

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
 Data File : BN003308.D
 Acq On : 26 Oct 2018 17:07
 Operator : MJ/SJ
 Sample : PB113752BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB113752BL

Quant Time: Oct 27 00:42:03 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	17414	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	67935	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	35614	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	90022	0.40	ng	0.00
27) Chrysene-d12	21.42	240	87355	0.40	ng	0.00
34) Perylene-d12	23.74	264	74244	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.43	112	20158	0.47	ng	0.00
5) Phenol-d6	7.02	99	24296	0.45	ng	0.00
8) Nitrobenzene-d5	9.02	82	12529	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	42863	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	4640	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	65432	0.43	ng	-0.01
25) Fluoranthene-d10	19.27	212	106643	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	78880	0.39	ng	0.00

Target Compounds

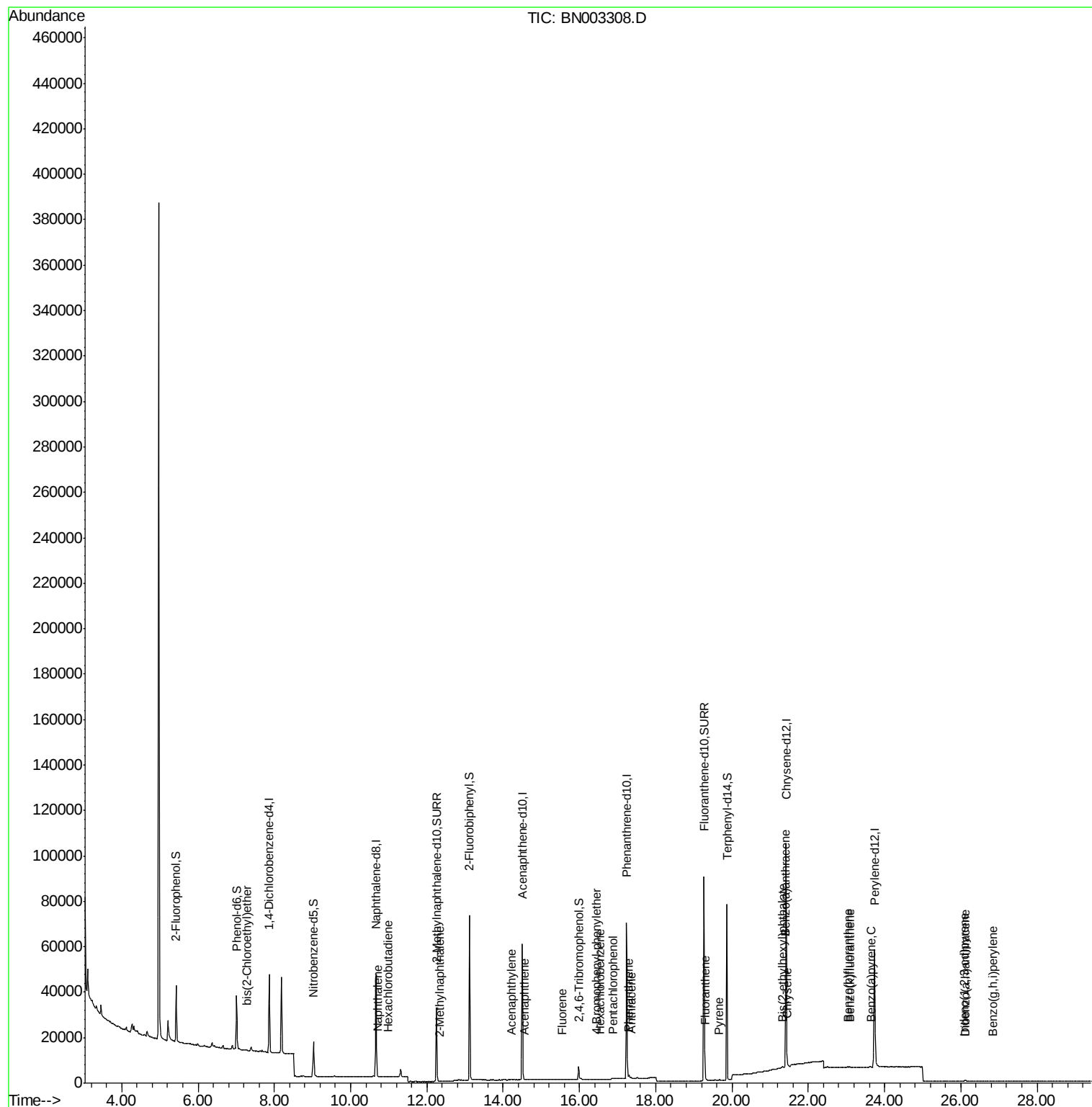
						Qvalue
6) bis(2-Chloroethyl)ether	7.30	93	57	0.001	ng	# 24
9) Naphthalene	10.71	128	153	0.001	ng	# 3
10) Hexachlorobutadiene	10.99	225	13	0.000	ng	# 18
12) 2-Methylnaphthalene	12.32	142	42	0.000	ng	# 4
16) Acenaphthylene	14.22	152	23	0.000	ng	# 61
17) Acenaphthene	14.57	154	9	0.000	ng	# 1
18) Fluorene	15.55	166	37	0.000	ng	# 4
20) 4-Bromophenyl-phenylether	16.44	248	13	0.000	ng	# 24
21) Hexachlorobenzene	16.55	284	26	0.000	ng	# 41
22) Pentachlorophenol	16.89	266	98	0.007	ng	# 75
23) Phenanthrene	17.28	178	367	0.001	ng	# 82
24) Anthracene	17.37	178	50	0.000	ng	# 61
26) Fluoranthene	19.30	202	377	0.001	ng	# 70
28) Pyrene	19.66	202	340	0.001	ng	# 97
30) Benzo(a)anthracene	21.41	228	644	0.003	ng	# 70
31) Chrysene	21.46	228	755	0.003	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.32	149	1012	0.015	ng	# 85
33) Indeno(1,2,3-cd)pyrene	26.09	276	205	0.001	ng	# 62
35) Benzo(b)fluoranthene	23.03	252	407	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.09	252	295	0.001	ng	# 1
37) Benzo(a)pyrene	23.64	252	160	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.10	278	129	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.82	276	170	0.001	ng	# 1

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

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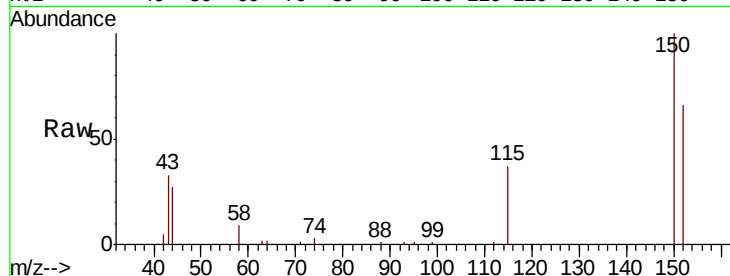


#1

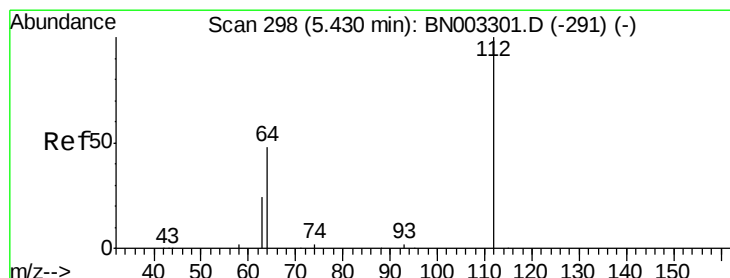
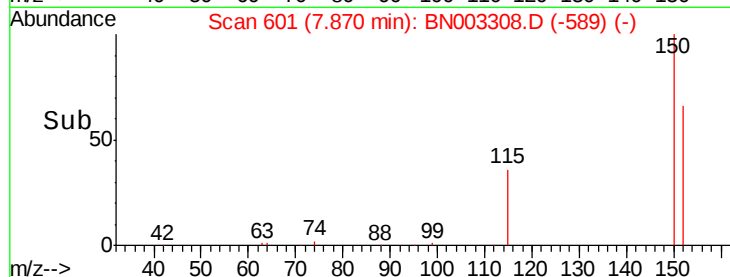
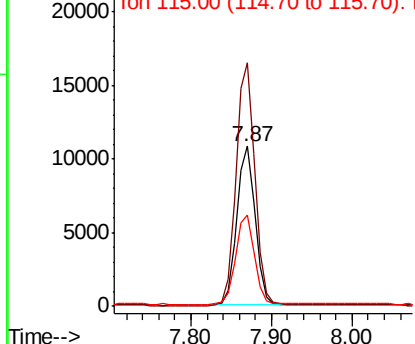
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:152 Resp: 17414
Ion Ratio Lower Upper
152 100
150 152.2 124.6 187.0
115 56.7 46.4 69.6



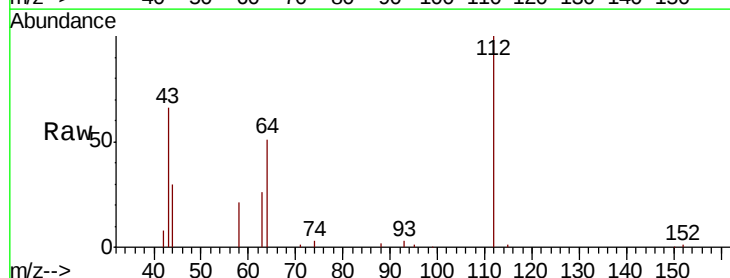
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



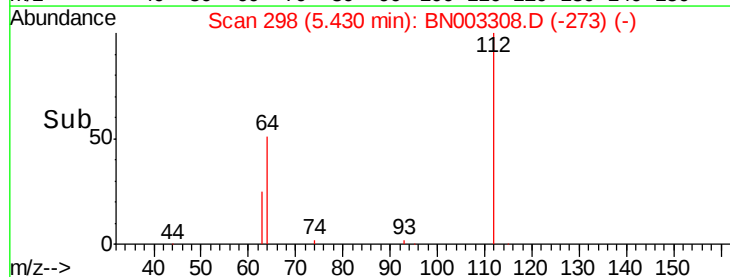
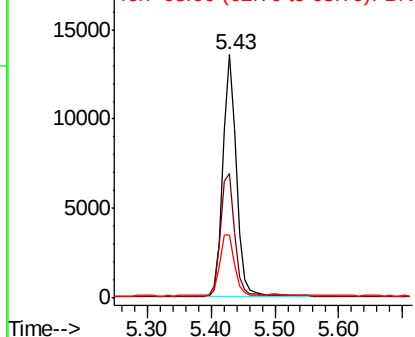
#4

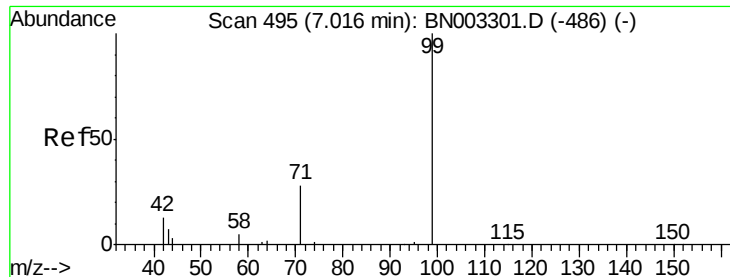
2-Fluorophenol
Concen: 0.467 ng
RT: 5.43 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:112 Resp: 20158
Ion Ratio Lower Upper
112 100
64 54.0 44.3 66.5
63 27.1 22.4 33.6



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: 0.446 ng

RT: 7.02 min Scan# 495

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

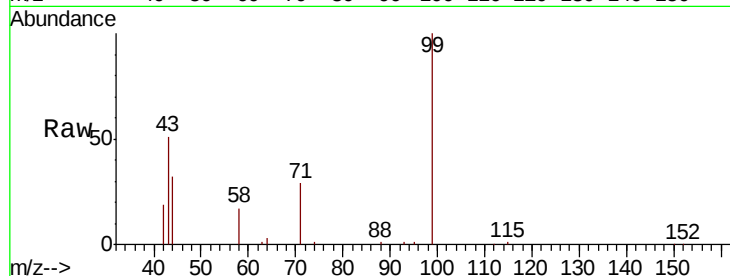
Tgt Ion: 99 Resp: 24296

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

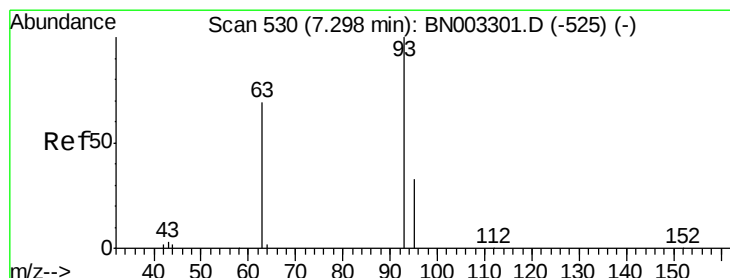
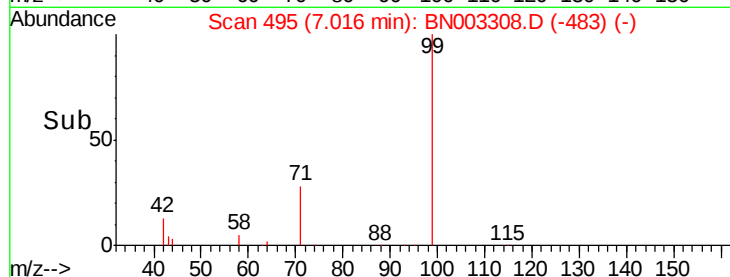
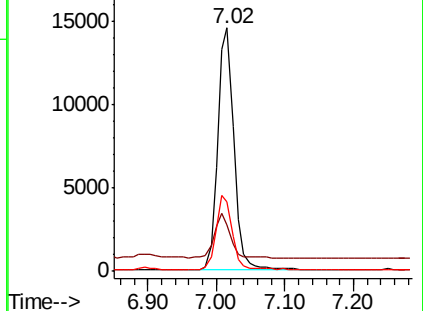
71 30.2 24.8 37.2



