

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010161.D
 Acq On : 10 Mar 2020 14:57
 Operator : CG/JU
 Sample : PB127320BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127320BL

Quant Time: Mar 10 18:43:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	980	0.40	ng	-0.04
7) Naphthalene-d8	10.11	136	3307	0.40	ng	-0.06
13) Acenaphthene-d10	14.01	164	1887	0.40	ng	-0.05
19) Phenanthrene-d10	16.78	188	4036	0.40	ng	-0.04
27) Chrysene-d12	21.00	240	3084	0.40	ng	-0.04
34) Perylene-d12	23.11	264	490	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	942	0.43	ng	-0.05
5) Phenol-d6	6.64	99	982	0.37	ng	0.00
8) Nitrobenzene-d5	8.54	82	1146	0.42	ng	-0.05
11) 2-Methylnaphthalene-d10	11.72	152	1709	0.27	ng	-0.06
14) 2,4,6-Tribromophenol	15.55	330	333	0.46	ng	-0.04
15) 2-Fluorobiphenyl	12.63	172	2530	0.36	ng	-0.06
25) Fluoranthene-d10	18.83	212	3252	0.23	ng	-0.03
29) Terphenyl-d14	19.43	244	2948	0.40	ng	-0.04

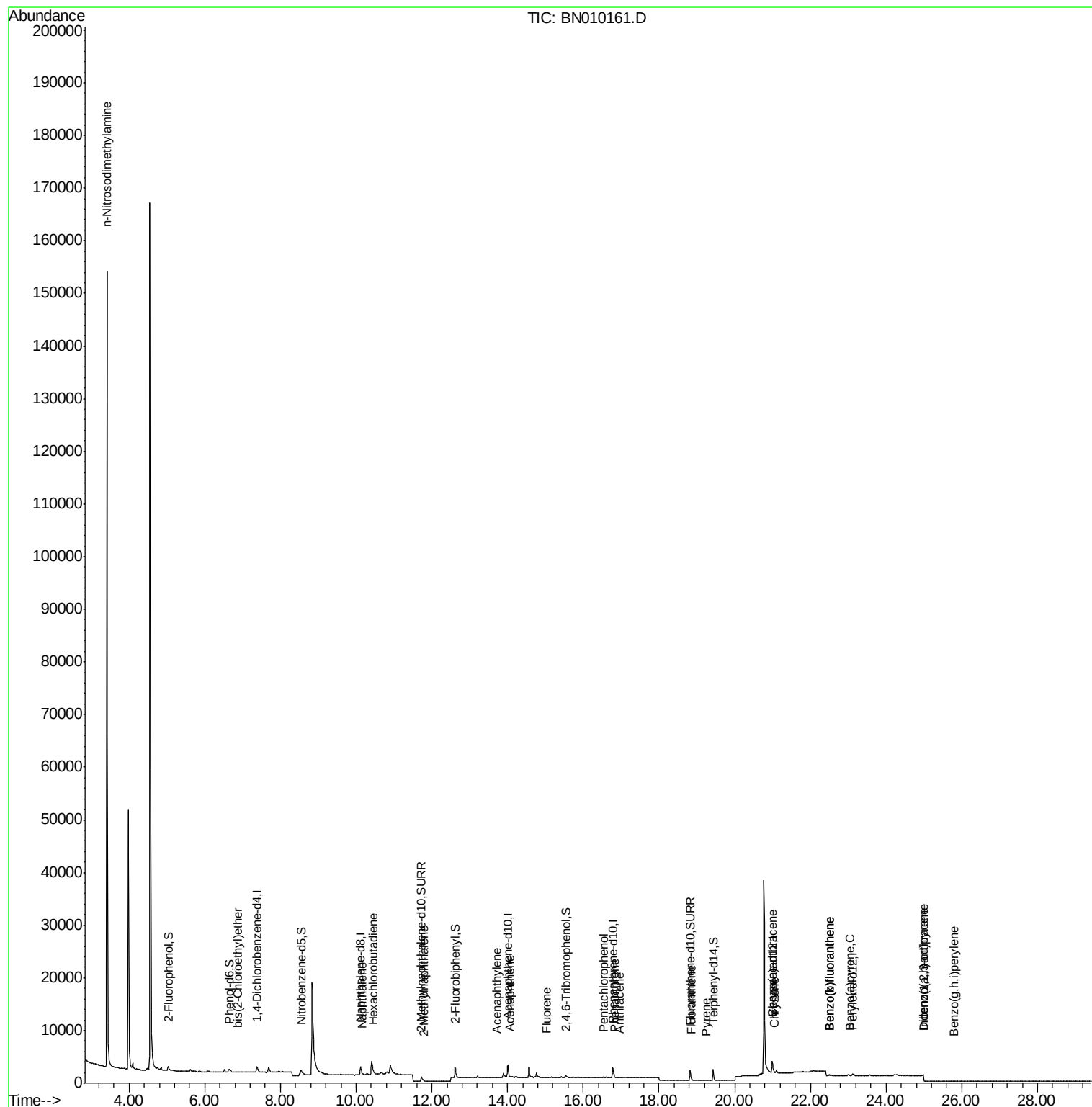
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.42	42	4882	2.962	ng	# 12
6) bis(2-Chloroethyl)ether	6.87	93	2	0.001	ng	# 1
9) Naphthalene	10.16	128	26	0.003	ng	# 1
10) Hexachlorobutadiene	10.44	225	2	0.001	ng	# 79
12) 2-Methylnaphthalene	11.80	142	2	0.000	ng	# 32
16) Acenaphthylene	13.72	152	7	0.001	ng	# 61
17) Acenaphthene	14.05	154	6	0.001	ng	# 5
18) Fluorene	15.03	166	5	0.001	ng	# 9
20) 4-Bromophenyl-phenylether	16.01	248	116	Below Cal		# 77
22) Pentachlorophenol	16.54	266	18	0.200	ng	# 80
23) Phenanthrene	16.83	178	26	0.002	ng	# 55
24) Anthracene	16.95	178	32	0.003	ng	# 73
26) Fluoranthene	18.87	202	22	0.002	ng	# 75
28) Pyrene	19.23	202	42	0.004	ng	# 90
30) Benzo(a)anthracene	21.00	228	82	0.008	ng	# 1
31) Chrysene	21.05	228	88	0.007	ng	# 16
33) Indeno(1,2,3-cd)pyrene	25.00	276	31	0.003	ng	# 1
35) Benzo(b)fluoranthene	22.51	252	190	0.106	ng	# 1
36) Benzo(k)fluoranthene	22.51	252	190	0.097	ng	# 1
37) Benzo(a)pyrene	23.03	252	49	0.030	ng	# 1
38) Dibenzo(a,h)anthracene	25.00	278	54	0.034	ng	# 1
39) Benzo(g,h,i)perylene	25.80	276	17	0.010	ng	# 1

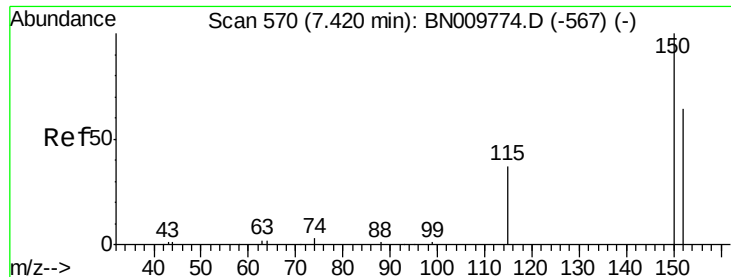
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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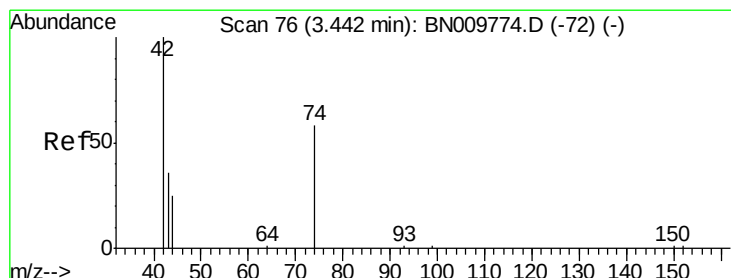
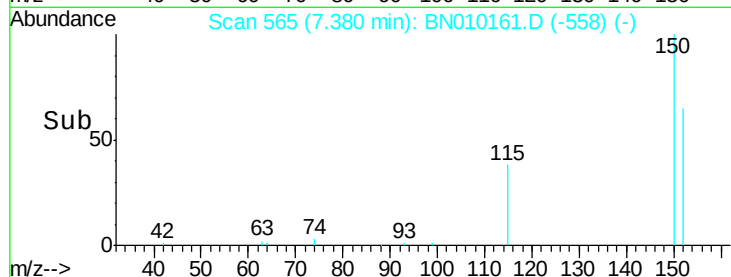
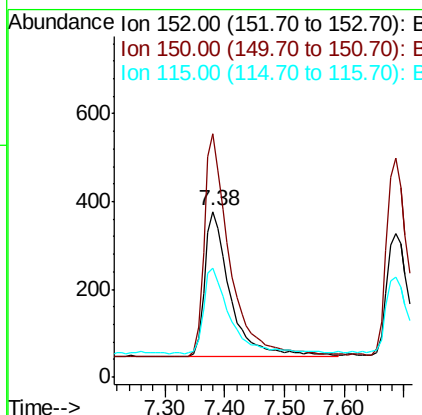
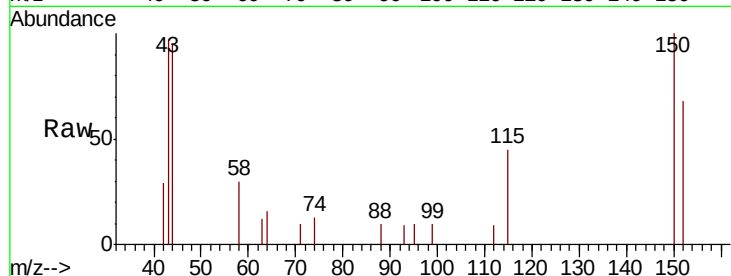


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010161.D
Acq: 10 Mar 2020 14:57

Instrument :
BNA_N
ClientSampleId :
PB127320BL

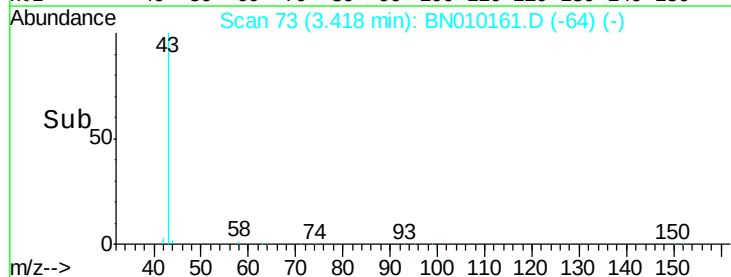
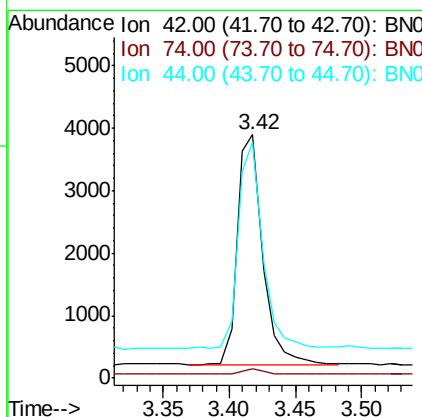
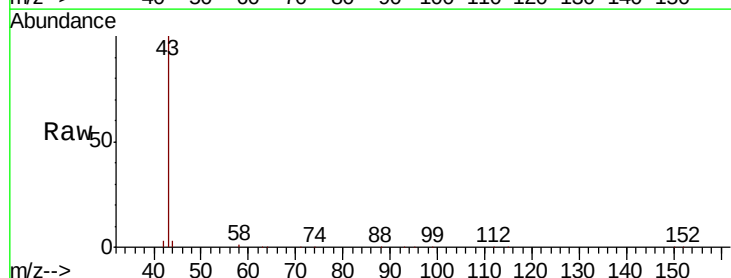
Tot Ion:152 Resp: 980
Ion Ratio Lower Upper
152 100
150 146.6 120.6 181.0
115 65.9 51.2 76.8

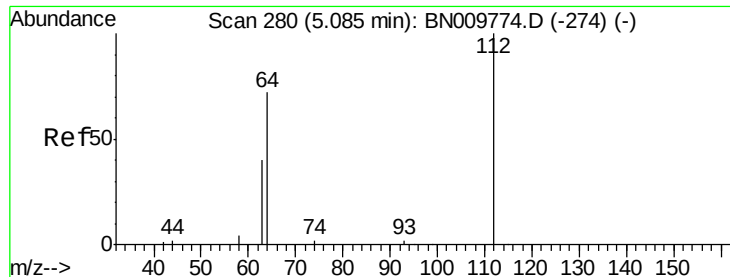


#3

n-Nitrosodimethylamine
Concen: 2.962 ng
RT: 3.42 min Scan# 73
Delta R.T. -0.02 min
Lab File: BN010161.D
Acq: 10 Mar 2020 14:57

