

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010830.D
 Acq On : 10 Jun 2020 22:51
 Operator : CG/JU
 Sample : L2904-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:46:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3053	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11072	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	7349	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	13565	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	13479	0.40	ng	0.00
34) Perylene-d12	23.29	264	14737	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	1091	0.19	ng	0.00
5) Phenol-d6	6.75	99	796	0.11	ng	0.00
8) Nitrobenzene-d5	8.69	82	3457	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	6325	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	1184	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.80	172	9765	0.34	ng	0.00
25) Fluoranthene-d10	18.96	212	16255	0.43	ng	0.00
29) Terphenyl-d14	19.58	244	13604	0.43	ng	0.00

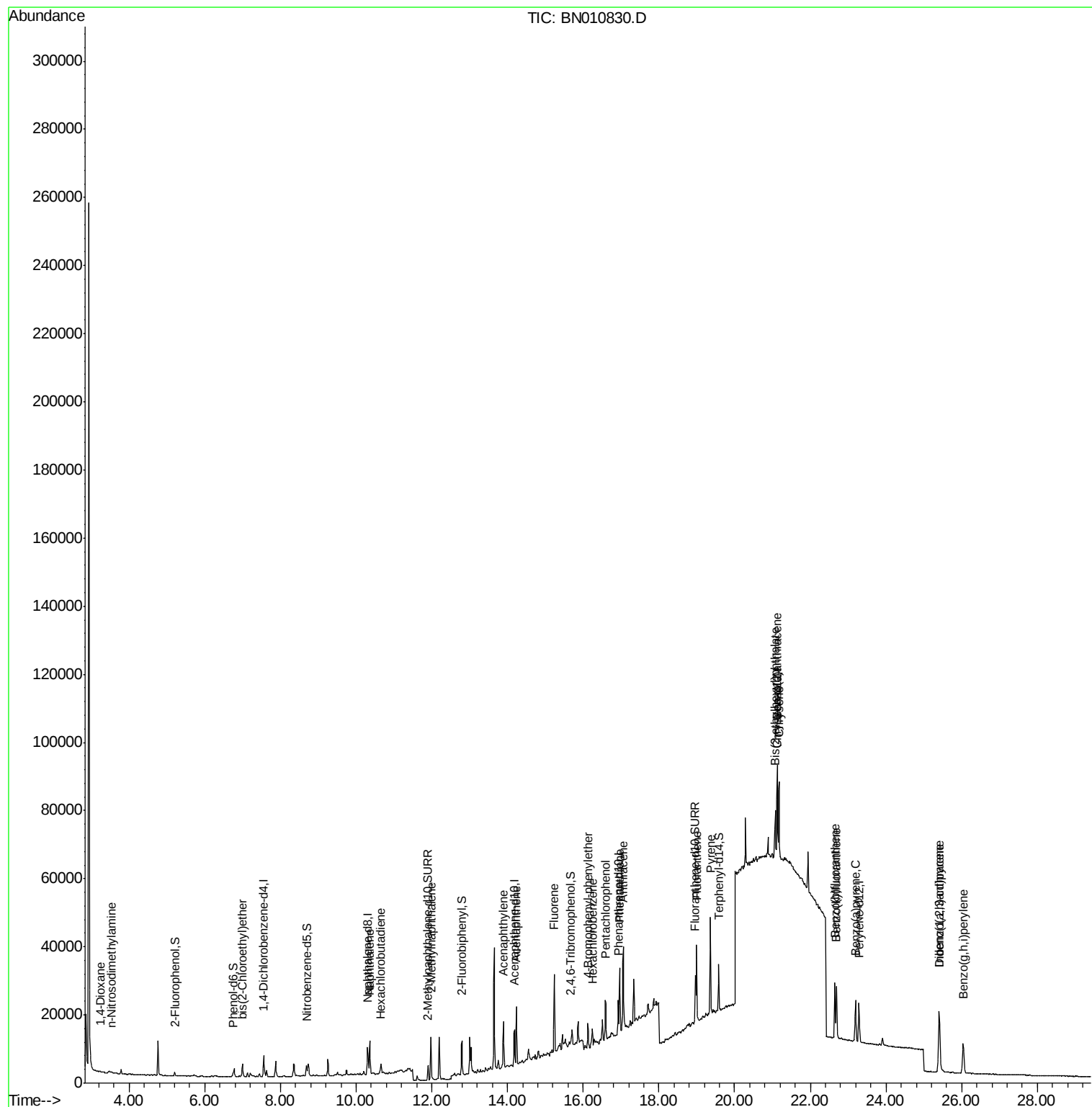
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	321	0.107	ng	# 27
3) n-Nitrosodimethylamine	3.53	42	270	0.155	ng	# 100
6) bis(2-Chloroethyl)ether	6.99	93	3233	0.478	ng	96
9) Naphthalene	10.35	128	12807	0.460	ng	99
10) Hexachlorobutadiene	10.65	225	2607	0.379	ng	# 99
12) 2-Methylnaphthalene	11.97	142	9156	0.492	ng	97
16) Acenaphthylene	13.89	152	14422	0.479	ng	# 83
17) Acenaphthene	14.24	154	8397	0.409	ng	97
18) Fluorene	15.23	166	11535	0.436	ng	98
20) 4-Bromophenyl-phenylether	16.12	248	3435	0.421	ng	# 66
21) Hexachlorobenzene	16.24	284	3477	0.409	ng	92
22) Pentachlorophenol	16.59	266	5503	1.928	ng	95
23) Phenanthrene	16.96	178	19594	0.529	ng	96
24) Anthracene	17.06	178	26190	0.847	ng	97
26) Fluoranthene	18.99	202	21340	0.507	ng	# 97
28) Pyrene	19.36	202	25969	0.582	ng	97
30) Benzo(a)anthracene	21.12	228	19911	0.503	ng	# 79
31) Chrysene	21.17	228	19800	0.429	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.08	149	10489	0.794	ng	100
33) Indeno(1,2,3-cd)pyrene	25.40	276	20137	0.390	ng	# 95
35) Benzo(b)fluoranthene	22.65	252	19129	0.382	ng	# 77
36) Benzo(k)fluoranthene	22.69	252	19007	0.356	ng	# 76
37) Benzo(a)pyrene	23.19	252	17407	0.405	ng	# 82
38) Dibenzo(a,h)anthracene	25.41	278	16433	0.335	ng	# 84
39) Benzo(g,h,i)perylene	26.04	276	17204	0.336	ng	# 89

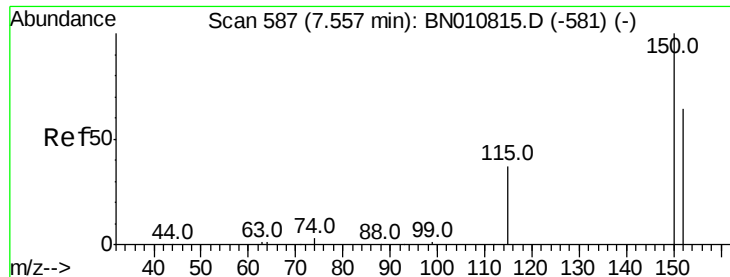
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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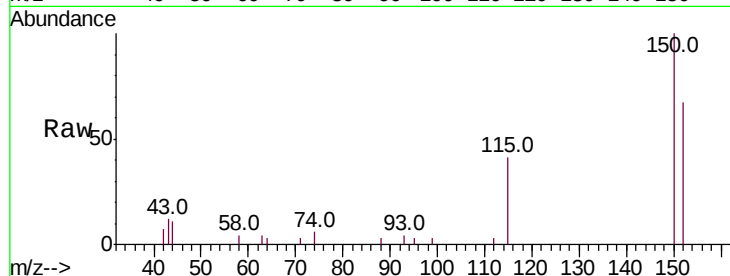


#1

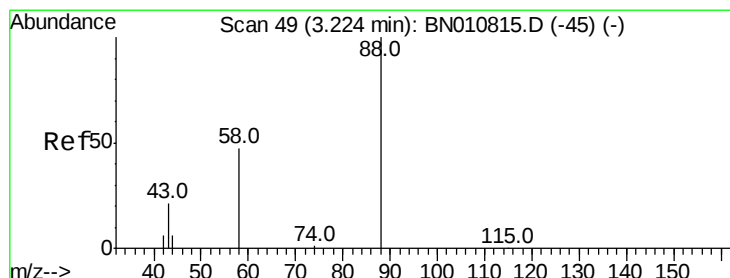
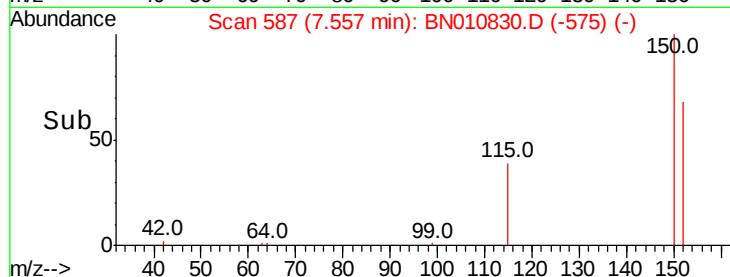
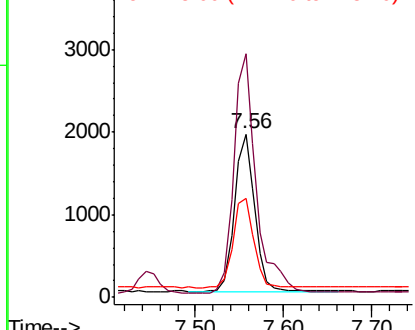
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3053
Ion Ratio Lower Upper
152 100
150 149.0 123.8 185.6
115 60.8 49.2 73.8



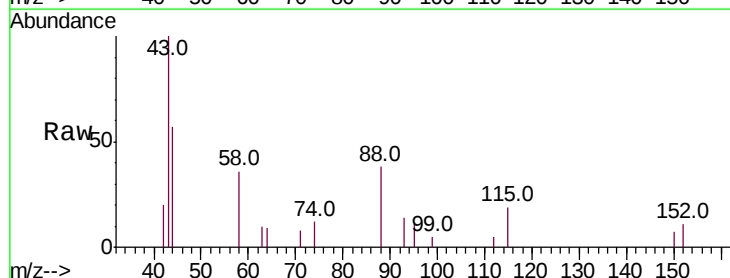
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



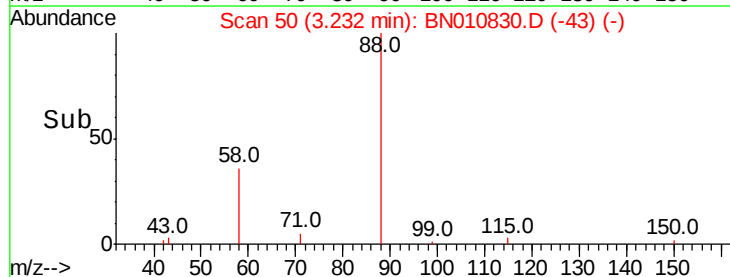
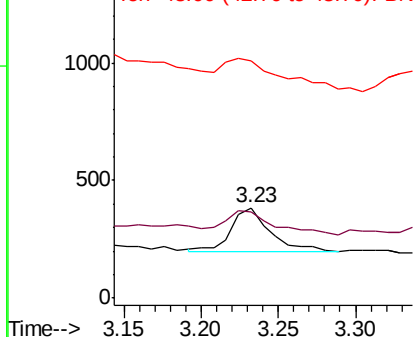
#2

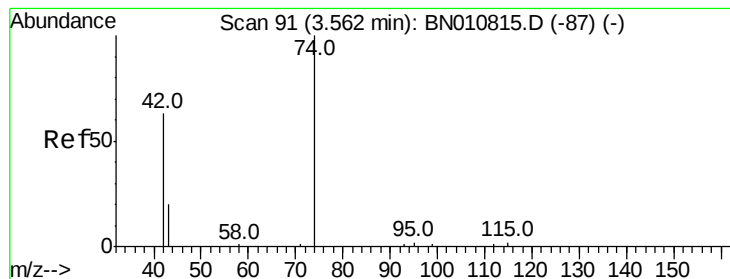
1,4-Dioxane
Concen: 0.107 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion: 88 Resp: 321
Ion Ratio Lower Upper
88 100
58 68.2 38.2 57.4#
43 100.0 15.1 22.7#



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: 0.155 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.03 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

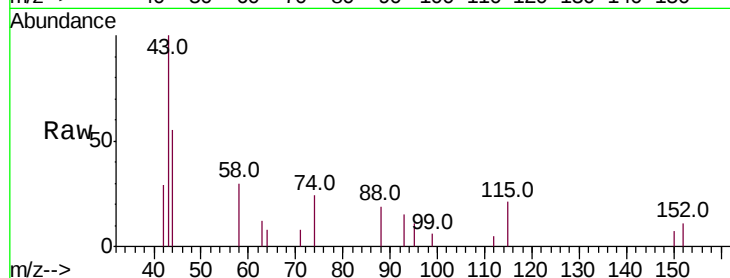
Tot Ion: 42 Resp: 270

Ion Ratio Lower Upper

42 100

74 175.9 140.7 211.1

44 0.0 1.4 2.2#

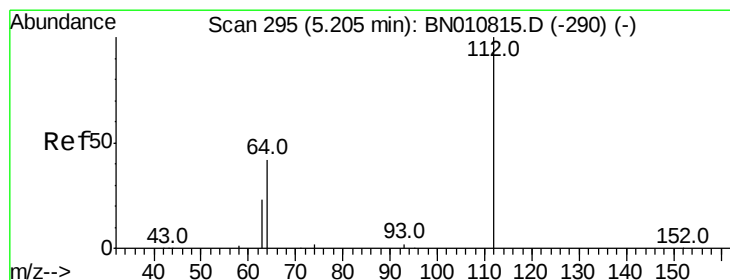
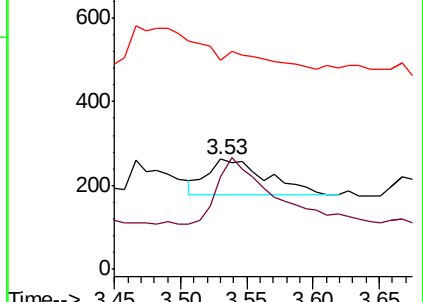
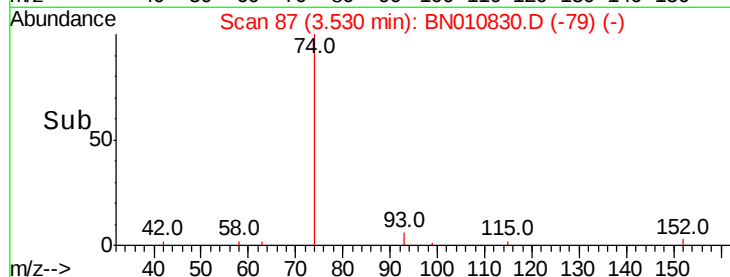


