

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
 Data File : BN009404.D
 Acq On : 20 Jan 2020 15:49
 Operator : JU
 Sample : K5111-08
 Misc : 0.1 L00
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 20 17:28:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 16:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1163	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	3735	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	2426	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	5397	0.40	ng	0.00
27) Chrysene-d12	21.07	240	4616	0.40	ng	0.00
34) Perylene-d12	23.19	264	4623	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	848	0.32	ng	0.00
5) Phenol-d6	6.70	99	809	0.26	ng	0.02
8) Nitrobenzene-d5	8.66	82	837	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	11.85	152	1970	0.27	ng	0.02
14) 2,4,6-Tribromophenol	15.64	330	246	0.27	ng	0.02
15) 2-Fluorobiphenyl	12.74	172	2788	0.31	ng	0.02
25) Fluoranthene-d10	18.90	212	4849	0.26	ng	0.00
29) Terphenyl-d14	19.52	244	3906	0.36	ng	0.00

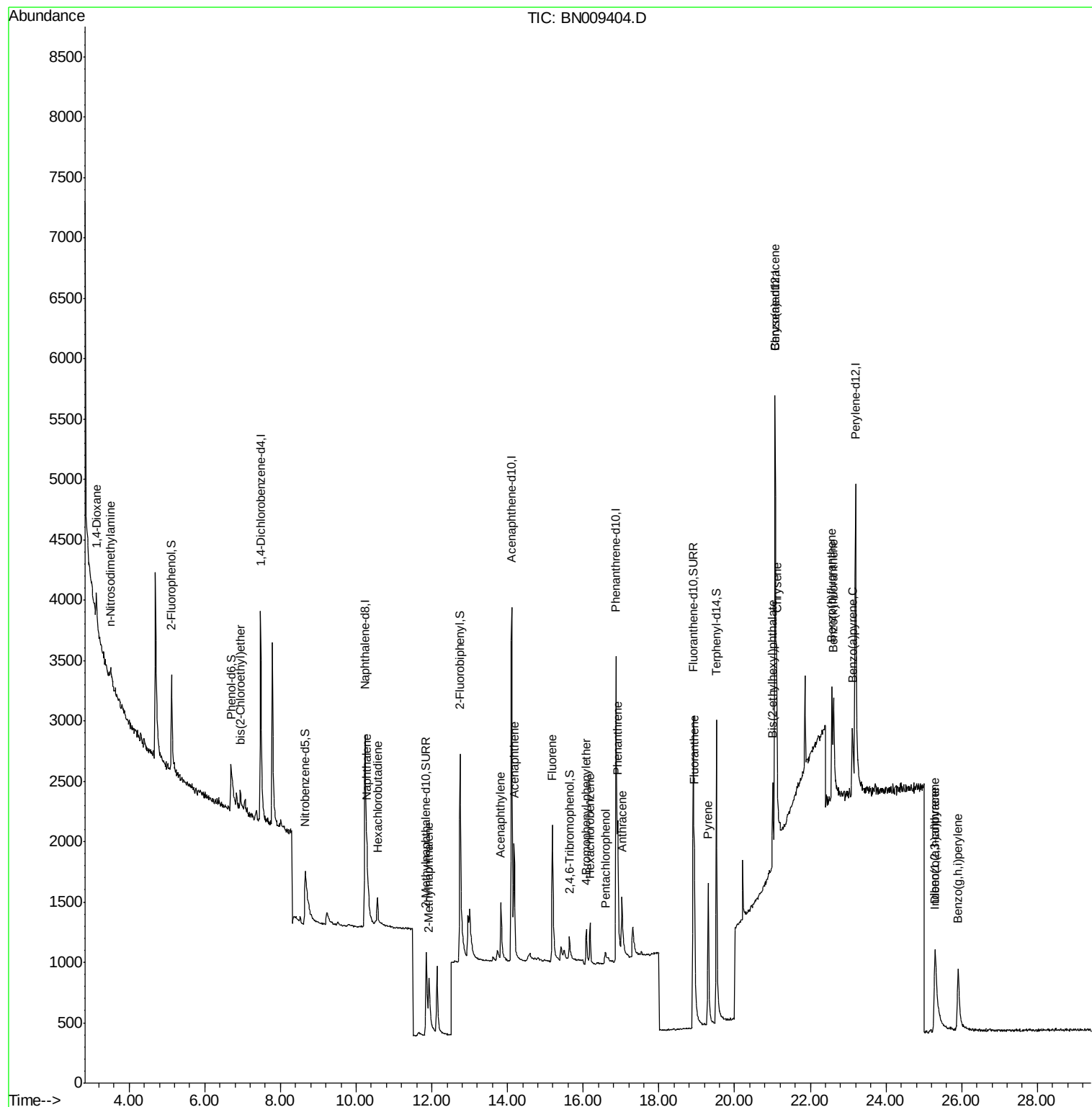
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	114	0.094	ng	# 55
3) n-Nitrosodimethylamine	3.50	42	77	0.041	ng	# 46
6) bis(2-Chloroethyl)ether	6.94	93	199	0.062	ng	95
9) Naphthalene	10.29	128	916	0.091	ng	# 73
10) Hexachlorobutadiene	10.57	225	208	0.094	ng	# 95
12) 2-Methylnaphthalene	11.93	142	601	0.085	ng	# 89
16) Acenaphthylene	13.82	152	857	0.082	ng	97
17) Acenaphthene	14.17	154	605	0.082	ng	98
18) Fluorene	15.18	166	812	0.085	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	236	0.073	ng	# 87
21) Hexachlorobenzene	16.18	284	281	0.081	ng	95
22) Pentachlorophenol	16.58	266	143	0.147	ng	87
23) Phenanthrene	16.91	178	1306	0.081	ng	99
24) Anthracene	17.02	178	990	0.073	ng	99
26) Fluoranthene	18.93	202	1560	0.082	ng	99
28) Pyrene	19.30	202	1590	0.091	ng	98
30) Benzo(a)anthracene	21.07	228	1195	0.079	ng	# 91
31) Chrysene	21.11	228	1543	0.089	ng	92
32) Bis(2-ethylhexyl)phthalate	21.00	149	588	0.088	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.29	276	1358	0.075	ng	# 84
35) Benzo(b)fluoranthene	22.57	252	1257	0.074	ng	# 54
36) Benzo(k)fluoranthene	22.61	252	1636	0.087	ng	# 48
37) Benzo(a)pyrene	23.11	252	1294	0.086	ng	# 33
38) Dibenzo(a,h)anthracene	25.31	278	366	0.024	ng	# 37
39) Benzo(g,h,i)perylene	25.90	276	1480	0.089	ng	# 78

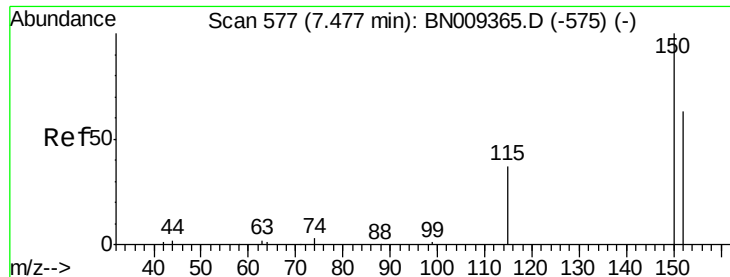
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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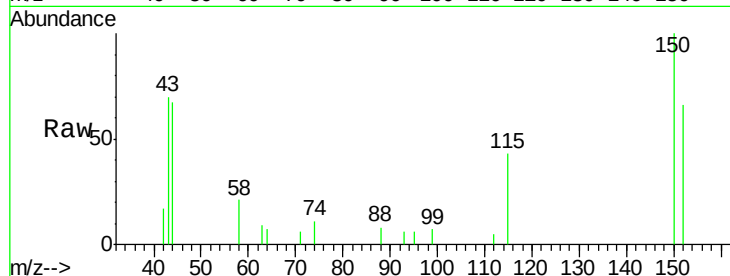


#1

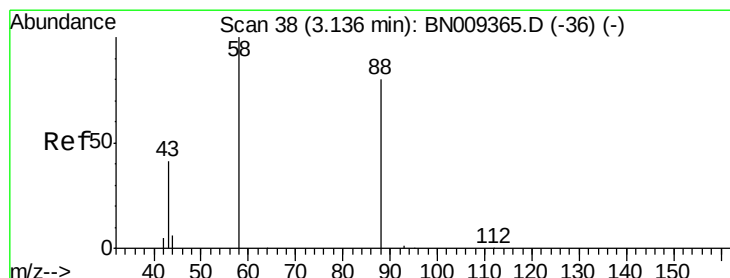
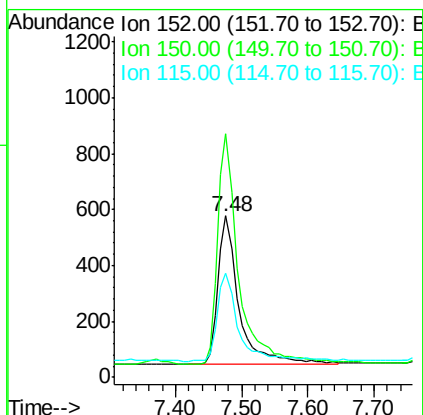
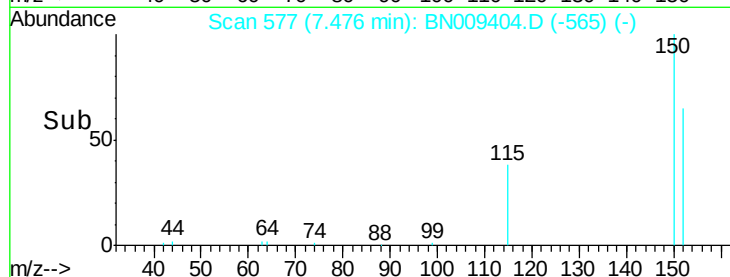
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1163
Ion Ratio Lower Upper
152 100
150 150.7 125.7 188.5
115 64.2 53.3 79.9



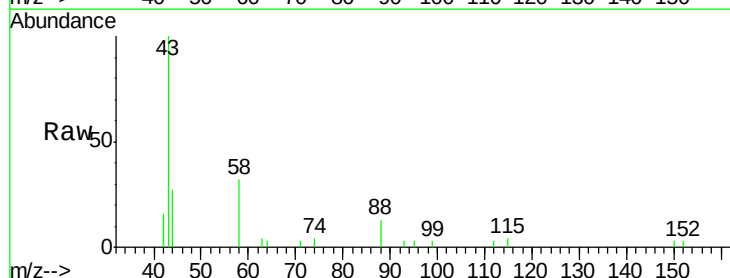
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



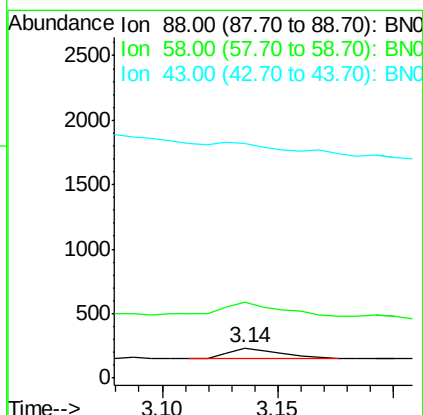
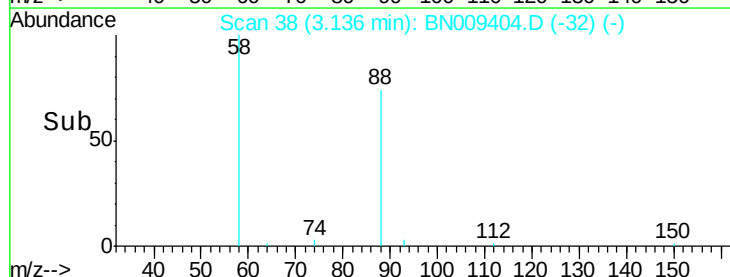
#2

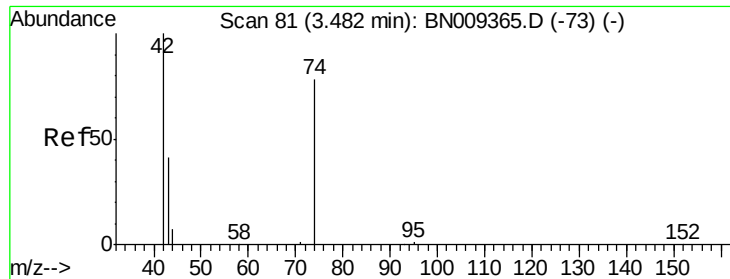
1,4-Dioxane
Concen: 0.094 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
58 162.3 100.2 150.2#
43 0.0 43.1 64.7#



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



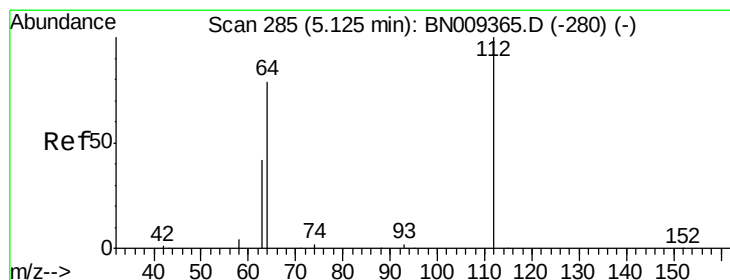
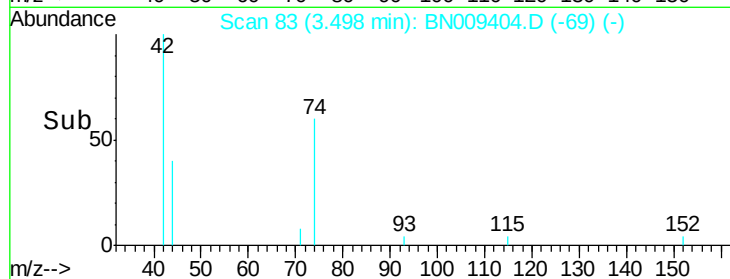
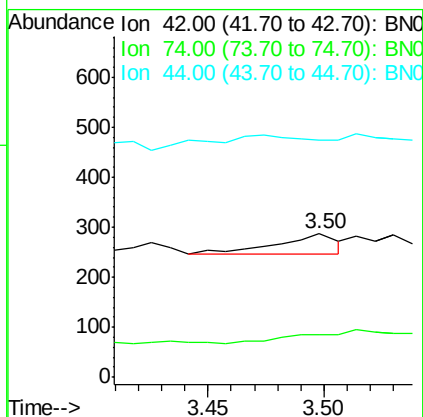
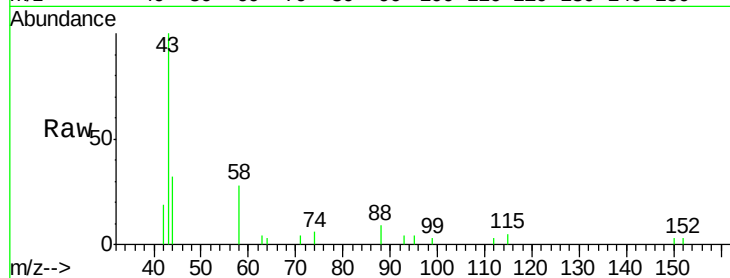


