

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003174.D
 Acq On : 17 Oct 2018 10:09
 Operator : MJ/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 17 11:31:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 11:27:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	837	0.40	ng	0.02
7) Naphthalene-d8	10.47	136	3844	0.40	ng	0.04
13) Acenaphthene-d10	14.29	164	2734	0.40	ng	0.01
19) Phenanthrene-d10	17.06	188	7195	0.40	ng	0.01
27) Chrysene-d12	21.25	240	9209	0.40	ng	0.00
34) Perylene-d12	23.47	264	10065	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	352	0.17	ng	0.02
5) Phenol-d6	7.02	99	185	0.07	ng	0.09
8) Nitrobenzene-d5	8.97	82	373	0.16	ng	0.10
11) 2-Methylnaphthalene-d10	12.09	152	1312	0.23	ng	0.05
14) 2,4,6-Tribromophenol	15.85	330	359	0.25	ng	0.02
15) 2-Fluorobiphenyl	12.96	172	2310	0.23	ng	0.03
25) Fluoranthene-d10	19.09	212	4633	0.25	ng	0.00
29) Terphenyl-d14	19.68	244	4219	0.21	ng	0.00

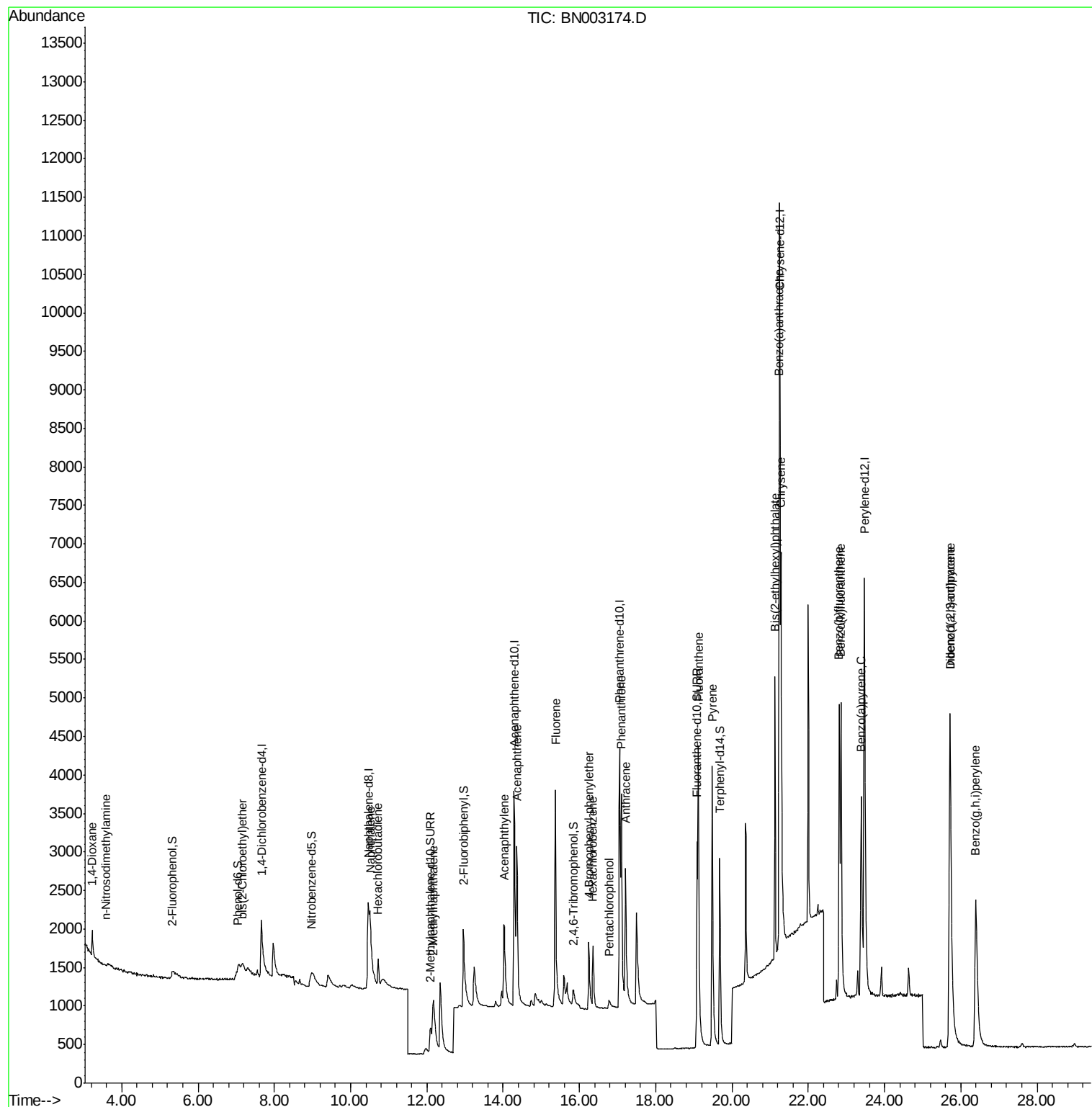
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	301	0.323	ng	96
3) n-Nitrosodimethylamine	3.60	42	15	0.032	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	355	0.153	ng	99
9) Naphthalene	10.52	128	1989	0.227	ng	# 80
10) Hexachlorobutadiene	10.72	225	398	0.230	ng	# 97
12) 2-Methylnaphthalene	12.18	142	1309	0.218	ng	93
16) Acenaphthylene	14.02	152	2447	0.216	ng	100
17) Acenaphthene	14.35	154	1697	0.224	ng	99
18) Fluorene	15.37	166	2212	0.233	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	740	0.189	ng	99
21) Hexachlorobenzene	16.36	284	916	0.217	ng	97
22) Pentachlorophenol	16.77	266	136	0.154	ng	88
23) Phenanthrene	17.10	178	3750	0.211	ng	99
24) Anthracene	17.21	178	3412	0.217	ng	98
26) Fluoranthene	19.12	202	4980	0.247	ng	99
28) Pyrene	19.48	202	5294	0.196	ng	100
30) Benzo(a)anthracene	21.24	228	5181	0.241	ng	98
31) Chrysene	21.29	228	5849	0.218	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	3424	0.237	ng	97
33) Indeno(1,2,3-cd)pyrene	25.72	276	7078	0.310	ng	98
35) Benzo(b)fluoranthene	22.81	252	5536	0.197	ng	# 95
36) Benzo(k)fluoranthene	22.86	252	6634	0.216	ng	# 93
37) Benzo(a)pyrene	23.39	252	5815	0.223	ng	# 92
38) Dibenzo(a,h)anthracene	25.72	278	5919	0.249	ng	# 95
39) Benzo(g,h,i)perylene	26.39	276	6052	0.249	ng	96

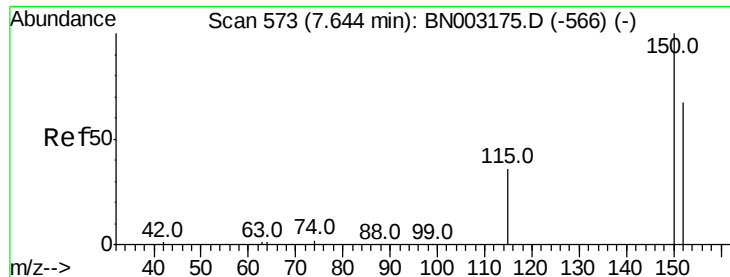
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampled :

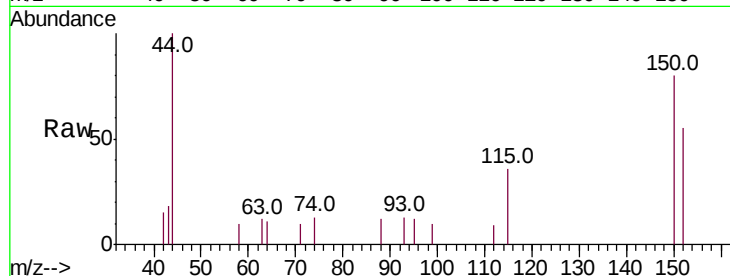
Tot Ion:152 Resp: 837

Ion Ratio Lower Upper

152 100

150 144.5 126.2 189.4

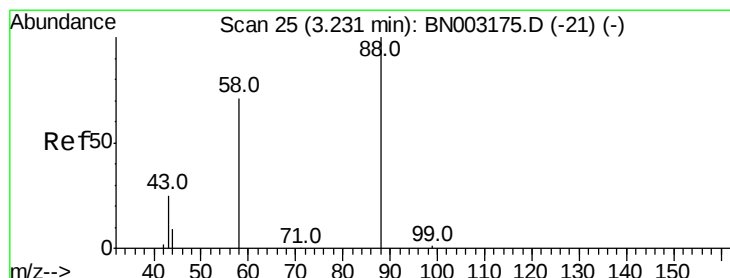
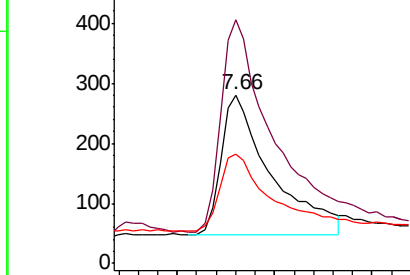
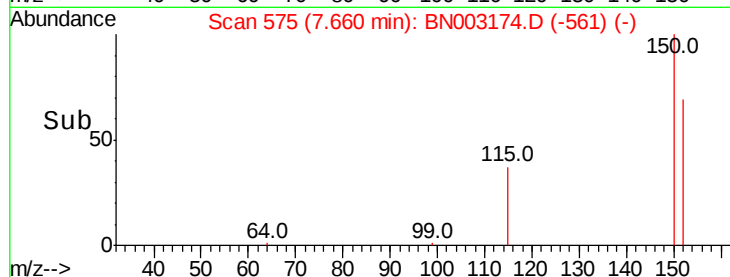
115 65.1 49.8 74.6



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: 0.323 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

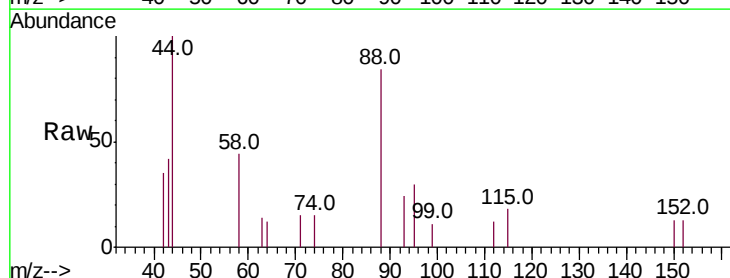
Tgt Ion: 88 Resp: 301

Ion Ratio Lower Upper

88 100

58 80.4 66.7 100.1

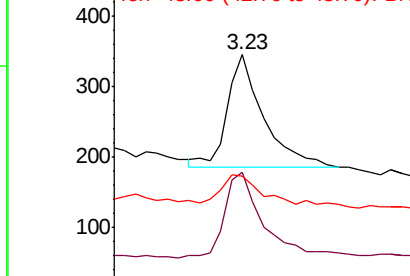
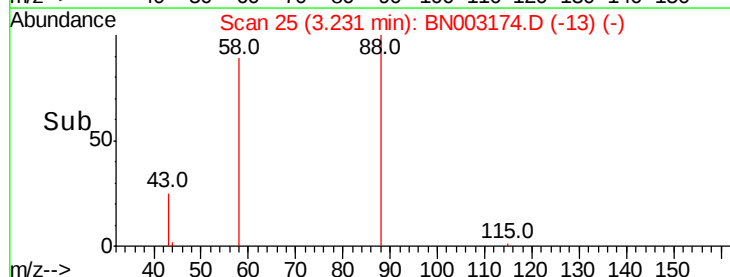
43 26.9 24.6 37.0

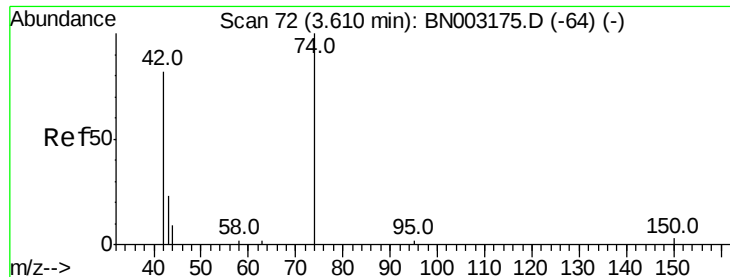


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.60 min Scan# 71

Delta R.T. -0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampled :

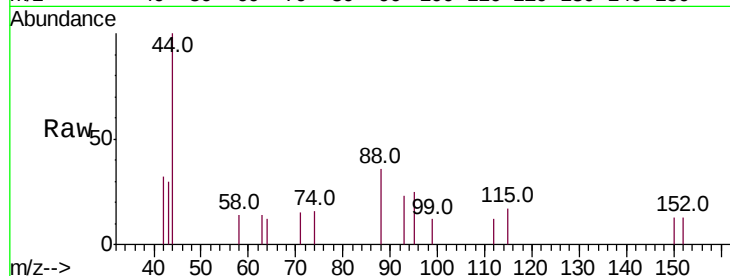
Tot Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 0.0 102.9 154.3#