Tgt Ion: 42 Resp: 4882
Ion Ratio Lower Upper
42 100
74 2.0 51.2 76.8#
44 86.2 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.432 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.05 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

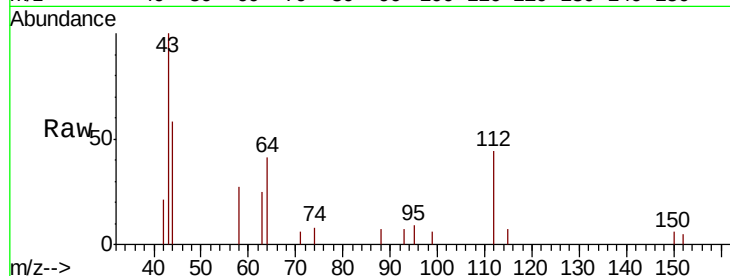
Tot Ion: 112 Resp: 942

Ion Ratio Lower Upper

112 100

64 76.1 65.8 98.6

63 47.2 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

500

400

300

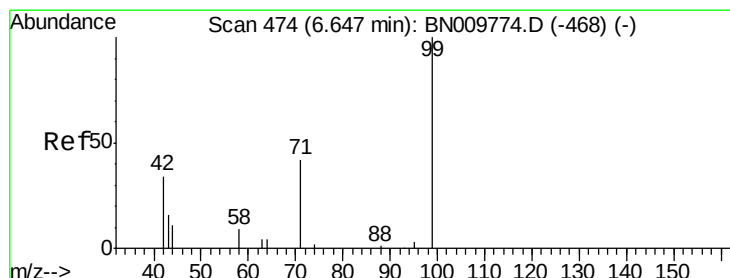
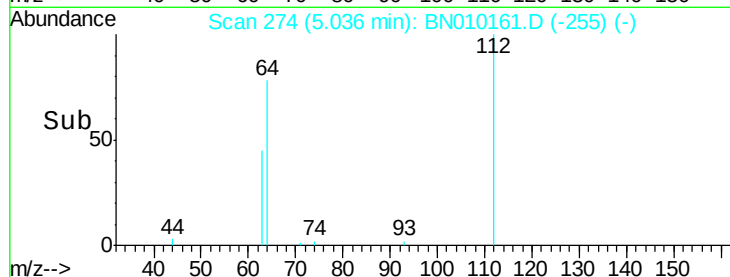
200

100

0

4.90 5.00 5.10 5.20

Time-->



#5

Phenol-d6

Concen: 0.370 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

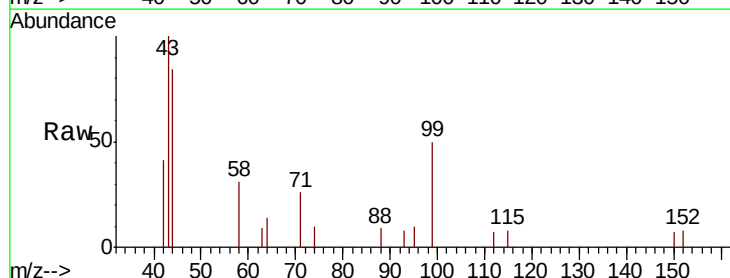
Tgt Ion: 99 Resp: 982

Ion Ratio Lower Upper

99 100

42 30.9 30.8 46.2

71 40.5 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0

400

300

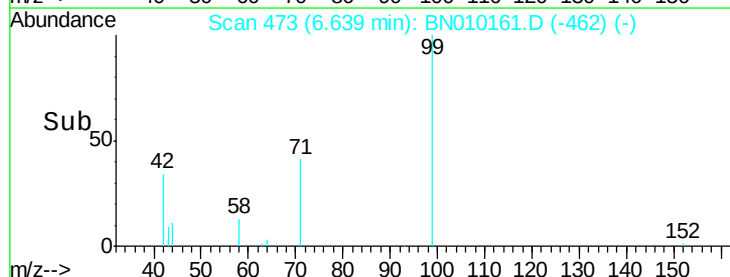
200

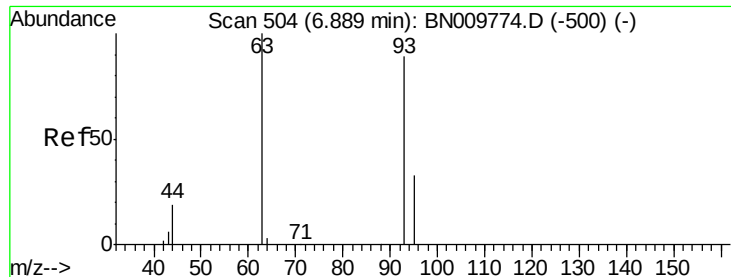
100

0

6.50 6.60 6.70 6.80

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 6.87 min Scan# 502

Delta R.T. -0.02 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

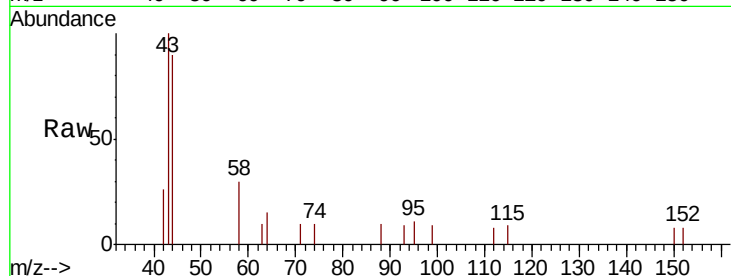
Tot Ion: 93 Resp: 2

Ion Ratio Lower Upper

93 100

63 50.0 74.0 111.0#

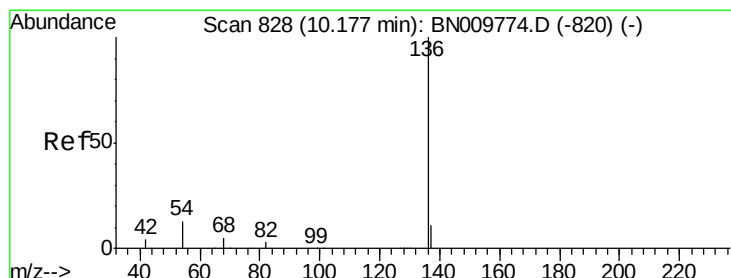
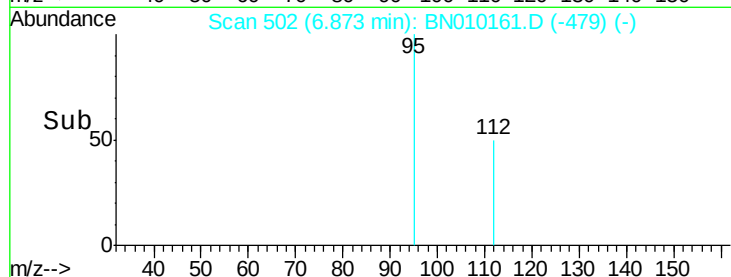
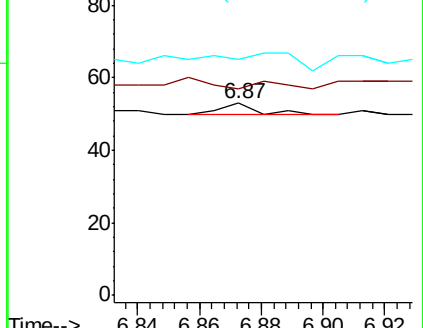
95 600.0 26.7 40.1#



Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.11 min Scan# 823

Delta R.T. -0.06 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Tgt Ion: 136 Resp: 3307

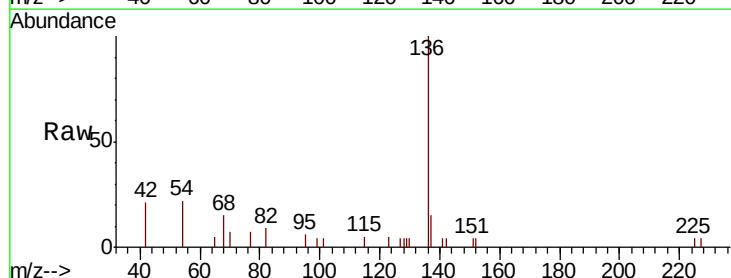
Ion Ratio Lower Upper

136 100

137 14.8 11.3 16.9

54 21.8 13.4 20.2#

68 14.7 7.0 10.4#

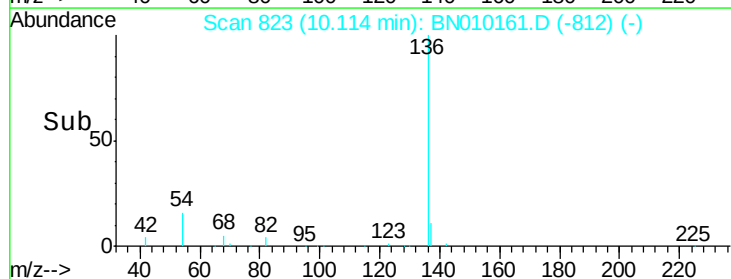
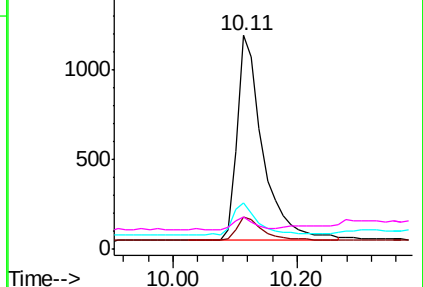


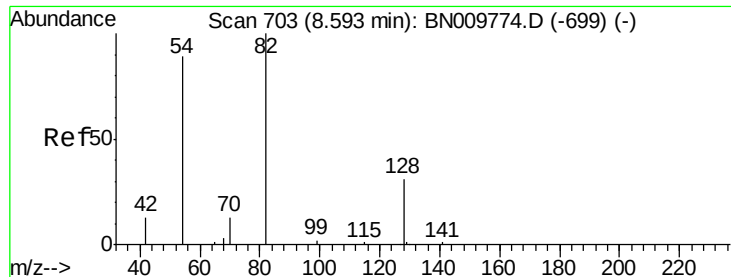
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

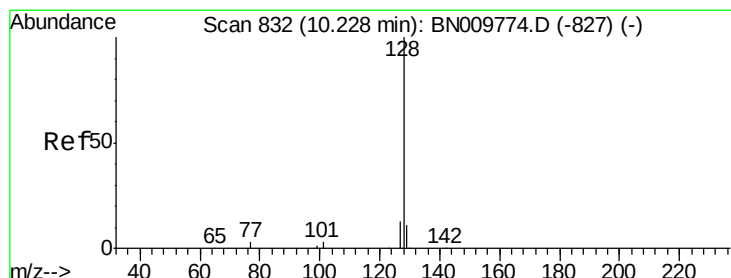
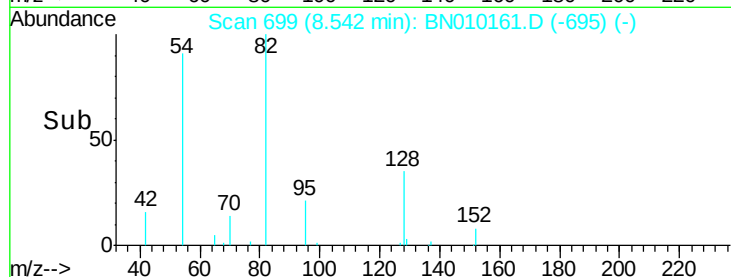
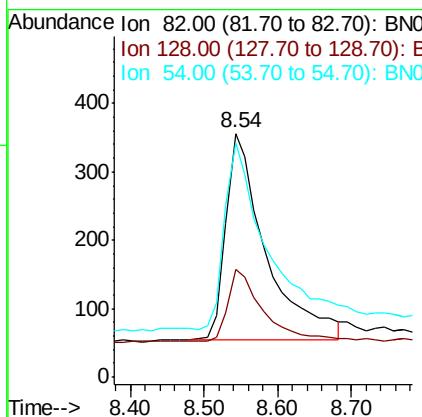
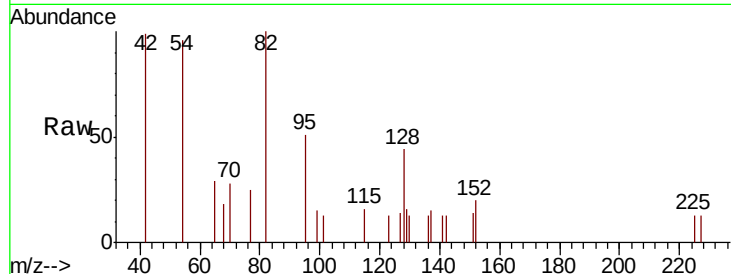




