

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
 Data File : BN009386.D
 Acq On : 16 Jan 2020 15:59
 Operator : JU
 Sample : K3591-03
 Misc : MDL-MDL-S-0.1NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 16 16:37:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1606	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5459	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	3475	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7660	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6514	0.40	ng	0.00
34) Perylene-d12	23.19	264	6664	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1448	0.39	ng	0.00
5) Phenol-d6	6.69	99	1657	0.39	ng	0.00
8) Nitrobenzene-d5	8.64	82	1448	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3218	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	432	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.74	172	4663	0.36	ng	0.01
25) Fluoranthene-d10	18.90	212	7962	0.30	ng	0.00
29) Terphenyl-d14	19.51	244	6307	0.41	ng	0.00

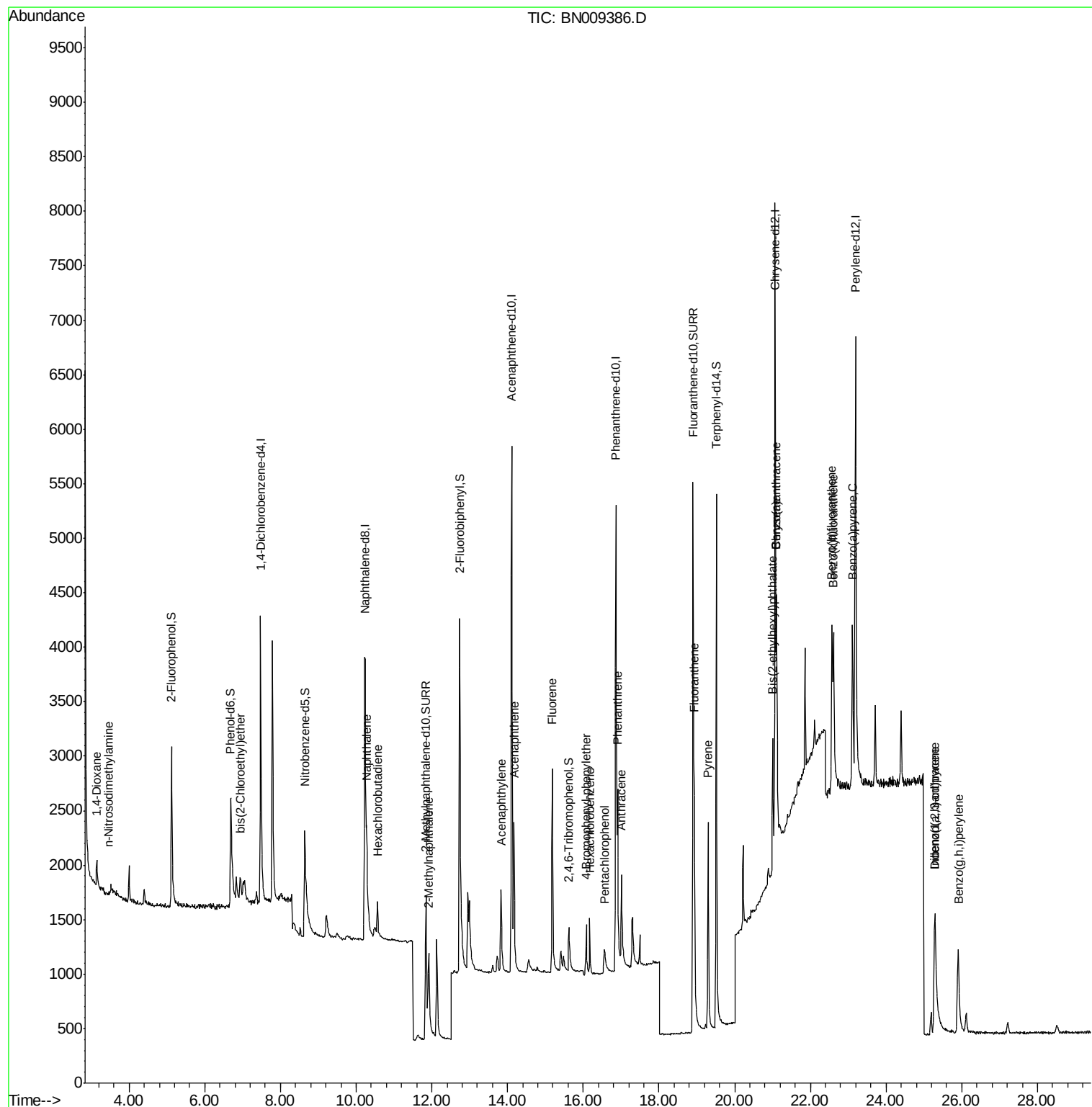
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	149	0.089	ng	# 85
3) n-Nitrosodimethylamine	3.46	42	17	0.007	ng	# 23
6) bis(2-Chloroethyl)ether	6.94	93	357	0.081	ng	# 88
9) Naphthalene	10.28	128	1325	0.090	ng	# 83
10) Hexachlorobutadiene	10.57	225	268	0.083	ng	# 100
12) 2-Methylnaphthalene	11.92	142	888	0.086	ng	# 95
16) Acenaphthylene	13.83	152	1173	0.078	ng	# 98
17) Acenaphthene	14.18	154	877	0.083	ng	# 97
18) Fluorene	15.18	166	1125	0.082	ng	# 98
20) 4-Bromophenyl-phenylether	16.08	248	363	0.079	ng	# 93
21) Hexachlorobenzene	16.17	284	394	0.080	ng	# 95
22) Pentachlorophenol	16.56	266	260	0.189	ng	# 98
23) Phenanthrene	16.91	178	1876	0.082	ng	# 99
24) Anthracene	17.01	178	1469	0.076	ng	# 99
26) Fluoranthene	18.93	202	2228	0.083	ng	# 99
28) Pyrene	19.30	202	2258	0.091	ng	# 100
30) Benzo(a)anthracene	21.10	228	2281	0.107	ng	# 93
31) Chrysene	21.10	228	2296	0.094	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.01	149	936	0.099	ng	# 93
33) Indeno(1,2,3-cd)pyrene	25.28	276	2101	0.082	ng	# 93
35) Benzo(b)fluoranthene	22.57	252	1870	0.076	ng	# 61
36) Benzo(k)fluoranthene	22.61	252	2368	0.088	ng	# 64
37) Benzo(a)pyrene	23.11	252	1875	0.087	ng	# 3
38) Dibenzo(a,h)anthracene	25.30	278	1625	0.075	ng	# 59
39) Benzo(g,h,i)perylene	25.91	276	1947	0.082	ng	# 87

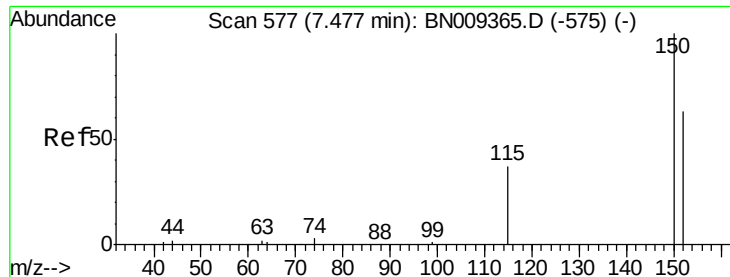
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
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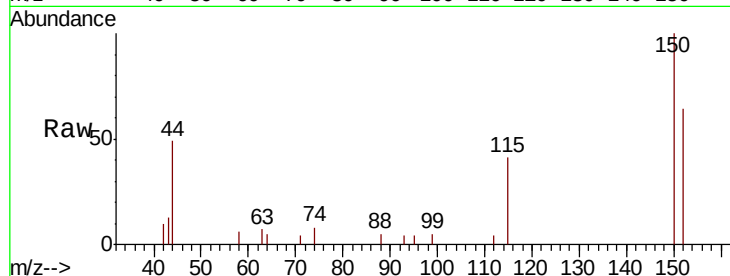


#1

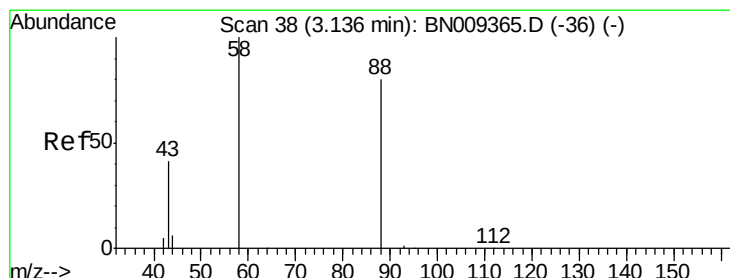
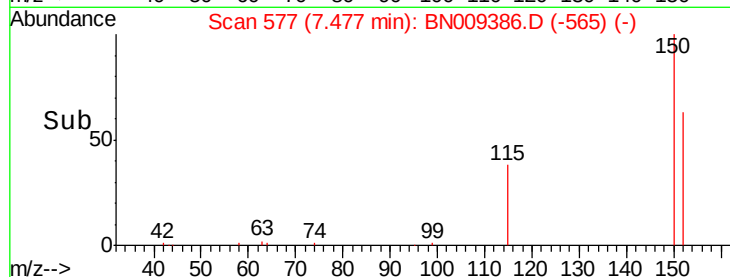
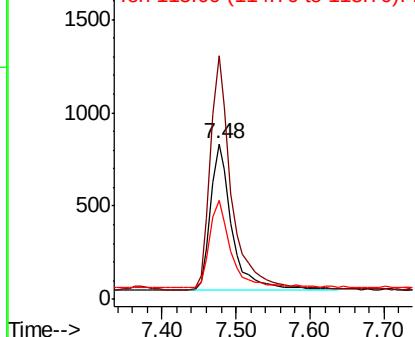
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1606
Ion Ratio Lower Upper
152 100
150 156.3 125.7 188.5
115 63.5 53.3 79.9



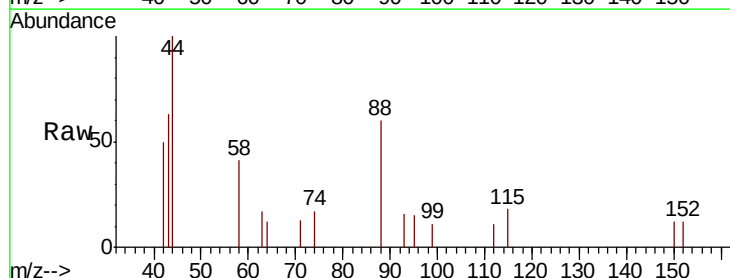
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



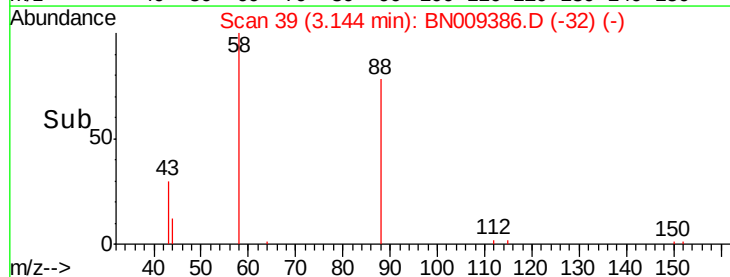
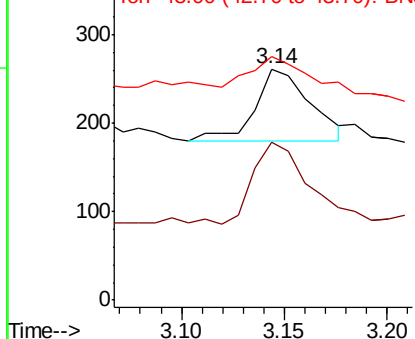
#2

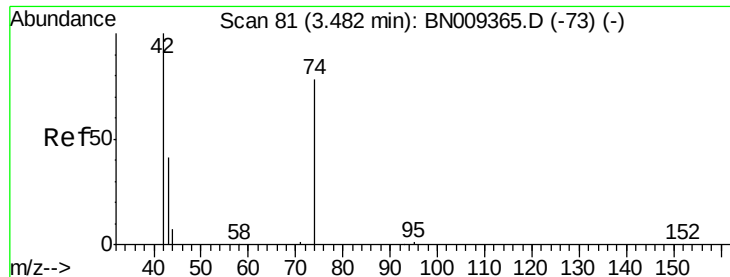
1,4-Dioxane
Concen: 0.089 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion: 88 Resp: 149
Ion Ratio Lower Upper
88 100
58 111.4 100.2 150.2
43 37.6 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



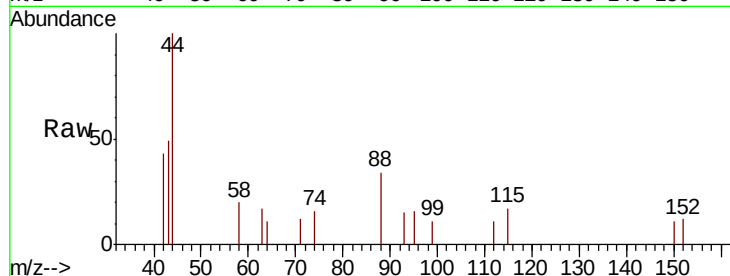


#3

n-Nitrosodimethylamine
 Concen: 0.007 ng
 RT: 3.46 min Scan# 78
 Delta R.T. -0.02 min
 Lab File: BN009386.D
 Acq: 16 Jan 2020 15:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	55.8	83.8#
44	0.0	11.1	16.7#