Abundance Ion 42.00 (41.70 to 42.70): BN010830.D (-79) (-)

Ion 74.00 (73.70 to 74.70): BN010830.D (-79) (-)

Ion 44.00 (43.70 to 44.70): BN010830.D (-79) (-)

Time--> 3.45 3.50 3.55 3.60 3.65



#4

2-Fluorophenol

Concen: 0.185 ng

RT: 5.21 min Scan# 295

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

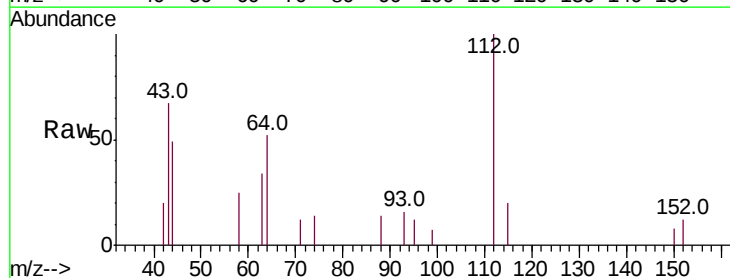
Tgt Ion: 112 Resp: 1091

Ion Ratio Lower Upper

112 100

64 45.6 37.4 56.0

63 25.0 22.2 33.4

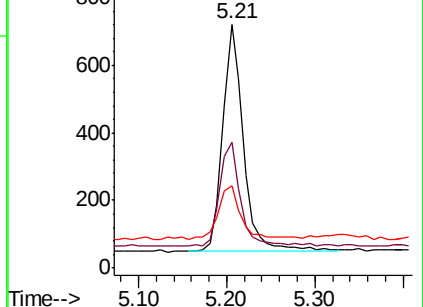
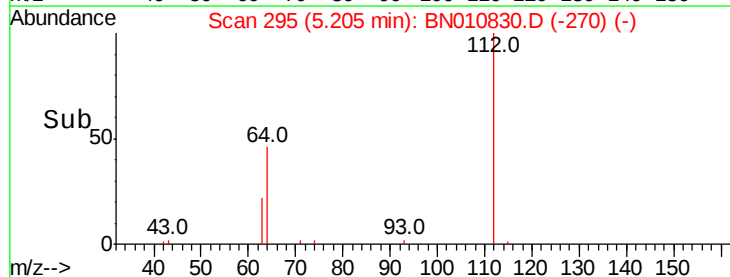


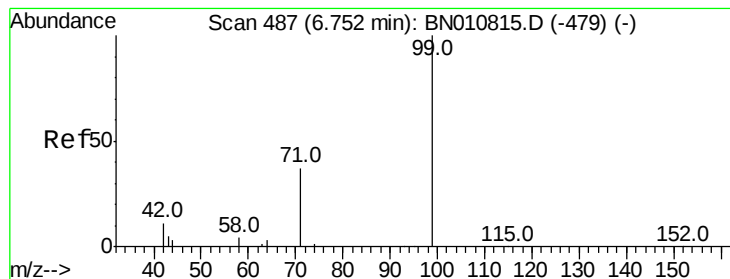
Abundance Ion 112.00 (111.70 to 112.70): BN010830.D (-270) (-)

Ion 64.00 (63.70 to 64.70): BN010830.D (-270) (-)

Ion 63.00 (62.70 to 63.70): BN010830.D (-270) (-)

Time--> 5.10 5.20 5.30





#5

Phenol-d6

Concen: 0.115 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

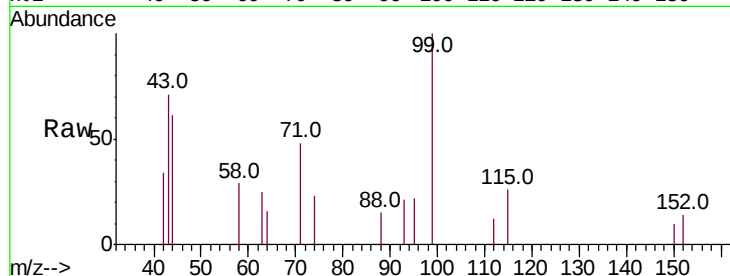
Tot Ion: 99 Resp: 796

Ion Ratio Lower Upper

99 100

42 30.7 11.1 16.7#

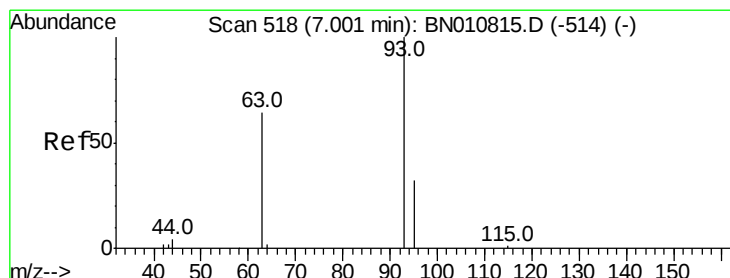
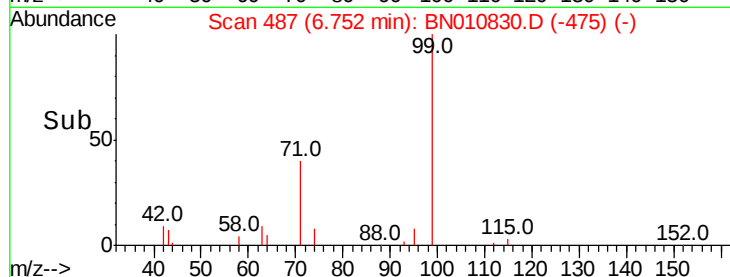
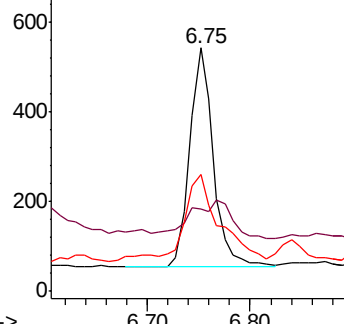
71 56.5 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN010830.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN010830.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN010830.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.478 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

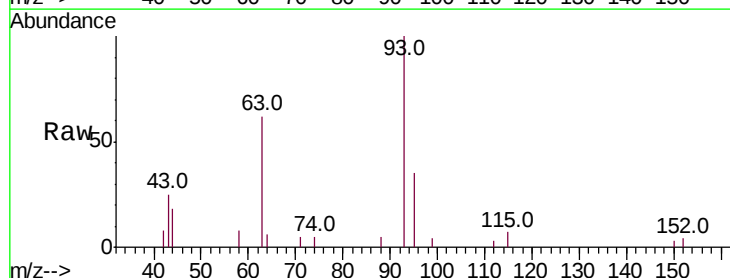
Tgt Ion: 93 Resp: 3233

Ion Ratio Lower Upper

93 100

63 57.5 49.4 74.2

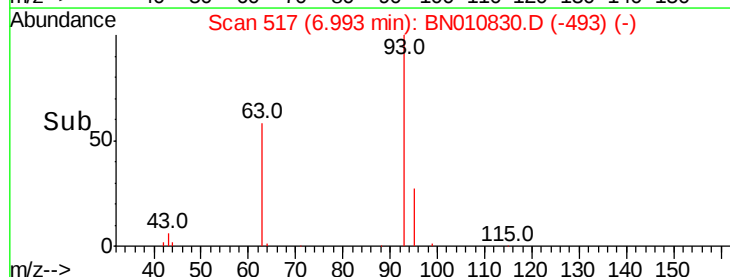
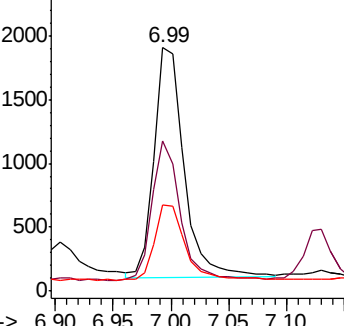
95 34.3 26.7 40.1

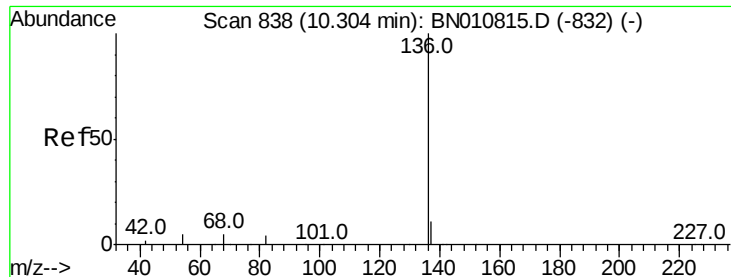


Abundance Ion 93.00 (92.70 to 93.70): BN010830.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN010830.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN010830.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 11072

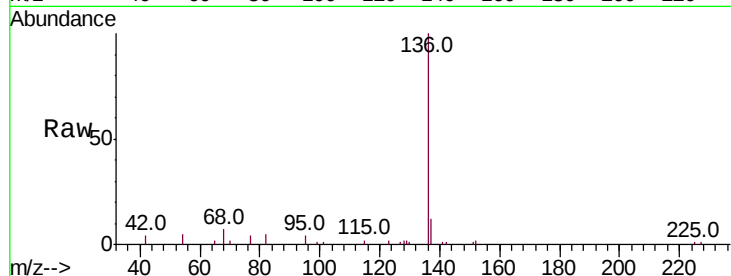
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 5.1 4.9 7.3

68 6.9 4.7 7.1

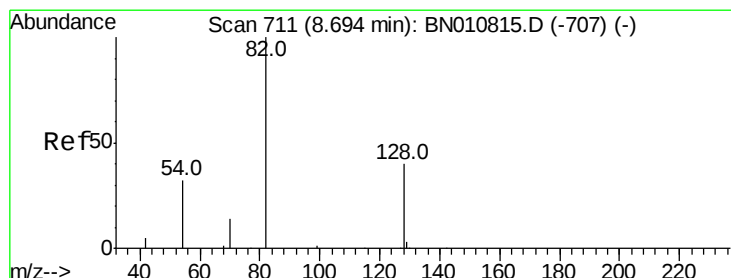
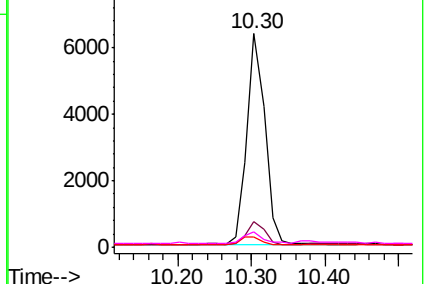
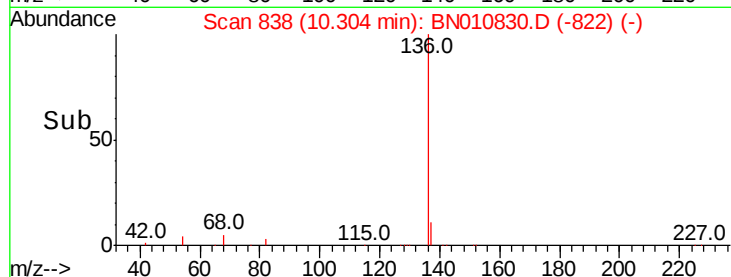


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.422 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

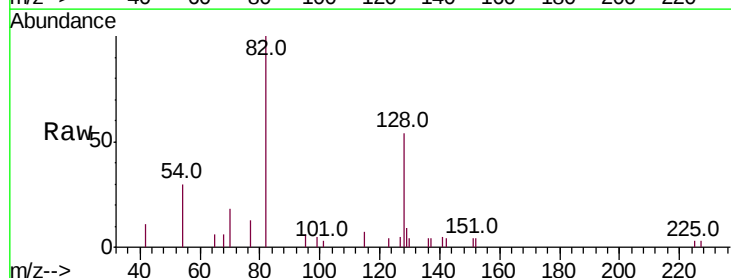
Tgt Ion: 82 Resp: 3457

Ion Ratio Lower Upper

82 100

128 53.6 35.4 53.0#

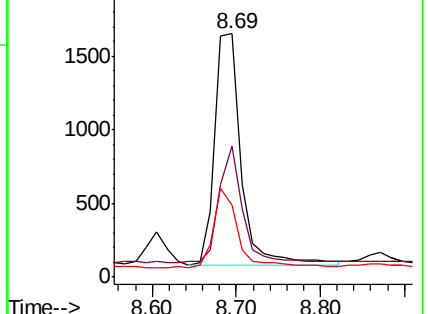
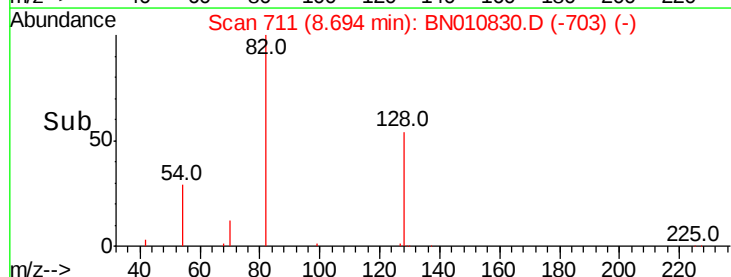
54 29.8 28.2 42.4