#8
 Nitrobenzene-d5
 Concen: 0.416 ng
 RT: 8.54 min Scan# 699
 Delta R.T. -0.05 min
 Lab File: BN010161.D
 Acq: 10 Mar 2020 14:57

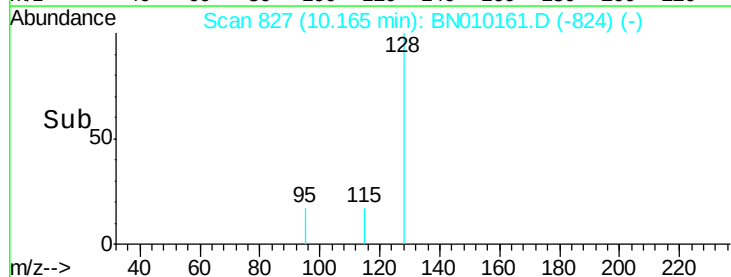
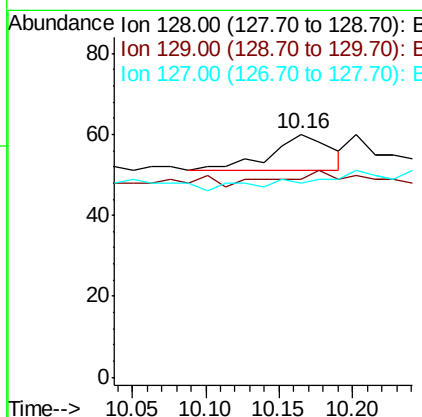
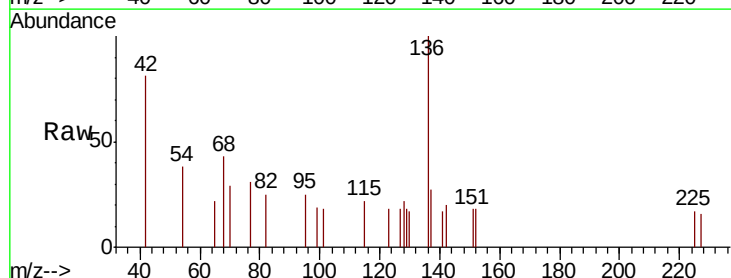
Instrument :
 BNA_N
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 PB127320BL

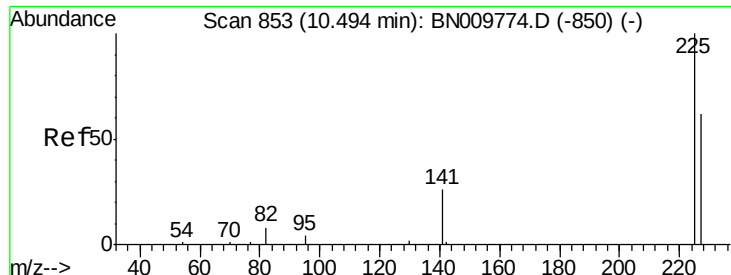
Tot Ion: 82 Resp: 1146
 Ion Ratio Lower Upper
 82 100
 128 44.1 32.5 48.7
 54 96.3 73.5 110.3



#9
 Naphthalene
 Concen: 0.003 ng
 RT: 10.16 min Scan# 827
 Delta R.T. -0.06 min
 Lab File: BN010161.D
 Acq: 10 Mar 2020 14:57

Tgt Ion: 128 Resp: 26
 Ion Ratio Lower Upper
 128 100
 129 81.7 11.1 16.7#
 127 80.0 12.6 19.0#

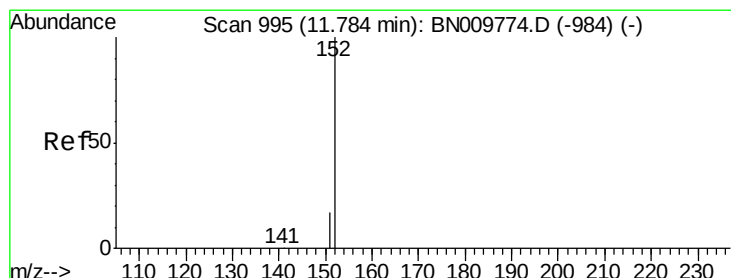
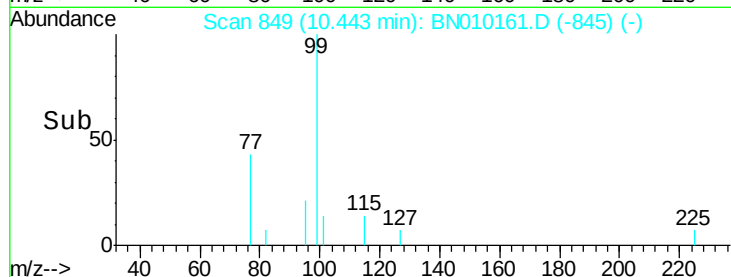
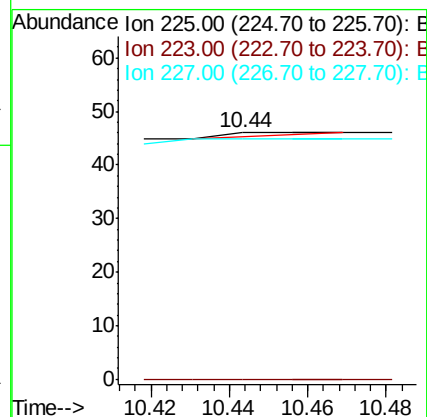
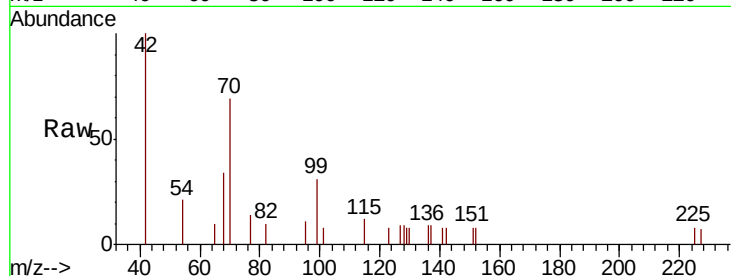




#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.05 min
Lab File: BN010161.D
Acq: 10 Mar 2020 14:57

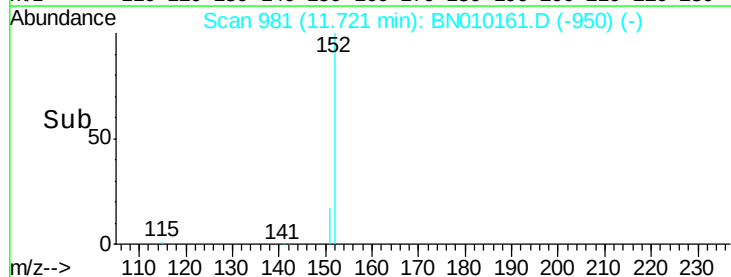
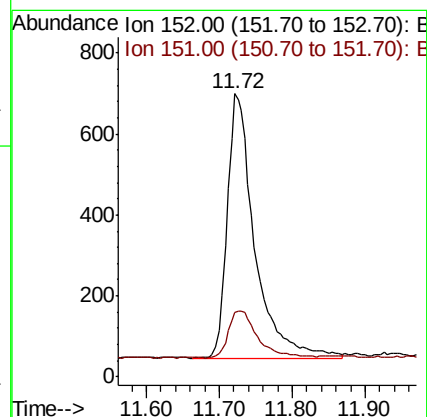
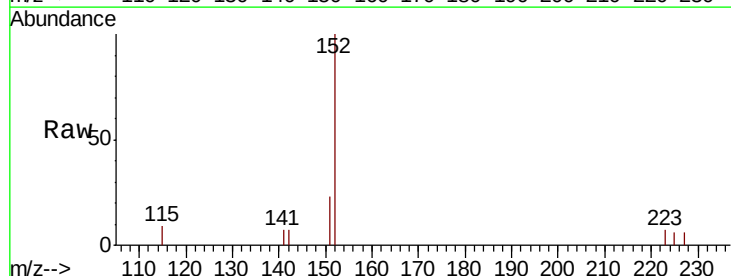
Instrument :
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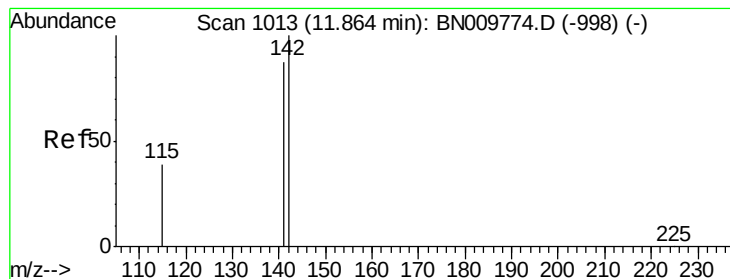
Tot Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 50.0 53.4 80.2#



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 11.72 min Scan# 981
Delta R.T. -0.06 min
Lab File: BN010161.D
Acq: 10 Mar 2020 14:57

Tgt Ion: 152 Resp: 1709
Ion Ratio Lower Upper
152 100
151 19.3 15.1 22.7





#12

2-Methylnaphthalene

Concen: 0.000 ng

RT: 11.80 min Scan# 998

Delta R.T. -0.07 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

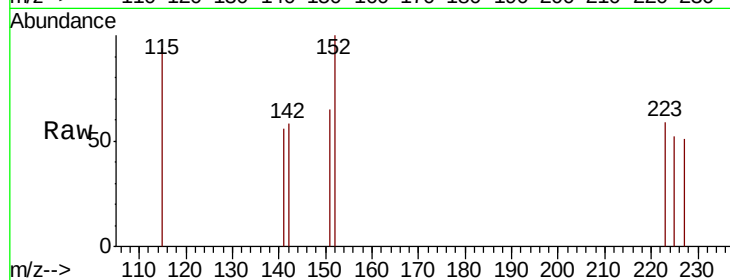
Tot Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 96.0 69.8 104.6

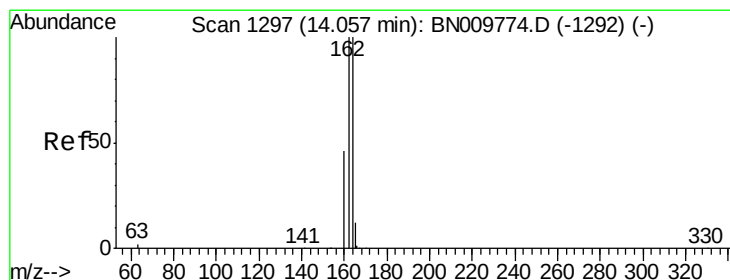
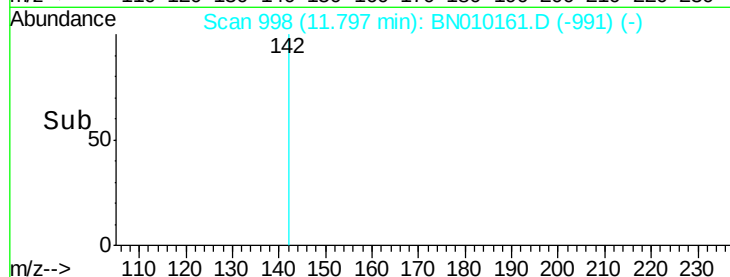
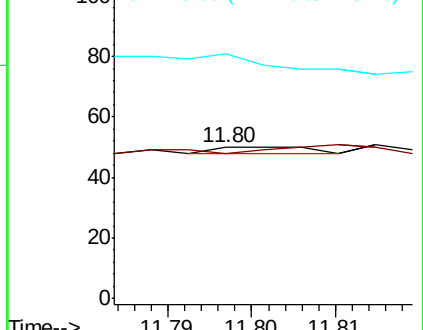
115 162.0 34.6 52.0#



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: 14.01 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