Abundance Ion 99.00 (98.70 to 99.70): BN003308.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BN003308.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BN003308.D (-505) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.30 min Scan# 530

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

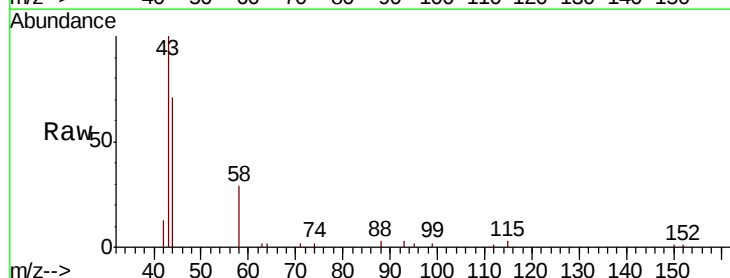
Tgt Ion: 93 Resp: 57

Ion Ratio Lower Upper

93 100

63 0.0 55.8 83.6#

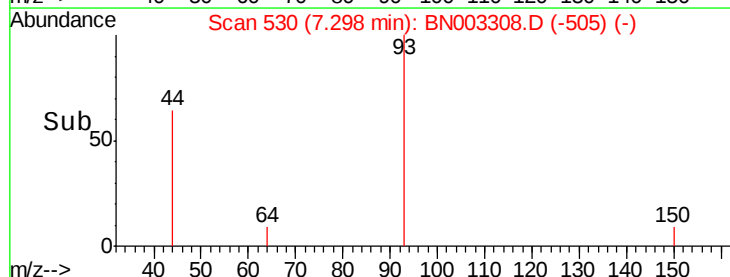
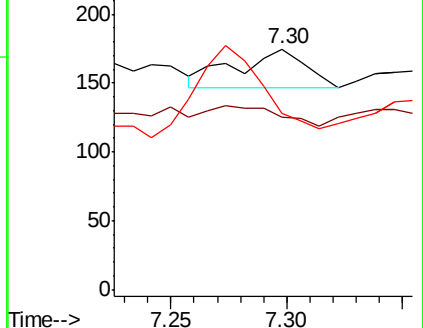
95 0.0 25.4 38.2#

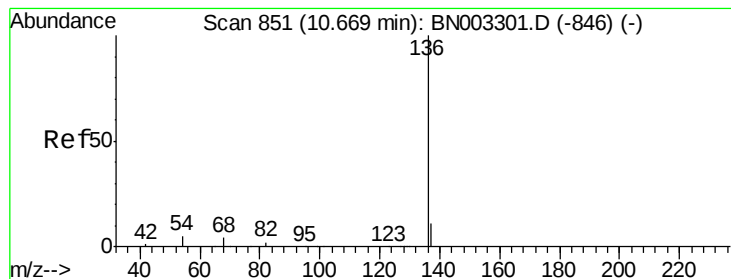


Abundance Ion 93.00 (92.70 to 93.70): BN003308.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN003308.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN003308.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

Tgt Ion:136 Resp: 67935

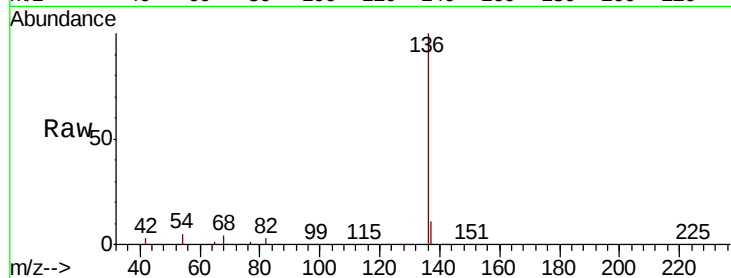
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 4.9 4.1 6.1

68 4.3 3.5 5.3

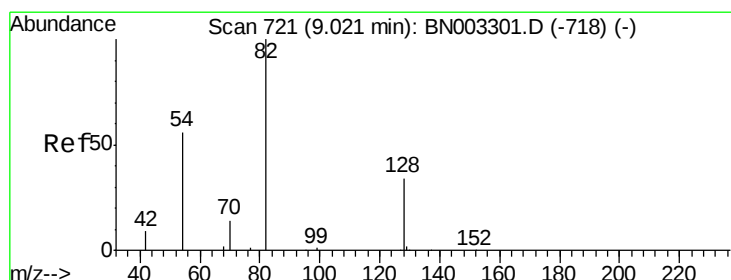
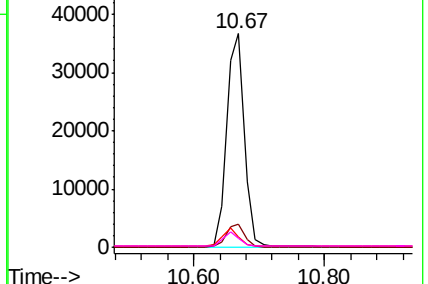
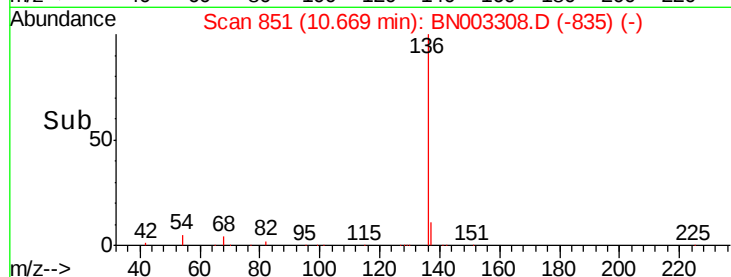


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

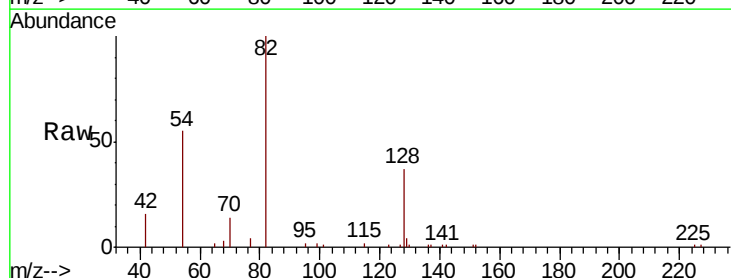
Tgt Ion: 82 Resp: 12529

Ion Ratio Lower Upper

82 100

128 36.8 28.9 43.3

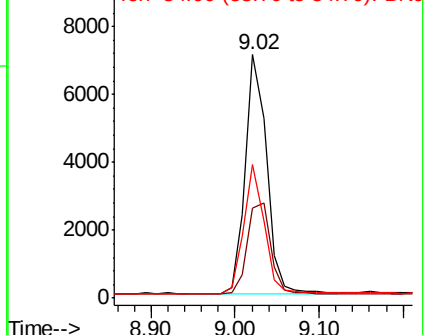
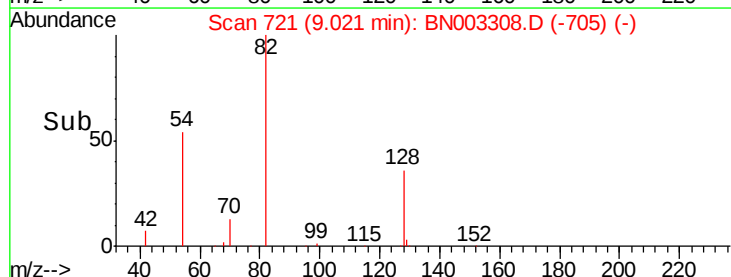
54 54.9 46.1 69.1

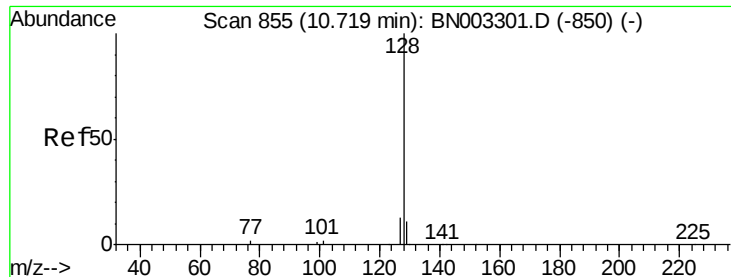


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

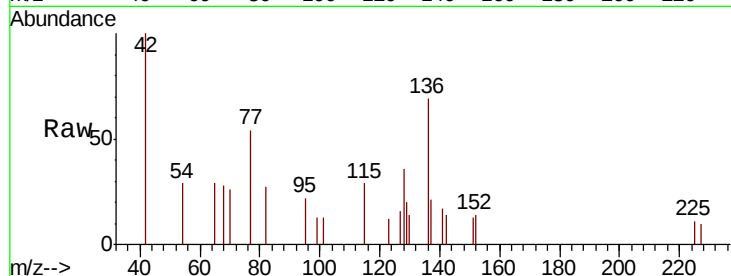
Tgt Ion:128 Resp: 153

Ion Ratio Lower Upper

128 100

129 55.9 9.1 13.7#

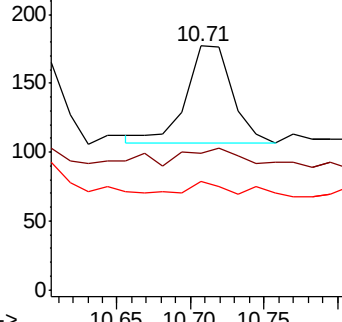
127 44.6 10.2 15.4#



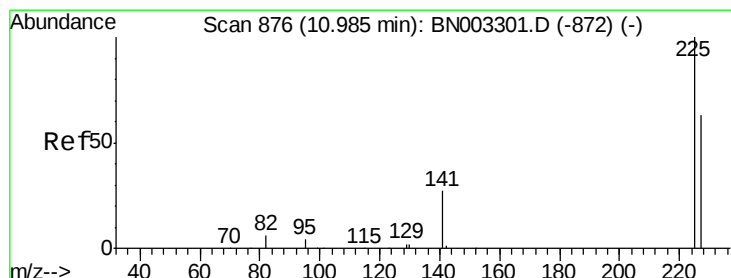
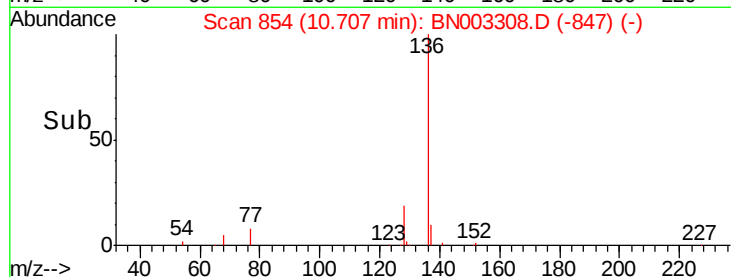
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.000 ng

RT: 10.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

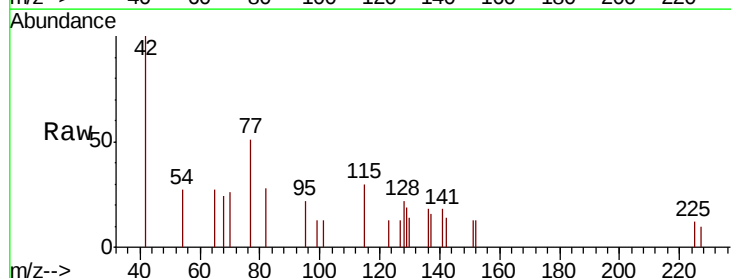
Tgt Ion:225 Resp: 13

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

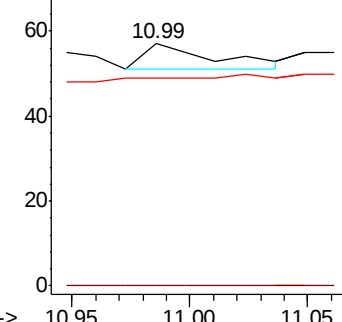
227 0.0 51.3 76.9#



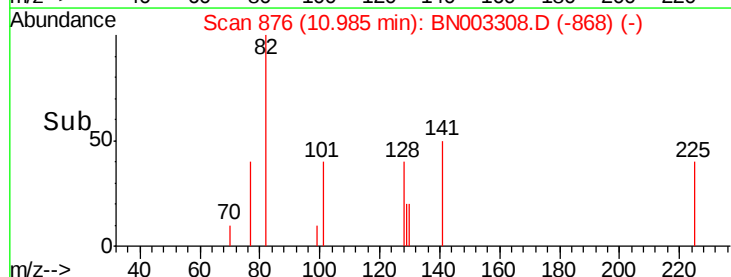
Abundance Ion 225.00 (224.70 to 225.70): E

