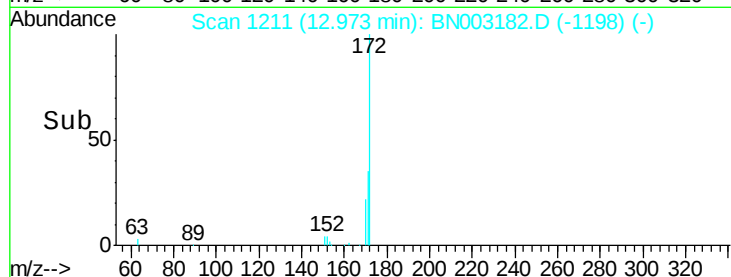
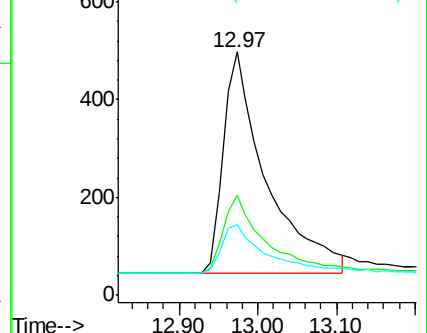
170 29.1 18.6 27.8#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.225 ng

RT: 14.04 min Scan# 1307

Delta R.T. 0.04 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

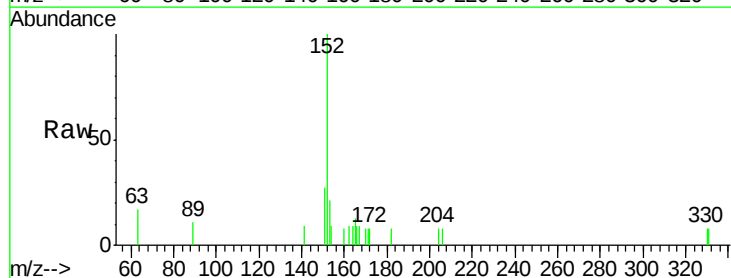
Tgt Ion:152 Resp: 2064

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

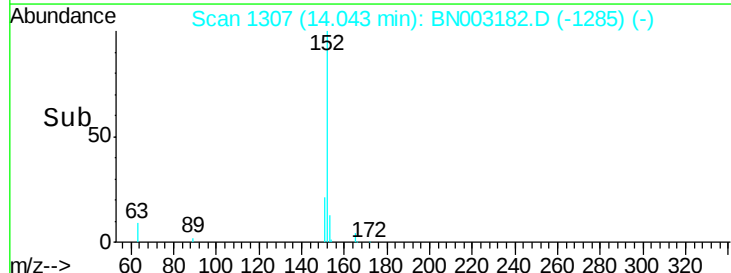
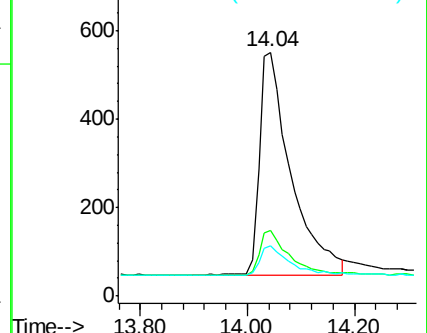
153 12.8 10.6 16.0

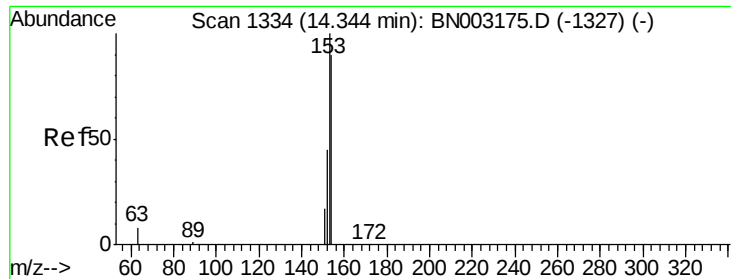


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.229 ng

RT: 14.37 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

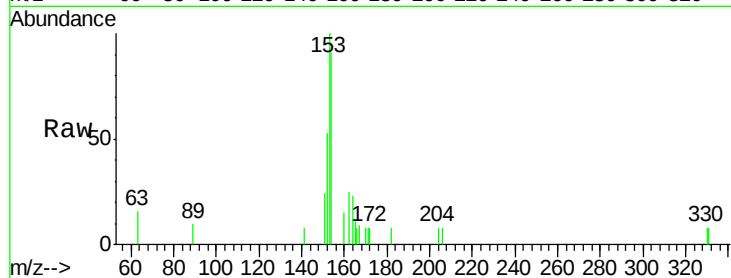
Tgt Ion:154 Resp: 1400

Ion Ratio Lower Upper

154 100

153 112.4 91.0 136.4

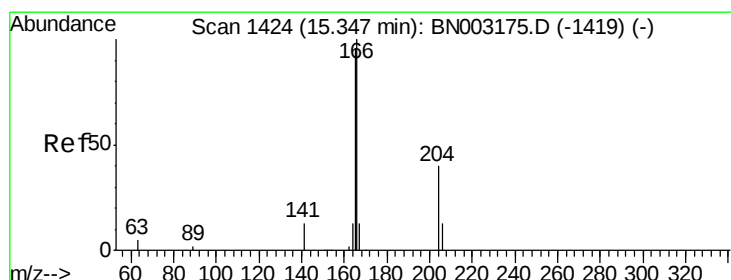
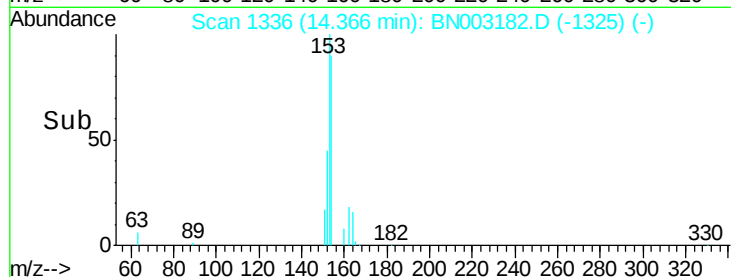
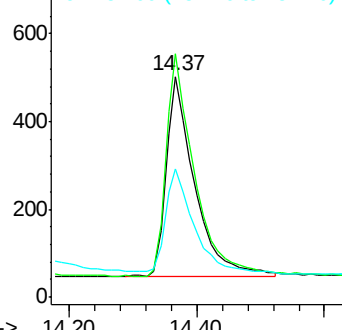
152 51.2 43.8 65.6



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: 0.237 ng

RT: 15.38 min Scan# 1427

Delta R.T. 0.03 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

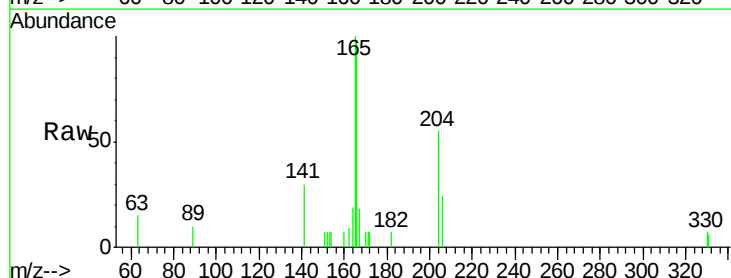
Tgt Ion:166 Resp: 1889

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.2

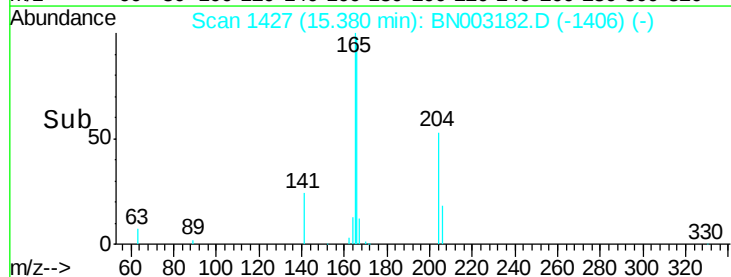
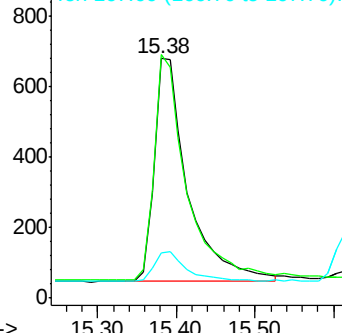
167 13.3 10.7 16.1