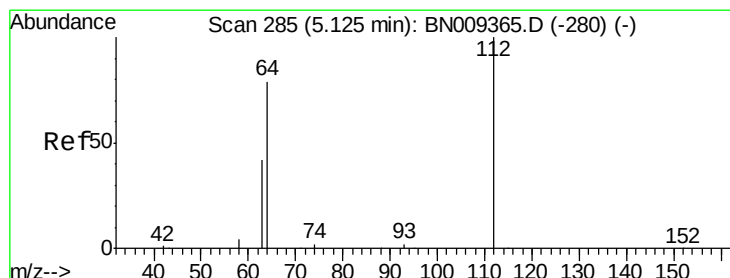
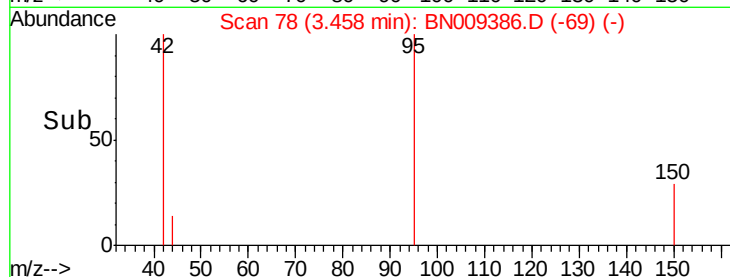
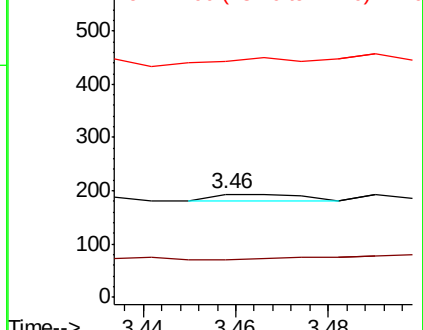


Abundance

Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

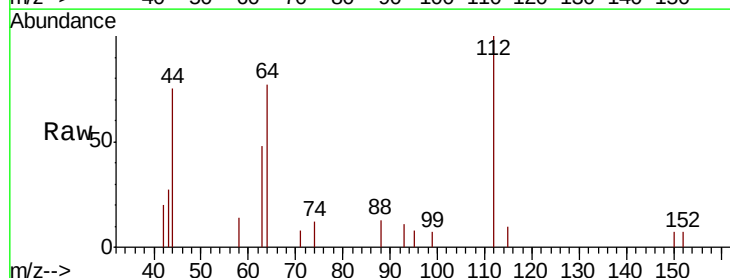
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol
 Concen: 0.392 ng
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009386.D
 Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	61.5	92.3
63	39.8	35.0	52.4

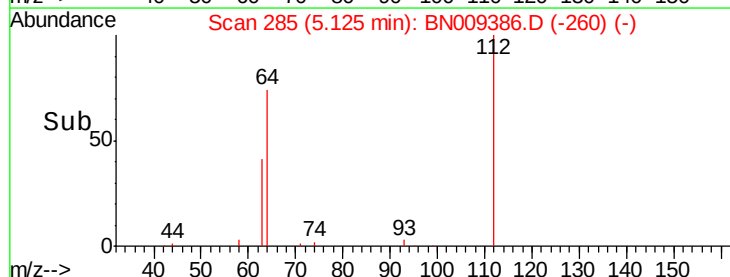
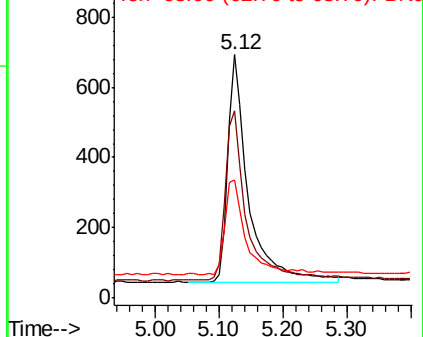


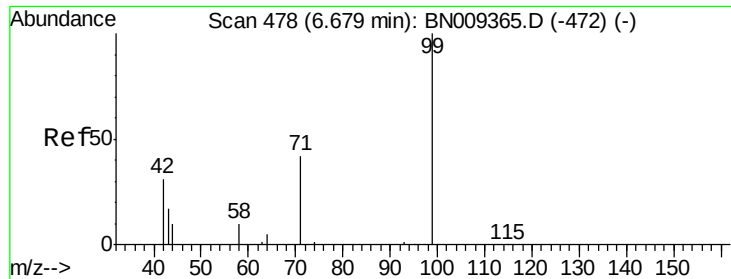
Abundance

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: 0.387 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

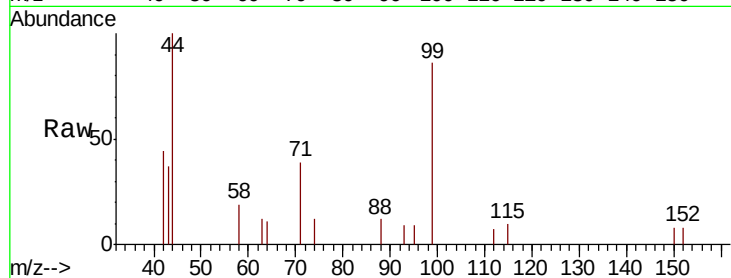
Tot Ion: 99 Resp: 1657

Ion Ratio Lower Upper

99 100

42 28.8 27.6 41.4

71 39.1 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009386.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009386.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009386.D (-472) (-)

6.69

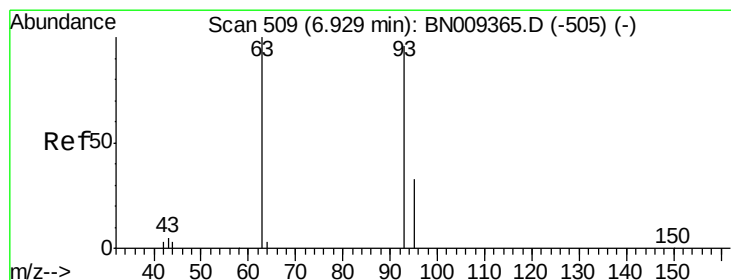
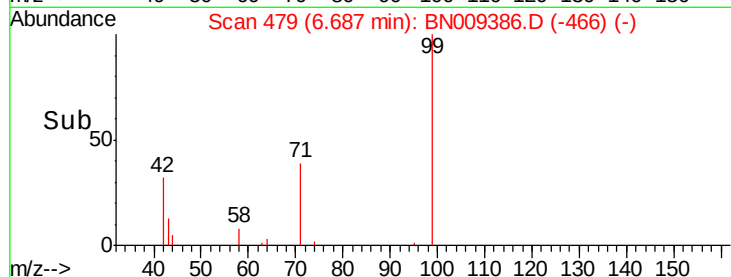
400

200

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.081 ng

RT: 6.94 min Scan# 510

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

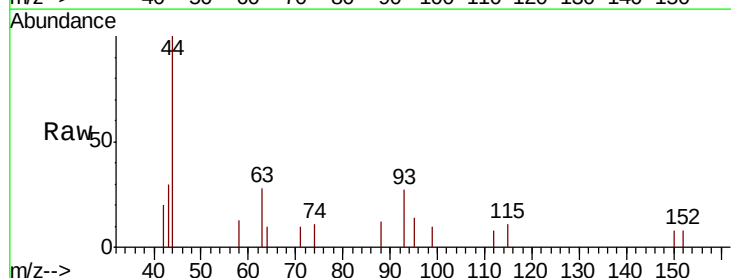
Tgt Ion: 93 Resp: 357

Ion Ratio Lower Upper

93 100

63 89.9 85.1 127.7

95 37.0 30.2 45.4



Abundance Ion 93.00 (92.70 to 93.70): BN009386.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN009386.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009386.D (-505) (-)

6.94

300

250

200

150

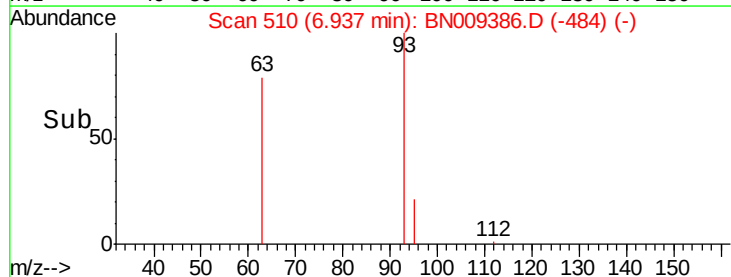
100

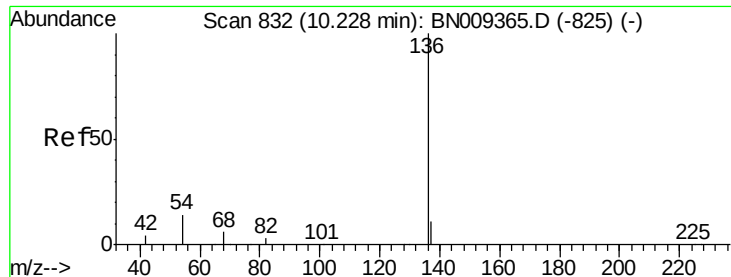
50

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 5459

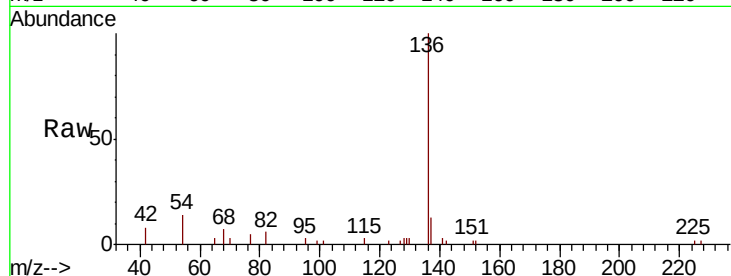
Ion Ratio Lower Upper

136 100

137 13.0 10.3 15.5

54 13.5 12.6 19.0

68 7.3 6.5 9.7

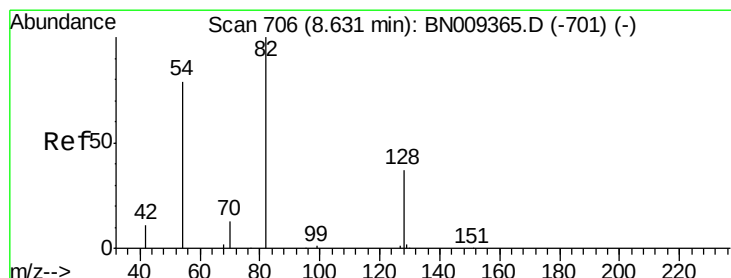
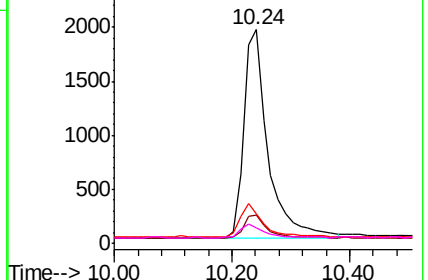
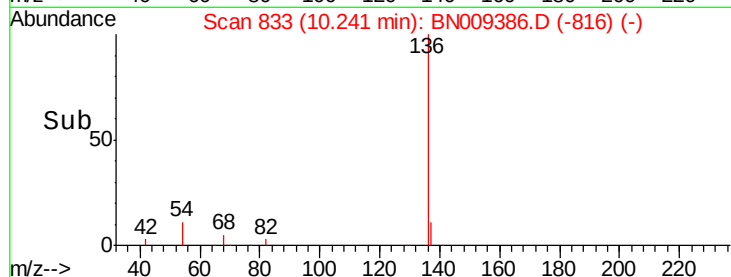


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

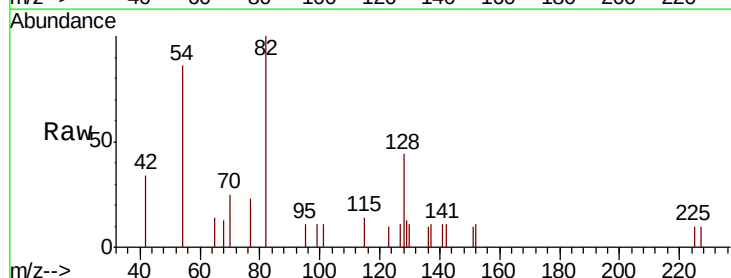
Tgt Ion: 82 Resp: 1448

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

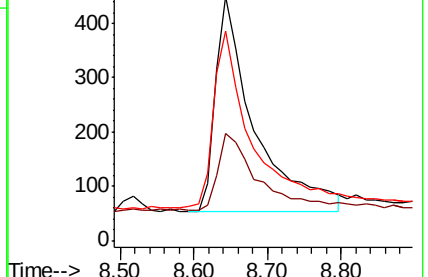
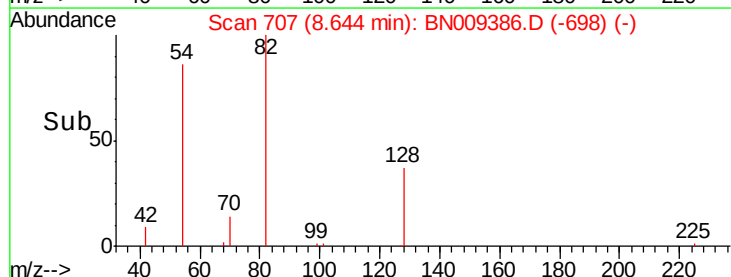
54 86.2 65.8 98.6