#3

n-Nitrosodimethylamine
 Concen: 0.041 ng
 RT: 3.50 min Scan# 83
 Delta R.T. 0.02 min
 Lab File: BN009404.D
 Acq: 20 Jan 2020 15:49

Instrument :
 BNA_N
 ClientSampleId :

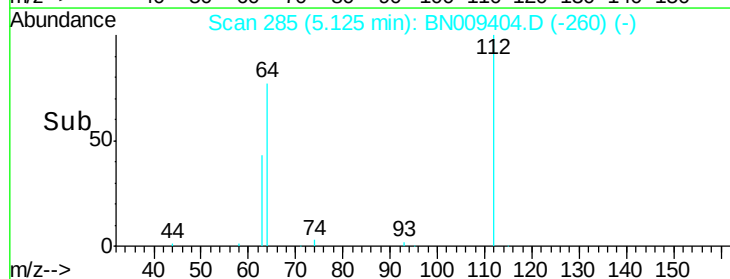
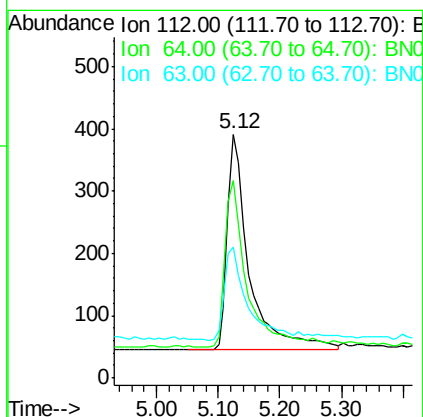
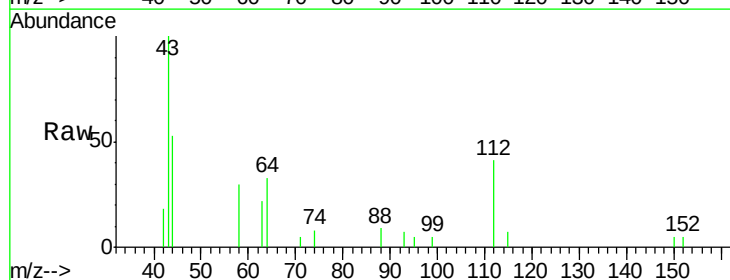
Tot Ion: 42 Resp: 77
 Ion Ratio Lower Upper
 42 100
 74 118.2 55.8 83.8#
 44 26.0 11.1 16.7#

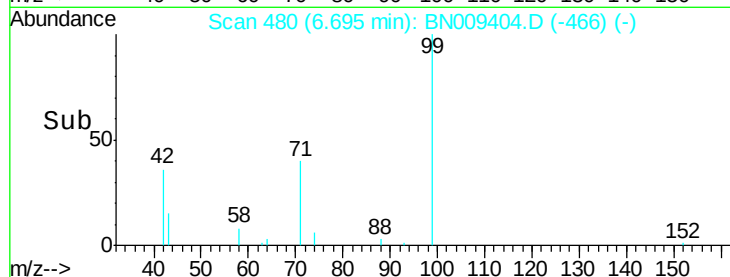
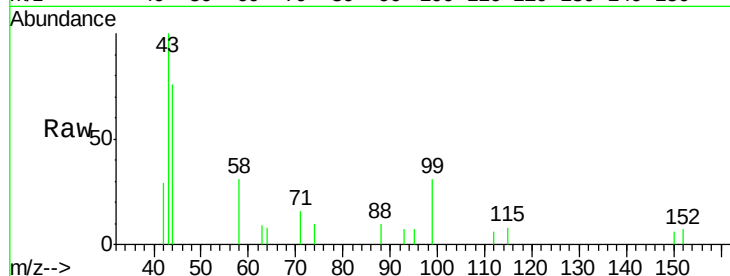
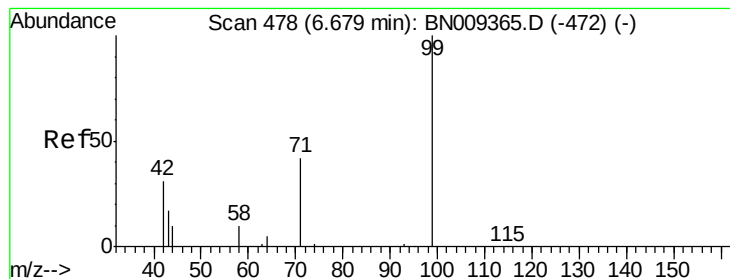


#4

2-Fluorophenol
 Concen: 0.317 ng
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009404.D
 Acq: 20 Jan 2020 15:49

Tgt Ion: 112 Resp: 848
 Ion Ratio Lower Upper
 112 100
 64 76.8 61.5 92.3
 63 44.2 35.0 52.4





#5

Phenol-d6

Concen: 0.261 ng

RT: 6.70 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampled :

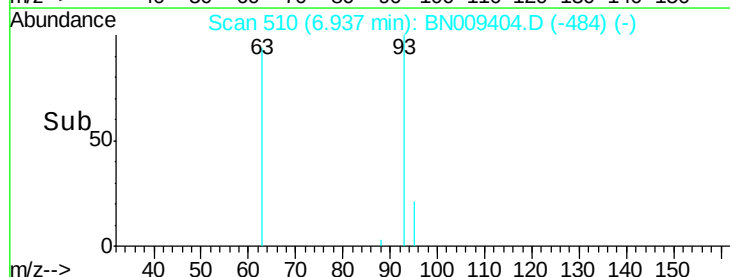
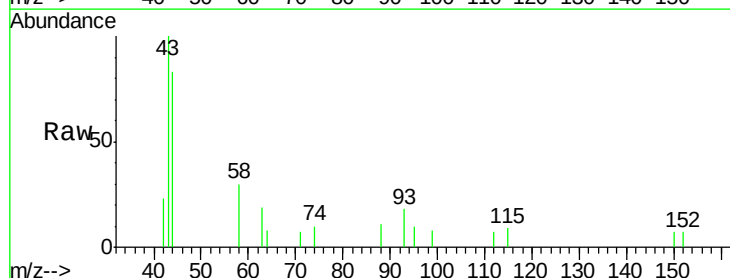
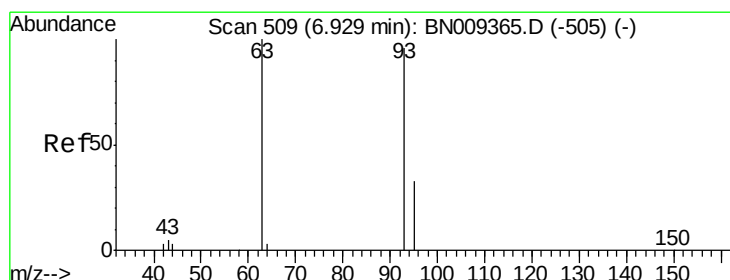
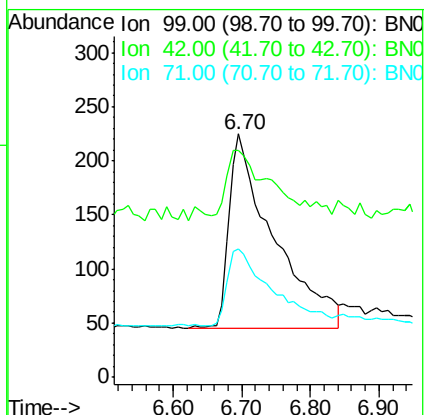
Tot Ion: 99 Resp: 809

Ion Ratio Lower Upper

99 100

42 33.5 27.6 41.4

71 40.8 33.0 49.6



#6

bis(2-Chloroethyl)ether

Concen: 0.062 ng

RT: 6.94 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

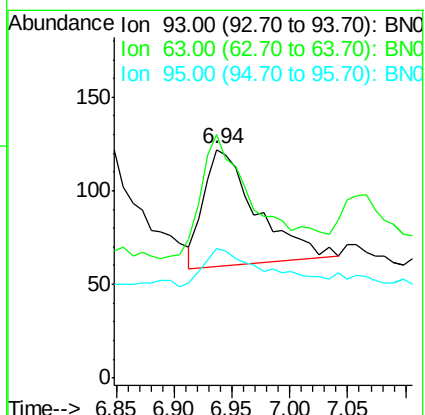
Tgt Ion: 93 Resp: 199

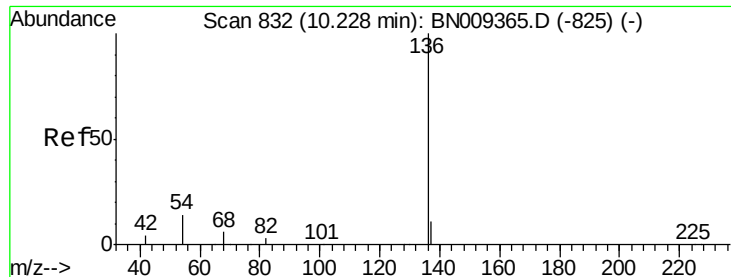
Ion Ratio Lower Upper

93 100

63 113.6 85.1 127.7

95 37.2 30.2 45.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3735

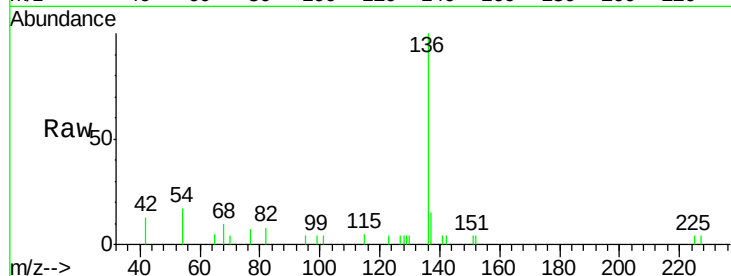
Ion Ratio Lower Upper

136 100

137 15.4 10.3 15.5

54 17.4 12.6 19.0

68 9.9 6.5 9.7#

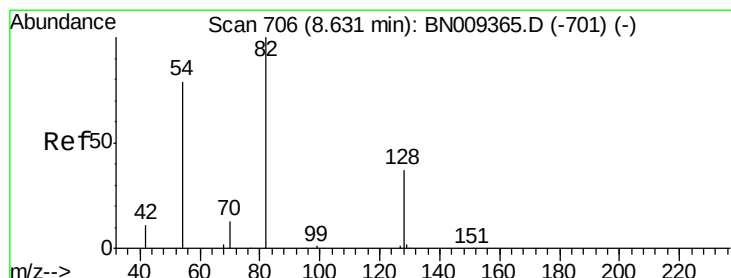
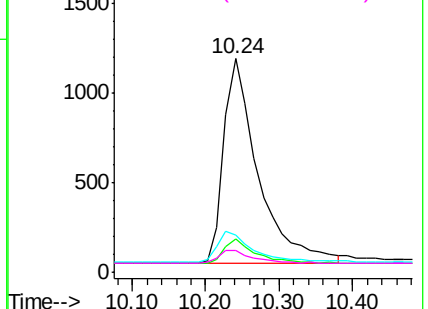
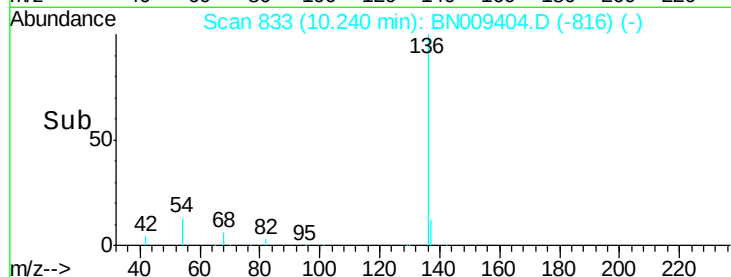


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.281 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

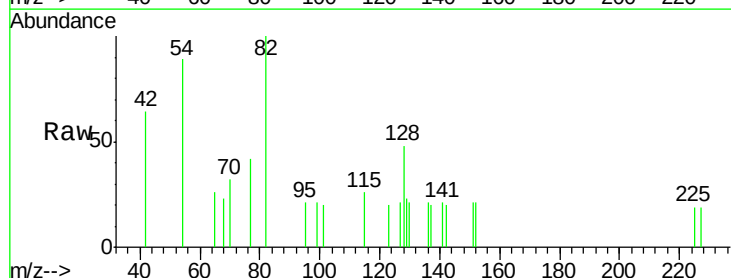
Tgt Ion: 82 Resp: 837

Ion Ratio Lower Upper

82 100

128 47.6 34.8 52.2

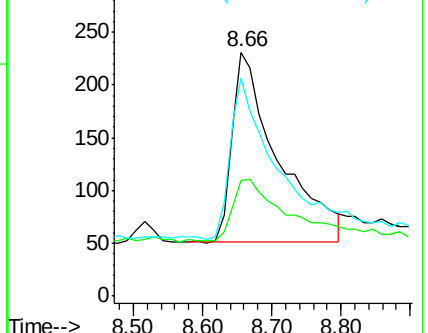
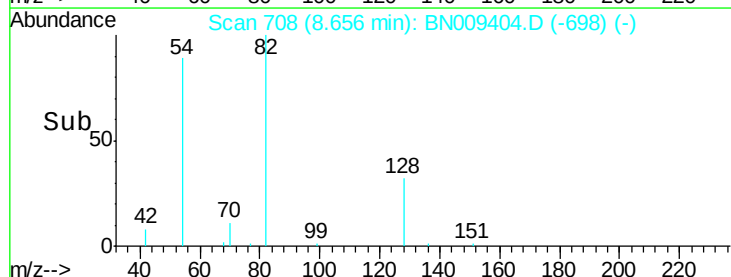
54 89.2 65.8 98.6

