

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101818\
 Data File : BN003201.D
 Acq On : 18 Oct 2018 11:19
 Operator : MJ/SJ
 Sample : PB113752BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 19 02:10:40 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	7.66	152	827	0.40	ng	0.02
7) Naphthalene-d8	10.48	136	3586	0.40	ng	0.05
13) Acenaphthene-d10	14.30	164	2500	0.40	ng	0.02
19) Phenanthrene-d10	17.07	188	7053	0.40	ng	0.02
27) Chrysene-d12	21.26	240	9954	0.40	ng	0.01
34) Perylene-d12	23.48	264	10702	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	440	0.24	ng	0.05
5) Phenol-d6	7.03	99	502	0.19	ng	0.10
8) Nitrobenzene-d5	8.96	82	448	0.19	ng	0.09
11) 2-Methylnaphthalene-d10	12.10	152	1683	0.28	ng	0.06
14) 2,4,6-Tribromophenol	15.86	330	405	0.25	ng	0.03
15) 2-Fluorobiphenyl	12.96	172	2328	0.24	ng	0.03
25) Fluoranthene-d10	19.10	212	5892	0.27	ng	0.02
29) Terphenyl-d14	19.69	244	6805	0.32	ng	0.01

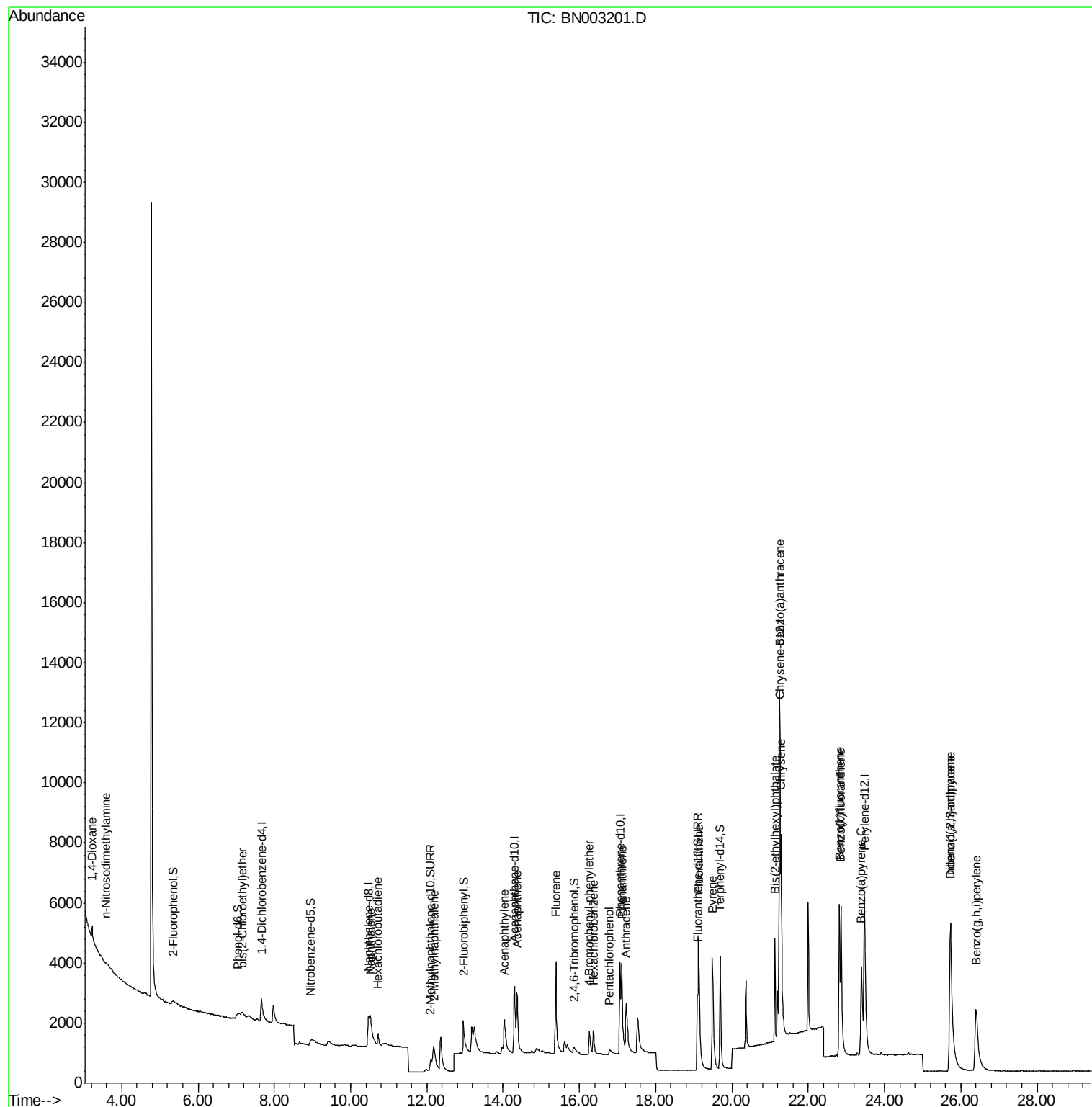
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	354	0.274	ng	# 48
3) n-Nitrosodimethylamine	3.60	42	45	0.217	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	460	0.211	ng	96
9) Naphthalene	10.53	128	2389	0.268	ng	# 83
10) Hexachlorobutadiene	10.72	225	386	0.221	ng	# 98
12) 2-Methylnaphthalene	12.18	142	1545	0.253	ng	95
16) Acenaphthylene	14.03	152	2744	0.241	ng	99
17) Acenaphthene	14.35	154	1838	0.243	ng	99
18) Fluorene	15.38	166	2574	0.261	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	763	0.194	ng	95
21) Hexachlorobenzene	16.37	284	927	0.213	ng	98
22) Pentachlorophenol	16.79	266	246	0.331	ng	89
23) Phenanthrene	17.11	178	4648	0.252	ng	99
24) Anthracene	17.23	178	4142	0.245	ng	99
26) Fluoranthene	19.13	202	6529	0.276	ng	99
28) Pyrene	19.49	202	6704	0.241	ng	100
30) Benzo(a)anthracene	21.25	228	6491	0.243	ng	100
31) Chrysene	21.29	228	7963	0.260	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	3431	0.217	ng	99
33) Indeno(1,2,3-cd)pyrene	25.73	276	9172	0.254	ng	98
35) Benzo(b)fluoranthene	22.82	252	7441	0.257	ng	99
36) Benzo(k)fluoranthene	22.86	252	9420	0.276	ng	99
37) Benzo(a)pyrene	23.39	252	8061	0.271	ng	97
38) Dibenzo(a,h)anthracene	25.73	278	7526	0.247	ng	98
39) Benzo(g,h,i)perylene	26.40	276	7918	0.258	ng	96

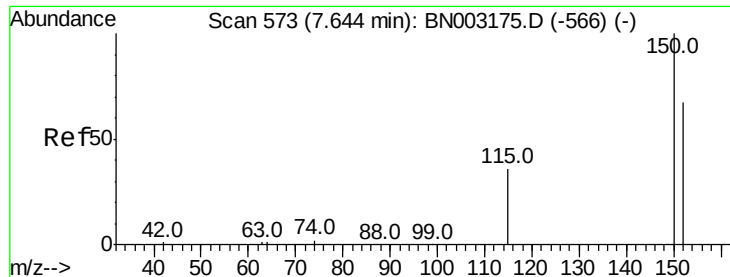
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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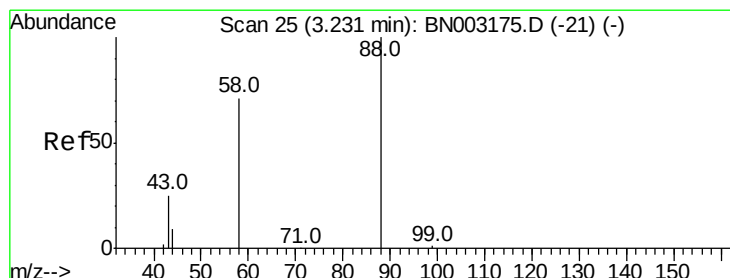
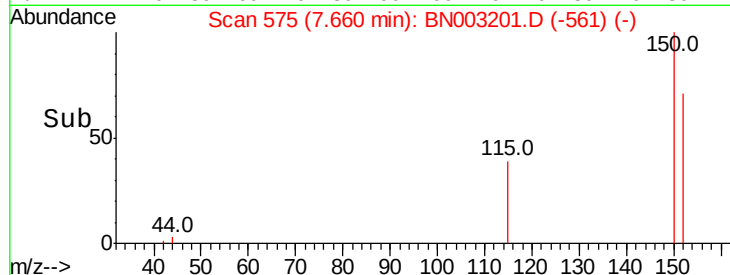
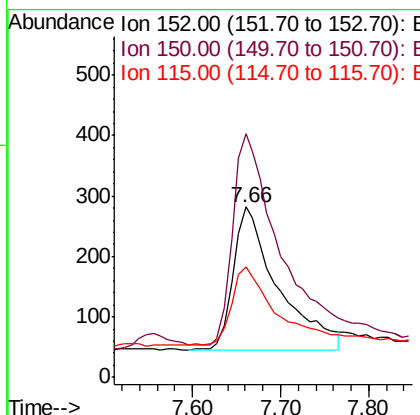
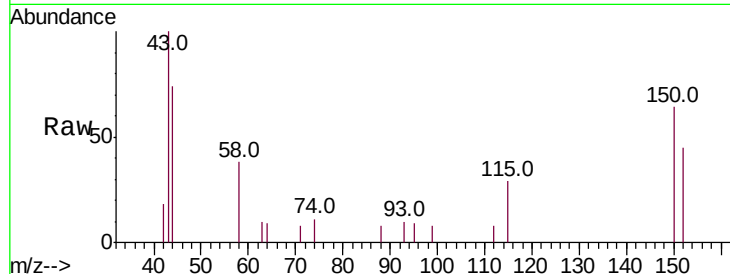




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.66 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

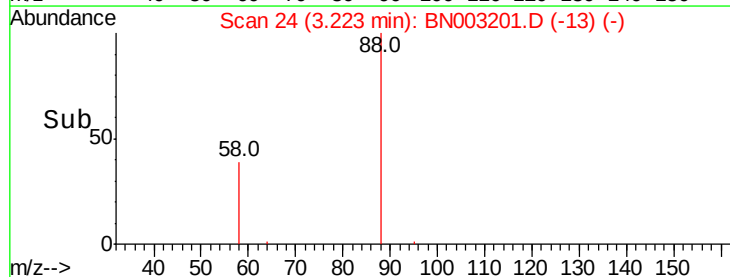
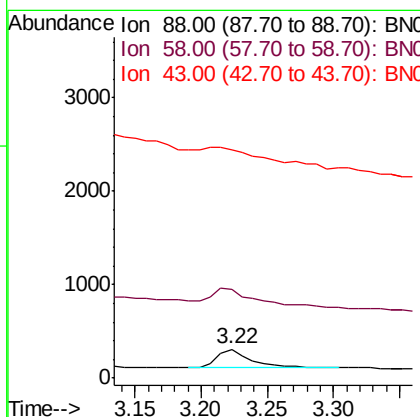
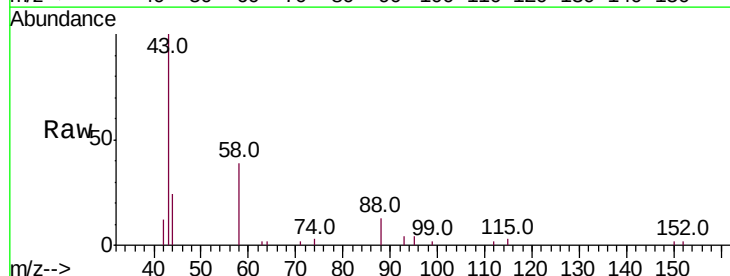
Instrument :
 BNA_N
 ClientSampled :

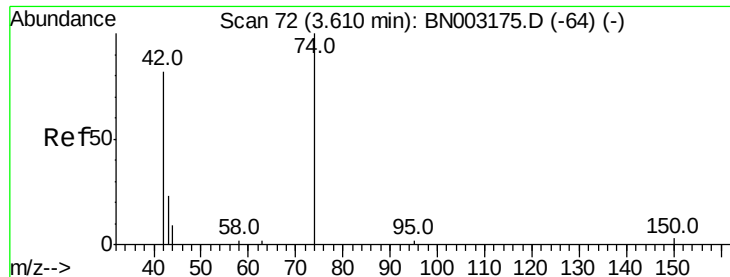
Tot Ion:152 Resp: 827
 Ion Ratio Lower Upper
 152 100
 150 142.9 126.2 189.4
 115 64.9 49.8 74.6



#2
 1,4-Dioxane
 Concen: 0.274 ng
 RT: 3.22 min Scan# 24
 Delta R.T. -0.01 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

Tgt Ion: 88 Resp: 354
 Ion Ratio Lower Upper
 88 100
 58 129.1 66.7 100.1#
 43 0.0 24.6 37.0#