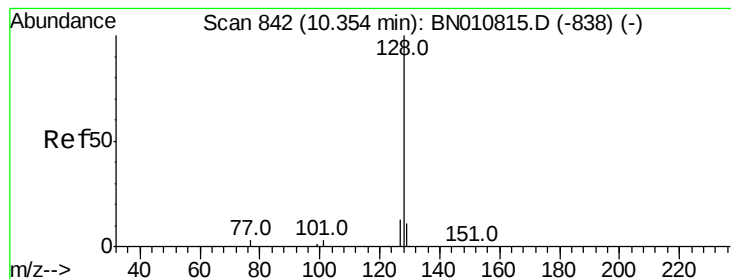


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.460 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

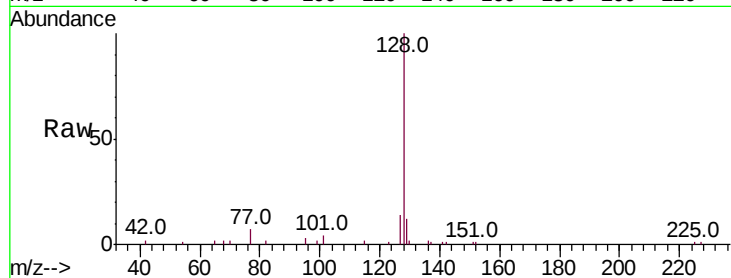
Tot Ion:128 Resp: 12807

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

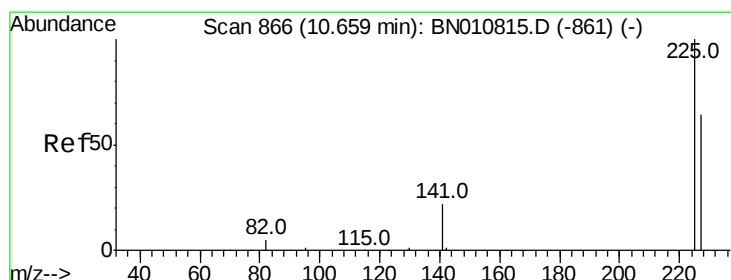
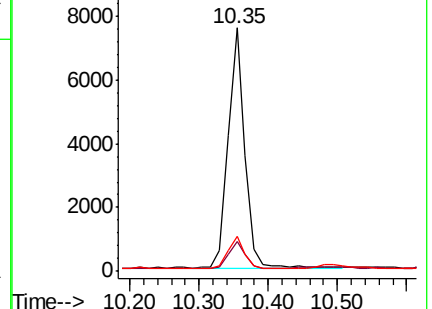
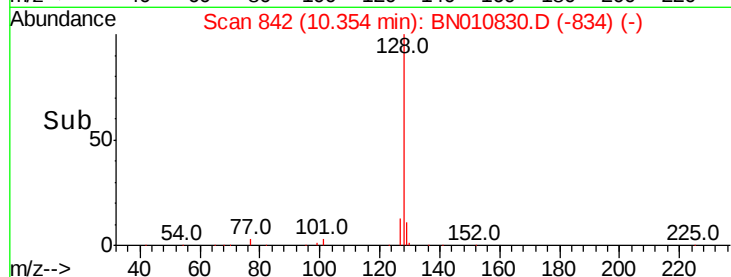
127 14.2 11.4 17.2



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

Hexachlorobutadiene

Concen: 0.379 ng

RT: 10.65 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

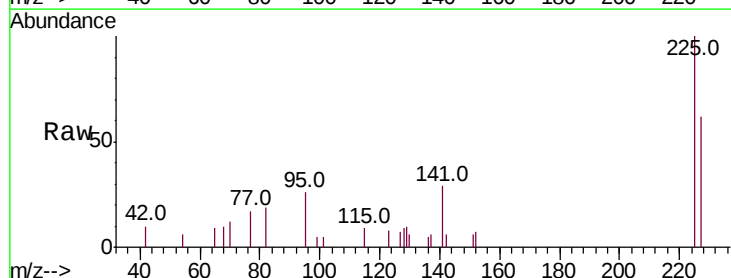
Tgt Ion:225 Resp: 2607

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

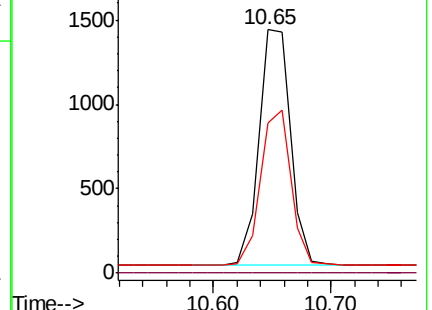
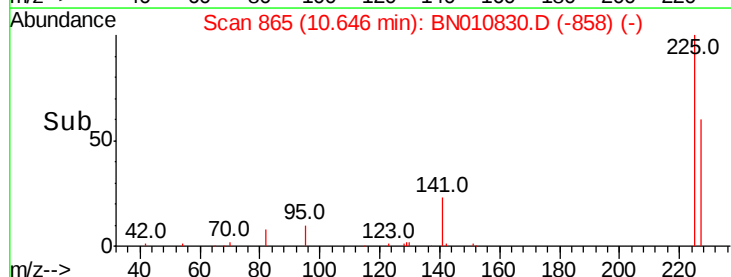
227 63.7 50.5 75.7

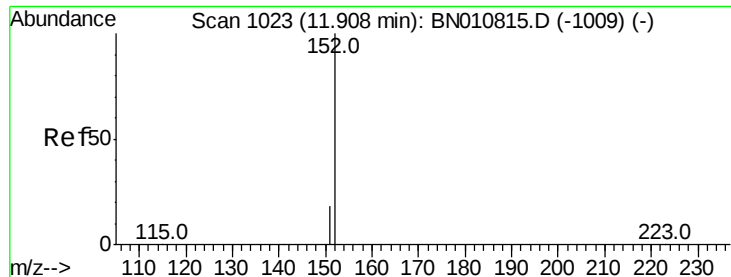


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

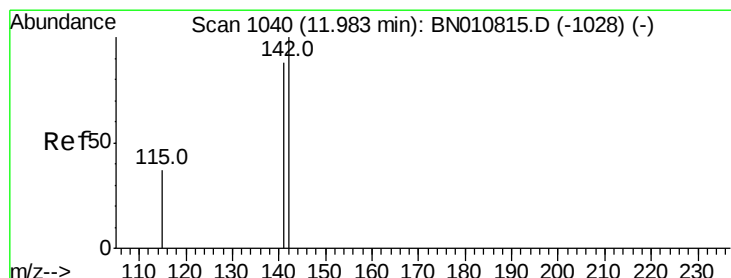
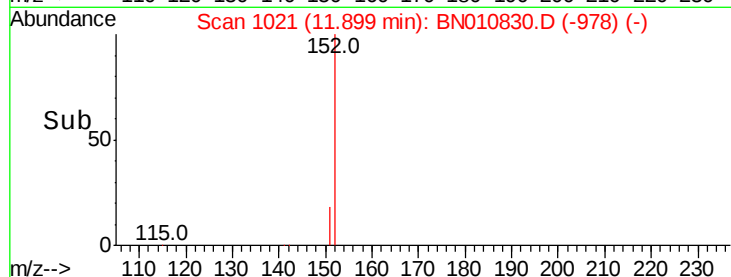
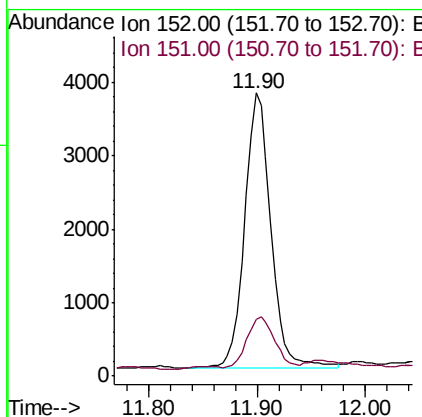
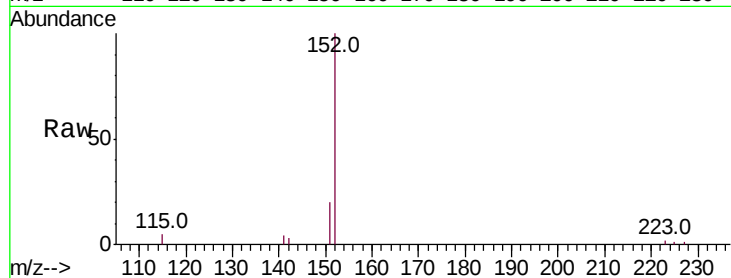




#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

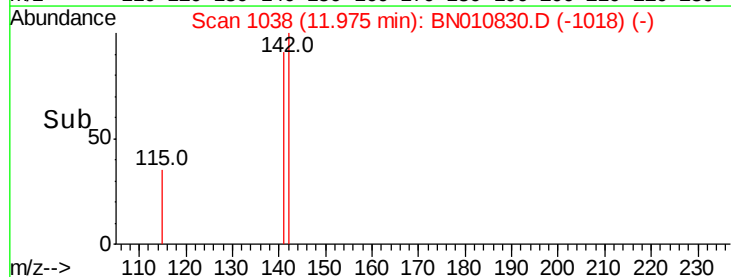
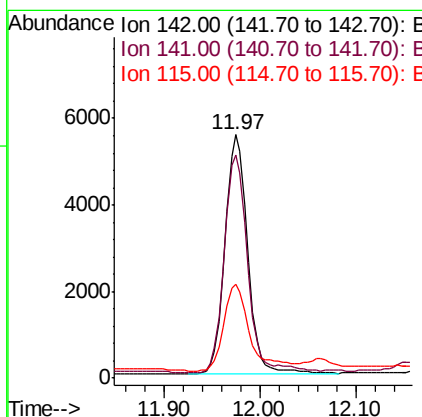
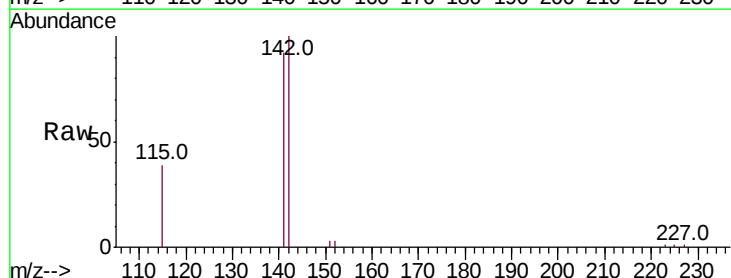
Instrument :
BNA_N
ClientSampleId :

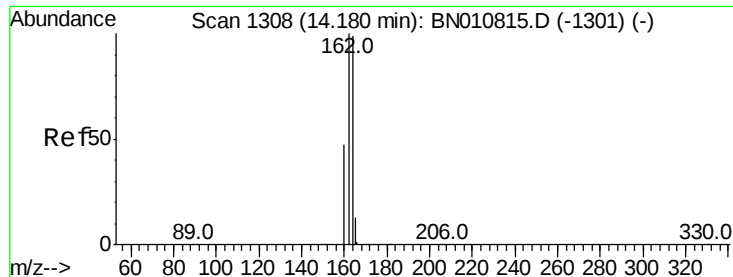
Tot Ion:152 Resp: 6325
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.492 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:142 Resp: 9156
Ion Ratio Lower Upper
142 100
141 91.8 70.8 106.2
115 38.6 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampled :

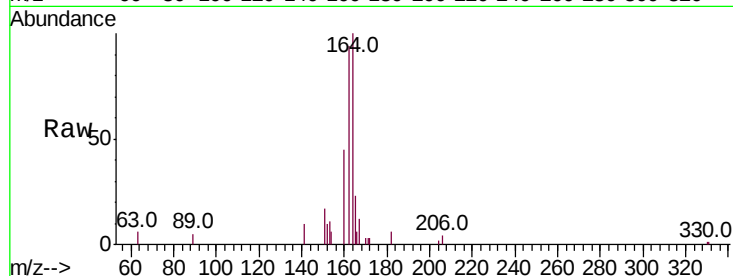
Tot Ion:164 Resp: 7349

Ion Ratio Lower Upper

164 100

162 94.0 81.0 121.6

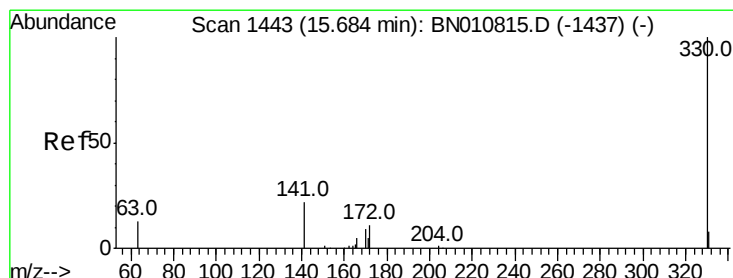
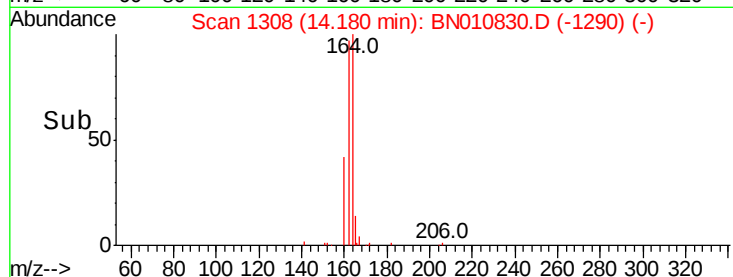
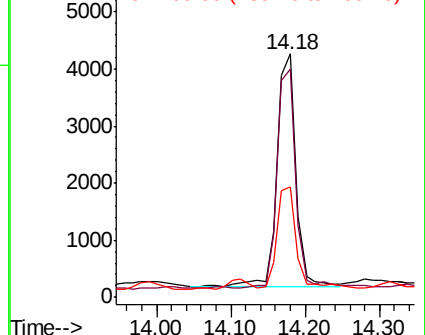
160 45.3 38.9 58.3