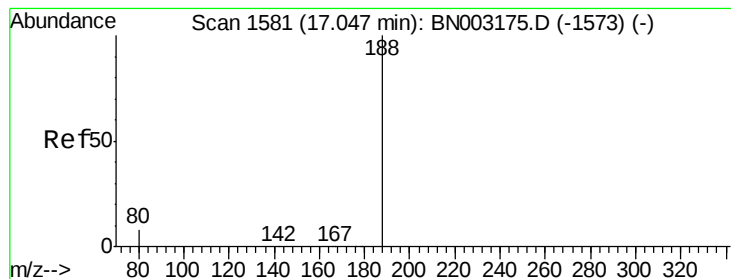


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.02 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

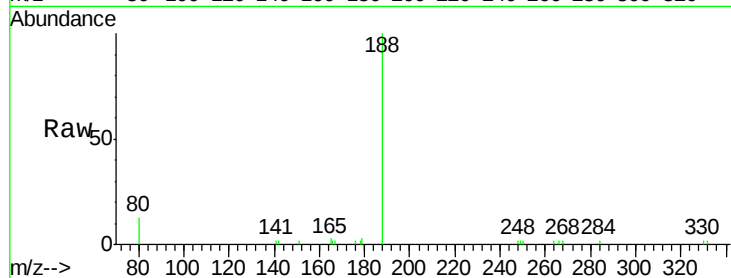
Tgt Ion:188 Resp: 5591

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

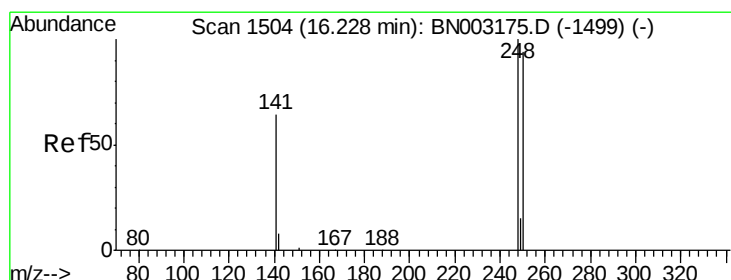
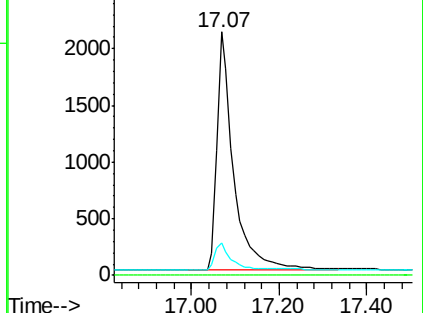
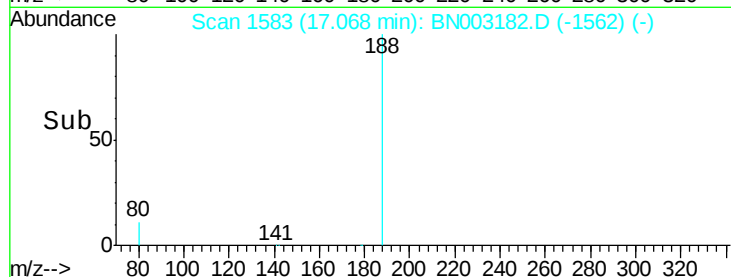
80 13.5 6.7 10.1#



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: 0.177 ng

RT: 16.26 min Scan# 1507

Delta R.T. 0.03 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

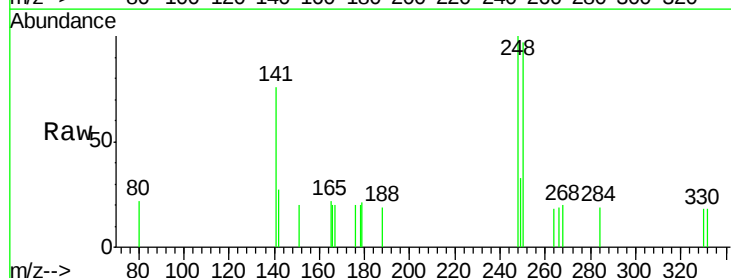
Tgt Ion:248 Resp: 554

Ion Ratio Lower Upper

248 100

250 96.7 78.9 118.3

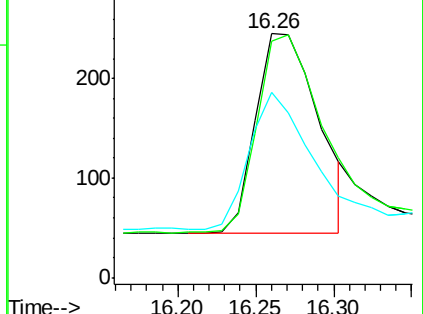
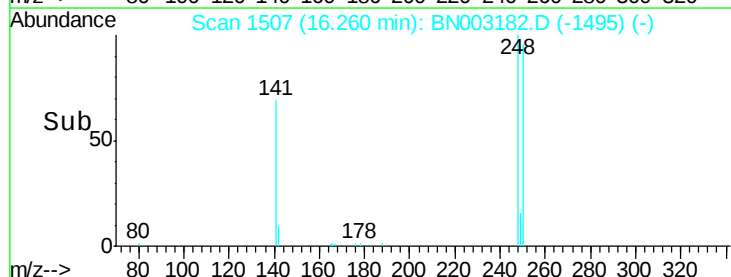
141 75.9 48.5 72.7#

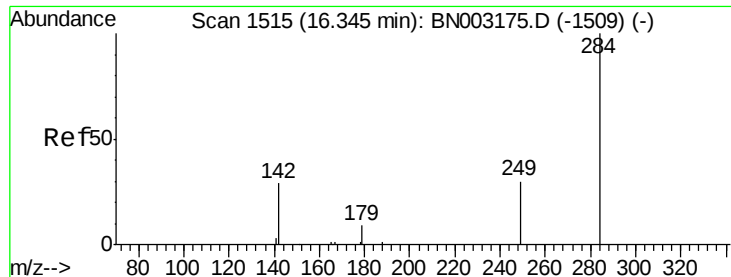


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

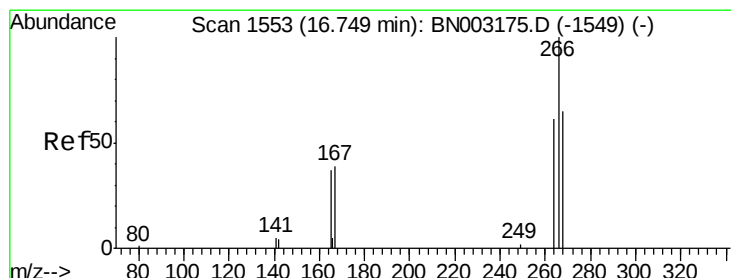
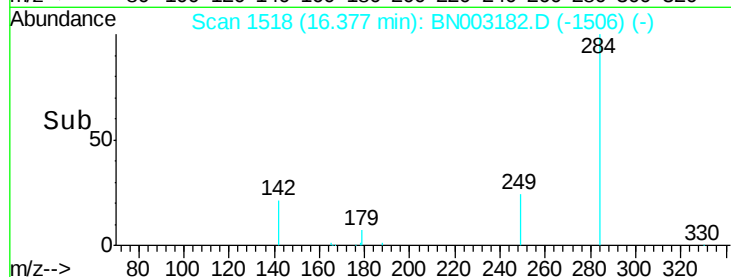
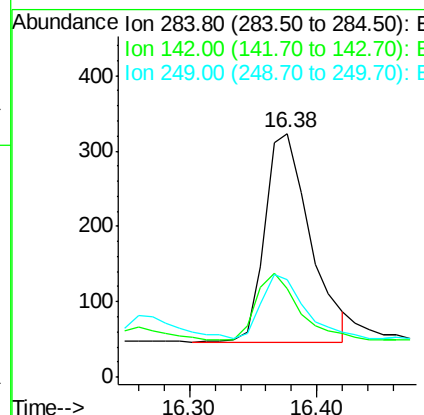
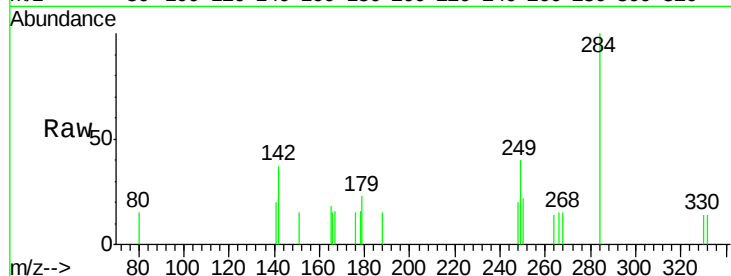