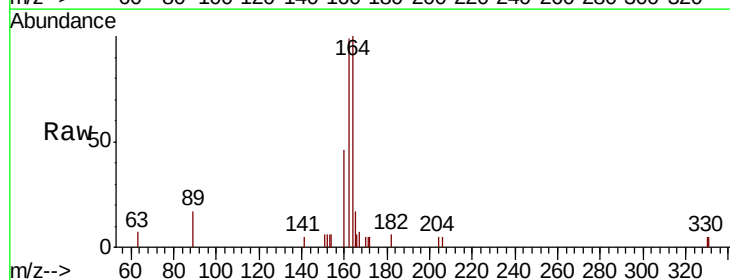
Tgt Ion:164 Resp: 1887

Ion Ratio Lower Upper

164 100

162 99.2 79.9 119.9

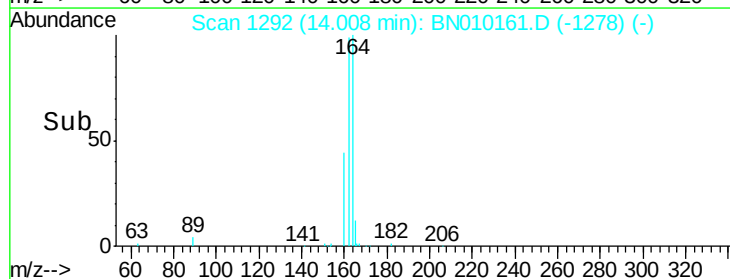
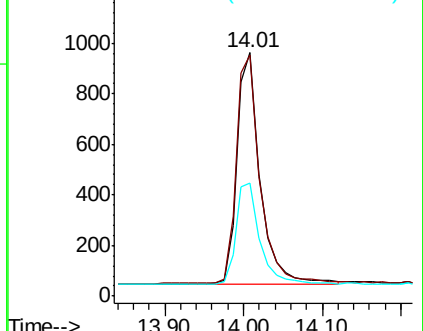
160 46.3 38.2 57.2

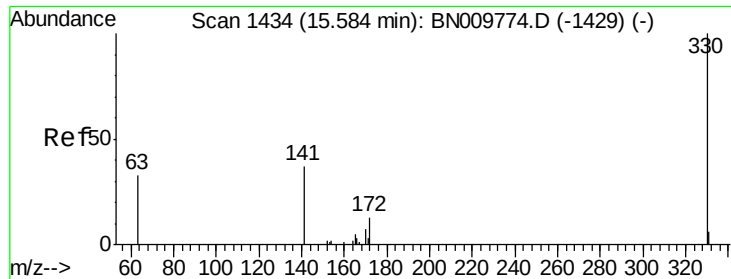


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.458 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

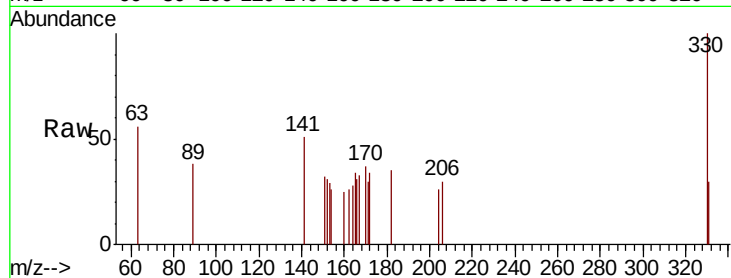
Tot Ion:330 Resp: 333

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 44.1 36.8 55.2



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

15.55

200

150

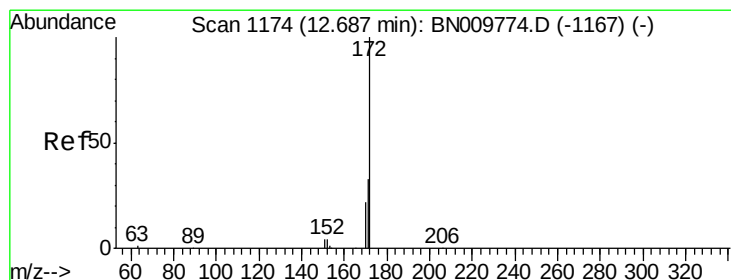
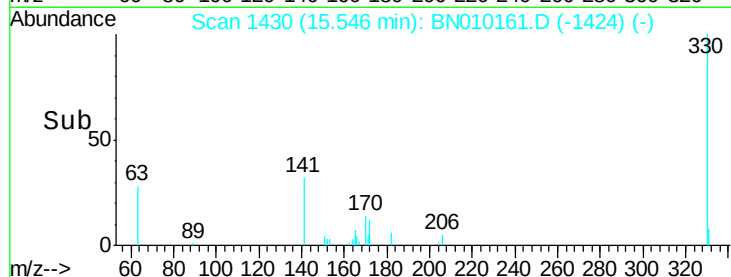
100

50

0

15.40 15.50 15.60 15.70

Time-->



#15

2-Fluorobiphenyl

Concen: 0.355 ng

RT: 12.63 min Scan# 1168

Delta R.T. -0.06 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

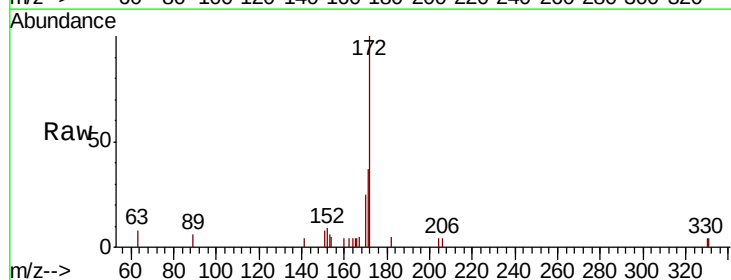
Tgt Ion:172 Resp: 2530

Ion Ratio Lower Upper

172 100

171 37.3 28.7 43.1

170 25.0 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

12.63

1500

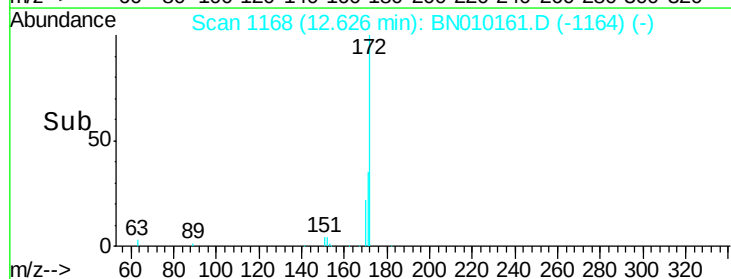
1000

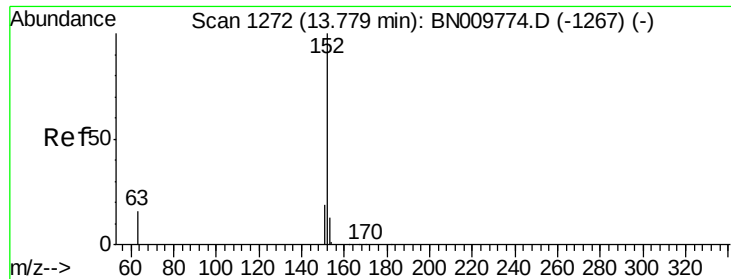
500

0

12.50 12.60 12.70 12.80

Time-->





#16

Acenaphthylene

Concen: 0.001 ng

RT: 13.72 min Scan# 1266

Delta R.T. -0.06 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

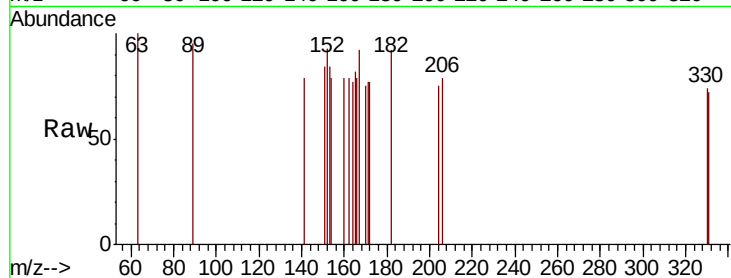
Tot Ion:152 Resp: 7

Ion Ratio Lower Upper

152 100

151 0.0 15.8 23.6#

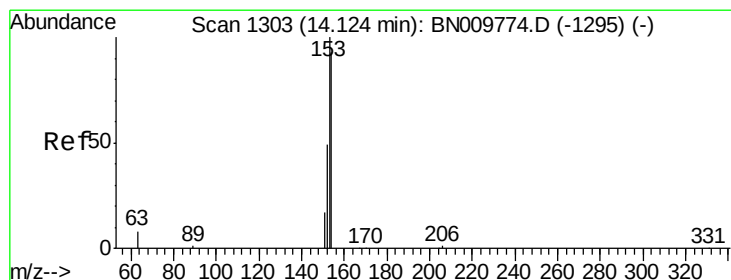
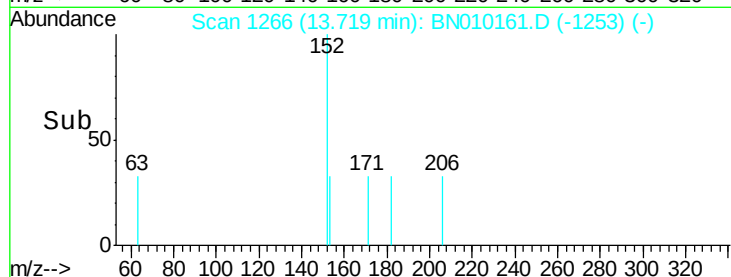
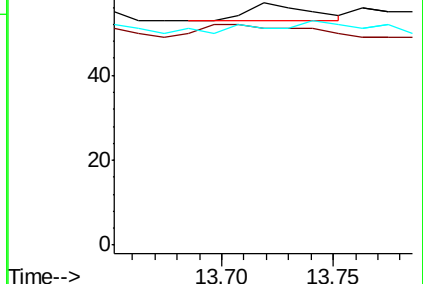
153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.001 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.07 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

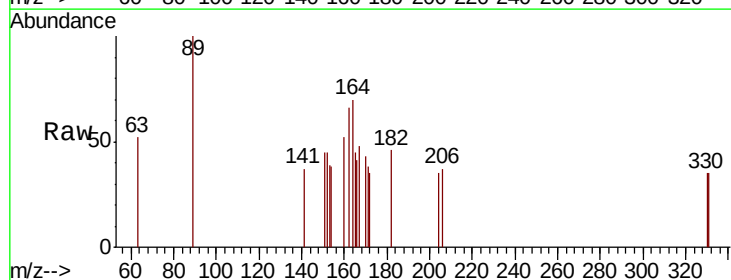
Tgt Ion:154 Resp: 6

Ion Ratio Lower Upper

154 100

153 0.0 88.9 133.3#

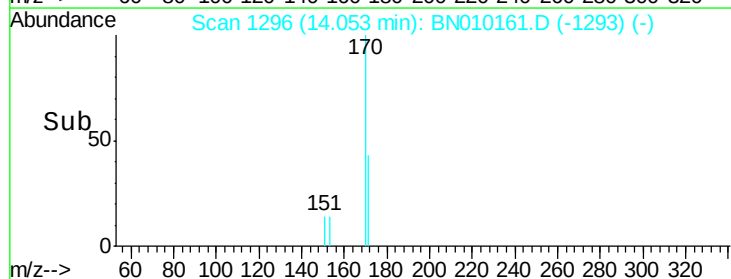
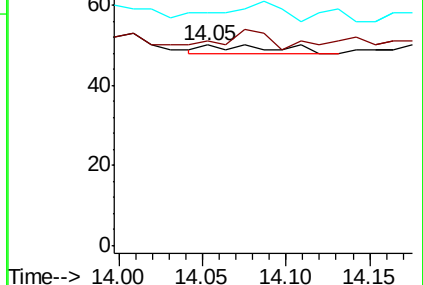
152 0.0 44.2 66.2#

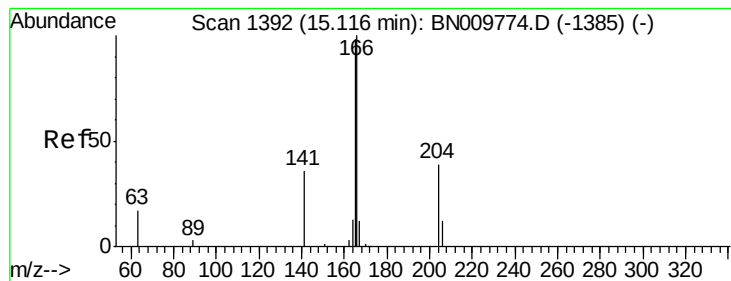


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.001 ng

RT: 15.03 min Scan# 1384

Delta R.T. -0.08 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

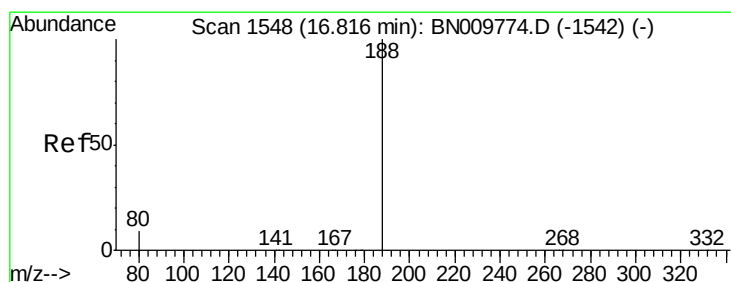
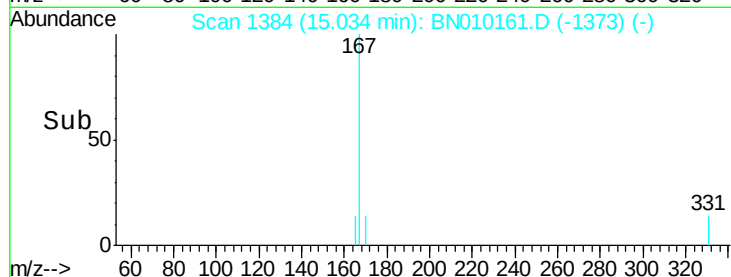
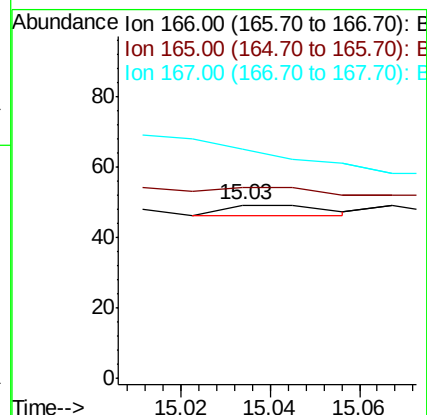
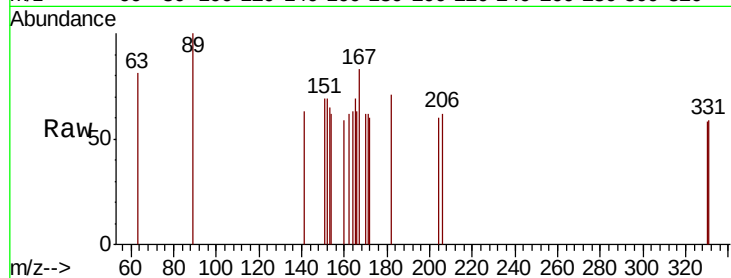
Tot Ion:166 Resp: 5