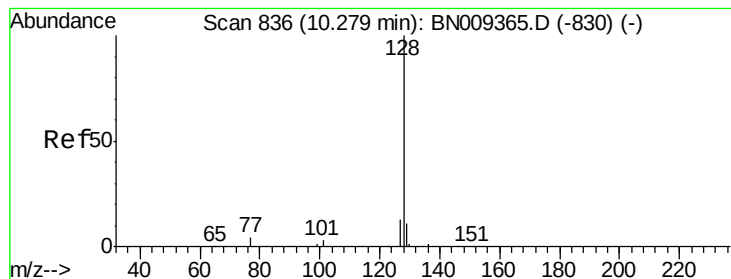


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.091 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :

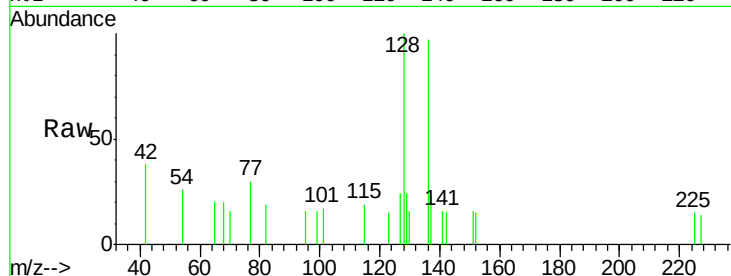
Tot Ion:128 Resp: 916

Ion Ratio Lower Upper

128 100

129 24.4 10.4 15.6#

127 24.4 11.4 17.2#

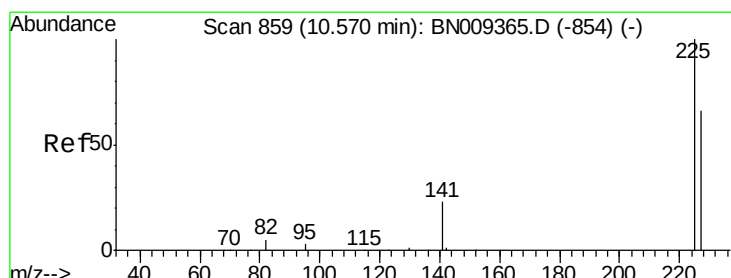
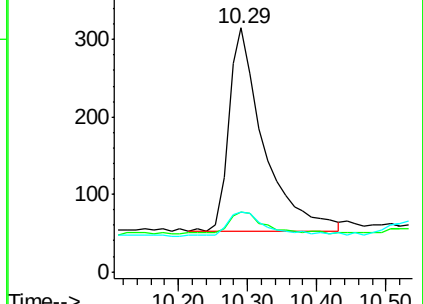
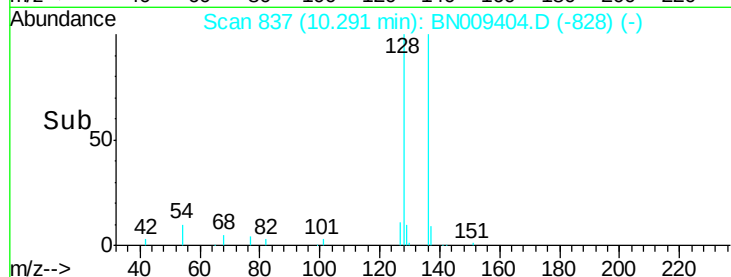


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



#10

Hexachlorobutadiene

Concen: 0.094 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

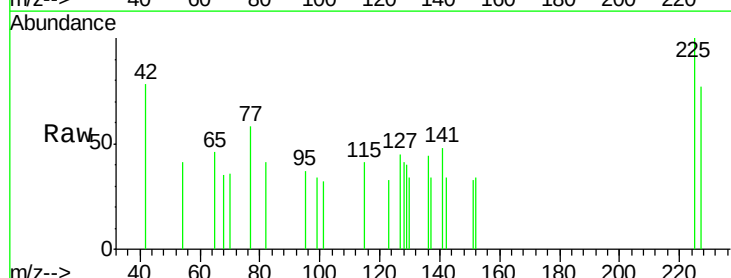
Tgt Ion:225 Resp: 208

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 62.0 52.6 78.8

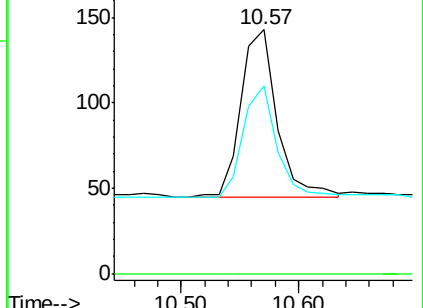
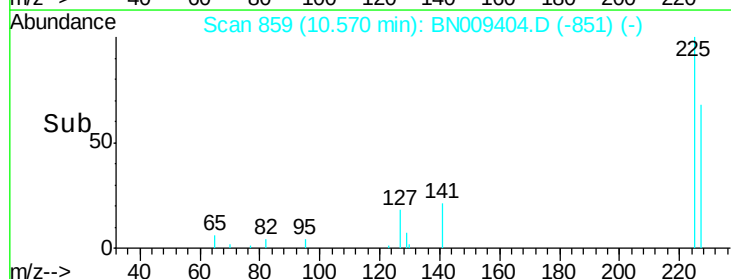


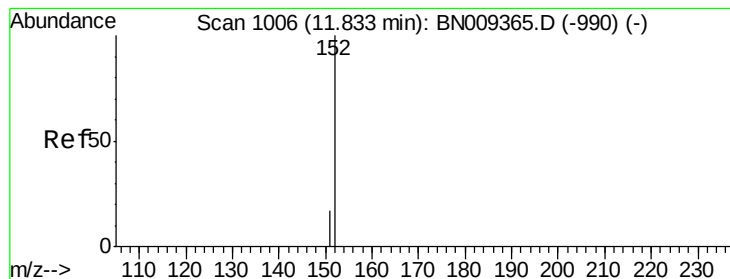
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.273 ng

RT: 11.85 min Scan# 1010

Delta R.T. 0.02 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

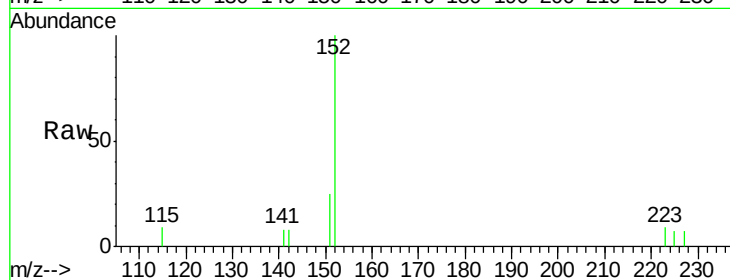
ClientSampleId :

Tot Ion:152 Resp: 1970

Ion Ratio Lower Upper

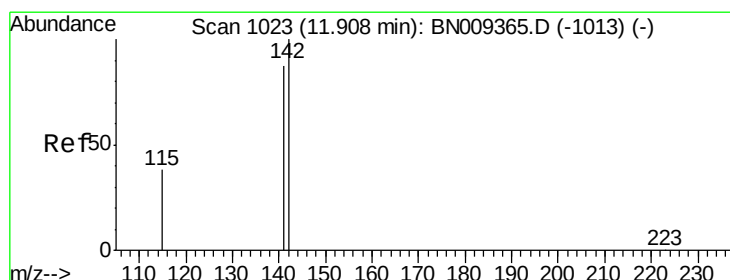
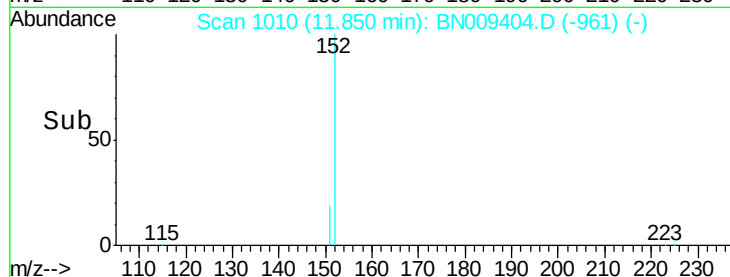
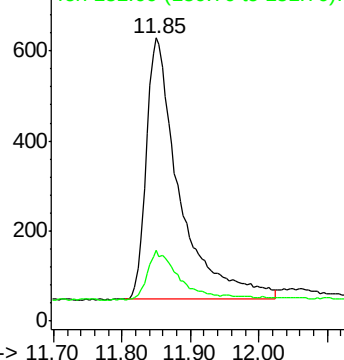
152 100

151 17.4 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.085 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.02 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

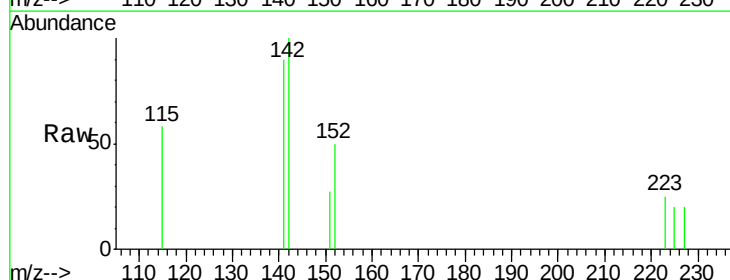
Tgt Ion:142 Resp: 601

Ion Ratio Lower Upper

142 100

141 89.6 69.8 104.6

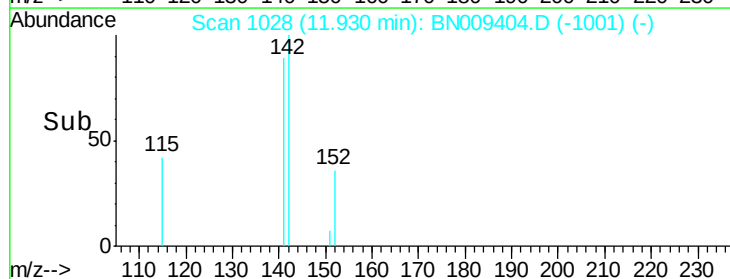
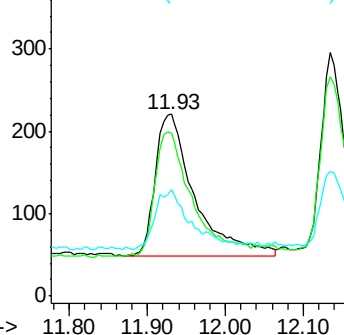
115 58.4 32.5 48.7#

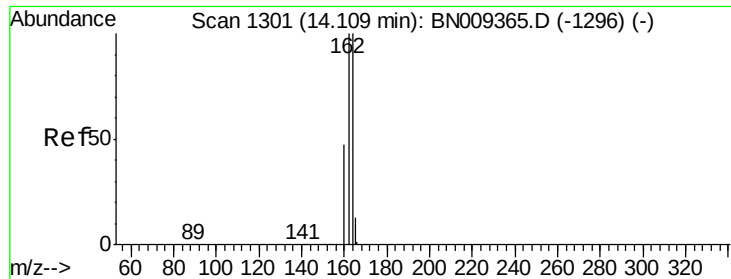


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :

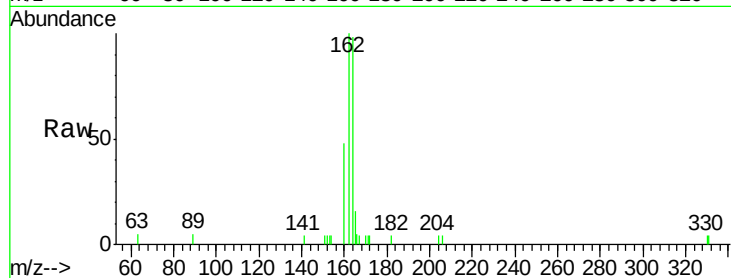
Tot Ion:164 Resp: 2426

Ion Ratio Lower Upper

164 100

162 102.1 79.8 119.6

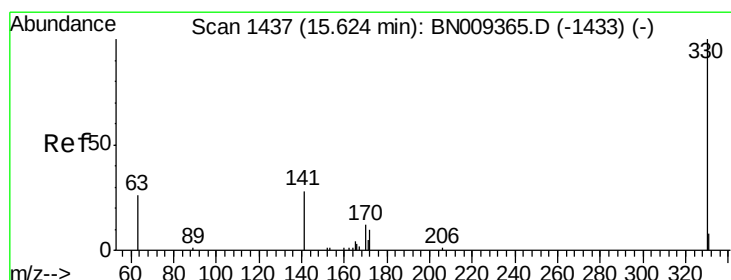
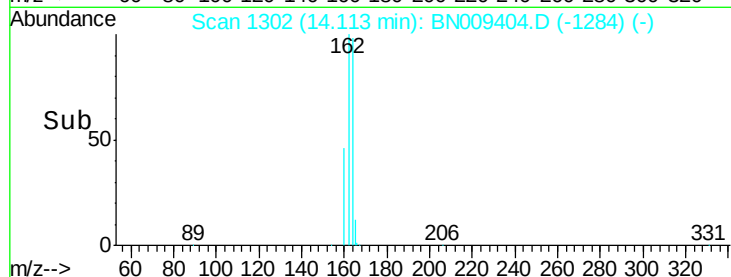
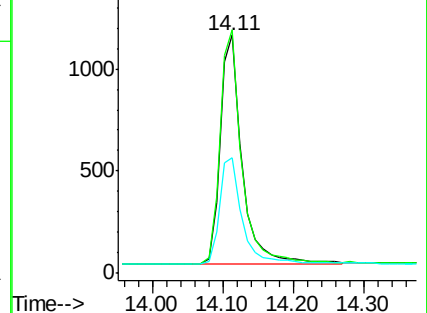
160 48.6 38.4 57.6