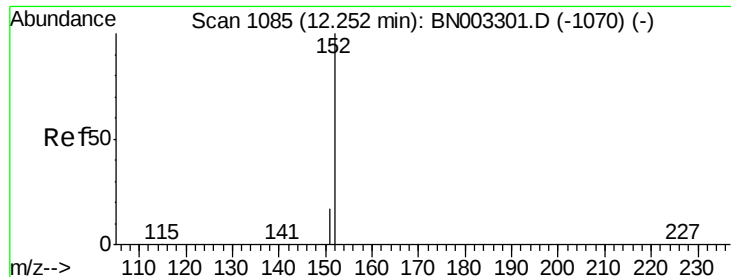
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

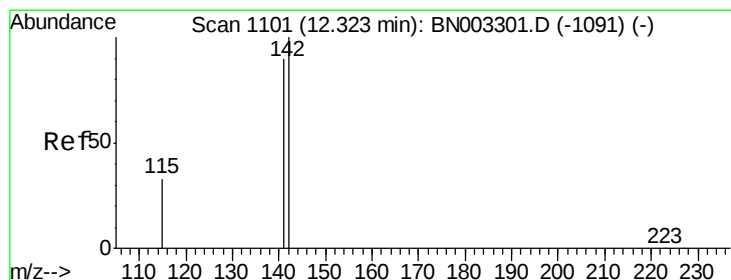
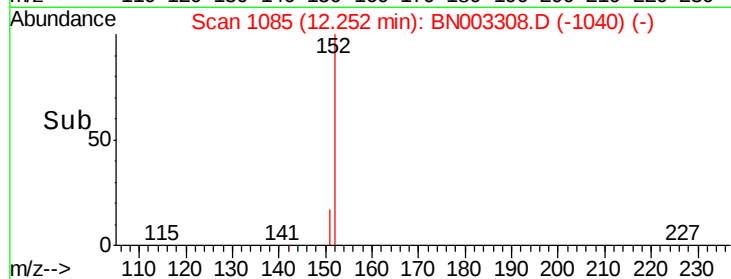
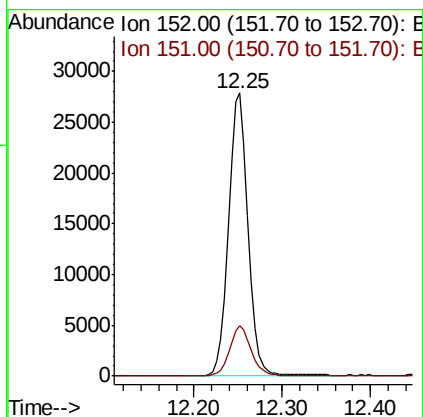
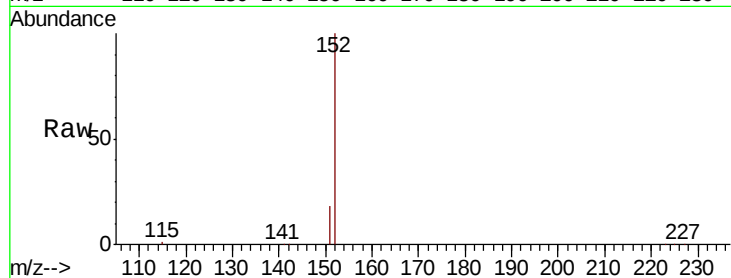




#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.25 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BN003308.D
 Acq: 26 Oct 2018 17:07

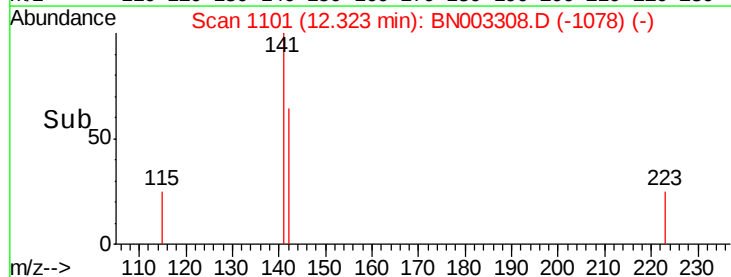
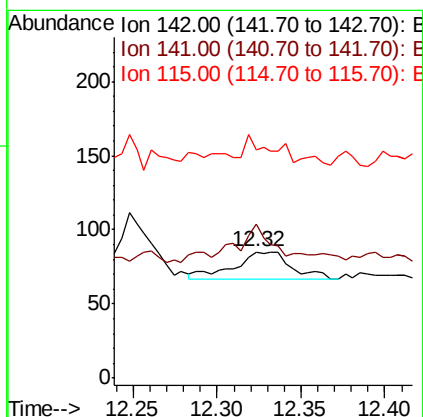
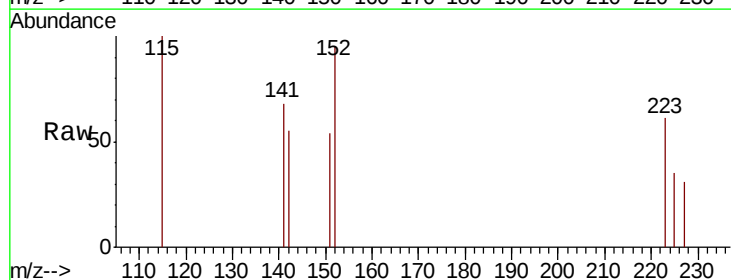
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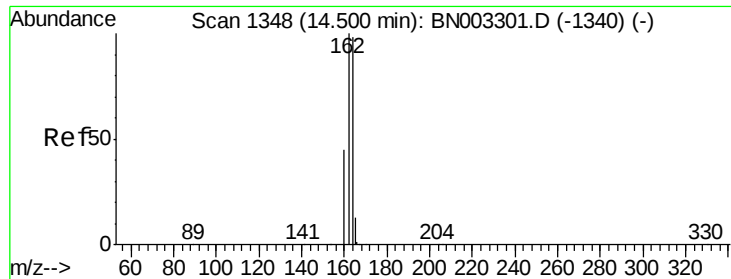
Tgt Ion:152 Resp: 42863
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.000 ng
 RT: 12.32 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BN003308.D
 Acq: 26 Oct 2018 17:07

Tgt Ion:142 Resp: 42
 Ion Ratio Lower Upper
 142 100
 141 122.4 71.9 107.9#
 115 181.2 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: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

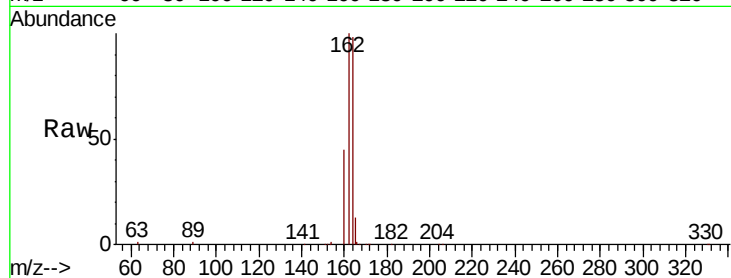
Tgt Ion:164 Resp: 35614

Ion Ratio Lower Upper

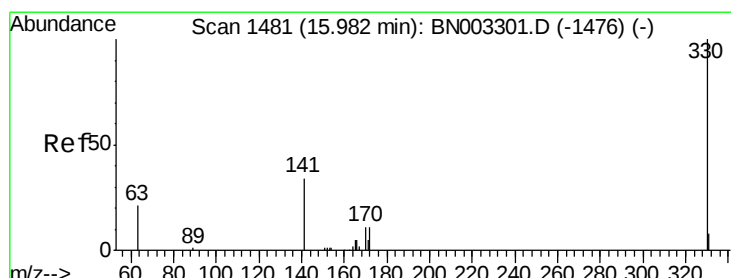
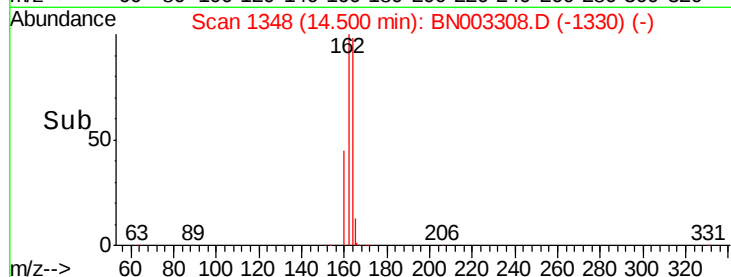
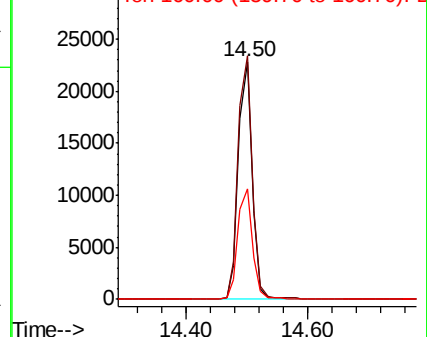
164 100

162 102.5 81.8 122.6

160 46.2 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: 0.327 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

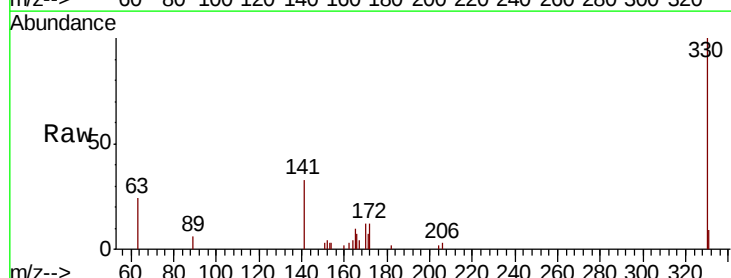
Tgt Ion:330 Resp: 4640

Ion Ratio Lower Upper

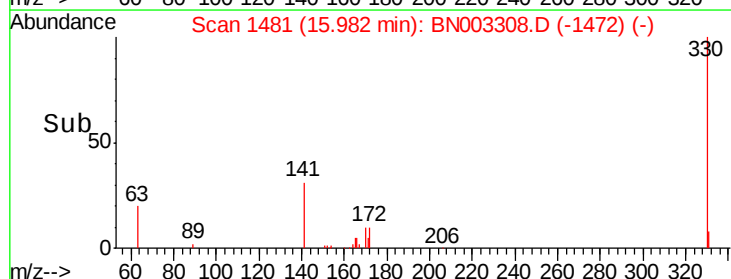
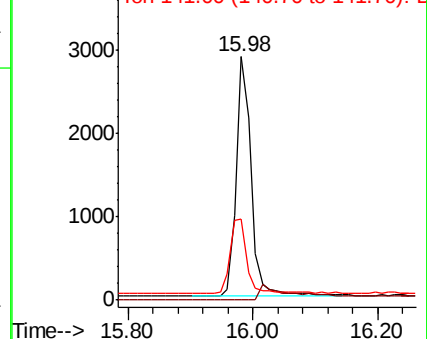
330 100