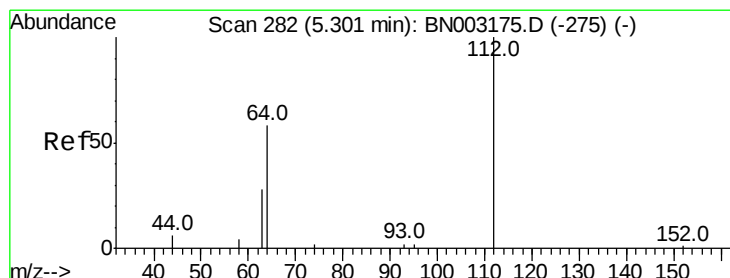
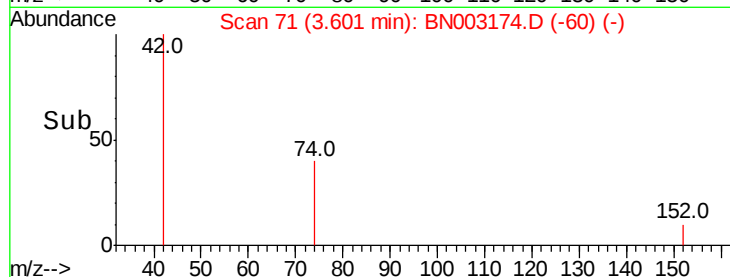
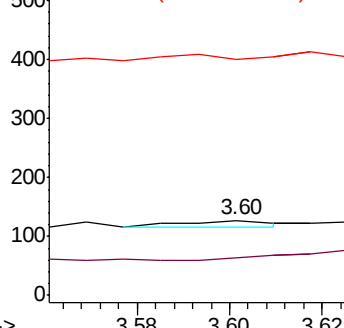
44 46.7 0.0 0.0#



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: 0.172 ng

RT: 5.32 min Scan# 285

Delta R.T. 0.02 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

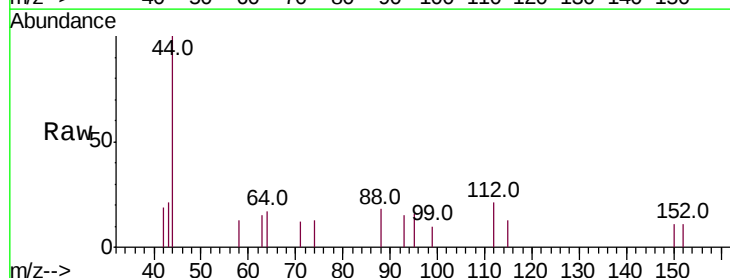
Tgt Ion: 112 Resp: 352

Ion Ratio Lower Upper

112 100

64 58.2 49.0 73.4

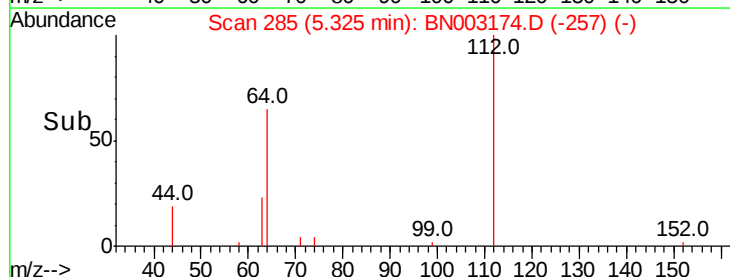
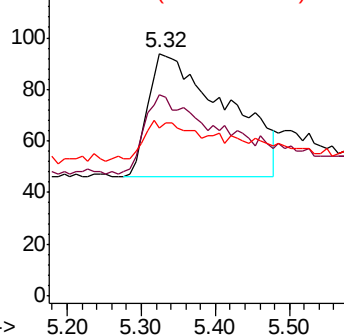
63 8.0 25.9 38.9#

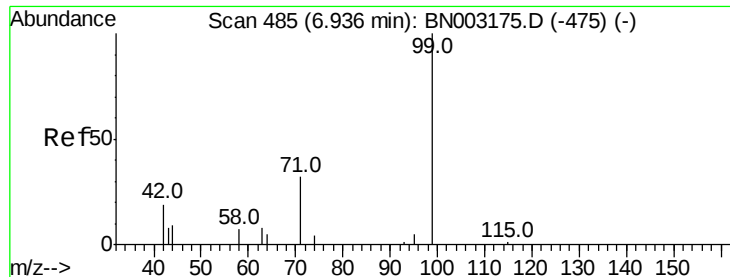


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.071 ng

RT: 7.02 min Scan# 496

Delta R.T. 0.09 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampled :

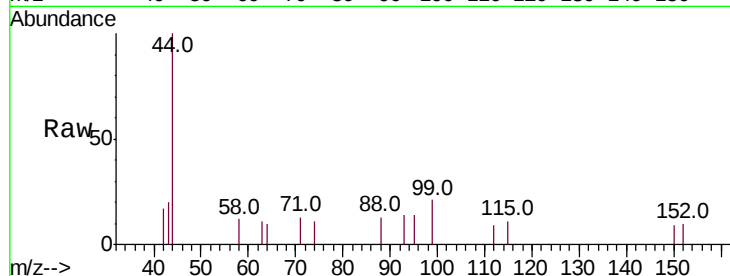
Tot Ion: 99 Resp: 185

Ion Ratio Lower Upper

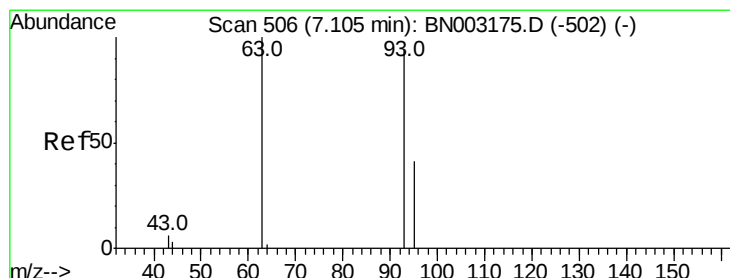
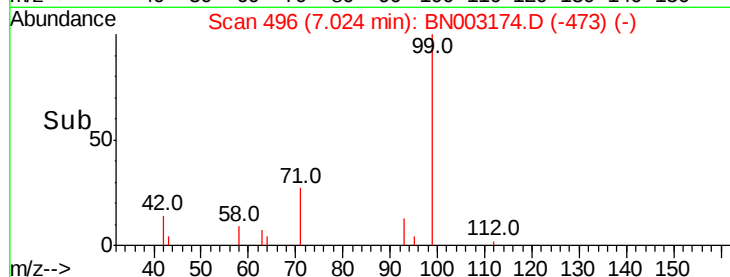
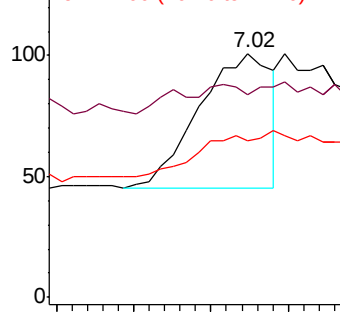
99 100

42 4.3 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: 0.153 ng

RT: 7.16 min Scan# 513

Delta R.T. 0.06 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

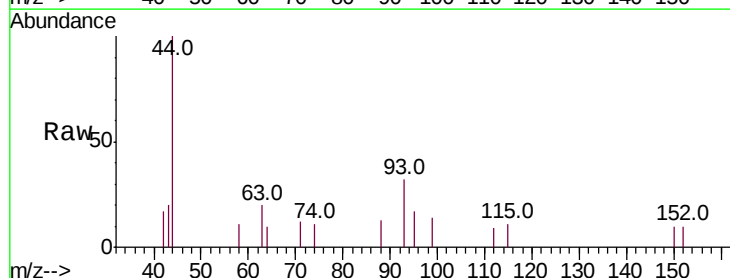
Tgt Ion: 93 Resp: 355

Ion Ratio Lower Upper

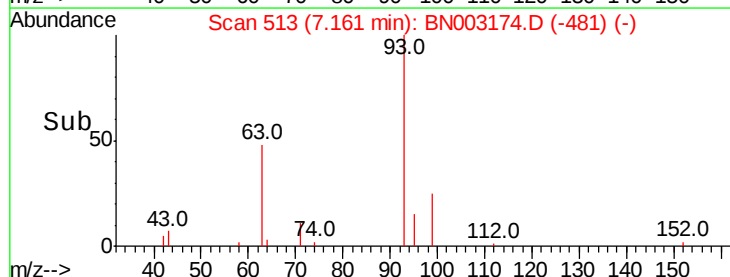
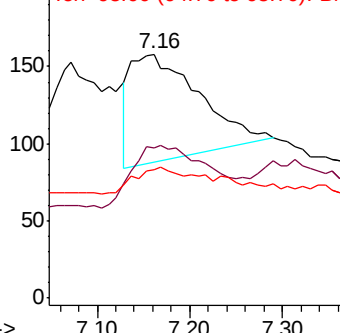
93 100

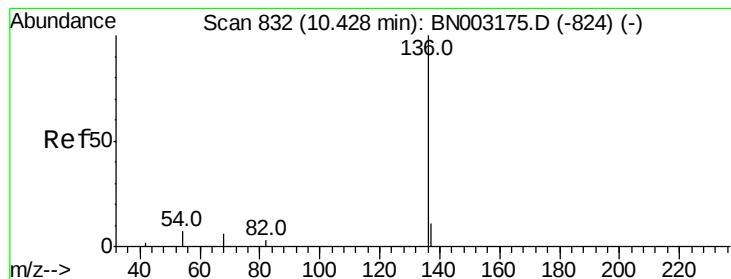
63 67.0 54.2 81.4

95 30.4 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: 10.47 min Scan# 835

Delta R.T. 0.04 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 3844

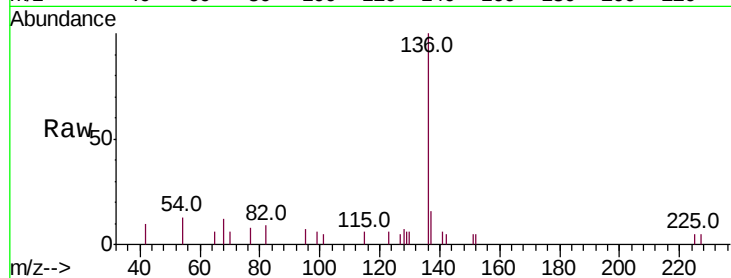
Ion Ratio Lower Upper

136 100

137 15.8 9.4 14.0#

54 13.5 7.4 11.0#

68 11.7 5.8 8.6#

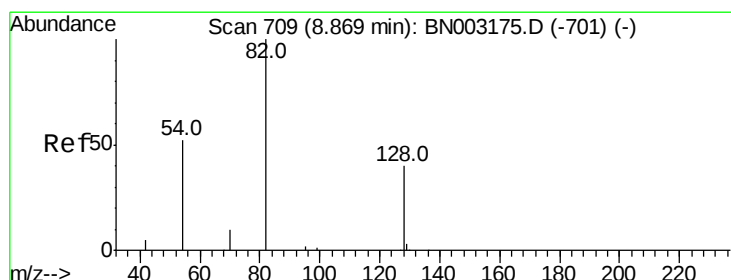
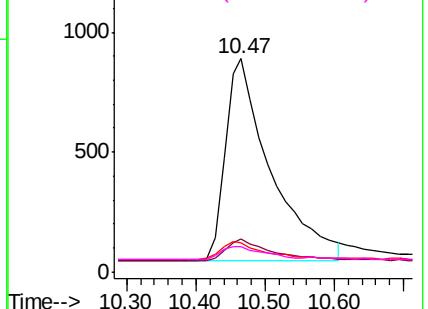
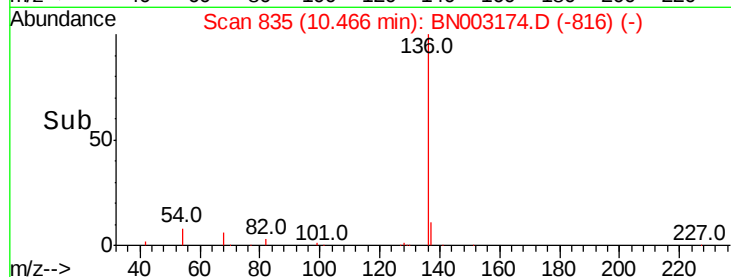


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.158 ng

RT: 8.97 min Scan# 717

Delta R.T. 0.10 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

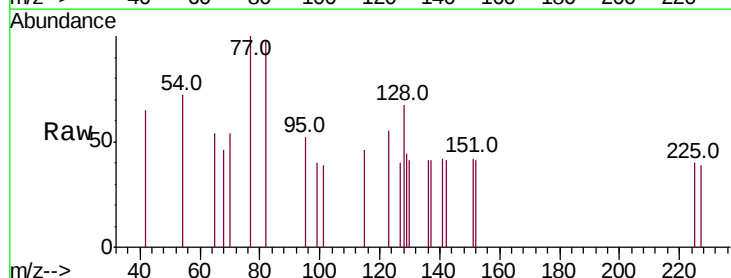
Tgt Ion: 82 Resp: 373

Ion Ratio Lower Upper

82 100

128 67.9 38.2 57.4#

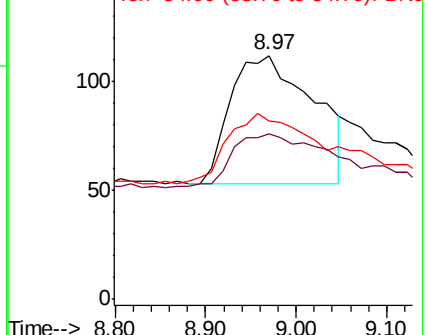
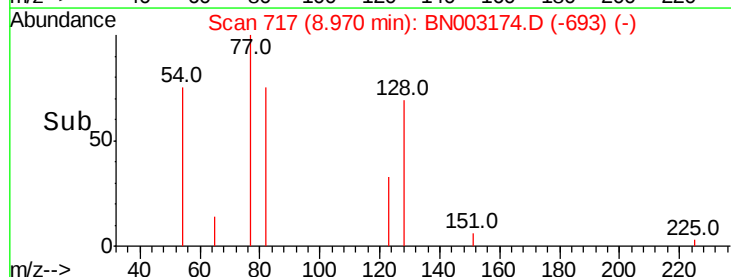
54 73.2 44.1 66.1#