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: 0.268 ng

RT: 15.64 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

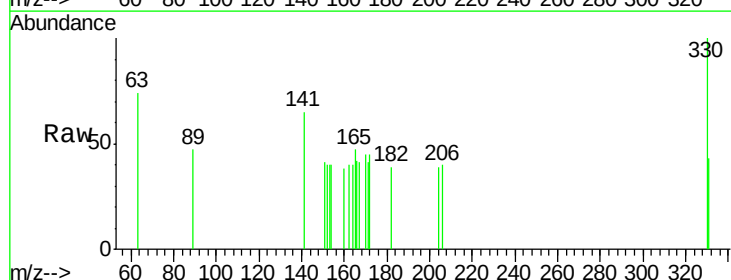
Tgt Ion:330 Resp: 246

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

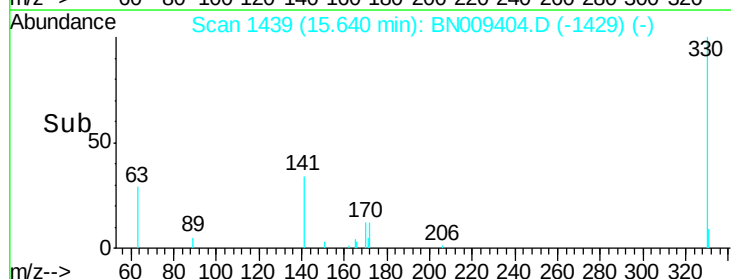
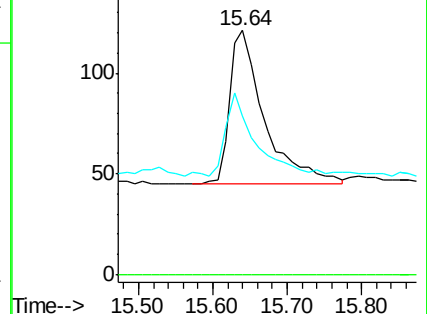
141 47.6 33.1 49.7

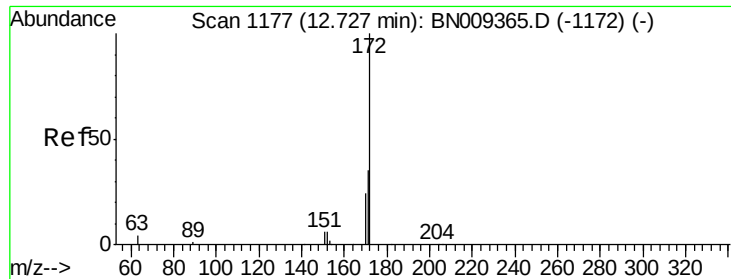


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

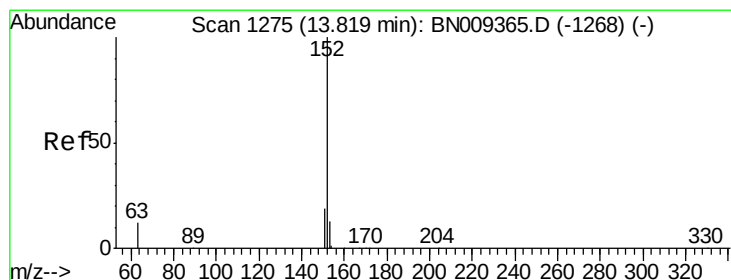
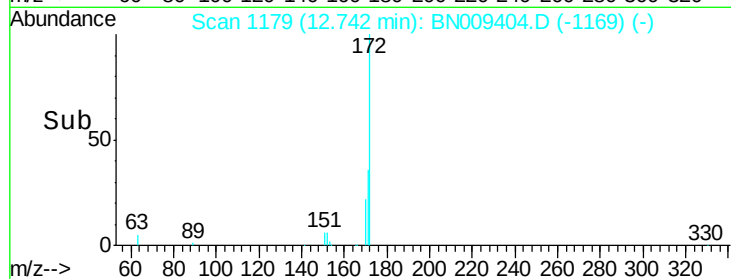
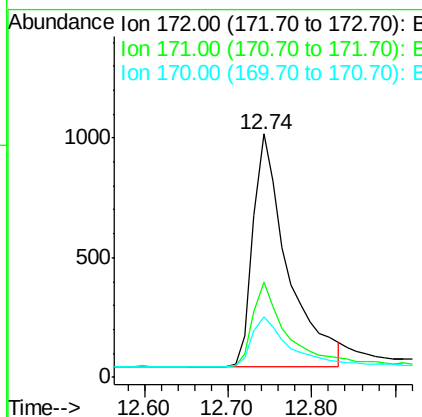
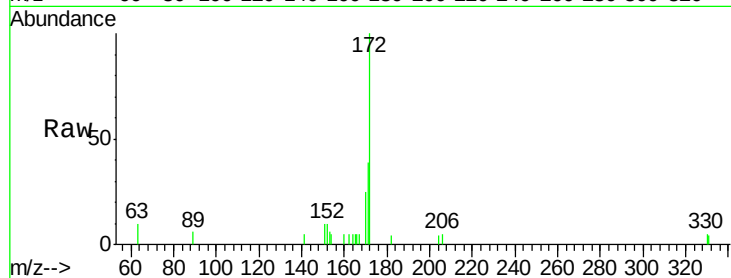




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.74 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

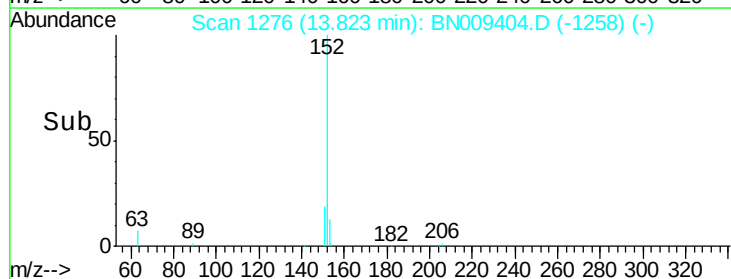
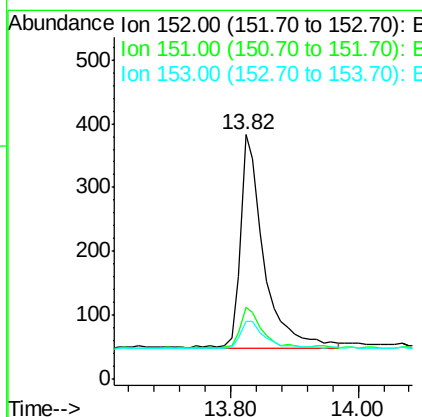
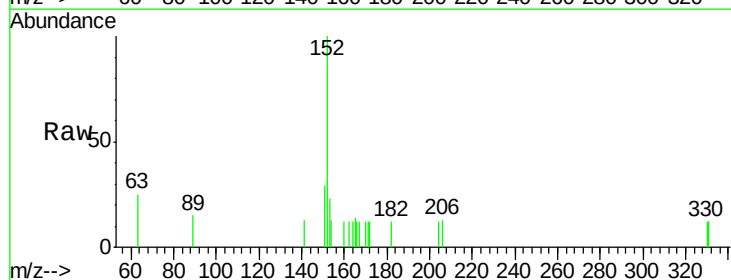
Instrument :
BNA_N
ClientSampled :

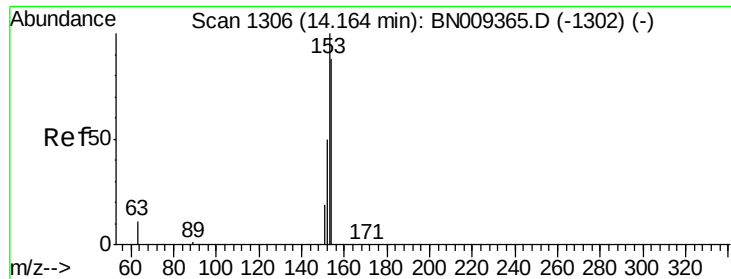
Tot Ion:172 Resp: 2788
Ion Ratio Lower Upper
172 100
171 38.9 29.5 44.3
170 25.0 20.7 31.1



#16
Acenaphthylene
Concen: 0.082 ng
RT: 13.82 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BN009404.D
Acq: 20 Jan 2020 15:49

Tgt Ion:152 Resp: 857
Ion Ratio Lower Upper
152 100
151 17.5 15.4 23.2
153 13.5 10.4 15.6





#17

Acenaphthene

Concen: 0.082 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :

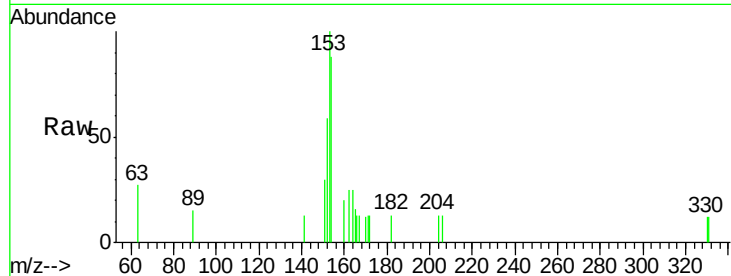
Tot Ion:154 Resp: 605

Ion Ratio Lower Upper

154 100

153 115.0 90.5 135.7

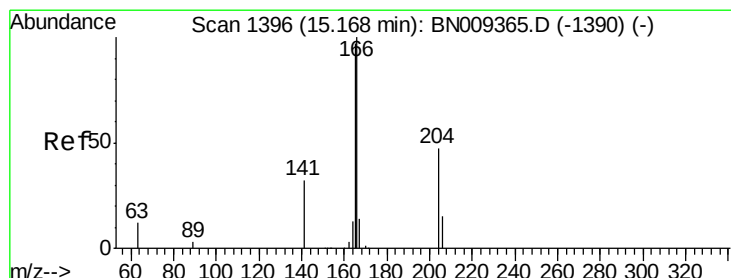
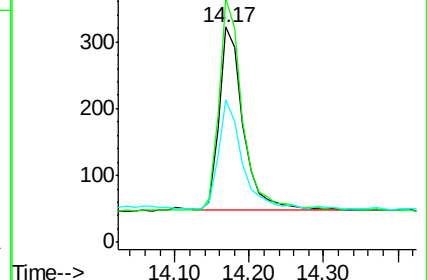
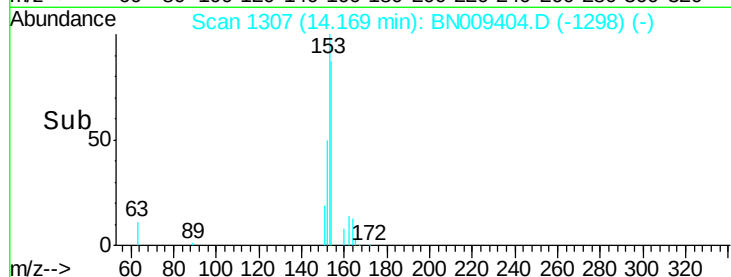
152 58.8 45.3 67.9



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: 0.085 ng

RT: 15.18 min Scan# 1398

Delta R.T. 0.02 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

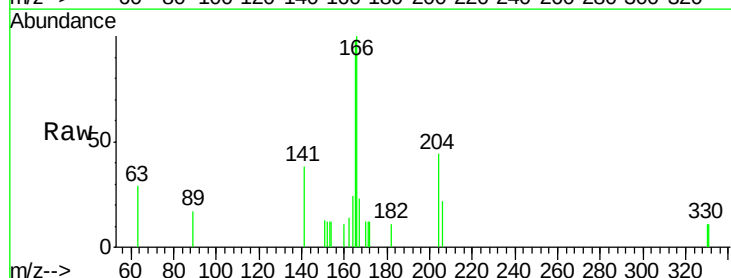
Tgt Ion:166 Resp: 812

Ion Ratio Lower Upper

166 100

165 96.7 78.2 117.2

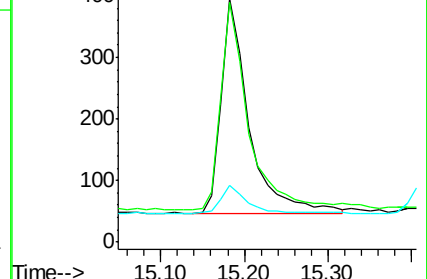
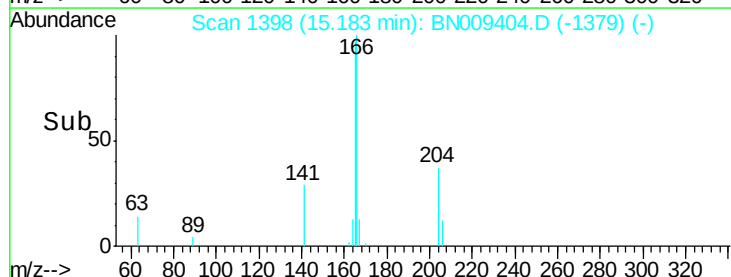
167 12.8 11.0 16.6

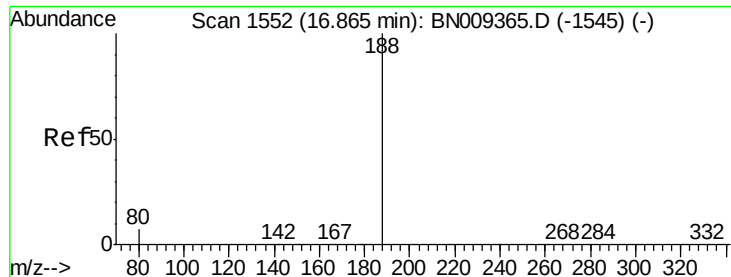


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.87 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :