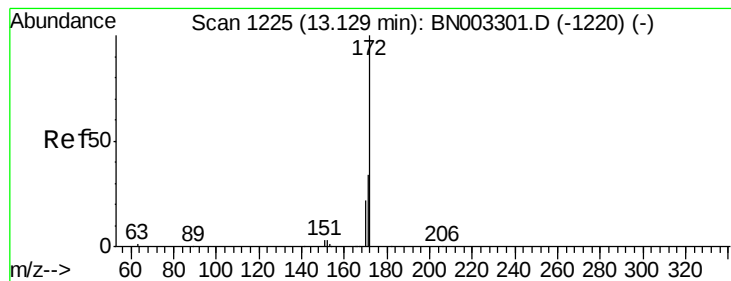
332 0.0 0.0 0.0

141 34.5 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: 0.427 ng

RT: 13.12 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

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PB113752BL

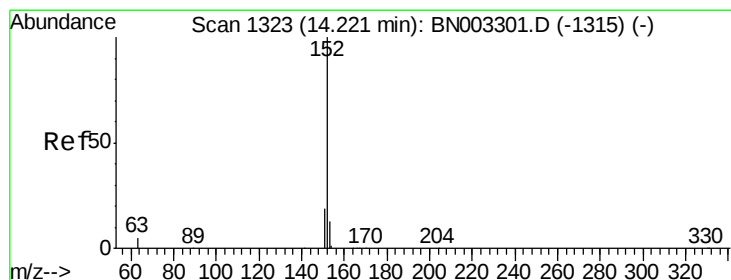
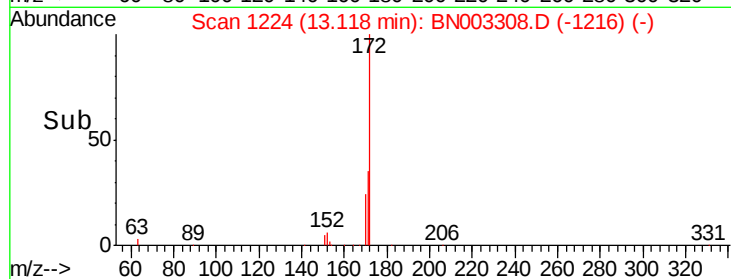
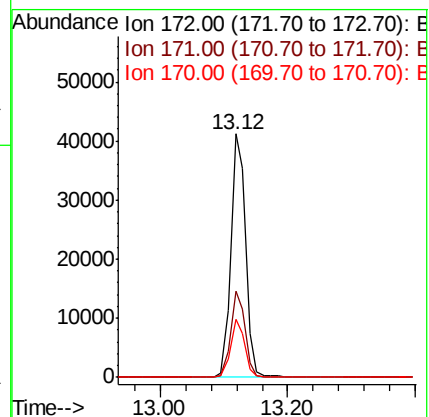
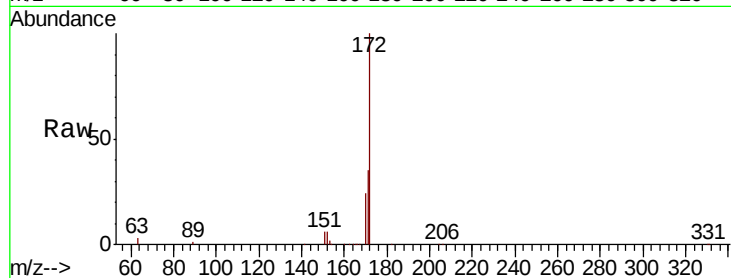
Tgt Ion:172 Resp: 65432

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: 14.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

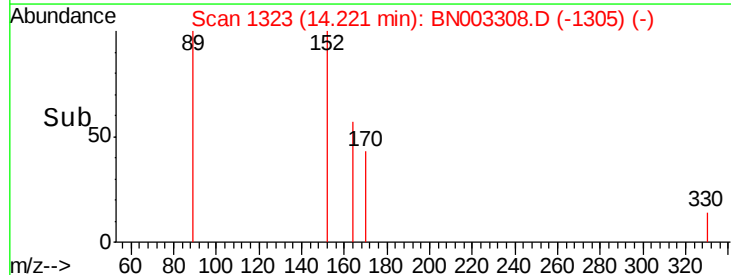
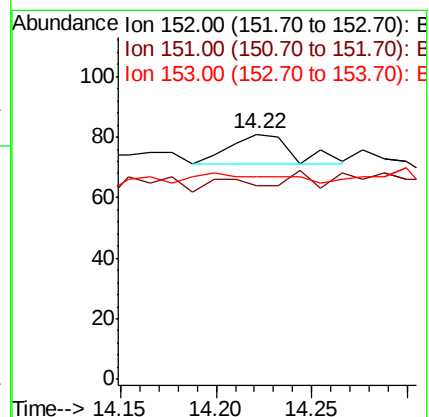
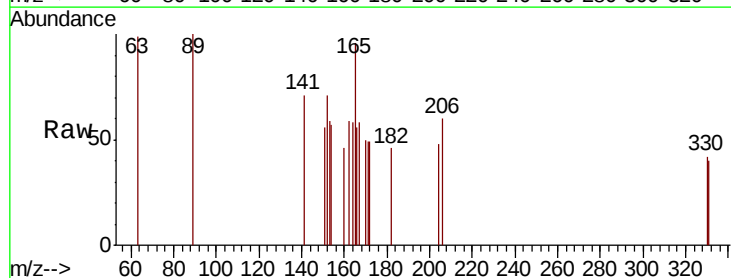
Tgt Ion:152 Resp: 23

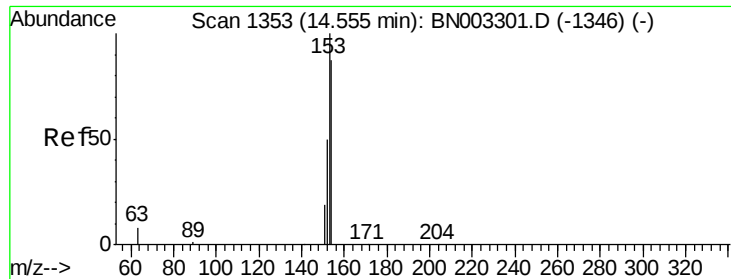
Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

153 0.0 10.6 15.8#





#17

Acenaphthene

Concen: 0.000 ng

RT: 14.57 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

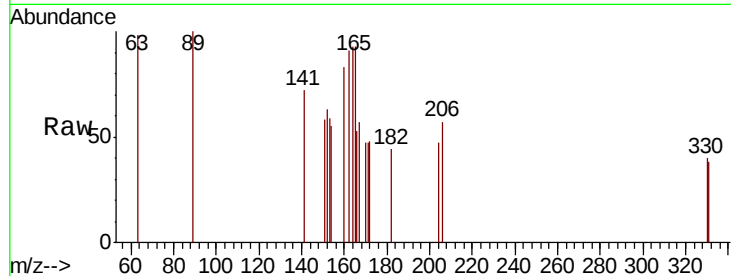
Tgt Ion:154 Resp: 9

Ion Ratio Lower Upper

154 100

153 255.6 88.9 133.3#

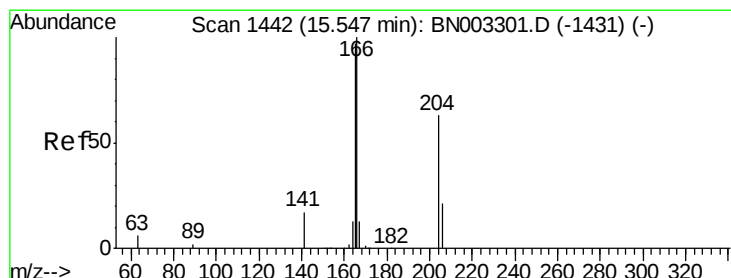
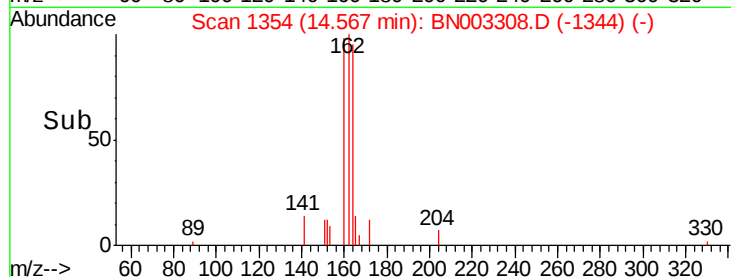
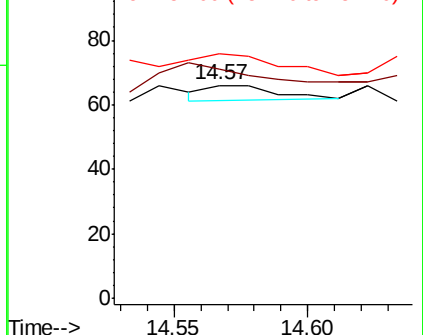
152 200.0 43.5 65.3#



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: BN003308.D

Acq: 26 Oct 2018 17:07

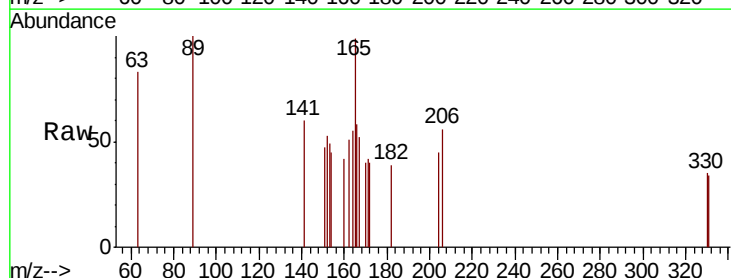
Tgt Ion:166 Resp: 37

Ion Ratio Lower Upper

166 100

165 0.0 77.8 116.8#

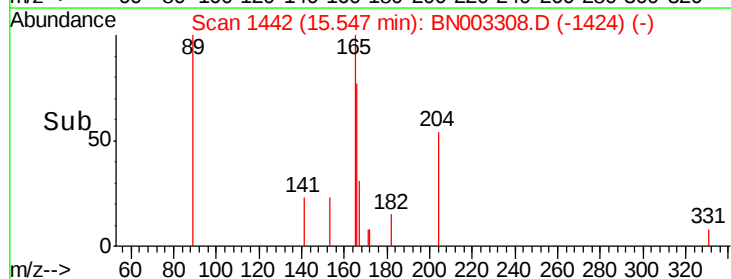
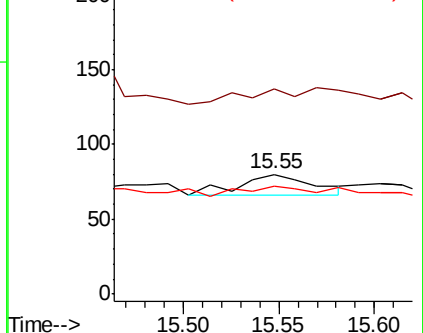
167 43.2 10.9 16.3#

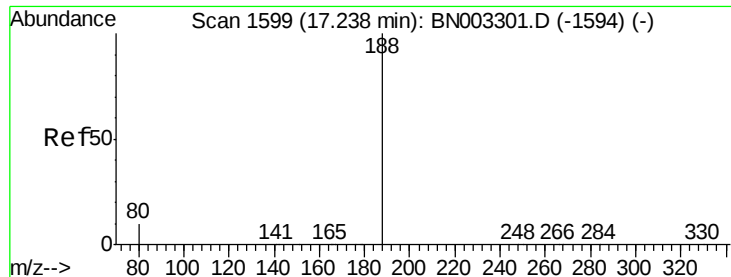


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

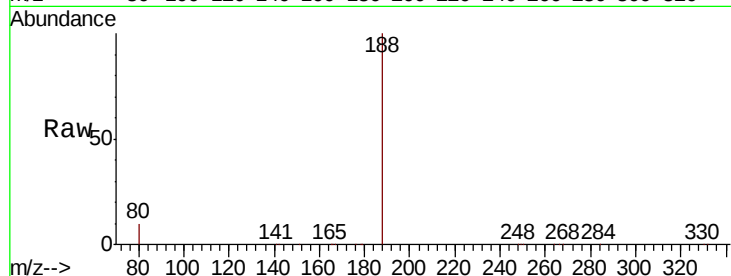
Tgt Ion:188 Resp: 90022

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 8.6 12.8



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

17.24

60000

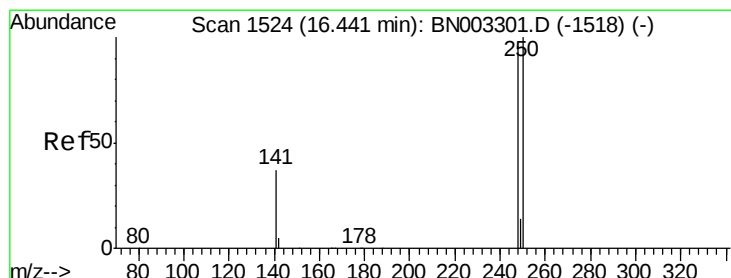
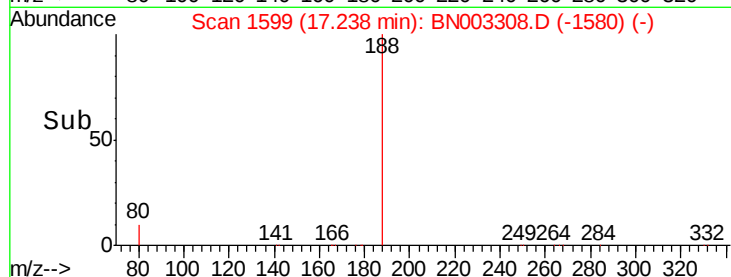
40000

20000

0

17.20 17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.44 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