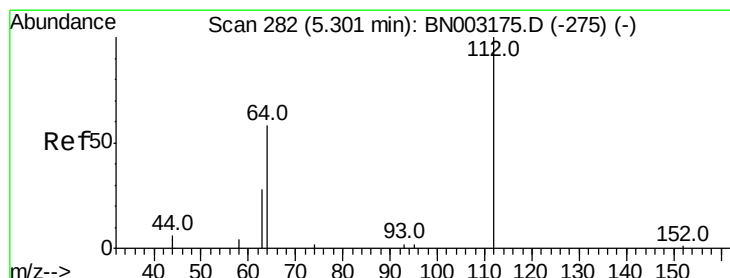
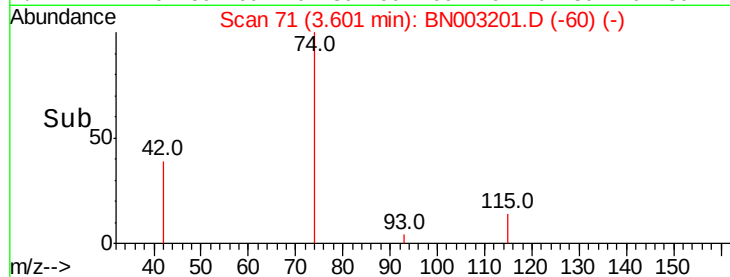
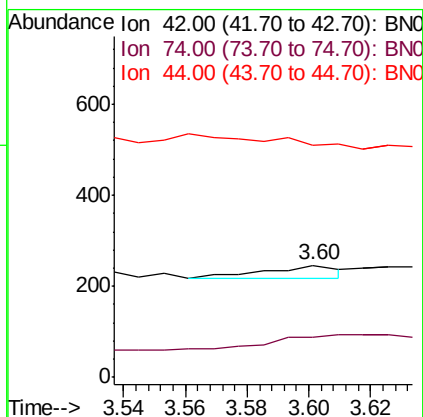
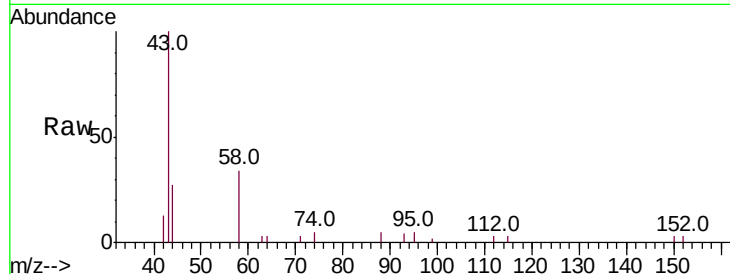


#3

n-Nitrosodimethylamine
 Concen: 0.217 ng
 RT: 3.60 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

Instrument :
 BNA_N
 ClientSampled :

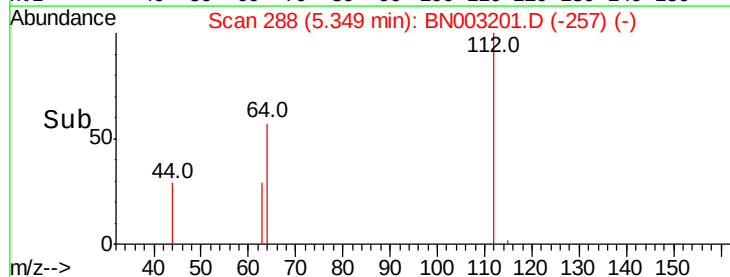
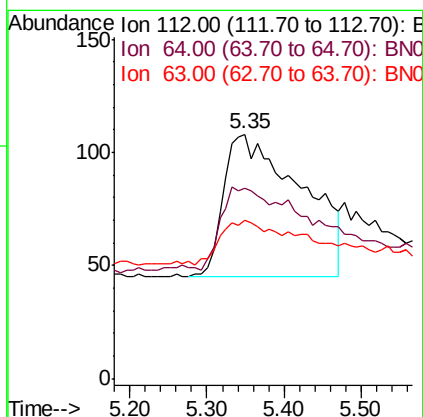
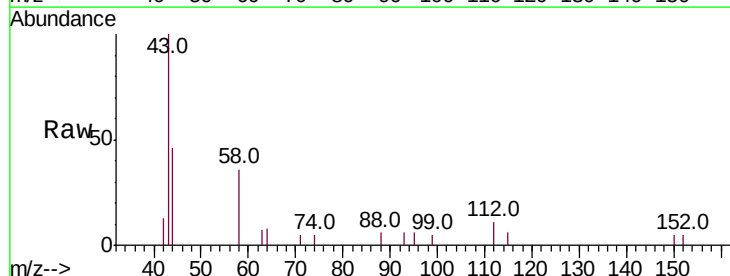
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.9	154.3#
44	0.0	0.0	0.0

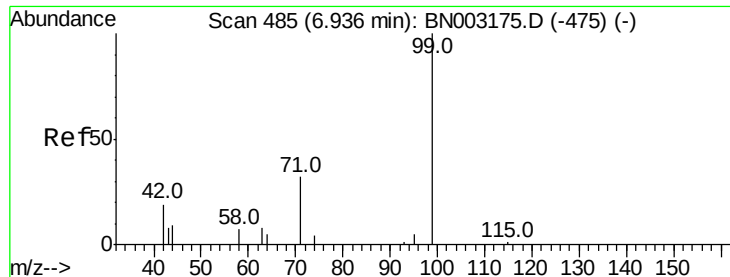


#4

2-Fluorophenol
 Concen: 0.241 ng
 RT: 5.35 min Scan# 288
 Delta R.T. 0.05 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	33.0	49.0	73.4#
63	21.4	25.9	38.9#





#5

Phenol-d6

Concen: 0.193 ng

RT: 7.03 min Scan# 497

Delta R.T. 0.10 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

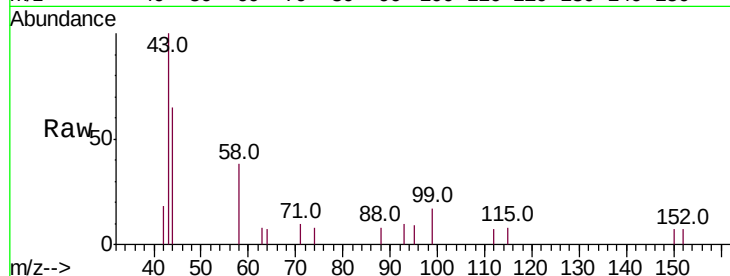
Tot Ion: 99 Resp: 502

Ion Ratio Lower Upper

99 100

42 0.0 15.4 23.2#

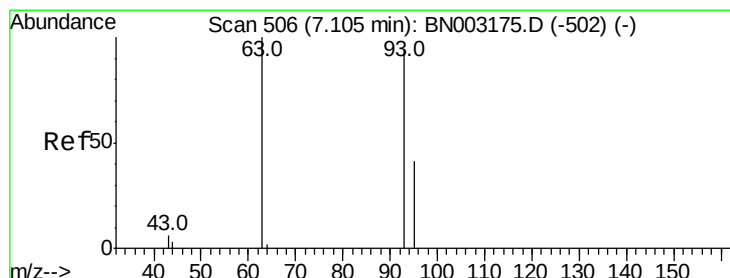
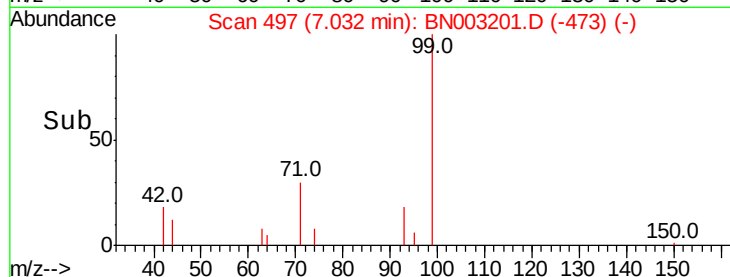
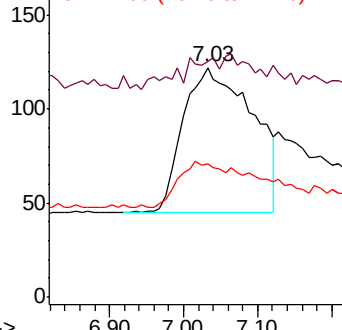
71 0.0 26.0 39.0#



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.211 ng

RT: 7.16 min Scan# 513

Delta R.T. 0.06 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

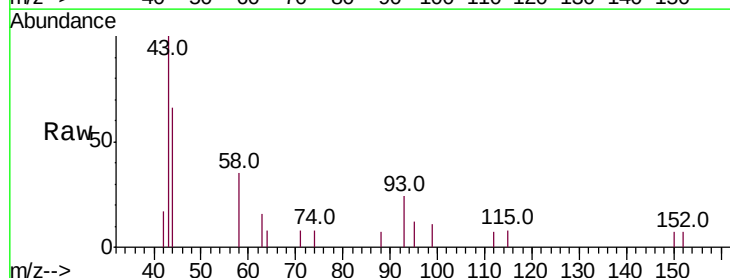
Tgt Ion: 93 Resp: 460

Ion Ratio Lower Upper

93 100

63 65.0 54.2 81.4

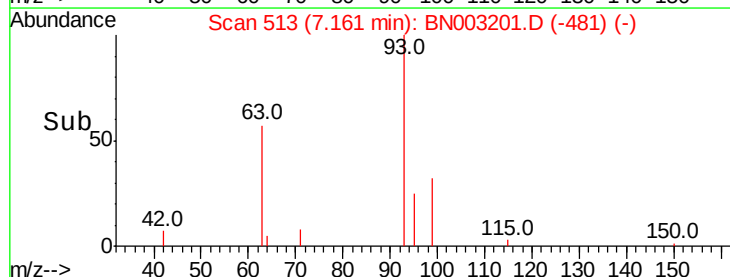
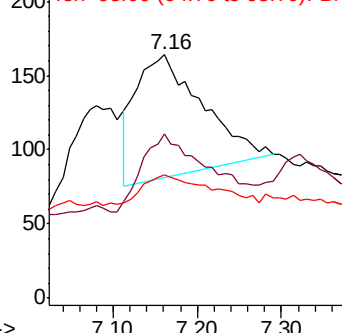
95 27.4 24.9 37.3

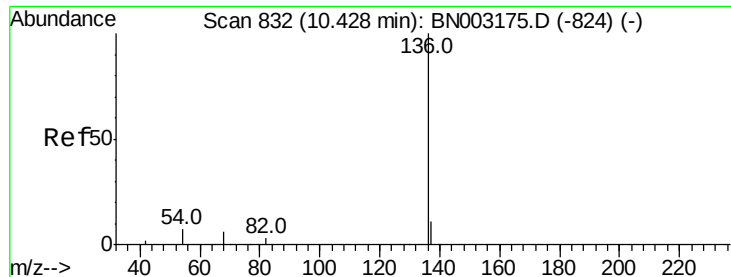


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. 0.05 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3586

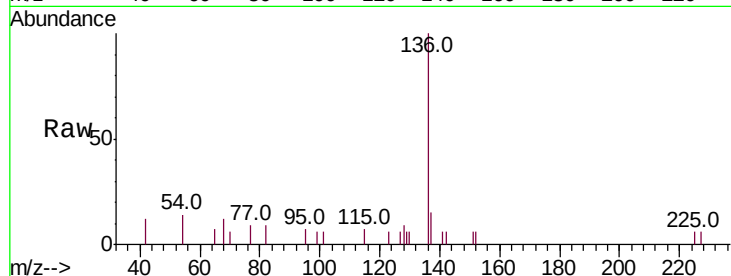
Ion Ratio Lower Upper

136 100

137 15.5 9.4 14.0#

54 14.0 7.4 11.0#

68 11.5 5.8 8.6#

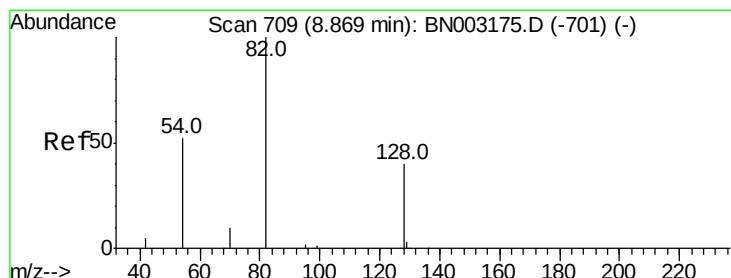
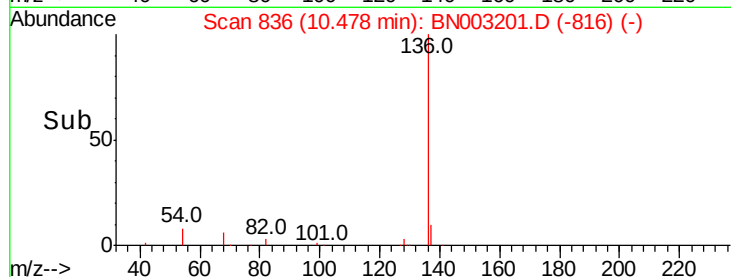
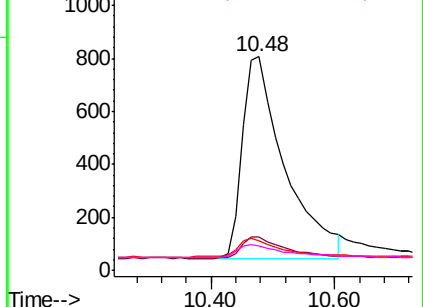