Ion Ratio Lower Upper

166 100

165 0.0 77.2 115.8#

167 0.0 10.5 15.7#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1544

Delta R.T. -0.04 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

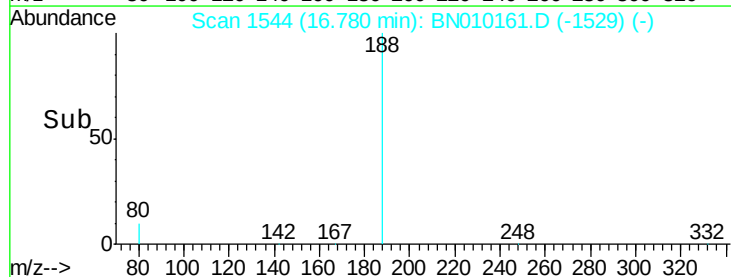
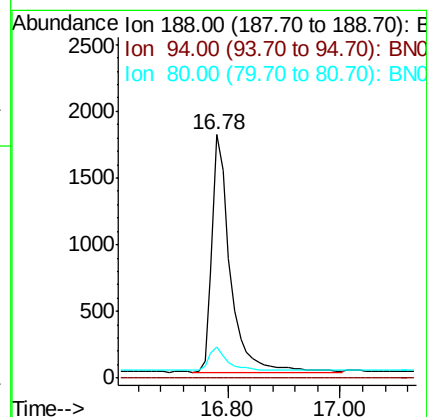
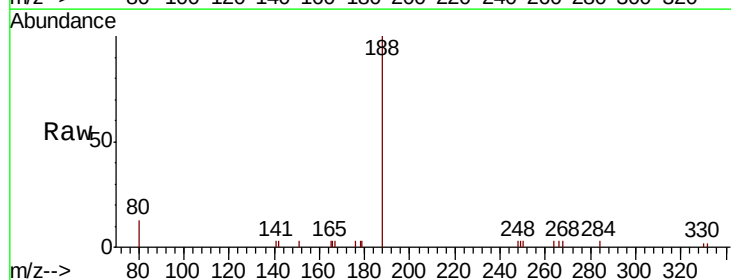
Tgt Ion:188 Resp: 4036

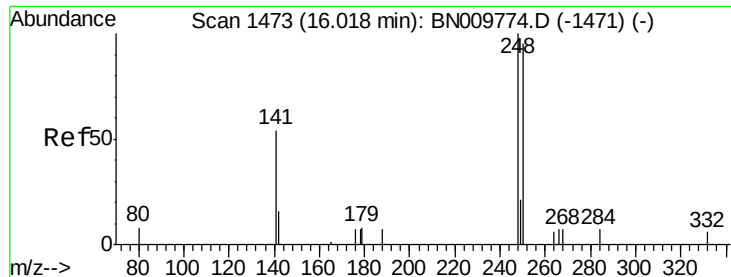
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 8.3 12.5#





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

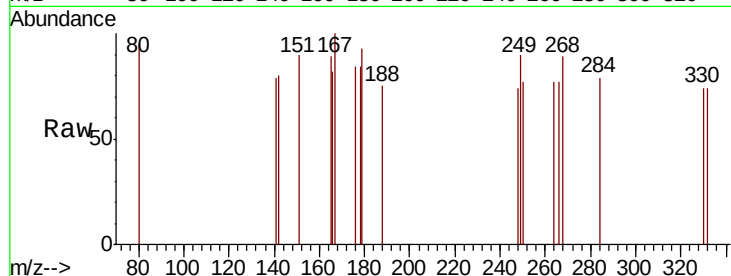
Tot Ion:248 Resp: 116

Ion Ratio Lower Upper

248 100

250 104.4 76.2 114.4

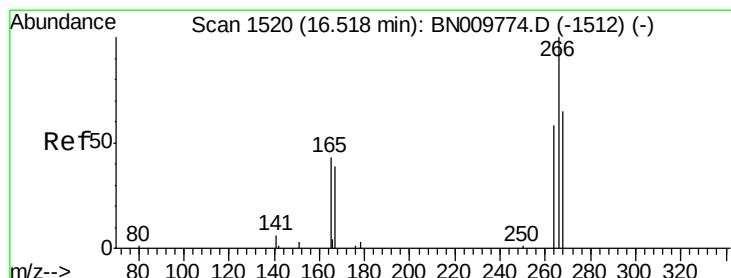
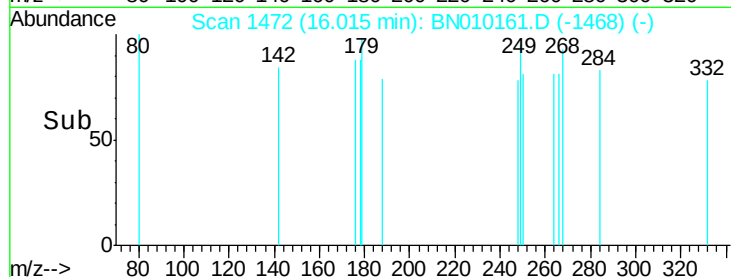
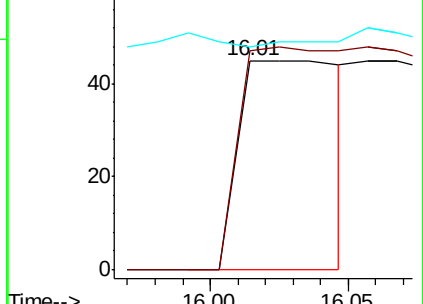
141 106.7 57.8 86.6#



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



#22

Pentachlorophenol

Concen: 0.200 ng

RT: 16.54 min Scan# 1521

Delta R.T. 0.02 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

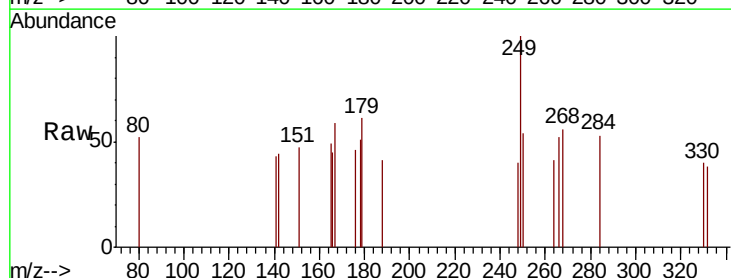
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 80.0 58.1 87.1

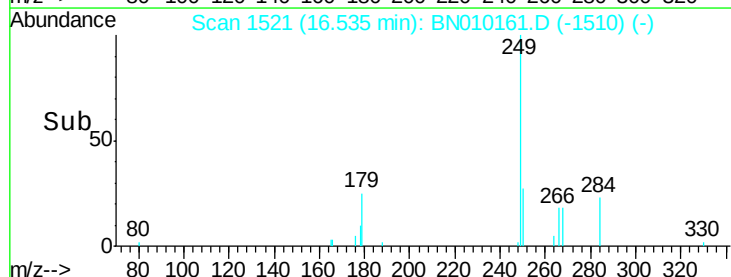
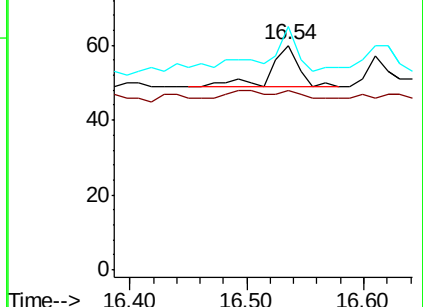
268 108.3 65.7 98.5#

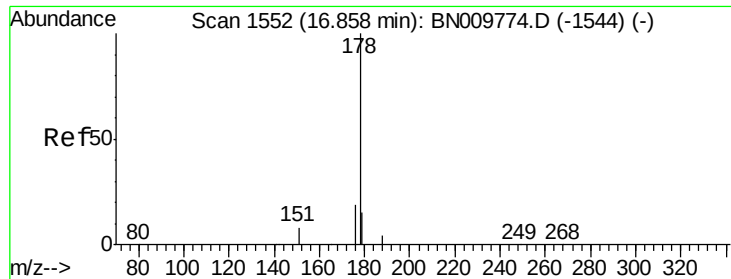


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.002 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

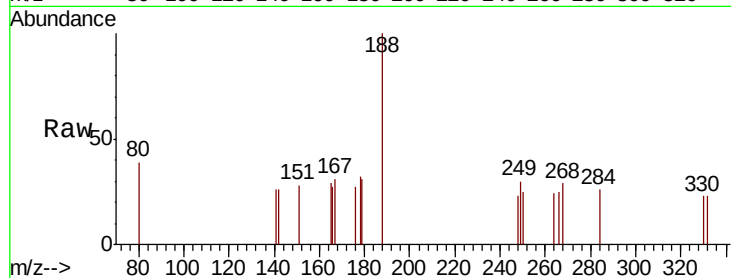
Tot Ion:178 Resp: 26

Ion Ratio Lower Upper

178 100

176 42.3 15.3 22.9#

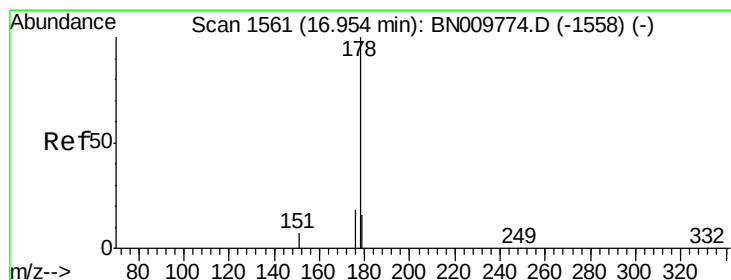
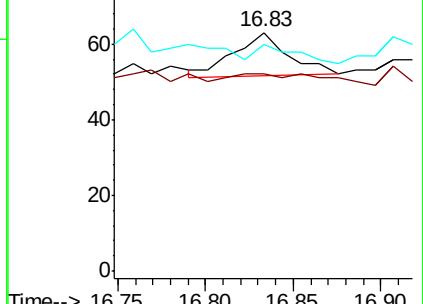
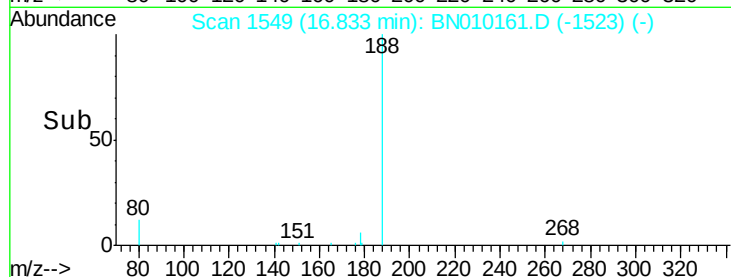
179 30.8 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.003 ng