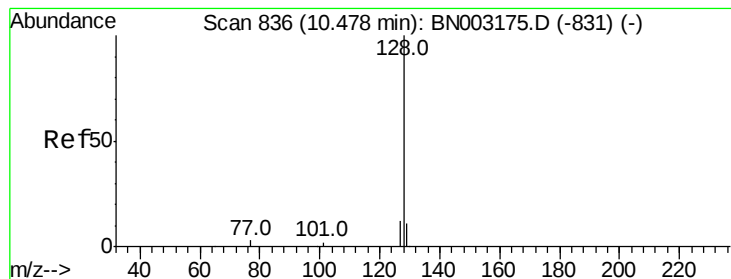


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.227 ng

RT: 10.52 min Scan# 839

Delta R.T. 0.04 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :

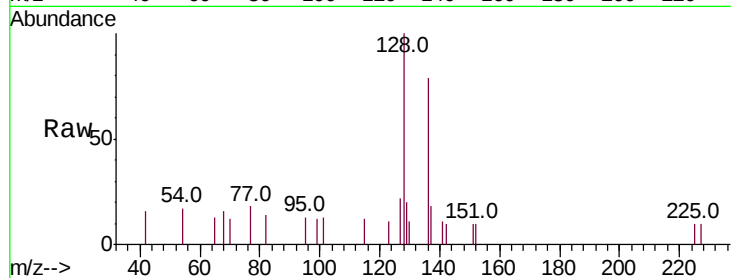
Tot Ion:128 Resp: 1989

Ion Ratio Lower Upper

128 100

129 20.4 9.8 14.6#

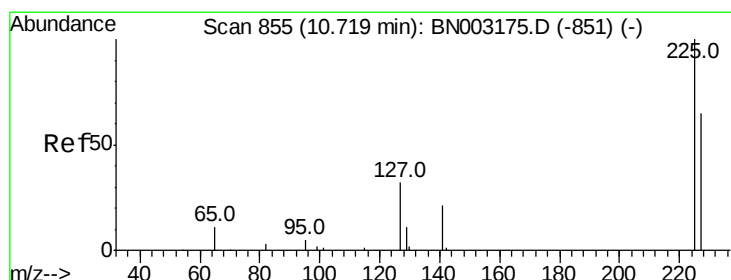
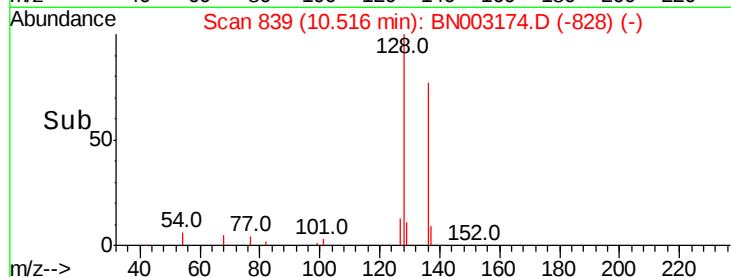
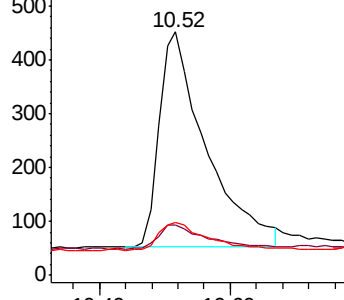
127 21.9 11.4 17.2#



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: 0.230 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

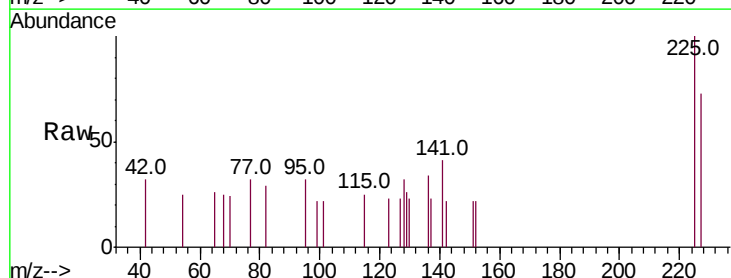
Tgt Ion:225 Resp: 398

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

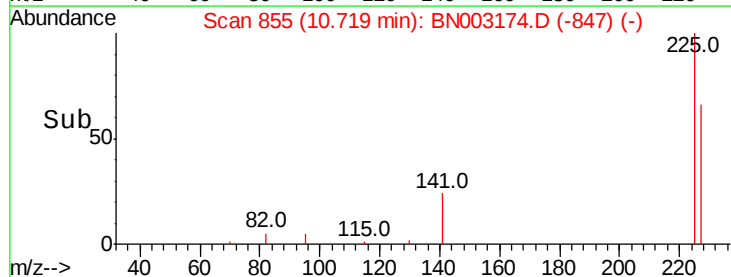
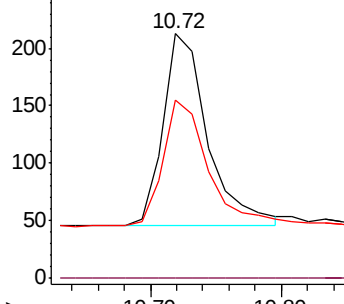
227 66.8 51.8 77.8

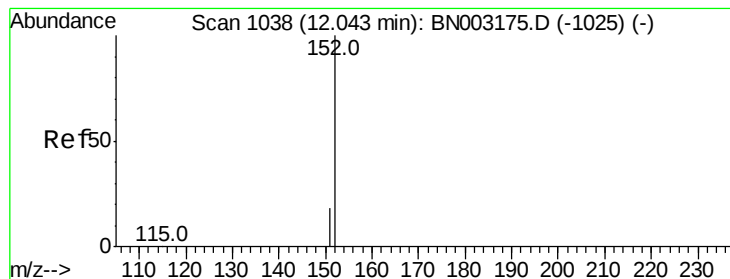


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

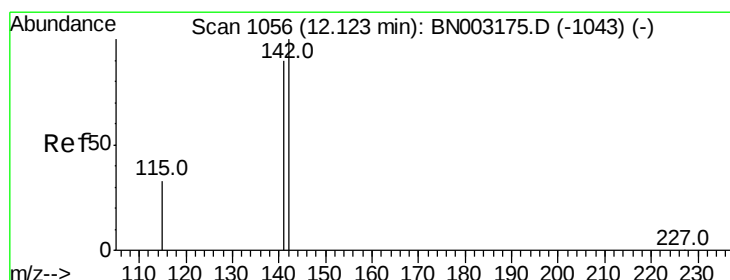
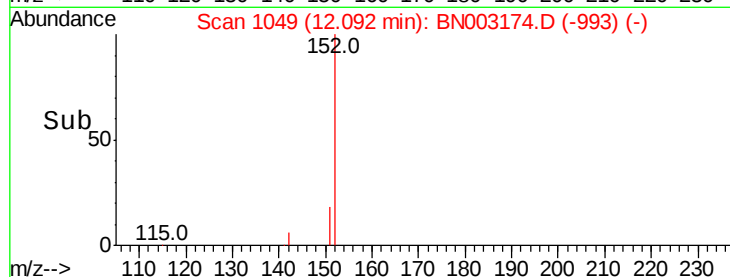
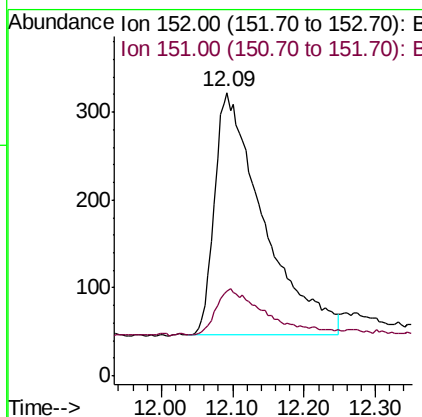
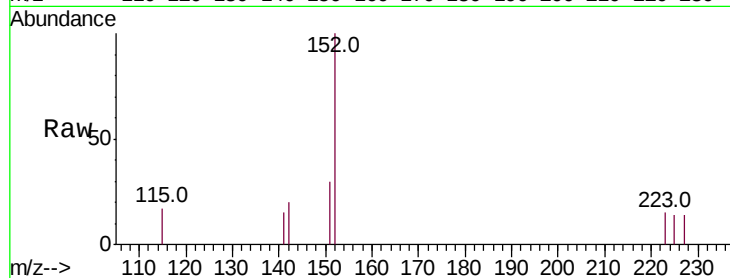




#11
 2-Methylnaphthalene-d10
 Concen: 0.232 ng
 RT: 12.09 min Scan# 1049
 Delta R.T. 0.05 min
 Lab File: BN003174.D
 Acq: 17 Oct 2018 10:09

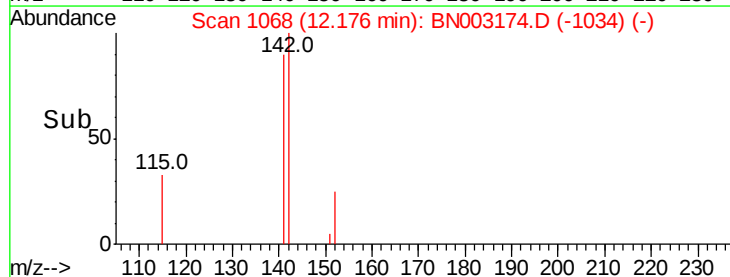
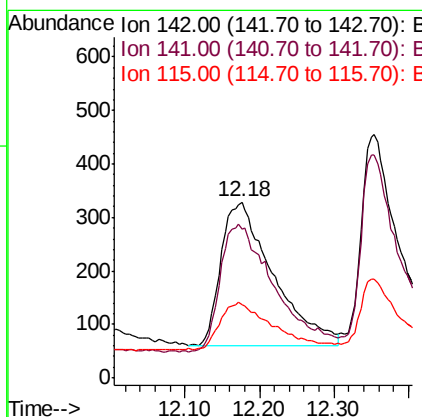
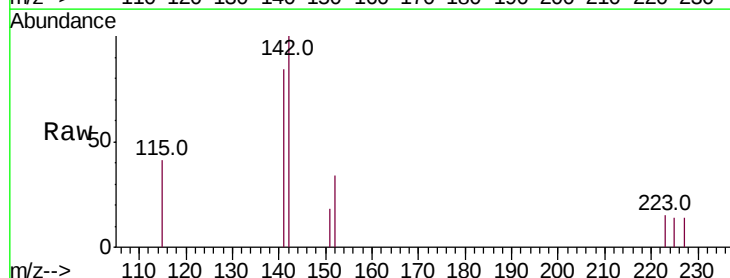
Instrument :
 BNA_N
 ClientSampleId :

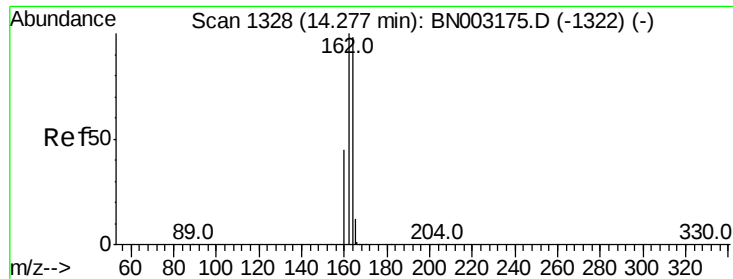
Tot Ion:152 Resp: 1312
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.218 ng
 RT: 12.18 min Scan# 1068
 Delta R.T. 0.05 min
 Lab File: BN003174.D
 Acq: 17 Oct 2018 10:09

Tgt Ion:142 Resp: 1309
 Ion Ratio Lower Upper
 142 100
 141 84.2 71.5 107.3
 115 41.3 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.29 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :

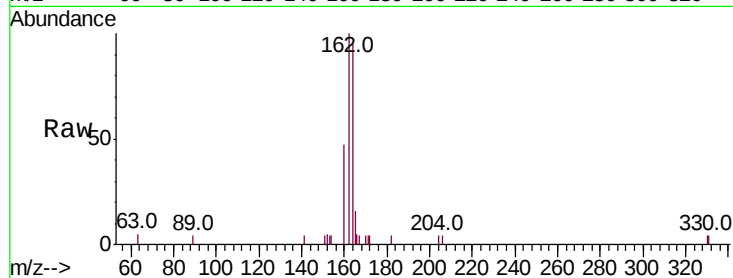
Tot Ion:164 Resp: 2734

Ion Ratio Lower Upper

164 100

162 105.0 81.7 122.5

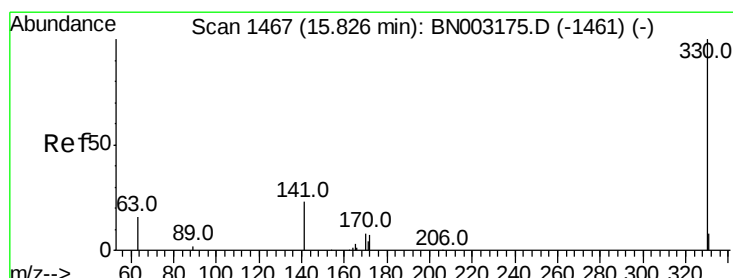
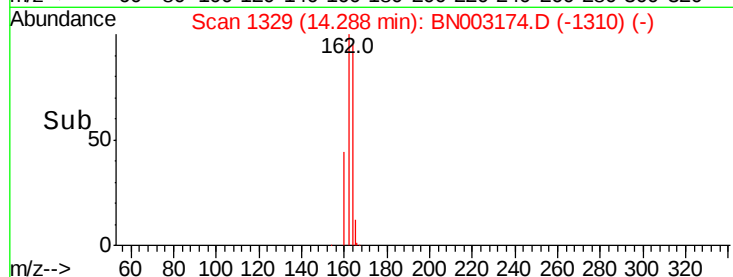
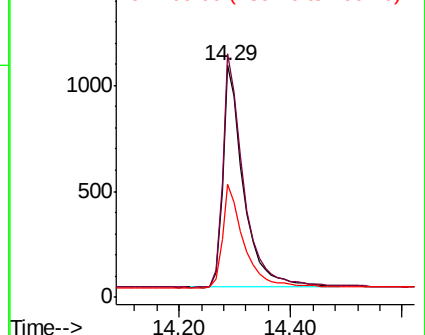
160 48.9 36.3 54.5