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: 0.450 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

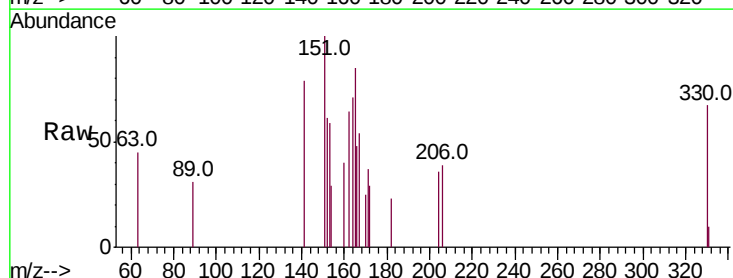
Tgt Ion:330 Resp: 1184

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

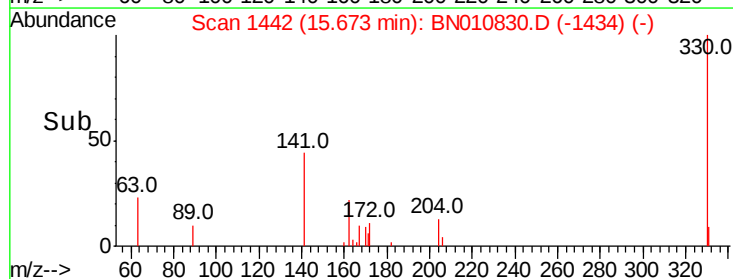
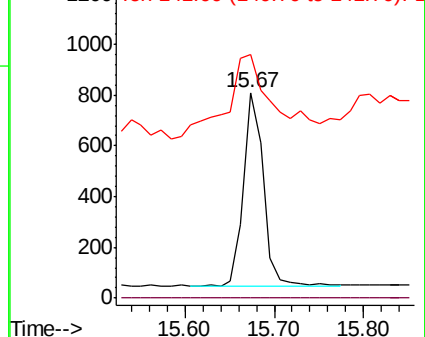
141 61.6 33.2 49.8#

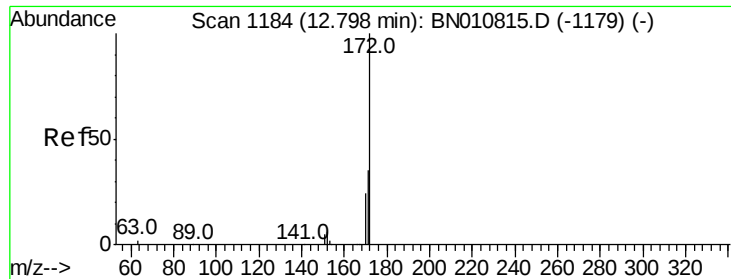


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

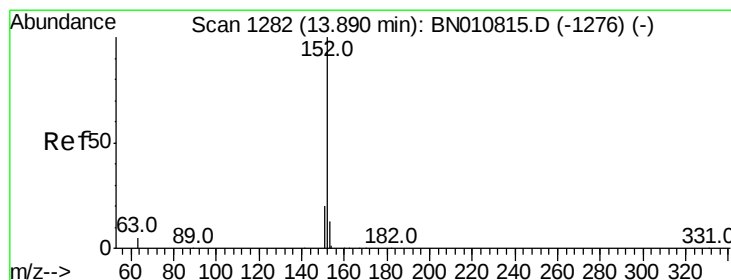
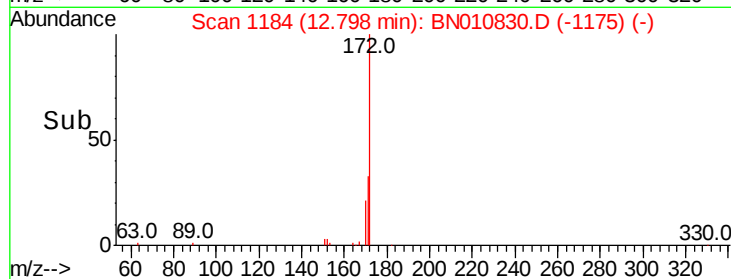
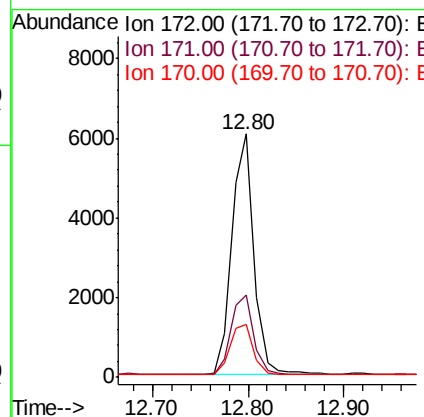
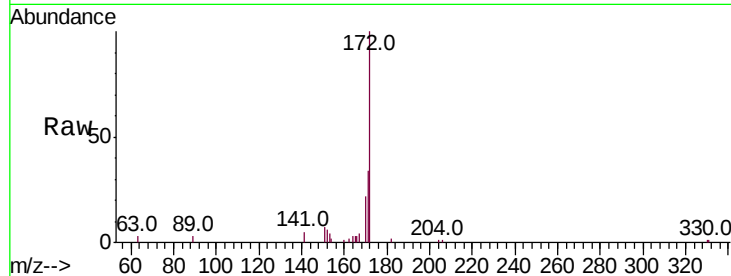




#15
 2-Fluorobiphenyl
 Concen: 0.337 ng
 RT: 12.80 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BN010830.D
 Acq: 10 Jun 2020 22:51

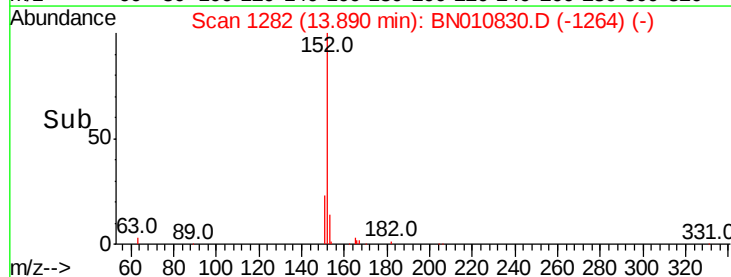
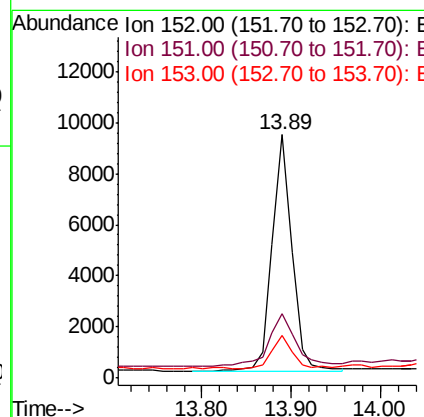
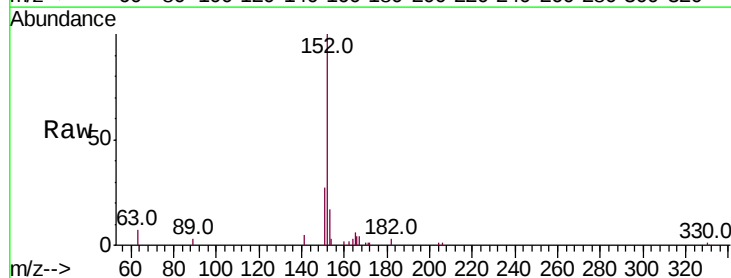
Instrument :
 BNA_N
 ClientSampleId :

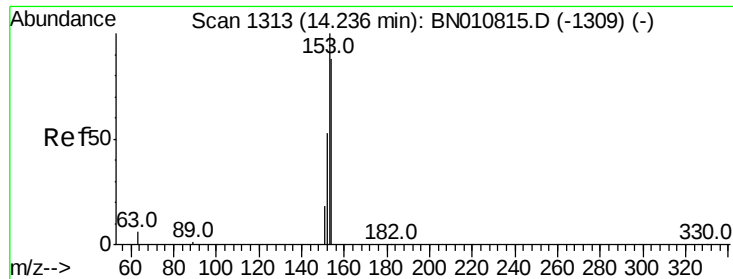
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	21.9	19.7	29.5



#16
 Acenaphthylene
 Concen: 0.479 ng
 RT: 13.89 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BN010830.D
 Acq: 10 Jun 2020 22:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	31.8	15.6	23.4#
153	14.7	10.6	16.0





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

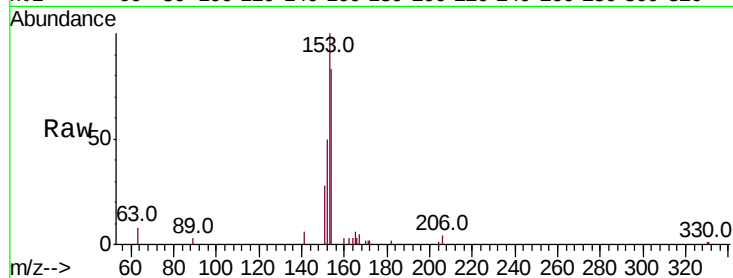
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 8397

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.8	137.6
152	55.7	47.6	71.4

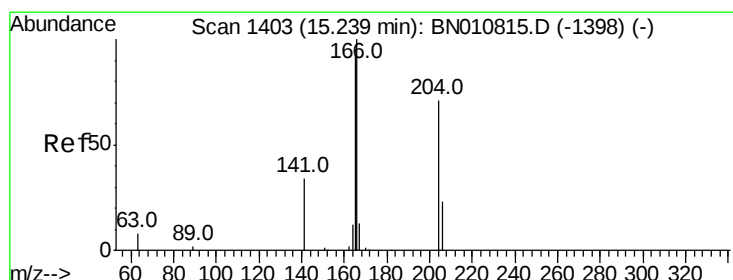
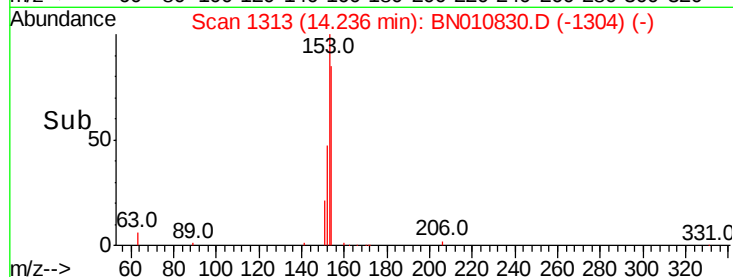
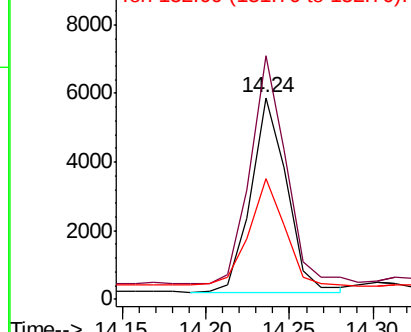


Abundance

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: 0.436 ng

RT: 15.23 min Scan# 1402

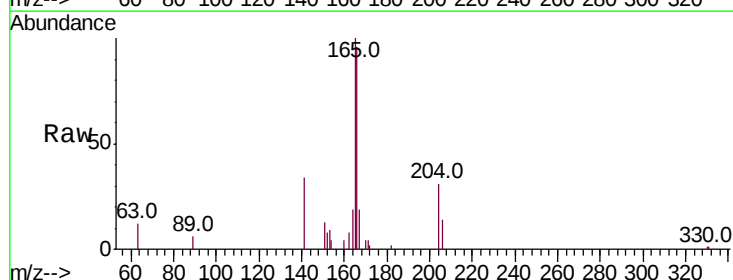
Delta R.T. -0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Tgt Ion:166 Resp: 11535

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.2	115.8
167	13.0	10.7	16.1

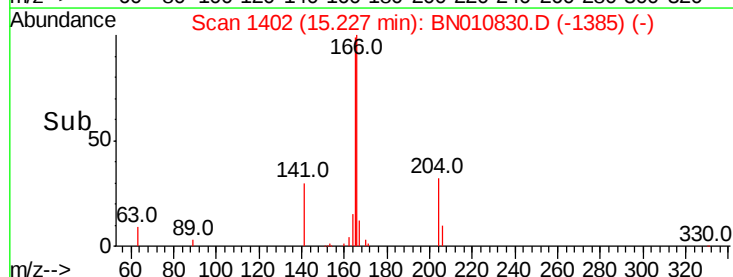
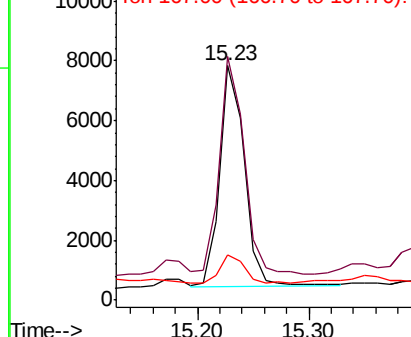