RT: 16.95 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

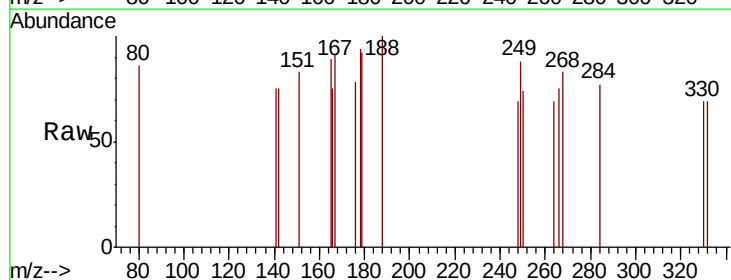
Tgt Ion:178 Resp: 32

Ion Ratio Lower Upper

178 100

176 9.4 14.3 21.5#

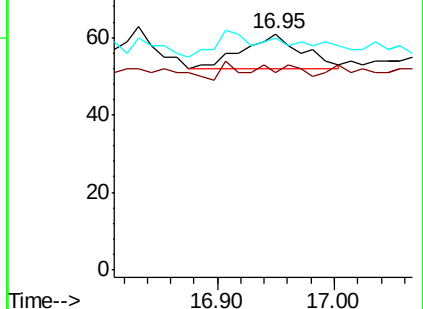
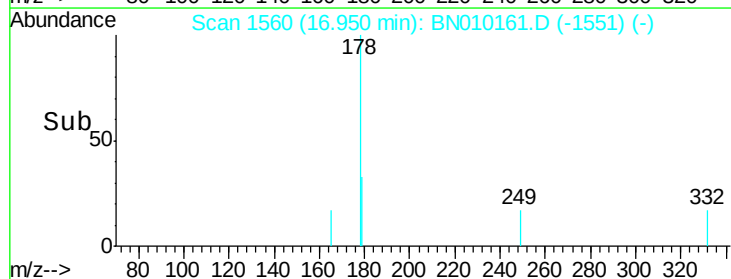
179 0.0 12.4 18.6#

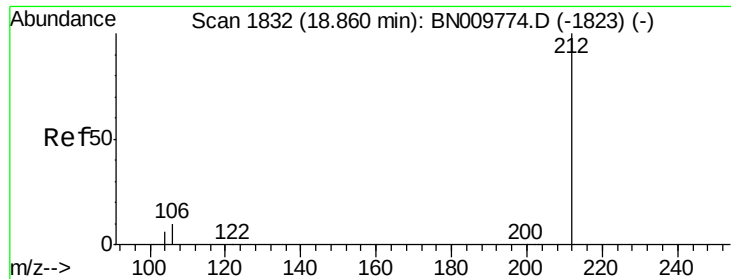


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.233 ng

RT: 18.83 min Scan# 1824

Delta R.T. -0.03 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

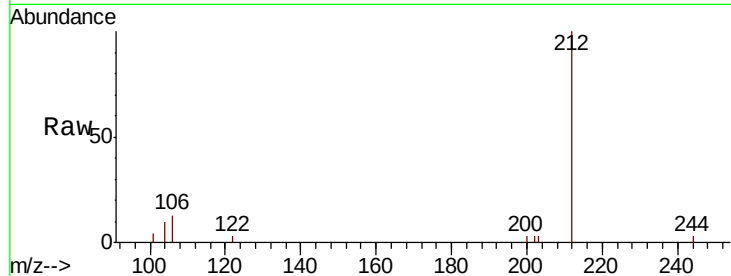
Tot Ion:212 Resp: 3252

Ion Ratio Lower Upper

212 100

106 10.1 8.4 12.6

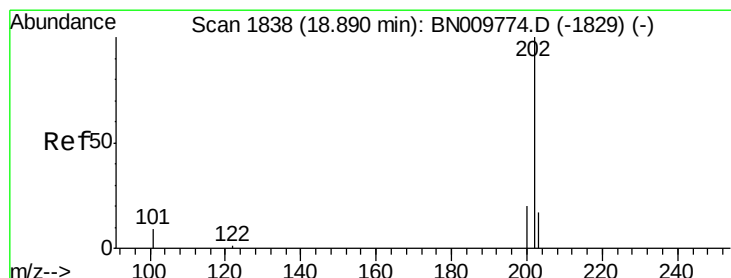
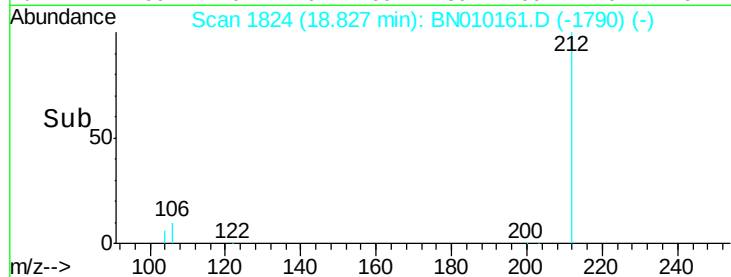
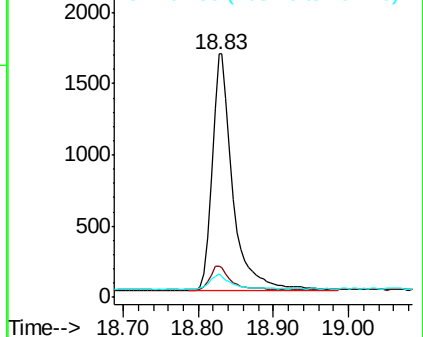
104 6.2 4.8 7.2



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: 0.002 ng

RT: 18.87 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

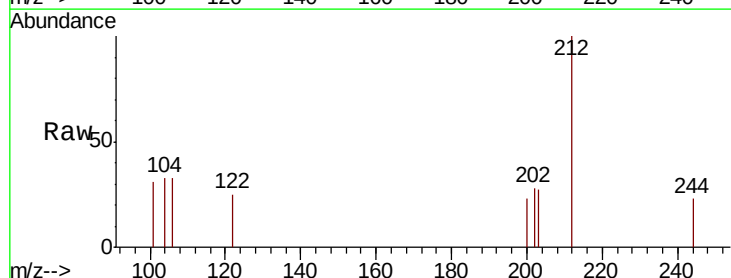
Tgt Ion:202 Resp: 22

Ion Ratio Lower Upper

202 100

101 22.7 7.1 10.7#

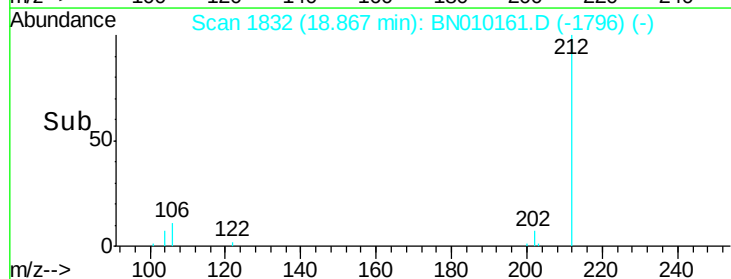
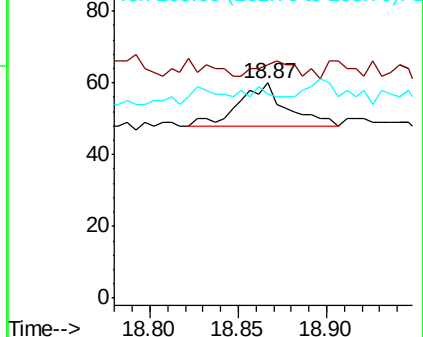
203 9.1 13.8 20.6#

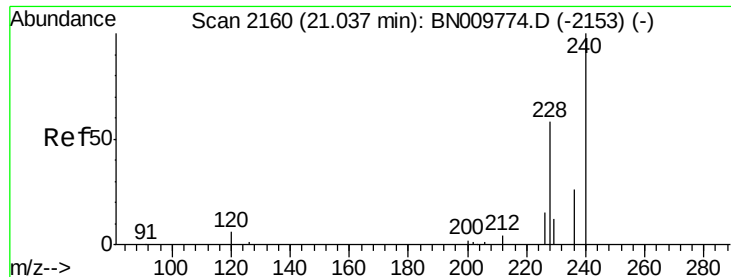


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

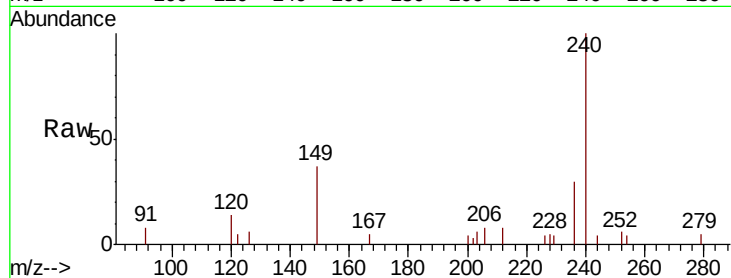
Tot Ion:240 Resp: 3084

Ion Ratio Lower Upper

240 100

120 13.7 7.9 11.9#

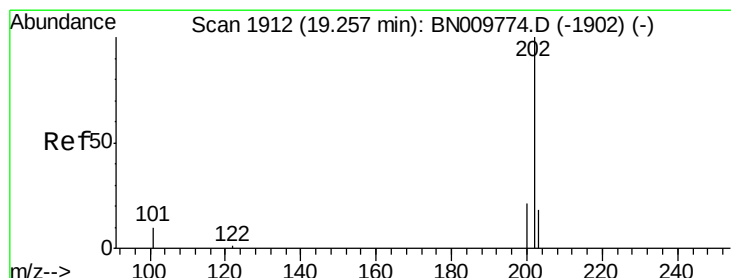
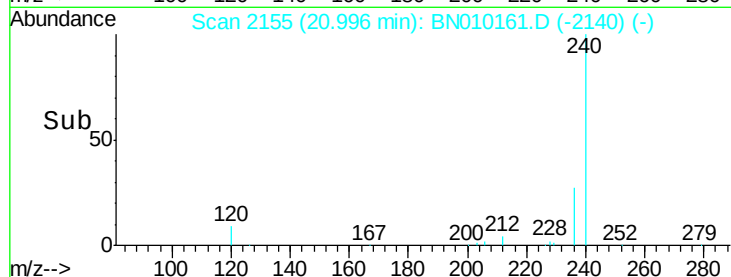
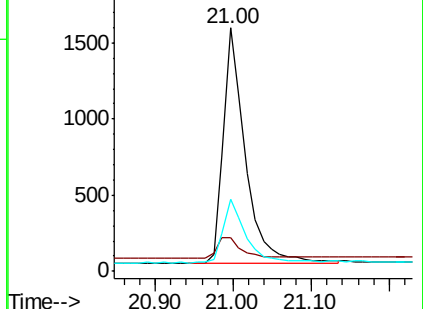
236 29.6 22.0 33.0



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: 0.004 ng

RT: 19.23 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

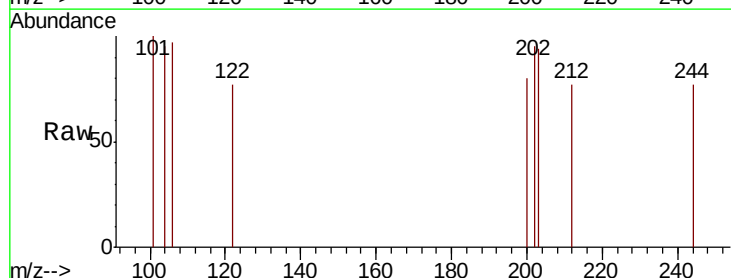
Tgt Ion:202 Resp: 42

Ion Ratio Lower Upper

202 100

200 26.2 16.4 24.6#

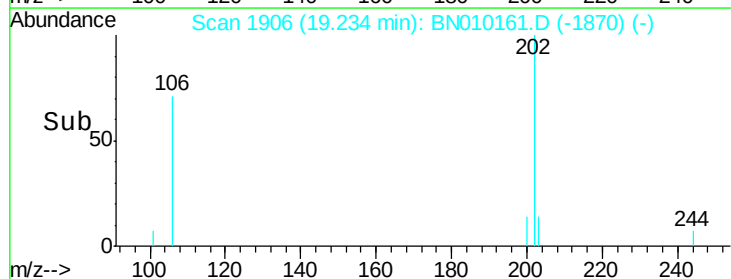
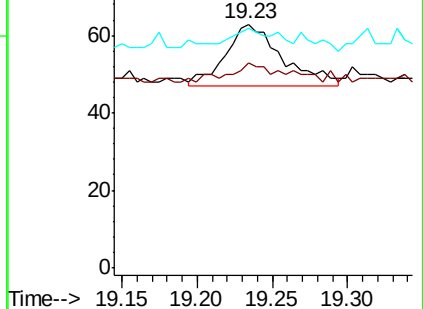
203 14.3 13.9 20.9

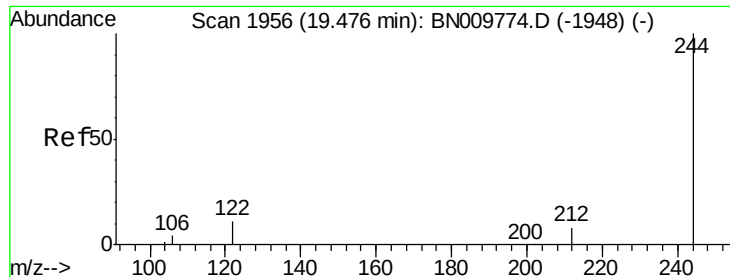


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.04 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