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: 0.255 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.02 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

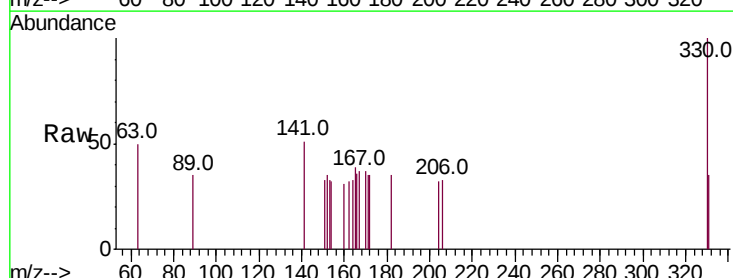
Tgt Ion:330 Resp: 359

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

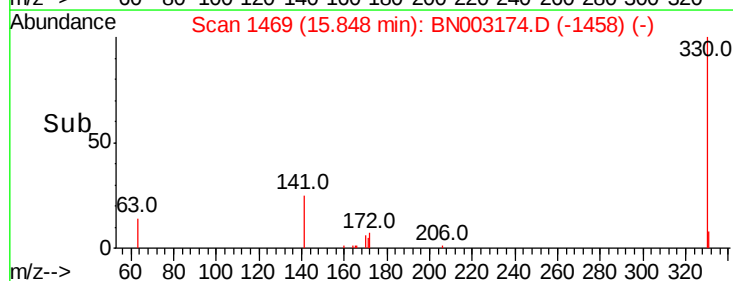
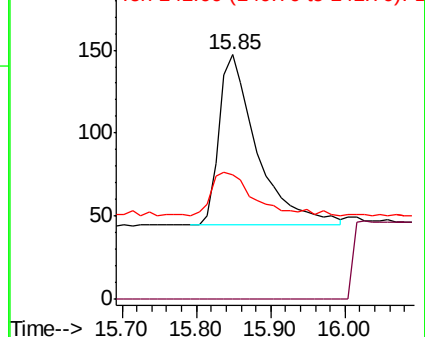
141 27.6 22.6 33.8

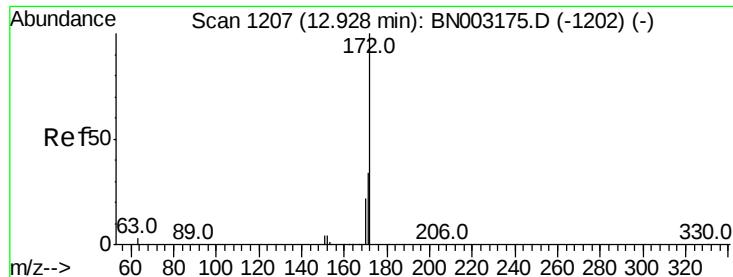


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

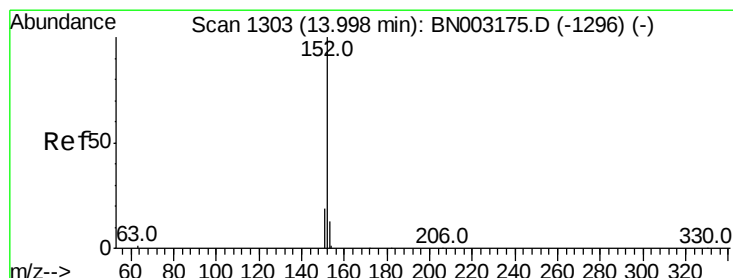
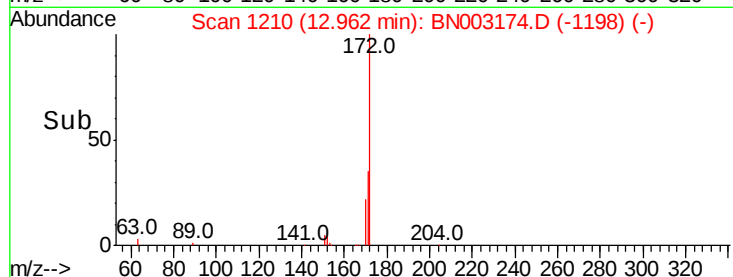
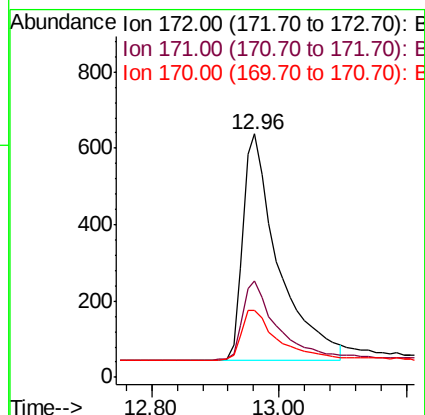
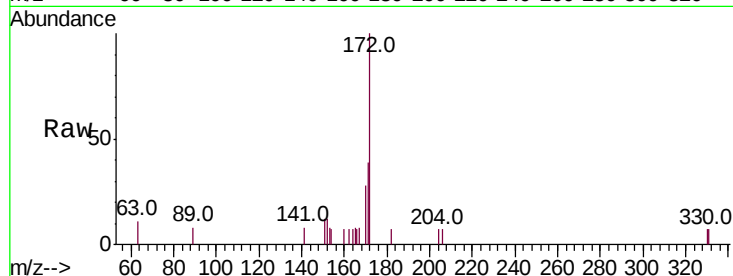




#15
 2-Fluorobiphenyl
 Concen: 0.233 ng
 RT: 12.96 min Scan# 1210
 Delta R.T. 0.03 min
 Lab File: BN003174.D
 Acq: 17 Oct 2018 10:09

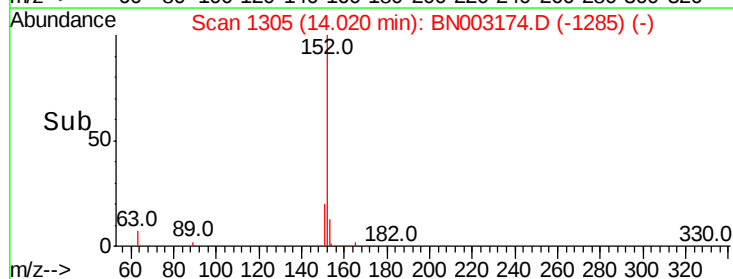
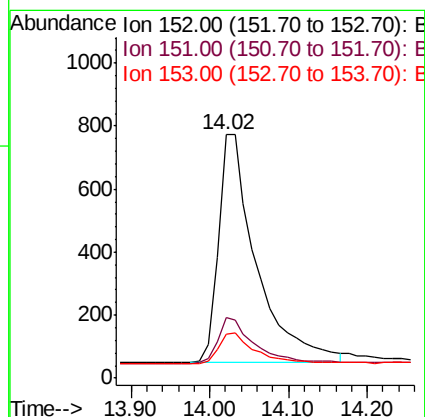
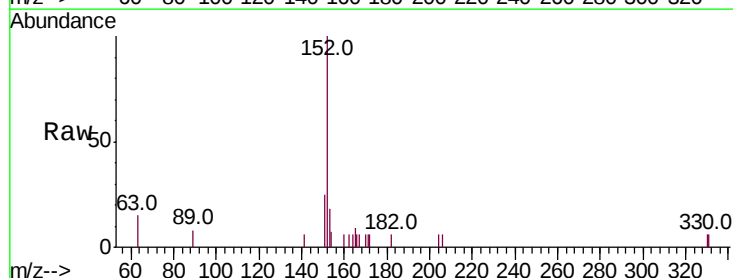
Instrument :
 BNA_N
 ClientSampleId :

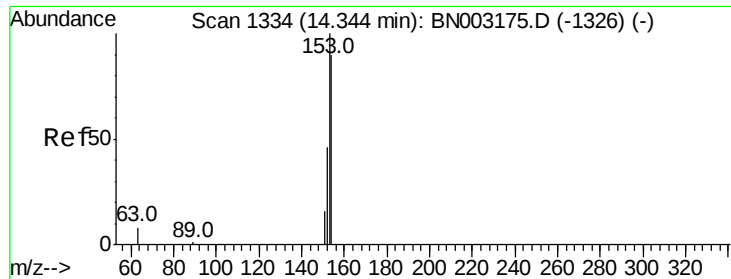
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	28.6	43.0
170	27.6	18.6	27.8



#16
 Acenaphthylene
 Concen: 0.216 ng
 RT: 14.02 min Scan# 1305
 Delta R.T. 0.02 min
 Lab File: BN003174.D
 Acq: 17 Oct 2018 10:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.4	10.6	16.0





#17

Acenaphthene

Concen: 0.224 ng

RT: 14.35 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

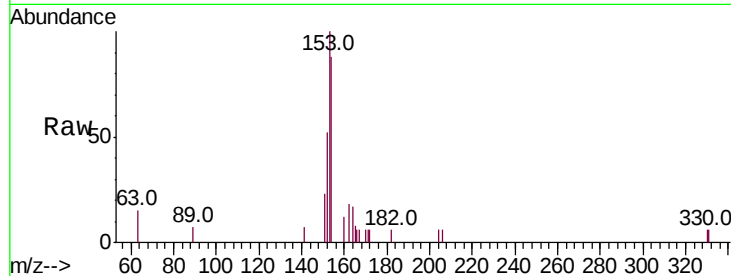
Instrument :

BNA_N

ClientSampled :

Tot Ion:154 Resp: 1697

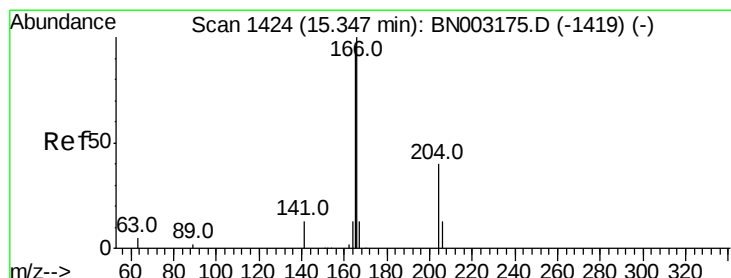
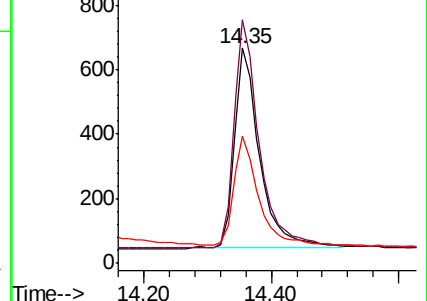
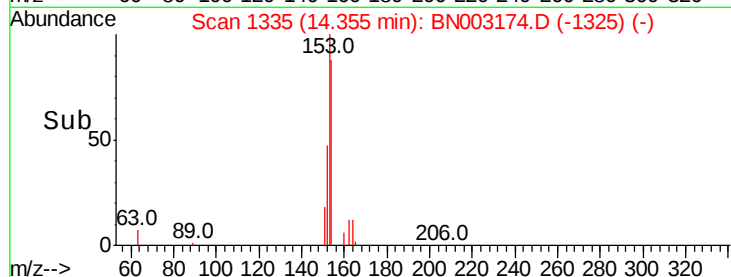
Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.0	136.4
152	53.6	43.8	65.6



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: 0.233 ng

RT: 15.37 min Scan# 1426

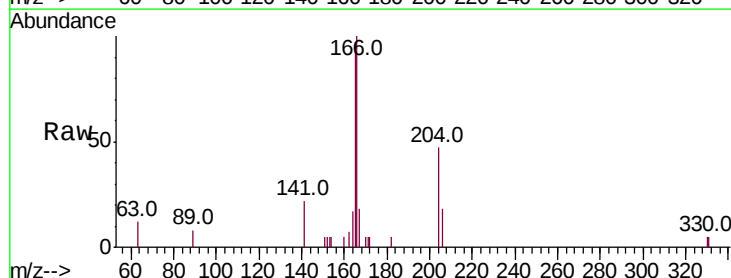
Delta R.T. 0.02 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Tgt Ion:166 Resp: 2212

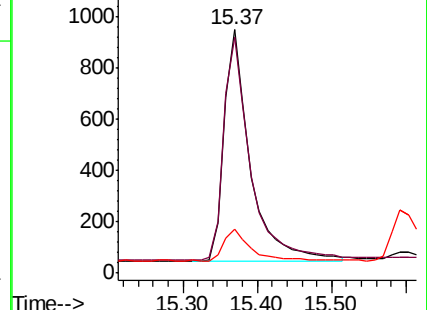
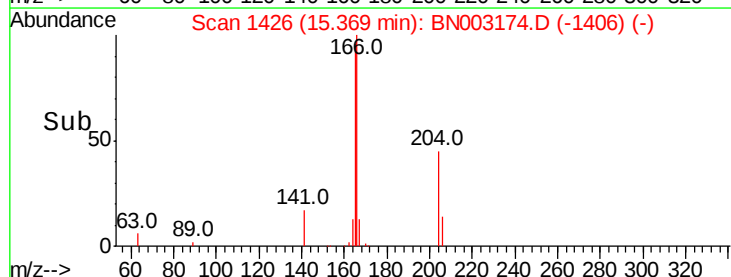
Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.2
167	14.1	10.7	16.1

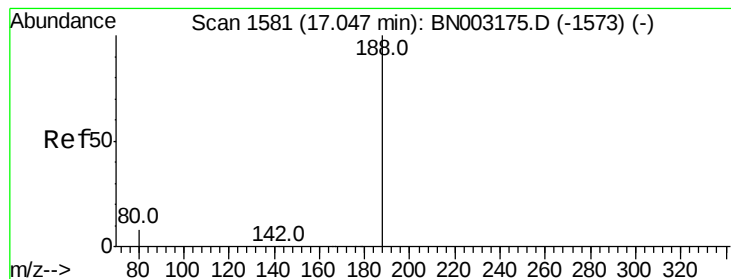


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :