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.194 ng

RT: 8.96 min Scan# 716

Delta R.T. 0.09 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

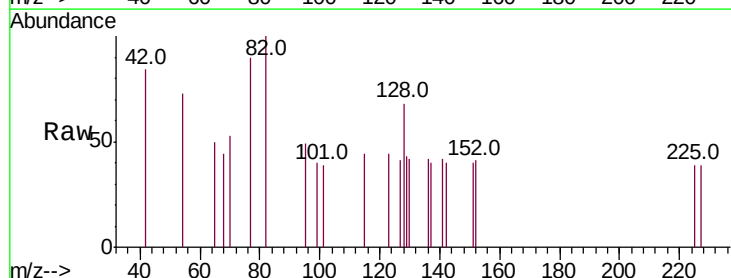
Tgt Ion: 82 Resp: 448

Ion Ratio Lower Upper

82 100

128 67.8 38.2 57.4#

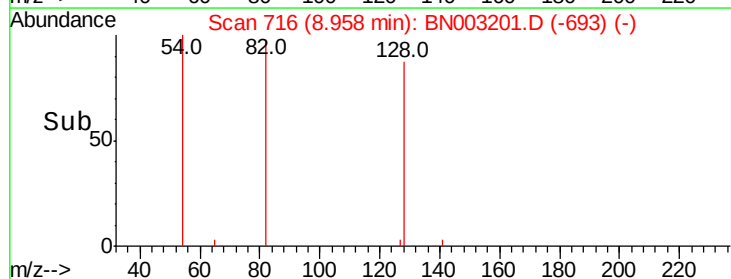
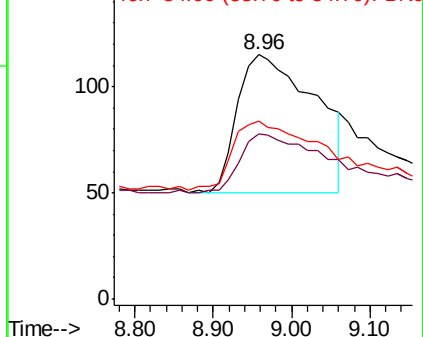
54 73.0 44.1 66.1#

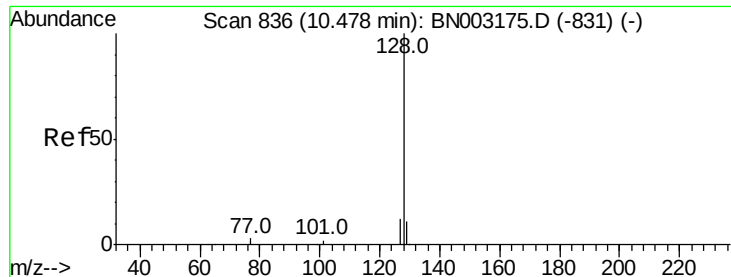


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.268 ng

RT: 10.53 min Scan# 840

Delta R.T. 0.05 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

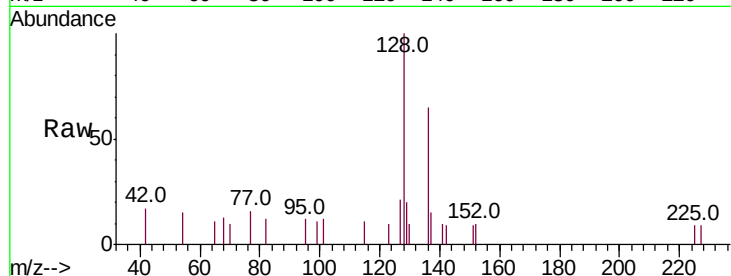
Tot Ion:128 Resp: 2389

Ion Ratio Lower Upper

128 100

129 19.8 9.8 14.6#

127 20.6 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

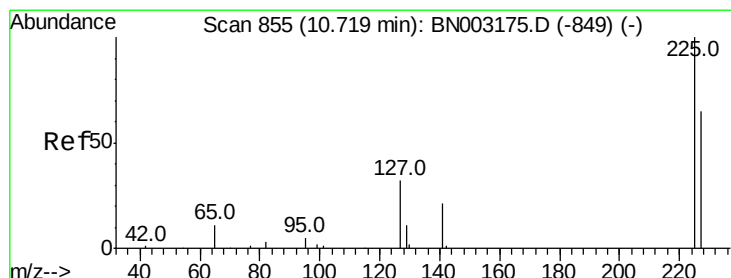
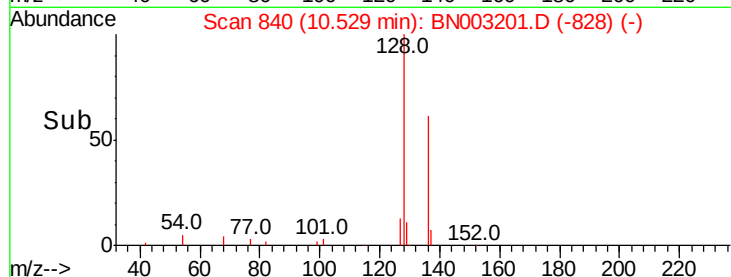
10.53

400

200

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.221 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

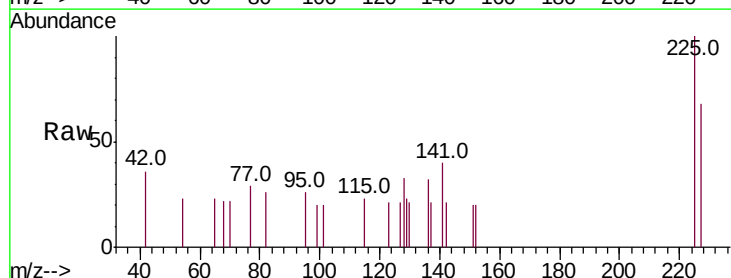
Tgt Ion:225 Resp: 386

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.5 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

10.72

300

250

200

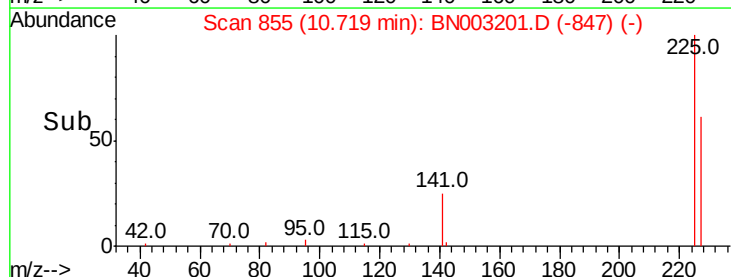
150

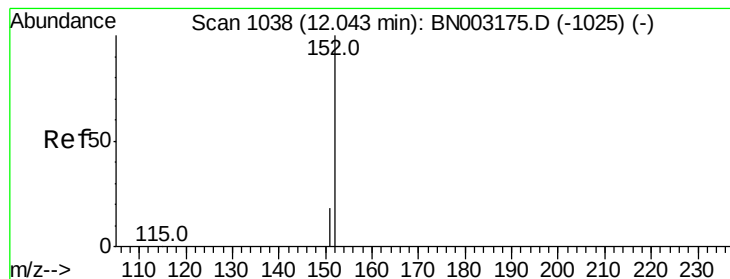
100

50

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.277 ng

RT: 12.10 min Scan# 1051

Delta R.T. 0.06 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

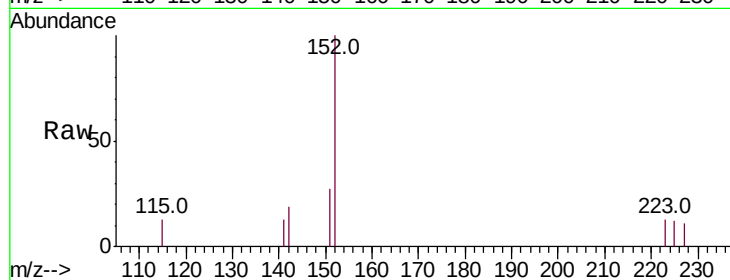
ClientSampled :

Tot Ion:152 Resp: 1683

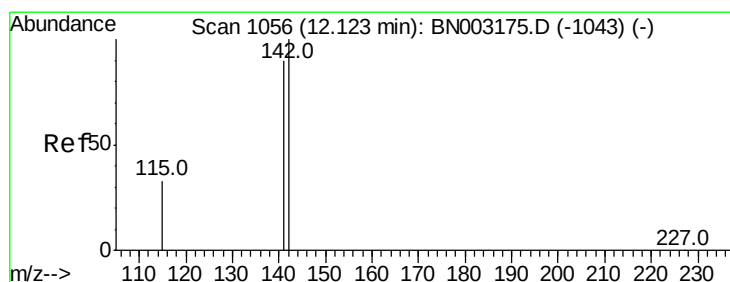
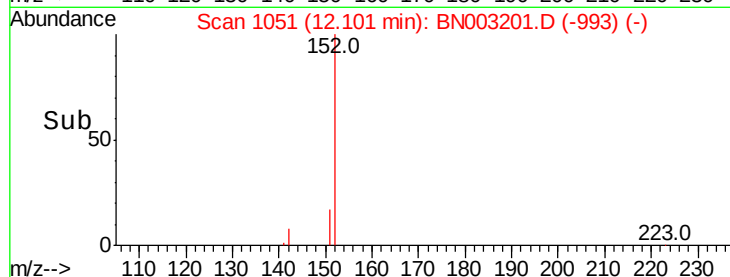
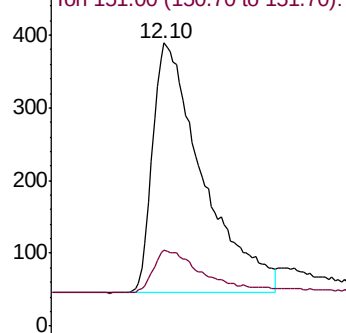
Ion Ratio Lower Upper

152 100

151 15.5 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.253 ng

RT: 12.18 min Scan# 1069

Delta R.T. 0.06 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

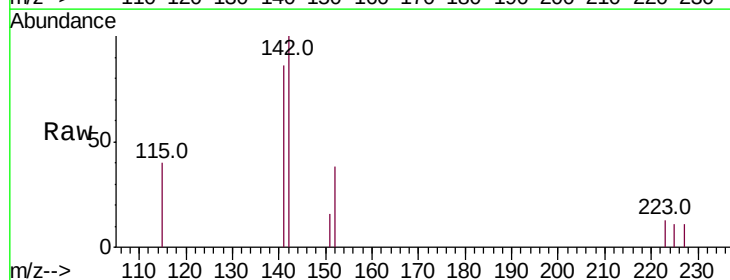
Tgt Ion:142 Resp: 1545

Ion Ratio Lower Upper

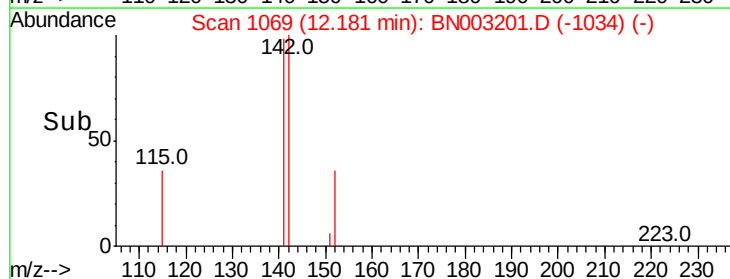
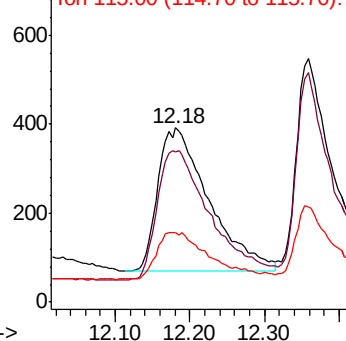
142 100

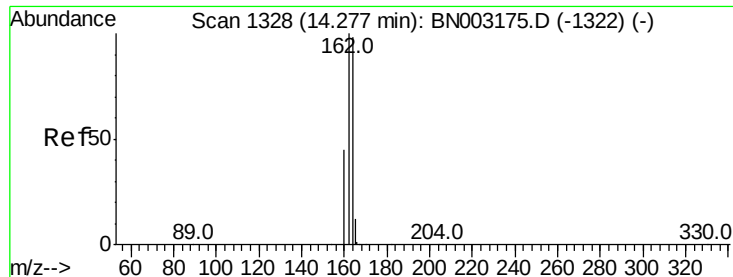
141 86.2 71.5 107.3

115 40.1 28.1 42.1



Abundance Ion 142.00 (141.70 to 142.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

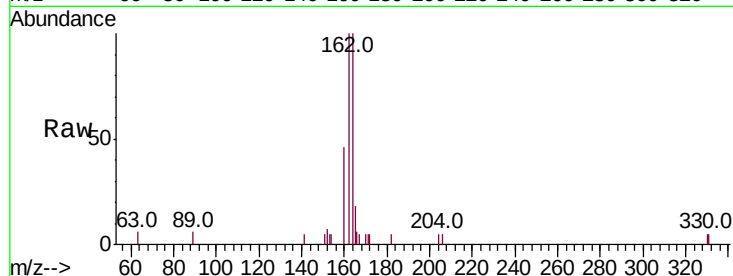
Tot Ion:164 Resp: 2500

Ion Ratio Lower Upper

164 100

162 100.2 81.7 122.5

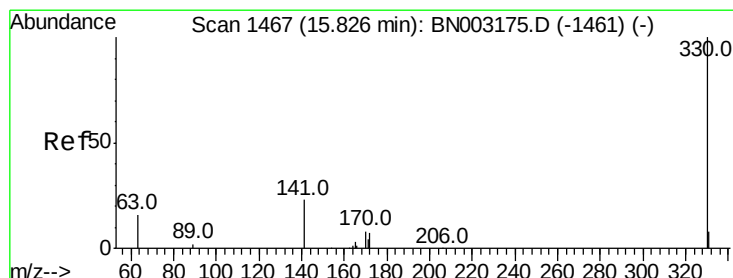
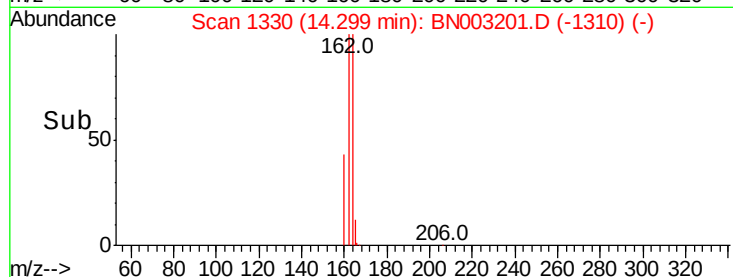
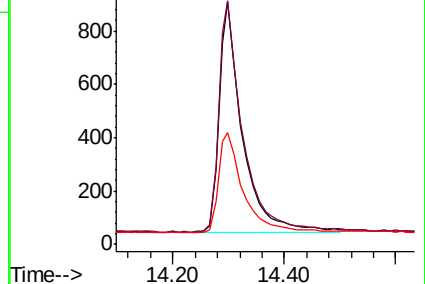
160 45.8 36.3 54.5