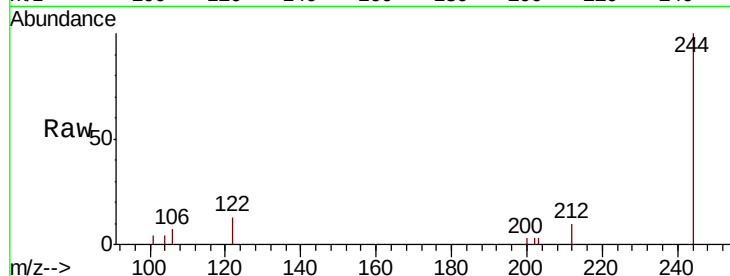
Tot Ion:244 Resp: 2948

Ion Ratio Lower Upper

244 100

212 10.4 8.0 12.0

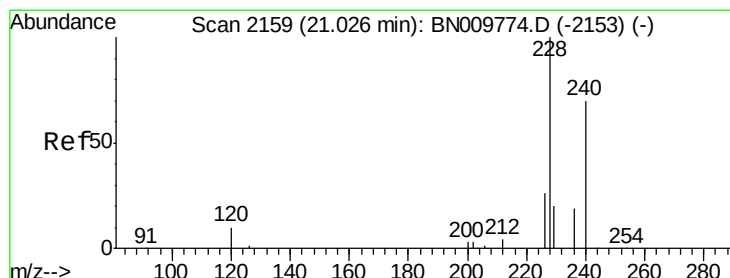
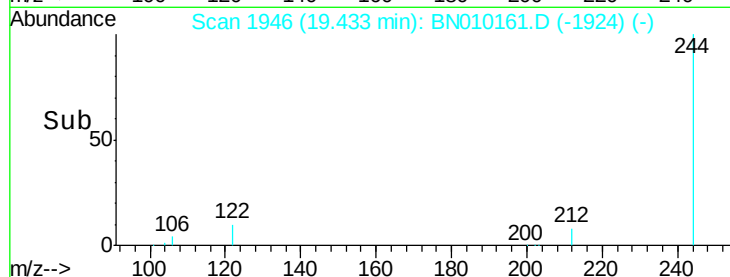
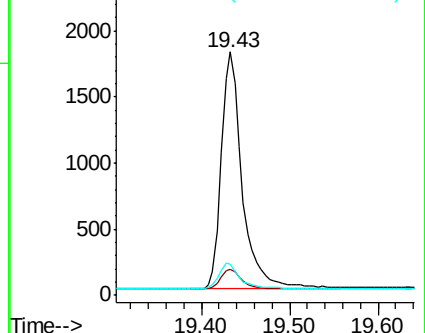
122 12.7 10.0 15.0



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: 0.008 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.03 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

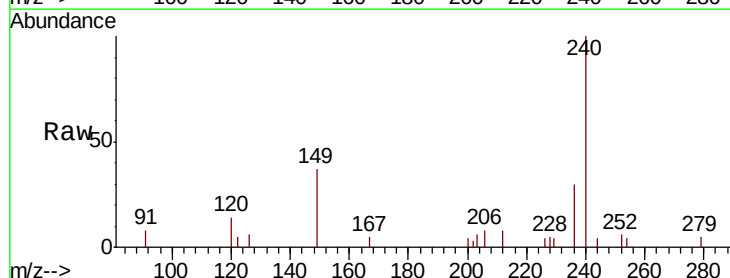
Tgt Ion:228 Resp: 82

Ion Ratio Lower Upper

228 100

226 68.2 21.8 32.8#

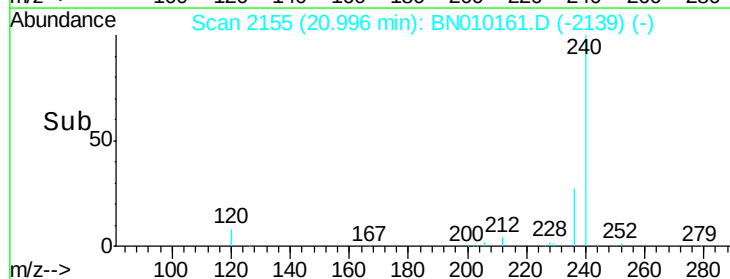
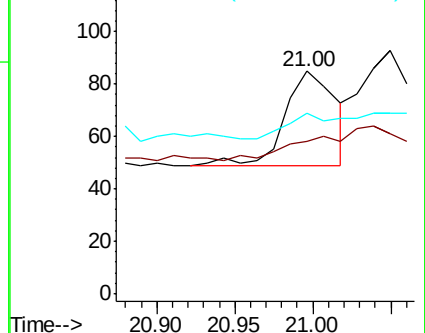
229 81.2 17.1 25.7#

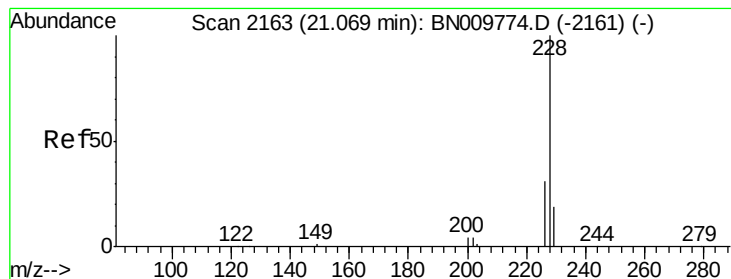


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.007 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

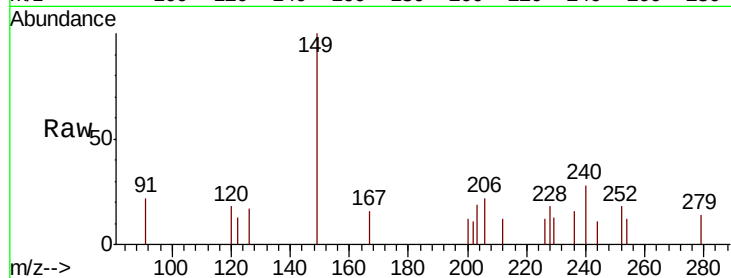
Tot Ion:228 Resp: 88

Ion Ratio Lower Upper

228 100

226 65.6 24.8 37.2#

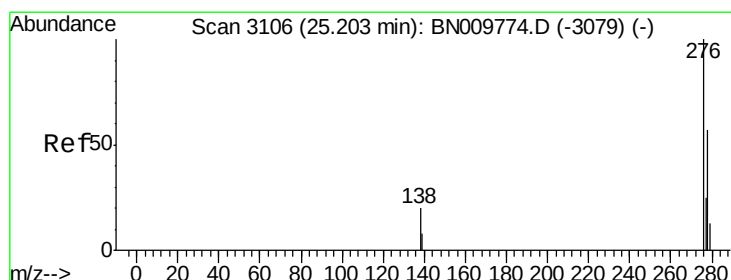
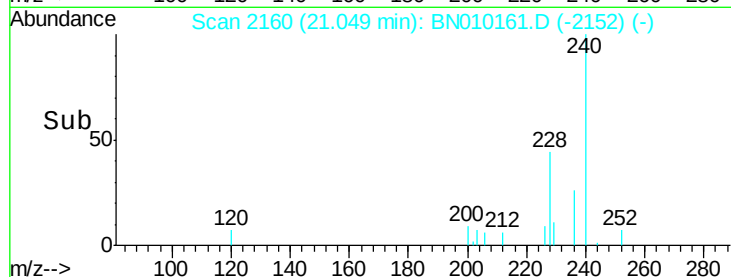
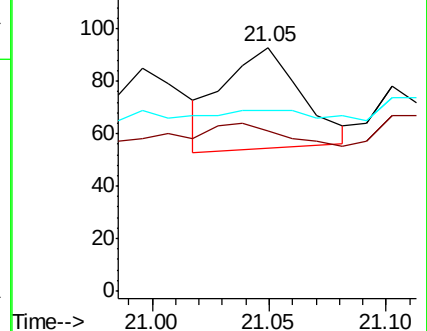
229 74.2 16.4 24.6#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 25.00 min Scan# 3046

Delta R.T. -0.20 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

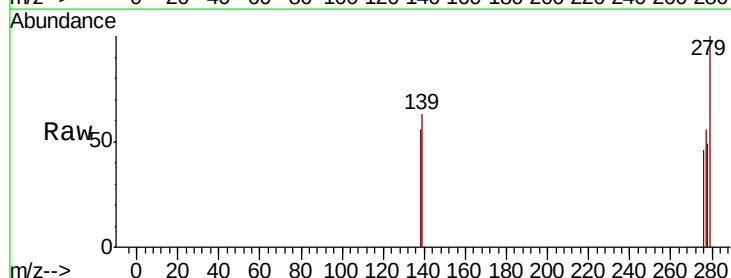
Tgt Ion:276 Resp: 31

Ion Ratio Lower Upper

276 100

138 161.3 15.8 23.6#

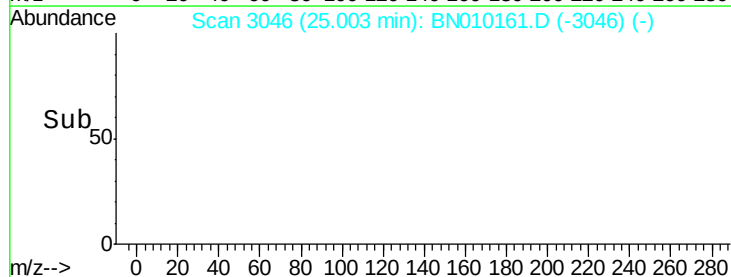
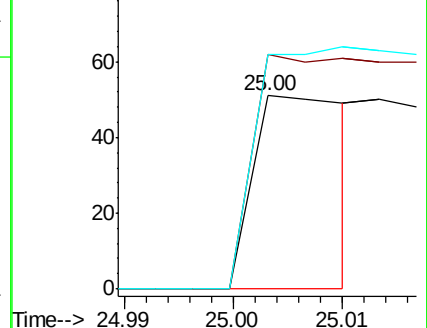
277 332.3 19.3 28.9#

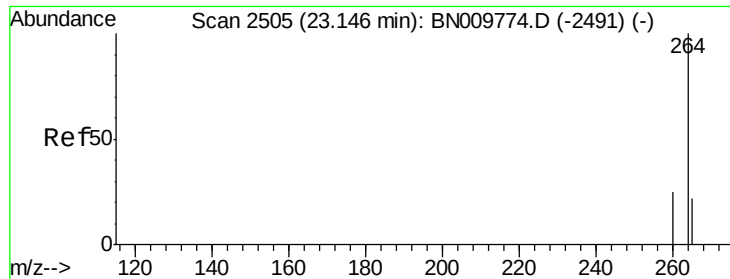


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2494

Delta R.T. -0.03 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampled :

PB127320BL

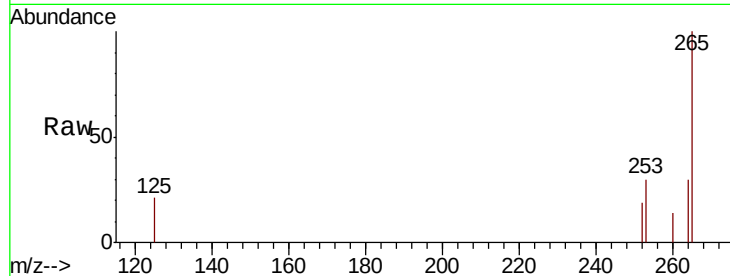
Tot Ion:264 Resp: 490

Ion Ratio Lower Upper

264 100

260 45.2 21.1 31.7#

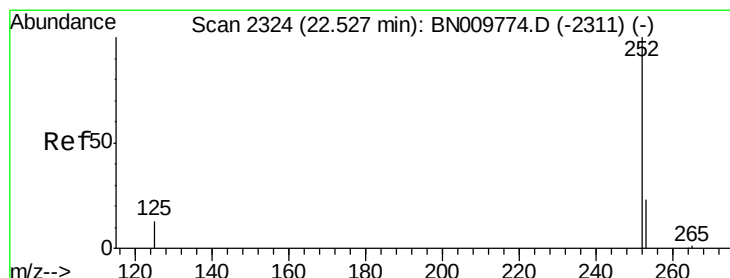
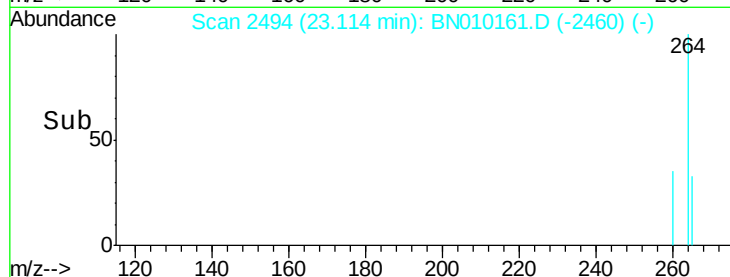
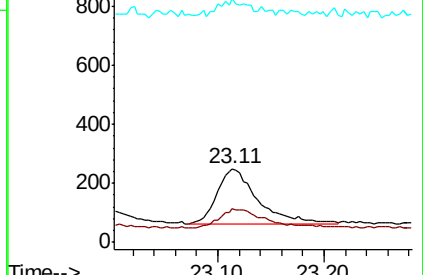
265 330.0 57.5 86.3#