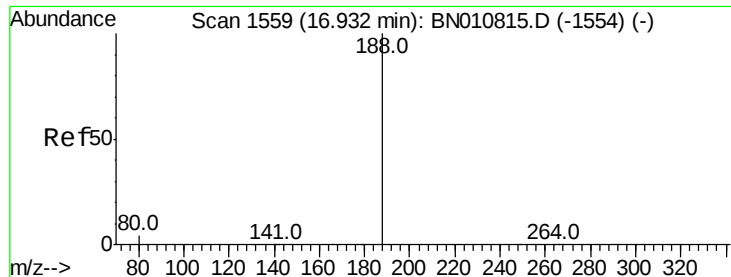
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

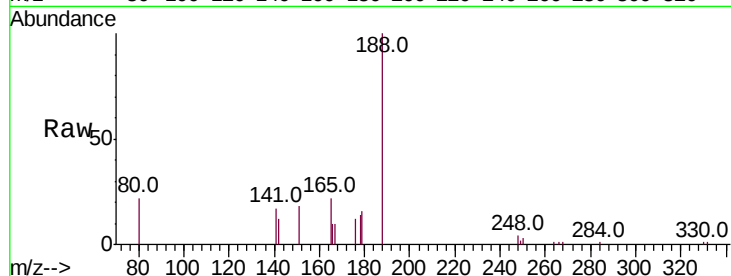
Tot Ion:188 Resp: 13565

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

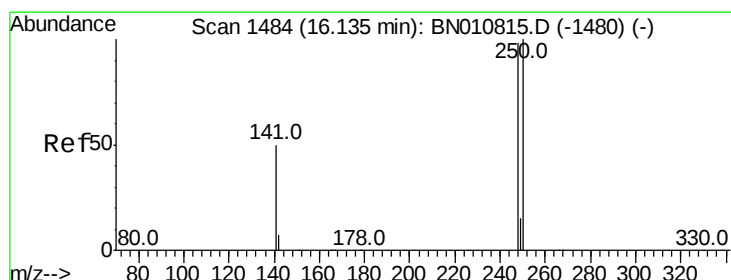
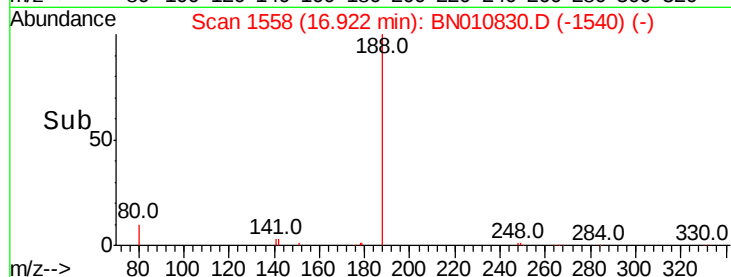
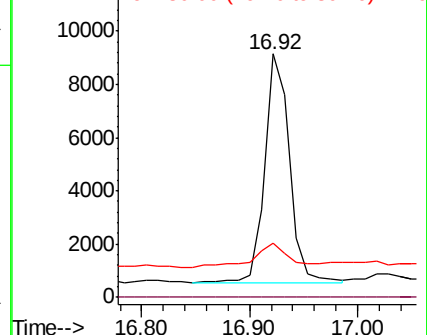
80 22.3 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.421 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

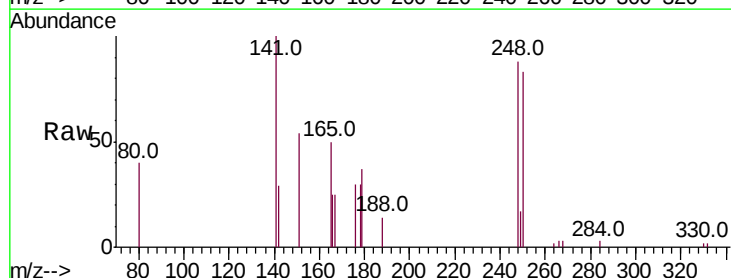
Tgt Ion:248 Resp: 3435

Ion Ratio Lower Upper

248 100

250 94.1 81.8 122.8

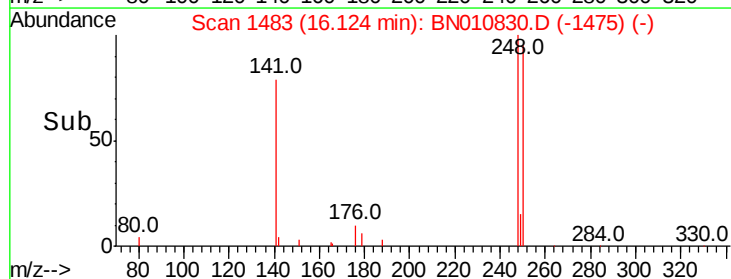
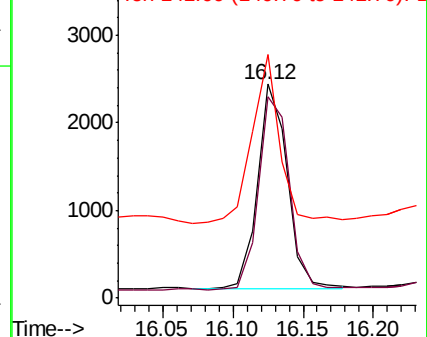
141 113.7 42.6 64.0#

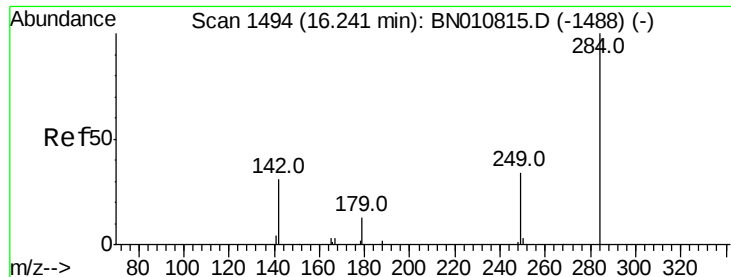


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.409 ng

RT: 16.24 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

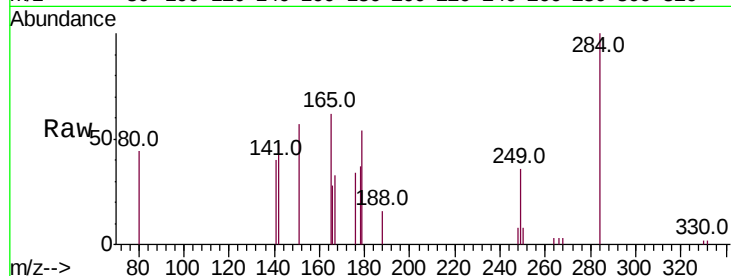
Tot Ion:284 Resp: 3477

Ion Ratio Lower Upper

284 100

142 46.4 31.0 46.4

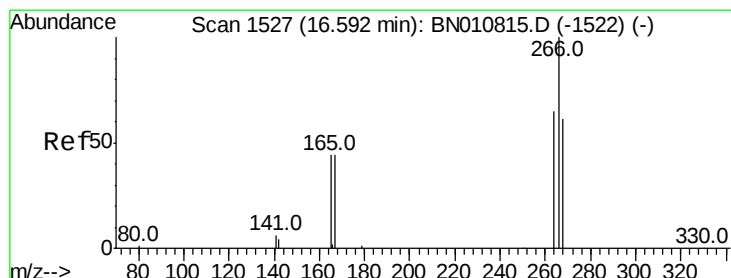
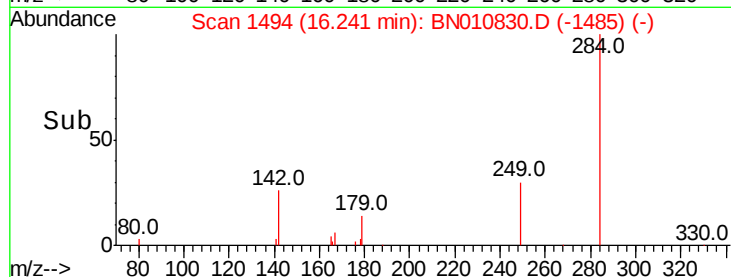
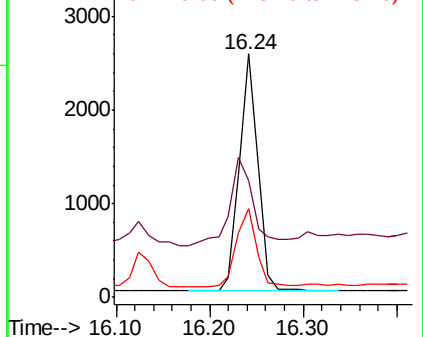
249 35.0 27.1 40.7



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: 1.928 ng

RT: 16.59 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

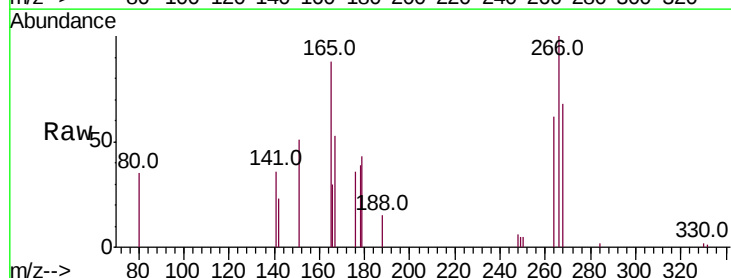
Tgt Ion:266 Resp: 5503

Ion Ratio Lower Upper

266 100

264 61.8 54.8 82.2

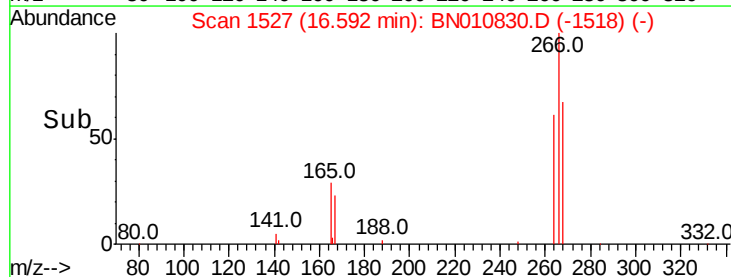
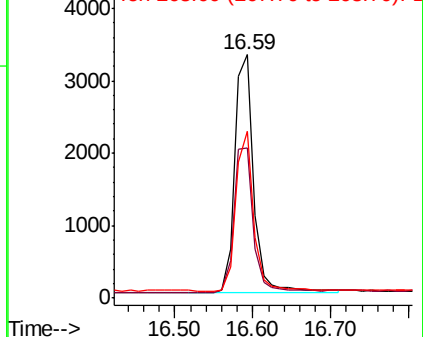
268 68.4 55.9 83.9

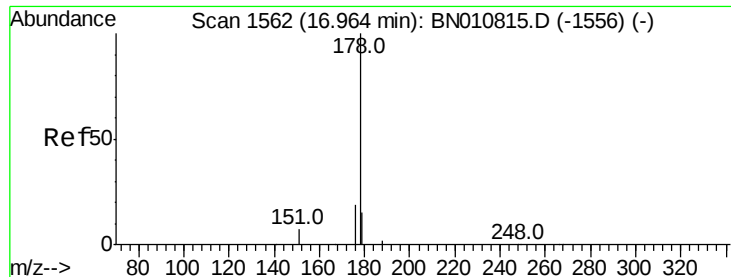


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.529 ng

RT: 16.96 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

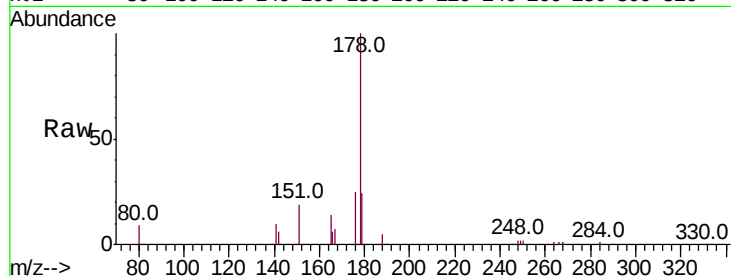
Tot Ion:178 Resp: 19594

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

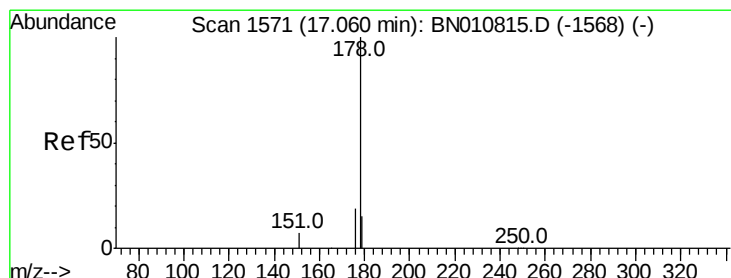
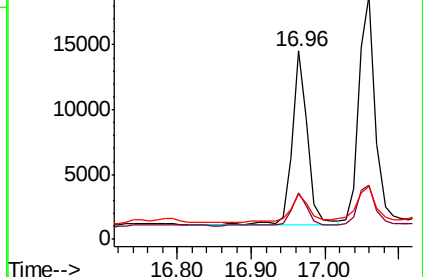
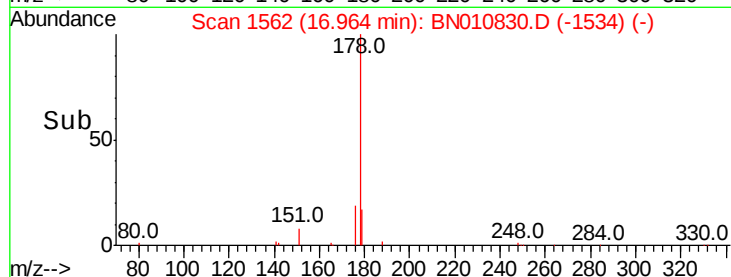
179 18.9 12.6 19.0



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: 0.847 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