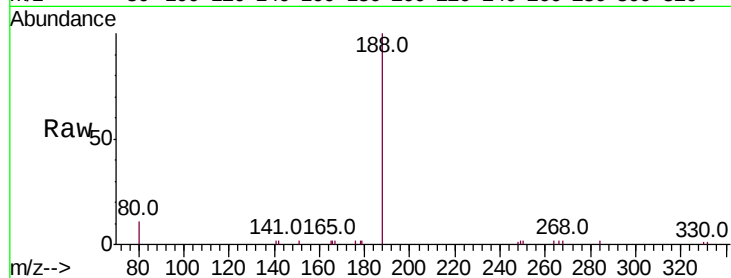
Tot Ion:188 Resp: 7195

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

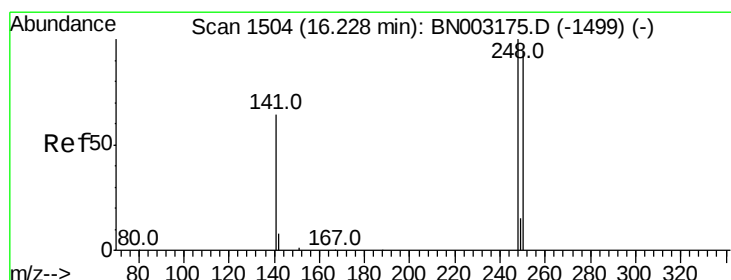
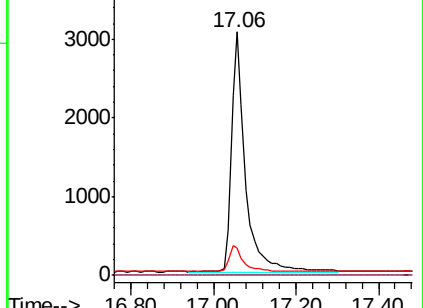
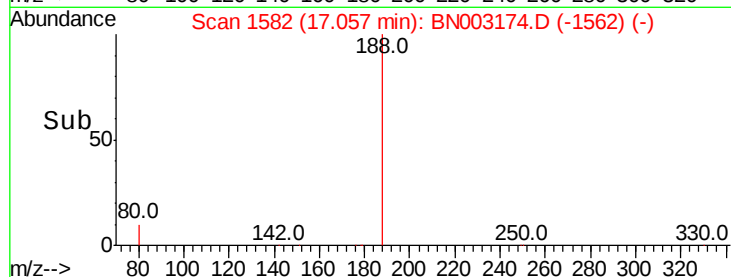
80 11.4 6.7 10.1#



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: 0.189 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.02 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

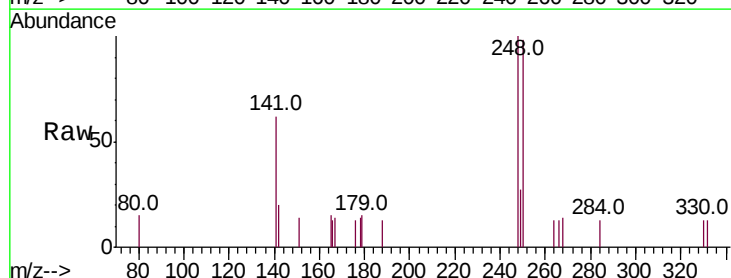
Tgt Ion:248 Resp: 740

Ion Ratio Lower Upper

248 100

250 98.0 78.9 118.3

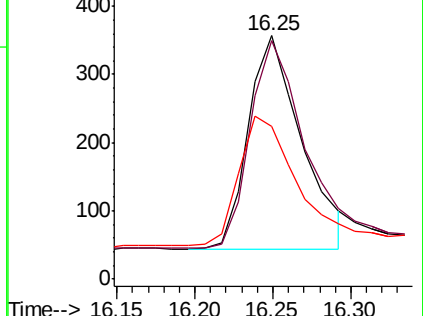
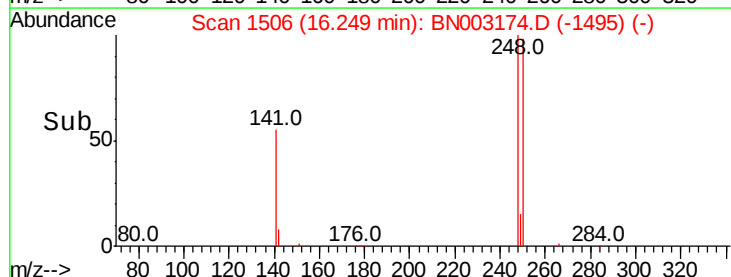
141 62.5 48.5 72.7

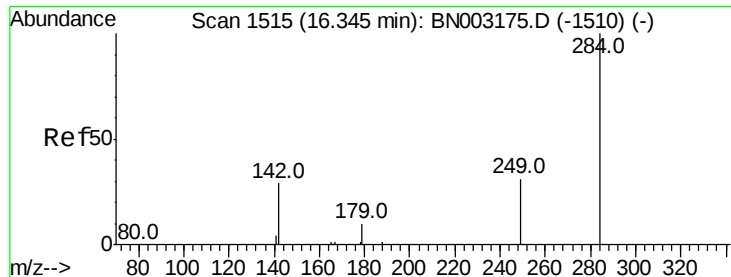


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.217 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

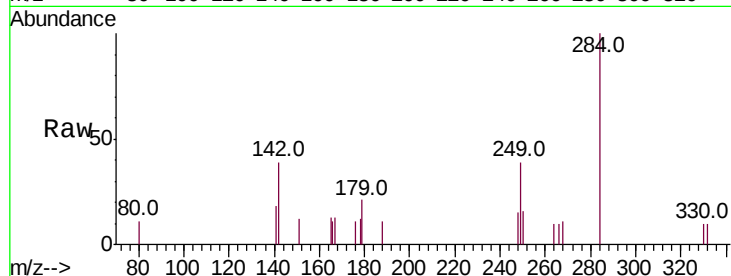
Instrument :

BNA_N

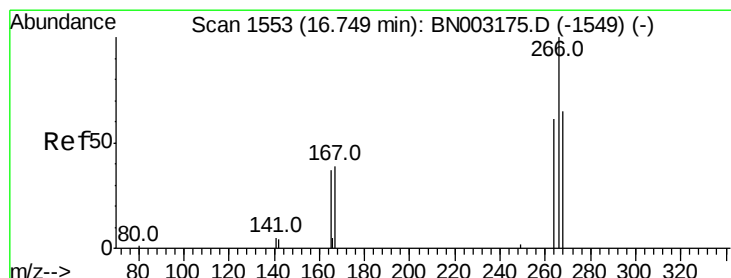
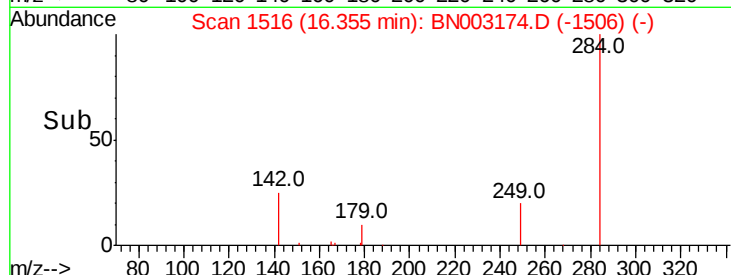
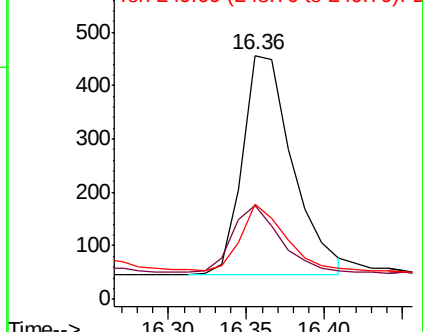
ClientSampleId :

Tot Ion:284 Resp: 916

Ion	Ratio	Lower	Upper
284	100		
142	28.9	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: 0.154 ng

RT: 16.77 min Scan# 1555

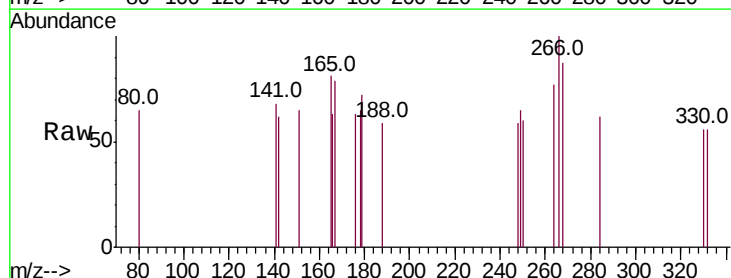
Delta R.T. 0.02 min

Lab File: BN003174.D

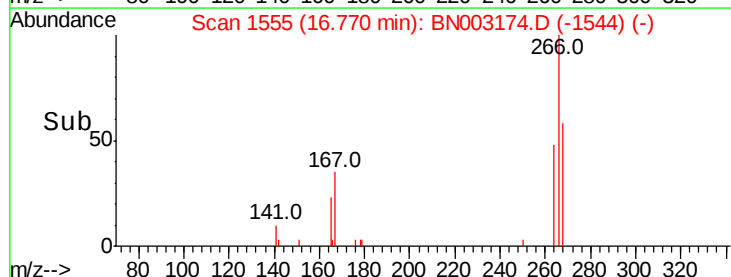
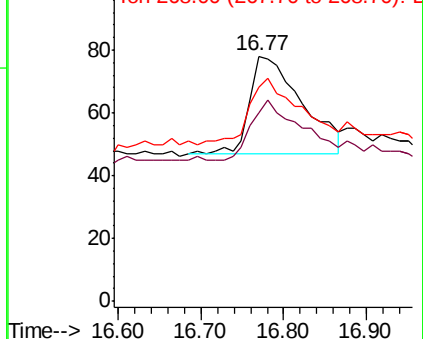
Acq: 17 Oct 2018 10:09

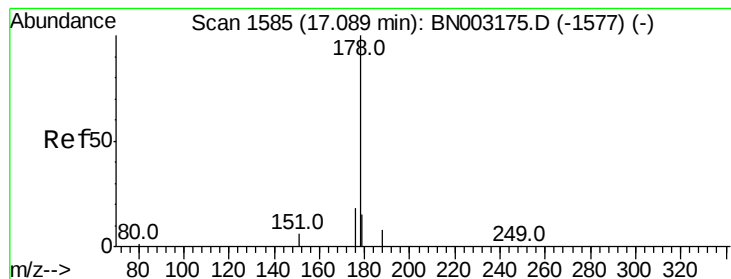
Tgt Ion:266 Resp: 136

Ion	Ratio	Lower	Upper
266	100		
264	76.9	55.0	82.4
268	87.2	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: 0.211 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :

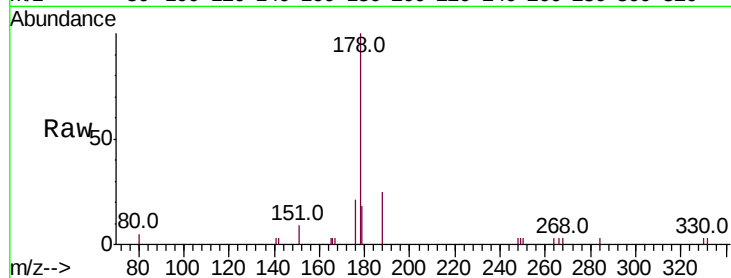
Tot Ion:178 Resp: 3750

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

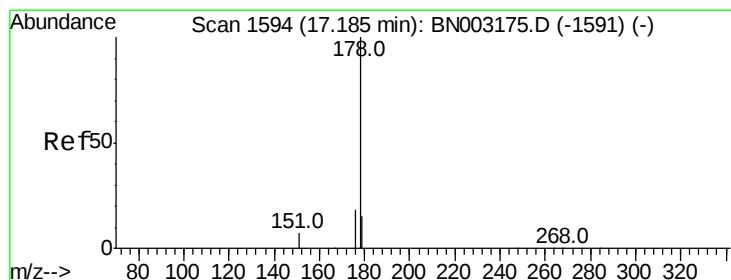
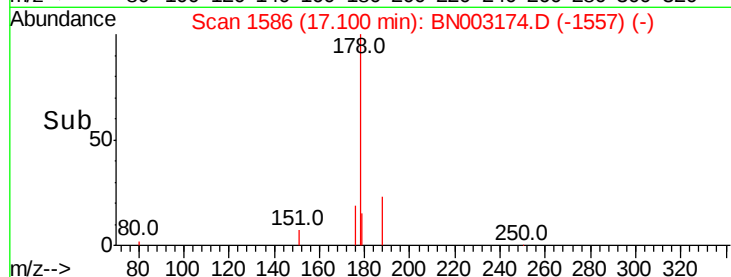
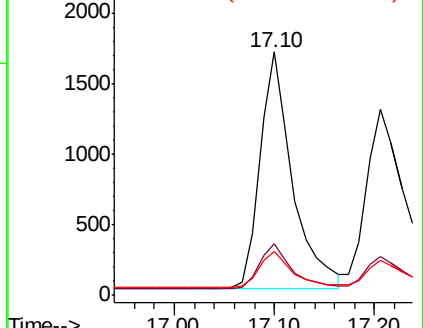
179 15.6 12.3 18.5