#21
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.38 min Scan# 1518
Delta R.T. 0.03 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

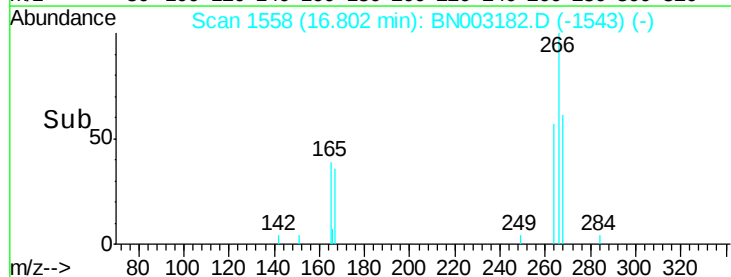
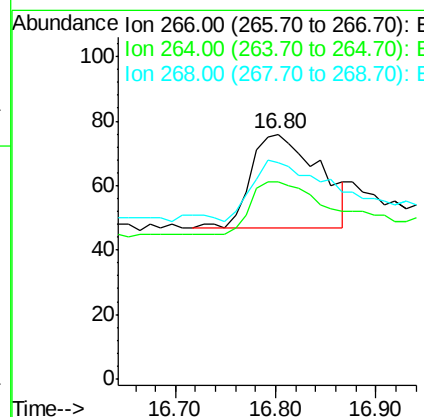
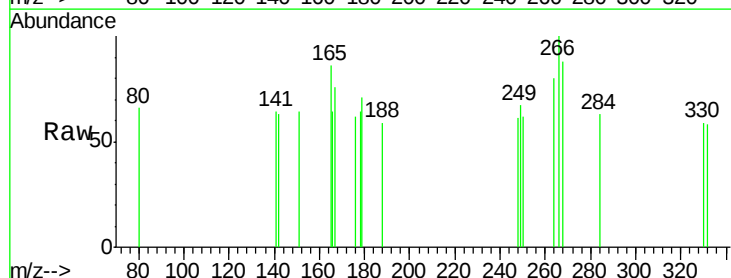
Instrument :
BNA_N
ClientSampleId :
PB113776BS

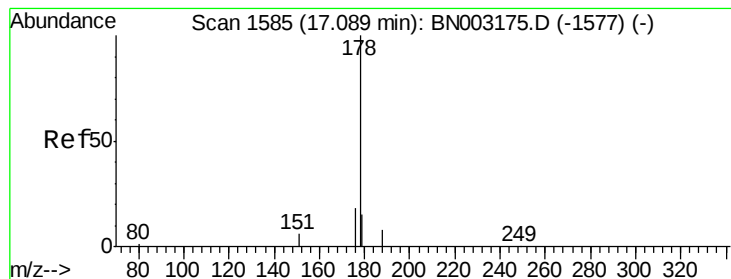
Tgt Ion: 284 Resp: 681
Ion Ratio Lower Upper
284 100
142 30.1 24.6 37.0
249 28.2 22.3 33.5



#22
Pentachlorophenol
Concen: 0.256 ng
RT: 16.80 min Scan# 1558
Delta R.T. 0.05 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion: 266 Resp: 136
Ion Ratio Lower Upper
266 100
264 80.3 55.0 82.4
268 88.2 60.6 91.0





#23

Phenanthrene

Concen: 0.228 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

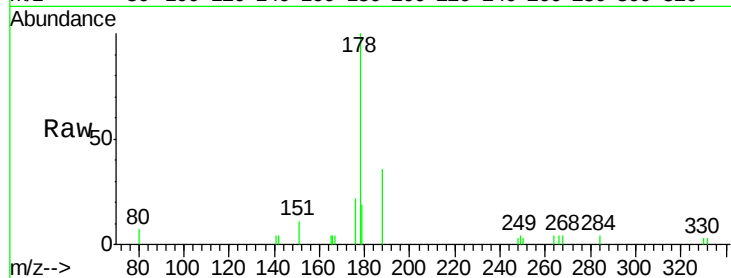
Tgt Ion:178 Resp: 3333

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

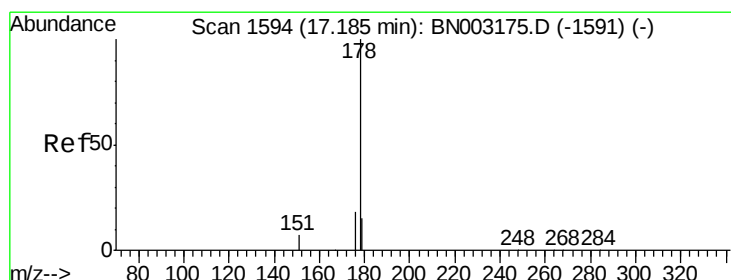
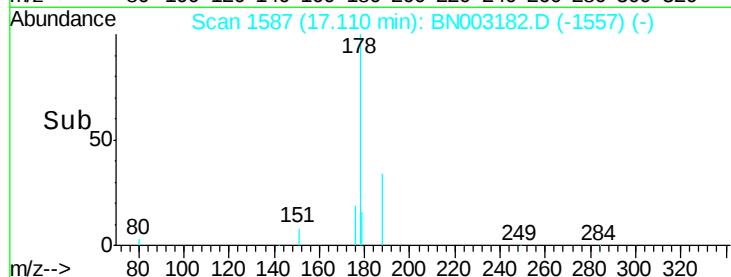
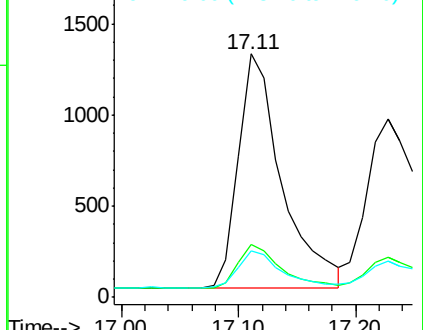
179 15.9 12.3 18.5



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: 0.225 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.04 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

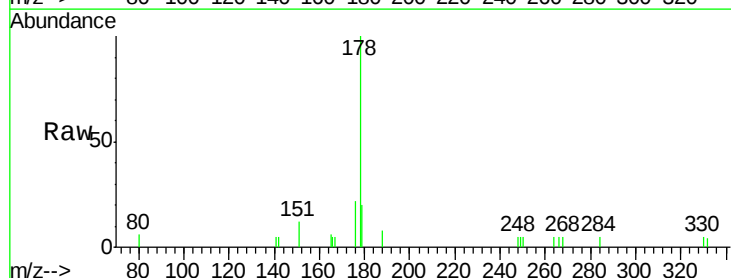
Tgt Ion:178 Resp: 3017

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

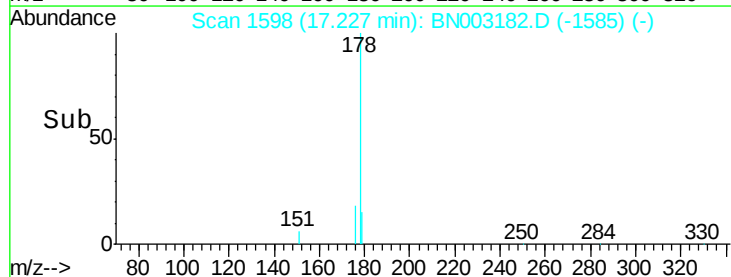
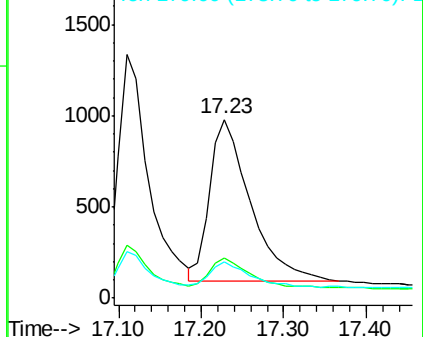
179 14.7 12.3 18.5