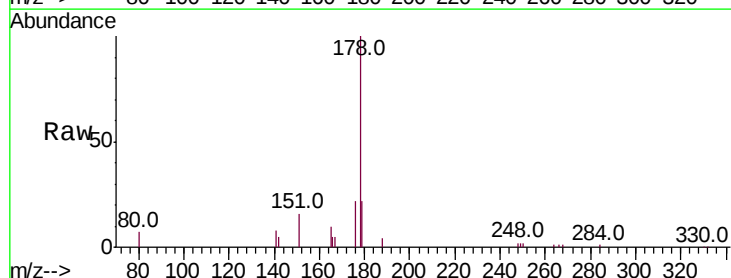
Tgt Ion:178 Resp: 26190

Ion Ratio Lower Upper

178 100

176 19.4 14.6 22.0

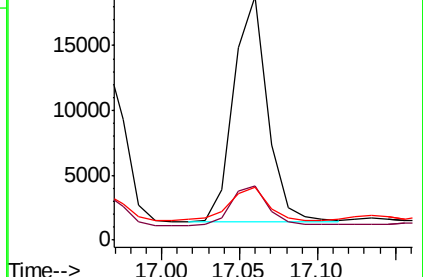
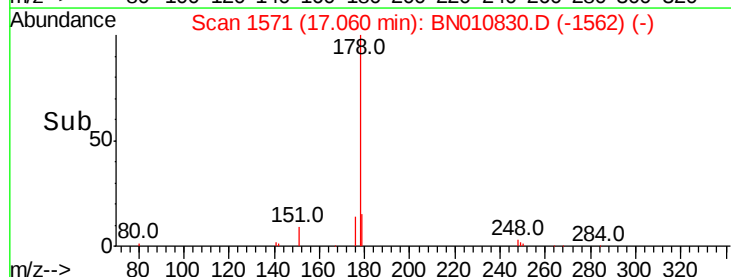
179 17.1 12.3 18.5

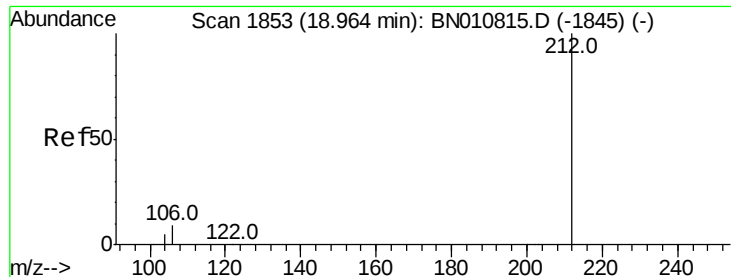


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.434 ng

RT: 18.96 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

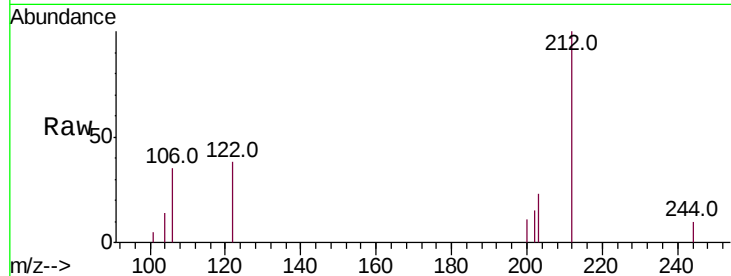
Tot Ion:212 Resp: 16255

Ion Ratio Lower Upper

212 100

106 14.2 6.6 10.0#

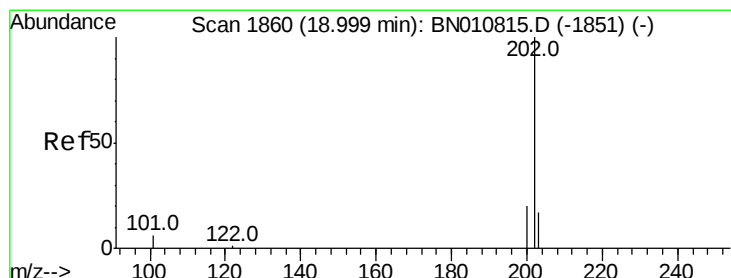
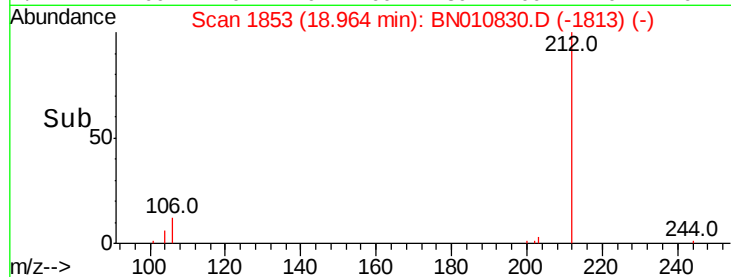
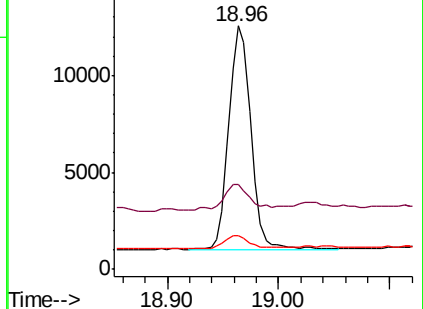
104 6.2 4.0 6.0#



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: 0.507 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

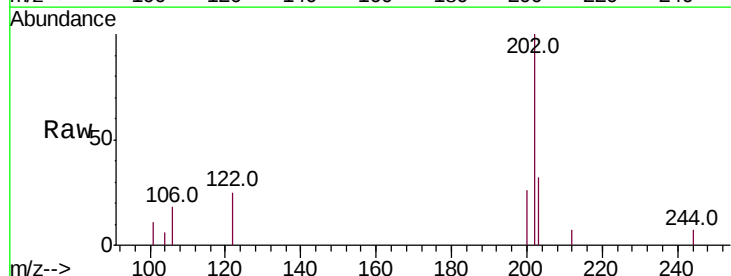
Tgt Ion:202 Resp: 21340

Ion Ratio Lower Upper

202 100

101 8.8 5.8 8.6#

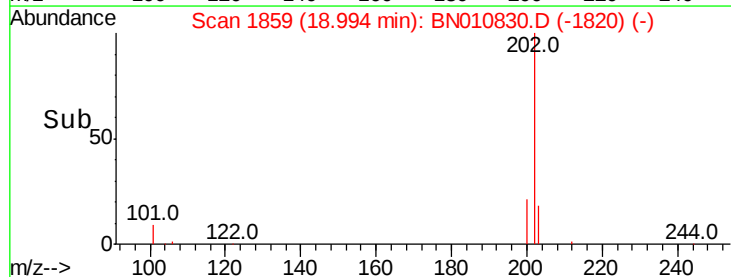
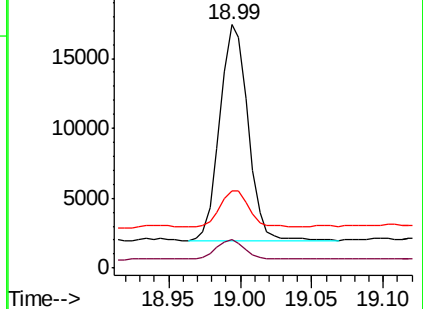
203 18.2 13.7 20.5

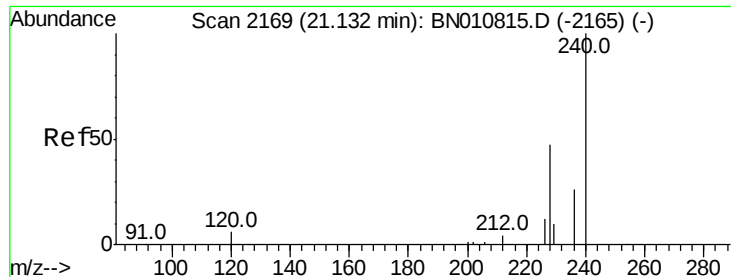


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

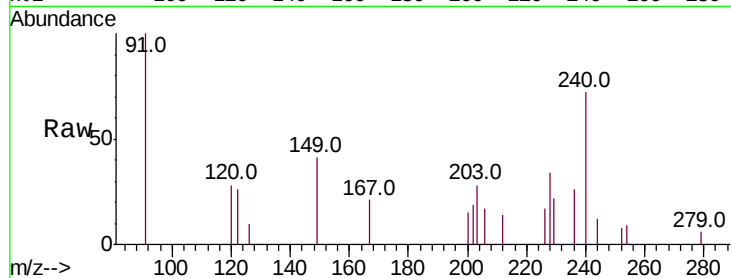




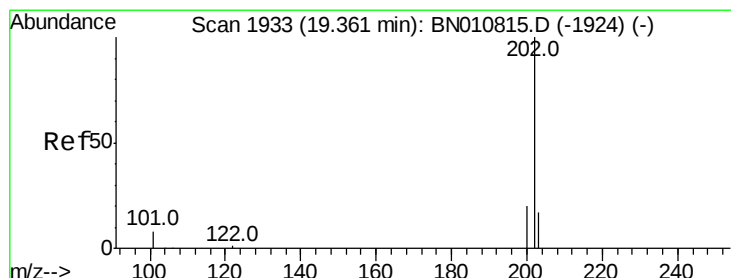
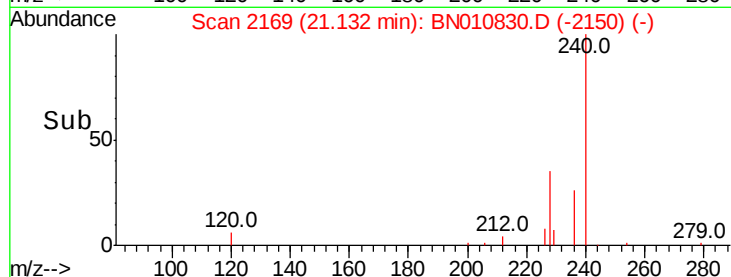
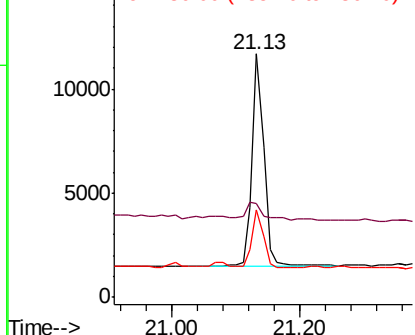
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 13479
Ion Ratio Lower Upper
240 100
120 38.6 7.5 11.3#
236 35.7 22.3 33.5#

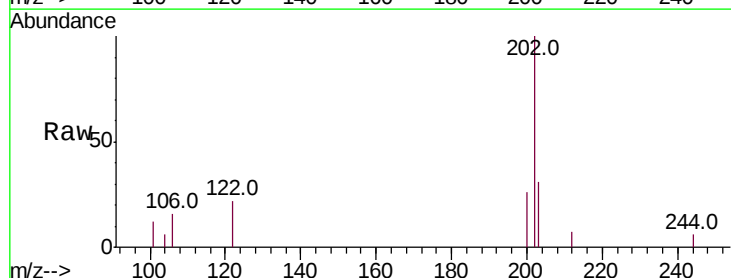


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

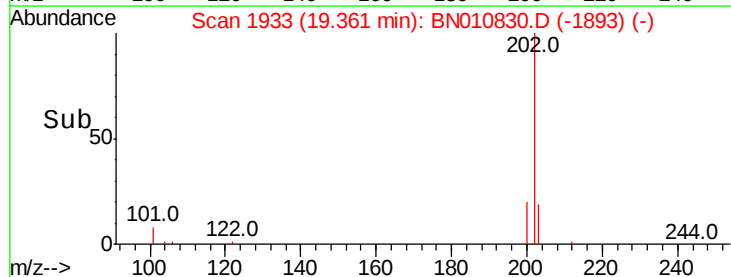
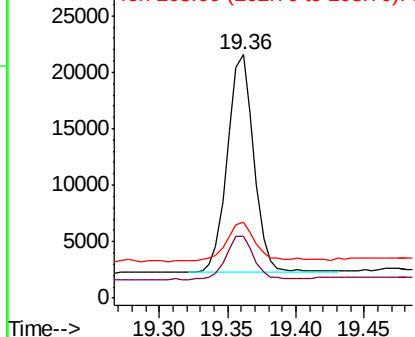


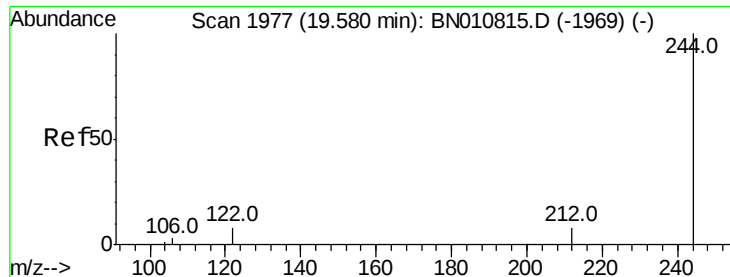
#28
Pyrene
Concen: 0.582 ng
RT: 19.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:202 Resp: 25969
Ion Ratio Lower Upper
202 100
200 20.7 16.4 24.6
203 20.1 14.2 21.4