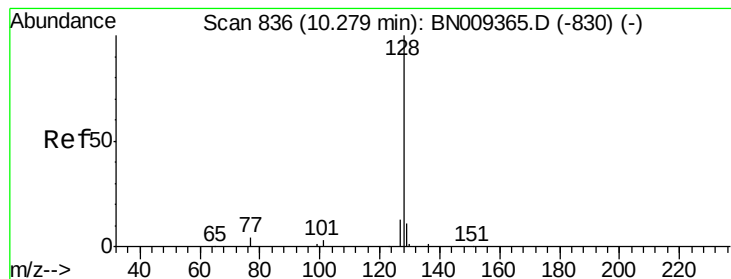


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.090 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

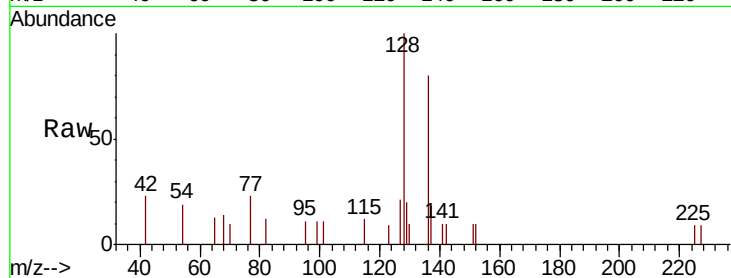
Tot Ion:128 Resp: 1325

Ion Ratio Lower Upper

128 100

129 19.8 10.4 15.6#

127 21.2 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

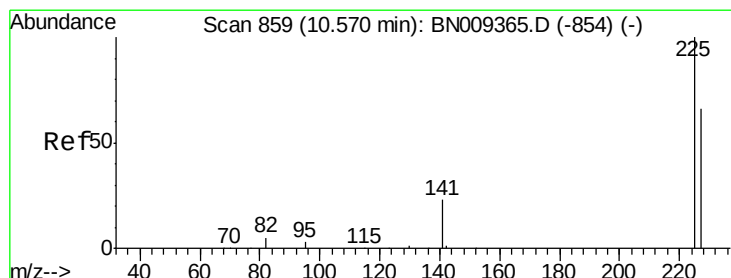
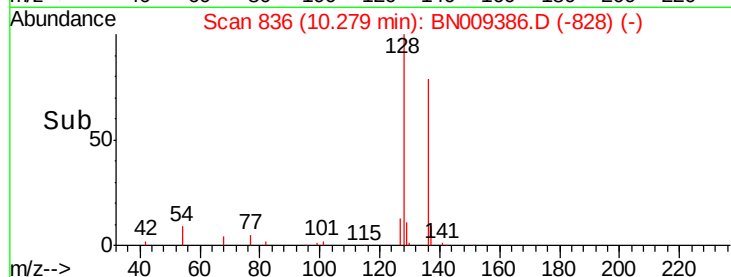
10.28

400

200

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.083 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

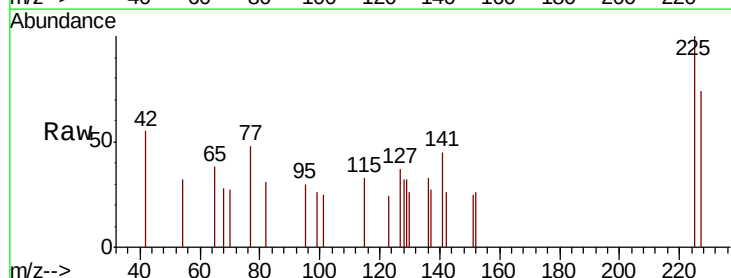
Tgt Ion:225 Resp: 268

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 65.7 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

10.57

250

200

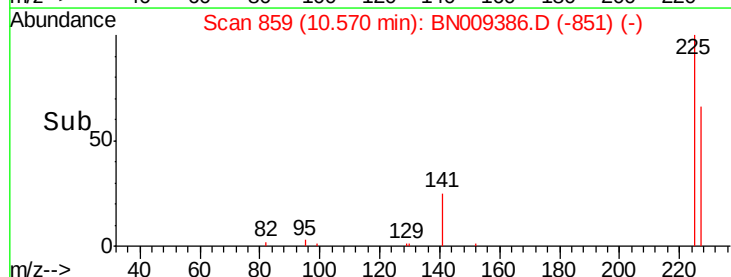
150

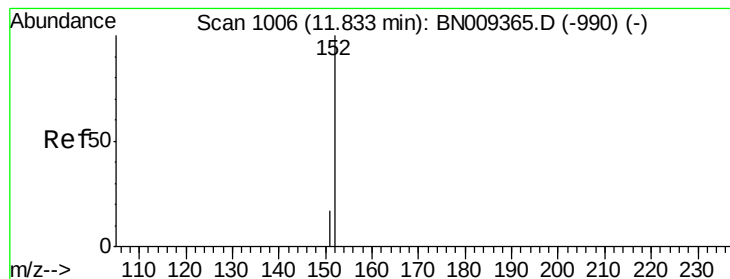
100

50

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 11.84 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

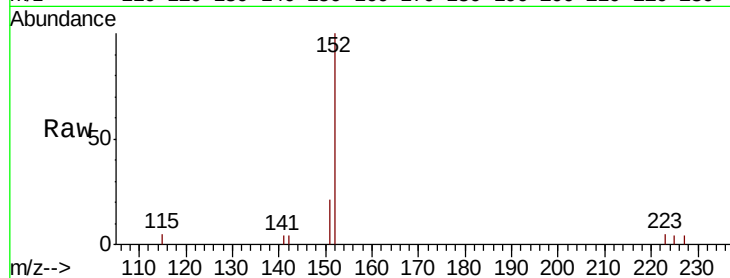
ClientSampleId :

Tot Ion:152 Resp: 3218

Ion Ratio Lower Upper

152 100

151 18.6 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

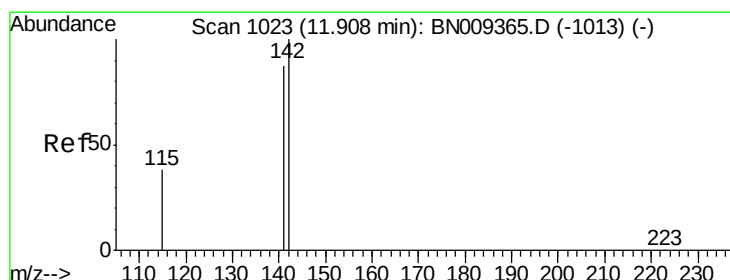
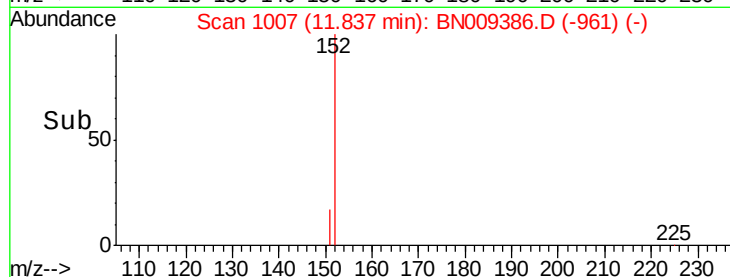
11.84

1000

500

0

Time--> 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.086 ng

RT: 11.92 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

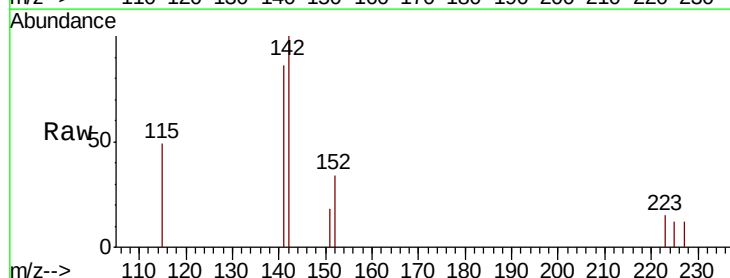
Tgt Ion:142 Resp: 888

Ion Ratio Lower Upper

142 100

141 85.6 69.8 104.6

115 48.8 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

11.92

500

400

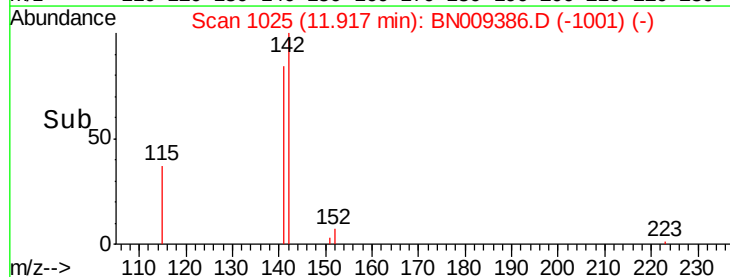
300

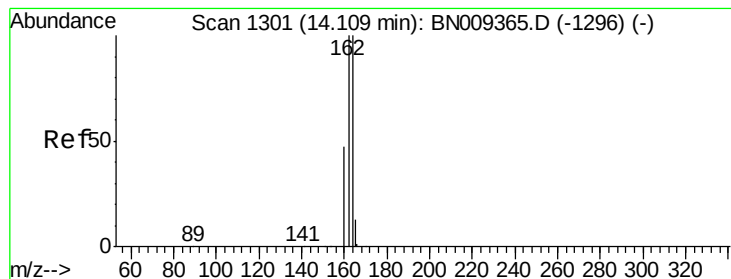
200

100

0

Time--> 11.80 11.90 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.11 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

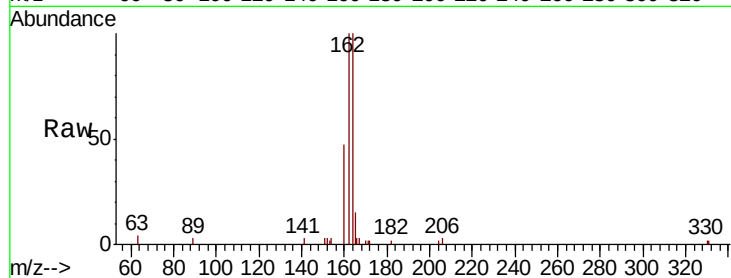
Tot Ion:164 Resp: 3475

Ion Ratio Lower Upper

164 100

162 100.2 79.8 119.6

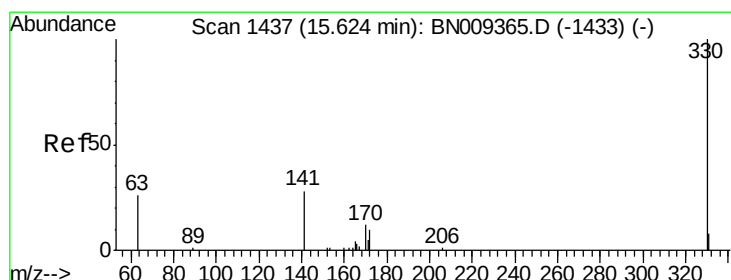
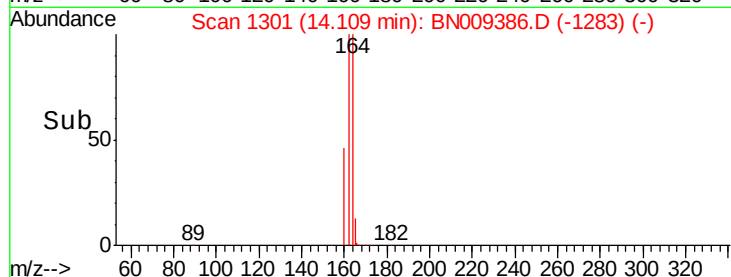
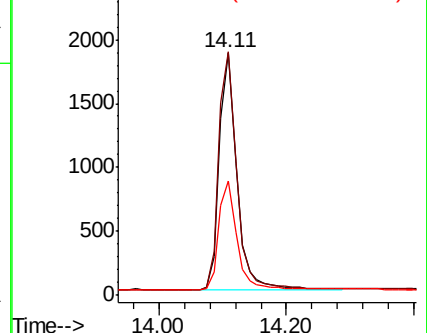
160 47.3 38.4 57.6



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: 0.329 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

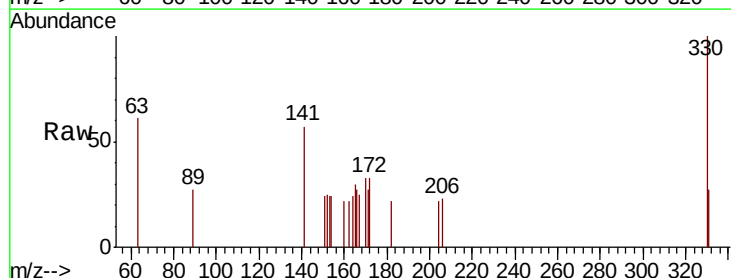
Tgt Ion:330 Resp: 432

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

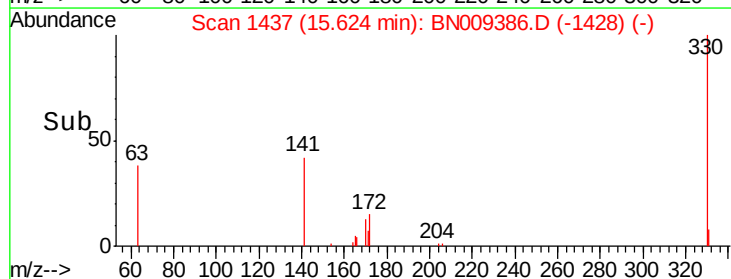
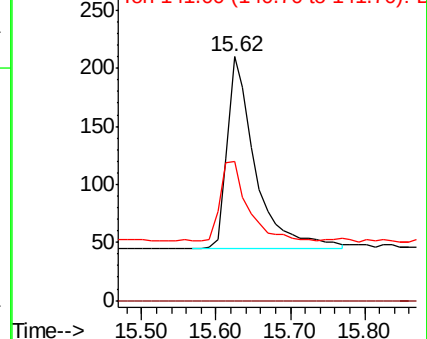
141 41.2 33.1 49.7