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: 0.254 ng

RT: 15.86 min Scan# 1470

Delta R.T. 0.03 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

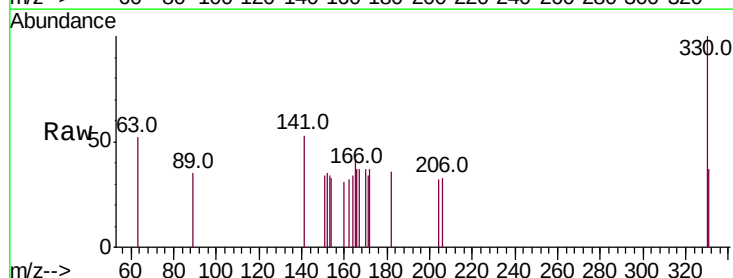
Tgt Ion:330 Resp: 405

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

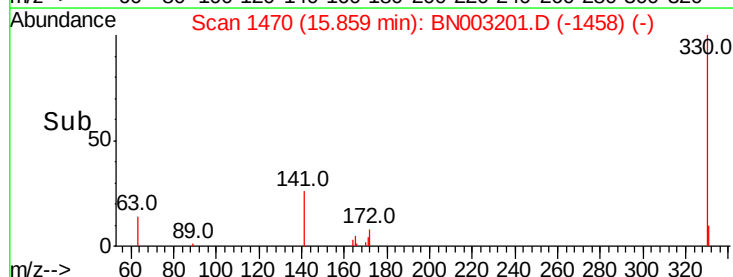
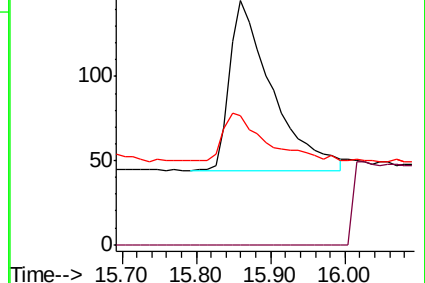
141 26.7 22.6 33.8

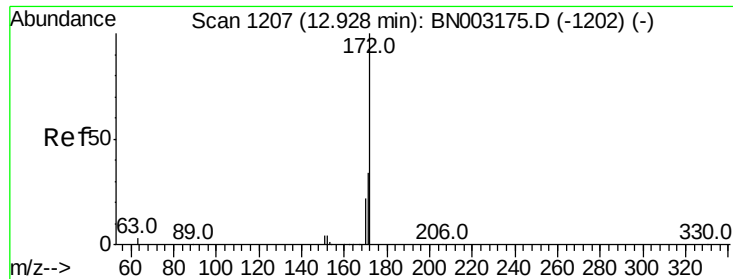


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

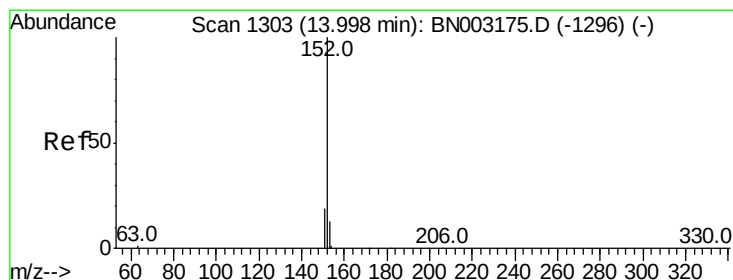
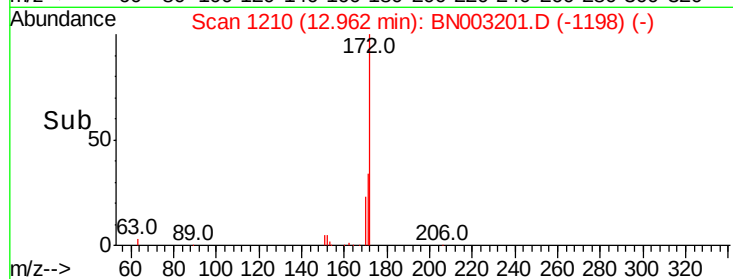
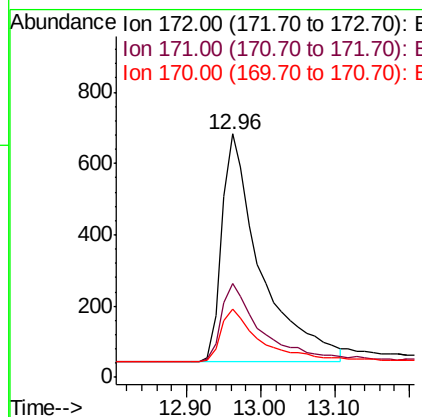
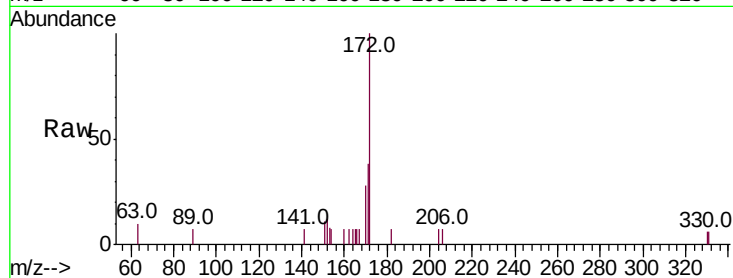




#15
 2-Fluorobiphenyl
 Concen: 0.237 ng
 RT: 12.96 min Scan# 1210
 Delta R.T. 0.03 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

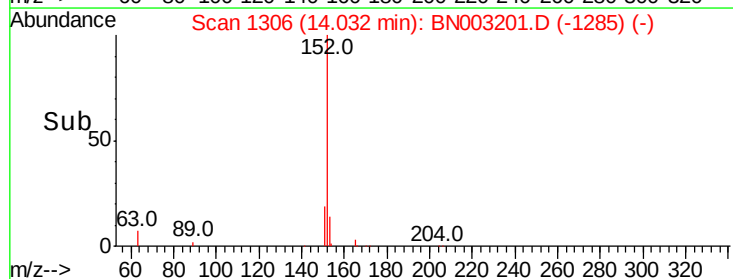
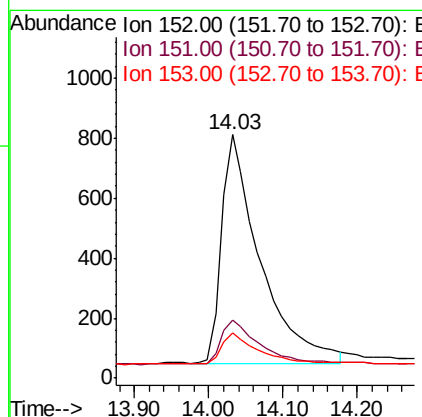
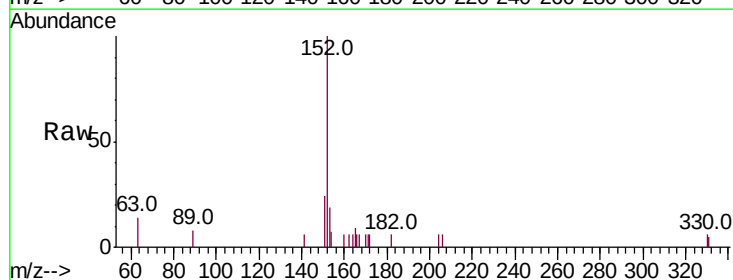
Instrument :
 BNA_N
 ClientSampleId :

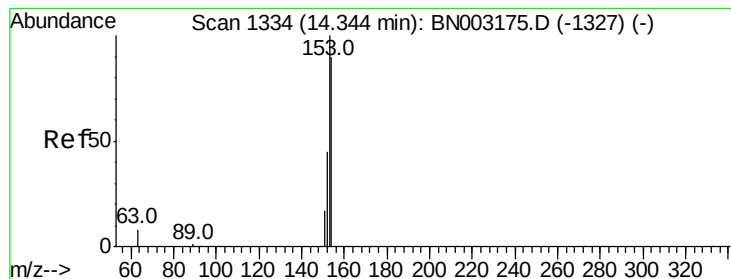
Tot Ion:172 Resp: 2328
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.6 43.0
 170 28.0 18.6 27.8#



#16
 Acenaphthylene
 Concen: 0.241 ng
 RT: 14.03 min Scan# 1306
 Delta R.T. 0.03 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

Tgt Ion:152 Resp: 2744
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.7 23.5
 153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.243 ng

RT: 14.35 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampled :

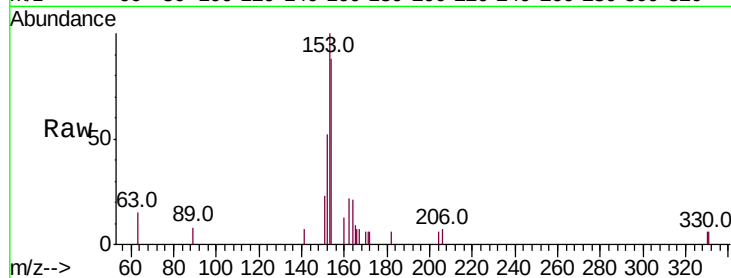
Tot Ion:154 Resp: 1838

Ion Ratio Lower Upper

154 100

153 114.6 91.0 136.4

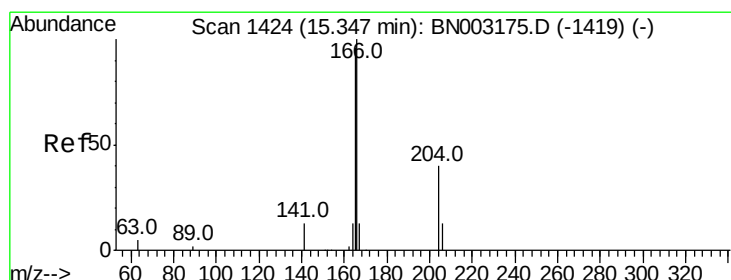
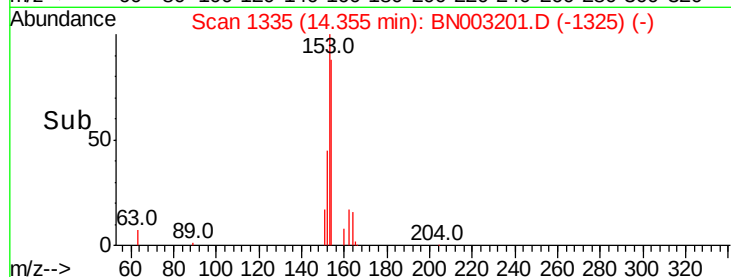
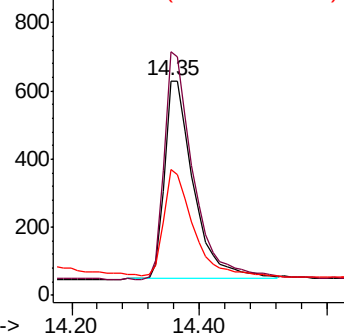
152 53.1 43.8 65.6



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: 0.261 ng

RT: 15.38 min Scan# 1427

Delta R.T. 0.03 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

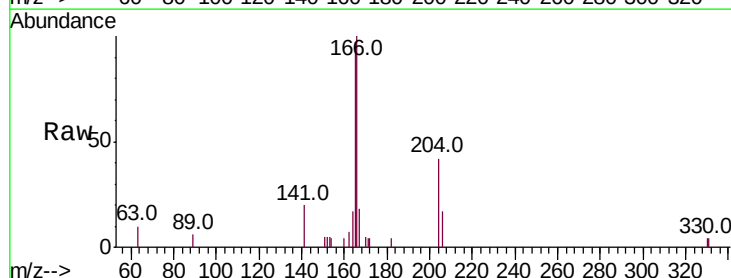
Tgt Ion:166 Resp: 2574

Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.2

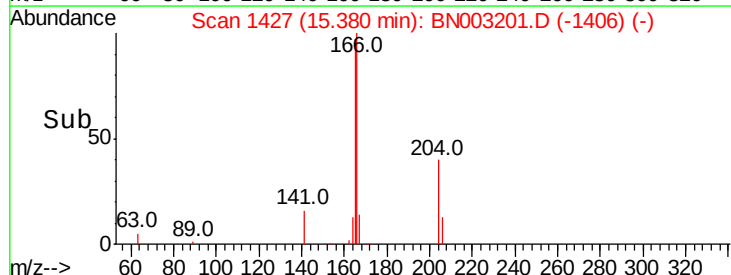
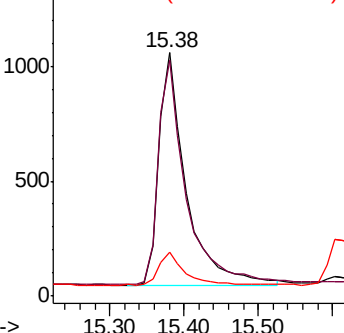
167 13.9 10.7 16.1