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: 0.106 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.02 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

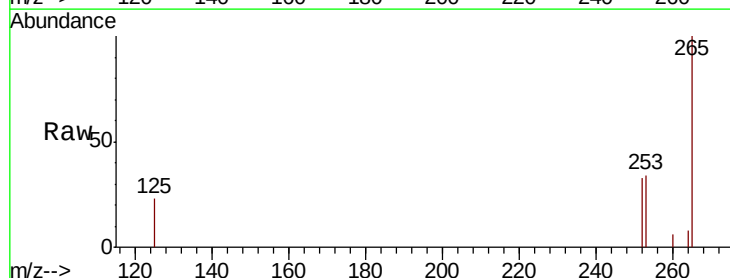
Tgt Ion:252 Resp: 190

Ion Ratio Lower Upper

252 100

253 102.4 23.0 34.6#

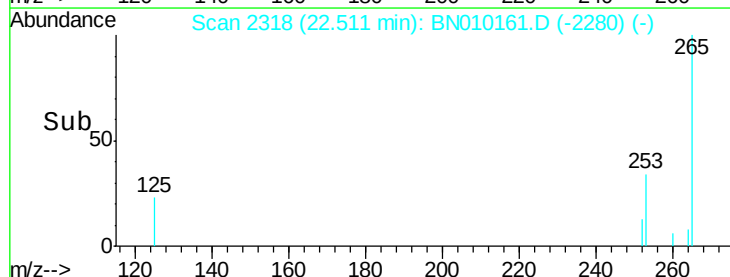
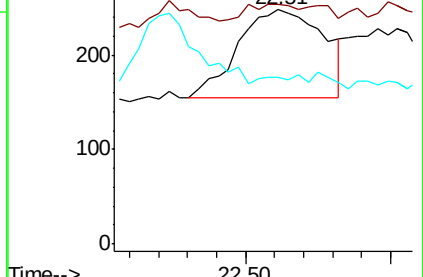
125 71.0 14.4 21.6#

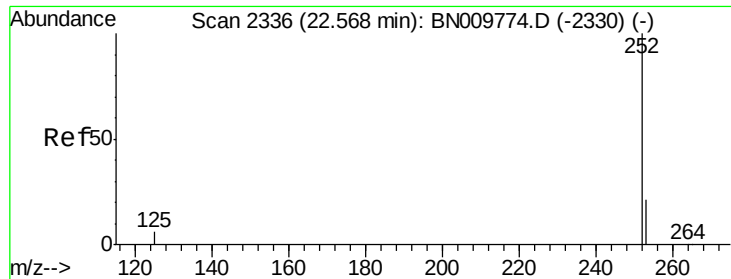


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 0.097 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.06 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

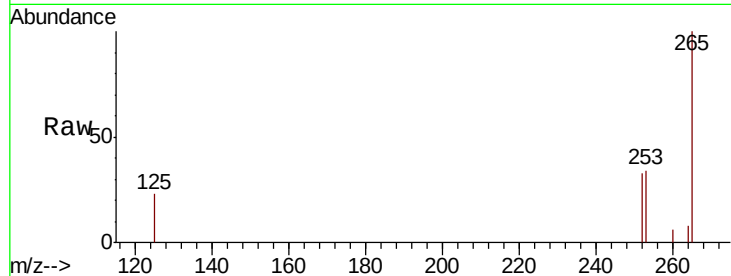
Tot Ion:252 Resp: 190

Ion Ratio Lower Upper

252 100

253 102.4 22.2 33.2#

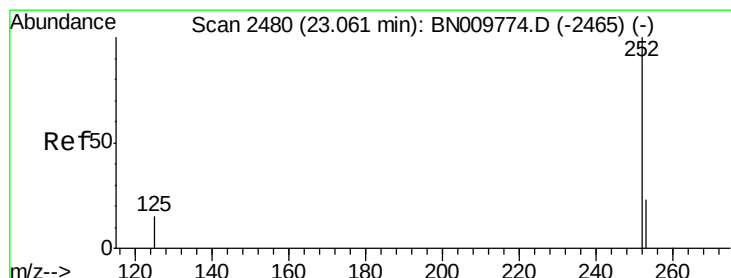
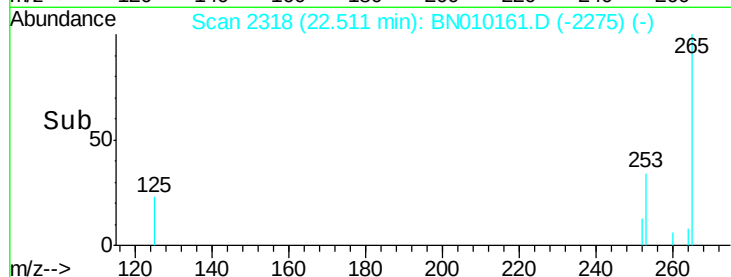
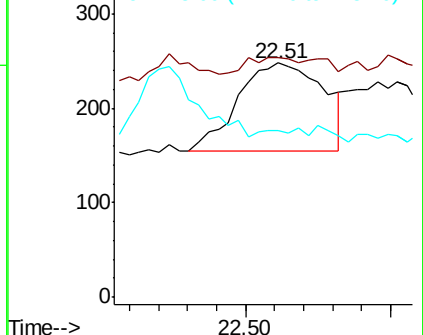
125 71.0 10.5 15.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.030 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.03 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

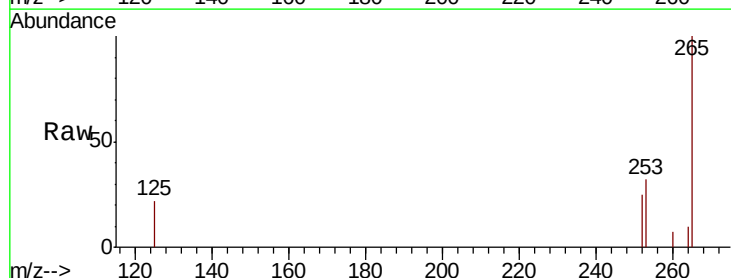
Tgt Ion:252 Resp: 49

Ion Ratio Lower Upper

252 100

253 131.4 25.3 37.9#

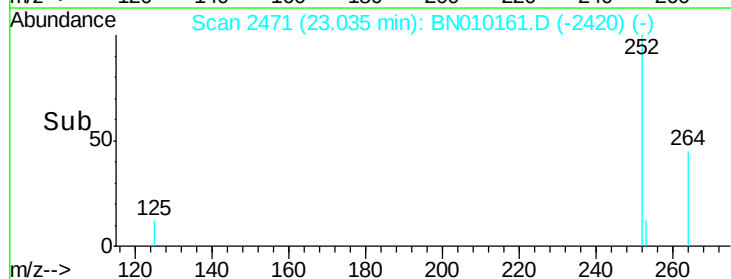
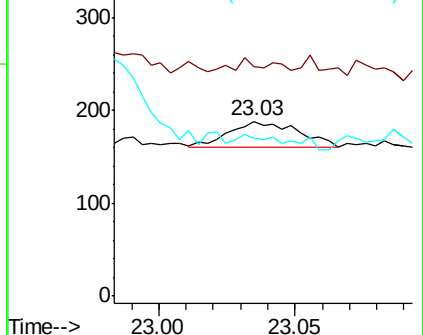
125 90.4 17.7 26.5#

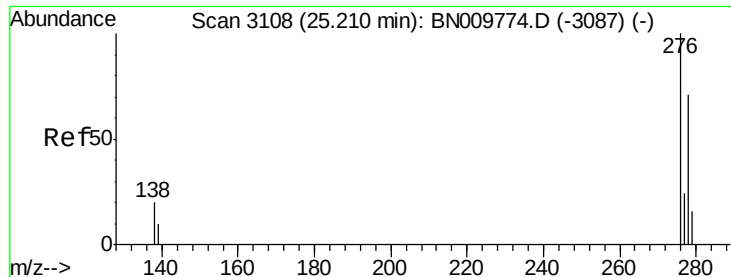


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.034 ng

RT: 25.00 min Scan# 3046

Delta R.T. -0.21 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

Instrument :

BNA_N

ClientSampleId :

PB127320BL

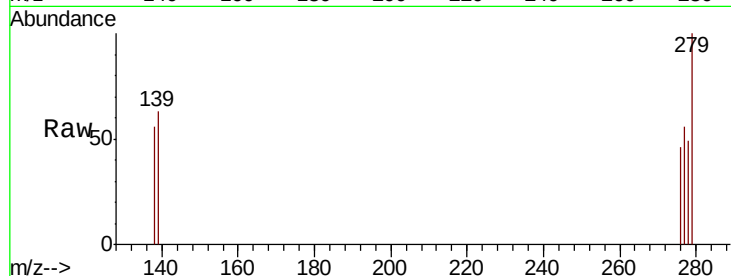
Tot Ion:278 Resp: 54

Ion Ratio Lower Upper

278 100

139 129.6 14.5 21.7#

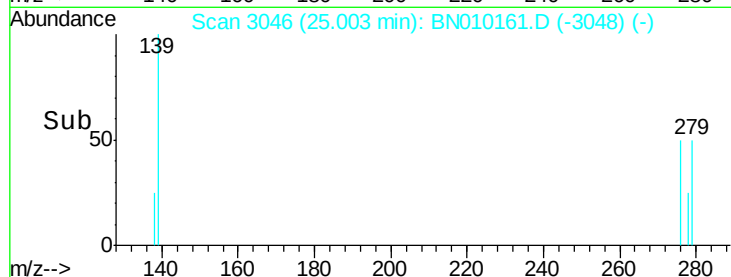
279 205.6 24.3 36.5#



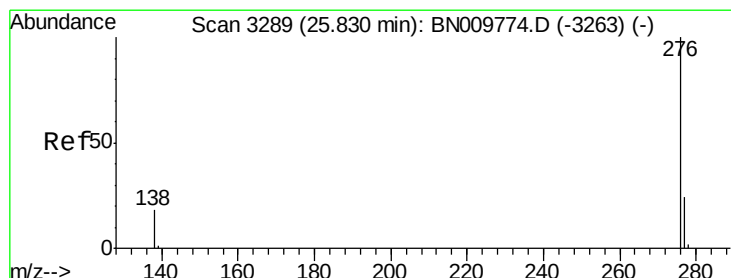
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#39

Benzo(g,h,i)perylene

Concen: 0.010 ng

RT: 25.80 min Scan# 3278

Delta R.T. -0.03 min

Lab File: BN010161.D

Acq: 10 Mar 2020 14:57

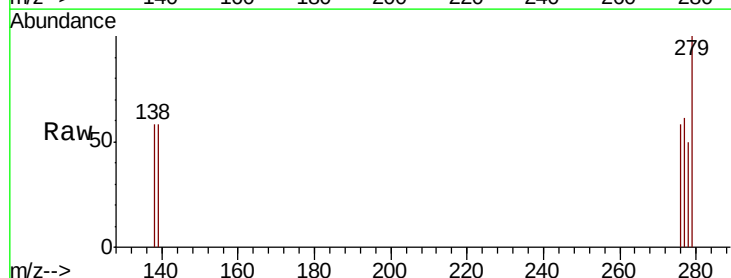
Tgt Ion:276 Resp: 17

Ion Ratio Lower Upper

276 100

277 106.6 21.4 32.0#

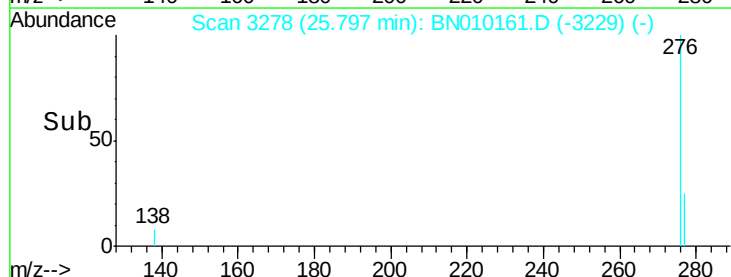
138 100.0 16.6 24.8#



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



Time-->