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: 0.217 ng

RT: 17.21 min Scan# 1596

Delta R.T. 0.02 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

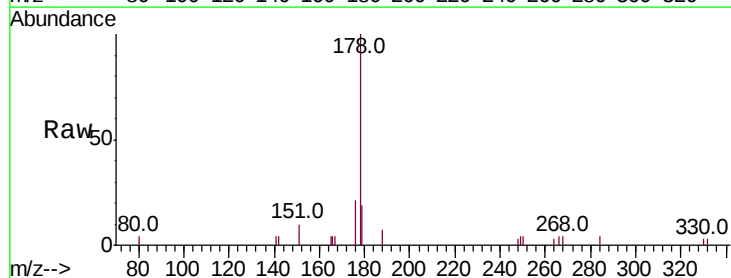
Tgt Ion:178 Resp: 3412

Ion Ratio Lower Upper

178 100

176 17.5 14.6 22.0

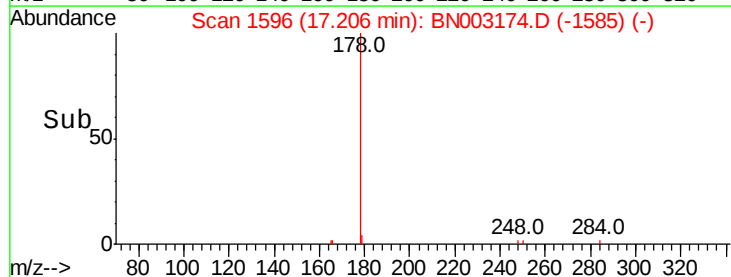
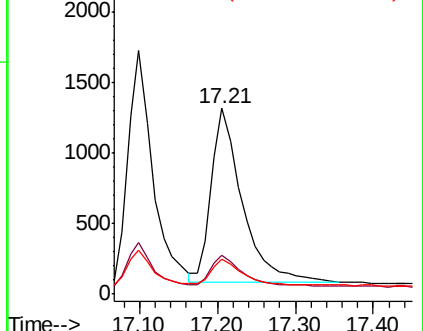
179 14.8 12.3 18.5

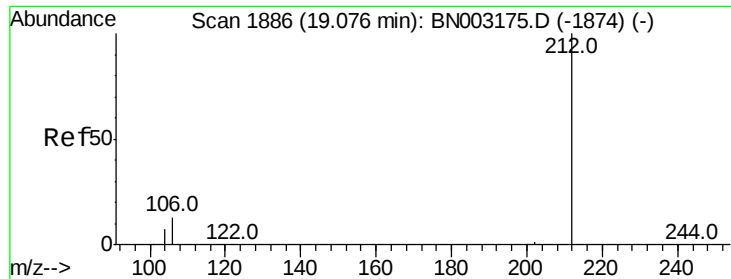


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.249 ng

RT: 19.09 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :

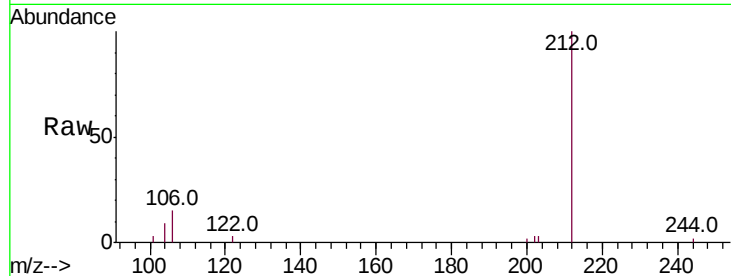
Tot Ion:212 Resp: 4633

Ion Ratio Lower Upper

212 100

106 12.9 10.2 15.4

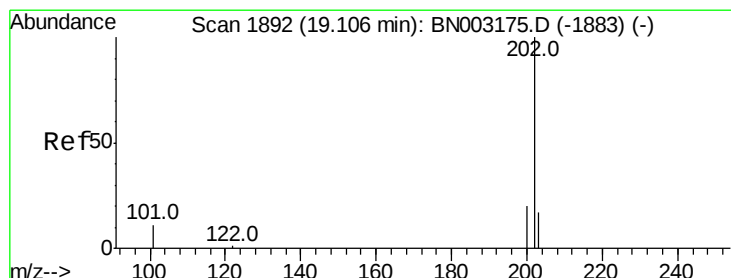
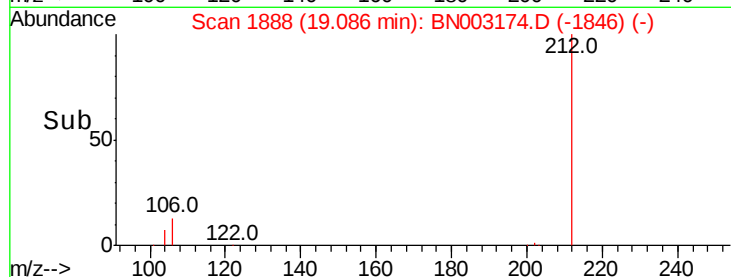
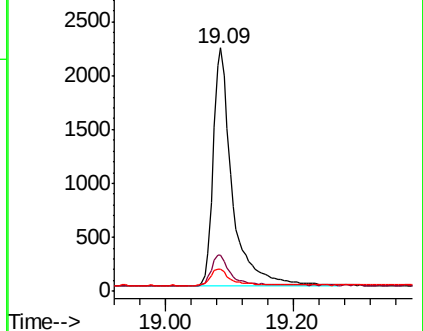
104 7.3 5.8 8.6



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: 0.247 ng

RT: 19.12 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

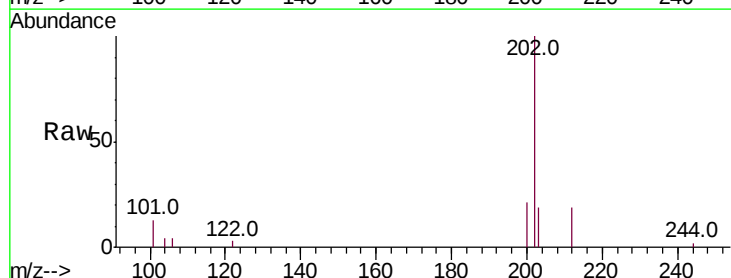
Tgt Ion:202 Resp: 4980

Ion Ratio Lower Upper

202 100

101 11.3 8.6 12.8

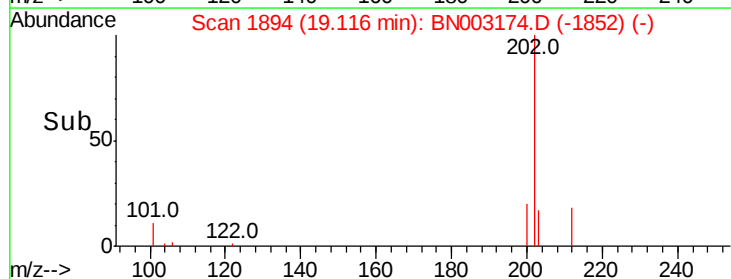
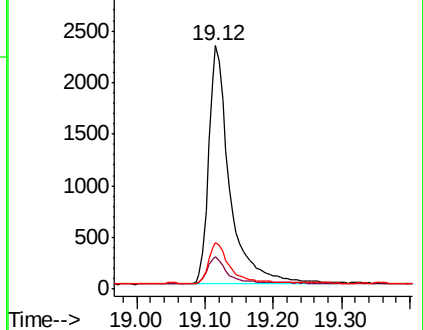
203 17.1 13.7 20.5

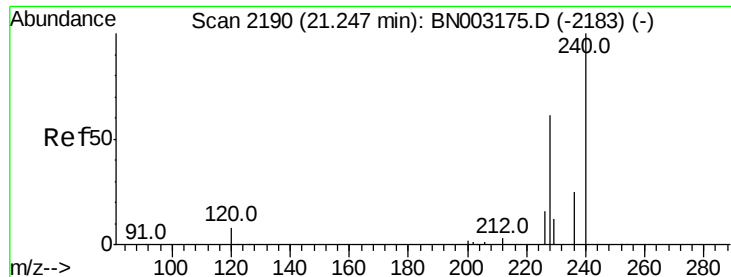


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :

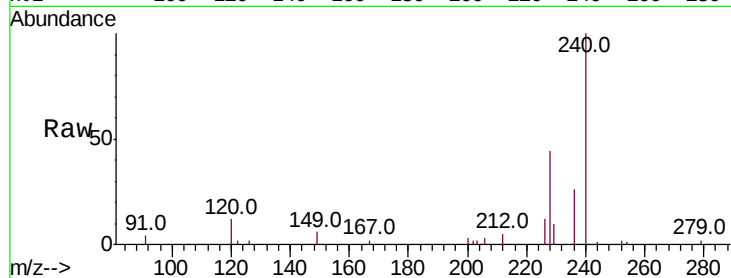
Tot Ion:240 Resp: 9209

Ion Ratio Lower Upper

240 100

120 11.8 7.8 11.8

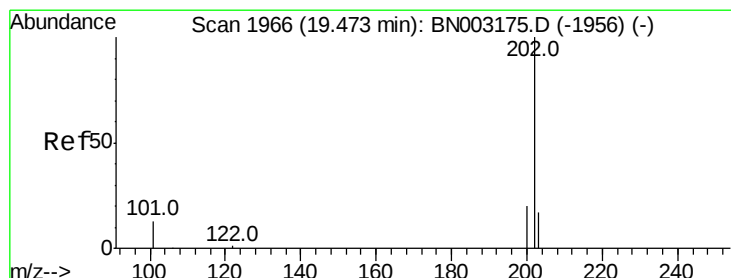
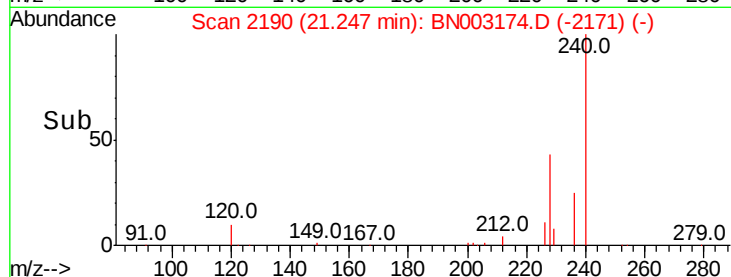
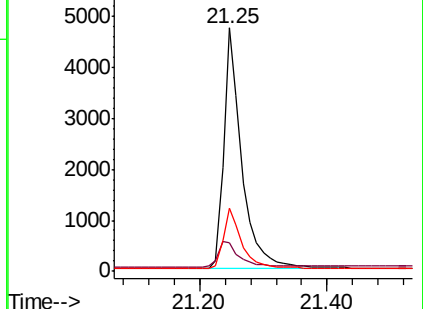
236 26.2 21.0 31.4



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: 0.196 ng

RT: 19.48 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

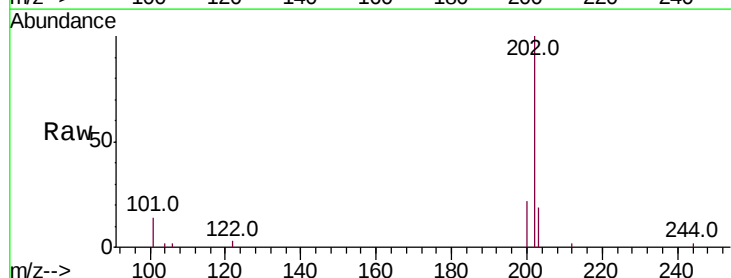
Tgt Ion:202 Resp: 5294

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

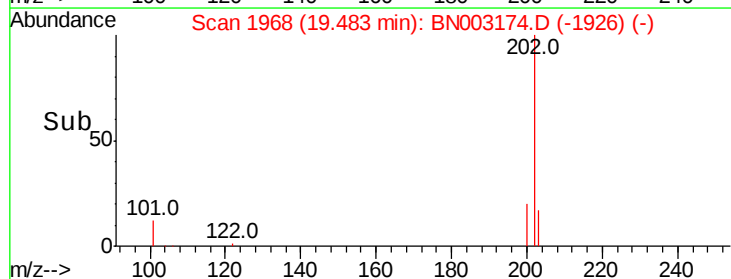
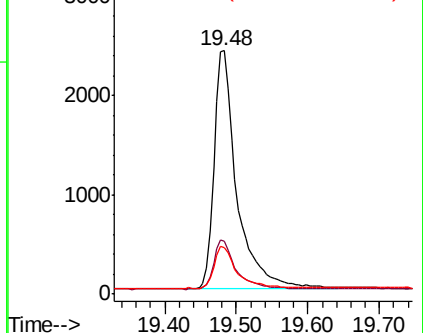
203 17.7 14.2 21.2

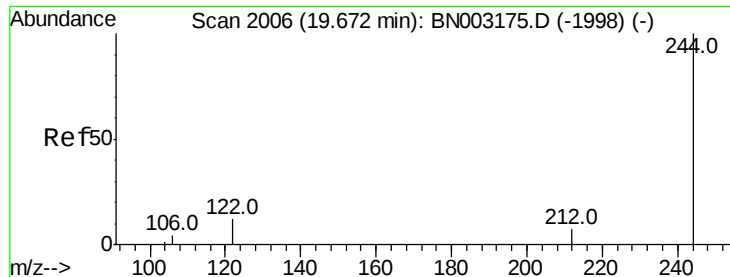


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.207 ng

RT: 19.68 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampled :

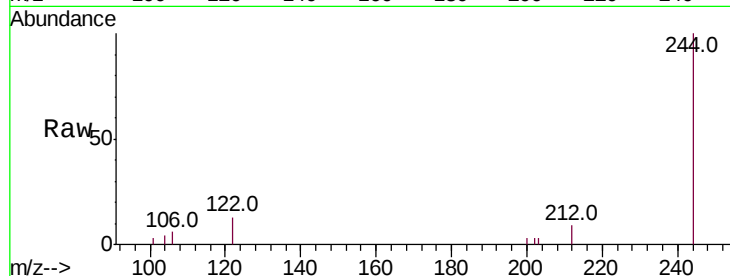
Tot Ion:244 Resp: 4219

Ion Ratio Lower Upper

244 100

212 8.9 6.2 9.4

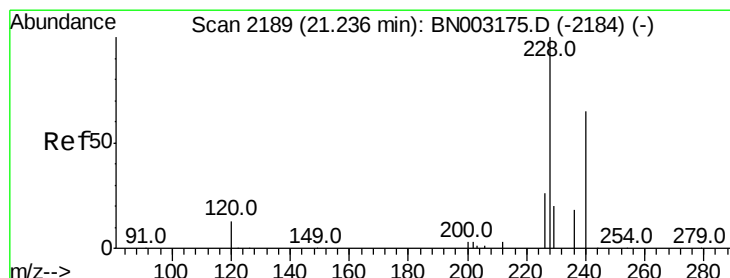
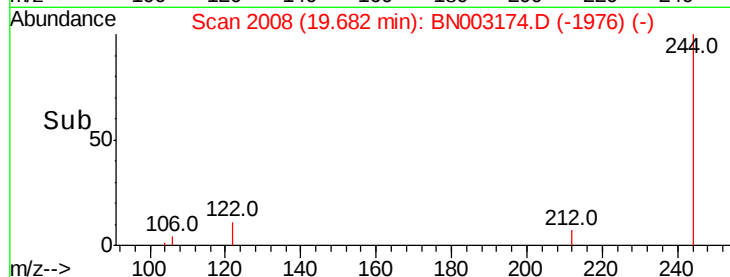
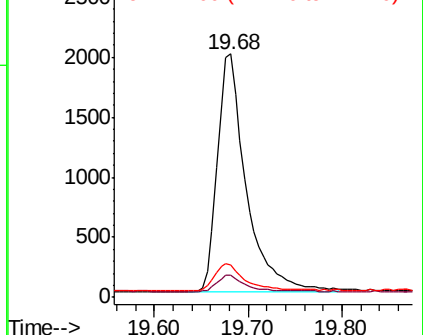
122 13.4 9.1 13.7



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: 0.241 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

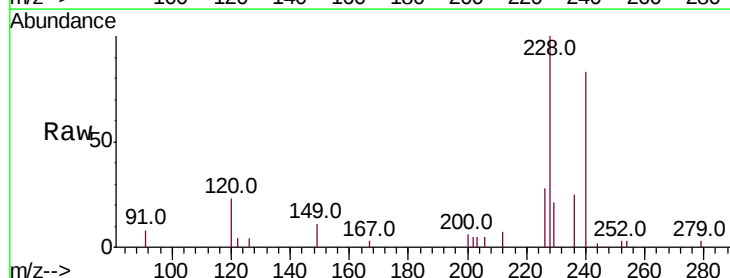
Tgt Ion:228 Resp: 5181

Ion Ratio Lower Upper

228 100

226 28.3 21.4 32.2

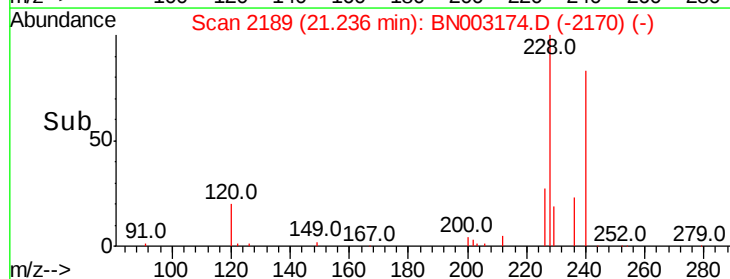
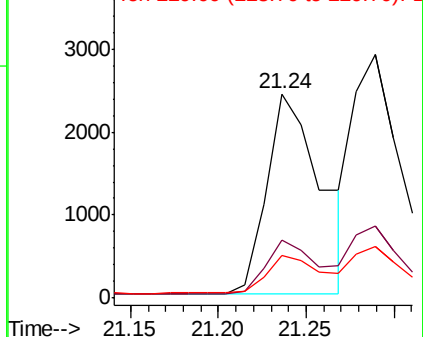
229 21.0 16.4 24.6

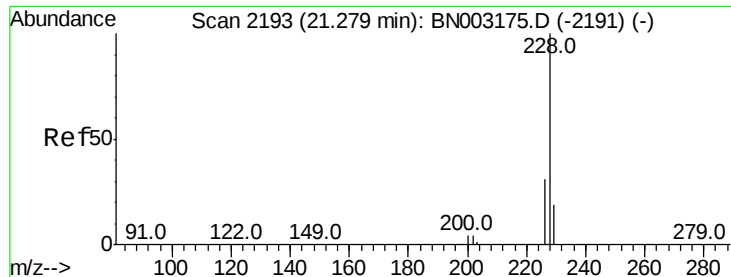


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.218 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

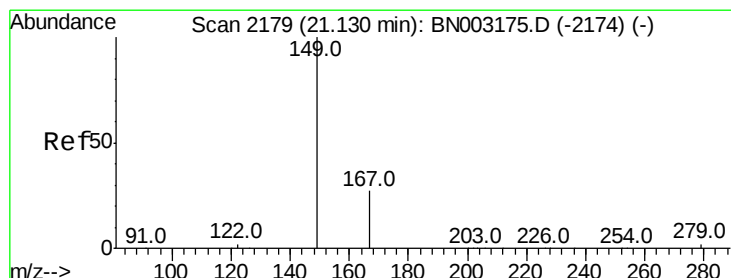
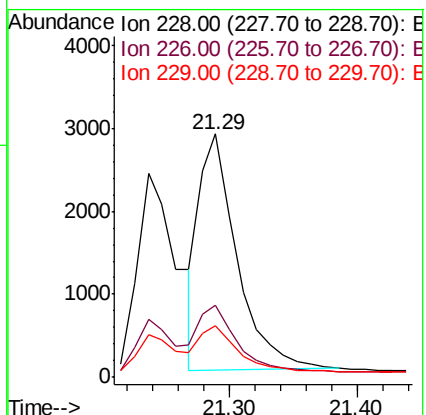
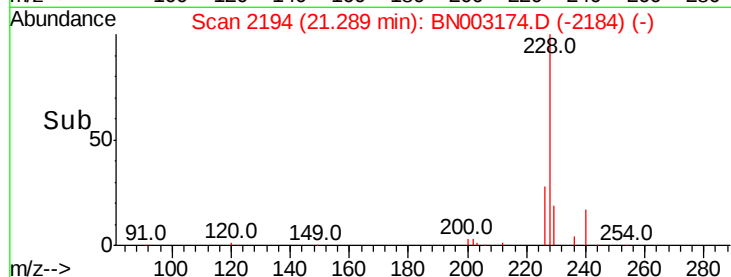
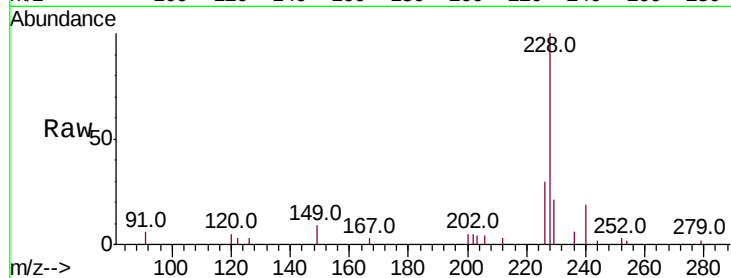
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 5849

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.1	34.7
229	21.0	15.9	23.9



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.237 ng

RT: 21.13 min Scan# 2179

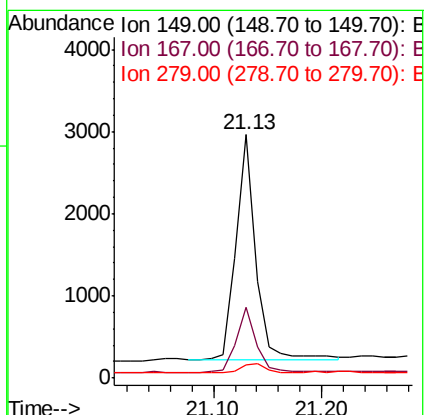
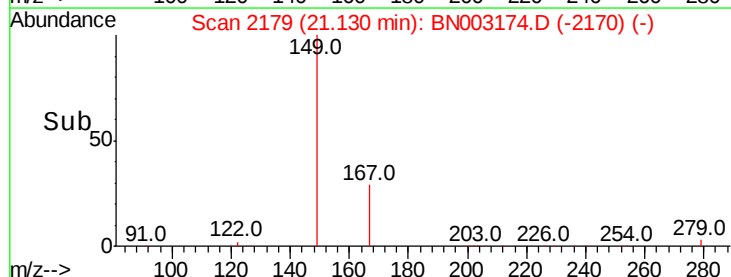
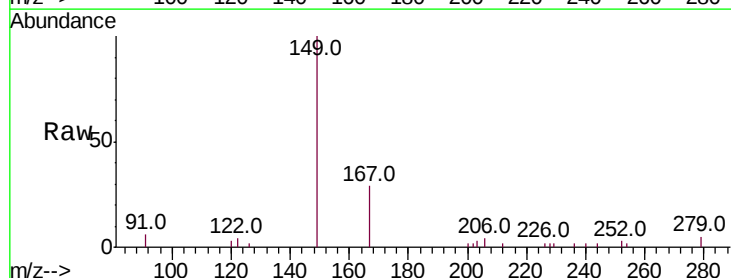
Delta R.T. -0.00 min

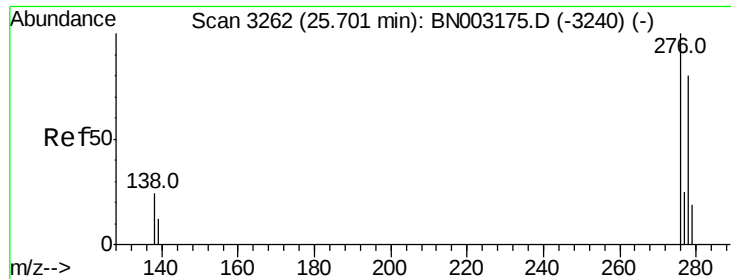
Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Tgt Ion:149 Resp: 3424

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.2	33.4
279	4.6	3.7	5.5

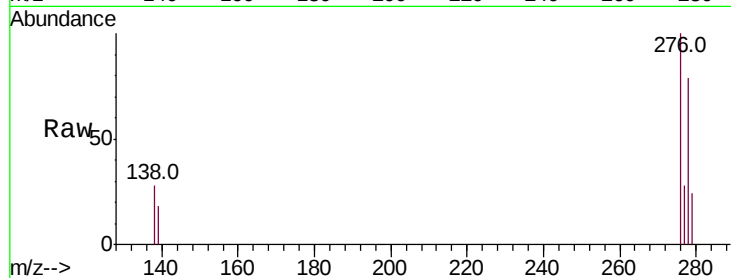




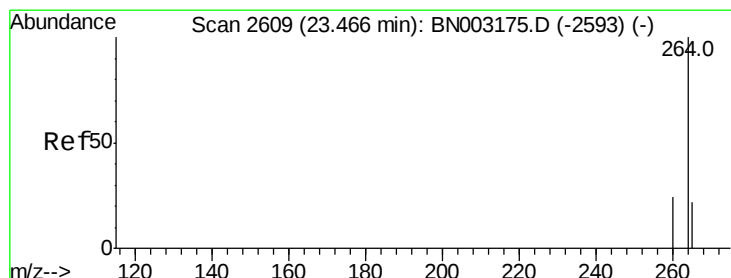
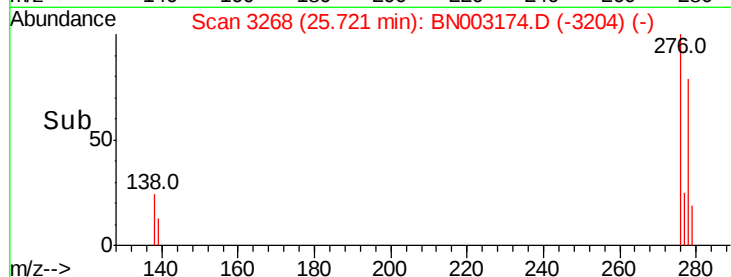
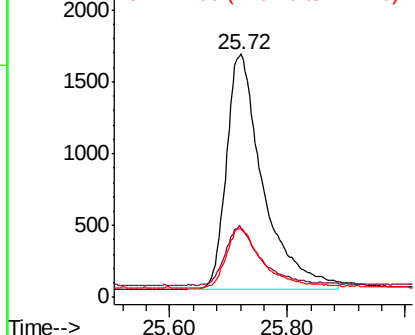
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.310 ng
 RT: 25.72 min Scan# 3268
 Delta R.T. 0.02 min
 Lab File: BN003174.D
 Acq: 17 Oct 2018 10:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 7078
 Ion Ratio Lower Upper
 276 100
 138 23.6 18.2 27.4
 277 24.2 20.2 30.4

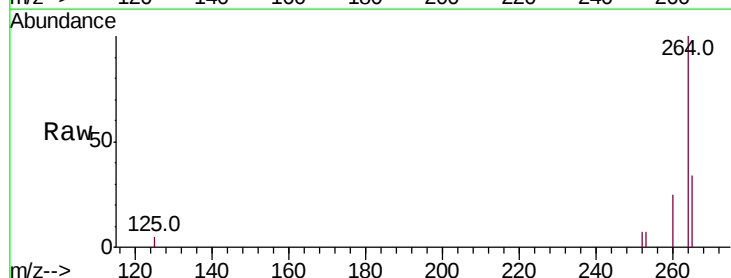


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

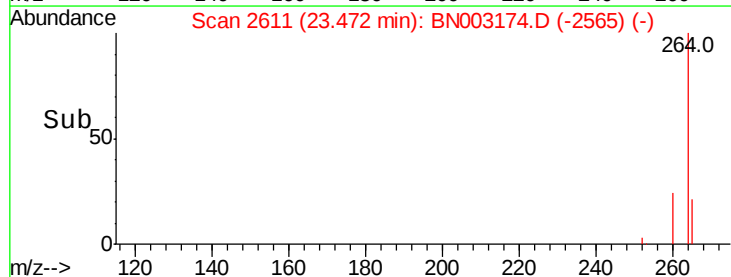
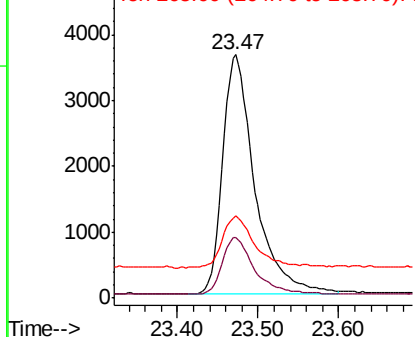