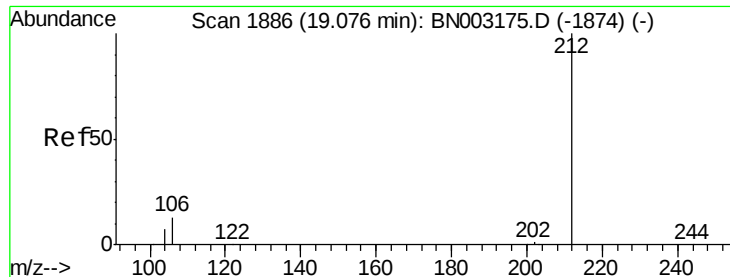


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

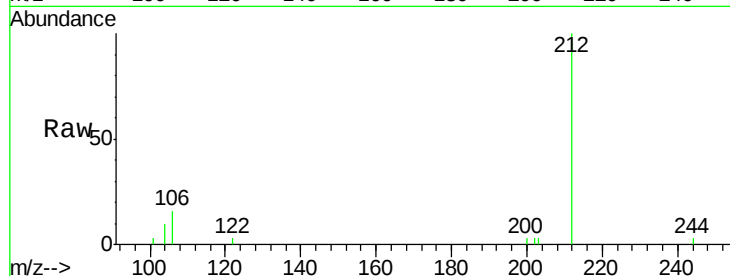




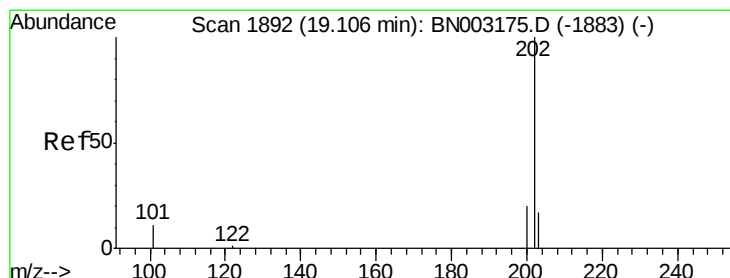
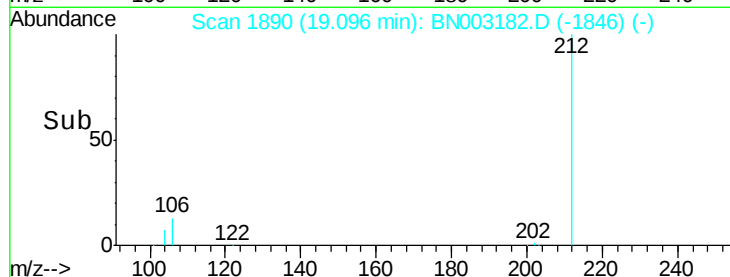
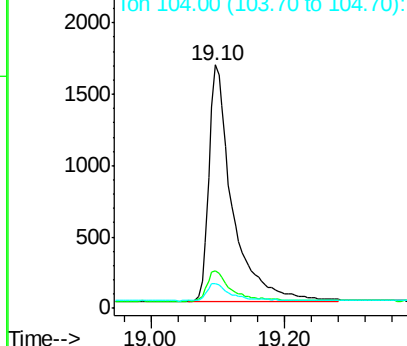
#25
 Fluoranthene-d10
 Concen: 0.236 ng
 RT: 19.10 min Scan# 1890
 Delta R.T. 0.02 min
 Lab File: BN003182.D
 Acq: 17 Oct 2018 16:32

Instrument :
 BNA_N
 ClientSampleId :
 PB113776BS

Tgt Ion: 212 Resp: 4097
 Ion Ratio Lower Upper
 212 100
 106 13.0 10.2 15.4
 104 7.3 5.8 8.6

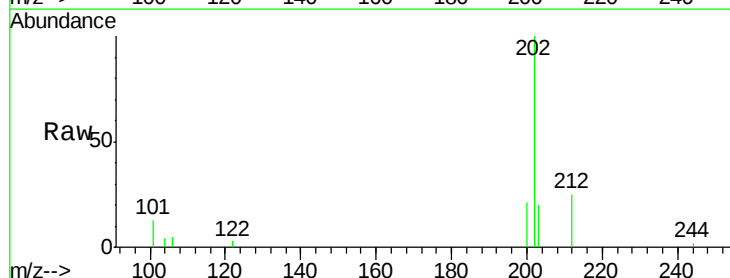


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

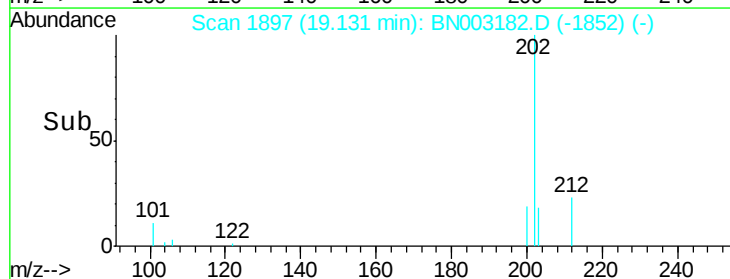
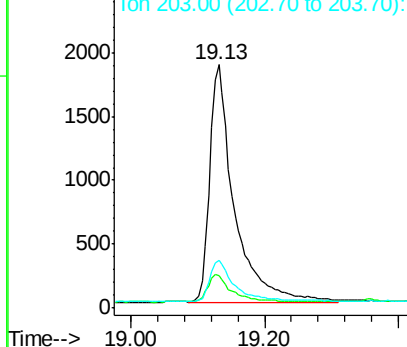


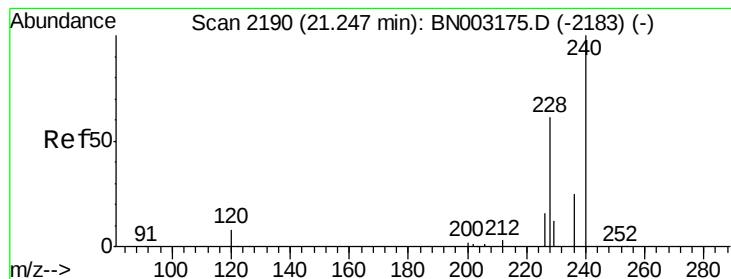
#26
 Fluoranthene
 Concen: 0.252 ng
 RT: 19.13 min Scan# 1897
 Delta R.T. 0.02 min
 Lab File: BN003182.D
 Acq: 17 Oct 2018 16:32

Tgt Ion: 202 Resp: 4729
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.6 12.8
 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: 21.26 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

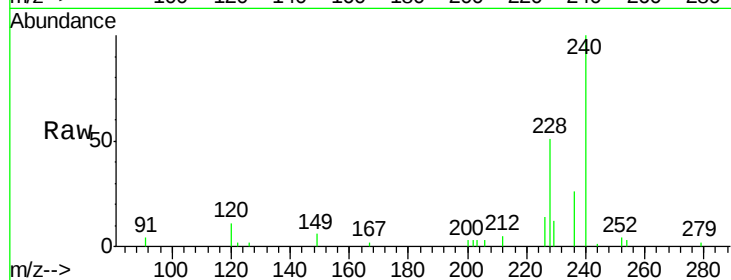
Tgt Ion:240 Resp: 7655

Ion Ratio Lower Upper

240 100

120 10.9 7.8 11.8

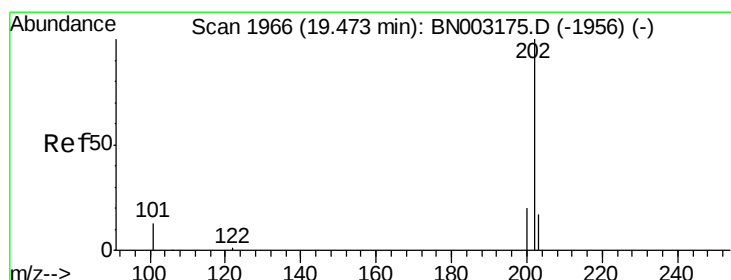
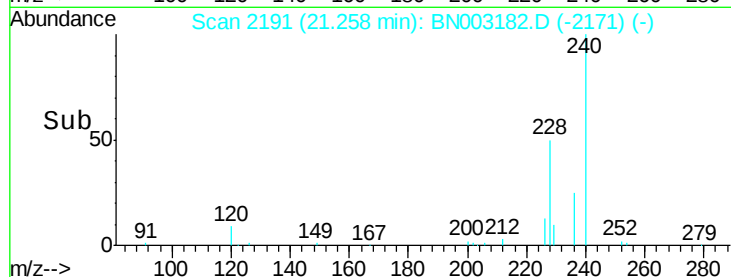
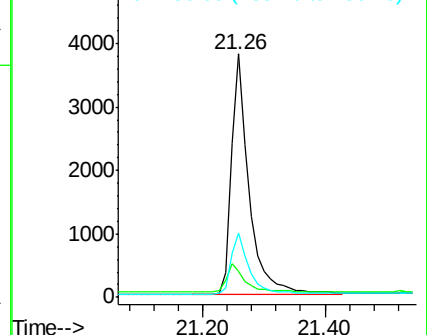
236 26.5 21.0 31.4