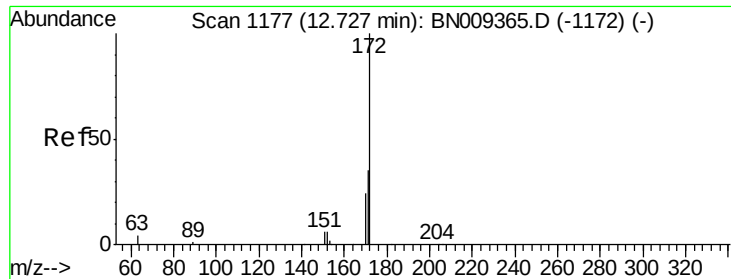


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

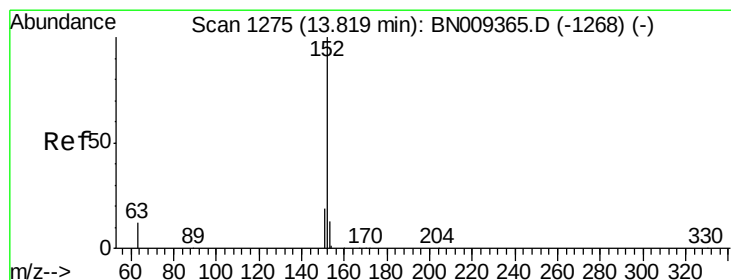
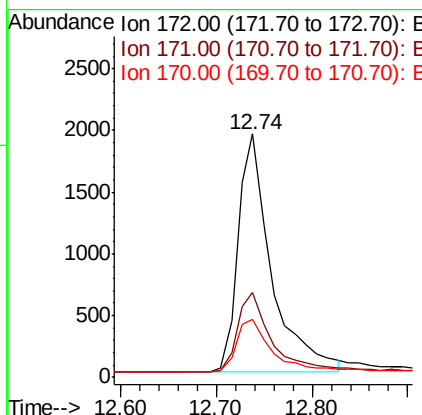
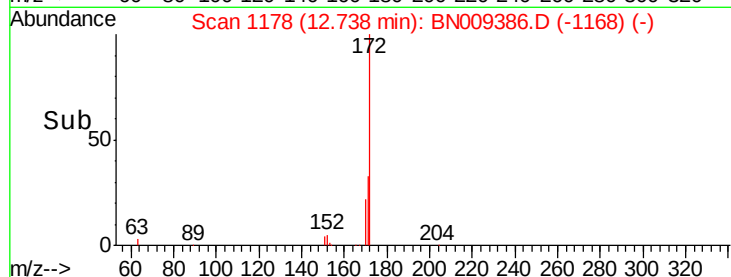
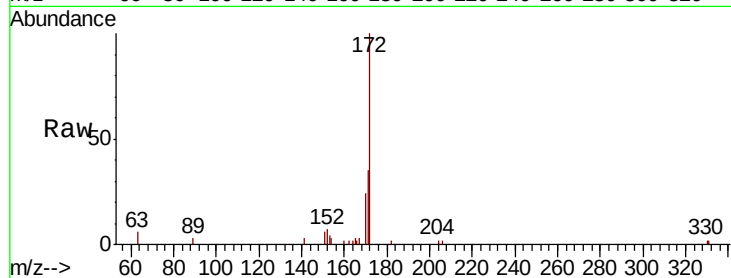




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

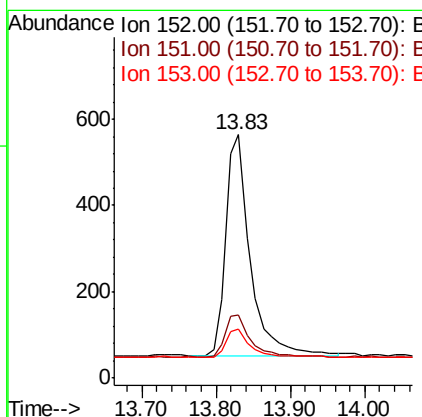
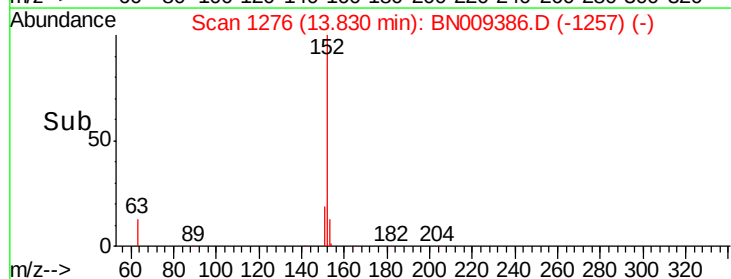
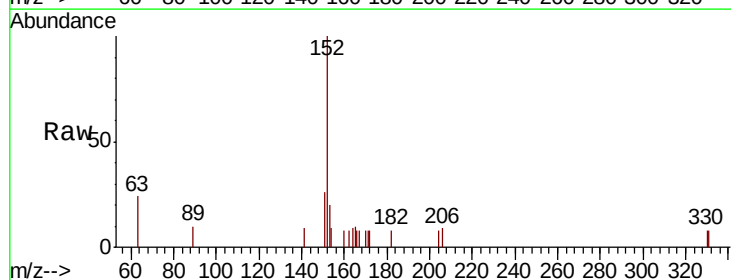
Instrument :
BNA_N
ClientSampled :

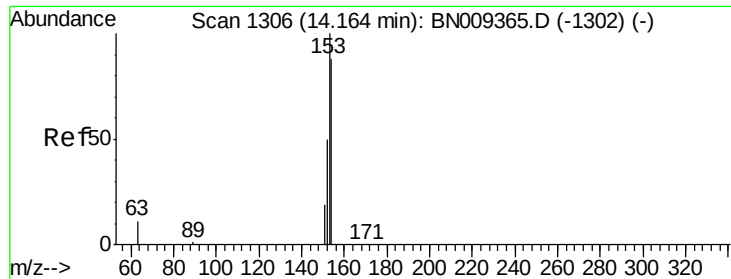
Tot Ion:172 Resp: 4663
Ion Ratio Lower Upper
172 100
171 35.0 29.5 44.3
170 23.8 20.7 31.1



#16
Acenaphthylene
Concen: 0.078 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion:152 Resp: 1173
Ion Ratio Lower Upper
152 100
151 20.5 15.4 23.2
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.083 ng

RT: 14.18 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

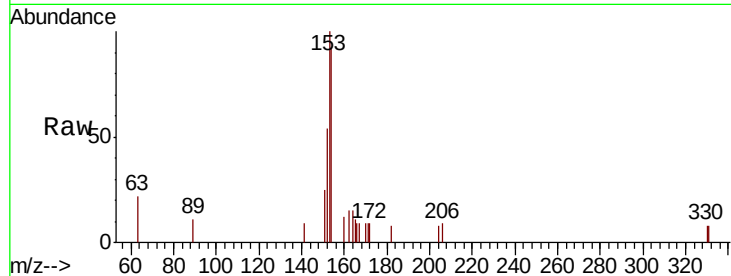
Tot Ion:154 Resp: 877

Ion Ratio Lower Upper

154 100

153 116.9 90.5 135.7

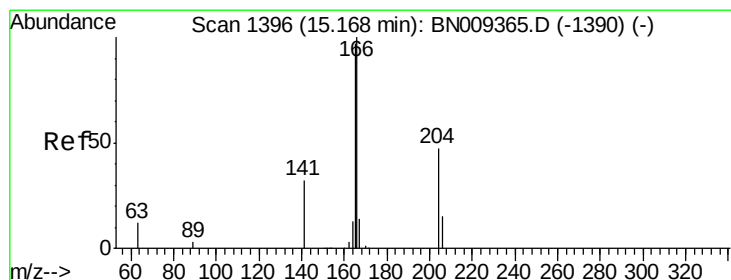
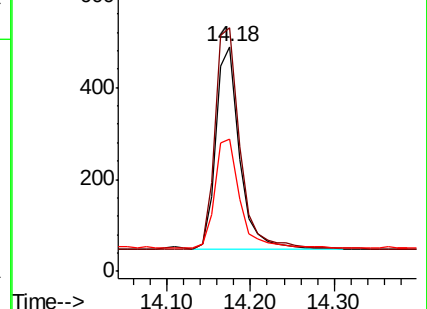
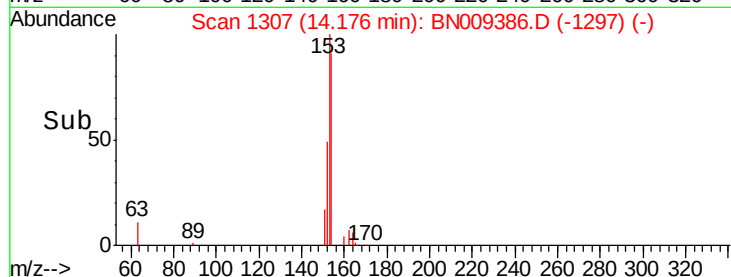
152 57.6 45.3 67.9



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: 0.082 ng

RT: 15.18 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

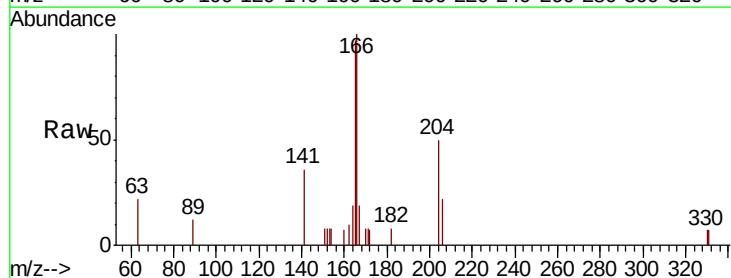
Tgt Ion:166 Resp: 1125

Ion Ratio Lower Upper

166 100

165 99.8 78.2 117.2

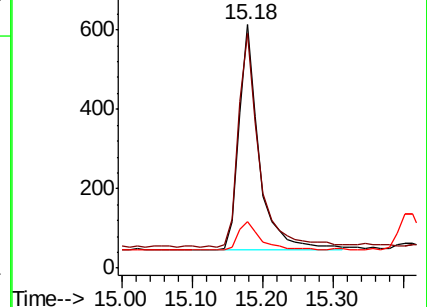
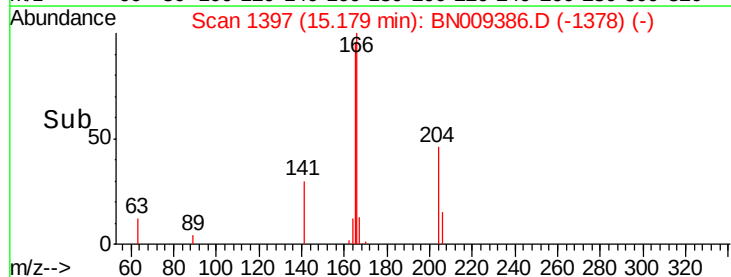
167 13.9 11.0 16.6

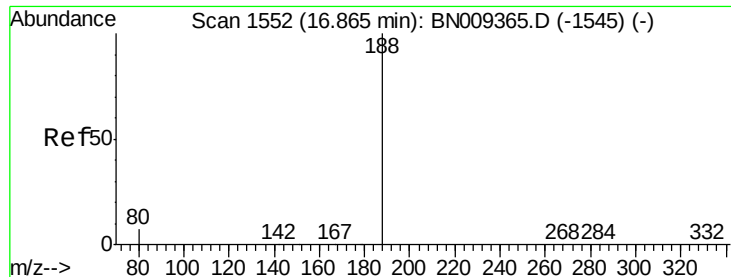


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

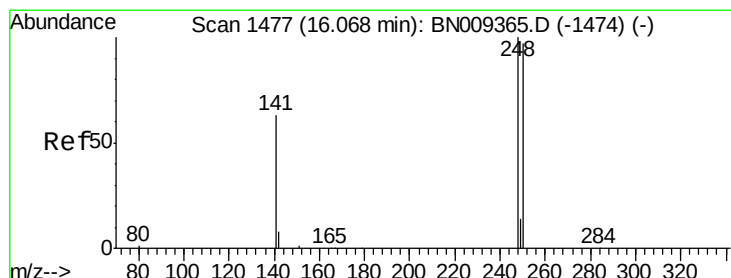
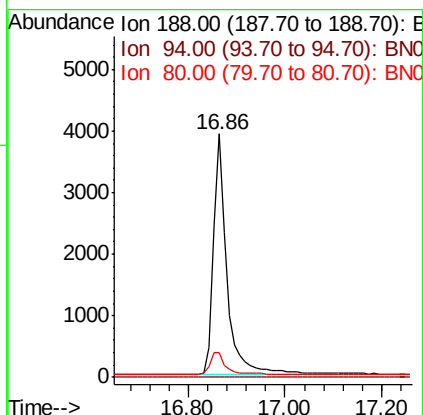
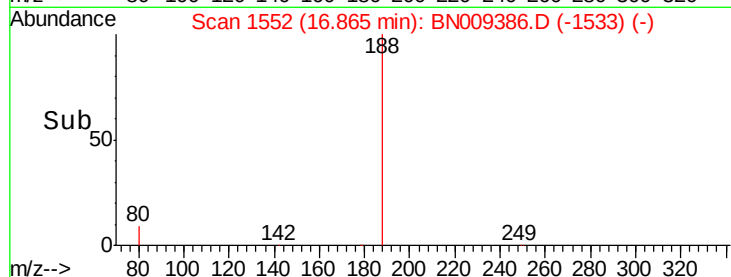
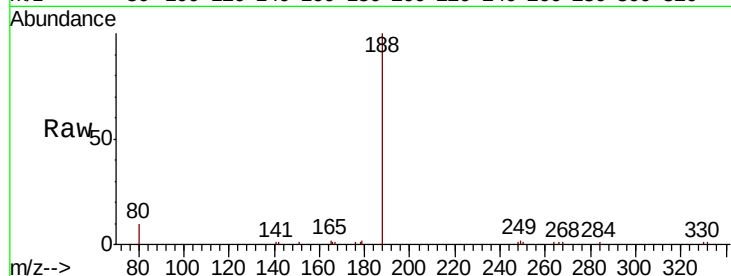
Tot Ion:188 Resp: 7660