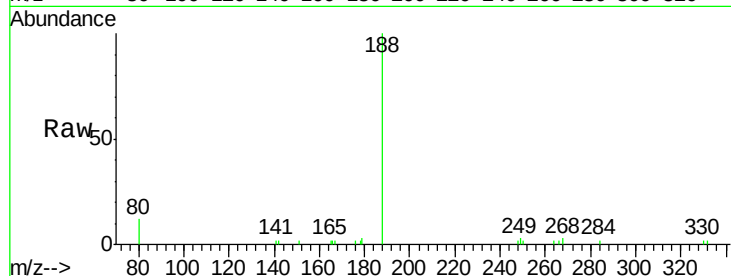
Tot Ion:188 Resp: 5397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

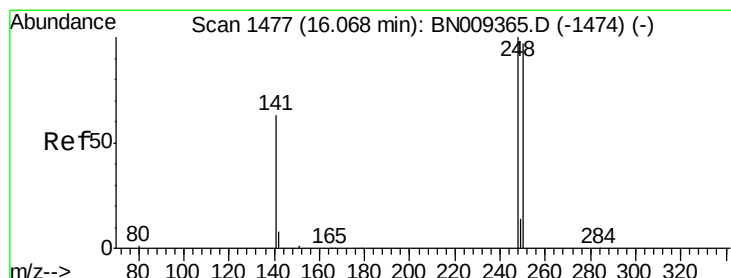
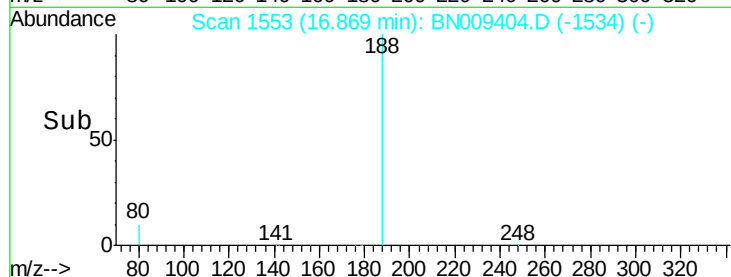
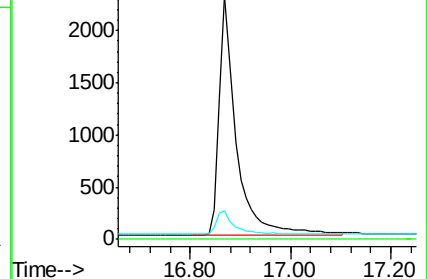
80 11.7 6.6 10.0#



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: 0.073 ng

RT: 16.08 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

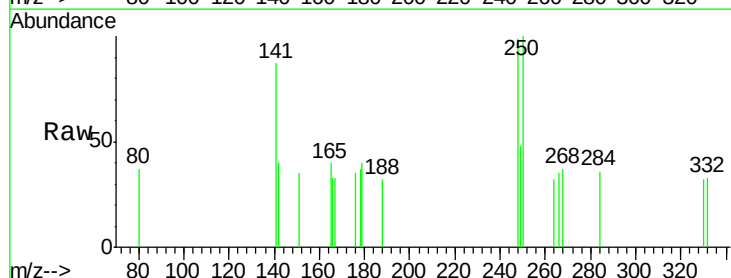
Tgt Ion:248 Resp: 236

Ion Ratio Lower Upper

248 100

250 100.7 77.8 116.8

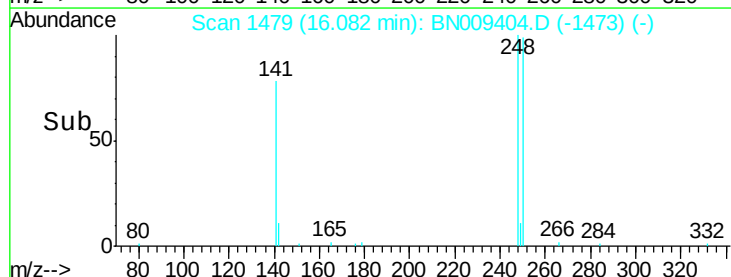
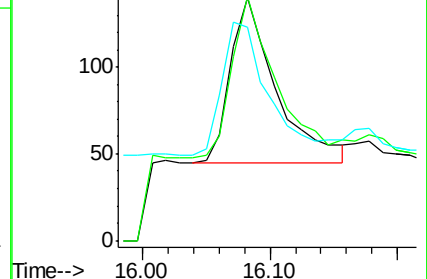
141 87.9 53.4 80.0#

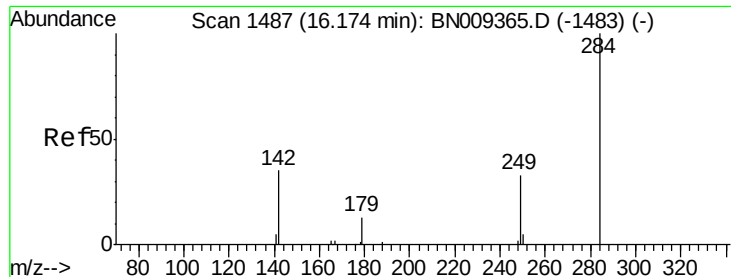


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.081 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :

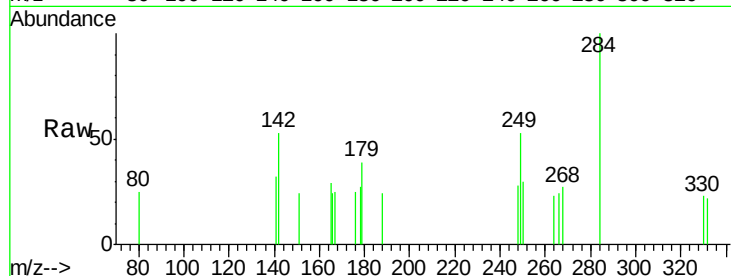
Tot Ion:284 Resp: 281

Ion Ratio Lower Upper

284 100

142 45.6 33.8 50.8

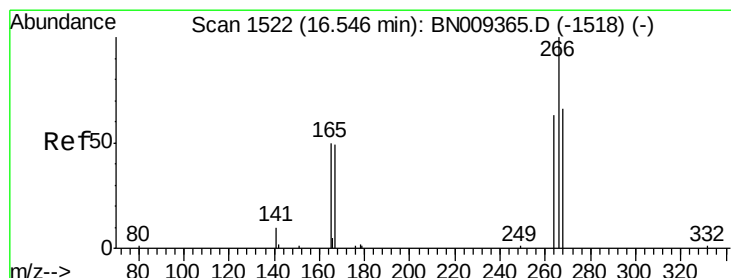
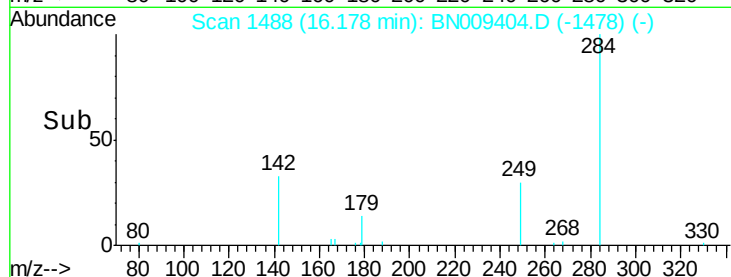
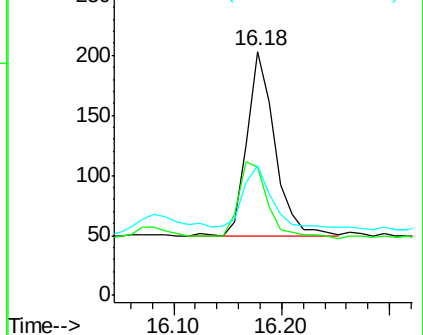
249 37.0 27.0 40.4



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: 0.147 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.04 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

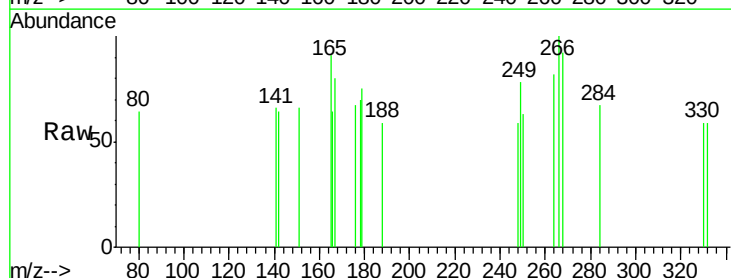
Tgt Ion:266 Resp: 143

Ion Ratio Lower Upper

266 100

264 81.6 57.8 86.6

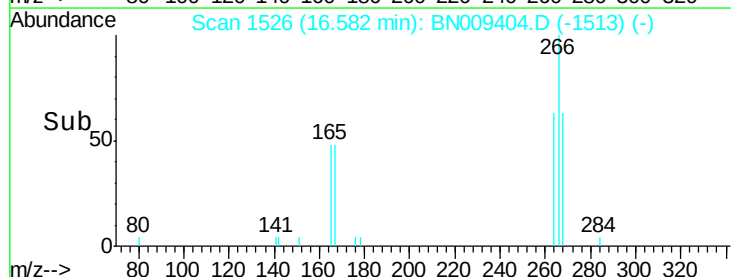
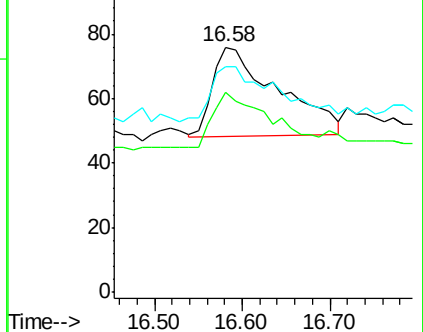
268 92.1 63.8 95.6

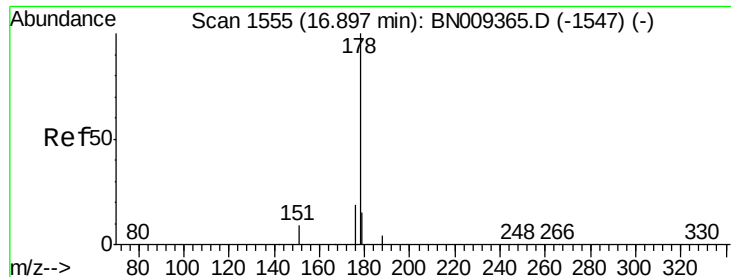


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.081 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :

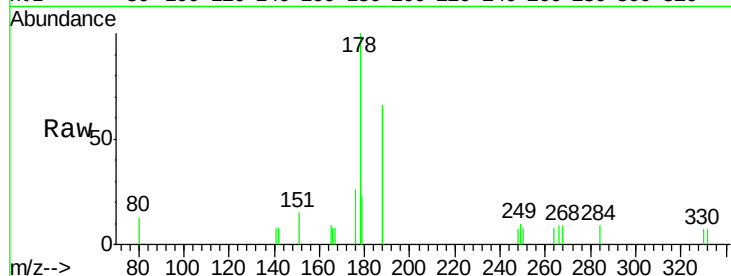
Tot Ion:178 Resp: 1306

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

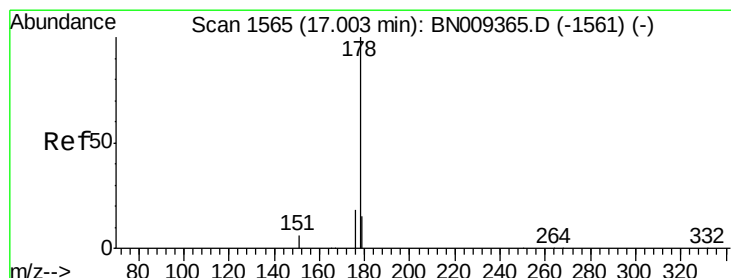
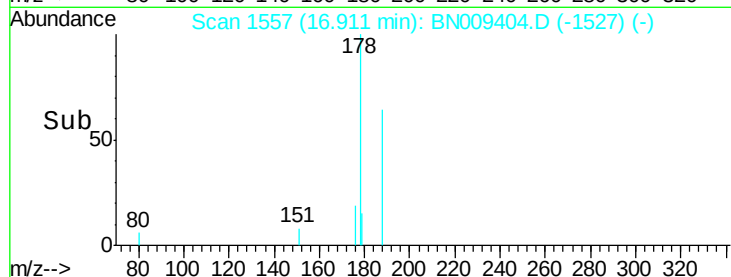
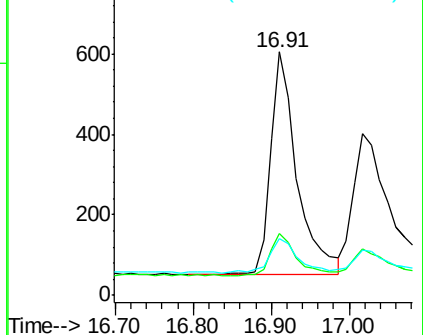
179 16.5 12.3 18.5



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: 0.073 ng

RT: 17.02 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

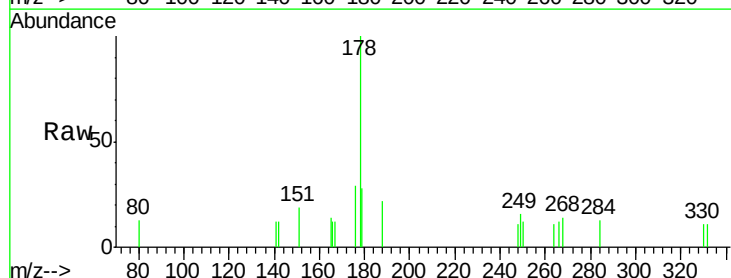
Tgt Ion:178 Resp: 990

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

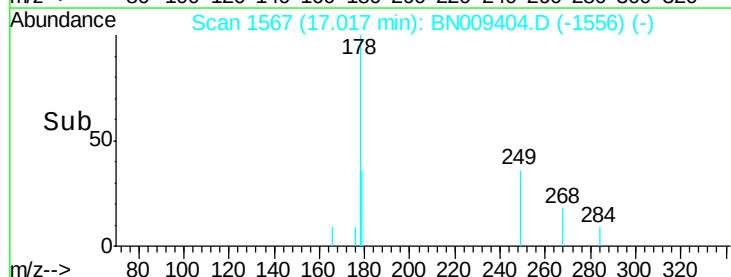
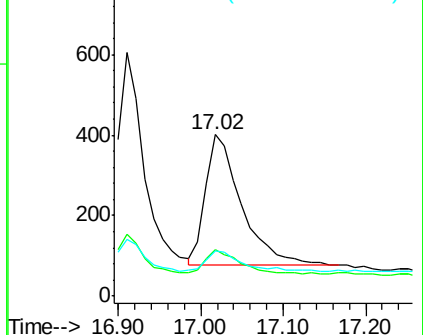
179 15.2 12.5 18.7