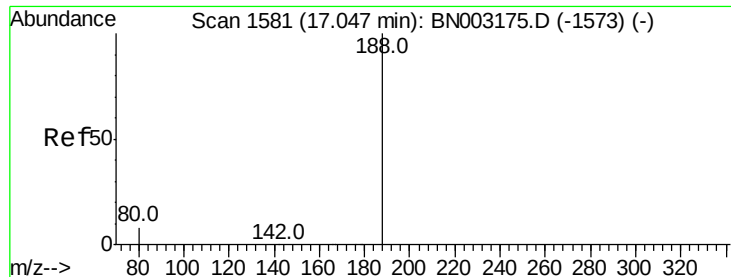


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

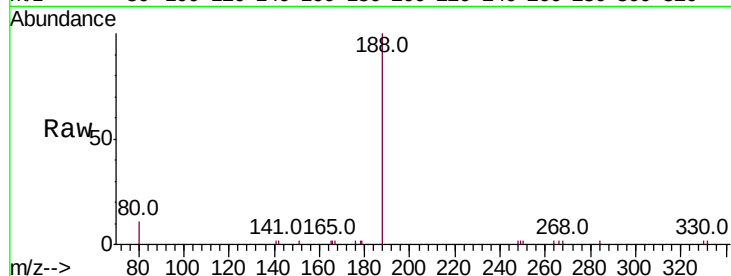
Tot Ion:188 Resp: 7053

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

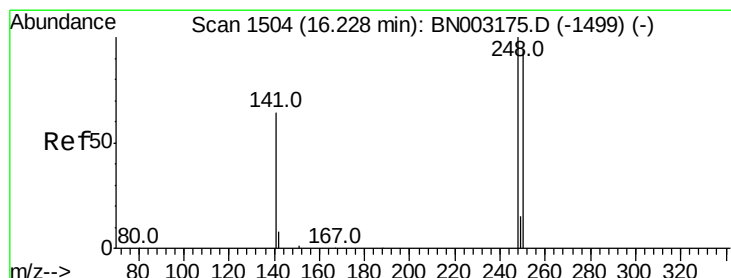
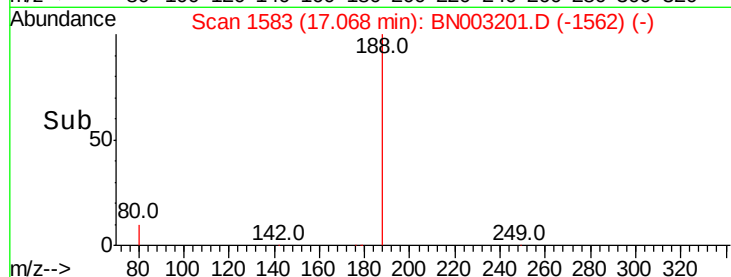
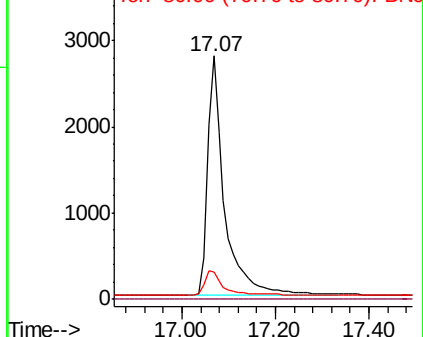
80 11.3 6.7 10.1#



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: 0.194 ng

RT: 16.26 min Scan# 1507

Delta R.T. 0.03 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

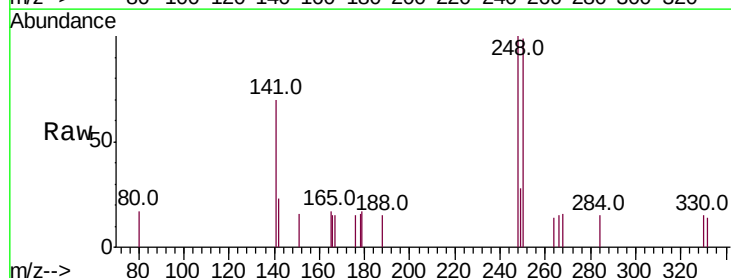
Tgt Ion:248 Resp: 763

Ion Ratio Lower Upper

248 100

250 98.7 78.9 118.3

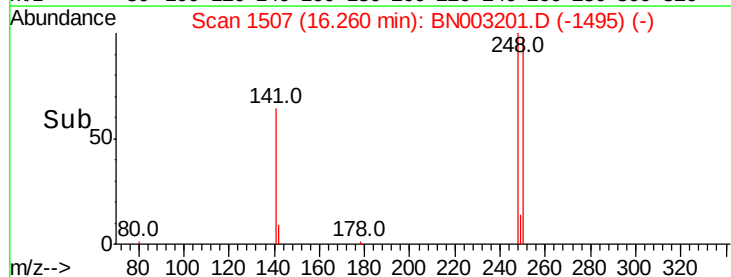
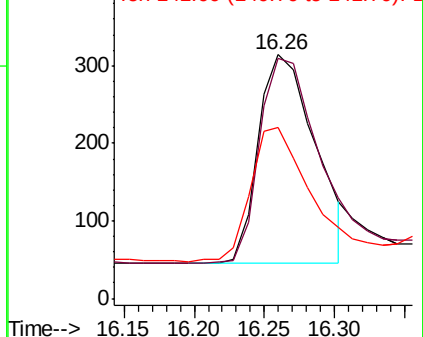
141 70.4 48.5 72.7

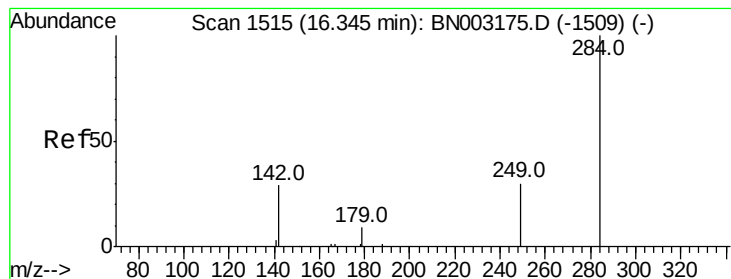


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.213 ng

RT: 16.37 min Scan# 1517

Delta R.T. 0.02 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

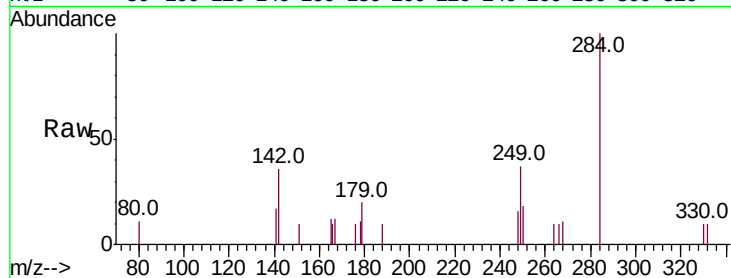
Tot Ion:284 Resp: 927

Ion Ratio Lower Upper

284 100

142 29.9 24.6 37.0

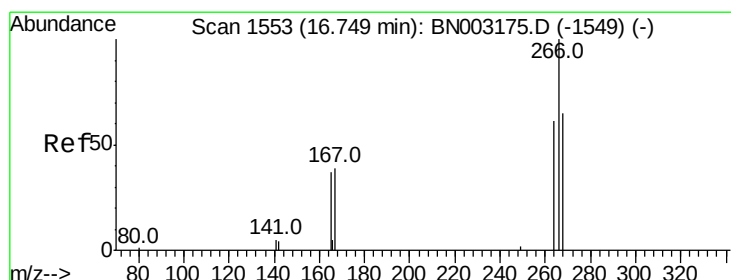
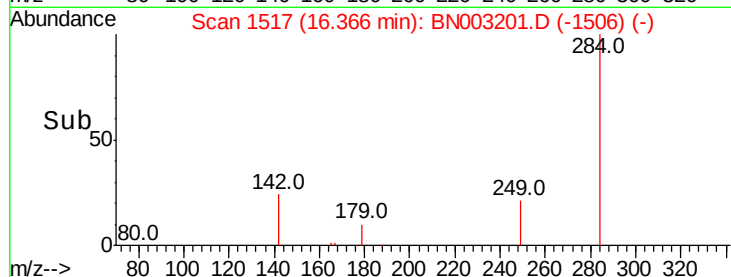
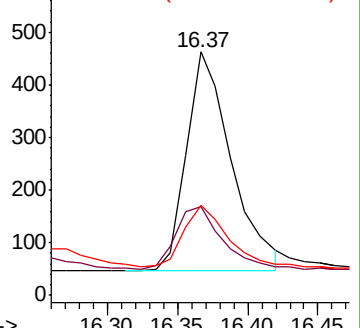
249 26.6 22.3 33.5



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: 0.331 ng

RT: 16.79 min Scan# 1557

Delta R.T. 0.04 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

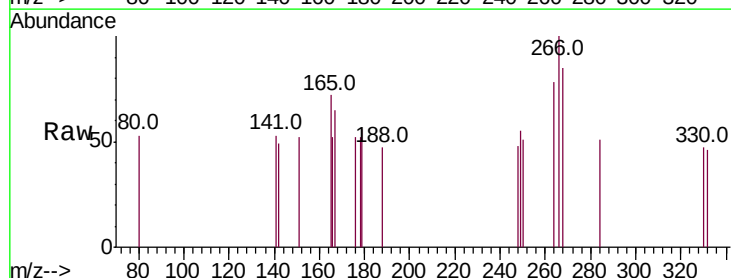
Tgt Ion:266 Resp: 246

Ion Ratio Lower Upper

266 100

264 77.9 55.0 82.4

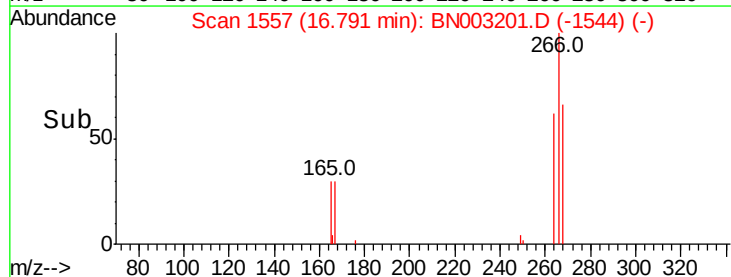
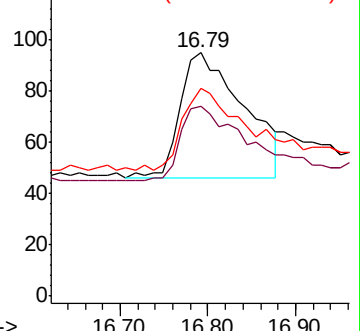
268 85.3 60.6 91.0

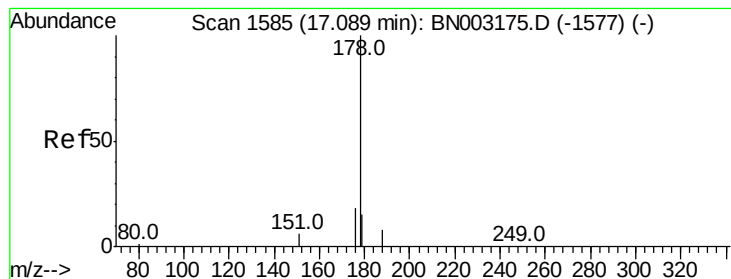


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.252 ng

RT: 17.11 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampled :

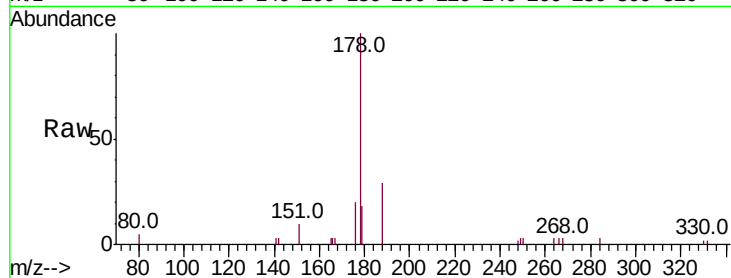
Tot Ion:178 Resp: 4648

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

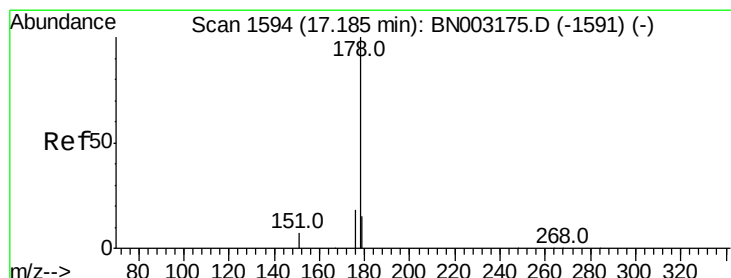
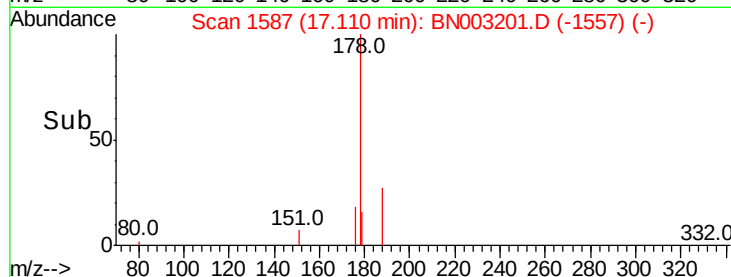
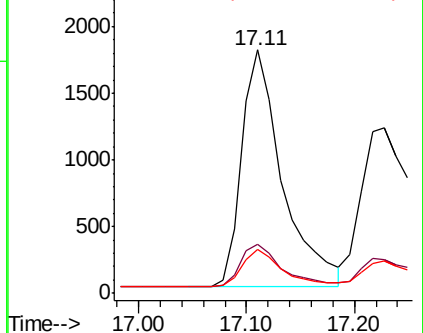
179 15.6 12.3 18.5



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: 0.245 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.04 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