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 6.6 10.0#



#20

4-Bromophenyl-phenylether

Concen: 0.079 ng

RT: 16.08 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

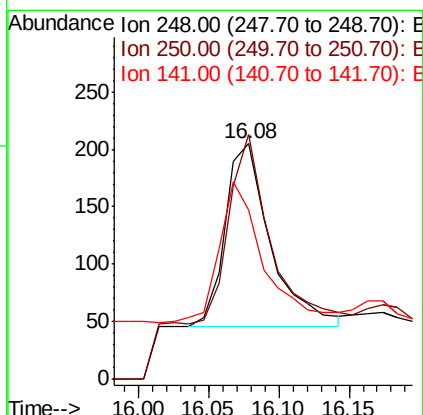
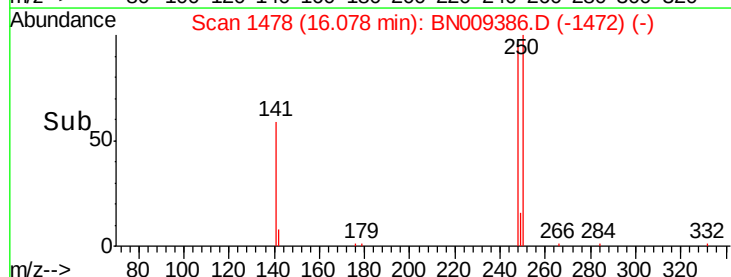
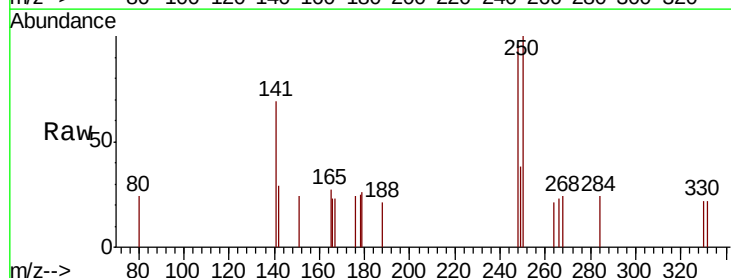
Tgt Ion:248 Resp: 363

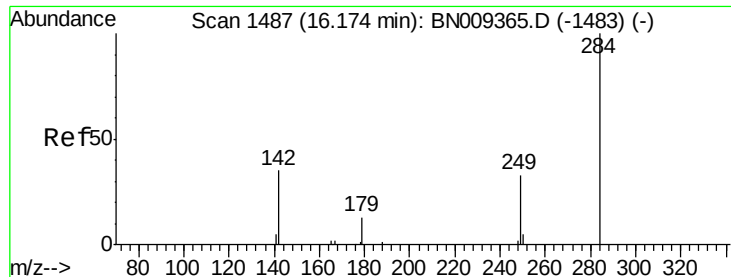
Ion Ratio Lower Upper

248 100

250 103.9 77.8 116.8

141 71.7 53.4 80.0





#21

Hexachlorobenzene

Concen: 0.080 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

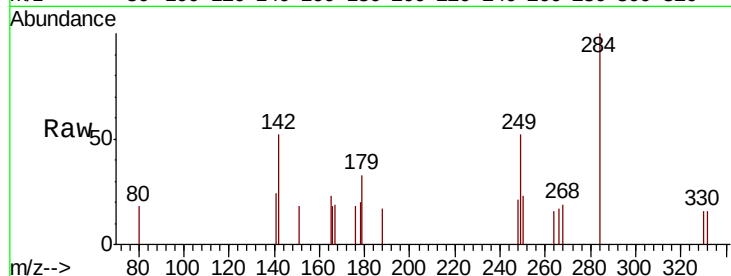
Tot Ion:284 Resp: 394

Ion Ratio Lower Upper

284 100

142 45.4 33.8 50.8

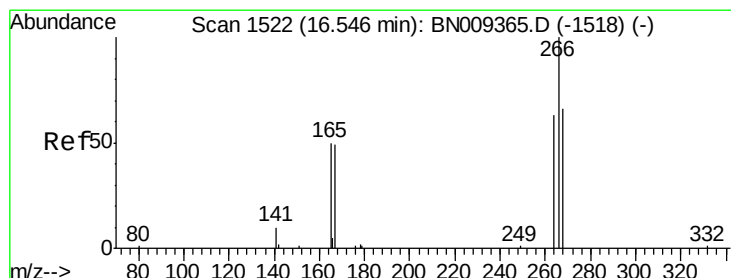
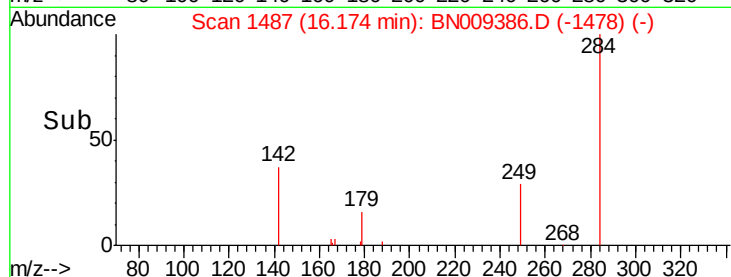
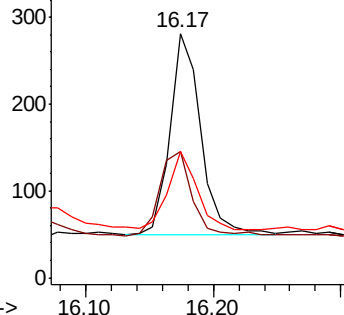
249 36.8 27.0 40.4



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: 0.189 ng

RT: 16.56 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

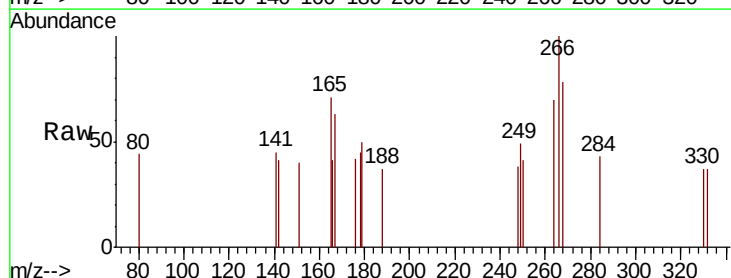
Tgt Ion:266 Resp: 260

Ion Ratio Lower Upper

266 100

264 70.2 57.8 86.6

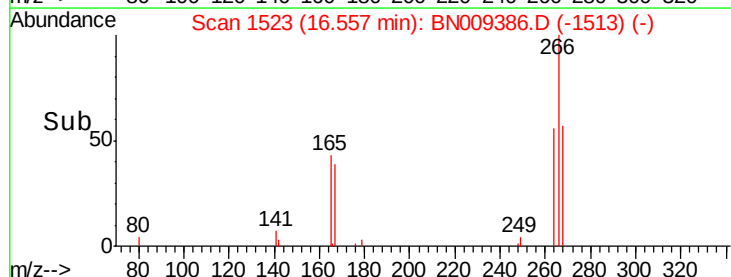
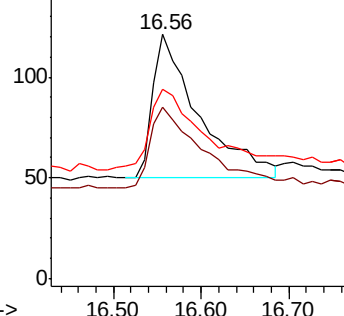
268 77.7 63.8 95.6

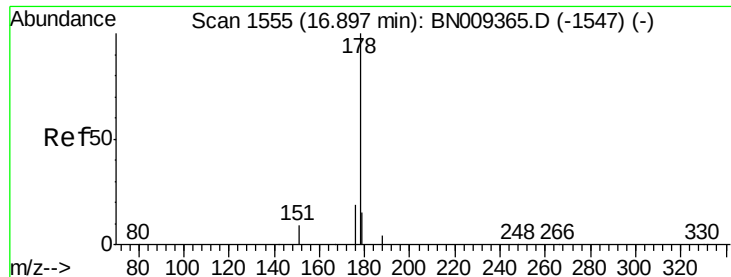


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.082 ng

RT: 16.91 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampled :

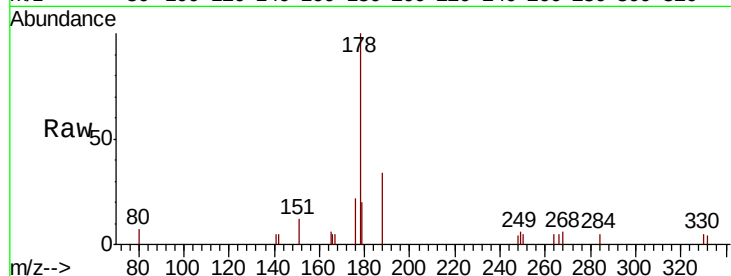
Tot Ion:178 Resp: 1876

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

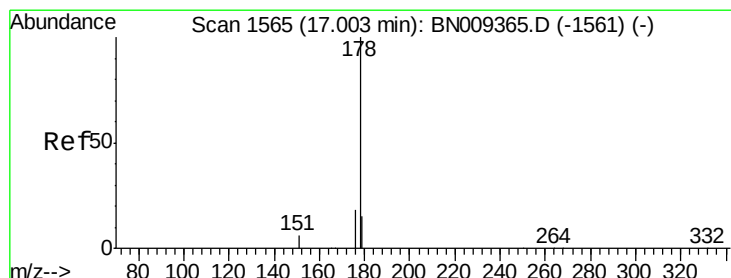
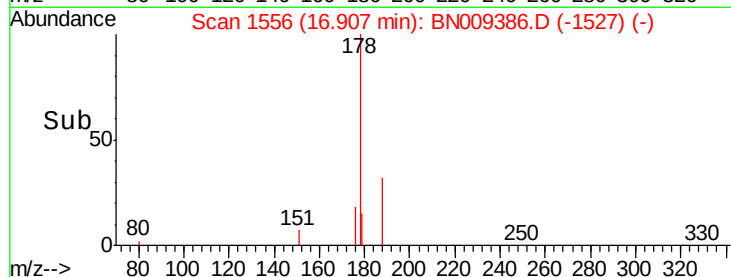
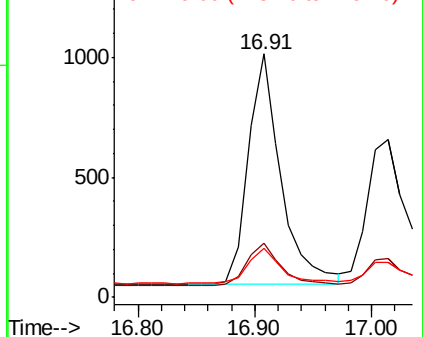
179 16.1 12.3 18.5



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: 0.076 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

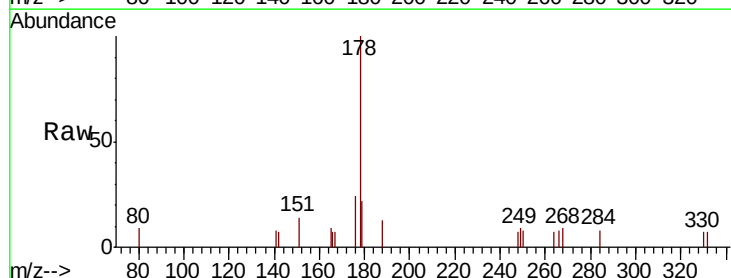
Tgt Ion:178 Resp: 1469

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

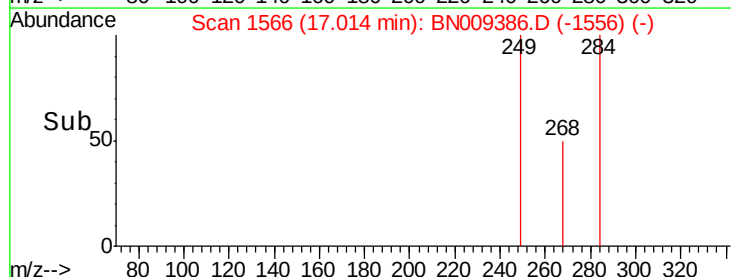
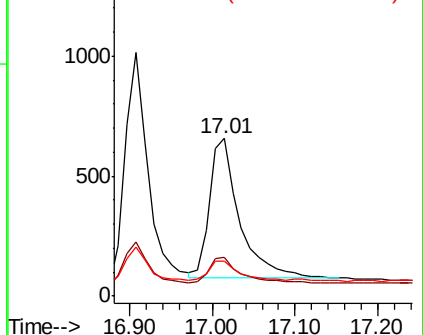
179 15.9 12.5 18.7