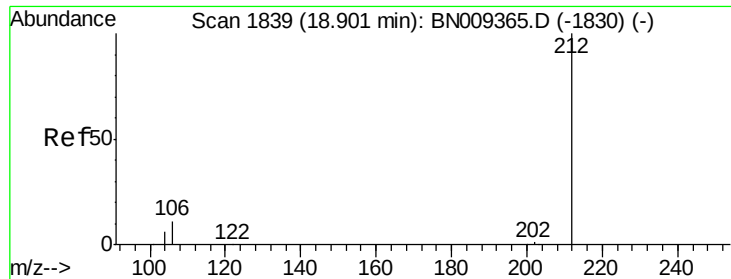


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.262 ng

RT: 18.90 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :

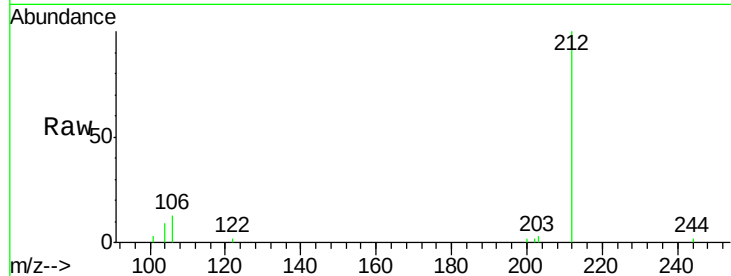
Tot Ion:212 Resp: 4849

Ion Ratio Lower Upper

212 100

106 11.1 9.2 13.8

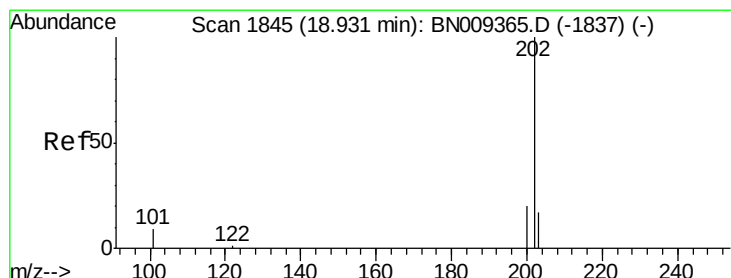
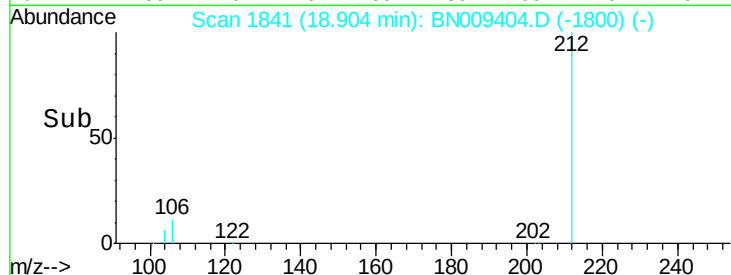
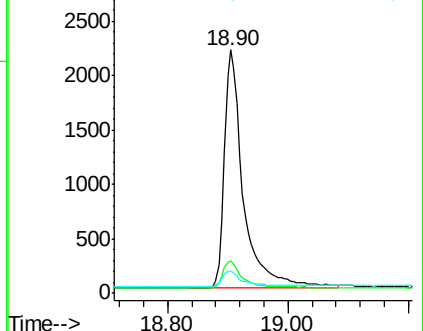
104 7.0 5.4 8.0



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: 0.082 ng

RT: 18.93 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

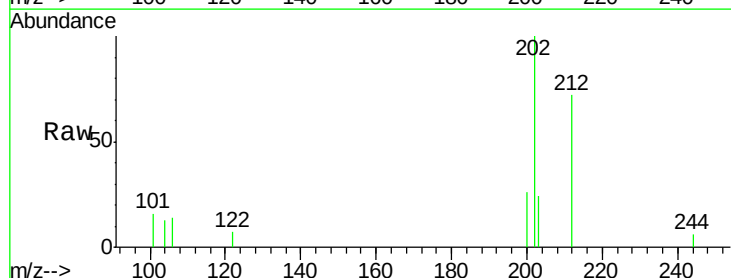
Tgt Ion:202 Resp: 1560

Ion Ratio Lower Upper

202 100

101 9.2 8.0 12.0

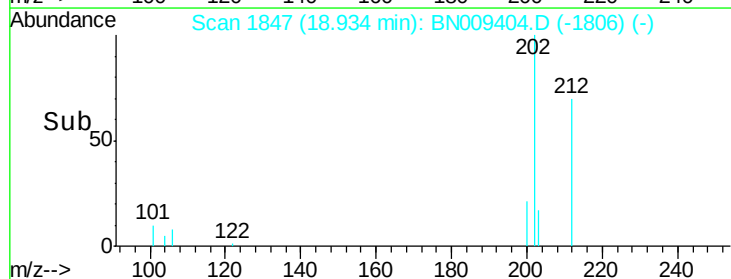
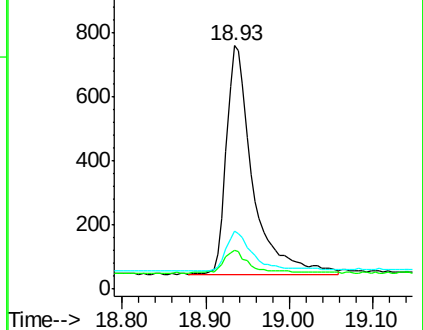
203 17.1 13.5 20.3

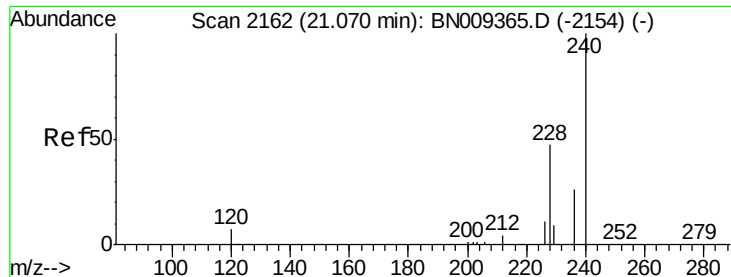


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampled :

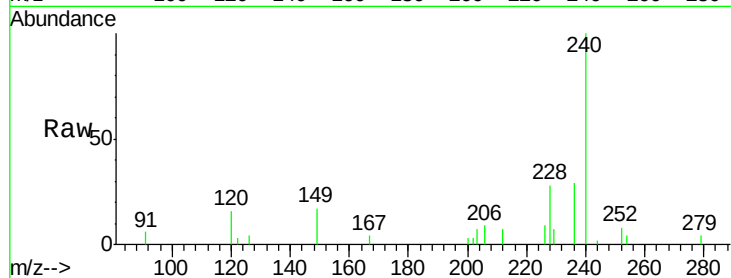
Tot Ion:240 Resp: 4616

Ion Ratio Lower Upper

240 100

120 16.0 8.1 12.1#

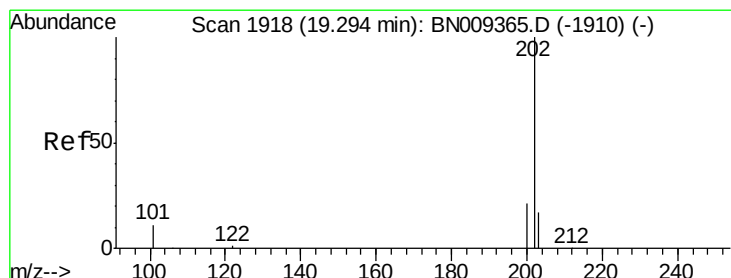
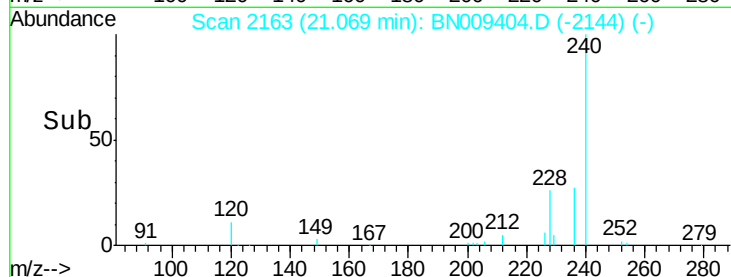
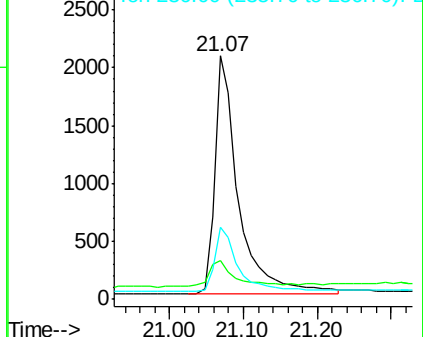
236 29.5 22.2 33.4



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: 0.091 ng

RT: 19.30 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

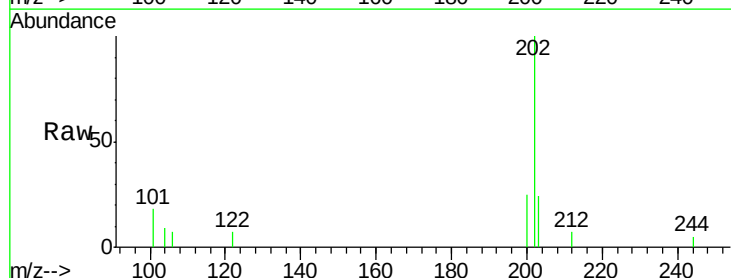
Tgt Ion:202 Resp: 1590

Ion Ratio Lower Upper

202 100

200 21.3 16.2 24.2

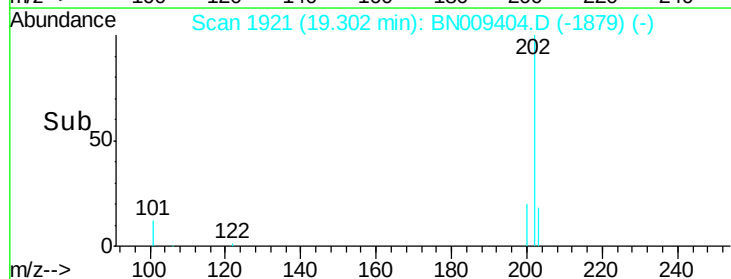
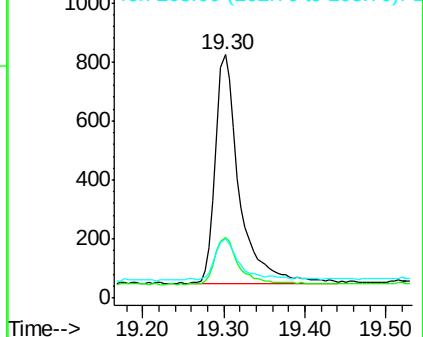
203 18.6 14.1 21.1

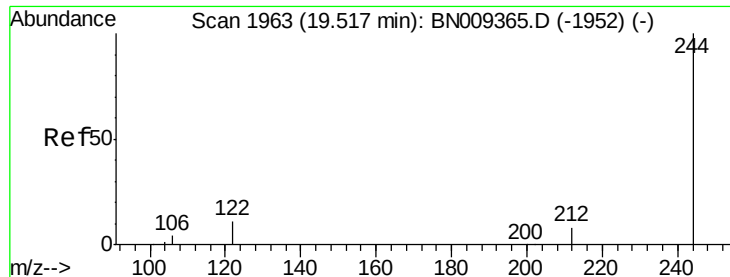


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.357 ng

RT: 19.52 min Scan# 1965

Delta R.T. 0.00 min

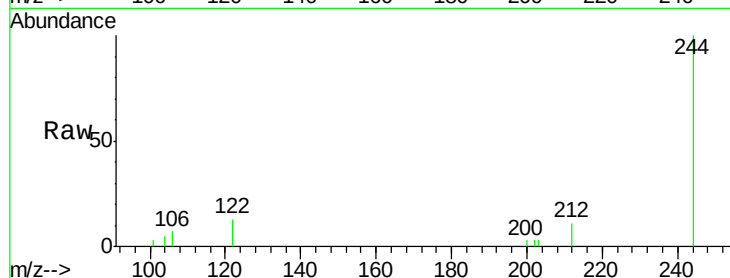
Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampled :