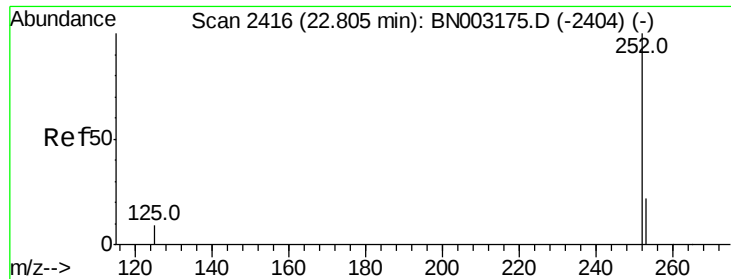
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2611
 Delta R.T. 0.01 min
 Lab File: BN003174.D
 Acq: 17 Oct 2018 10:09

Tgt Ion:264 Resp: 10065
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 33.7 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: 0.197 ng

RT: 22.81 min Scan# 2418

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :

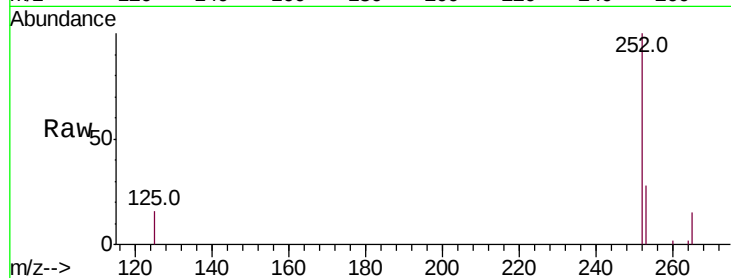
Tot Ion:252 Resp: 5536

Ion Ratio Lower Upper

252 100

253 27.9 20.8 31.2

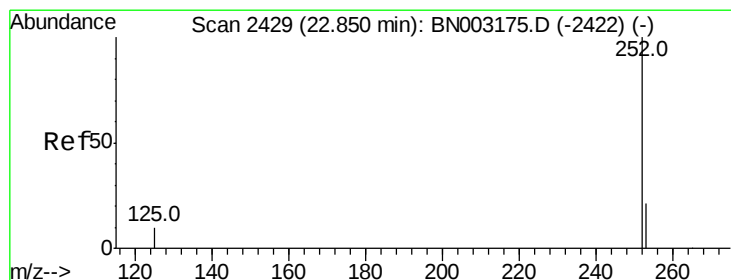
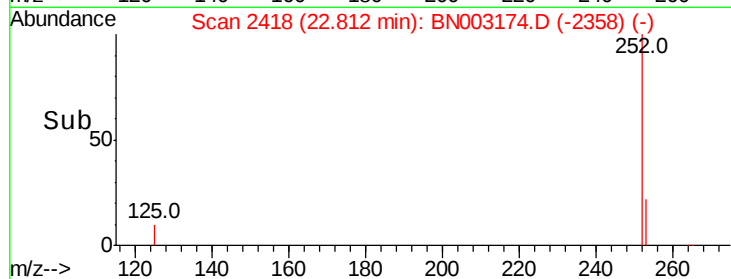
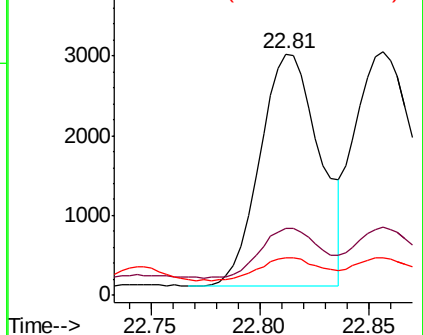
125 15.5 9.6 14.4#



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: 0.216 ng

RT: 22.86 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

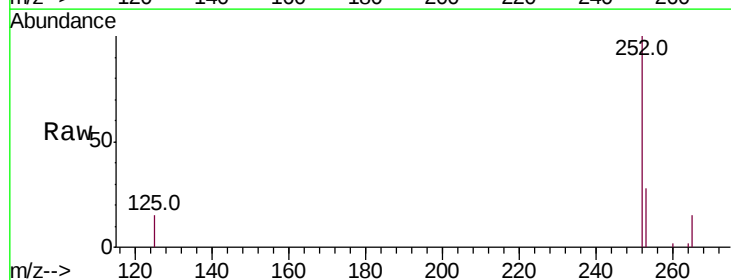
Tgt Ion:252 Resp: 6634

Ion Ratio Lower Upper

252 100

253 28.2 20.5 30.7

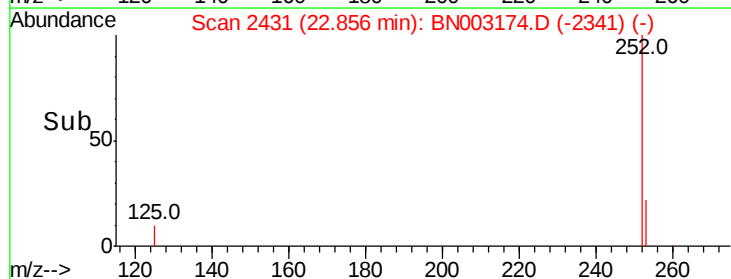
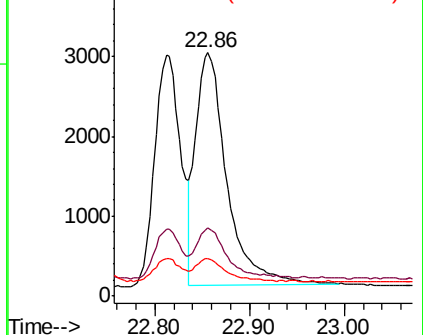
125 15.3 9.4 14.0#

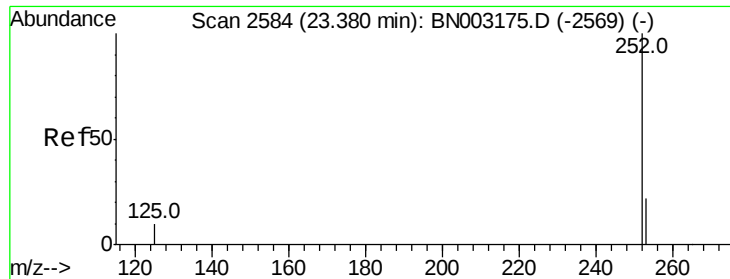


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.223 ng

RT: 23.39 min Scan# 2586

Delta R.T. 0.01 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :

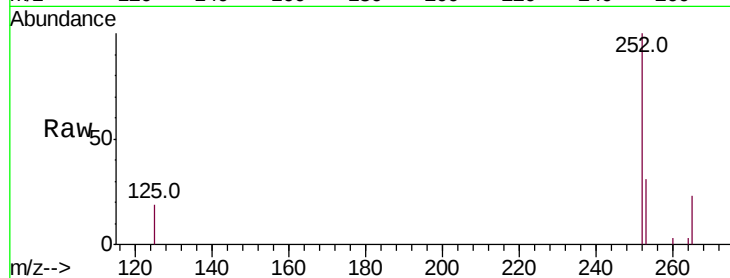
Tot Ion:252 Resp: 5815

Ion Ratio Lower Upper

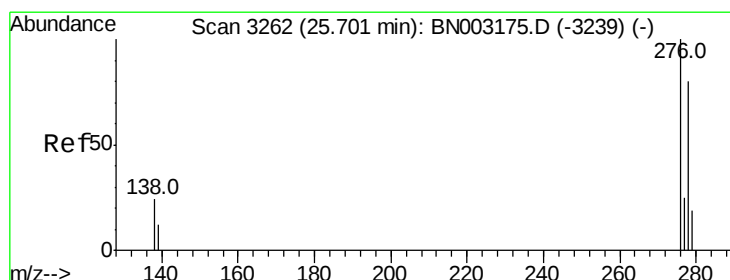
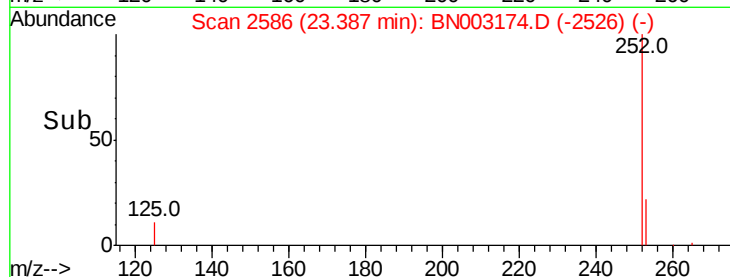
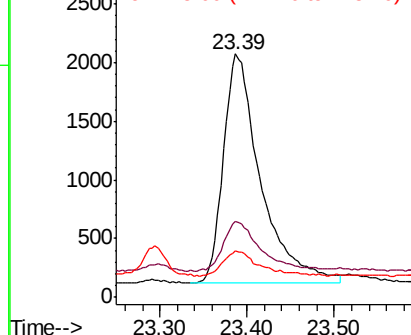
252 100

253 31.2 22.4 33.6

125 18.9 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: 0.249 ng

RT: 25.72 min Scan# 3267

Delta R.T. 0.02 min

Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

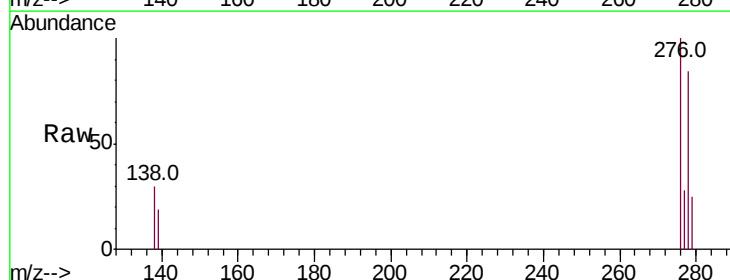
Tgt Ion:278 Resp: 5919

Ion Ratio Lower Upper

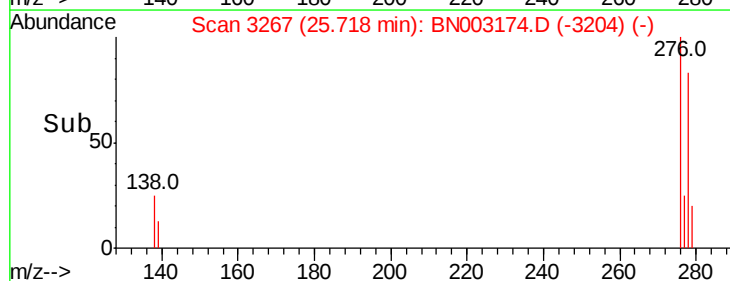
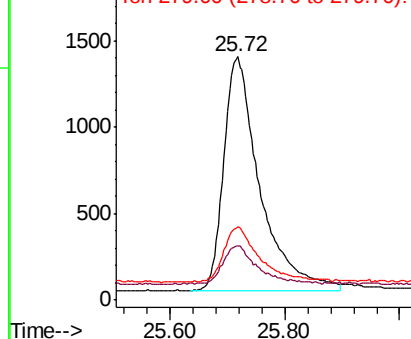
278 100

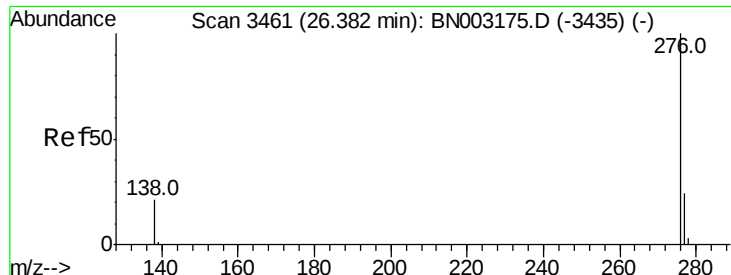
139 22.1 14.6 21.8#

279 30.3 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: 0.249 ng

RT: 26.39 min Scan# 3464

Delta R.T. 0.01 min

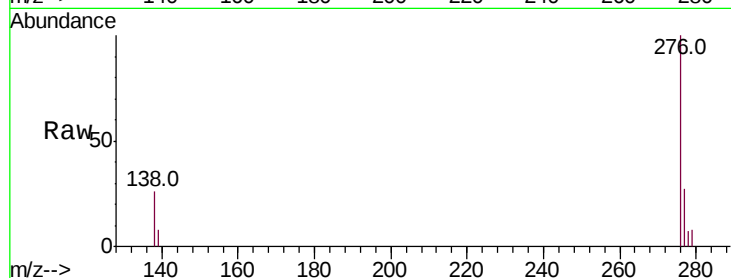
Lab File: BN003174.D

Acq: 17 Oct 2018 10:09

Instrument :

BNA_N

ClientSampleId :



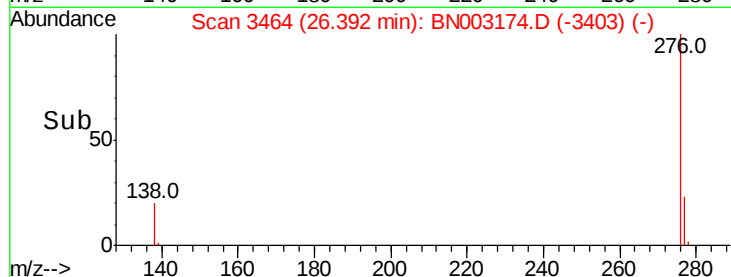
Tot Ion:276 Resp: 6052

Ion Ratio Lower Upper

276 100

277 27.0 21.0 31.4

138 26.0 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