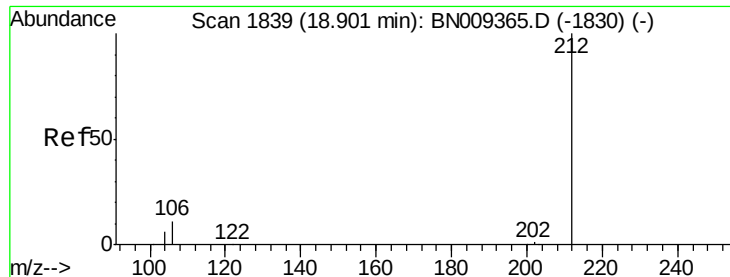


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.303 ng

RT: 18.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

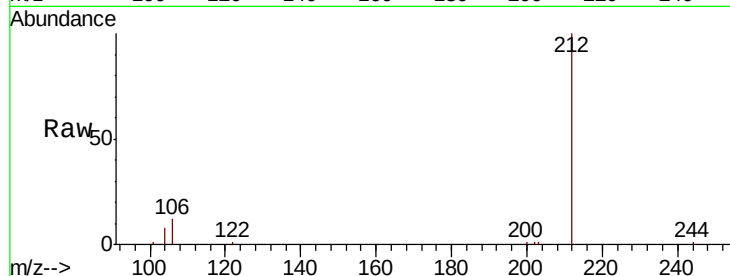
Tot Ion:212 Resp: 7962

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

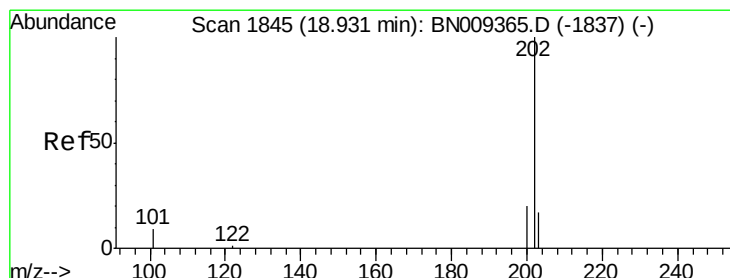
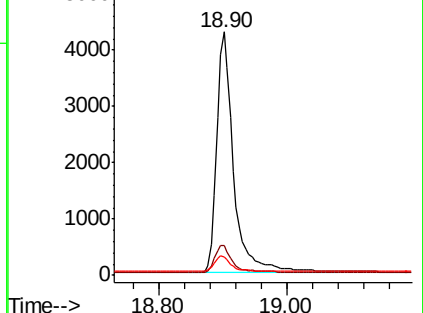
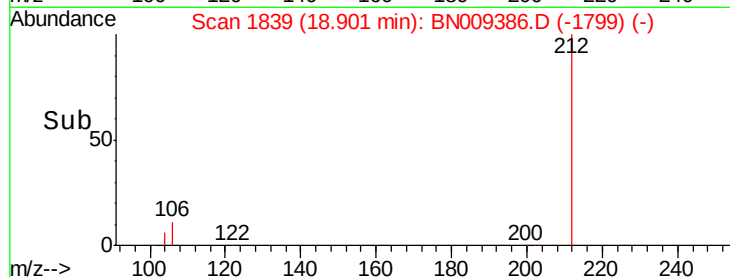
104 6.4 5.4 8.0



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: 0.083 ng

RT: 18.93 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

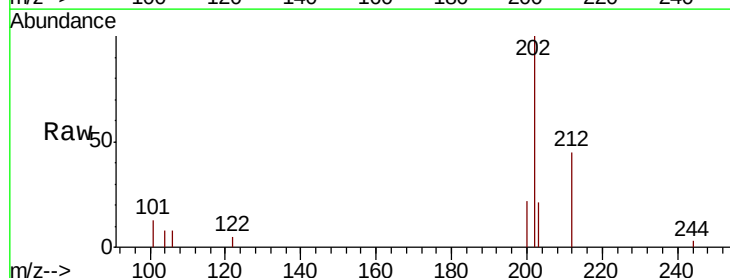
Tgt Ion:202 Resp: 2228

Ion Ratio Lower Upper

202 100

101 10.3 8.0 12.0

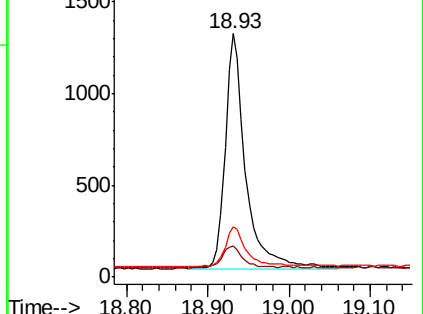
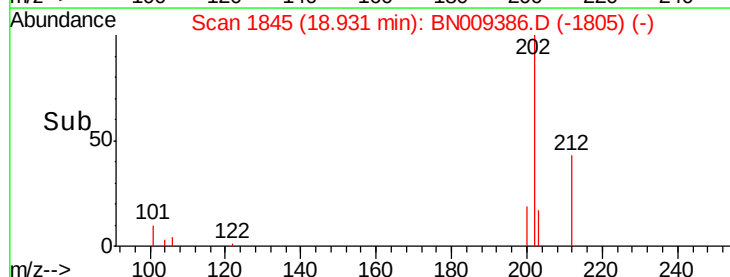
203 17.4 13.5 20.3

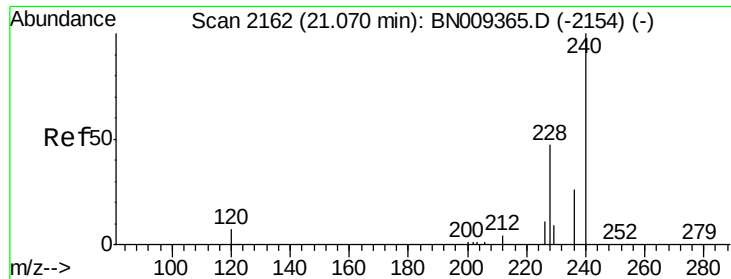


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

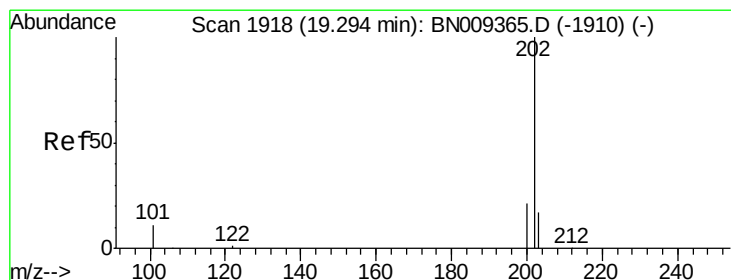
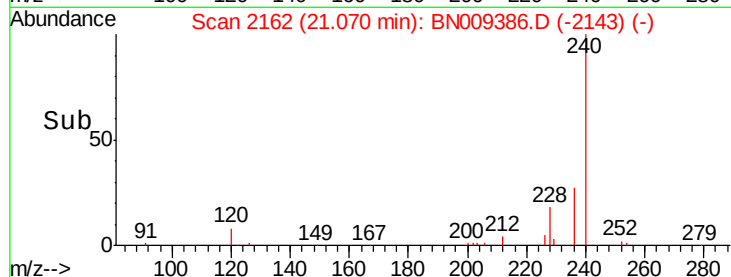
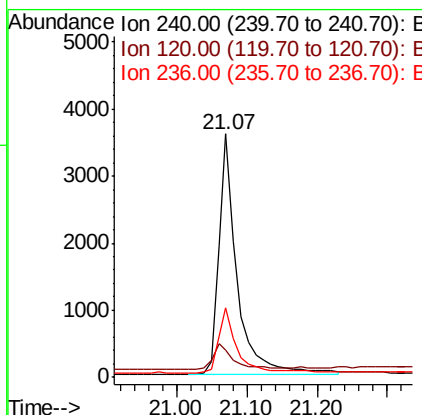
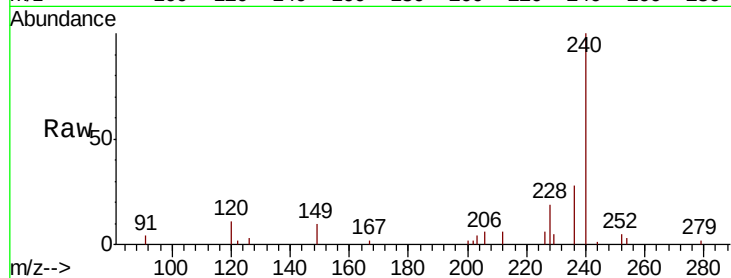




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.07 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BN009386.D
 Acq: 16 Jan 2020 15:59

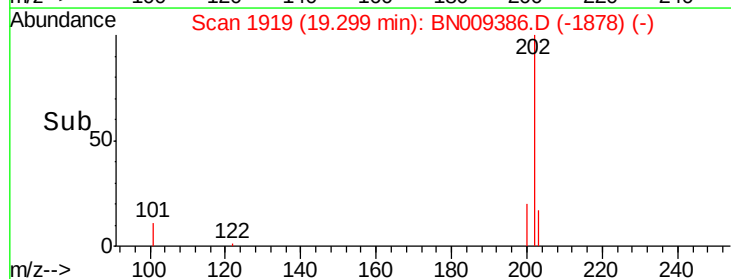
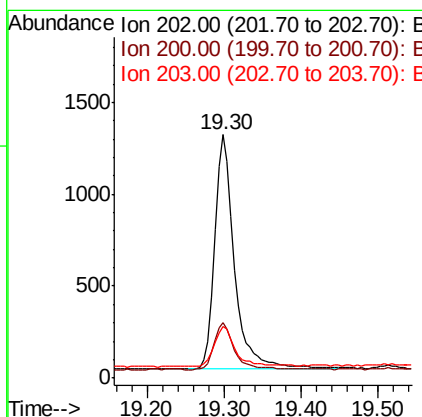
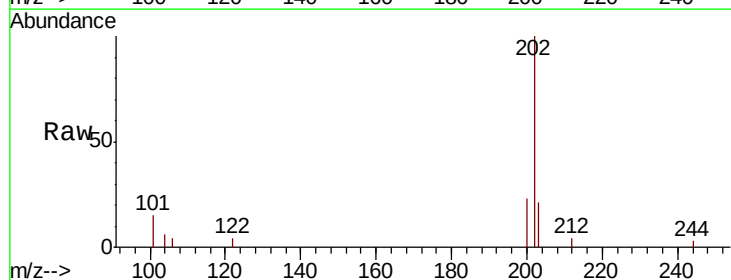
Instrument :
 BNA_N
 ClientSampled :

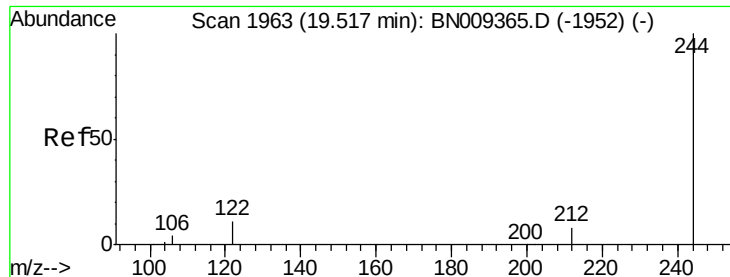
Tot Ion:240 Resp: 6514
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 28.3 22.2 33.4



#28
 Pyrene
 Concen: 0.091 ng
 RT: 19.30 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BN009386.D
 Acq: 16 Jan 2020 15:59

Tgt Ion:202 Resp: 2258
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.2 24.2
 203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.51 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampled :

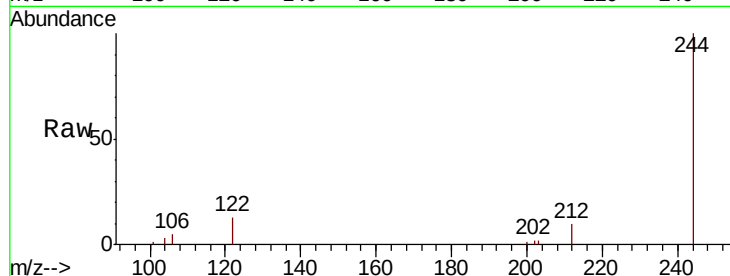
Tot Ion:244 Resp: 6307

Ion Ratio Lower Upper

244 100

212 10.2 7.5 11.3

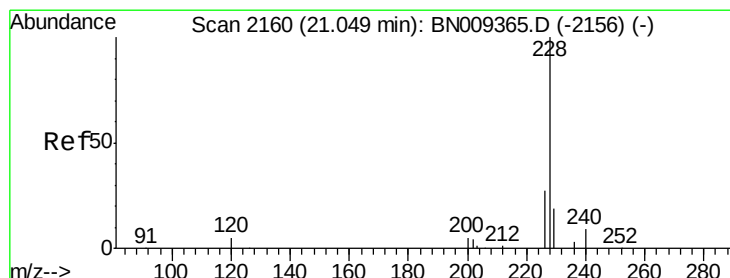
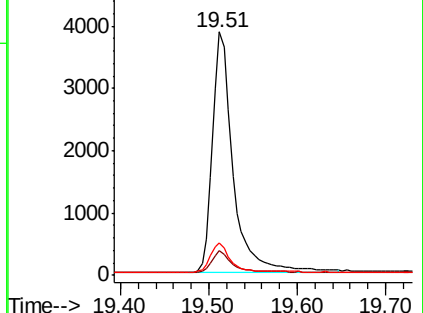
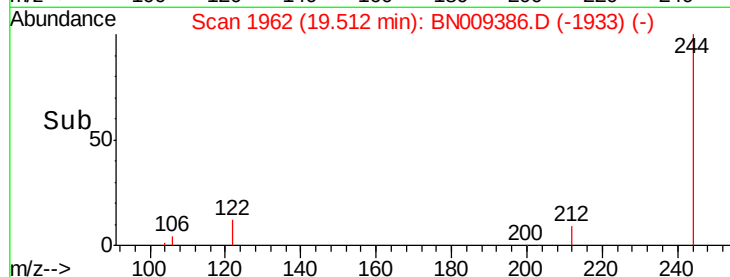
122 13.1 9.8 14.6