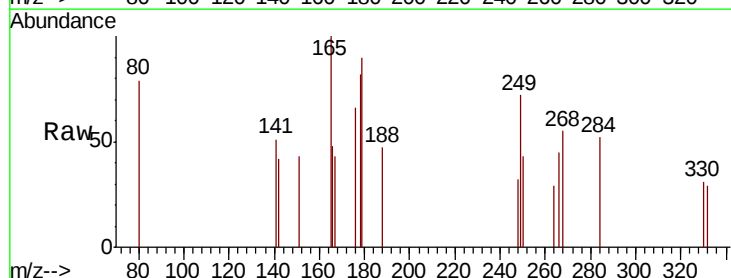
Tgt Ion:248 Resp: 13

Ion Ratio Lower Upper

248 100

250 135.8 83.7 125.5#

141 160.4 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

120

100

80

60

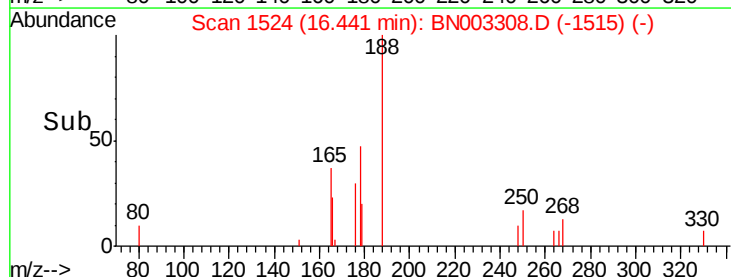
40

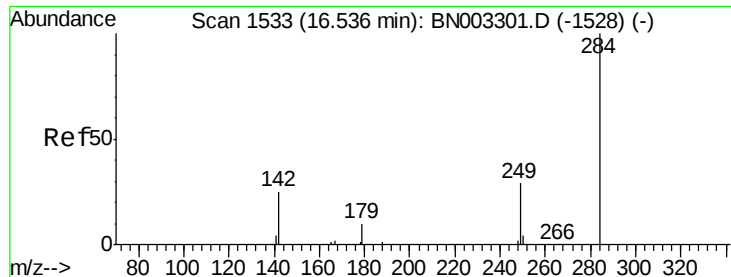
20

0

16.35 16.40 16.45 16.50

Time-->





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.55 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

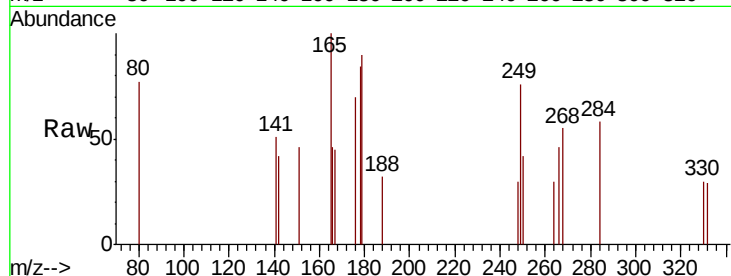
Tgt Ion:284 Resp: 26

Ion Ratio Lower Upper

284 100

142 0.0 29.7 44.5#

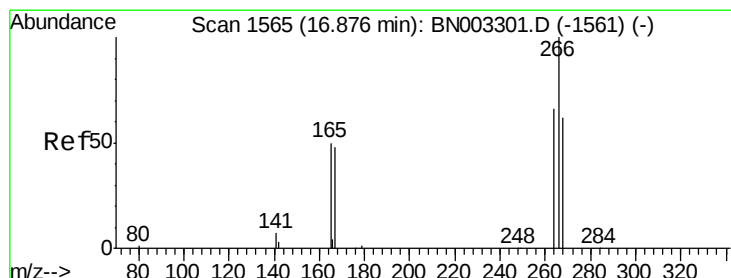
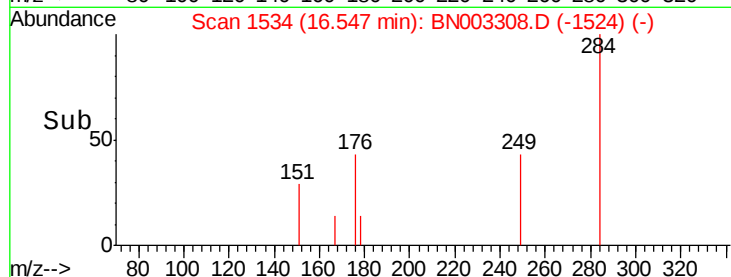
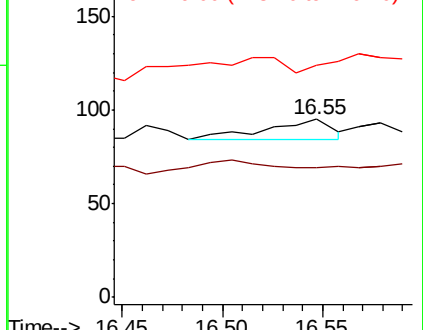
249 0.0 24.0 36.0#



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: 0.007 ng

RT: 16.89 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

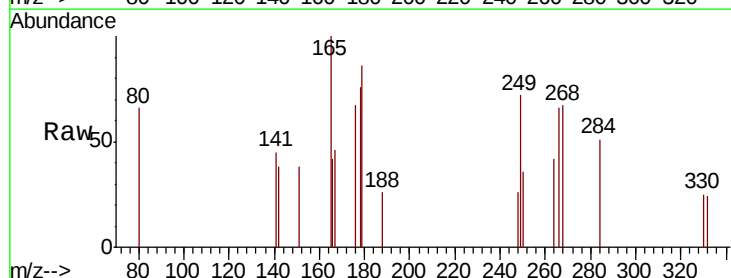
Tgt Ion:266 Resp: 98

Ion Ratio Lower Upper

266 100

264 63.0 52.1 78.1

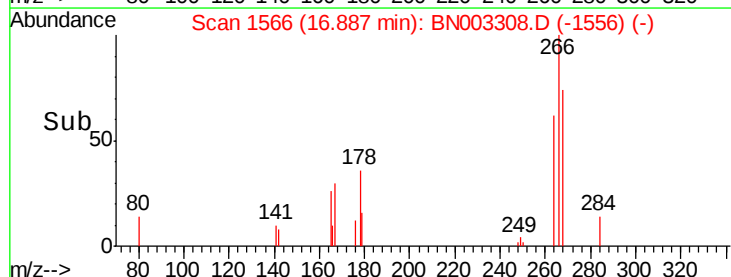
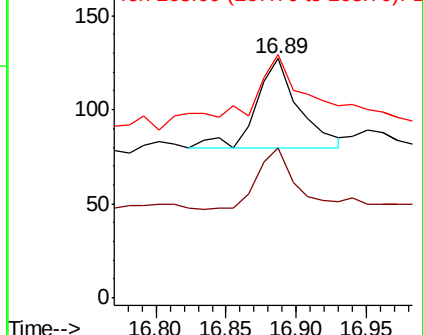
268 101.6 51.8 77.6#

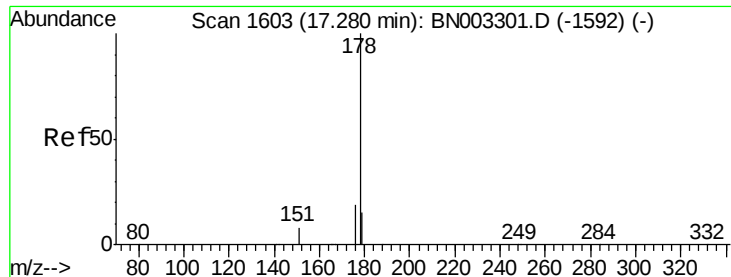


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

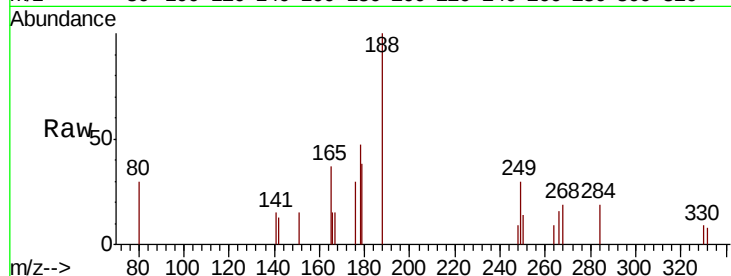
Tgt Ion:178 Resp: 367

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

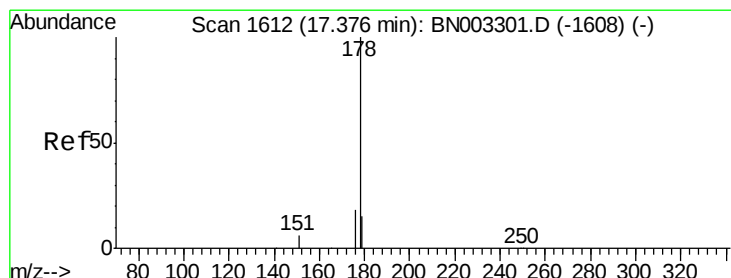
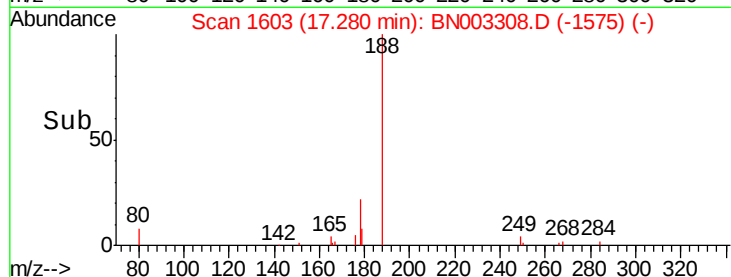
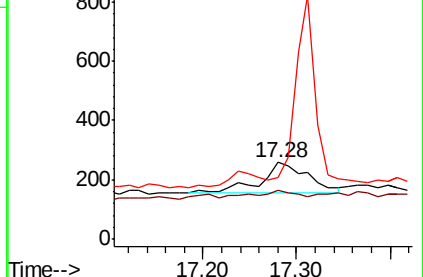
179 0.0 12.4 18.6#



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: BN003308.D

Acq: 26 Oct 2018 17:07

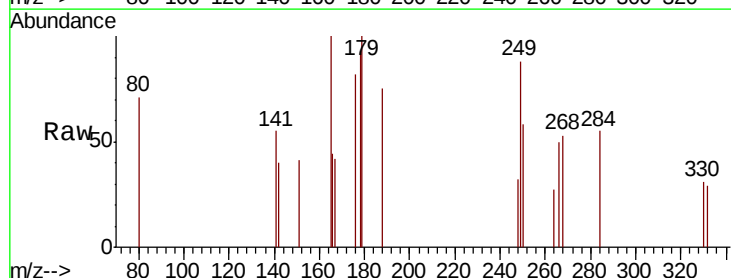
Tgt Ion:178 Resp: 50

Ion Ratio Lower Upper

178 100

176 36.0 14.5 21.7#

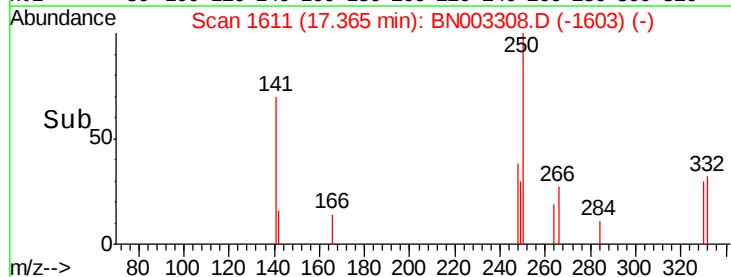
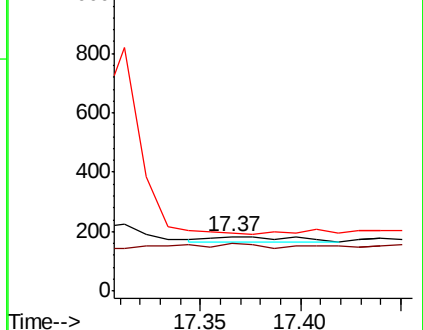
179 0.0 12.2 18.4#

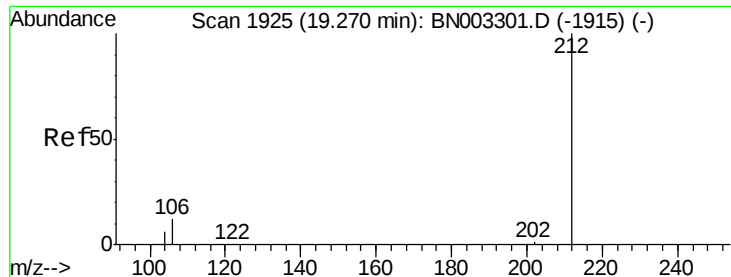


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.27 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