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: 0.431 ng

RT: 19.58 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

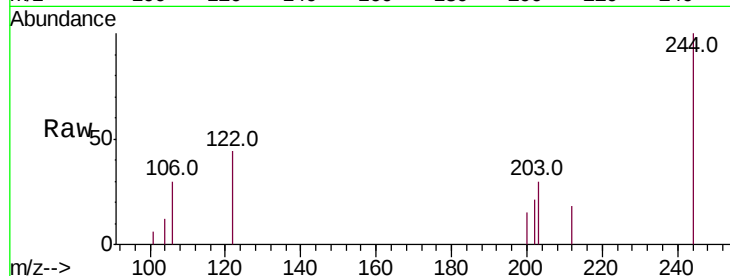
Tot Ion:244 Resp: 13604

Ion Ratio Lower Upper

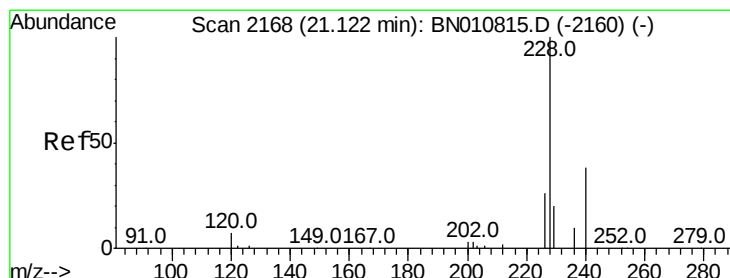
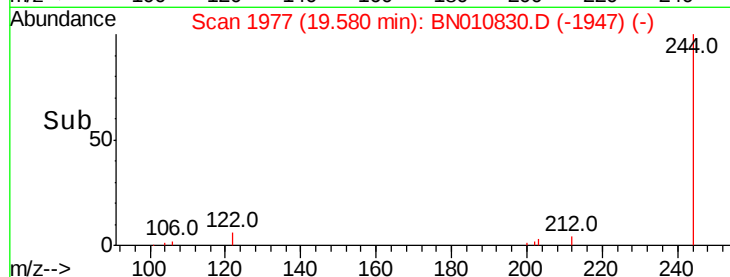
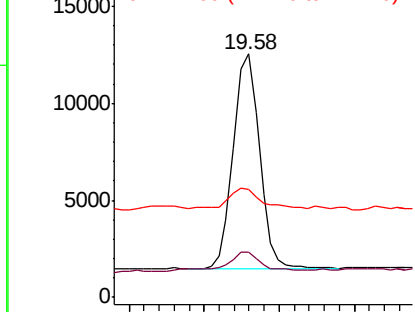
244 100

212 18.5 7.4 11.2#

122 44.1 7.5 11.3#



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: 0.503 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

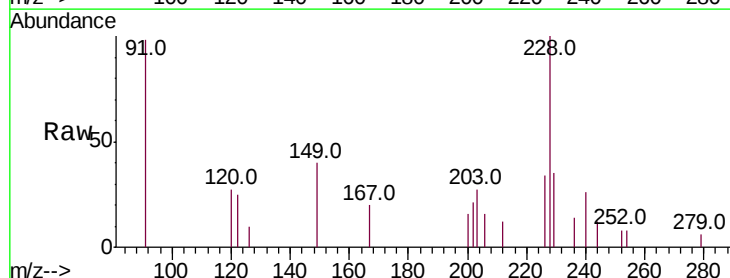
Tgt Ion:228 Resp: 19911

Ion Ratio Lower Upper

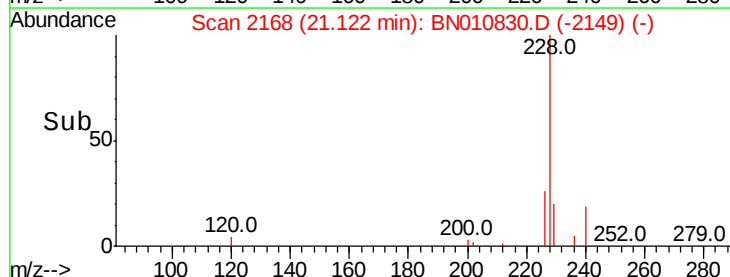
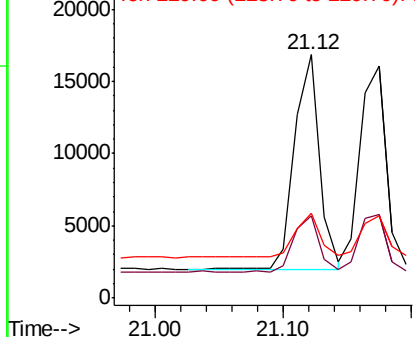
228 100

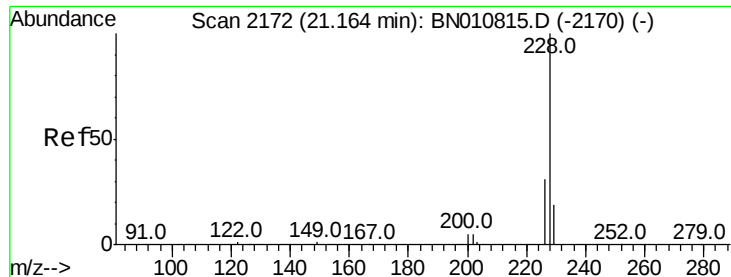
226 33.8 21.3 31.9#

229 34.9 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





#31

Chrysene

Concen: 0.429 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

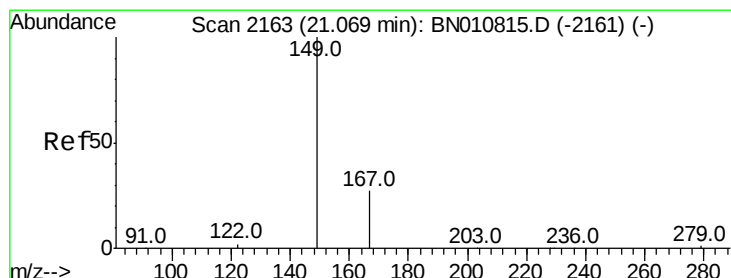
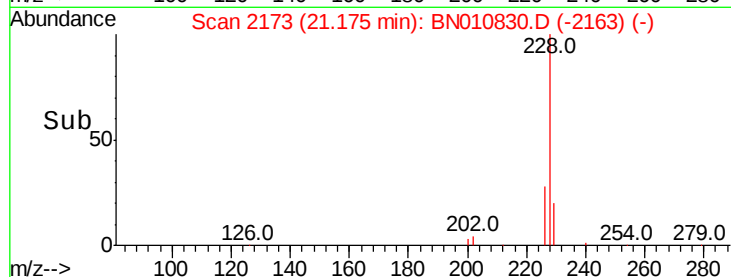
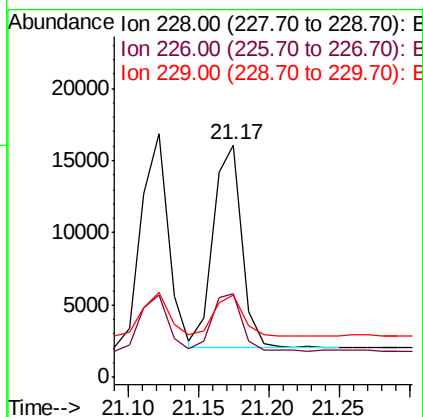
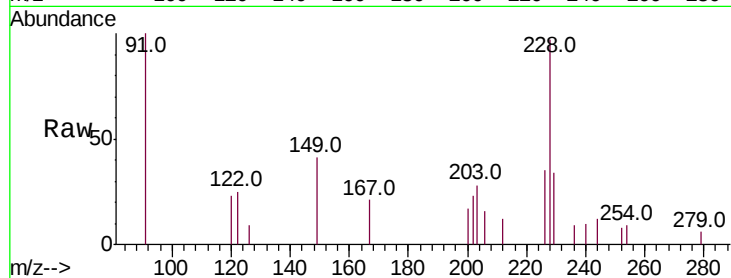
Tot Ion:228 Resp: 19800

Ion Ratio Lower Upper

228 100

226 35.9 25.0 37.6

229 35.5 16.1 24.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.794 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

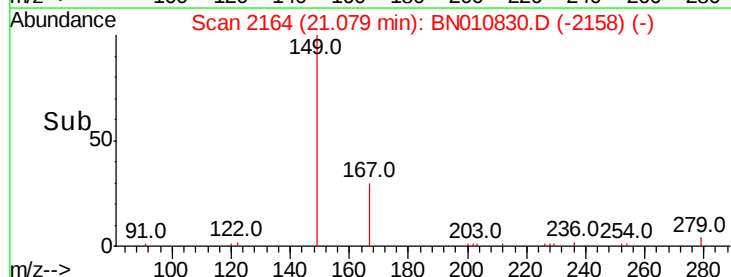
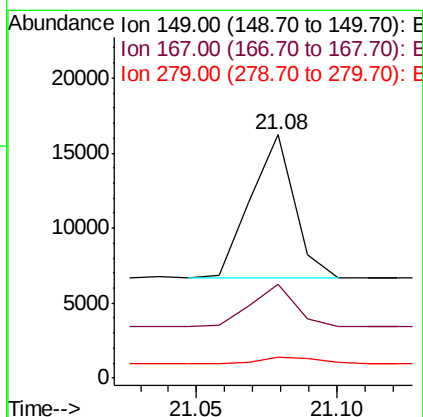
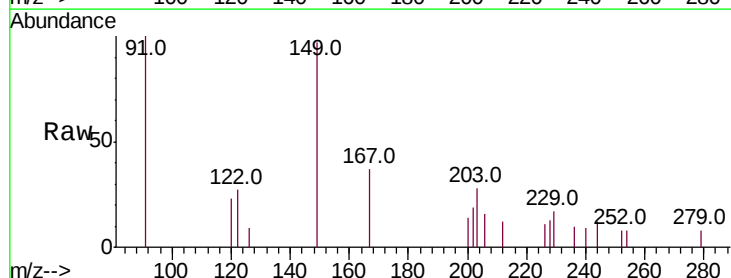
Tgt Ion:149 Resp: 10489

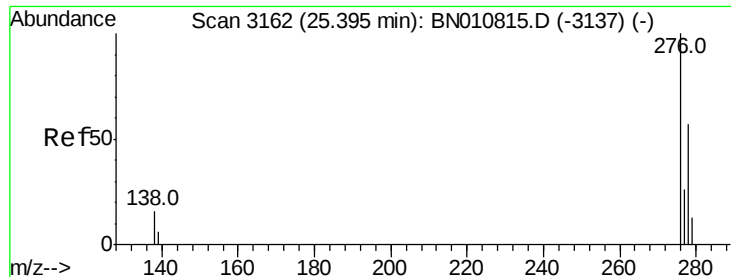
Ion Ratio Lower Upper

149 100

167 30.1 24.1 36.1

279 5.1 4.6 7.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.390 ng

RT: 25.40 min Scan# 3164

Delta R.T. 0.01 min

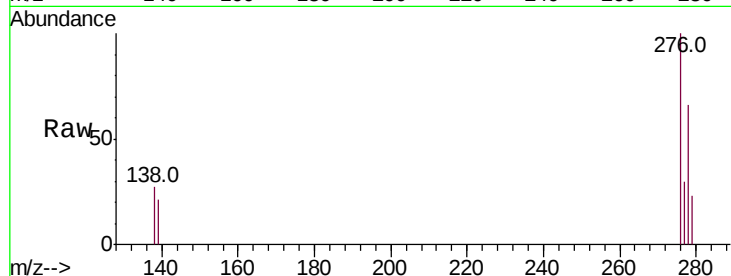
Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :



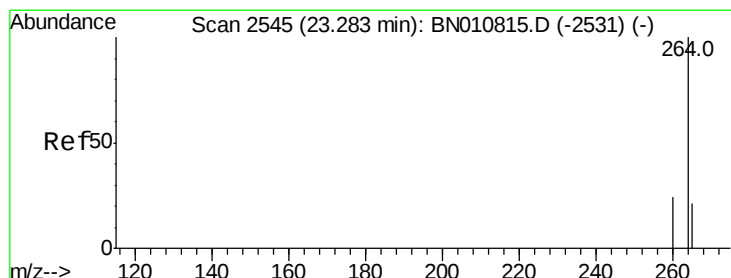
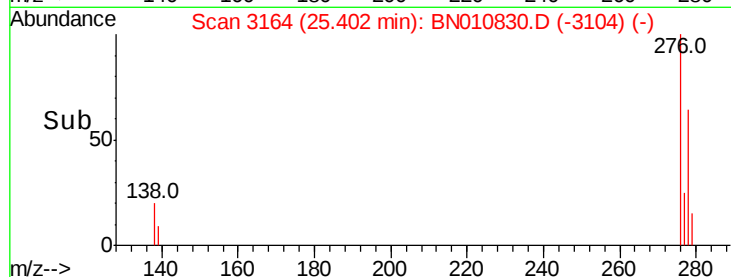
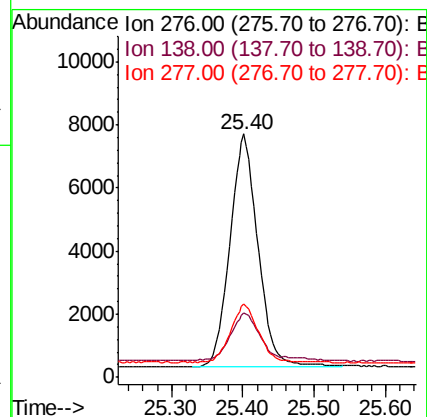
Tot Ion:276 Resp: 20137

Ion Ratio Lower Upper

276 100

138 21.1 13.0 19.6#

277 24.5 19.7 29.5



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.29 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