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: 0.107 ng

RT: 21.10 min Scan# 2165

Delta R.T. 0.05 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

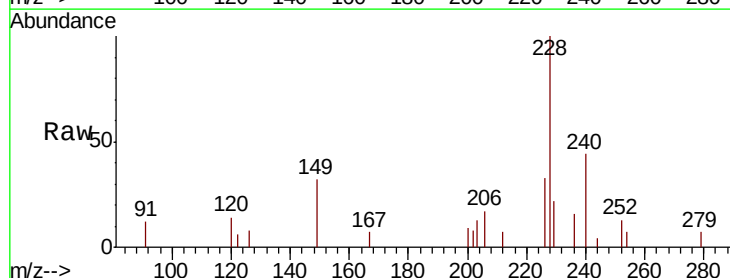
Tgt Ion:228 Resp: 2281

Ion Ratio Lower Upper

228 100

226 32.7 22.5 33.7

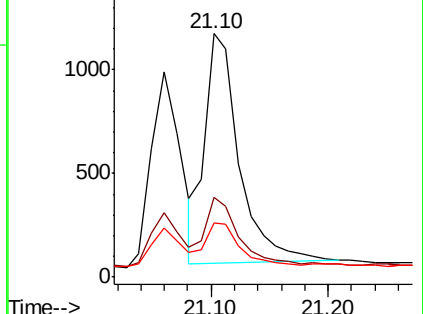
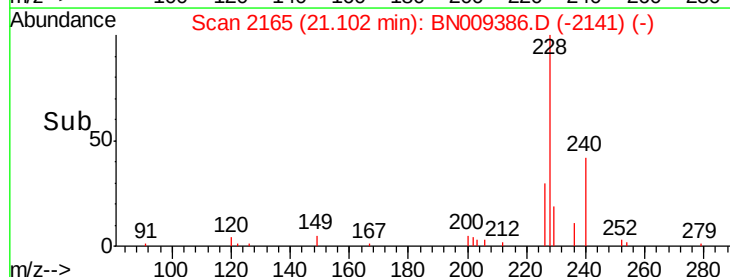
229 22.4 16.1 24.1

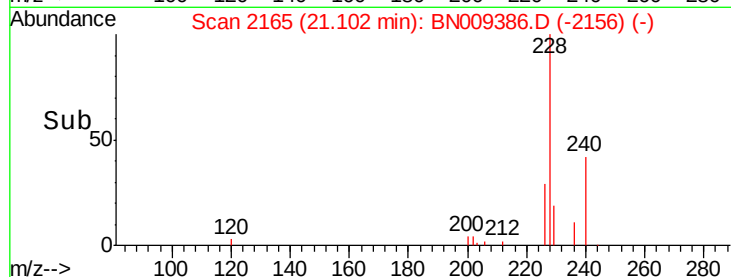
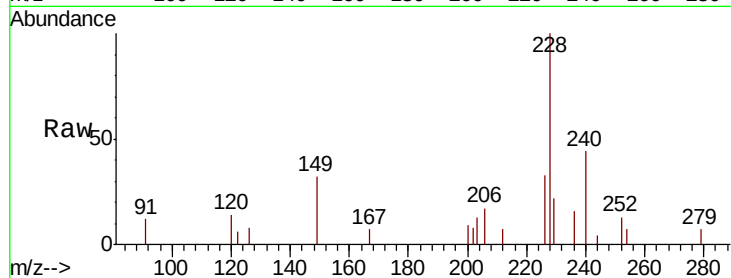
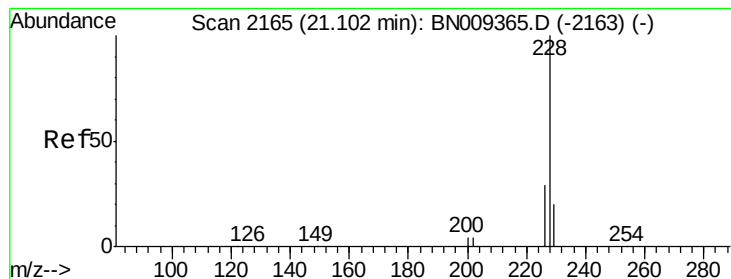


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.094 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

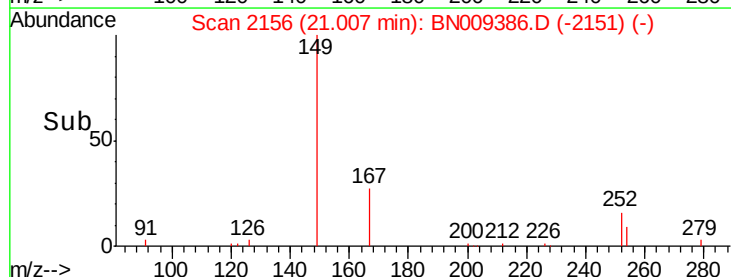
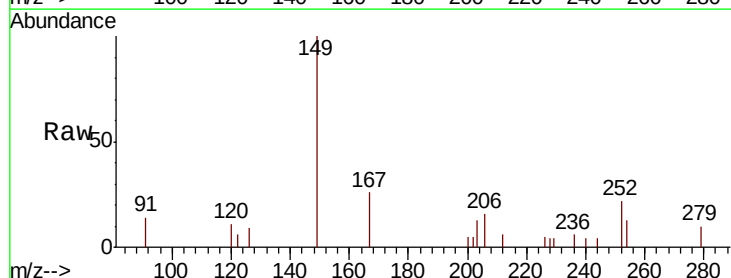
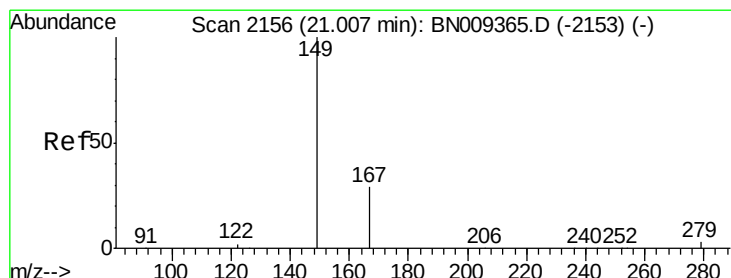
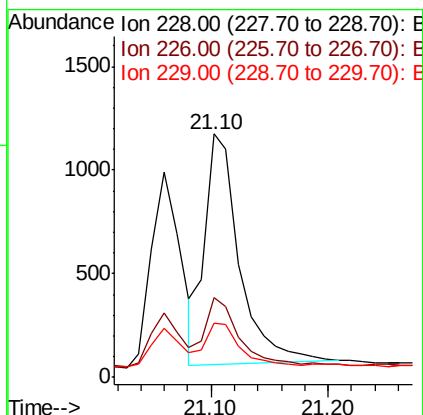
Tot Ion:228 Resp: 2296

Ion Ratio Lower Upper

228 100

226 32.7 23.8 35.8

229 22.4 16.6 24.8



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.099 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

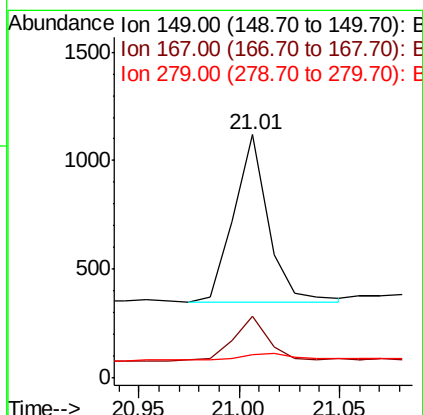
Tgt Ion:149 Resp: 936

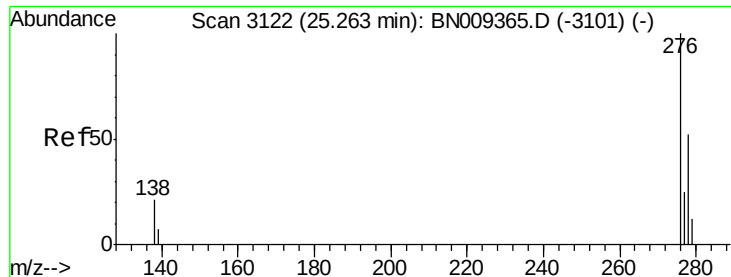
Ion Ratio Lower Upper

149 100

167 24.7 22.9 34.3

279 4.8 3.4 5.0

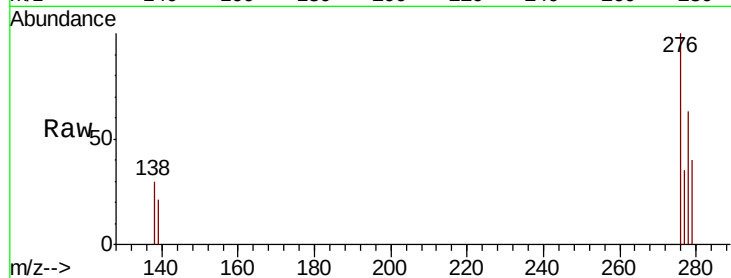




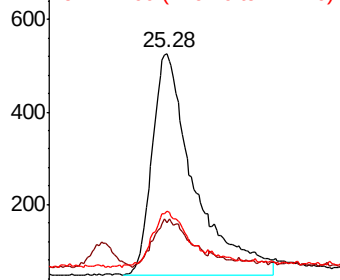
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 25.28 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :

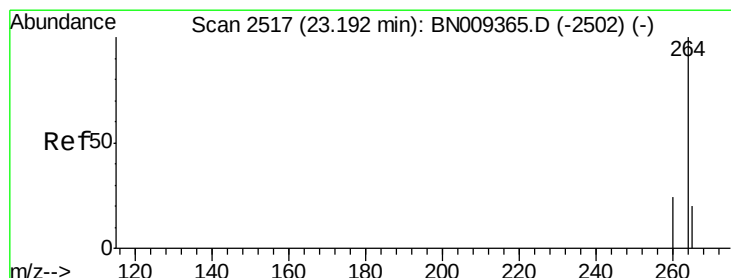
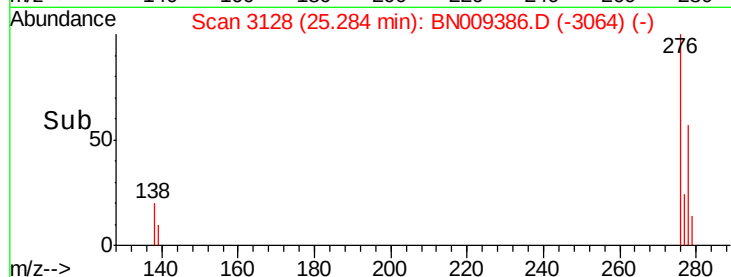
Tot Ion:276 Resp: 2101
Ion Ratio Lower Upper
276 100
138 18.6 15.9 23.9
277 19.4 19.8 29.6#



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

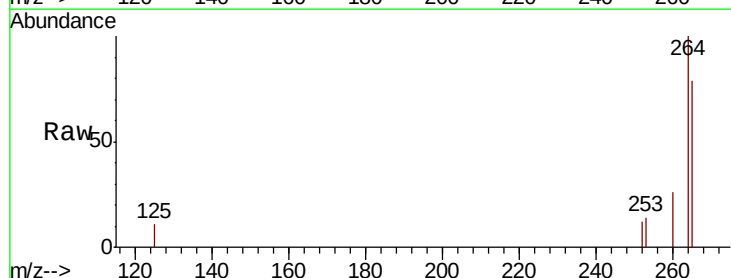


Time-->

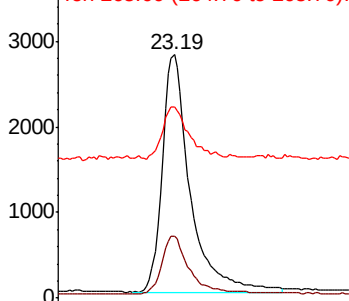


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

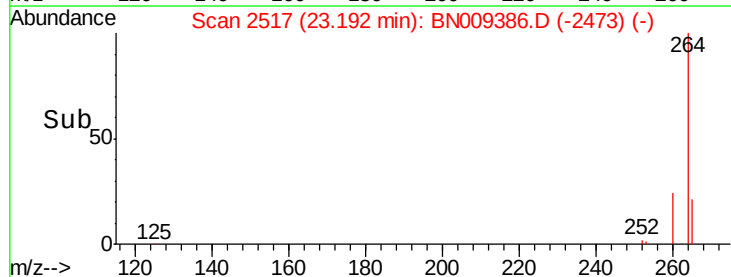
Tgt Ion:264 Resp: 6664
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 78.5 68.2 102.4