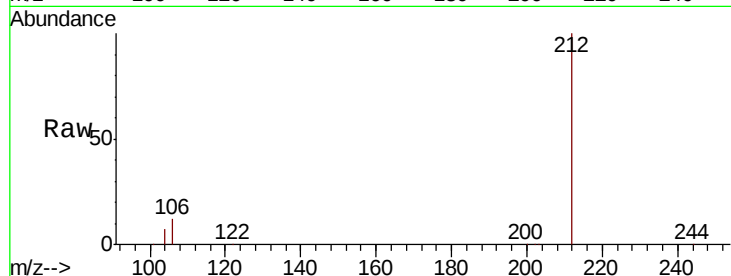
Tgt Ion:212 Resp: 106643

Ion Ratio Lower Upper

212 100

106 13.0 10.3 15.5

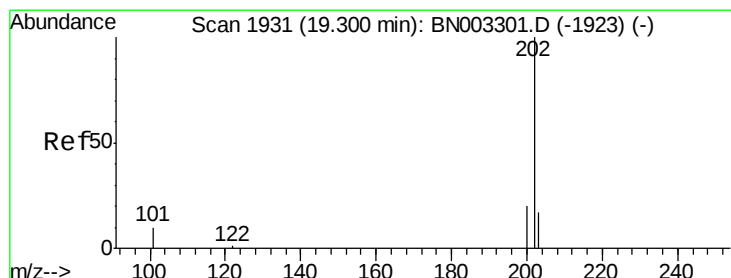
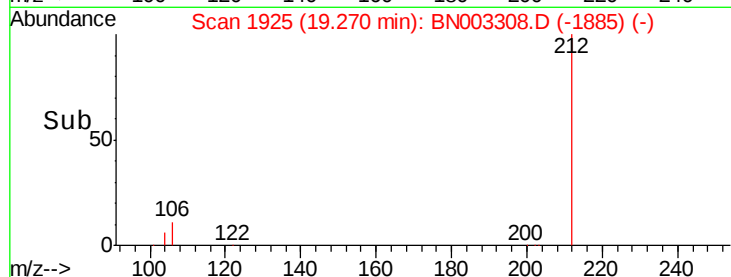
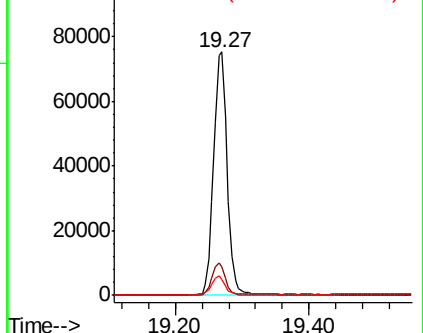
104 7.2 5.6 8.4



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: 0.001 ng

RT: 19.30 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

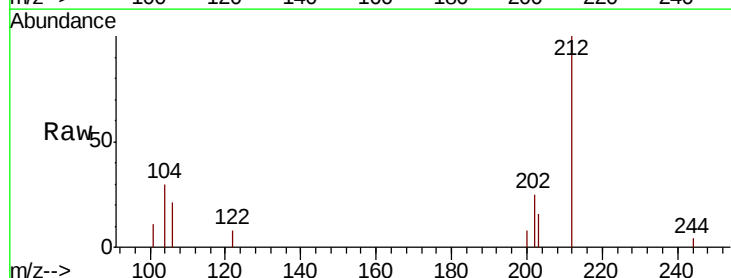
Tgt Ion:202 Resp: 377

Ion Ratio Lower Upper

202 100

101 5.3 9.0 13.4#

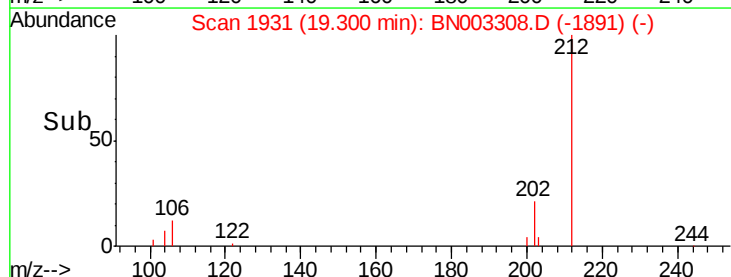
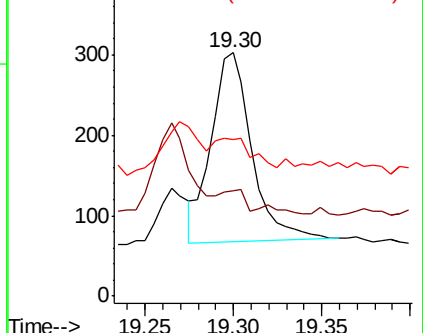
203 0.0 13.8 20.6#

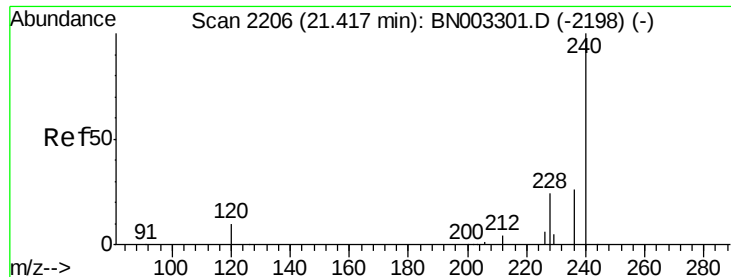


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.42 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

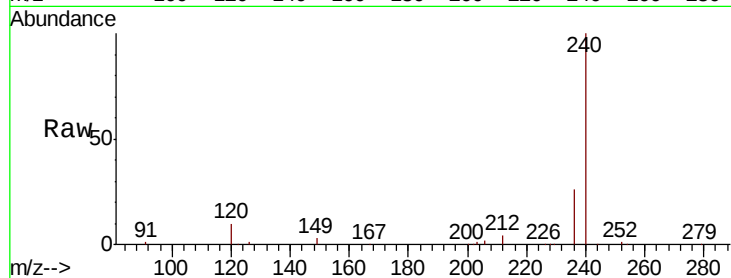
Tgt Ion:240 Resp: 87355

Ion Ratio Lower Upper

240 100

120 9.8 9.3 13.9

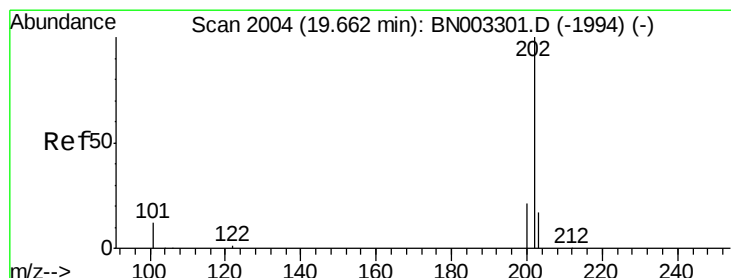
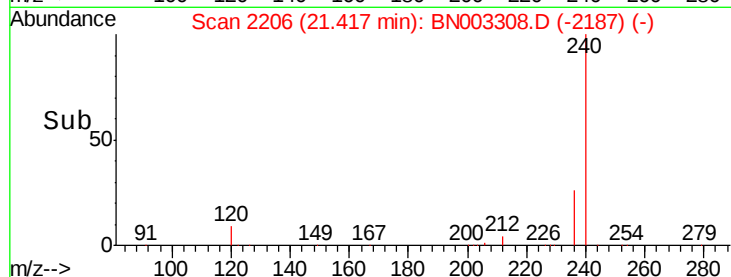
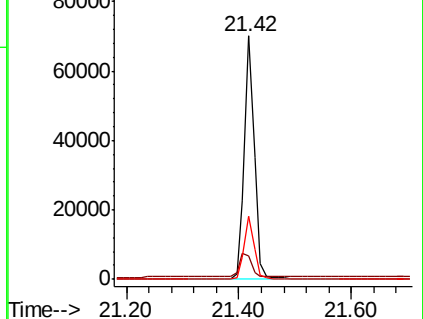
236 25.8 21.0 31.4



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: BN003308.D

Acq: 26 Oct 2018 17:07

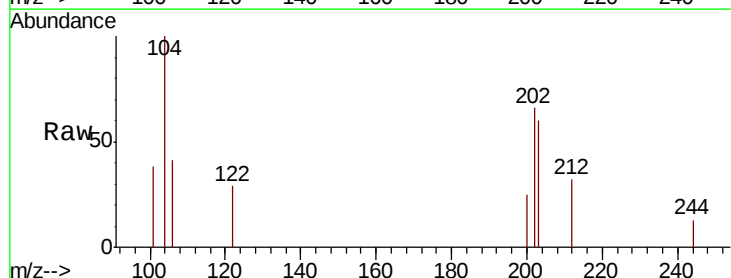
Tgt Ion:202 Resp: 340

Ion Ratio Lower Upper

202 100

200 22.6 16.5 24.7

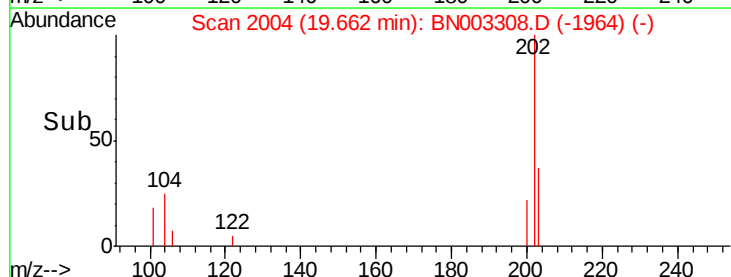
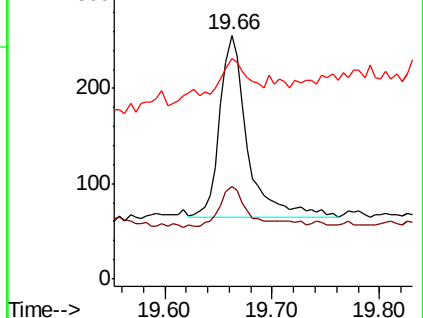
203 17.6 13.9 20.9

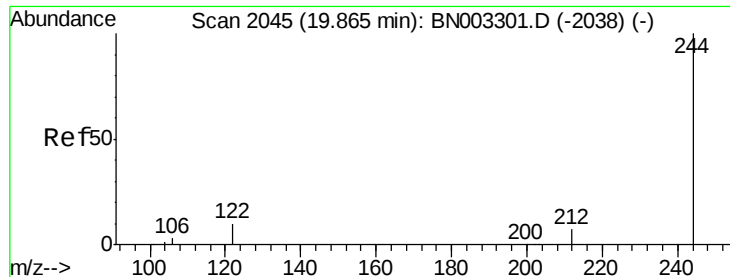


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 19.87 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

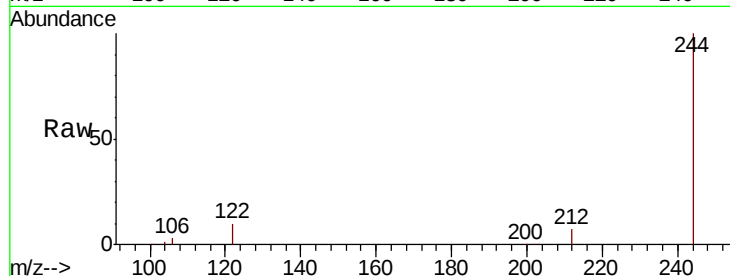
Tgt Ion:244 Resp: 78880

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

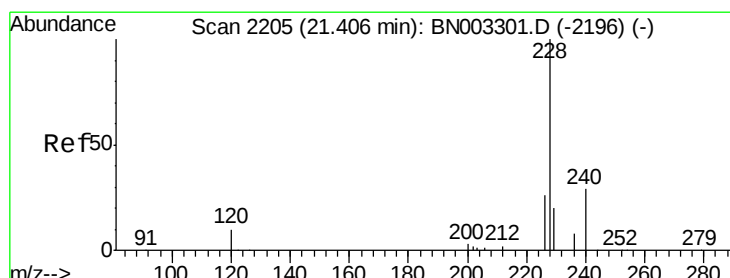
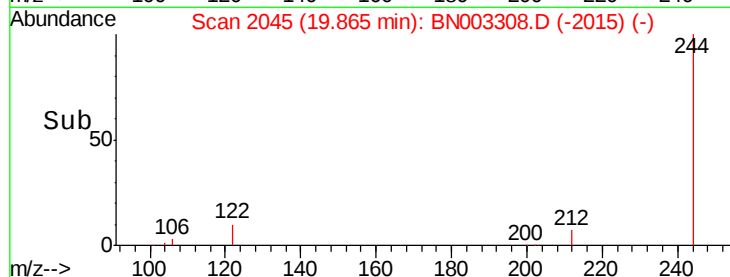
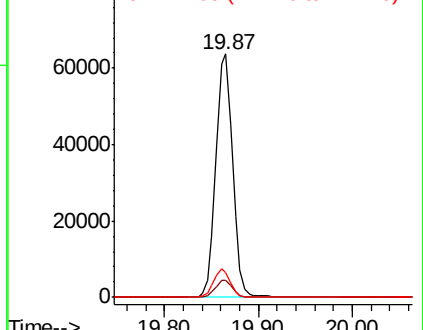
122 10.1 8.5 12.7