Tot Ion:244 Resp: 3906

Ion Ratio Lower Upper

244 100

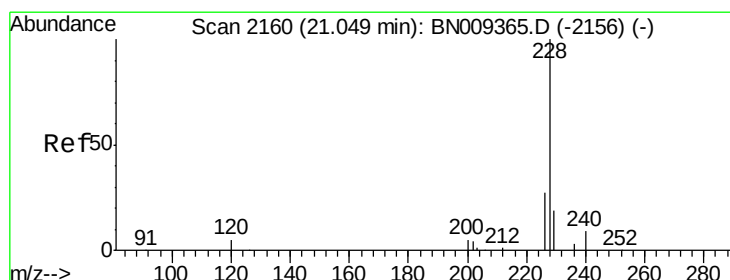
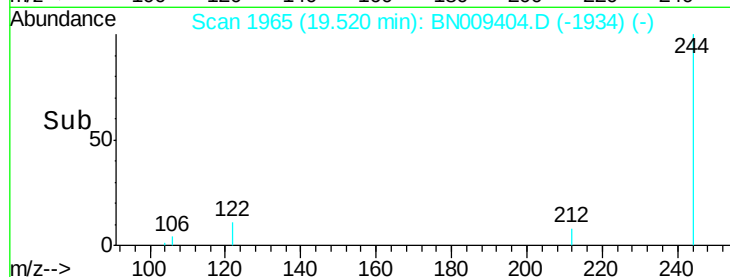
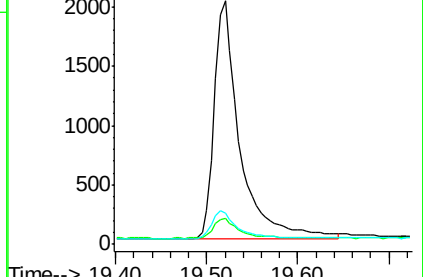
212 10.8 7.5 11.3

122 12.9 9.8 14.6

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: 0.079 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.02 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Tgt Ion:228 Resp: 1195

Ion Ratio Lower Upper

228 100

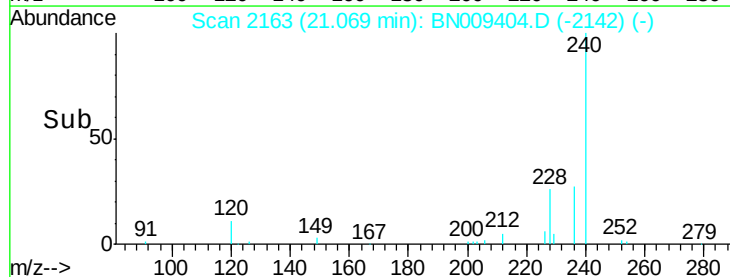
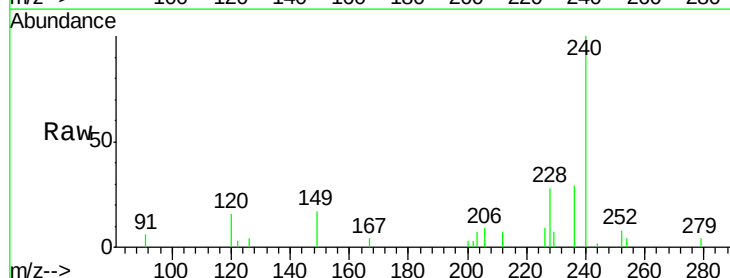
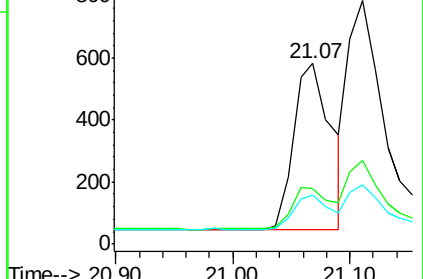
226 30.9 22.5 33.7

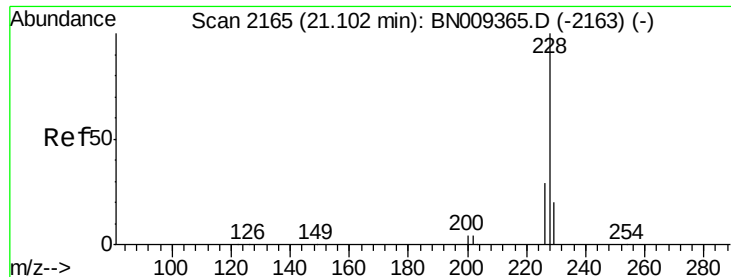
229 27.0 16.1 24.1#

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: 0.089 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampled :

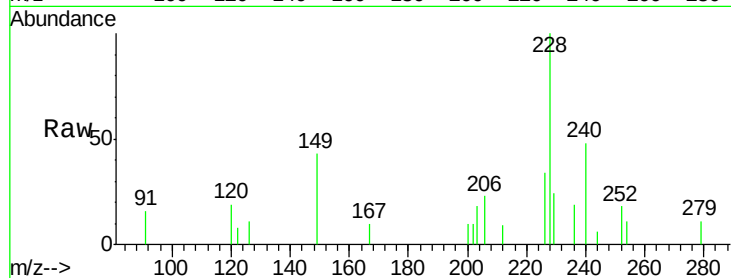
Tot Ion:228 Resp: 1543

Ion Ratio Lower Upper

228 100

226 34.3 23.8 35.8

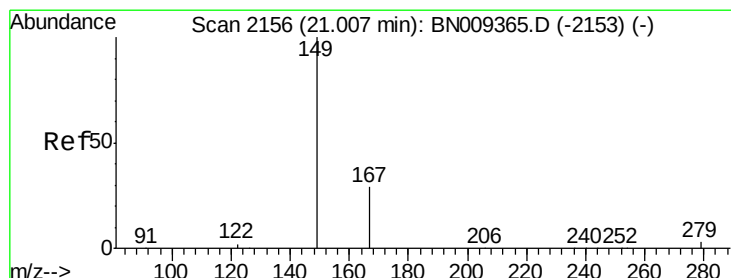
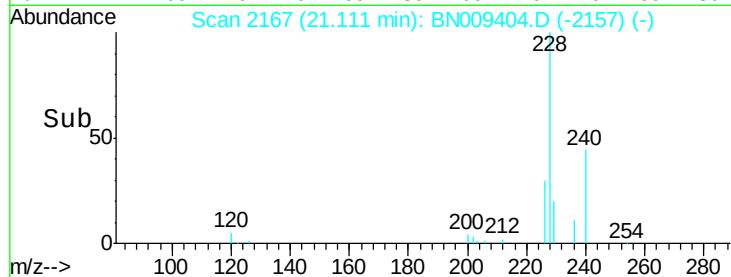
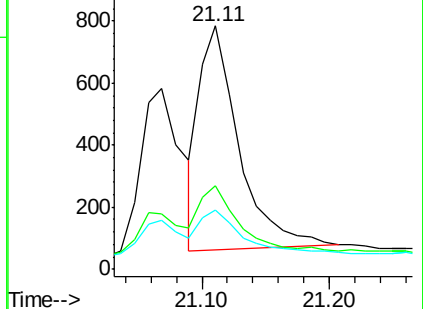
229 24.5 16.6 24.8



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: 0.088 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

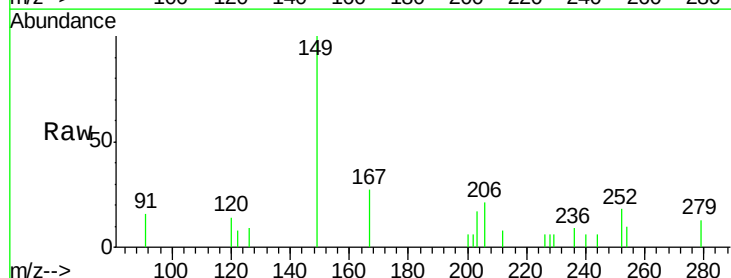
Tgt Ion:149 Resp: 588

Ion Ratio Lower Upper

149 100

167 27.2 22.9 34.3

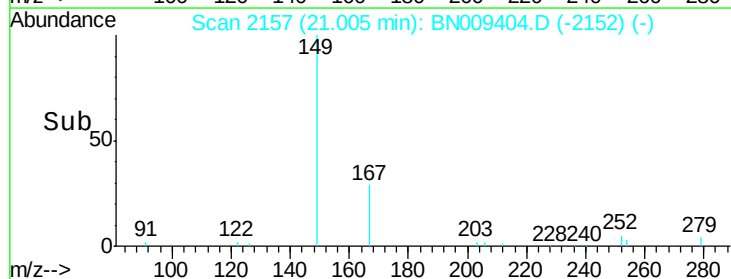
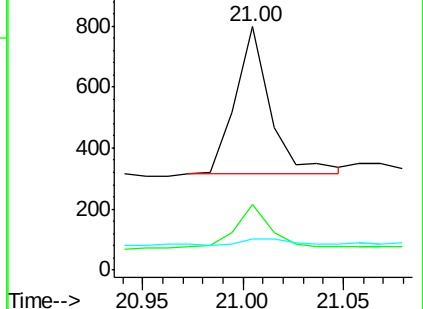
279 5.6 3.4 5.0#

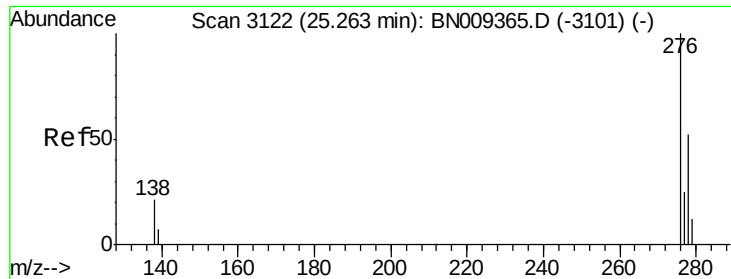


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

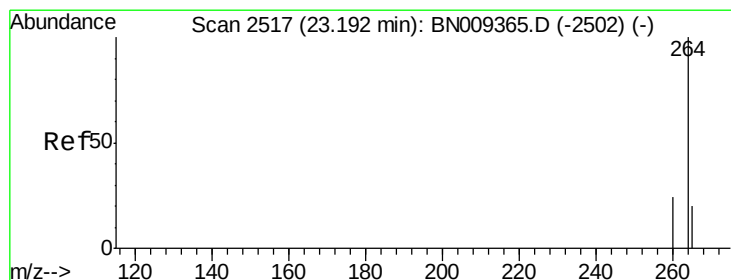
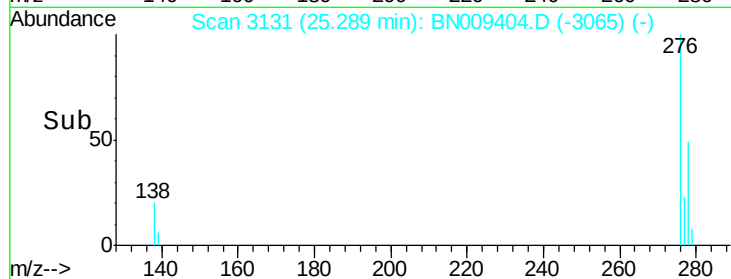
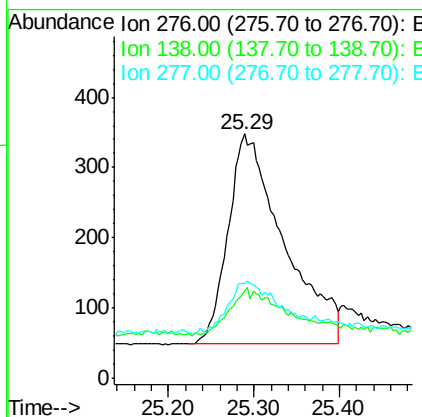
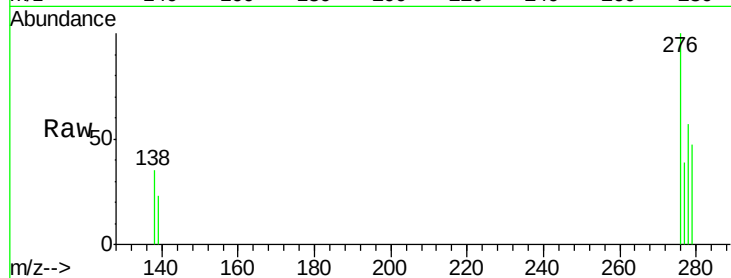




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.075 ng
 RT: 25.29 min Scan# 3131
 Delta R.T. 0.03 min
 Lab File: BN009404.D
 Acq: 20 Jan 2020 15:49

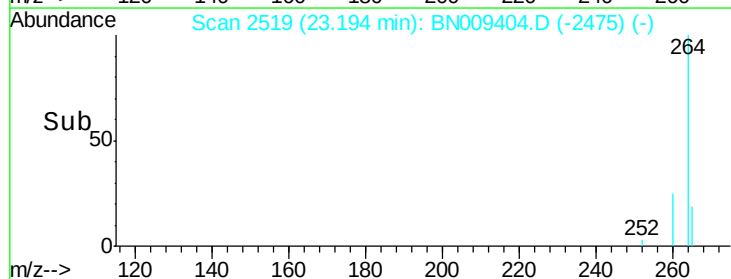
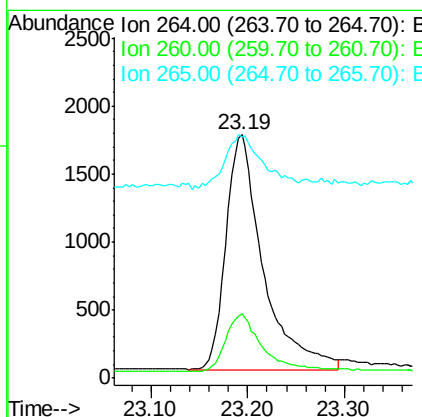
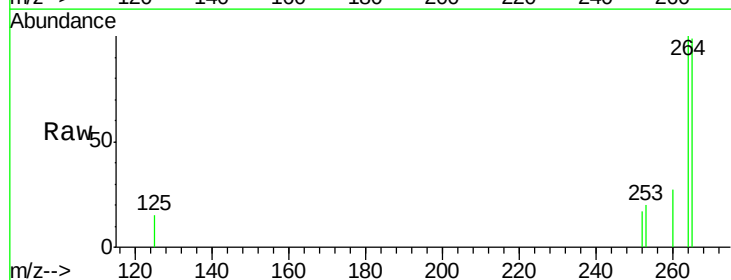
Instrument :
 BNA_N
 ClientSampleId :