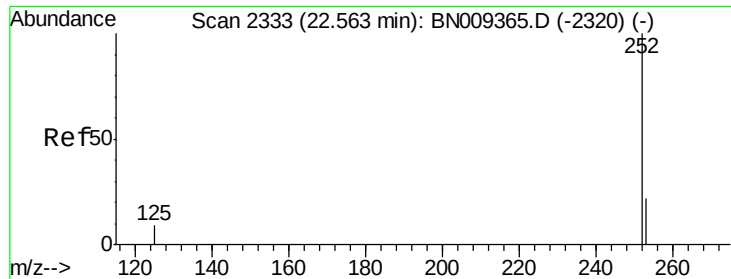


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#35

Benzo(b)fluoranthene

Concen: 0.076 ng

RT: 22.57 min Scan# 2335

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

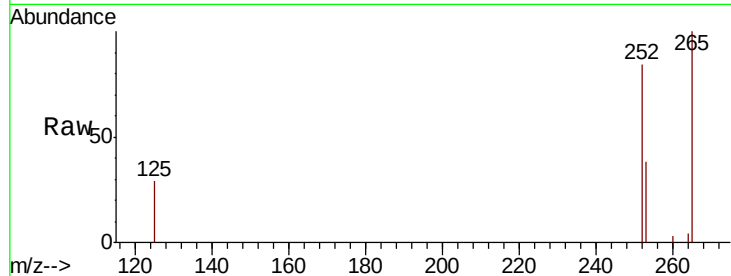
Tot Ion:252 Resp: 1870

Ion Ratio Lower Upper

252 100

253 45.7 22.4 33.6#

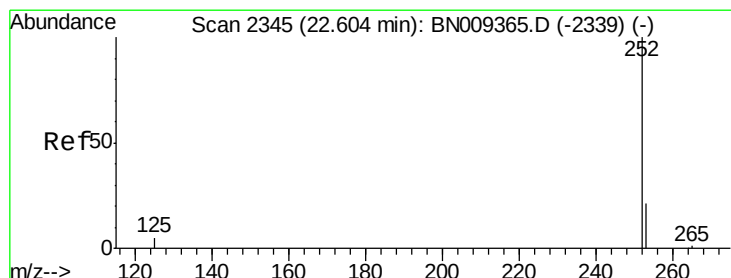
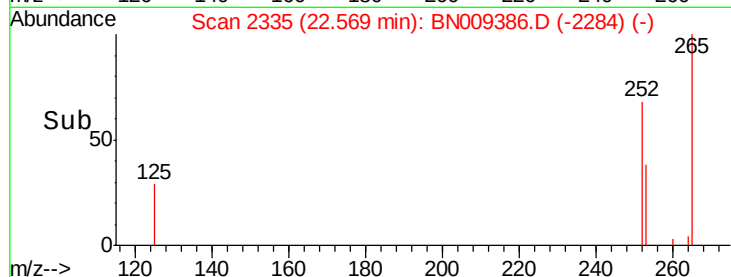
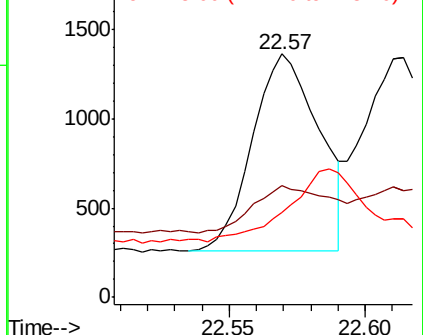
125 34.7 11.6 17.4#



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: 0.088 ng

RT: 22.61 min Scan# 2348

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

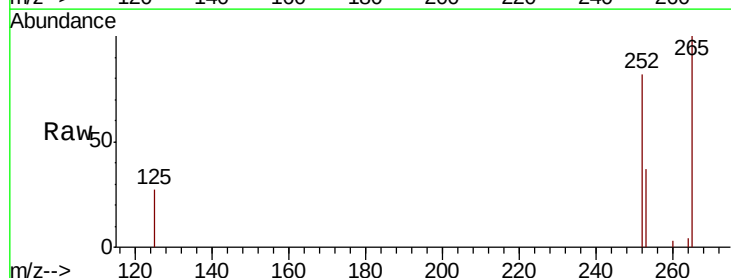
Tgt Ion:252 Resp: 2368

Ion Ratio Lower Upper

252 100

253 44.6 21.9 32.9#

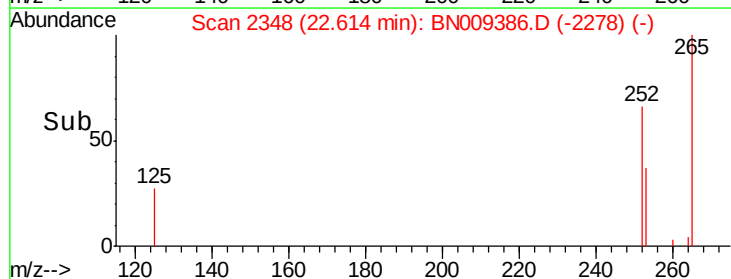
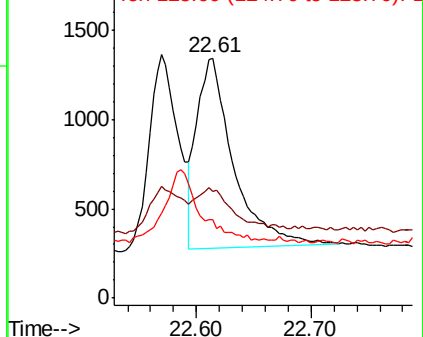
125 32.6 12.0 18.0#

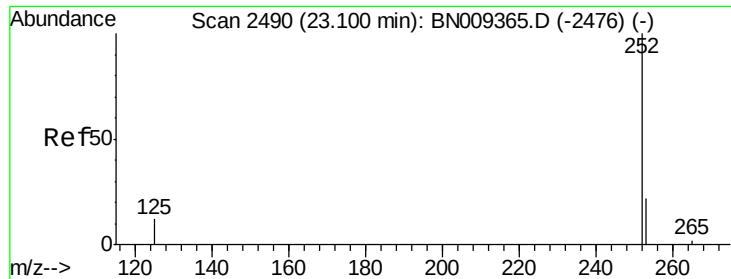


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.087 ng

RT: 23.11 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :

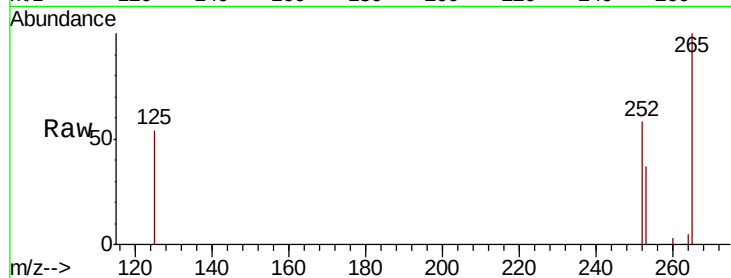
Tot Ion:252 Resp: 1875

Ion Ratio Lower Upper

252 100

253 64.2 25.4 38.0#

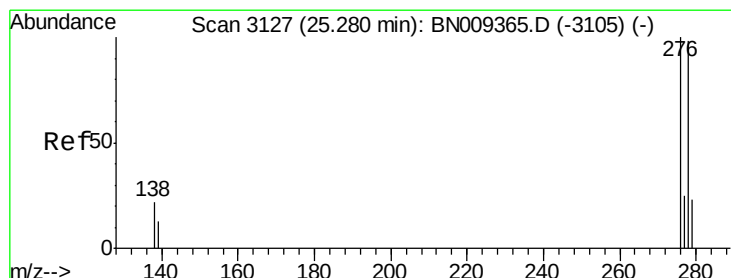
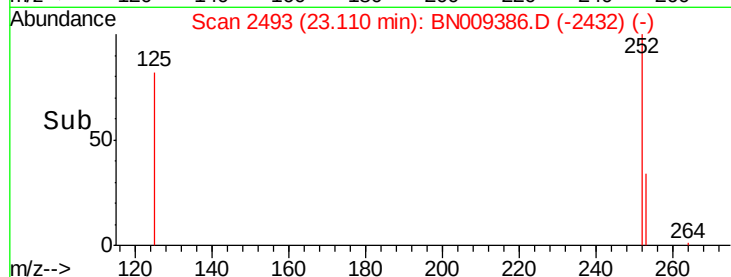
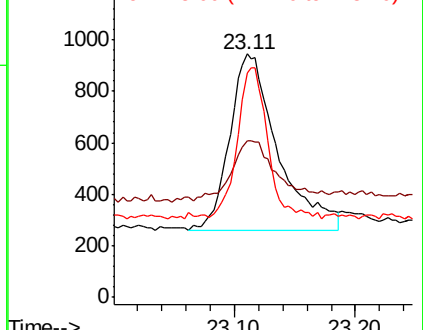
125 92.2 16.2 24.2#



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: 0.075 ng

RT: 25.30 min Scan# 3132

Delta R.T. 0.02 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

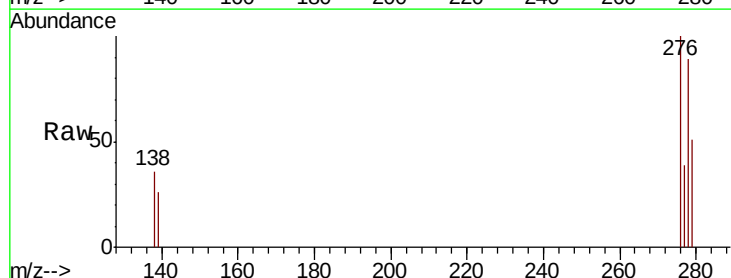
Tgt Ion:278 Resp: 1625

Ion Ratio Lower Upper

278 100

139 29.6 14.5 21.7#

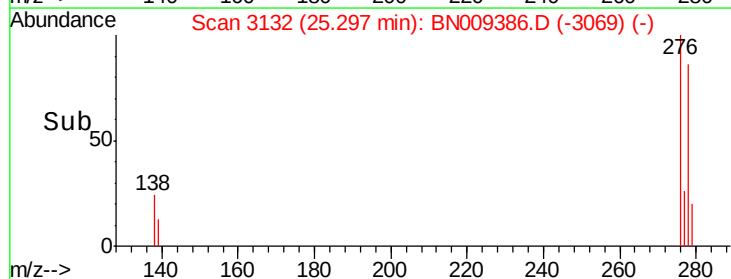
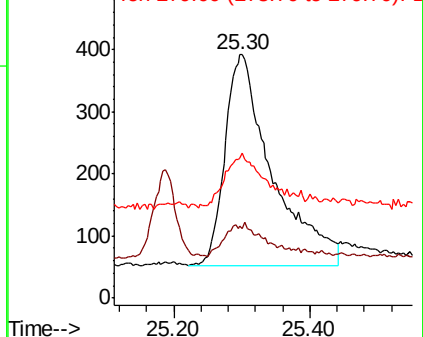
279 57.4 24.2 36.4#

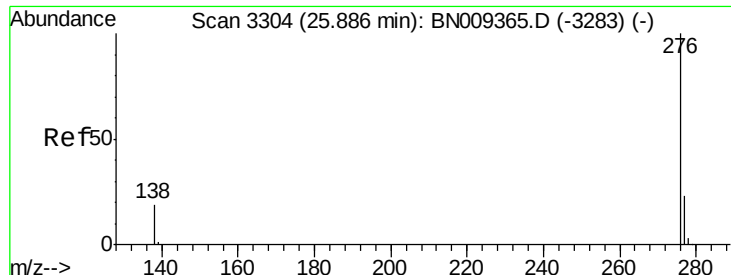


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.082 ng

RT: 25.91 min Scan# 3311

Delta R.T. 0.02 min

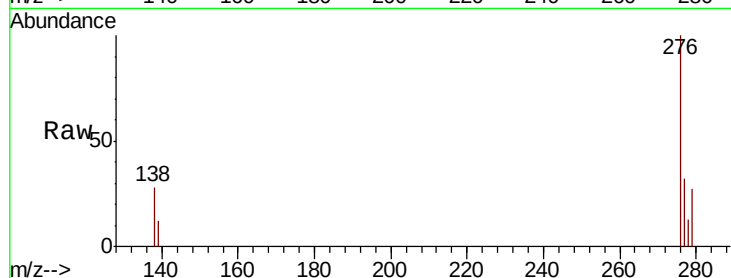
Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

ClientSampleId :



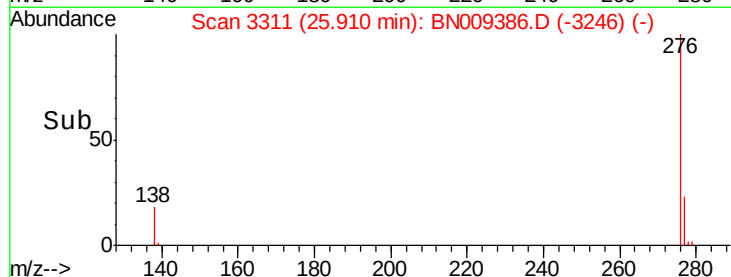
Tot Ion: 276 Resp: 1947

Ion Ratio Lower Upper

276 100

277 32.4 20.6 30.8#

138 27.7 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