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: 0.227 ng

RT: 19.49 min Scan# 1970

Delta R.T. 0.02 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

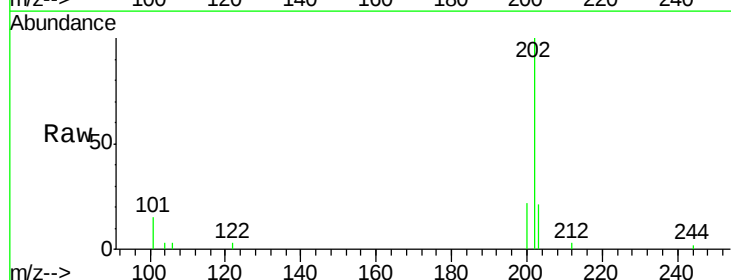
Tgt Ion:202 Resp: 4856

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

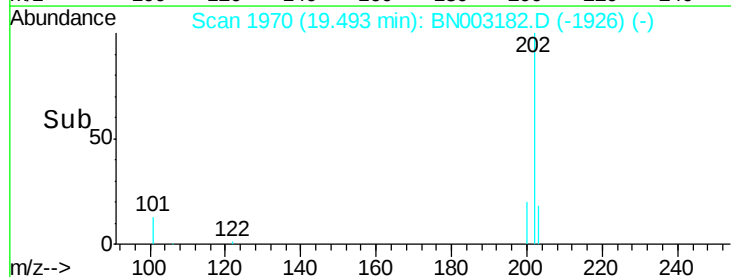
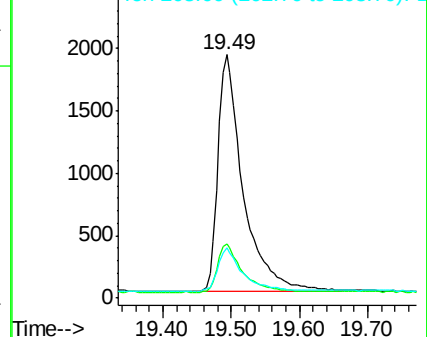
203 18.2 14.2 21.2

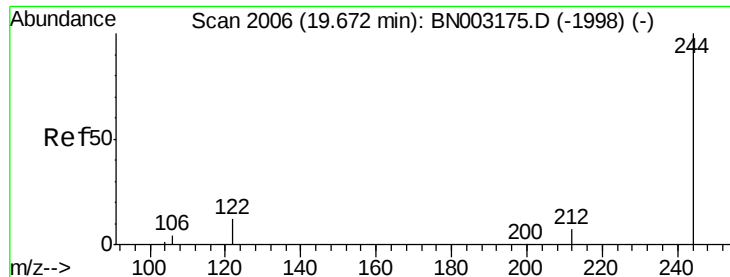


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.185 ng

RT: 19.70 min Scan# 2011

Delta R.T. 0.02 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

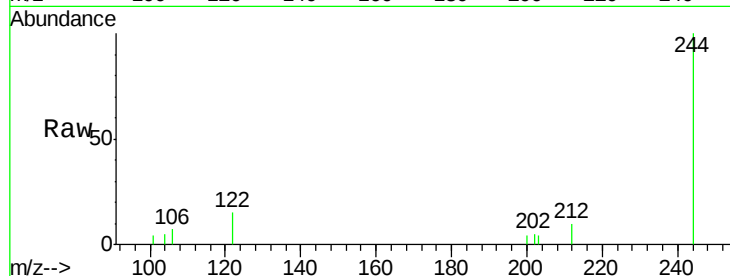
Tgt Ion:244 Resp: 3069

Ion Ratio Lower Upper

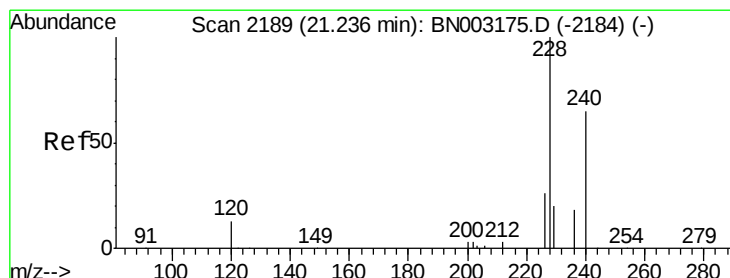
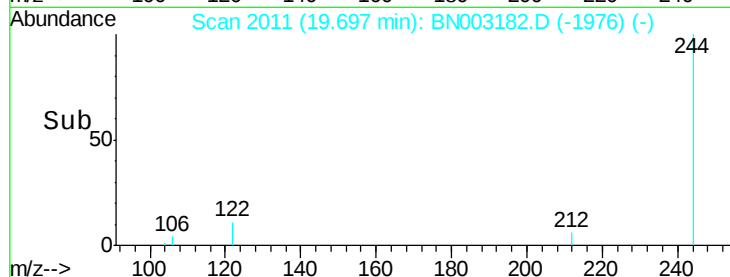
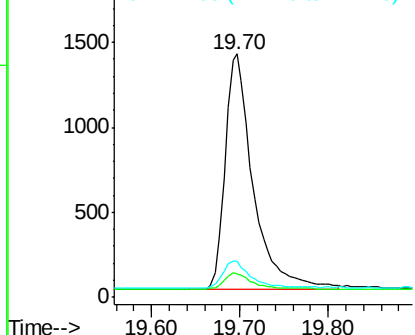
244 100

212 9.8 6.2 9.4#

122 14.9 9.1 13.7#



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: 0.214 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

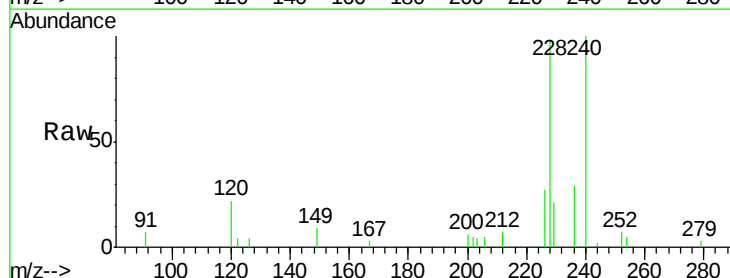
Tgt Ion:228 Resp: 4410

Ion Ratio Lower Upper

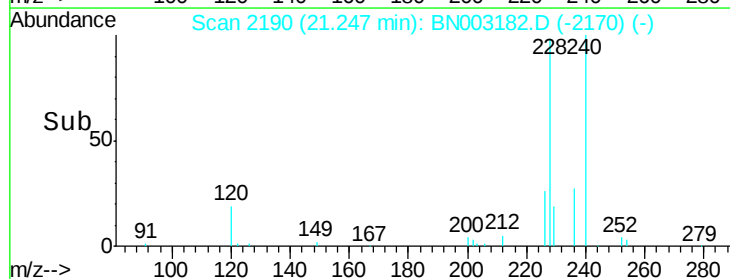
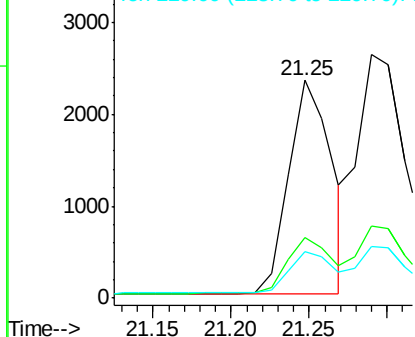
228 100