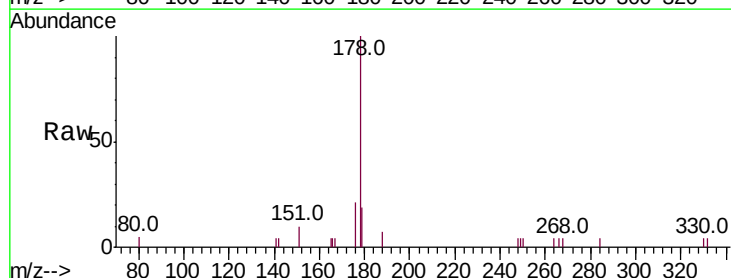
Tgt Ion:178 Resp: 4142

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

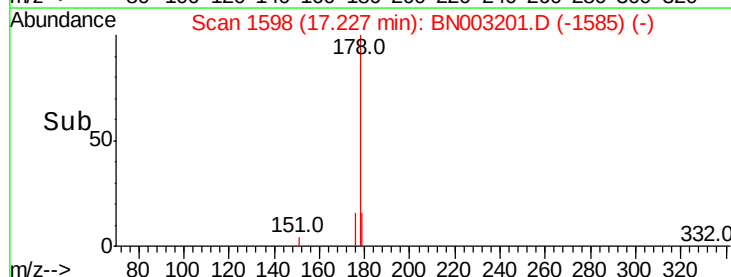
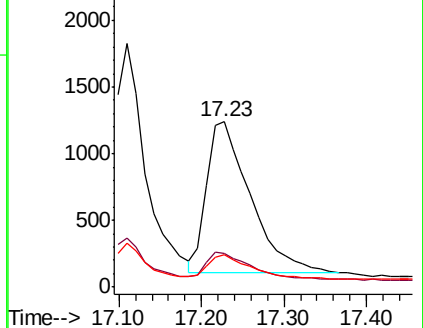
179 14.9 12.3 18.5

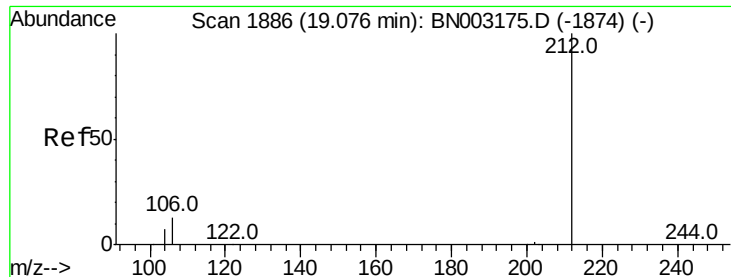


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

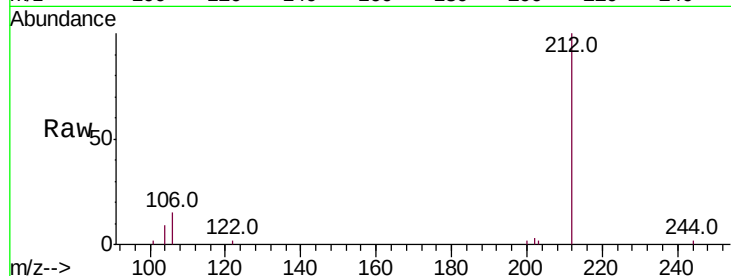




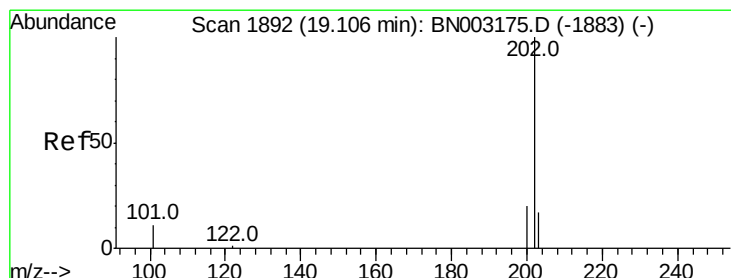
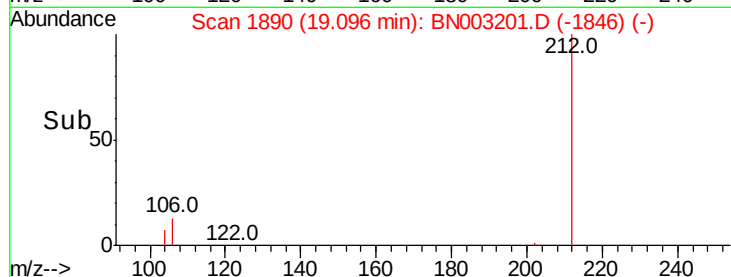
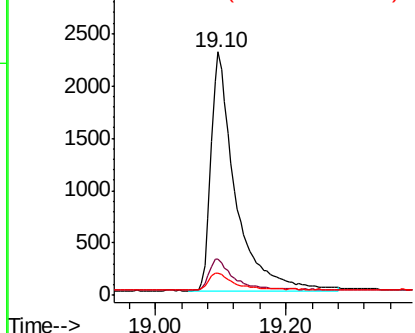
#25
 Fluoranthene-d10
 Concen: 0.270 ng
 RT: 19.10 min Scan# 1890
 Delta R.T. 0.02 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:212 Resp: 5892
 Ion Ratio Lower Upper
 212 100
 106 13.0 10.2 15.4
 104 7.2 5.8 8.6

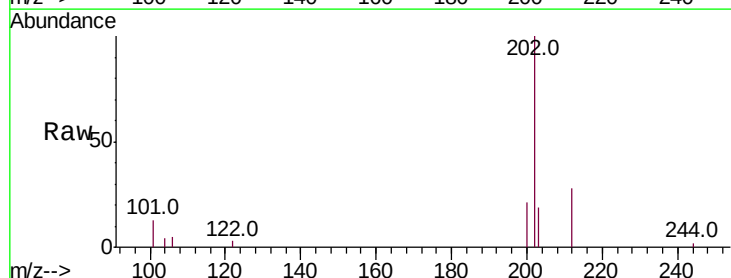


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

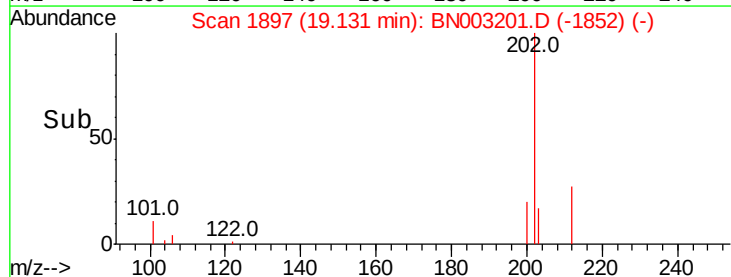
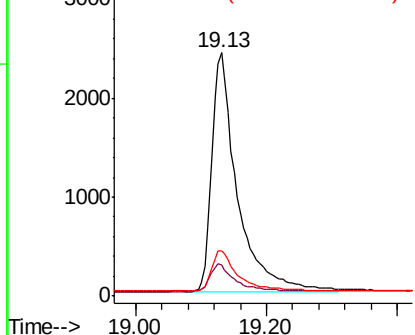


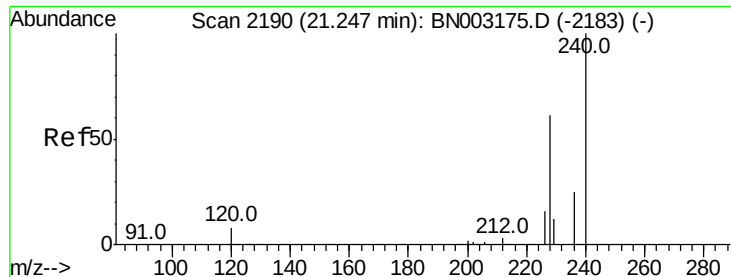
#26
 Fluoranthene
 Concen: 0.276 ng
 RT: 19.13 min Scan# 1897
 Delta R.T. 0.02 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

Tgt Ion:202 Resp: 6529
 Ion Ratio Lower Upper
 202 100
 101 11.1 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

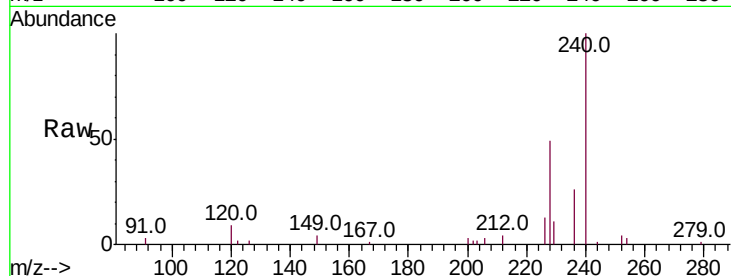




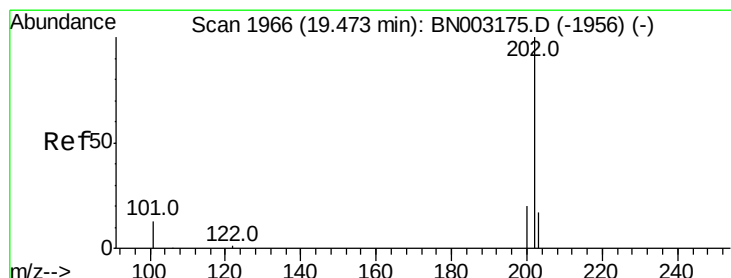
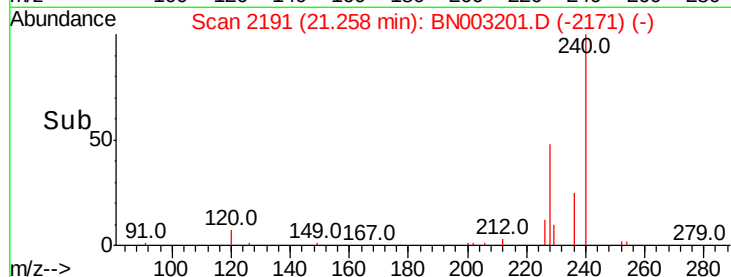
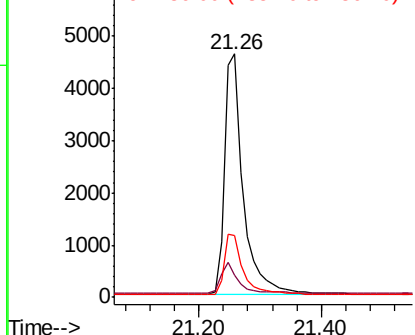
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BN003201.D
Acq: 18 Oct 2018 11:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 9954
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.8
236 25.5 21.0 31.4

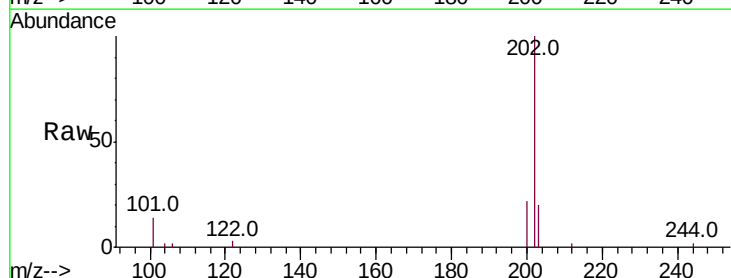


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

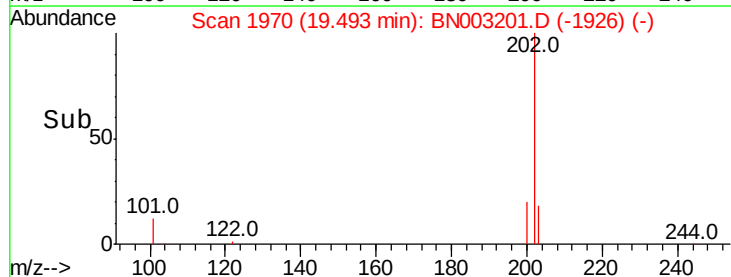
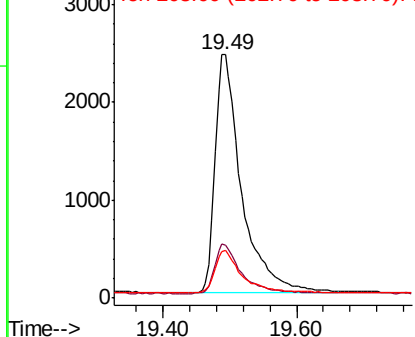


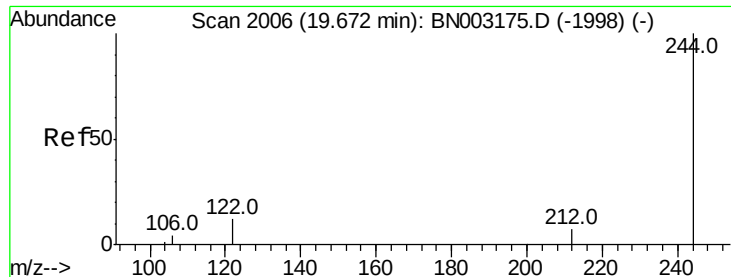
#28
Pyrene
Concen: 0.241 ng
RT: 19.49 min Scan# 1970
Delta R.T. 0.02 min
Lab File: BN003201.D
Acq: 18 Oct 2018 11:19

Tgt Ion:202 Resp: 6704
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 18.0 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: 0.315 ng