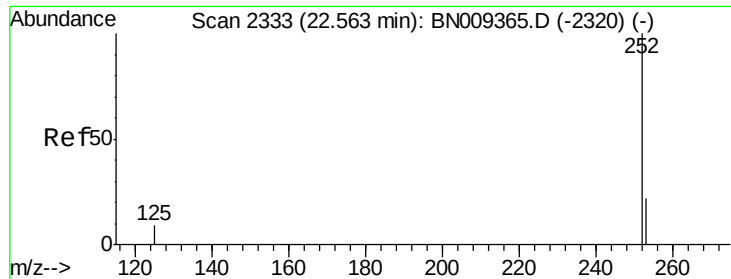
Tot Ion:276 Resp: 1358
 Ion Ratio Lower Upper
 276 100
 138 7.9 15.9 23.9#
 277 20.5 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BN009404.D
 Acq: 20 Jan 2020 15:49

Tgt Ion:264 Resp: 4623
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.1 30.1
 265 98.8 68.2 102.4





#35

Benzo(b)fluoranthene

Concen: 0.074 ng

RT: 22.57 min Scan# 2337

Delta R.T. 0.01 min

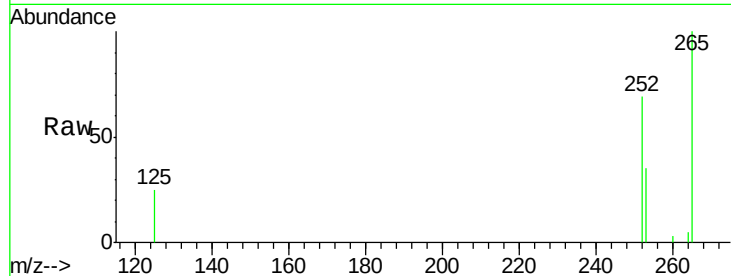
Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampled :



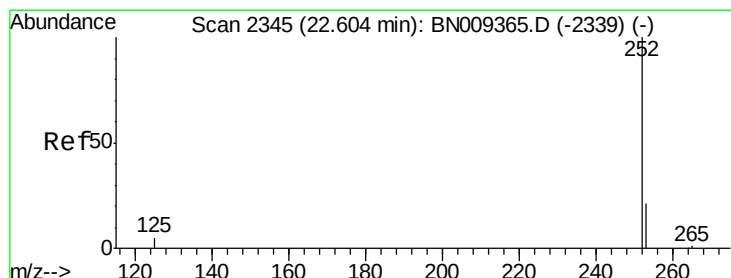
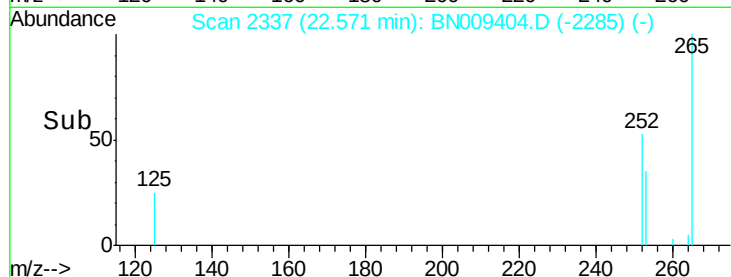
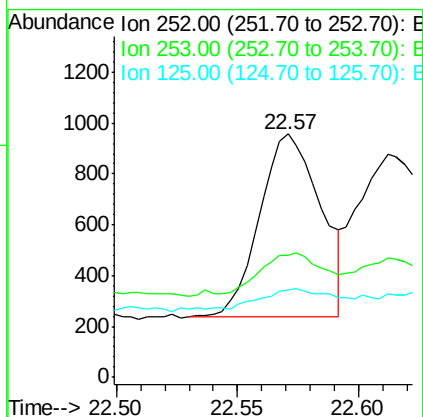
Tot Ion:252 Resp: 1257

Ion Ratio Lower Upper

252 100

253 50.2 22.4 33.6#

125 36.1 11.6 17.4#



#36

Benzo(k)fluoranthene

Concen: 0.087 ng

RT: 22.61 min Scan# 2349

Delta R.T. 0.01 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

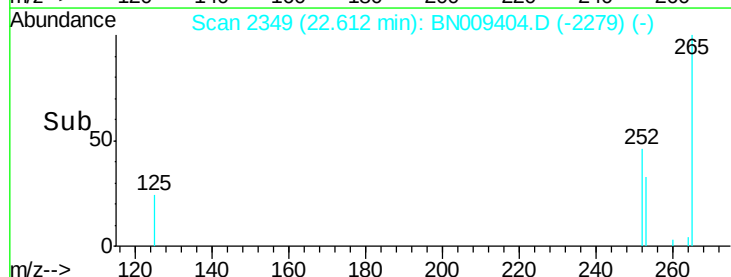
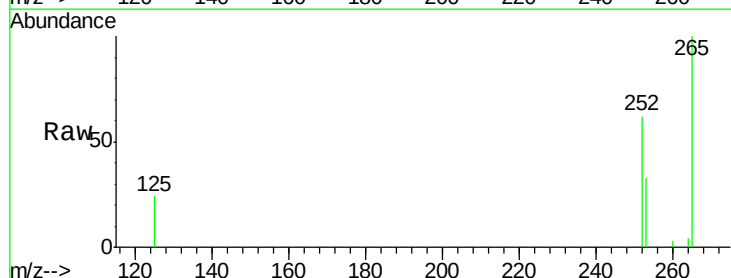
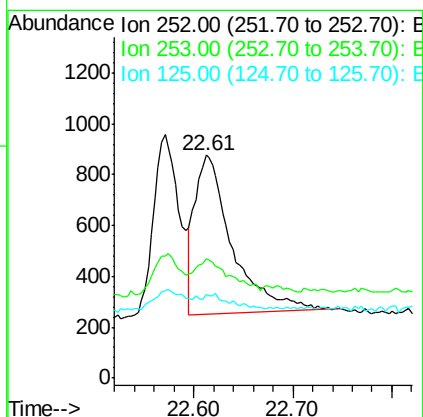
Tgt Ion:252 Resp: 1636

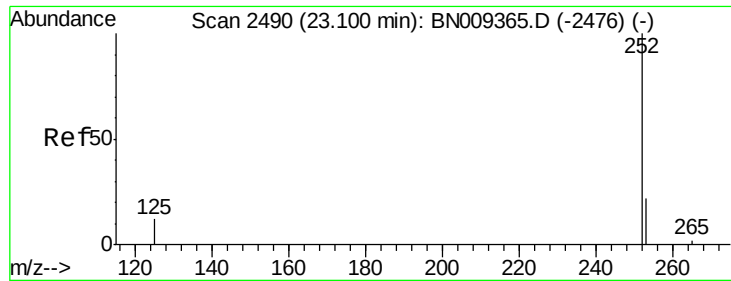
Ion Ratio Lower Upper

252 100

253 53.8 21.9 32.9#

125 37.8 12.0 18.0#





#37

Benzo(a)pyrene

Concen: 0.086 ng

RT: 23.11 min Scan# 2495

Delta R.T. 0.01 min

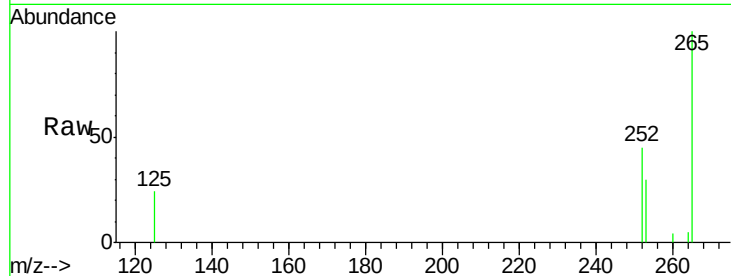
Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampled :



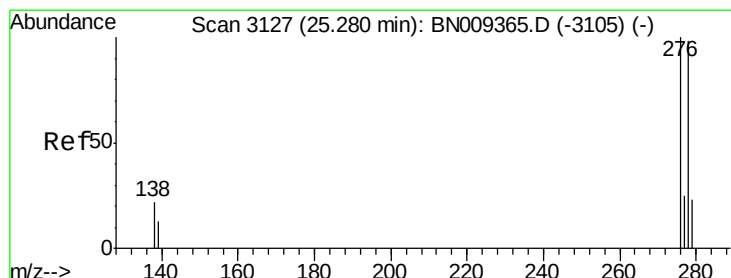
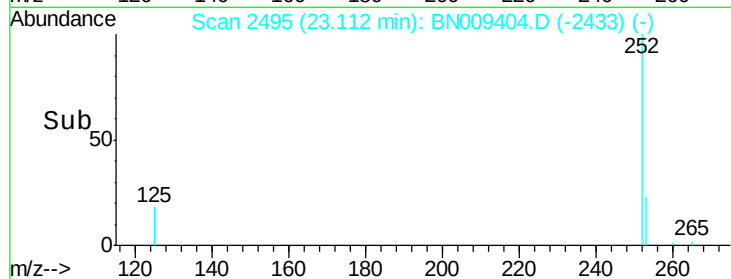
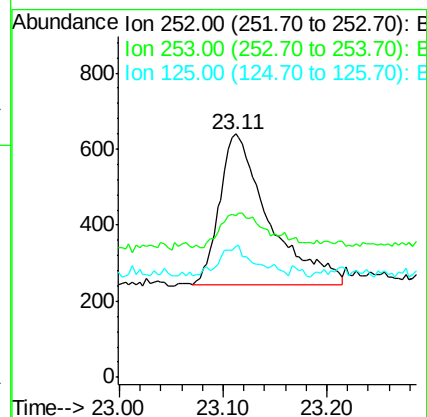
Tot Ion:252 Resp: 1294

Ion Ratio Lower Upper

252 100

253 66.6 25.4 38.0#

125 53.6 16.2 24.2#



#38

Dibenzo(a,h)anthracene

Concen: 0.024 ng

RT: 25.31 min Scan# 3136

Delta R.T. 0.03 min

Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

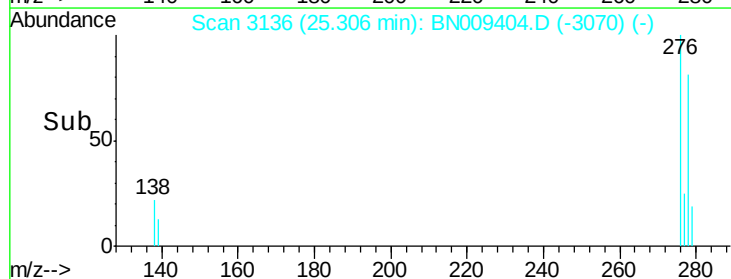
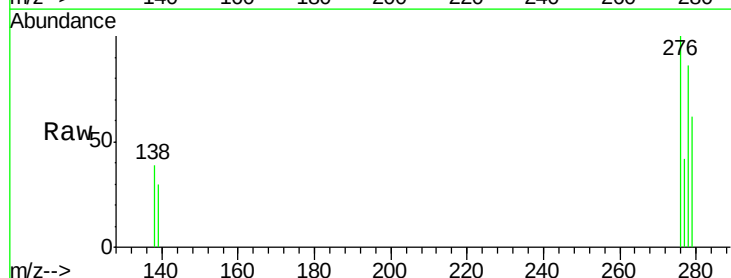
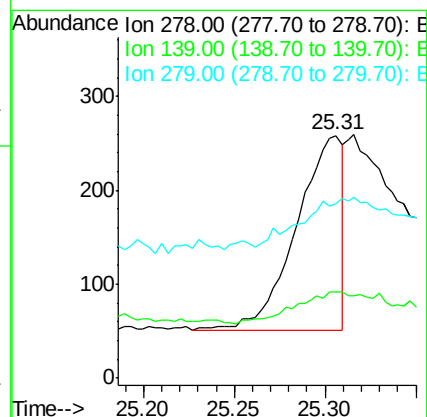
Tgt Ion:278 Resp: 366

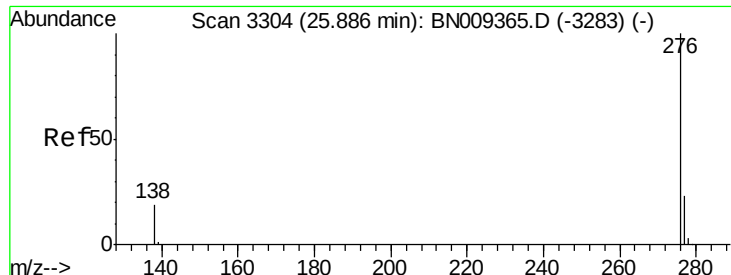
Ion Ratio Lower Upper

278 100

139 35.3 14.5 21.7#

279 72.1 24.2 36.4#





#39

Benzo(a,h,i)perylene

Concen: 0.089 ng

RT: 25.90 min Scan# 3311

Delta R.T. 0.02 min

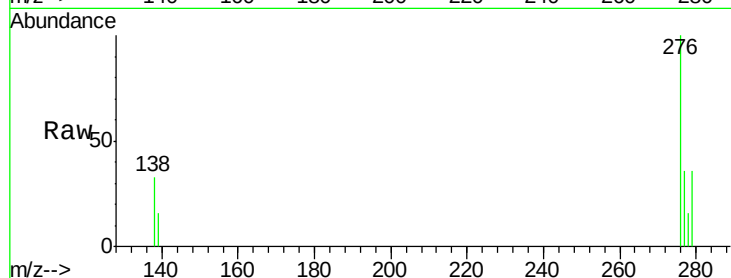
Lab File: BN009404.D

Acq: 20 Jan 2020 15:49

Instrument :

BNA_N

ClientSampleId :



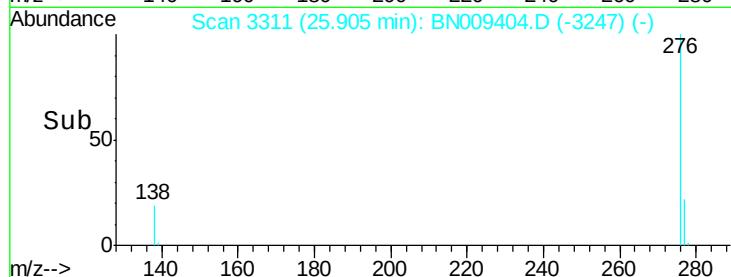
Tot Ion: 276 Resp: 1480

Ion Ratio Lower Upper

276 100

277 35.8 20.6 30.8#

138 32.8 17.1 25.7#



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