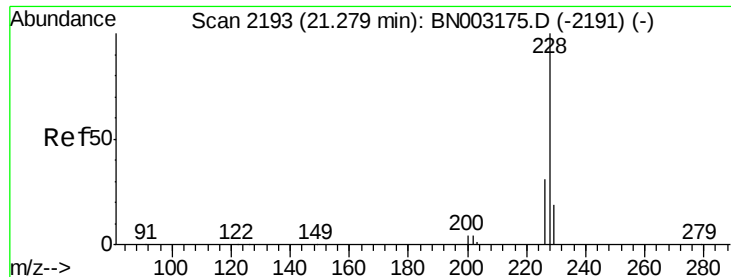
226 27.8 21.4 32.2

229 21.5 16.4 24.6



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: 0.257 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

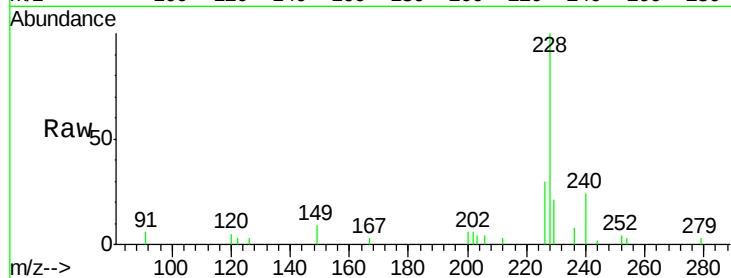
Tgt Ion:228 Resp: 6051

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

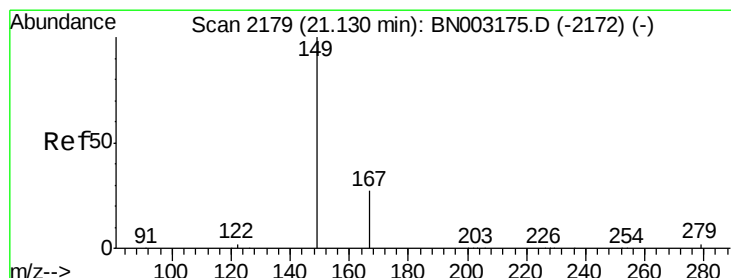
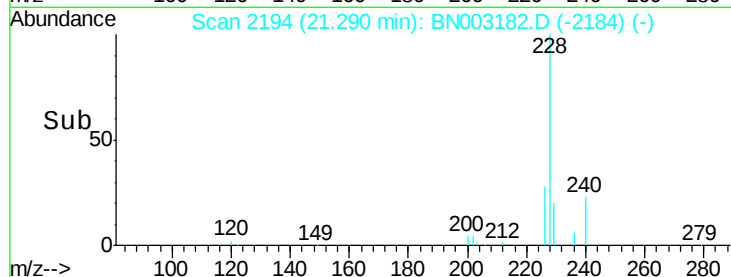
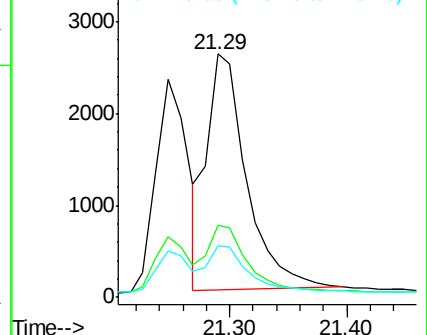
229 21.4 15.9 23.9



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: 0.218 ng

RT: 21.13 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

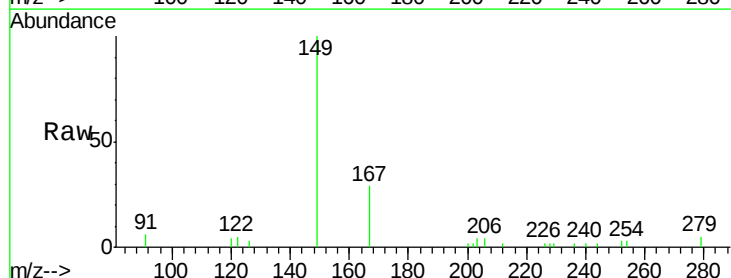
Tgt Ion:149 Resp: 2654

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

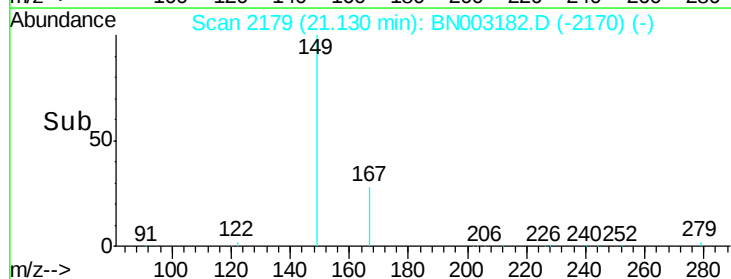
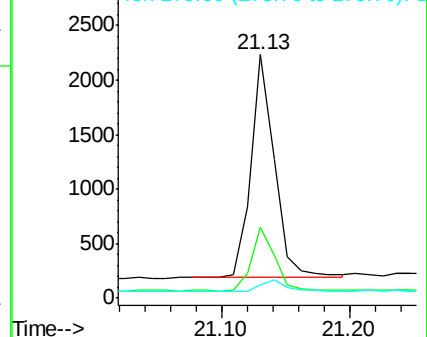
279 5.6 3.7 5.5#

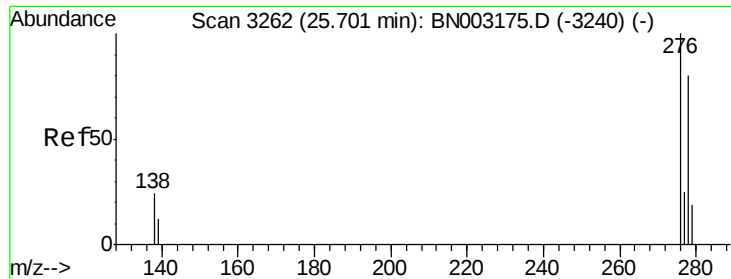


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.253 ng

RT: 25.74 min Scan# 3273

Delta R.T. 0.04 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

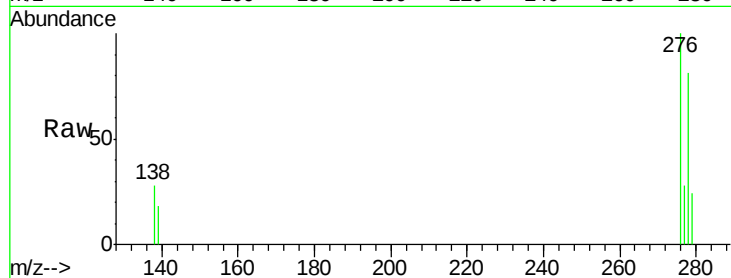
Tgt Ion:276 Resp: 7040

Ion Ratio Lower Upper

276 100

138 24.2 18.2 27.4

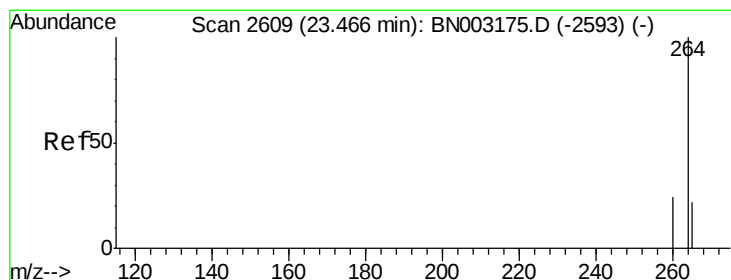
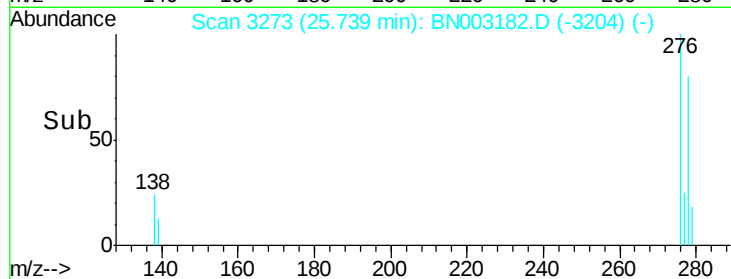
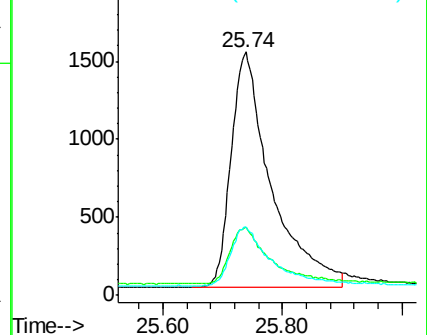
277 25.2 20.2 30.4