RT: 19.69 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

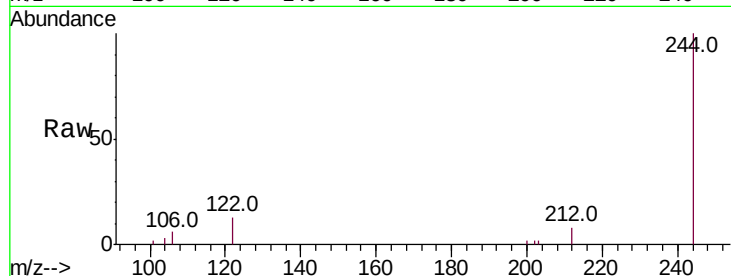
Tot Ion:244 Resp: 6805

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

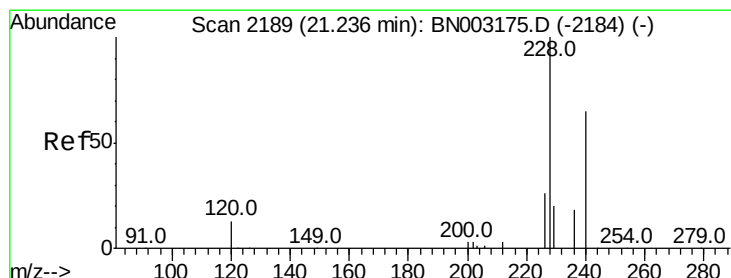
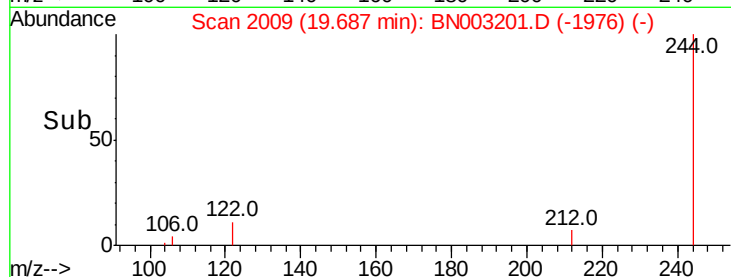
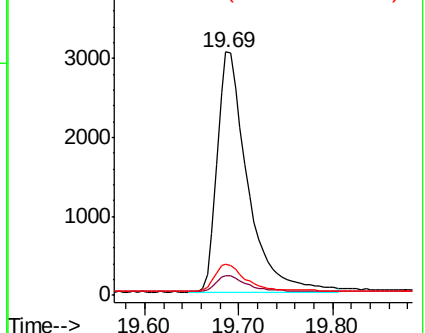
122 12.6 9.1 13.7



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: 0.243 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

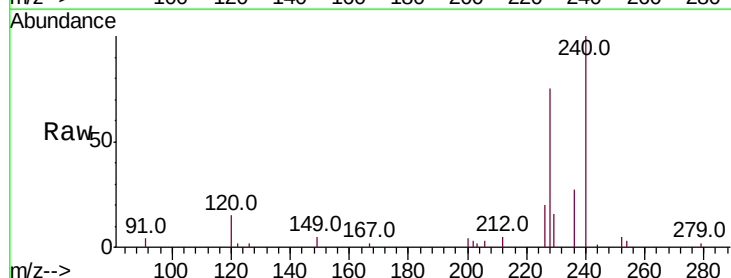
Tgt Ion:228 Resp: 6491

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

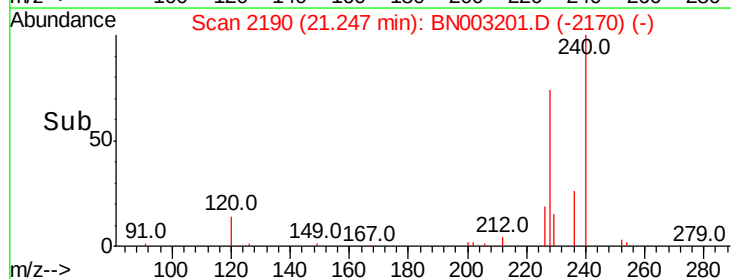
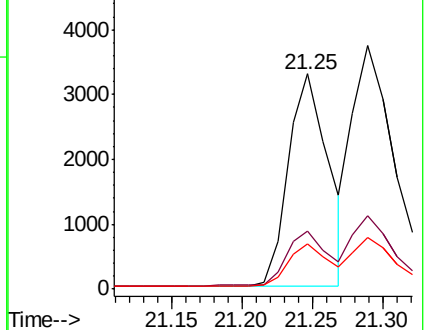
229 20.9 16.4 24.6

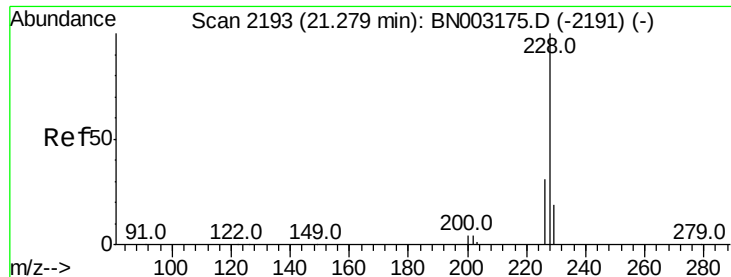


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.260 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

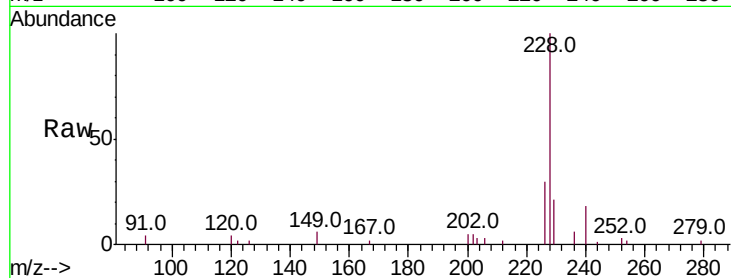
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 7963

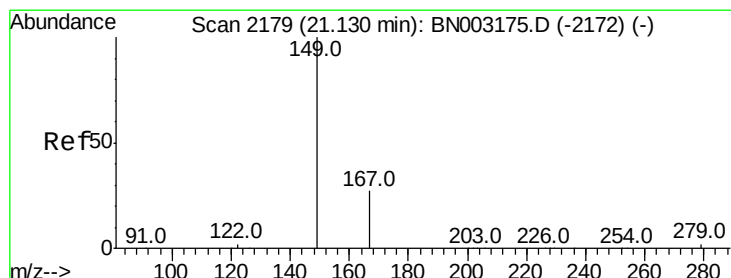
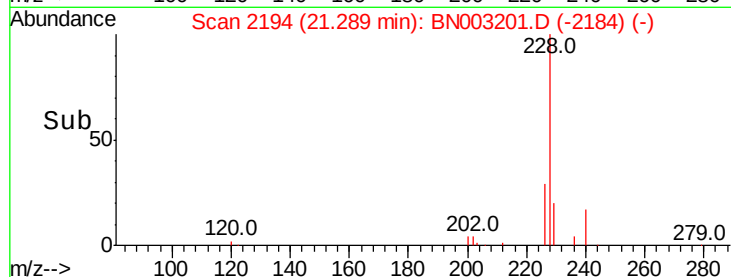
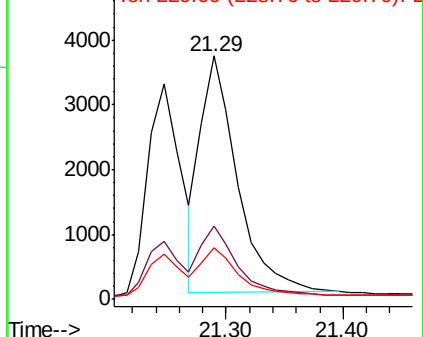
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.1	34.7
229	21.2	15.9	23.9



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: 0.217 ng

RT: 21.13 min Scan# 2179

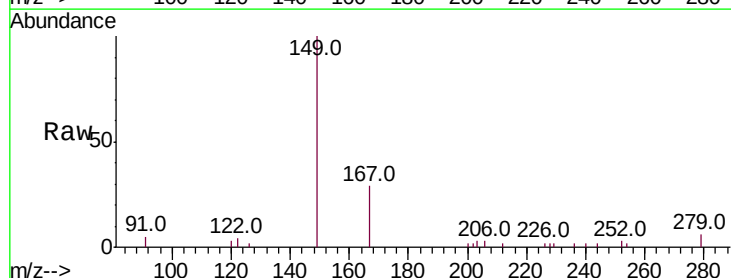
Delta R.T. 0.00 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Tgt Ion:149 Resp: 3431

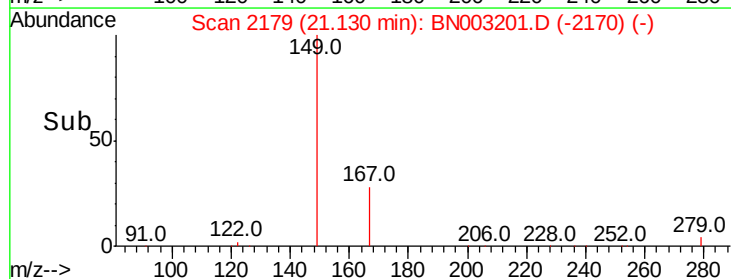
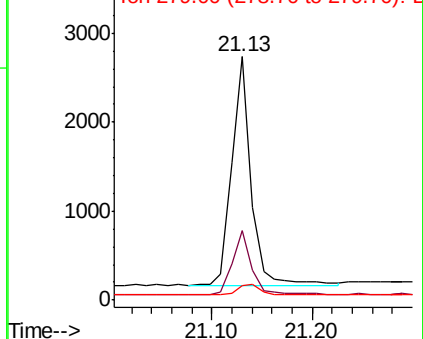
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	5.1	3.7	5.5

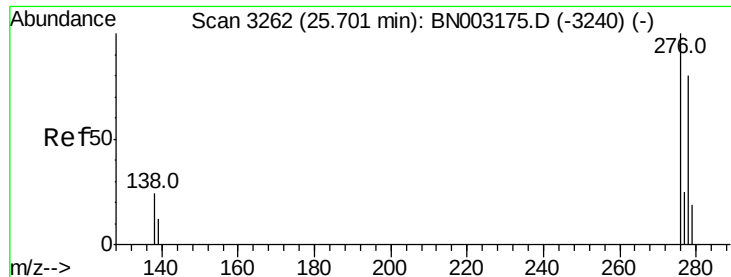


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

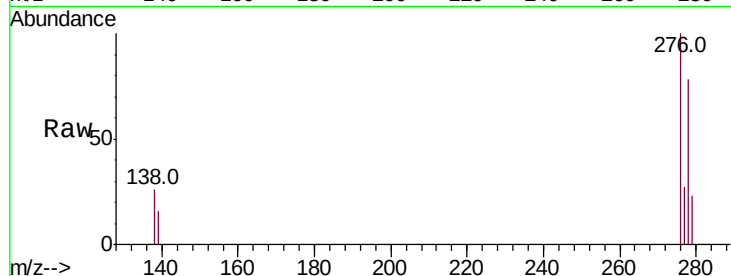




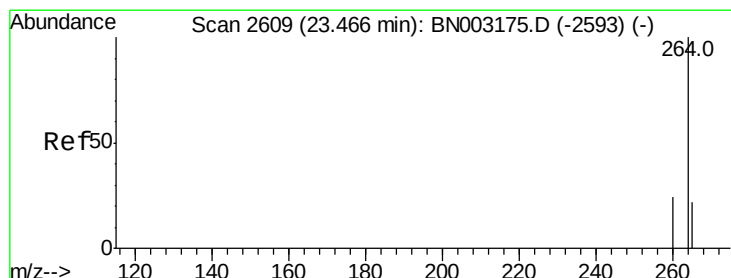
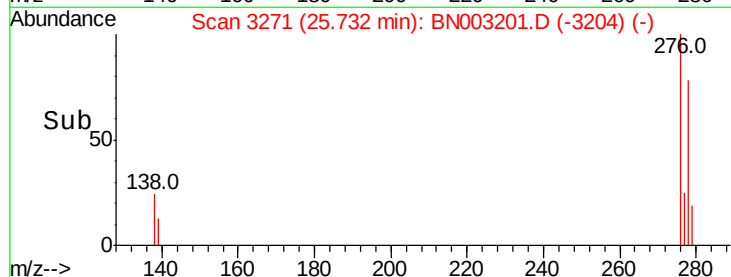
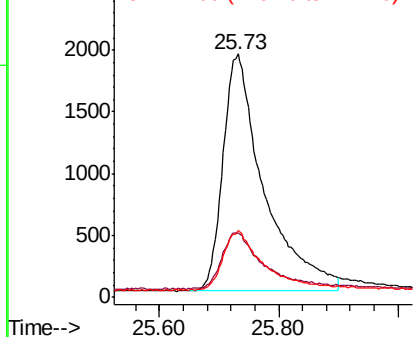
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.254 ng
 RT: 25.73 min Scan# 3271
 Delta R.T. 0.03 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:276 Resp: 9172
 Ion Ratio Lower Upper
 276 100
 138 24.4 18.2 27.4
 277 24.7 20.2 30.4

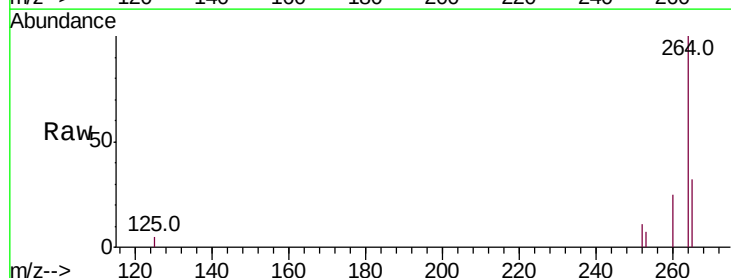


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

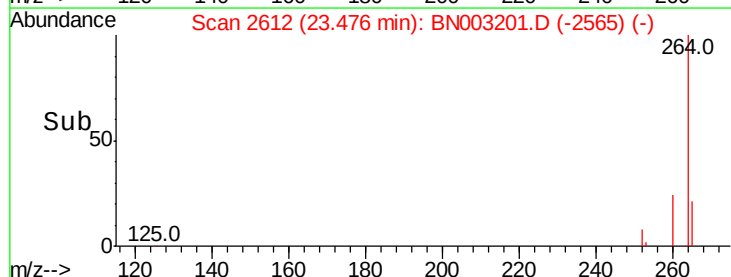
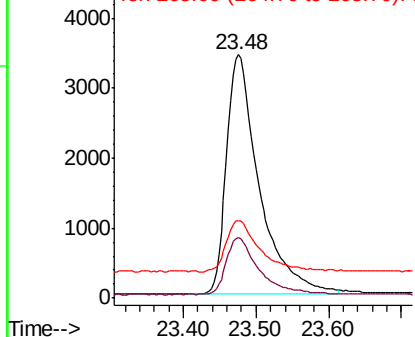