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: BN003308.D

Acq: 26 Oct 2018 17:07

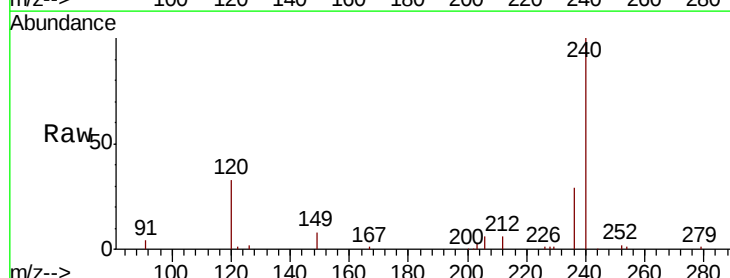
Tgt Ion:228 Resp: 644

Ion Ratio Lower Upper

228 100

226 37.8 20.8 31.2#

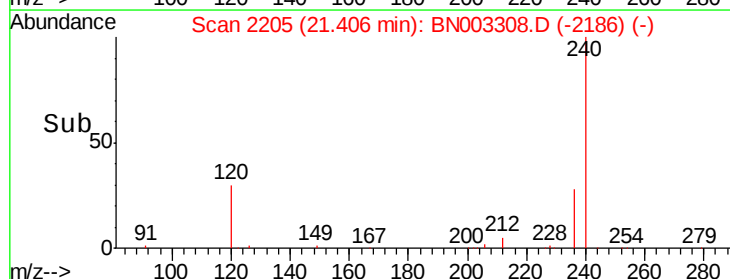
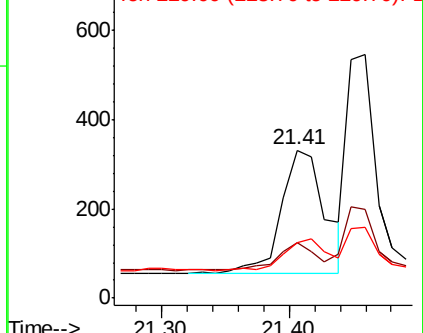
229 37.8 16.1 24.1#

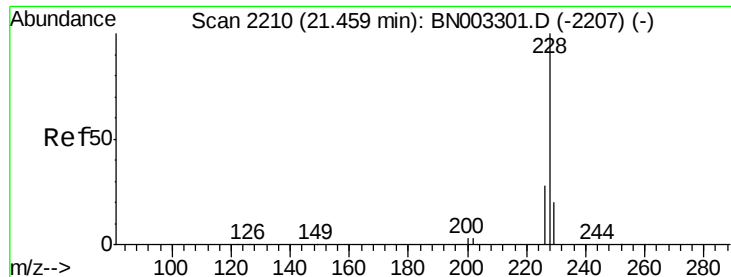


Abundance Ion 228.00 (227.70 to 228.70): E

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: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

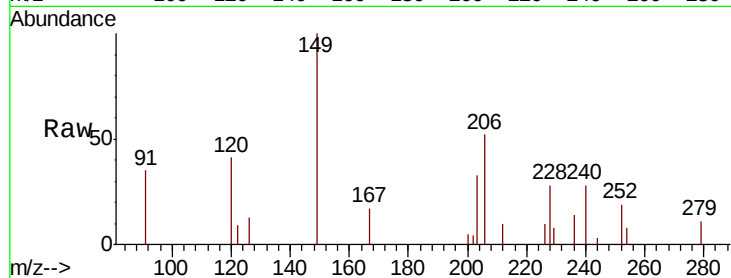
Tgt Ion:228 Resp: 755

Ion Ratio Lower Upper

228 100

226 36.7 22.7 34.1#

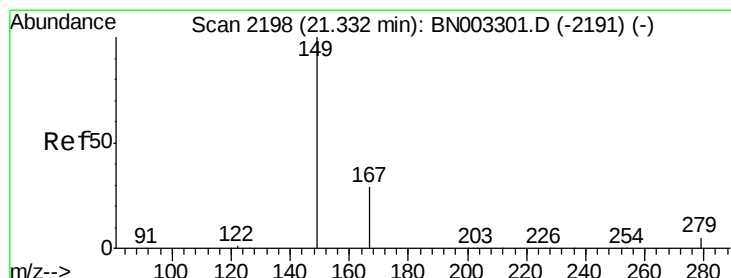
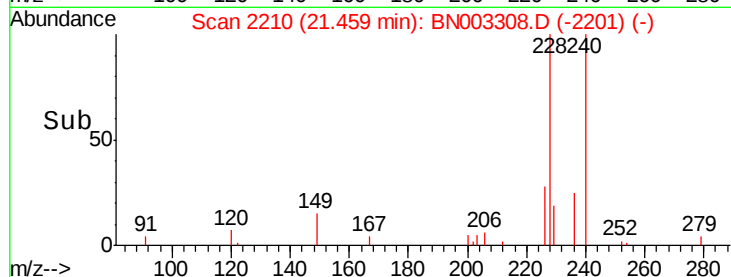
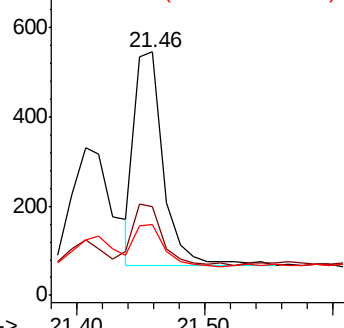
229 29.4 16.0 24.0#



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: 0.015 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

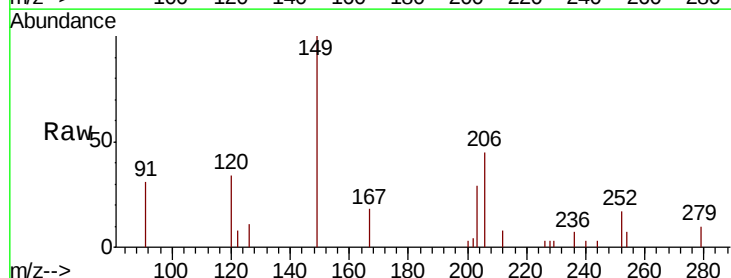
Tgt Ion:149 Resp: 1012

Ion Ratio Lower Upper

149 100

167 19.8 22.4 33.6#

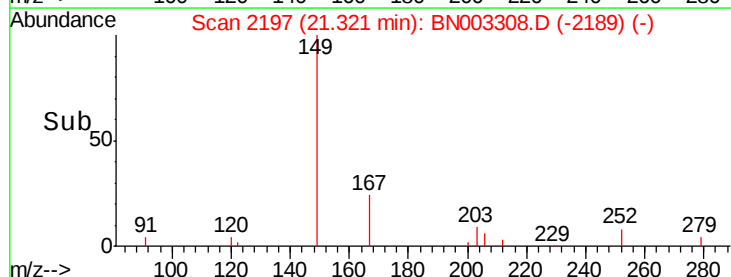
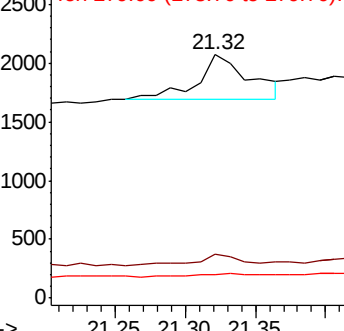
279 9.2 3.9 5.9#

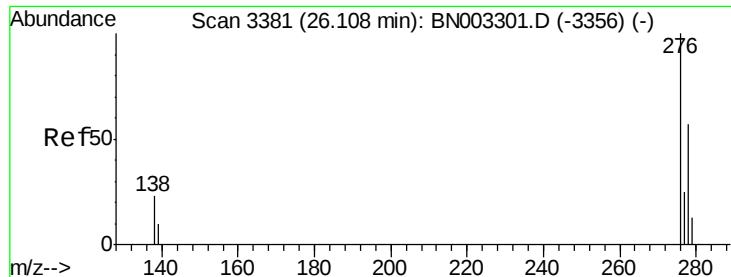


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.001 ng

RT: 26.09 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

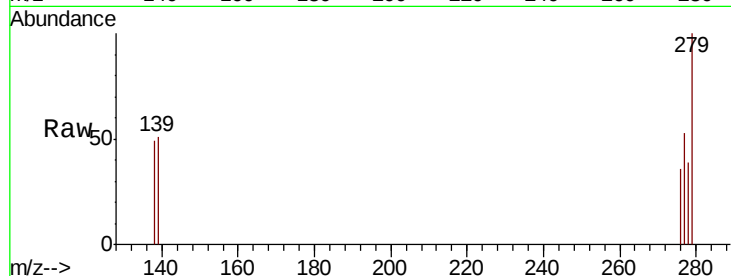
Tgt Ion: 276 Resp: 205

Ion Ratio Lower Upper

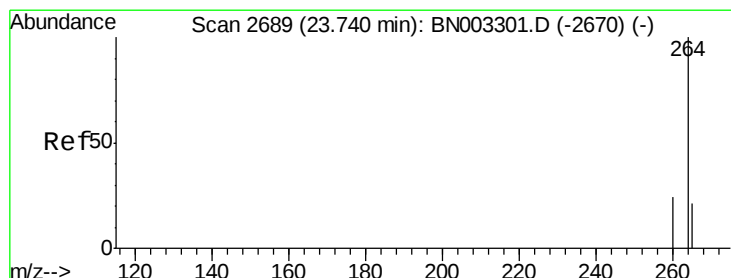
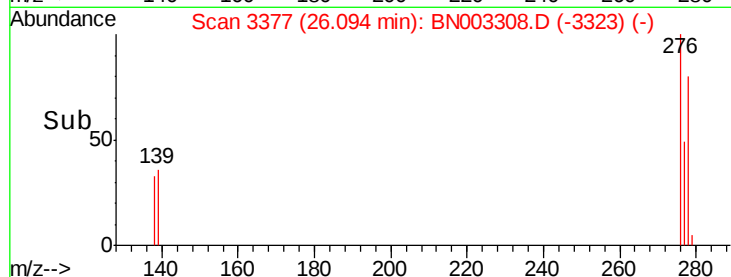
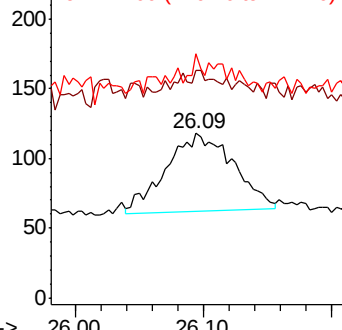
276 100

138 7.3 20.6 30.8#

277 4.9 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: BN003308.D

Acq: 26 Oct 2018 17:07

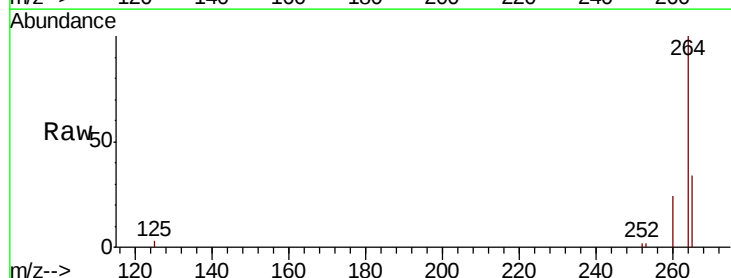
Tgt Ion: 264 Resp: 74244

Ion Ratio Lower Upper

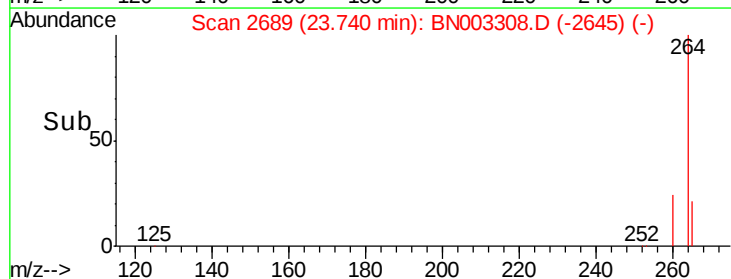
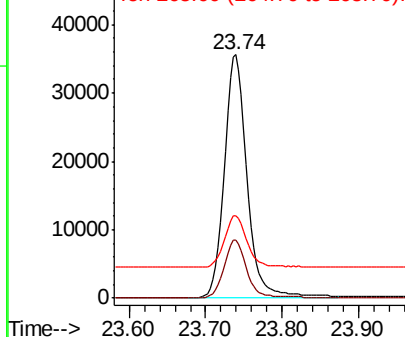
264 100

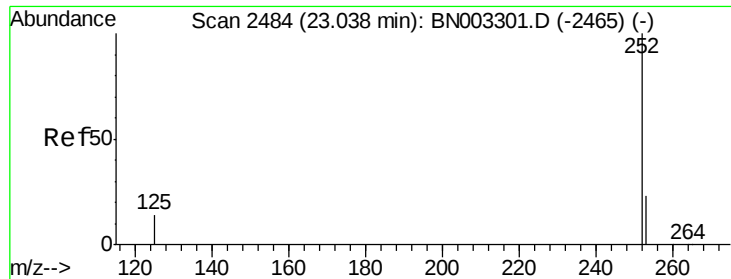
260 23.8 19.1 28.7

265 34.0 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: 23.03 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL

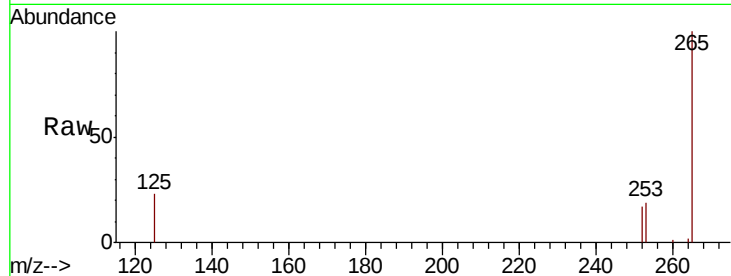
Tgt Ion:252 Resp: 407

Ion Ratio Lower Upper

252 100

253 114.0 19.3 28.9#

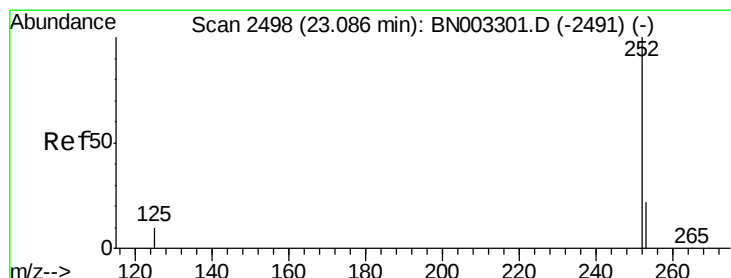
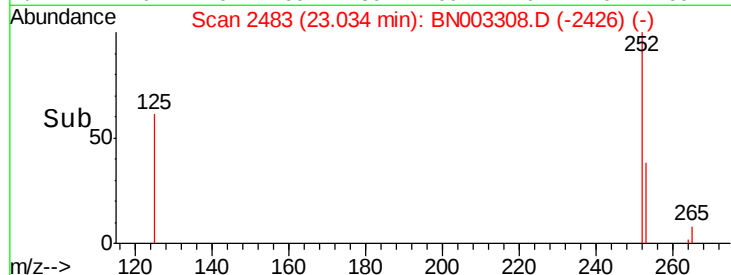
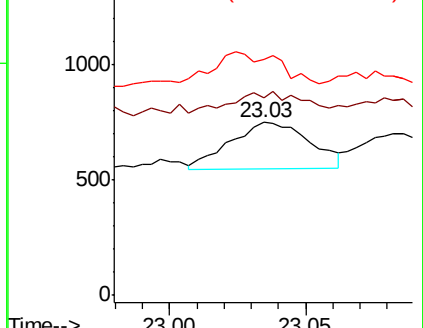
125 136.6 12.7 19.1#



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: 23.09 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

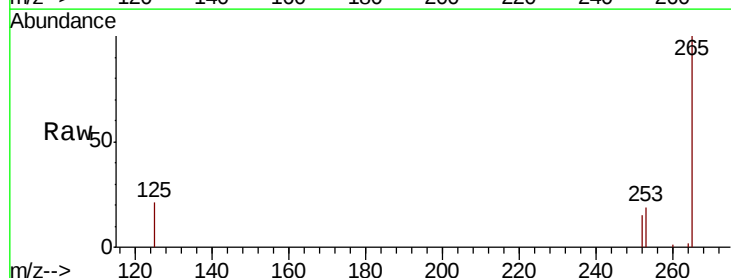
Tgt Ion:252 Resp: 295

Ion Ratio Lower Upper

252 100

253 121.0 18.5 27.7#

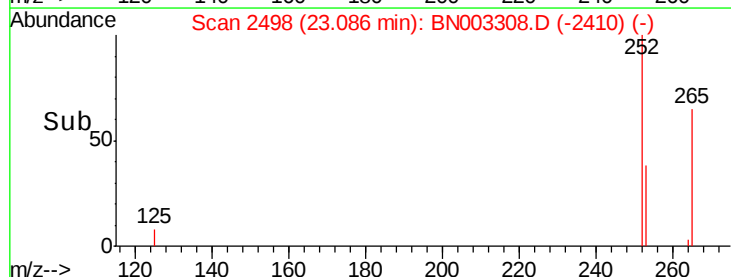
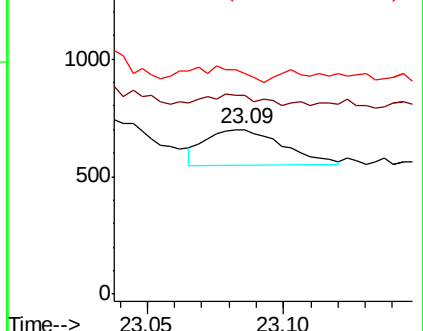
125 134.0 9.1 13.7#

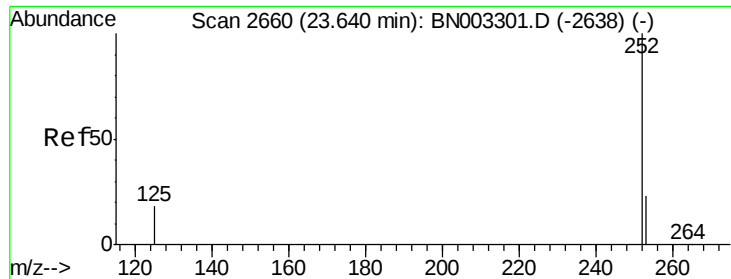


Abundance Ion 252.00 (251.70 to 252.70): E

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: BN003308.D

Acq: 26 Oct 2018 17:07

Instrument :

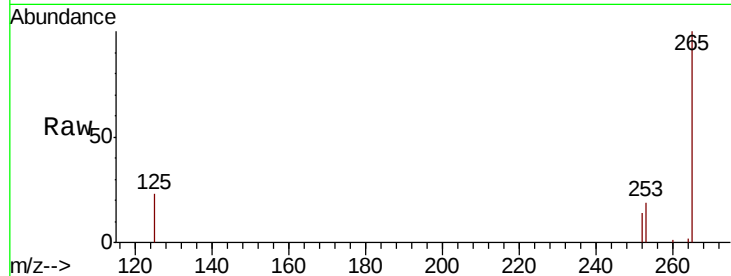
BNA_N

ClientSampleId :

PB113752BL

Tgt Ion: 252 Resp: 160

Ion	Ratio	Lower	Upper
252	100		
253	135.5	20.1	30.1#
125	163.1	16.0	24.0#

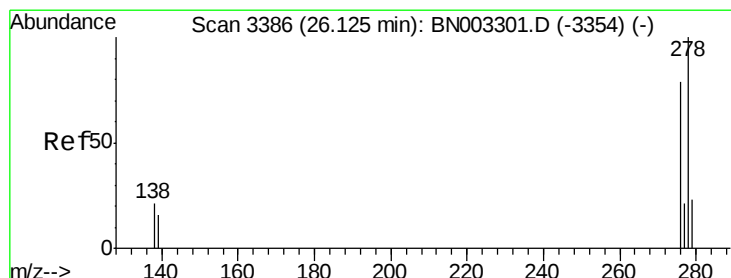
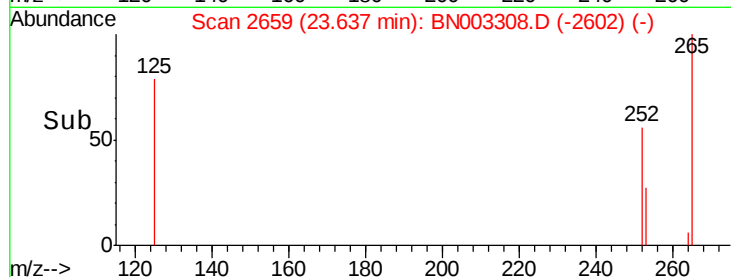
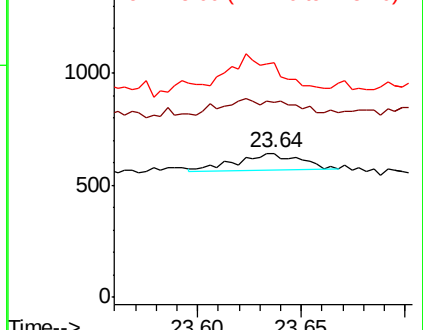


Abundance

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: 26.10 min Scan# 3380

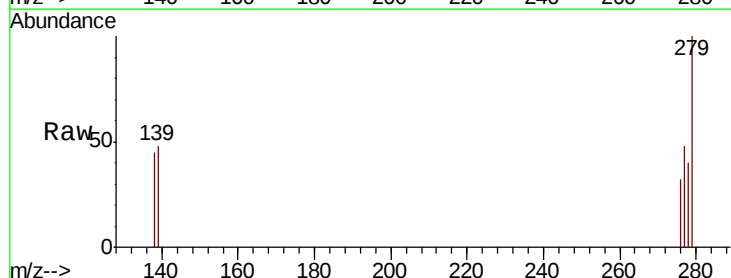
Delta R.T. -0.02 min

Lab File: BN003308.D

Acq: 26 Oct 2018 17:07

Tgt Ion: 278 Resp: 129

Ion	Ratio	Lower	Upper
278	100		
139	119.1	13.5	20.3#
279	248.2	19.8	29.6#

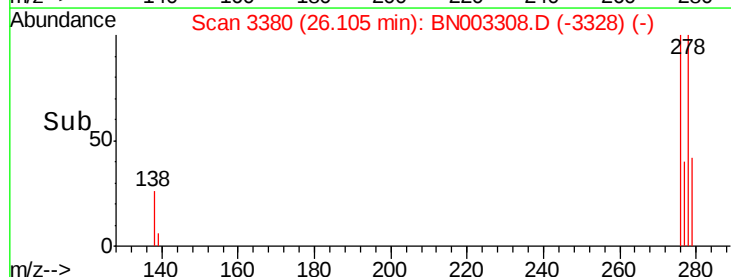
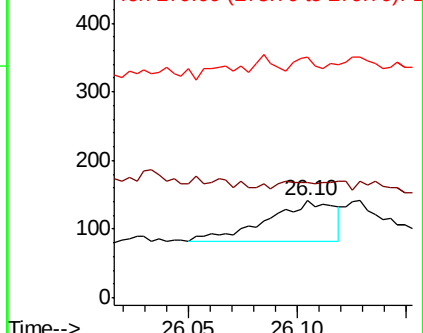


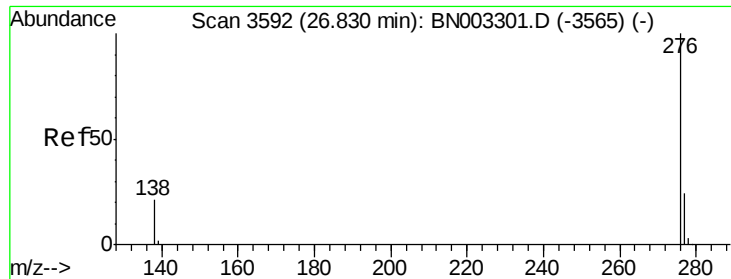
Abundance

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: 26.82 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BN003308.D

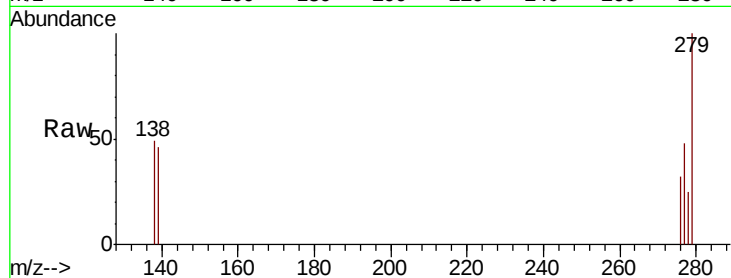
Acq: 26 Oct 2018 17:07

Instrument :

BNA_N

ClientSampleId :

PB113752BL



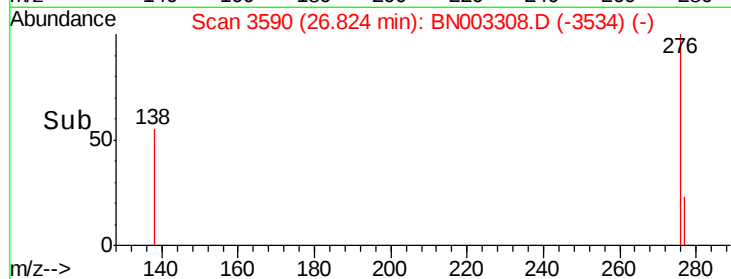
Tgt Ion: 276 Resp: 170

Ion Ratio Lower Upper

276 100

277 150.9 19.5 29.3#

138 156.6 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