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: 23.48 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

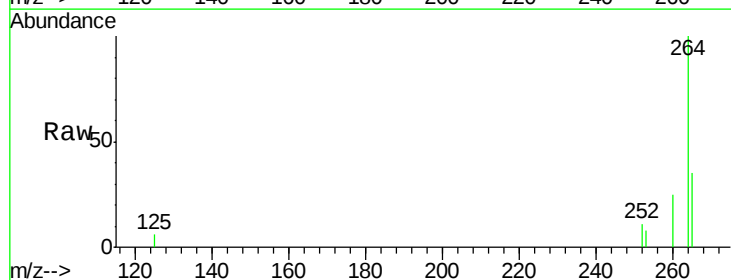
Tgt Ion:264 Resp: 8525

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

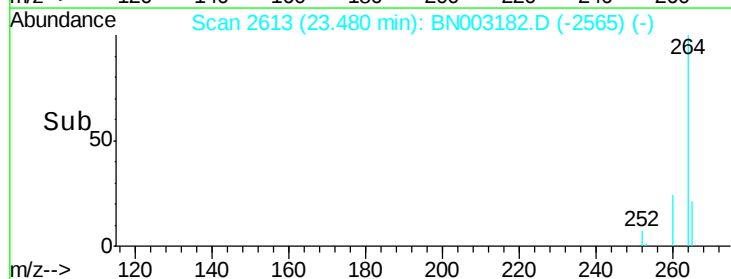
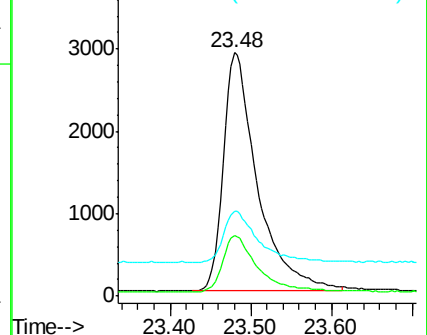
265 34.7 27.6 41.4

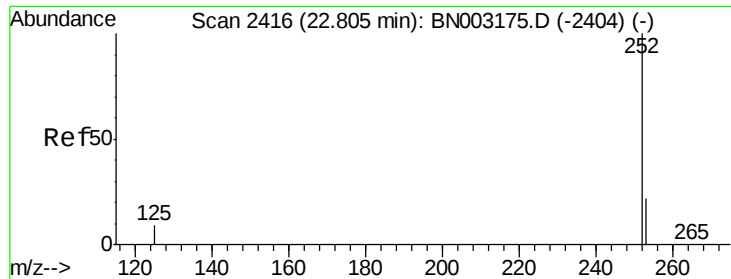


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

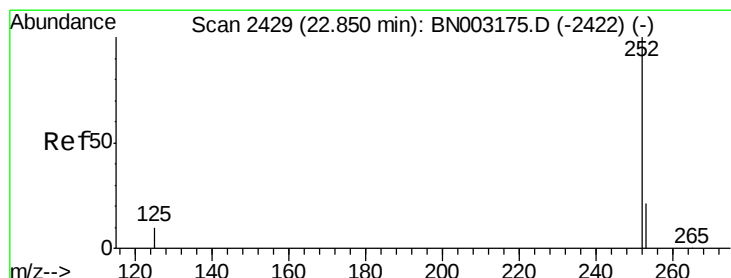
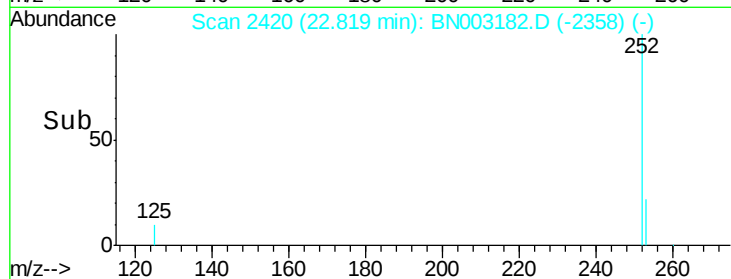
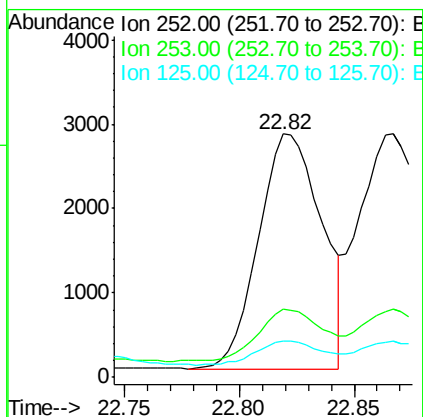
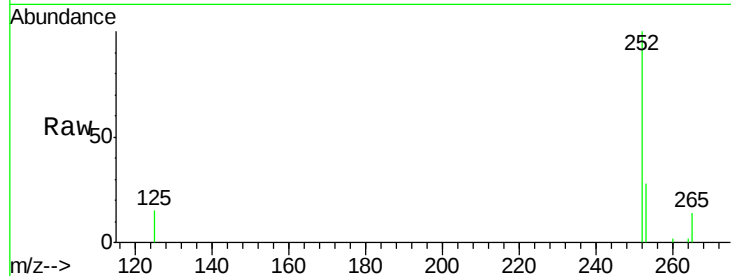




#35
Benzo(b)fluoranthene
Concen: 0.232 ng
RT: 22.82 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

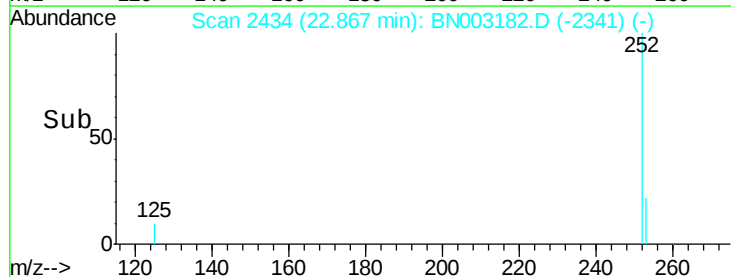
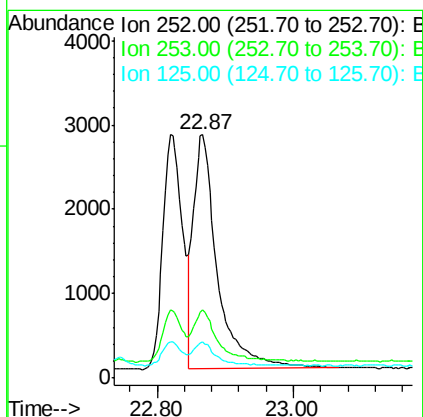
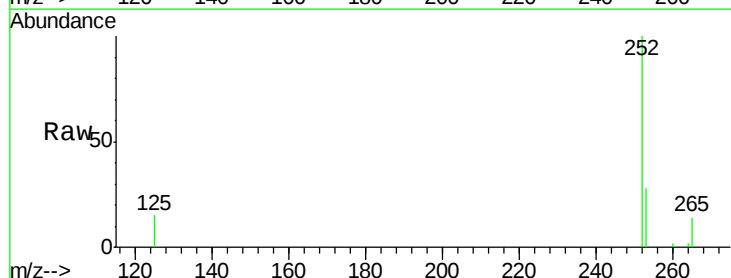
Instrument :
BNA_N
ClientSampleId :
PB113776BS