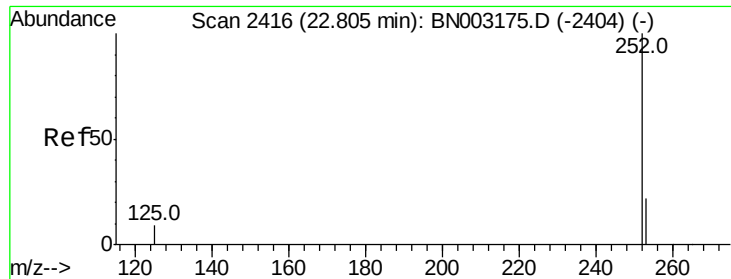
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BN003201.D
 Acq: 18 Oct 2018 11:19

Tgt Ion:264 Resp: 10702
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 31.8 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

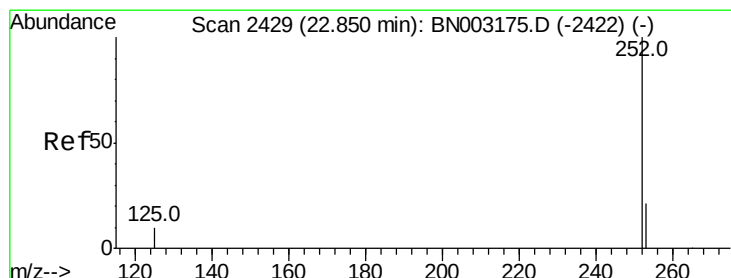
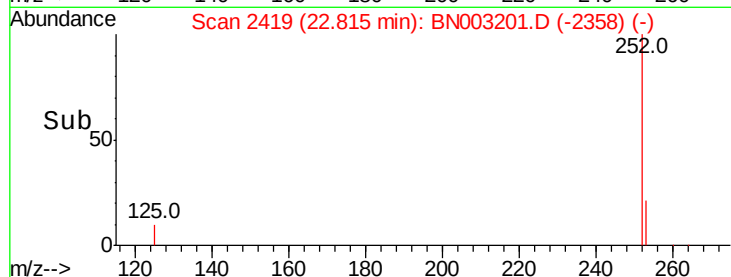
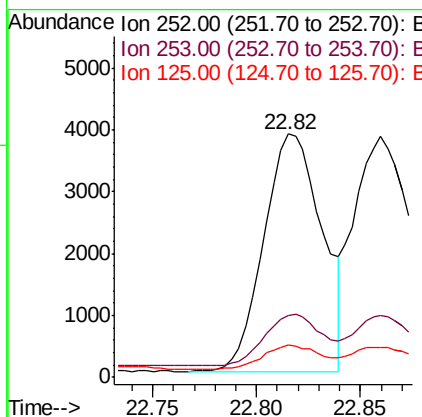
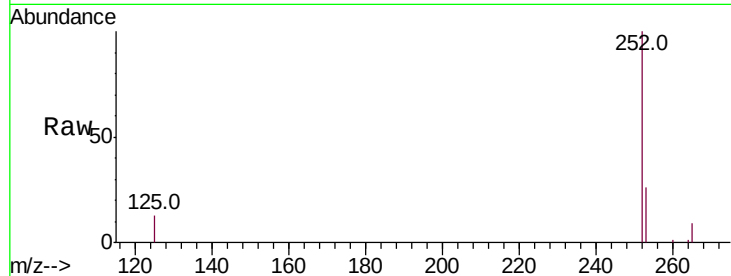




#35
Benzo(b)fluoranthene
Concen: 0.257 ng
RT: 22.82 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BN003201.D
Acq: 18 Oct 2018 11:19

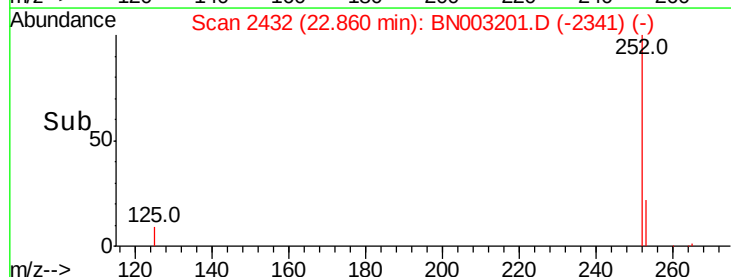
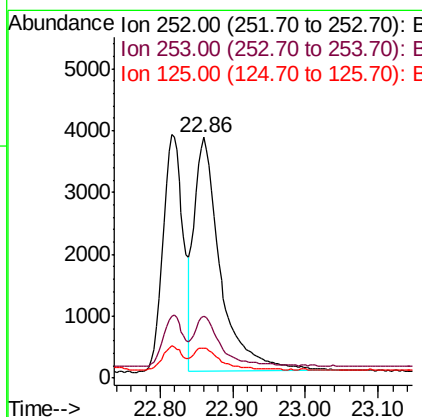
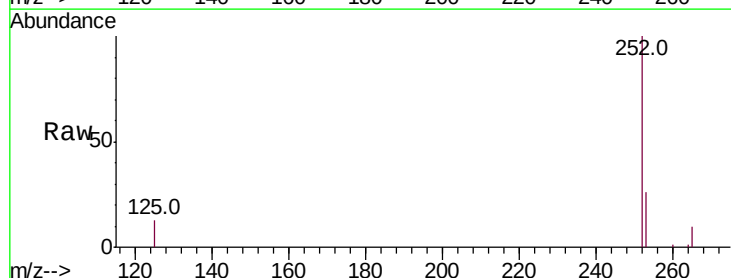
Instrument :
BNA_N
ClientSampled :

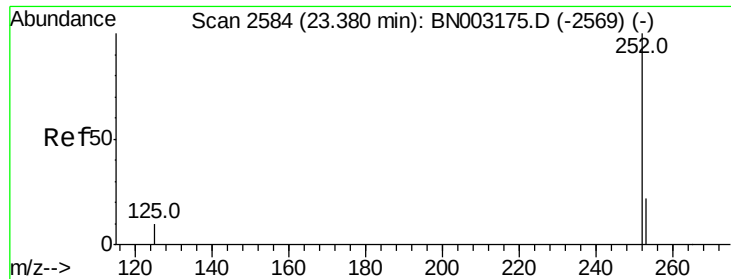
Tot Ion:252 Resp: 7441
Ion Ratio Lower Upper
252 100
253 25.6 20.8 31.2
125 13.2 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.276 ng
RT: 22.86 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BN003201.D
Acq: 18 Oct 2018 11:19

Tgt Ion:252 Resp: 9420
Ion Ratio Lower Upper
252 100
253 25.7 20.5 30.7
125 12.6 9.4 14.0





#37

Benzo(a)pyrene

Concen: 0.271 ng

RT: 23.39 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

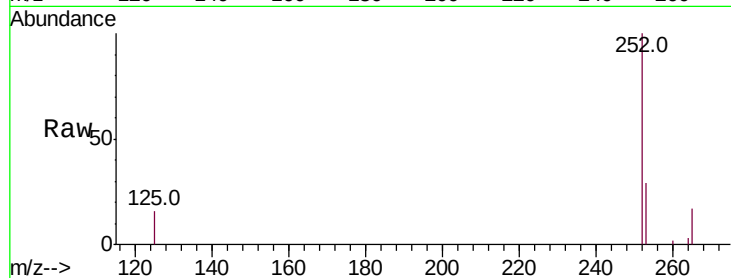
Tot Ion:252 Resp: 8061

Ion Ratio Lower Upper

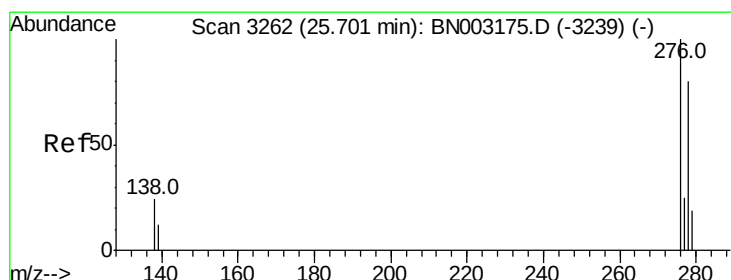
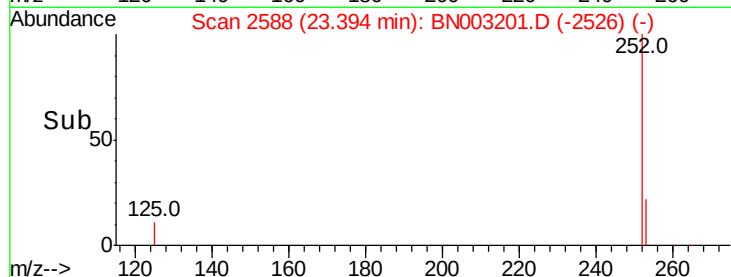
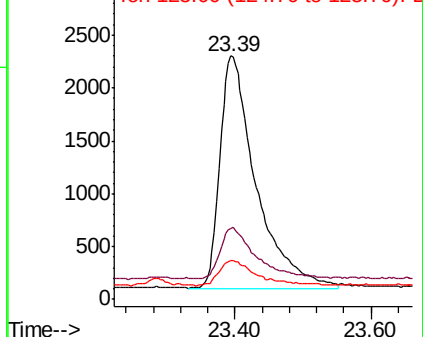
252 100

253 29.3 22.4 33.6

125 15.9 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: 0.247 ng

RT: 25.73 min Scan# 3271

Delta R.T. 0.03 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

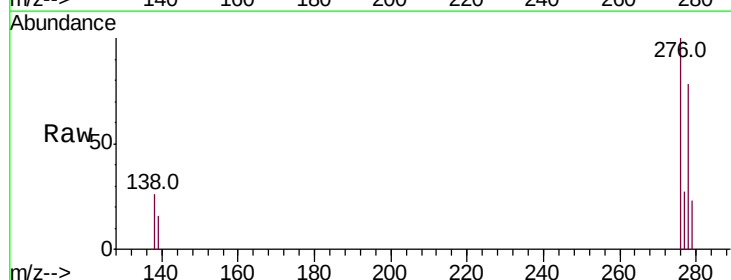
Tgt Ion:278 Resp: 7526

Ion Ratio Lower Upper

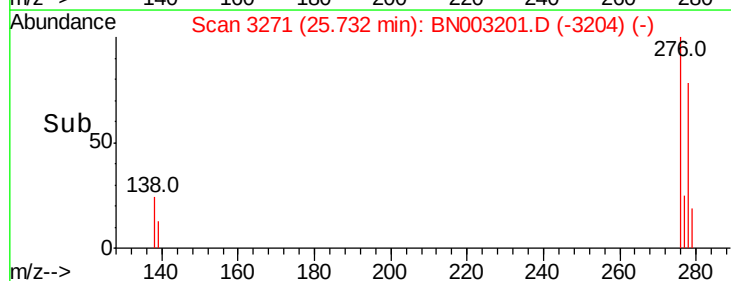
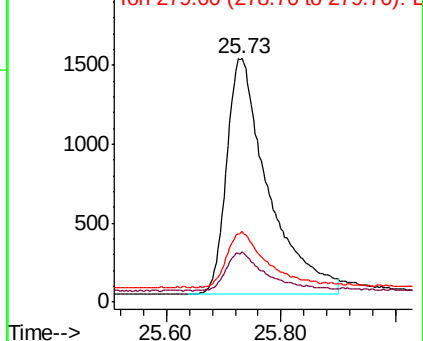
278 100

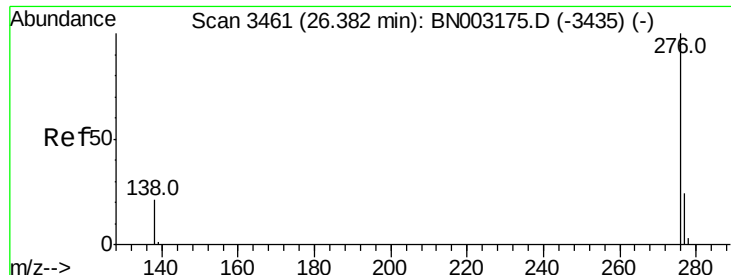
139 20.6 14.6 21.8

279 29.2 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(a,h,i)perylene

Concen: 0.258 ng

RT: 26.40 min Scan# 3466

Delta R.T. 0.02 min

Lab File: BN003201.D

Acq: 18 Oct 2018 11:19

Instrument :

BNA_N

ClientSampleId :

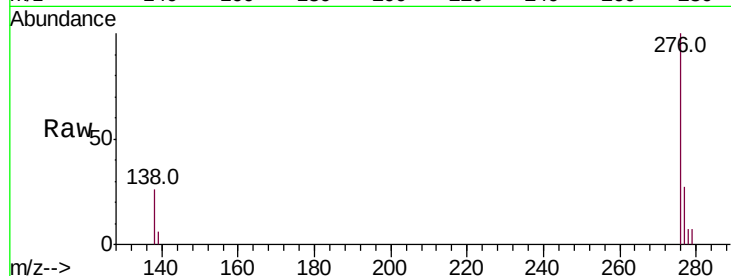
Tot Ion:276 Resp: 7918

Ion Ratio Lower Upper

276 100

277 27.0 21.0 31.4

138 25.6 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