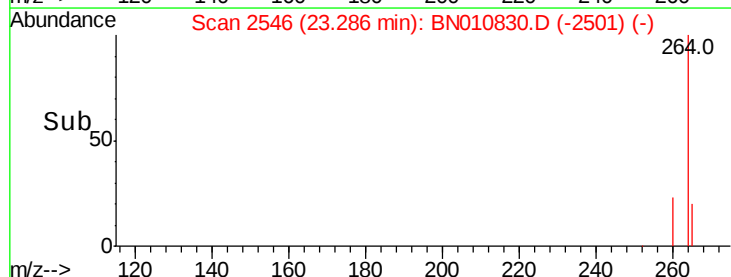
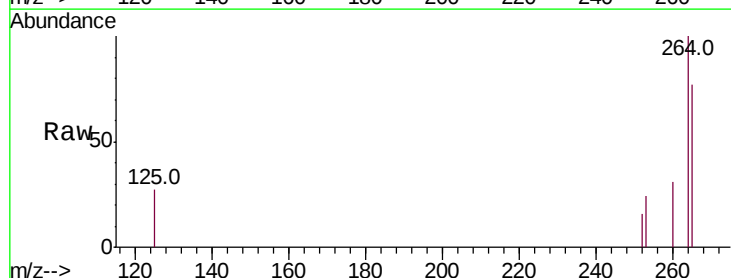
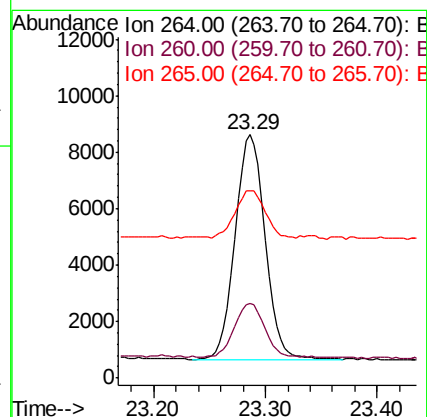
Tgt Ion:264 Resp: 14737

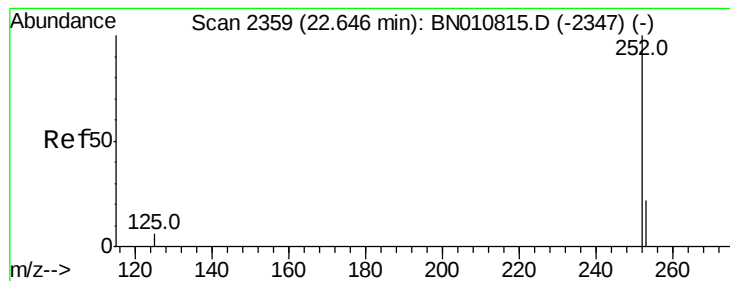
Ion Ratio Lower Upper

264 100

260 30.7 20.4 30.6#

265 77.2 75.0 112.4





#35

Benzo(b)fluoranthene

Concen: 0.382 ng

RT: 22.65 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :

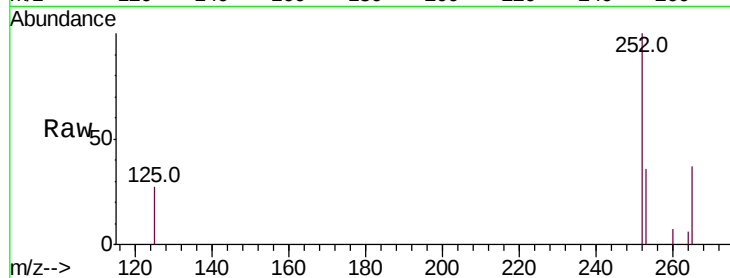
Tot Ion:252 Resp: 19129

Ion Ratio Lower Upper

252 100

253 36.3 22.4 33.6#

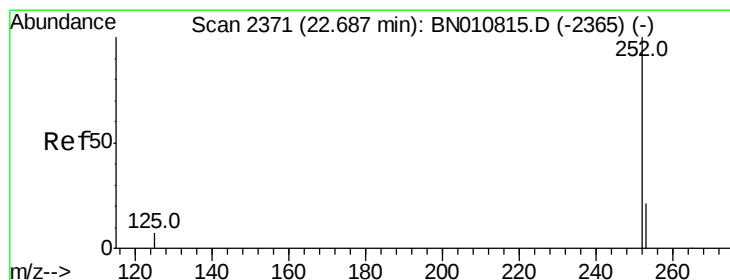
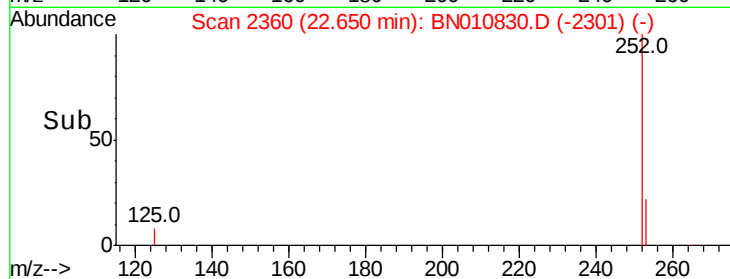
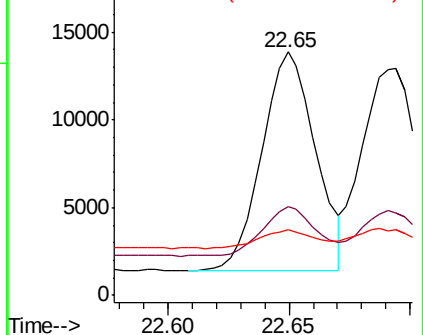
125 27.0 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.356 ng

RT: 22.69 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

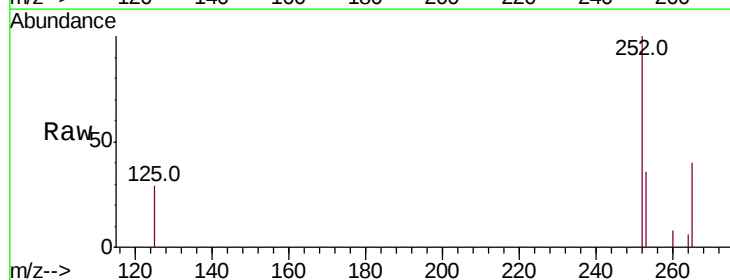
Tgt Ion:252 Resp: 19007

Ion Ratio Lower Upper

252 100

253 36.4 22.2 33.4#

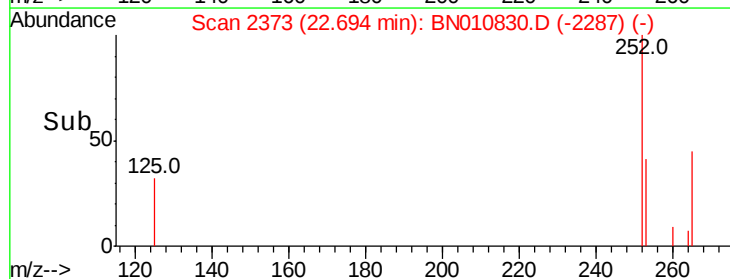
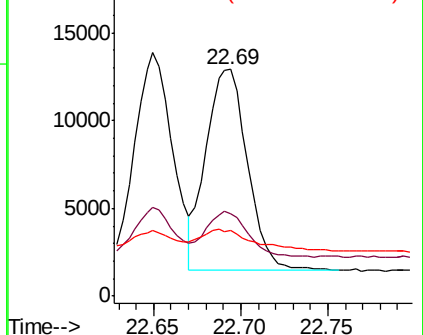
125 28.8 9.8 14.8#

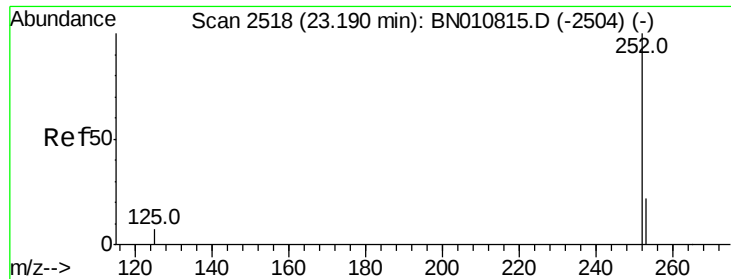


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampled :

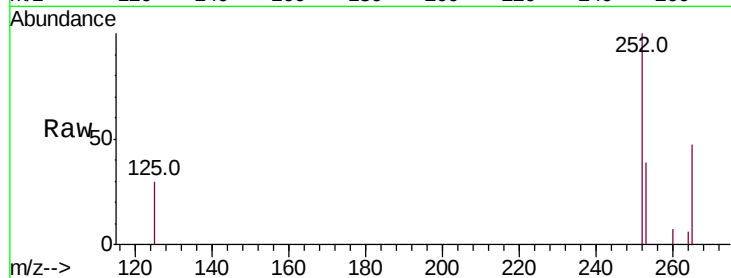
Tot Ion:252 Resp: 17407

Ion Ratio Lower Upper

252 100

253 38.5 25.8 38.8

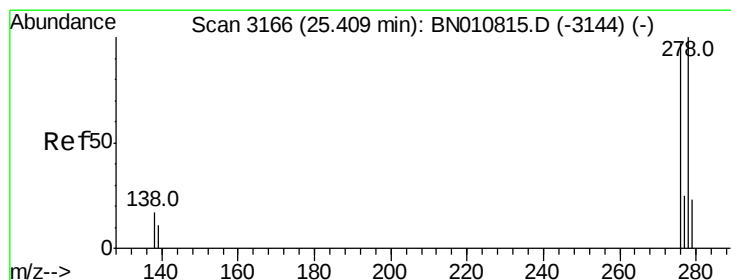
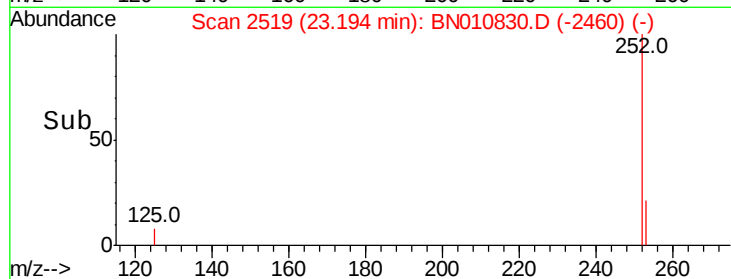
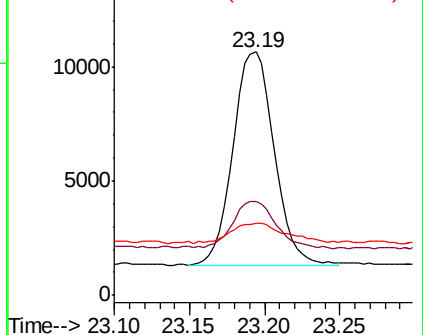
125 29.7 12.4 18.6#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.335 ng

RT: 25.41 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

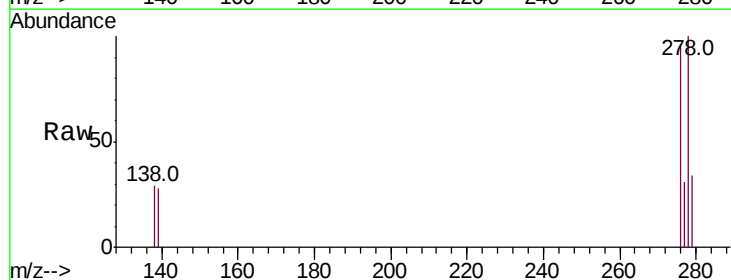
Tgt Ion:278 Resp: 16433

Ion Ratio Lower Upper

278 100

139 27.7 10.6 15.8#

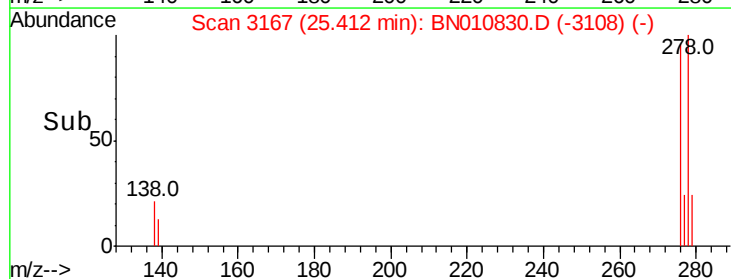
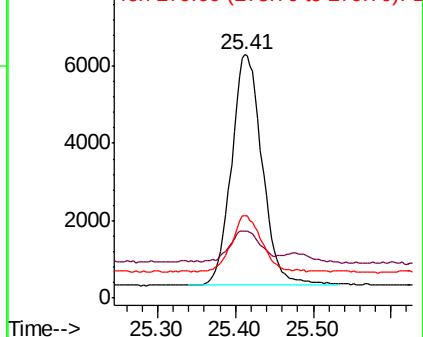
279 33.6 23.6 35.4

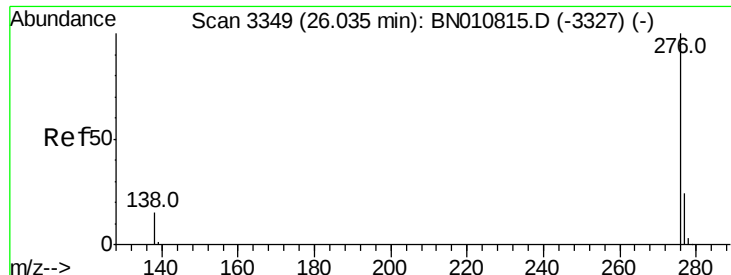


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.336 ng

RT: 26.04 min Scan# 3351

Delta R.T. 0.01 min

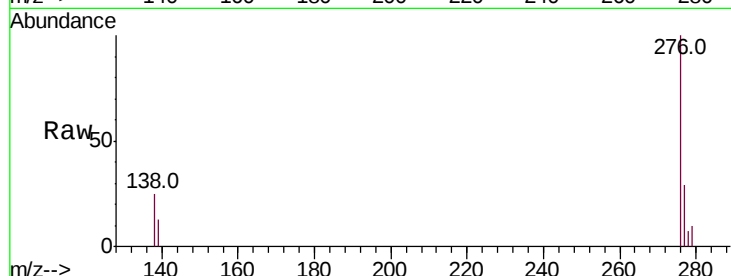
Lab File: BN010830.D

Acq: 10 Jun 2020 22:51

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 17204

Ion Ratio Lower Upper

276 100

277 28.7 20.5 30.7

138 24.5 13.7 20.5#

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