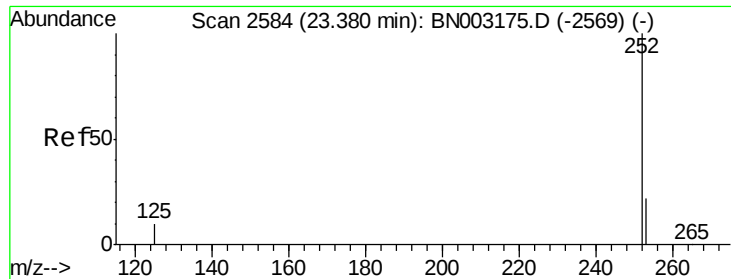
Tgt Ion:252 Resp: 5343
Ion Ratio Lower Upper
252 100
253 28.2 20.8 31.2
125 14.7 9.6 14.4#



#36
Benzo(k)fluoranthene
Concen: 0.250 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:252 Resp: 6801
Ion Ratio Lower Upper
252 100
253 28.1 20.5 30.7
125 14.7 9.4 14.0#





#37

Benzo(a)pyrene

Concen: 0.249 ng

RT: 23.40 min Scan# 2589

Delta R.T. 0.02 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS

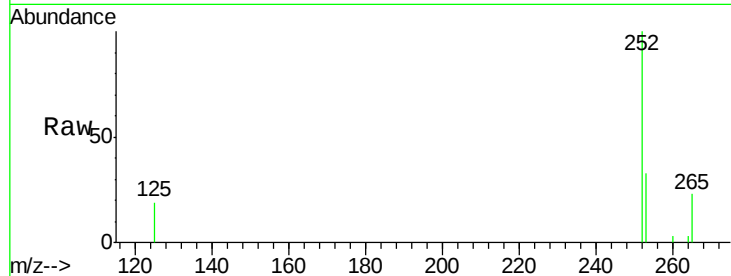
Tgt Ion:252 Resp: 5917

Ion Ratio Lower Upper

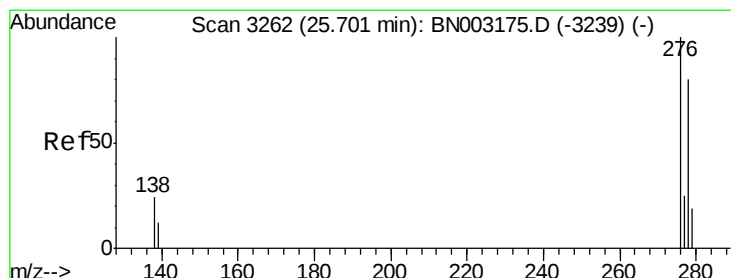
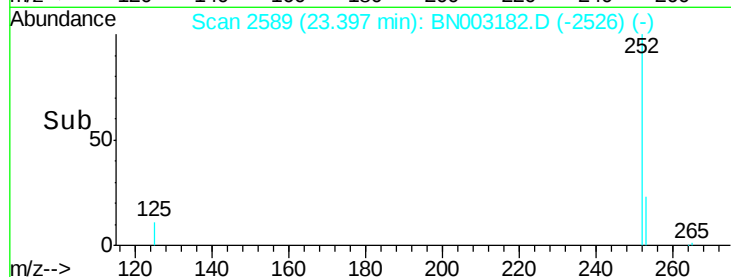
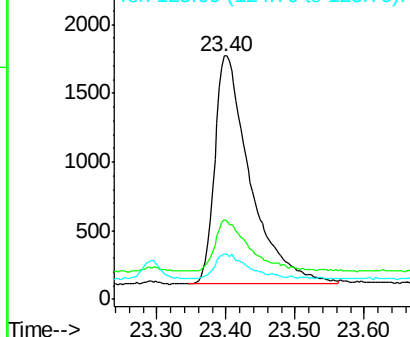
252 100

253 32.5 22.4 33.6

125 18.6 11.4 17.0#



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: 0.241 ng

RT: 25.74 min Scan# 3273

Delta R.T. 0.04 min

Lab File: BN003182.D

Acq: 17 Oct 2018 16:32

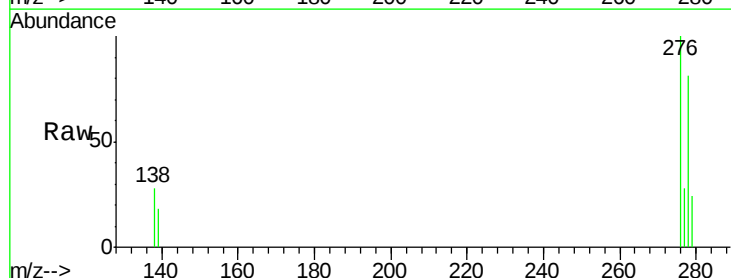
Tgt Ion:278 Resp: 5855

Ion Ratio Lower Upper

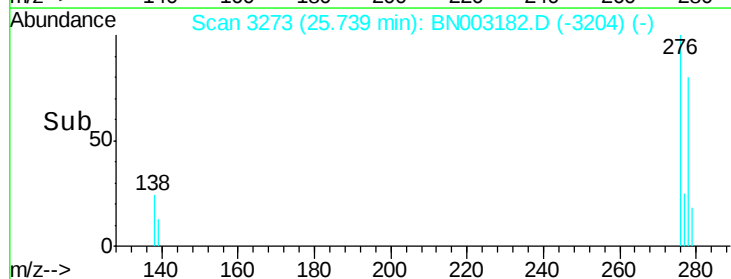
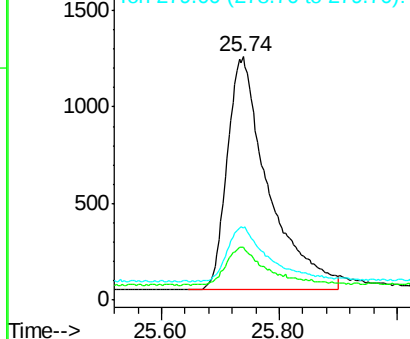
278 100

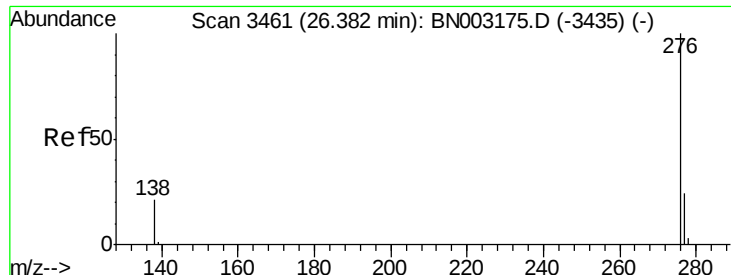
139 21.9 14.6 21.8#

279 29.6 23.1 34.7



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: 0.251 ng

RT: 26.41 min Scan# 3468

Delta R.T. 0.02 min

Lab File: BN003182.D

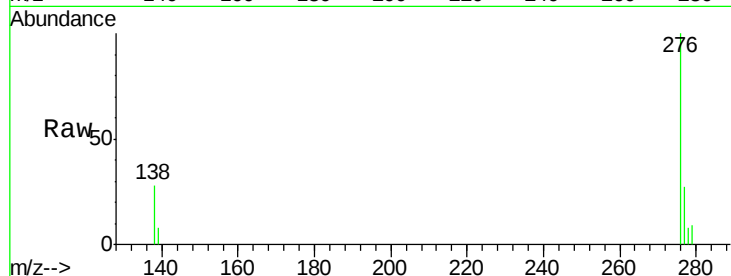
Acq: 17 Oct 2018 16:32

Instrument :

BNA_N

ClientSampleId :

PB113776BS



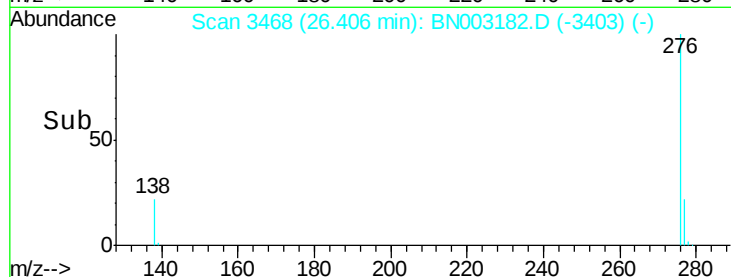
Tgt Ion: 276 Resp: 6156

Ion Ratio Lower Upper

276 100

277 26.9 21.0 31.4

138 27.5 18.1 27.1



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

